New City Plaza
2-88 North Main Street
NEW CITY, NEW YORK

Periodic Review Report
March 2021 to June 2022

NYSDEC Brownfield Cleanup Program Site Number: C344065

AKRF Project Number: 40217

Prepared for:

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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 December 2015 Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in this Periodic Review Report for the New City Plaza Site located at 2-88 North Main Street in New City, New York (BCP Site No. C344065).

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

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and engineering controls employed at this Site are unchanged from the date the controls were put in place, or last approved by the NYSDEC;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Access to the Site will continue to be provided to the NYSDEC to evaluate the remedy, including access to evaluate the continued maintenance of the engineering controls;
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the Site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective;
- No new information has come to my attention, including groundwater monitoring data from wells located at the Site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid;
- 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 in this report is accurate and complete.

I certify that all information and statements in this certification form 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 of AKRF, Inc., am certifying Owner's Designated Site Representative and I have been authorized to sign this certification for the Site.

09/02/2022
Date

Signature

EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared on behalf of the Newton Associates LLC, (Newton), % Kamber Management Company LLC (the "Participant") as an element of the remedial program at the New City Plaza Site located at 2-88 North Main Street, New City, New York (Lot 43.15-1-22 of Tax Block 89 of Rockland County) (the "Site") under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site, owned by the Participant, was remediated in accordance with Brownfield Cleanup Agreement (BCA) Site #C344065, which was executed on March 29, 2006, and effective October 20, 2006. A Site location map is provided as Figure 1, and the Site layout and surrounding properties are shown on Figure 2.

As reported to NYSDEC and New York State Department of Health (NYSDOH), a Remedial Investigation (RI) completed at the Site between June 2007 and March 2015 confirmed that soil, groundwater, and soil vapor were contaminated with tetrachloroethene (PCE), and to a lesser extent, PCE breakdown products. A PCE source area was identified adjacent to the former Robbie J Cleaners in the central portion of the Site. Remedial activities included soil removal, utilization of a site cover system, and installation of multiple active sub-slab depressurization systems (SSDSs) that were completed between November 2010 and May 2012. Each SSDS has operated continuously at the Site since May 2012. In-situ treatment of contaminated groundwater was completed in September 2015. NYSDEC approved the Final Engineering Report (FER) and Site Management Plan (SMP), and issued a Certificate of Completion (COC) to the Participant on December 21, 2015. A Revised SMP (Revision #1) was approved by NYSDEC in November 2018 to account for a groundwater sampling modification, and again in April 2021 (Revision #2) to account for an indoor air sampling modification.

The purpose of this PRR is to document the site management activities associated with the Site's Engineering and Institutional Controls and to certify that the controls have been implemented in accordance with the Revised SMP.

In summary, the remedy remains effective and protective of human health and the environment with continued implementation of the Revised SMP. Periodic inspections, including SSDS operations, semi-annual groundwater sampling, and annual site-wide cover inspections, were performed to document Site conditions. As documented and certified herein, the Participant was fully compliant with the Revised SMP and approved modifications for the reporting period from March 22, 2021 through June 24, 2022. The status of each of the remaining remedial program elements are summarized below.

Site Cover System

The permanent Site cover system was maintained in good condition to prevent contact with underlying soil and groundwater.

SSDS Operation

Each of the six active SSDSs remained on a continuous operation schedule.

Groundwater Monitoring

Groundwater sampling results for PCE and its breakdown products have shown that the remedy (i.e., soil source removal and groundwater injection) has been effective in reducing contaminant concentrations in the treatment area.

Indoor Air Monitoring

An indoor air sample was collected from the Apple Bank (former Boston Market) tenant space in September 2021. Power to the tenant space was previously shut off in March 2021 during demo of the tenant space, including the removal of the Boston Market cooking equipment. Power was restored in April 2021, prior to the remodeling efforts for the new tenant, and Keystone Environmental Services (KES) inspected the SSDS system. KES confirmed system integrity of the suction points and discharge stack, completed a blower replacement, placed the SSDS back into continuous operation, and confirmed that all components (suction point, piping, air flow/meters, etc.) were operating as originally specified. After consultation with NYSDEC, the collection of the indoor air sample was added to the September 2021 semi-annual monitoring event to provide analytical confirmation that the SSDS was continuing to be effective in minimizing vapor intrusion.

1.0 INTRODUCTION

This Periodic Review Report (PRR) was prepared for the New City Plaza Site located within the New City Plaza property at 2-88 North Main Street, New City, New York (Lot 43.15-1-22 of Tax Block 89 of Rockland County) (hereinafter referred to as the "Site") under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Site #C344065, which was executed on March 29, 2006. Figure 1 shows the location of the New City Plaza Property. Figure 2 indicates the location of the Site within the plaza property.

Activities reported herein have been performed on behalf of the Newton Associates LLC, (Newton), % Kamber Management Company LLC, who entered into a BCA as a Participant with the NYSDEC in April 2006 to remediate a 1.1387-acre portion of the New City Plaza property located in Rockland County, New City, New York. The BCA required the Remedial Party to investigate and remediate contaminated media at the Site. The property was remediated to the Commercial and Groundwater Protection and Soil Cleanup Objectives as described in 6 NYCRR Part 375-1.8(g).

The boundaries of the BCP project site (shown on Figure 2) are based on the location of a former dry cleaning facility where subsurface investigations revealed soil, groundwater, and soil vapor contamination. Areas north and south of the BCP Site include the remainder of the shopping plaza and parking lot, and a former gasoline station. Properties east of the Site contain residential dwellings, and properties to the west include the Rockland County Probation Department and County Court House.

Remedial investigations (RIs) performed from June 2007 to March 2015 determined that soil, soil vapor, and groundwater were contaminated with tetrachloroethene (PCE) and PCE breakdown products. A source area was identified adjacent to the former Robbie J Cleaners. Remedial activities, including soil removal, installation of a sub-slab depressurization system (SSDS) at six tenant spaces to address potential vapor intrusion, and in-situ chemical oxidation (ISCO) of groundwater, were performed between 2010 and 2015.

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 Revised Site Management Plan (SMP) schedule. The SMP provides detailed descriptions of all procedures required to manage known and potential residual contamination. Activities conducted at the Site under the SMP during this reporting period have included:

- Annual site cover System inspection;
- Semi-annual operation, maintenance, inspection, balancing of the multiple, active sub- SSDSs; and
- Semi-annual monitoring well gauging and groundwater sampling.

The purpose of this PRR is to document the Site management activities associated with the Site's Engineering and Institutional Controls and to certify that the controls have been implemented in accordance with the SMP. The reporting period on the IC/EC Certification form is from March 22, 2021 to June 24, 2022, and constitutes the fifth reporting year since receiving the COC.

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 Revised SMP. The site management 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 T1 below (referenced from the Revised SMP, which was based on the December 2015 SMP). An indication of what was completed this reporting period (third reporting year since receipt of the COC) is also included.

Table T1
Monitoring/Inspection Requirement Summary

Monitoring Program	Frequency*	Purpose	Analysis	Completed this Period?
Site Cover System	Annually during indicated reporting period	Cover System Integrity	Visual Inspection of Conditions	**Yes**
Groundwater Monitoring and Sampling	Semi Annual: Site specific PCE Release Area Wells Annually: Expanded Site-Wide Well Set	Groundwater remediation performance	VOCs by EPA Method 8260	**Yes**
Inspection of each SSDS	Annually during indicated reporting period	SSDS System Operations	Visual Inspection, Field Screening (PID) and recording system readings (vacuum/flow) and vacuum at monitoring points	**Yes**
On-site Indoor Air Sampling	Annual Sampling Not Required**	SSDS system performance	VOCs by EPA Method TO-15	**Yes**
Off-Site Indoor Air Sampling	2018/2019 Heating Season – 7 East Evergreen Only***	Vapor mitigation performance	VOCs by EPA Method TO-15	**No**

Notes:
* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH.
** Not included as part of annual sampling requirements. Sampling need based on inspection results and as directed by the Revised SMP; future sampling will be performed as outlined in the SMP.
*** Off-site sub-slab and/or indoor air sampling at 7 East Evergreen was completed through March 2019; future sampling will be performed as outlined in the SMP.
VOCs – Volatile Organic Compounds
PID – Photoionization Detector

2.2 Monitoring Requirements

This section describes the measures completed to satisfy the monitoring requirements of the Revised SMP. The results of the Site monitoring program are described in Section 3.0.

2.2.1 Site Cover System

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

asphalt-paved parking area, and two feet of soil in landscaped area that met the Site-specific cleanup objectives.

The site cover system continues to remain intact 24 hours a day, 7 days a week, for 365 days a year. 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 Revised SMP. Annual monitoring of the site cover system is required by the Revised SMP, and monitoring of the site cover system will continue to be maintained on an annual basis as long as the Environmental Easement is in effect to ensure the system's integrity.

AKRF completed a visual inspection of site cover during each semi-annual monitoring visit to confirm cap integrity, with the June 2022 visit used as the inspection to compile the data and fulfill the annual monitoring requirement. The inspection consisted of observing the floor slab at each tenant space, the asphalt-paved parking lot, and the small landscaped area on the eastern end of the Site. The location and details of the site cover system maintained over the course of this reporting period are shown on Figure 3. The concrete slab and asphalt surfaces were inspected for holes, significant cracking and/or signs of damage. The landscaped area was inspected for erosion and signs of excavation. Results of the site cover system inspection are summarized in Section 3.1 of this PRR.

2.2.2 SSDS Inspections

Confirmation of the operation of each of the six SSDSs is documented by inspections performed by appropriate personnel. The required inspection scope consisted of a visual inspection to confirm the integrity of the SSDS piping and floor seals, confirmation that each blower is operating properly, photoionization detector (PID) background screening, documenting vacuum readings, and collection of differential pressure readings at each existing vacuum monitoring point. The routine check also notes any unusual conditions, if present (e.g., unusual odors, spills, leaks, blower noise, etc.).

An AKRF representative under the direction of the Remedial Engineer completed the annual inspection required within the reporting year in June 2022. In addition to the required inspection schedule, blower operation was observed during each semi-annual groundwater sampling visit. Additional details pertaining to the multiple, active SSDSs are included in the as-built drawings and operations manual in the Revised SMP.

2.2.3 Groundwater Monitoring and Sampling

A network of 17 monitoring wells were installed during the BCP RI to delineate the nature and extent of the PCE groundwater plume, and included well locations on-site, across the entire New City Plaza property, and on adjacent properties to the south and east. Soil boring and monitoring well construction logs are included in Appendix E of the November 2018 Revised SMP. Table 7 of the Revised SMP includes a summary of the well construction details, and the locations of the groundwater monitoring wells are shown on Figure 9 of the Revised SMP.

The complete network of monitoring wells was sampled on a quarterly basis during the first two years after the COC to assess the performance of the remedy. Based on the results of the previously completed quarterly monitoring program through December 2017, groundwater monitoring was approved by NYSDEC to continue on a semi-annual basis beginning in the 2018 reporting year until residual groundwater concentrations

meet the Remedial Action Objectives (RAOs) or an alternative schedule is approved by NYSDEC.

Groundwater monitoring was completed on a semi-annual basis during the reporting period to assess VOC concentrations. The wells were sampled based on the following schedule:

- PCE plume-related monitoring wells were sampled on a semi-annual basis (September 2021 and June 2022): MW-2R, MW-4, MW-6, MW-7, MW-8, MW-9, MW-14, and MW-19.
- Monitoring wells in addition to the PCE plume wells were sampled on an annual basis (June 2022): MW-11, MW-12, MW-13, MW-18, MW-24, MW-25, MW-26, and MW-28.
- Monitoring wells approved by NYSDEC to be removed from the program and were not sampled: MW-23, MW-27, MW-29, and Getty-7.

The groundwater sampling results are reviewed as part of the annual reporting requirements. Monitoring will continue, as determined in consultation with NYSDEC and NYSDOH, until residual groundwater concentrations are below NYSDEC standards or have become asymptotic over an extended period. The Revised SMP will be modified to reflect any future changes in sampling plans approved by NYSDEC. Deliverables for the groundwater monitoring program are specified in the following section.

2.2.4 Indoor Air Sampling

Indoor air sampling of off-site 7 East Evergreen was not performed in the 2021/2022 reporting period, as indicated by the Revised SMP. One on-site indoor air sample (IA-1) was collected from the former Boston Market (now Apple Bank) tenant space. This sample was collected as directed by the Revised SMP, and in consultation with NYSDEC, after the tenant space was vacated and remodeled, and the SSDS blower was replaced.

2.3 Monitoring Reporting Requirements

The Revised SMP requirement for reporting to NYSDEC includes semi-annual email summary reports and an annual PRR. The reporting requirements are maintained until the termination of the Environmental Easement. This PRR fulfills the annual reporting requirements for the March 22, 2021 to June 24, 2022 monitoring period.

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 Site Cover System

The cover was found to be intact, with no observable signs of damage or erosion that would affect the integrity and purpose of the site cap. No additional corrective actions were recommended following the completion of this reporting period. The Site Cover Inspection Form and System Monitoring Inspection Form documenting the results of the site inspection are provided in Appendix A.

3.2 SSDS Inspection Results

Each of the six active SSDSs remained on a continuous operation schedule. The layout and location of vacuum monitoring points for each SSDS are shown on Figure 4. The PVC piping and all floor seals were observed to be in good condition with no visible damage or deterioration. Volatile organic vapors were not detected with the PID during background screening. Vacuum readings for each SSDS piping line (applied vacuum) ranged from 0.25 to 16 inches of water. Differential pressure readings collected from the existing sub-slab vacuum monitoring points (SG-5, SG-6, SG-8, and SG-12 and SG-13) (induced vacuum) ranged from 0.015 to 0.667 inch of water and confirmed that negative pressure was maintained below the slab. The results for each inspection were documented on the System Monitoring Inspection Forms included in Appendix A. The air flow and differential pressure measurements were consistent with previous data.

3.3 Groundwater Monitoring Results

Attached Table 1 includes a record of each of the monitoring wells sampled during the reporting period. The depth-to-water measurements and the corresponding groundwater elevations dating back to 2007 are listed in Table 2. Figure 5 includes groundwater elevations based on the March 2021 measurements. The monitoring wells are located on the BCP Site, across the New City Plaza property, and on adjacent properties to the south and east, as shown on Figure 6.

The laboratory results for groundwater samples are included in Table 3, which includes a complete set of analytical results from all wells sampled throughout the history of the Site. Figure 6 includes the results for sampling periods from March 2014 through March 2021 (which includes the September 2015 remediation event) for the well set identified in the Revised SMP. Laboratory analytical reports and Data Useability Summary Reports (DUSRs) are included in Appendix B. All accessible monitoring wells were observed to be in good condition and secure to allow for future sampling events to continue as planned.

3.3.1 Water Level Summary

The depth-to-water data collected during each sampling visit indicated that the water table elevation at the New City Plaza property ranged from 149.48 feet in MW-25 (June 2022) located in the southwest corner to 134.07 feet in MW-27 (September 2021) located on the northern end of the plaza property in front of the Shop Rite grocery store. The water table measurements were based on top of casing elevations surveyed by Maser Consulting and refer to the NAVD88 vertical control datum. Water table fluctuations were consistent with established seasonal trends, where a higher elevation in a rainy spring after snow melt shifts to lower elevations in the fall after periods of dry summer weather. Water levels fell back to within the established historical range, but have remained on the higher side of that range after reaching the highest elevation since monitoring began in March 2019.

The water table elevations indicated that on-site groundwater flows from the Site building to the northwest and north towards the Demerest Kill Creek, and to the northeast towards Route 304. The elevations indicate that groundwater in the PCE release area flows in a northerly direction. Regional groundwater likely follows topography, flowing to the east to Route 304, which is the elevation low point for the area. The water table gradient across the Site ranged from 0.03 to 0.04 foot per foot (ft/ft).

3.3.2 Groundwater Sampling Observations and Analytical Results

Groundwater analytical results generated during the semi-annual/annual sampling events for VOCs are included as Table 3. A summary of recent laboratory results for contaminants of concern before, during, and after groundwater remediation is shown on Figure 6. Groundwater analytical reports are provided in Appendix B.

3.3.3 Groundwater Quality - On-Site Wells

MW-2/MW-2R

MW-2 was destroyed during the IRM remedial excavation completed in November 2010. In August 2015, MW-2R was installed as a replacement well for MW-2. MW-2 was located directly behind (east-adjacent) to the former Robbi J Cleaners, within the PCE release area, and within the chemical oxidation injection area.

PCE has been detected at MW-2/MW-2R at the following concentrations:

- 1,100 to 1,200 micrograms per liter (µg/l) during the 2007-2008 investigations
- 260 µg/l in September 2015 prior to groundwater remediation
- 2.9 µg/l in November 2015 directly after groundwater remediation
- A range of 15 µg/l to 140 µg/l from March 2016 through December 2017
- A range of 9.8 µg/l to 55 µg/l from March 2018 through September 2020
- A range of 5.5 µg/l to 48 µg/l from March 2021 through June 2022

PCE was detected during the current reporting period at concentrations of 34 µg/l (September 2021) and 48 µg/l (June 2022). TCE and cis-1,2 DCE results at MW-2R ranged from 1.7 µg/l to 2.6 µg/l during the current reporting period, which were below the NYSDEC Class GA Ambient Water Quality Standards (AWQS) of 5 µg/l for each compound.

PCE, TCE, and cis-1,2-DCE were detected in sample MW-X (a duplicate sample collected from MW-2R in September 2021) at concentrations of 34 µg/l, 1.7 µg/l, and 1.7 µg/l, respectively. The results for the duplicate sample were very consistent with the results for MW-2R, which provides additional assurance that the laboratory results can be relied upon.

The range of detected PCE concentrations for the current sampling period (September 2021 and June 2022) has continued a steady decline since post remediation sampling began in December 2015. The laboratory results indicate that the injection program was effective in reducing contaminant concentrations in the PCE source area, and the data indicate a long-term stable to declining trend. The marginal fluctuations in concentrations since the 2015 remediation event suggest that higher PCE concentrations present in upgradient wells have affected the treatment area.

MW-13

MW-13 is located approximately 15 feet east of the IRM excavation and is a deep well screened between approximately 48 to 58 feet below grade. During the latest sampling period, PCE was detected at a concentration of 68 µg/l, above the GA AWQS of 5 µg/l. TCE was detected at a concentration of 4.4 µg/l, which was below the GA AWQS. Cis-1,2 DCE was detected at a concentration of 8.2 µg/l, slightly above the GW AWQS of 5 µg/l.

The concentrations of PCE and TCE at MW-13, which represents the deeper aquifer below the source area with a downward gradient, suggest a stable and/or decreasing trend.

MW-6

MW-6 is located approximately 15 feet east and cross-gradient of the PCE source area, and was included within the eastern border of the chemical oxidation injection area. PCE detected at the following concentrations:

- 54 to 71 µg/l prior to groundwater remediation in September 2015
- 21 µg/l in November 2015 directly after groundwater remediation
- A range of 41 µg/l to 80 µg/l from March 2016 through December 2016
- A range of 4.9 µg/l to 50 µg/l from March 2017 through September 2019
- A range of 10 µg/l to 42 µg/l from March 2020 through June 2022

PCE was detected during the current reporting period at concentrations of 38 µg/l (September 2021) and 42 µg/l (June 2022). TCE and cis-1,2-DCE were detected at concentrations ranging from 2.9 to 4.4 µg/l, with each detection being below the AWQS of 5 µg/l.

The PCE detections have been consistent over the past three reporting periods, and the range of concentrations show evidence of steady decrease since post remediation sampling began in December 2015. The sampling results, combined with the cross-gradient location, suggest that the injection event had a positive influence on the area, but the presence of upgradient dissolved contamination may be affecting water quality at MW-6.

MW-4

MW-4 is located north-adjacent to the Boston Market tenant space, approximately 50 feet northwest of the PCE source area and 25 feet northwest of the remedial injection area. PCE concentrations ranged from 19 µg/l to 100 µg/l prior to groundwater treatment, with most results falling within the 60 µg/l to 70 µg/l range. PCE was detected at a concentration of 28 µg/l after treatment and ranged from 37 µg/l to 61 µg/l from 2016 through September 2018, and 47 µg/l to 57 µg/l from March 2019 through June 2022. PCE was detected at a concentration of 47 µg/l (September 2021) and 49 µg/l (June 2022). TCE and cis-1,2 DCE ranged from 4.4 µg/l to 6.8 µg/l during the recent monitoring period, with cis-1,2-DCE detections above the GA AWQS, and TCE detections below the GA AWQS.

The groundwater flow direction indicted by the groundwater contour map and the groundwater monitoring results suggest that MW-4 is located on the periphery of the injection influence area. Potential injection-influenced reductions were observed following the remedial activities, with a slow return toward pre-treatment conditions

through 2018, and a stabilized trend through 2022. Based on groundwater elevations, upgradient groundwater quality may be affecting MW-4.

MW-7

MW-7 is located west-adjacent to the Dunkin Donuts tenant space and approximately 75 feet west (cross-gradient to downgradient) of the source area. During the September 2021 to June 2022 sampling period, PCE was detected at concentrations of 47 µg/l and 48 µg/l, with each detection above the GA AWQS of 5 µg/l. The concentration of PCE ranged from 42 µg/l to 73 µg/l prior to the injection program. TCE and 1,2-DCE were detected during both sampling events at concentrations ranging from 4.9 µg/l to 7.5 µg/l, with the concentrations of 1,2-DCE (7.2 to 7.5 µg/l) above the GA AWQS. The results for PCE, TCE and 1,2-DCE were consistent with the previous post-remediation laboratory results.

The water level data and laboratory results suggest that groundwater remediation may have had a peripheral influence, but MW-7 could also be affected by other upgradient (off-site) sources.

MW-8

MW-8 is located east-adjacent to the Verizon Wireless tenant space and approximately 100 feet south (upgradient) of the source area. PCE was detected during the reporting period at concentrations of 55 µg/l and 40 µg/l, which exceeded the GA AWQS of 5 µg/l. TCE and cis-1,2 DCE were detected between 3.3 µg/l and 6.9 µg/l. One of the two cis-1,2 DCE detections (6.9 µg/l in September 2021) was above the GW AWQS of 5 µg/l.

The results for PCE, TCE, and cis-1,2 DCE were consistent with historical data and document the conditions flowing into the treatment area.

MW-14

MW-14 is located in the parking area west of the Boston Market and approximately 125 feet west-northwest (downgradient) of the source area. During the reporting period, PCE was not detected in September 2021, but was detected at a concentration of 9.1 µg/l in June 2022. The concentration of PCE in June 2022 exceeded the AWQS. TCE and cis-1,2-DCE were not detected in September 2021, but were detected at concentrations between 1.6 µg/l and 2.8 µg/l in June 2022, with each result below the AWQS. Vinyl chloride (VC) was not detected during the reporting period. VC has been detected sporadically at MW-14 since the 2017 sampling year. VC is part of the PCE breakdown pathway, which follows the anaerobic degradation of cis-1,2 DCE and may indicate attenuation in this area.

The MW-14 PCE concentrations ranged from 32 to 63 µg/l between the IRM excavation in November 2010 through the remedial injection in September 2015. Since the injection program in September 2015, the PCE concentrations have ranged from 1.8 to 44 µg/l through September 2018, and 1.1 µg/l to 9.1 µg/l from March 2019 to June 2022. The range of concentrations over time indicate a decline in peak concentrations, with more plume stable conditions.

PCE, TCE, and cis-1,2-DCE were detected in sample MW-X (a duplicate sample collected from MW-14 in June 2022) at concentrations of 10 µg/l, 1.9 µg/l, and 2.9 µg/l, respectively. The results for the duplicate sample were very consistent with the results for MW-14, which provides additional assurance that the laboratory results can be relied upon.

MW-18

MW-18 is located south-adjacent to the former Getty gasoline station and approximately 200 feet northwest (downgradient) of the source area. During the June 2022 sampling event, PCE, TCE and cis-1,2-DCE were detected at concentrations of 51 µg/l, 3.2 µg/l, and 2.5 µg/l, respectively. The PCE concentration exceeded the GA AWQS of 5 µg/l.

Since March 2017, the results indicate a stable and/or downward trend.

3.3.4 Off-Site Wells – Cross-Gradient/Downgradient

Monitoring wells located side-gradient/downgradient of the BCP Site included MW-9, MW-11, MW-12, MW-19, MW-24, MW-26 and MW-28. Monitoring wells MW-9, MW-19, MW-26, and MW-28 are located on the New City Plaza property but beyond the BCP boundary. MW-11, MW-12, and MW-24 are located on East Evergreen Street.

MW-9

MW-9 was not sampled during the June 2022 sampling event, as it was previously paved over during remodeling efforts at the Plaza. AKRF was unable to locate MW-9 using a metal detector, and a replacement well should be considered.

MW-9 is located approximately 150 feet north (downgradient) of the PCE source area. PCE was detected at a concentration of 52 µg/l during the September 2019 sampling event, which exceeded the GA AWQS of 5 µg/l. The 2017 to 2019 range of PCE concentrations (48 µg/l to 56 µg/l) was lower than the pre-remediation concentrations (67 to 110 µg/l) at MW-9.

MW-11

MW-11 is located on the northern end of East Evergreen Street, approximately 250 feet northeast of the PCE release area. Based on elevation and location, this well is cross-gradient to the established flow path from the PCE release area. PCE was detected in MW-11 during the June 2022 monitoring event at a concentration of 86 µg/l. TCE and cis-1,2 DCE were detected during the same event at concentrations of 7.2 and 11 µg/l, respectively, with each detection exceeding the GA AWQS.

The results were consistent with previous sampling data; no significant changes were noted in these wells prior to or after the October 2015 injection event.

MW-19

MW-19 is located approximately 200 feet north of the source area. During the September 2020 and March 2021 monitoring events, PCE was detected at concentrations of 99 µg/l and 68 µg/l, respectively, above the GA AWQS. TCE was detected in each of the two sampling events, between concentrations of 20 µg/l and 26 µg/l, all exceeding the GA AWQS. Cis-1,2 DCE was detected at concentrations ranging from 65 to 76 µg/l, with each detection above the GW AWQS.

The PCE concentrations at MW-19 have declined for four straight sampling events; the June 2022 concentration was the lowest since sampling began in March 2014.

MW-26

MW-26, installed in December 2012, is located approximately 220 feet northwest (downgradient) of the PCE source area and east-adjacent to the former Getty gasoline

station. PCE, TCE and cis-1,2-DCE were not detected during the June 2022 sampling event. The laboratory results are consistent with sampling data from previous events.

MW-12 and MW-24

PCE was detected in these wells during the March 2021 sampling event at concentrations ranging from 55 to 87 µg/l, with each detection exceeding the GA AWQS. TCE and cis-1,2 DCE were detected in the wells during the sampling period at concentrations ranging from 2.7 µg/l to 12 µg/l. The TCE concentration in MW-12 exceeded the GA AWQS, whereas the detected 1,2-DCE concentrations exceeded the AWQS at both MW-12 and MW-24.

MW-12 and MW-24 are located on the southern end of East Evergreen Street, approximately 250 to 275 feet southeast of the PCE release area. Although the groundwater elevation in the PCE source area is slightly higher than the groundwater elevation at MW-12 and MW-24, groundwater contours and documented field data indicate that these wells are cross-gradient and not near the established northern flow path from the PCE release area. The groundwater quality is considered to have been affected by an upgradient source.

The concentrations of PCE, TCE, and cis-1,2-DCE from the March 2021 sampling event were consistent with previous sampling events.

MW-28

MW-28, installed in December 2012, is located on the New City Plaza property in the parking lot west of the Shop Rite grocery store, approximately 400 feet north of the PCE release area. PCE was detected during the June 2022 sampling event at a concentration of 50 µg/l, above the GA AWQS. TCE was detected at a concentration of 3.1 µg/l, below the GA AWQS. Cis-1,2 DCE was detected at a concentration of 3.0 µg/l, also below the GA AWQS of 5 µg/l.

The concentrations detected in the June 2022 sampling period are consistent with historic quarterly monitoring data.

3.3.5 Off-site Wells - Upgradient

Off-site monitoring well MW-25 is located upgradient of the Site and was included during the March 2021 to June 2022 monitoring period.

MW-25

MW-25 was first sampled in February 2013 and is located in the southwestern corner of the New City Plaza property, approximately 275 feet from the PCE source area. The water table elevation at MW-25 is approximately 5 feet higher than the water table in the release area. PCE was detected during the March 2021 sampling event at a concentration of 32 µg/l. TCE and cis-1,2 DCE were reported at concentrations of 5.7 and 11 µg/l, respectively, with each detection exceeding the GA AWQS of 5 µg/l.

The groundwater analytical results at MW-25 are consistent with historical data and have remained generally higher in total concentration than the established sampling data for the on-site plume wells.

3.3.6 Groundwater Summary

The depth to groundwater measurements were generally consistent with previous data, and fell back into the established seasonal trend after reaching the highest measured

elevation in March 2019. The water table elevation measurements indicated that groundwater flows from the PCE release area to the north toward MW-9. The northern flow direction was supported by the post-injection observations documented from December 2015 through March 2016, when purple permanganate injection liquid was observed in MW-4 and MW-9, but was not observed in MW-11, MW-19, MW-20, or MW-26. The purple color was lighter in MW-4 (25 feet from the injection area) than MW-9 (150 from the injection area), suggesting that MW-4 was on the western edge of the flow path and MW-9 was in the middle of the flow path. The groundwater flow data correlates with the laboratory results, as PCE concentrations in the source area (MW-2R and MW-6) and the area north of the source area (MW-4 and MW-9), are showing the positive effects of the injection program.

Results for the wells located on the upgradient property boundary (MW-24 and MW-25) and the wells on East Evergreen Street (MW-11 and MW-12) contain PCE concentrations consistent with or higher than the wells surrounding the downgradient on-site source area. The groundwater contour map suggests that these wells receive groundwater flow from the properties south and upgradient of the New City Plaza property. These wells contain PCE concentrations consistent with the release area, but the laboratory results and groundwater flow data indicate that an additional upgradient and off-site source area(s) may be affecting groundwater quality at the Site.

The groundwater quality monitoring indicates that the chemical oxidation injection program completed in September 2015 was effective in reducing contamination in the PCE source area. Notwithstanding, upgradient sources may be influencing water quality in the on-site PCE source area.

3.3.7 Purged Groundwater

During the reporting period, two 55-gallon drums of purged groundwater were shipped under manifest by a licensed hauler and properly disposed of at Veolia ES Technical Solutions, LLC, in Flanders, New Jersey. Laboratory data was used to characterize the purge water stored in two 55-gallon drums and apply for a "Contained-In" determination from NYSDEC. An August 4, 2022 letter from NYSDEC included a "Contained-In" approval, based on the analytical testing results, which allowed the drums to be managed and disposed of as non-hazardous liquid waste. Disposal was completed on August 9, 2022, and documentation associated with the purged groundwater drum is included in Appendix C.

3.4 Indoor Air Monitoring

On September 29, 2021, indoor air sample IA-1 was collected from the Apple Bank (former Boston Market) tenant space. A duplicate sample (IA-X) and outdoor ambient air sample (AA) were also collected for QA/QC purposes. The samples were collected in accordance with the Revised SMP and included use of a 6-liter summa canister fitted with an 8-hour flow controller.

PCE was detected in indoor air sample IA-1 at an estimated concentration of 0.39 micrograms per cubic meter ($\mu g/m^3$), which was below the indoor air guidance value. PCE was not detected in the duplicate sample. PCE was detected in the ambient air sample at a concentration of 2.2 $\mu g/m^3$. TCE and cis-1,2 DCE were not detected in the indoor air or ambient air samples. Several additional petroleum type compounds and refrigerants, not related to the constituents of concern, were detected at concentrations consistent with background conditions.

The indoor air sampling results confirmed that the SSDS for Apple Bank is continuing to be effective in minimizing vapor intrusion.

3.5 Health and Safety Monitoring

The Health and Safety Plan (HASP), a component of the Revised 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 Plan (CAMP), which establishes protocols for VOC and particulate air monitoring to be conducted at the Site perimeter if work zone perimeter concentrations approach the applicable community action levels.

Because there was no soil disturbance or breaches of the site cover system during the reporting period, no air monitoring was performed. During groundwater monitoring, field personnel followed the HASP protocol using modified Level D personal protective equipment (PPE), including nitrile gloves and safety glasses.

4.0 IC/EC CERTIFICATION

A Site-wide inspection was conducted on June 24, 2022, as specified in the Revised SMP, to ensure that all aspects of the remedy were in-place and effective. A copy of the Site-Wide Inspection form is included in Appendix A. Based on the Site-wide inspection and the data evaluation summarized in this report, the following certification is made for the Site, as documented in the IC-EC Certification form provided in Appendix D:

1. 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;
2. Nothing has occurred that would impair the ability of such control to protect public health and the environment;
3. Nothing has occurred the would constitute a violation or failure to comply with any Site Management Plan for this control; and
4. 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.

5.0 SITE MANAGEMENT SCHEDULE

The site management requirements identified in the Revised SMP for the June 2022 to June 2023 monitoring year is outlined in Table T2.

Table T2
Future Monitoring/Inspection Plan

Monitoring Program	Next Scheduled Event	Frequency*	Purpose	Analysis
Site Cover System	March 2023	Annually	Cover System Integrity	Visual Inspection of Conditions
Groundwater Monitoring and Sampling	November 2022 and March 2023	Semi Annual: Site specific PCE Release Area Wells Annually: Expanded Site-Wide Well Set	Groundwater	VOCs by EPA Method 8260
SSDS Detailed Operations Inspections	March 2023	Annually	SSDS System Operations	Visual Inspection, Field Screening (PID) and recording system readings (vacuum/flow) and vacuum at monitoring points
On-Site Indoor Air Sampling	Not Scheduled	Determined in Consultation with NYSDEC	On-Site Indoor Air Quality	VOCs by EPA Method TO-15

In accordance with the Revised SMP schedule, indoor air monitoring is no longer being completed at the off-site 7 East Evergreen Street location.

5.1 Groundwater Monitoring

Semi-annual groundwater monitoring will continue during the June 2022 to June 2023 monitoring period, and will include the following frequency and well roster as documented in the Revised SMP:

- Site-related wells to be sampled on a semi-annual basis: MW-2R, MW-4, MW-6, MW-7, MW-8, MW-9, MW-14, and MW-19.
- Additional wells to be sampled on an annual basis: MW-11, MW-12, MW-13, MW-18, MW-24, MW-25, MW-26, and MW-28.

5.2 Inspections

An annual site inspection of the site cover system and SSDS operations will continue for the June 2022 to June 2023 monitoring year.

5.3 Request for Modification to the Revised SMP

Post-COC groundwater sampling has been completed in accordance with the NYSDEC-approved SMP, including revisions #1 and #2. Sampling has been conducted on a quarterly basis (2015 to 2017) and a semi-annual basis (2018 to present) under post-COC site management. The post-COC groundwater monitoring results have continued to show, as documented in this PRR, that the IRM and the site remedy have been effective in reducing the contaminant load in the documented source area and maintaining the remedial action objectives throughout the site

management period. The groundwater monitoring results in and downgradient of the release area have shown asymptotic stability related to compliance. At this stage of site management, this PRR includes a request to modify the Revised SMP to change the sampling frequency from semi-annual to annual. The proposed annual sampling would be completed in March 2023 and include the expanded list of wells identified in Section 5.1. The Revised SMP will be modified to reflect the schedule changes indicated in this section. Any modifications will be submitted to NYSDEC and NYSDOH for review and approval.

TABLES

Table 1
New City Plaza
New City, NY
Groundwater Sampling Log

Soil Boring/ Monitoring Well	Install Date	Groundwater Sampling Event											
		Jun-07	Aug-08	Mar-10	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Jan-13	Mar-13	Sep-13	Dec-13
SB/MW-1	1/17/2006	X	X										
SB/MW-2	1/18/2006	X	X										
MW-2R	8/6/2015												
SB/MW-4	1/18/2006	X	X		X	X	X	X	X		X	X	X
SB/MW-6	1/18/2006	X	X	X	X	X	X	X	X		X	X	X
SB/MW-7	5/22/2007	X	X		X	X	X	X	X		X	X	X
SB/MW-8	5/25/2007	X	X		X	X	X	X	X		X	X	X
SB/MW-9	5/24/2007	X	X		X	X	X	X	X		X	X	X
SB/MW-11	5/29/2007	X	X	X	X	X	X	X	X		X	X	X
SB/MW-12	5/29/2007	X	X	X	X	X	X	X	X		X	X	X
SB/MW-13	5/30/2007	X	X		X	X	X	X	X		X	X	X
SB/MW-14	5/22/2007	X	X		X	X	X	X	X		X	X	X
SB/MW-17	7/22/2008		X		X								
SB/MW-18	7/29/2008	X	X		X	X	X	X	X		X	X	X
SB/MW-19	7/30/2008	X	X		X	X	X	X	X		X	X	X
SB/MW-20	7/31/2008	X	X	X	X	X	X	X	X		X	X	X
SB/MW-21	8/1/2008	X	X										
SB/MW-22	7/31/2008	X	X										
SB/MW-23	11/18/2013												X
SB/MW-24	1/7/2013									X	X	X	X
SB/MW-25	12/7/2012									X	X	X	X
SB/MW-26	12/7/2012									X	X	X	X
SB/MW-27	1/18/2013												X
SB/MW-28	12/7/2012									X	X	X	X
SB/MW-29	11/19/2013												X
Getty-7*	NA											X	X

* - Monitoring well "Getty-7" was installed on the project site by the owner of the Getty service station while investigating a petroleum spill, installation and construction details are unknown.

Table 1
New City Plaza
New City, NY
Groundwater Sampling Log

Soil Boring/ Monitoring Well	Install Date	Groundwater Sampling Event												
		Mar-14	Jun-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16
SB/MW-1	1/17/2006													
SB/MW-2	1/18/2006													
MW-2R	8/6/2015								X	X	X	X	X	X
SB/MW-4	1/18/2006	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-6	1/18/2006	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-7	5/22/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-8	5/25/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-9	5/24/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-11	5/29/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-12	5/29/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-13	5/30/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-14	5/22/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-17	7/22/2008													
SB/MW-18	7/29/2008	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-19	7/30/2008	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-20	7/31/2008	X	X	X	X	X		X	X	X	X	X	X	X
SB/MW-21	8/1/2008													
SB/MW-22	7/31/2008													
SB/MW-23	11/18/2013	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-24	1/7/2013	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-25	12/7/2012	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-26	12/7/2012	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-27	1/18/2013	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-28	12/7/2012	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-29	11/19/2013	X	X	X	X	X	X	X	X	X	X	X	X	
Getty-7*	NA	X	X	X	X	X	X	X	X	X	X	X	X	X

Table 1
New City Plaza
New City, NY
Groundwater Sampling Log

Soil Boring/ Monitoring Well	Install Date	Groundwater Sampling Event												
		Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sept-19	Mar-20	Sept-20	Mar-21	Sept-21	June-22
SB/MW-1	1/17/2006													
SB/MW-2	1/18/2006													
MW-2R	8/6/2015	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-4	1/18/2006	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-6	1/18/2006	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-7	5/22/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-8	5/25/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-9	5/24/2007	X	X	X	X	X	X	X	X					
SB/MW-11	5/29/2007	X	X	X	X	X		X		X		X		X
SB/MW-12	5/29/2007	X	X	X	X	X		X		X		X		X
SB/MW-13	5/30/2007	X	X	X	X	X		X		X		X		X
SB/MW-14	5/22/2007	X	X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-17	7/22/2008													
SB/MW-18	7/29/2008	X	X	X	X	X		X		X		X		X
SB/MW-19	7/30/2008		X	X	X	X	X	X	X	X	X	X	X	X
SB/MW-20	7/31/2008	X	X	X	X									
SB/MW-21	8/1/2008													
SB/MW-22	7/31/2008													
SB/MW-23	11/18/2013	X	X	X	X	X								
SB/MW-24	1/7/2013	X	X	X	X	X		X		X		X		X
SB/MW-25	12/7/2012	X	X	X	X	X		X		X		X		X
SB/MW-26	12/7/2012	X	X	X	X	X		X		X		X		X
SB/MW-27	1/18/2013	X	X	X	X	X								
SB/MW-28	12/7/2012	X	X	X	X	X		X		X		X		X
SB/MW-29	11/19/2013	X	X	X	X									
Getty-7*	NA	X	X	X	X	X								

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-1	1/17/2006	19.50	4.50	18.50	150.07	149.31	6/28/2007	9.90	10.66	139.41
							8/4/2008	9.78	10.54	139.53
MW-2	1/18/2006	13.75	4.75	12.75	151.2	150.77	6/28/2007	6.33	6.76	144.44
							8/4/2008	6.35	6.78	144.42
MW-2R	8/6/2015	12.80	NS	NS	NS	NS	9/11/2015	6.91	NS	NS
							11/30/2015	6.88	NS	NS
							3/21/2016	6.75	NS	NS
							6/20/2016	6.40	NS	NS
							9/19/2016	6.97	NS	NS
							12/27/2016	5.98	NS	NS
							3/21/2017	5.23	NS	NS
							6/28/2017	5.85	NS	NS
							9/22/2017	6.47	NS	NS
							12/11/2017	6.66	NS	NS
							3/14/2018	4.84	NS	NS
							9/20/2018	4.91	NS	NS
							3/22/2019	4.49	NS	NS
							9/9/2019	6.26	NS	NS
							3/27/2020	5.52	NS	NS
							9/16/2020	6.64	NS	NS
							3/2/2021	5.13	NS	NS
							9/27/2021	5.86	NS	NS
							6/23/2022	5.71	NS	NS
MW-4	1/18/2006	13.65	4.65	12.65	149.23	148.89	6/28/2007	8.24	8.58	140.65
							8/4/2008	7.95	8.29	140.94
							12/20/2011	6.18	6.52	142.71
							3/14/2012	6.58	6.92	142.31
							6/25/2012	6.67	7.01	142.22
							9/26/2012	7.21	7.55	141.68
							12/11/2012	7.10	7.44	141.79
							3/20/2013	6.10	6.44	142.79
							6/19/2013	5.75	6.09	143.14
							9/19/2013	7.12	7.46	141.77
							12/11/2013	7.07	7.41	141.82
							3/5/2014	5.92	6.26	142.97
							6/23/2014	6.28	6.62	142.61
							9/29/2014	7.23	7.57	141.66
							12/10/2014	6.37	6.71	142.52
							3/16/2015	5.72	6.06	143.17
							6/22/2015	6.46	6.80	142.43
							9/11/2015	7.32	7.66	141.57
							11/30/2015	6.87	7.21	142.02
							3/21/2016	6.00	6.34	142.89
							6/20/2016	6.63	6.97	142.26
							9/19/2016	6.91	7.25	141.98
							12/27/2016	6.02	6.36	142.87
							3/21/2017	5.55	5.89	143.34
							6/27/2017	5.80	6.14	143.09
							9/27/2017	6.40	6.74	142.49
							12/11/2017	6.47	6.81	142.42
							3/15/2018	5.25	5.59	143.64
							9/18/2018	5.60	5.94	143.29
							3/22/2019	4.08	4.42	144.81
							9/9/2019	6.11	6.45	142.78
							3/27/2020	5.89	6.23	143.00
							9/16/2020	6.40	6.74	142.49
							3/3/2021	5.50	5.84	143.39
							9/27/2021	5.90	6.24	142.99
							6/23/2022	5.83	6.17	143.06

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-6	1/18/2006	17.70	3.70	16.70	151.15	150.8	6/28/2007	6.66	7.01	144.14
							8/4/2008	6.40	6.75	144.40
							3/25/2010	4.17	4.52	146.63
							12/20/2011	5.28	5.63	145.52
							3/14/2012	5.66	6.01	145.14
							6/27/2012	5.99	6.34	144.81
							9/26/2012	6.55	6.90	144.25
							12/11/2012	6.40	6.75	144.40
							3/21/2013	5.20	5.55	145.60
							6/19/2013	4.95	5.30	145.85
							9/18/2013	6.50	6.85	144.30
							12/12/2013	6.51	6.86	144.29
							6/23/2014	5.74	6.09	145.06
							9/25/2014	6.88	7.23	143.92
							12/11/2014	5.97	6.32	144.83
							3/16/2015	4.83	5.18	145.97
							6/22/2015	6.00	6.35	144.80
							9/9/2015	7.17	7.52	143.63
							11/30/2015	7.02	7.37	143.78
							3/21/2016	6.00	6.35	144.80
							6/20/2016	6.57	6.92	144.23
							9/19/2016	7.13	7.48	143.67
							12/27/2016	6.09	6.44	144.71
							3/21/2017	4.81	5.16	145.99
							6/28/2017	3.98	4.33	146.82
							9/22/2017	6.55	6.90	144.25
							12/11/2017	6.83	7.18	143.97
							3/14/2018	4.76	5.11	146.04
							9/20/2018	4.92	10.27	145.88
							3/29/2019	4.78	5.13	146.02
							9/9/2019	6.26	6.61	144.54
							3/27/2020	5.77	6.12	145.03
							9/16/2020	6.71	7.06	144.09
							3/2/2021	5.01	5.36	145.79
							9/29/2021	5.89	6.24	144.91
							6/23/2022	5.80	6.15	145.00
MW-7	5/22/2007	17.80	6.80	16.80	150.98	150.55	6/28/2007	11.44	11.87	139.11
							8/4/2008	11.36	11.79	139.19
							12/22/2011	10.13	10.56	140.42
							3/15/2012	10.56	10.99	139.99
							6/26/2012	10.71	11.14	139.84
							9/26/2012	11.47	11.90	139.08
							12/12/2012	11.26	11.69	139.29
							3/20/2013	10.06	10.49	140.49
							6/20/2013	9.78	10.21	140.77
							9/18/2013	11.30	11.73	139.25
							12/10/2013	11.11	11.54	139.44
							6/23/2014	10.11	10.54	140.44
							9/29/2014	11.38	11.81	139.17
							12/10/2014	10.49	10.92	140.06
							3/16/2015	9.70	10.13	140.85
							6/22/2015	10.49	10.92	140.06
							9/9/2015	11.52	11.95	139.03
							11/24/2015	11.49	11.92	139.06
							3/21/2016	10.08	10.51	140.47
							6/20/2016	10.58	11.01	139.97
							9/19/2016	11.17	11.60	139.38
							12/21/2016	10.31	10.74	140.24
							3/20/2017	9.56	9.99	140.99
							6/27/2017	9.61	10.04	140.94
							9/26/2017	10.31	10.74	140.24
							12/14/2017	10.45	10.88	140.10
							3/15/2018	9.25	9.68	141.30
							9/20/2018	9.47	9.90	141.08
							3/29/2019	8.21	8.64	142.34
							9/9/2019	9.62	10.05	140.93
							3/27/2020	8.95	9.38	141.60
							9/16/2020	9.98	10.41	140.57
							3/3/2021	8.71	9.14	141.84
							9/29/2021	9.31	9.74	141.24
							6/24/2022	9.05	9.48	141.50

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-8	5/25/2007	14.80	3.80	13.80	153.39	152.96	6/28/2007	7.01	7.44	145.95
							8/4/2008	7.16	7.59	145.80
							12/21/2011	5.88	6.31	147.08
							3/15/2012	6.52	6.95	146.44
							6/27/2012	6.76	7.19	146.20
							9/27/2012	7.35	7.78	145.61
							12/10/2012	7.12	7.55	145.84
							3/21/2013	6.08	6.51	146.88
							6/20/2013	4.80	5.23	148.16
							9/19/2013	7.22	7.65	145.74
							12/11/2013	7.30	7.73	145.66
							6/23/2014	6.42	6.85	146.54
							9/25/2014	7.71	8.14	145.25
							12/11/2014	6.70	7.13	146.26
							3/16/2015	6.02	6.45	146.94
							6/22/2015	6.72	7.15	146.24
							9/9/2015	7.91	8.34	145.05
							11/30/2015	7.76	8.19	145.20
							3/21/2016	6.71	7.14	146.25
							6/20/2016	7.26	7.69	145.70
							9/19/2016	7.84	8.27	145.12
							12/27/2016	6.86	7.29	146.10
							3/21/2017	6.30	6.73	146.66
							6/28/2017	6.60	7.03	146.36
							9/27/2017	7.26	7.69	145.70
							12/11/2017	7.44	7.87	145.52
							3/14/2018	6.09	6.52	146.87
							9/20/2018	6.50	6.93	146.46
							3/29/2019	5.41	5.84	147.55
							9/9/2019	6.79	7.22	146.17
							3/27/2020	6.17	6.60	146.79
							9/16/2020	7.21	7.64	145.75
							3/3/2021	5.92	6.35	147.04
							9/29/2021	6.38	6.81	146.58
							6/24/2022	6.22	6.65	146.74
MW-9	5/24/2007	15.95	4.95	14.95	147.9	147.34	6/28/2007	8.95	9.51	138.39
							8/4/2008	9.00	9.56	138.34
							12/20/2011	7.61	8.17	139.73
							3/14/2012	8.11	8.67	139.23
							6/26/2012	8.25	8.81	139.09
							9/25/2012	8.92	9.48	138.42
							12/12/2012	8.71	9.27	138.63
							3/19/2013	7.75	8.31	139.59
							6/19/2013	7.33	7.89	140.01
							9/17/2013	8.82	9.38	138.52
							12/11/2013	8.67	9.23	138.67
							6/23/2014	7.66	8.22	139.68
							9/30/2014	8.90	9.46	138.44
							12/11/2014	8.16	8.72	139.18
							3/16/2015	7.30	7.86	140.04
							6/22/2015	8.15	8.71	139.19
							9/11/2015	9.06	9.62	138.28
							11/24/2015	8.99	9.55	138.35
							3/21/2016	7.60	8.16	139.74
							6/20/2016	8.02	8.58	139.32
							9/19/2016	8.52	9.08	138.82
							12/22/2016	7.65	8.21	139.69
							3/21/2017	7.08	7.64	140.26
							6/27/2017	7.19	7.75	140.15
							9/26/2017	7.63	8.19	139.71
							12/12/2017	7.93	8.49	139.41
							3/15/2018	6.85	7.41	140.49
							9/18/2018	7.09	7.65	140.25
							3/28/2019	6.70	7.26	140.64
							9/9/2019	7.38	7.94	139.96
							(Paved Over)			

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-10	5/24/2007	16.00	4.00	15.00	148.4	147.79	6/28/2007	10.98	11.59	136.81
							8/4/2008	9.93	10.54	137.86
MW-11	5/29/2007	15.00	4.00	14.00	140.96	140.4	6/28/2007	5.72	6.28	134.68
							8/4/2008	5.44	6.00	134.96
							3/25/2010	4.25	4.81	136.15
							12/27/2011	5.05	5.61	135.35
							3/13/2012	5.35	5.91	135.05
							6/27/2012	5.83	6.39	134.57
							9/27/2012	6.40	6.96	134.00
							12/10/2012	5.75	6.31	134.65
							3/18/2013	5.10	5.66	135.30
							6/21/2013	4.91	5.47	135.49
							9/16/2013	6.72	7.28	133.68
							12/10/2013	5.85	6.41	134.55
							6/23/2014	5.63	6.19	134.77
							9/26/2014	6.47	7.03	133.93
							12/8/2014	5.45	6.01	134.95
							3/16/2015	4.56	5.12	135.84
							6/22/2015	5.49	6.05	134.91
							9/2/2015	6.44	7.00	133.96
							11/23/2015	5.94	6.50	134.46
							3/21/2016	3.90	4.46	136.50
							6/20/2016	4.32	4.88	136.08
							9/19/2016	4.61	5.17	135.79
							12/21/2016	3.23	3.79	137.17
							3/21/2017	2.80	3.36	137.60
							6/28/2017	3.09	3.65	137.31
							9/25/2017	3.72	4.28	136.68
							12/12/2017	3.24	3.80	137.16
							3/16/2018	2.28	2.84	138.12
							3/28/2019	1.30	1.86	139.10
							9/9/2019	3.01	3.57	137.39
							3/27/2020	1.98	2.54	138.42
							9/16/2020	3.19	3.75	137.21
							3/5/2021	1.28	1.84	139.12
							6/24/2022	2.23	2.79	138.17
MW-12	5/29/2007	15.90	4.90	14.90	145.92	145.39	6/28/2007	6.09	6.62	139.30
							8/4/2008	6.00	6.53	139.39
							3/25/2010	4.21	4.74	141.18
							12/27/2011	4.61	5.14	140.78
							3/13/2012	5.06	5.59	140.33
							6/27/2012	5.28	5.81	140.11
							9/27/2012	5.81	6.34	139.58
							1/4/2013	4.95	5.48	140.44
							3/18/2013	4.90	5.43	140.49
							6/21/2013	4.55	5.08	140.84
							9/16/2013	5.64	6.17	139.75
							12/9/2013	5.35	5.88	140.04
							6/23/2014	5.30	5.83	140.09
							9/26/2014	5.95	6.48	139.44
							12/8/2014	5.98	6.51	139.41
							3/16/2015	4.51	5.04	140.88
							6/22/2015	5.19	5.72	140.20
							9/3/2015	6.02	6.55	139.37
							11/23/2015	5.54	6.07	139.85
							3/21/2016	4.06	4.59	141.33
							6/20/2016	5.12	5.65	140.27
							9/19/2016	5.33	5.86	140.06
							12/20/2016	4.52	5.05	140.87
							3/20/2017	4.46	4.99	140.93
							6/28/2017	4.60	5.13	140.79
							9/25/2017	4.82	5.35	140.57
							12/12/2017	4.61	5.14	140.78
							3/16/2018	4.68	5.21	140.71
							3/27/2019	4.09	4.62	141.30
							9/9/2019	4.63	5.16	140.76
							3/27/2020	4.32	4.85	141.07
							9/16/2020	4.64	5.17	140.75
							3/5/2021	3.81	4.34	141.58
							6/24/2022	4.18	4.71	141.21

Table 2
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Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-13	5/30/2007	59.70	48.70	58.70	151.03	150.6	6/28/2007	12.59	13.02	138.01
							8/4/2008	12.65	13.08	137.95
							12/20/2011	11.81	12.24	138.79
							3/15/2012	12.30	12.73	138.30
							6/28/2012	12.76	13.19	137.84
							9/26/2012	13.40	13.83	137.20
							12/11/2012	12.92	13.35	137.68
							3/21/2013	11.78	12.21	138.82
							6/19/2013	11.42	11.85	139.18
							9/19/2013	13.30	13.73	137.30
							12/12/2013	12.97	13.40	137.63
							6/23/2014	12.43	12.86	138.17
							9/25/2014	13.44	13.87	137.16
							12/11/2014	12.30	12.73	138.30
							3/16/2015	11.50	11.93	139.10
							6/22/2015	12.46	12.89	138.14
							9/11/2015	13.62	14.05	136.98
							11/30/2015	10.38	10.81	140.22
							3/21/2016	11.23	11.66	139.37
							6/20/2016	11.74	12.17	138.86
							9/19/2016	12.12	12.55	138.48
							12/27/2016	10.63	11.06	139.97
							3/21/2017	11.01	11.44	139.59
							6/28/2017	10.52	10.95	140.08
							9/22/2017	11.11	11.54	139.49
							12/11/2017	11.05	11.48	139.55
							3/14/2018	9.13	9.56	141.47
							3/22/2019	8.83	9.26	141.77
							9/9/2019	10.40	10.83	140.20
							3/27/2020	9.50	9.93	141.10
							9/16/2020	10.73	11.16	139.87
							3/2/2021	8.95	9.38	141.65
							6/24/2022	9.63	10.06	140.97
MW-14	5/22/2007	17.70	3.70	16.70	147.48	147.12	6/28/2007	9.02	9.38	138.10
							8/4/2008	8.75	9.11	138.37
							12/22/2011	7.63	7.99	139.49
							3/14/2012	8.04	8.40	139.08
							6/26/2012	8.20	8.56	138.92
							9/25/2012	8.85	9.21	138.27
							12/12/2012	8.61	8.97	138.51
							3/20/2013	7.52	7.88	139.60
							6/20/2013	7.31	7.67	139.81
							9/18/2013	8.67	9.03	138.45
							12/10/2013	8.45	8.81	138.67
							6/23/2014	7.51	7.87	139.61
							9/29/2014	8.65	9.01	138.47
							12/10/2014	8.20	8.56	138.92
							3/16/2015	6.95	7.31	140.17
							6/22/2015	7.48	7.84	139.64
							9/9/2015	8.83	9.19	138.29
							11/24/2015	8.61	8.97	138.51
							3/21/2016	7.41	7.77	139.71
							6/20/2016	7.85	8.21	139.27
							9/19/2016	8.35	8.71	138.77
							12/21/2011	7.50	7.86	139.62
							3/20/2017	6.93	7.29	140.19
							6/28/2017	6.55	6.91	140.57
							9/26/2017	6.13	6.49	140.99
							12/12/2017	7.50	7.86	139.62
							3/14/2018	6.72	7.08	140.40
							9/20/2018	6.69	7.05	140.43
							3/28/2019	5.52	5.88	141.60
							9/9/2019	5.91	6.27	141.21
							3/27/2020	6.12	6.48	141.00
							9/16/2020	7.00	7.36	140.12
							3/3/2021	5.81	6.17	141.31
							9/28/2021	6.50	6.86	140.62
							6/23/2022	5.99	6.35	141.13

Table 2
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Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-17	7/22/2008	148.50	137.50	147.50	151.11	150.85	6/28/2007	NA	NA	NM
							8/4/2008	7.50	7.76	143.35
							12/20/2011	2.96	3.22	147.89
MW-18	7/29/2008	14.10	3.10	13.10	143.65	143.37	6/28/2007	NA	NA	NM
							8/4/2008	4.85	5.13	138.52
							12/21/2011	3.72	4.00	139.65
							3/14/2012	4.11	4.39	139.26
							6/26/2012	4.30	4.58	139.07
							9/25/2012	5.00	5.28	138.37
							12/12/2012	4.72	5.00	138.65
							3/20/2013	3.86	4.14	139.51
							6/19/2013	3.75	4.03	139.62
							9/18/2013	4.83	5.11	138.54
							12/10/2013	4.65	4.93	138.72
							6/23/2014	4.06	4.34	139.31
							9/29/2014	5.00	5.28	138.37
							12/10/2014	3.98	4.26	139.39
							3/16/2015	3.50	3.78	139.87
							6/22/2015	4.18	4.46	139.19
							9/3/2015	5.10	5.38	138.27
							11/24/2015	5.00	5.28	138.37
							3/23/2016	3.81	4.09	139.56
							6/20/2016	4.43	4.71	138.94
							9/19/2016	4.88	5.16	138.49
							12/21/2016	4.13	4.41	139.24
							3/21/2017	3.70	3.98	139.67
							6/26/2017	3.67	3.95	139.70
							9/25/2017	4.21	4.49	139.16
							12/11/2017	4.27	4.55	139.10
							3/14/2018	3.00	3.28	140.37
							3/28/2019	2.62	2.90	140.75
							9/9/2019	3.51	3.79	139.86
							3/27/2020	3.09	3.37	140.28
							9/16/2020	3.79	4.07	139.58
							3/3/2021	2.96	3.24	140.41
							6/23/2022	3.34	3.62	140.03
MW-19	7/30/2008	14.32	3.32	13.32	145.71	145.35	6/28/2007	NA	NA	NM
							8/4/2008	7.76	8.12	137.59
							12/21/2011	6.62	6.98	138.73
							3/14/2012	7.02	7.38	138.33
							6/27/2012	7.25	7.61	138.10
							9/26/2012	7.88	8.24	137.47
							12/12/2012	7.62	7.98	137.73
							3/19/2013	6.56	6.92	138.79
							6/19/2013	6.25	6.61	139.10
							9/17/2013	7.72	8.08	137.63
							12/12/2013	7.32	7.68	138.03
							6/23/2014	6.37	6.73	138.98
							9/30/2014	7.70	8.06	137.65
							12/12/2014	6.67	7.03	138.68
							3/16/2015	6.02	6.38	139.33
							6/22/2015	6.94	7.30	138.41
							9/4/2015	7.83	8.19	137.52
							11/25/2015	7.70	8.06	137.65
							3/21/2016	6.31	6.67	139.04
							6/20/2016	6.90	7.26	138.45
							9/19/2016	7.33	7.69	138.02
							12/22/2016	6.43	6.79	138.92
							6/27/2017	5.50	5.86	139.85
							9/26/2017	6.53	6.89	138.82
							12/11/2017	6.65	7.01	138.70
							3/15/2018	5.12	5.48	140.23
							9/17/2018	5.71	6.07	139.64
							3/27/2019	4.73	5.09	140.62
							9/9/2019	5.88	6.24	139.47
							3/27/2020	5.18	5.54	140.17
							9/16/2020	6.22	6.58	139.13
							3/5/2021	4.86	5.22	140.49
							9/28/2021	5.59	5.95	139.76
							6/23/2022	5.31	5.67	140.04

Table 2
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Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-20	7/31/2008	12.80	1.80	11.80	140.02	139.18	6/28/2007	NA	NA	NM
							8/4/2008	5.50	6.34	133.68
							3/25/2010	4.23	5.07	134.95
							12/27/2011	5.12	5.96	134.06
							3/13/2012	5.39	6.23	133.79
							6/28/2012	5.89	6.73	133.29
							9/27/2012	6.32	7.16	132.86
							12/10/2012	5.71	6.55	133.47
							3/21/2013	5.02	5.86	134.16
							6/21/2013	5.00	5.84	134.18
							9/16/2013	6.23	7.07	132.95
							12/10/2013	5.81	6.65	133.37
							6/23/2014	5.59	6.43	133.59
							9/26/2014	6.32	7.16	132.86
							12/8/2014	5.42	6.26	133.76
							6/22/2015	5.44	6.28	133.74
							9/2/2015	6.29	7.13	132.89
							11/23/2015	5.87	6.71	133.31
							3/21/2016	5.77	6.61	133.41
							6/20/2016	4.08	4.92	135.10
							9/19/2016	4.31	5.15	134.87
							12/21/2016	2.98	3.82	136.20
							3/20/2017	2.48	3.32	136.70
							6/26/2017	2.70	3.54	136.48
							9/25/2017	3.42	4.26	135.76
							12/12/2017	3.01	3.85	136.17
MW-21	8/1/2008	13.21	2.21	12.21	138.56	138.27	6/28/2007	NA	NA	NM
							8/4/2008	1.62	1.91	136.65
MW-22	7/31/2008	12.25	1.25	11.25	139.90	139.43	6/28/2007	NA	NA	NM
							8/4/2008	3.85	4.32	135.58
MW-23	11/18/2013	12	2	12	141.17	140.74	12/12/2013	0.00	0.43	140.74
							6/23/2014	8.27	8.70	132.47
							9/26/2014	1.24	1.67	139.50
							12/8/2014	0.00	0.43	140.74
							3/16/2015	0.00	0.43	140.74
							6/22/2015	0.00	0.43	140.74
							9/2/2015	1.70	2.13	139.04
							11/25/2015	0.84	1.27	139.90
							3/21/2016	0.00	0.43	140.74
							6/20/2016	0.00	0.43	140.74
							9/19/2016	2.35	2.78	138.39
							12/27/2017	0.00	0.43	140.74
							3/21/2017	0.00	0.43	140.74
							6/27/2017	0.00	0.43	140.74
							9/27/2017	1.15	1.58	139.59
							12/12/2017	0.00	0.43	140.74
							3/14/2018	0.00	0.43	140.74
MW-24	1/7/2013	13	2.5	12.5	148.06	147.64	2/7/2013	4.19	4.61	143.45
							3/18/2013	3.91	4.33	143.73
							6/21/2013	3.65	4.07	143.99
							9/16/2013	4.72	5.14	142.92
							12/10/2013	4.56	4.98	143.08
							6/23/2014	4.26	4.68	143.38
							9/26/2014	5.08	5.50	142.56
							12/8/2014	4.13	4.55	143.51
							3/16/2015	3.60	4.02	144.04
							6/22/2015	4.37	4.79	143.27
							9/3/2015	5.20	5.62	142.44
							11/23/2015	4.82	5.24	142.82
							3/21/2016	4.06	4.48	143.58
							6/20/2016	4.62	5.04	143.02
							9/19/2016	5.12	5.54	142.52
							12/21/2016	4.11	4.53	143.53
							3/20/2017	3.74	4.16	143.90
							6/26/2017	4.03	4.45	143.61
							9/25/2017	4.40	4.82	143.24
							12/12/2017	4.34	4.76	143.30
							3/16/2018	3.61	4.03	144.03
							3/27/2019	2.96	3.38	144.68
							9/9/2019	4.02	4.44	143.62
							3/27/2020	3.43	3.85	144.21
							9/16/2020	4.28	4.70	143.36
							3/5/2021	3.16	3.58	144.48
							6/24/2022	3.59	4.01	144.05

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-25	12/7/2012	19.5	9	19	157.59	157.25	2/7/2013	8.65	8.99	148.60
							3/19/2013	8.19	8.53	149.06
							6/20/2013	8.19	8.53	149.06
							9/19/2013	8.65	8.99	148.60
							12/10/2013	9.40	9.74	147.85
							6/23/2014	7.94	8.28	149.31
							9/26/2014	9.76	10.10	147.49
							12/10/2014	8.73	9.07	148.52
							3/16/2015	7.77	8.11	149.48
							6/22/2015	8.63	8.97	148.62
							9/4/2015	9.92	10.26	147.33
							11/25/2015	10.00	10.34	147.25
							3/21/2016	8.47	8.81	148.78
							6/20/2016	8.83	9.17	148.42
							9/19/2016	10.16	10.50	147.09
							12/22/2016	9.03	9.37	148.22
							3/20/2017	8.62	8.96	148.63
							6/27/2017	8.40	8.74	148.85
							9/25/2017	9.32	9.66	147.93
							12/12/2017	9.65	9.99	147.60
							3/15/2018	7.70	8.04	149.55
							3/22/2019	6.03	6.37	151.22
							9/9/2019	8.39	8.73	148.86
							3/27/2020	7.81	8.15	149.44
							9/16/2020	9.20	9.54	148.05
							3/5/2021	7.31	7.65	149.94
							6/23/2022	7.77	8.11	149.48
MW-26	12/7/2012	13	2.5	12.5	143.78	143.47	1/4/2013	5.26	5.57	138.21
							3/20/2013	4.65	4.96	138.82
							6/18/2013	4.20	4.51	139.27
							9/17/2013	5.75	6.06	137.72
							12/11/2013	5.48	5.79	137.99
							6/23/2014	4.41	4.72	139.06
							9/30/2014	5.75	6.06	137.72
							12/12/2014	4.89	5.20	138.58
							3/16/2015	3.98	4.29	139.49
							6/22/2015	4.97	5.28	138.50
							9/11/2015	5.93	6.24	137.54
							11/25/2015	5.77	6.08	137.70
							3/21/2016	4.41	4.72	139.06
							6/20/2016	4.92	5.23	138.55
							9/19/2016	5.42	5.73	138.05
							12/22/2016	4.58	4.89	138.89
							3/20/2017	3.64	3.95	139.83
							6/27/2017	3.79	4.10	139.68
							9/25/2017	4.66	4.97	138.81
							12/11/2017	4.65	4.96	138.82
							3/14/2018	2.80	3.11	140.67
							3/22/2019	2.11	2.42	141.36
							9/9/2019	3.98	4.29	139.49
							3/27/2020	2.91	3.22	140.56
							9/16/2020	4.34	4.65	139.13
							3/2/2021	2.72	3.03	140.75
							6/23/2022	3.10	3.41	140.37
MW-27	11/18/2013	19	9	19	145.32	144.43	12/13/2013	10.95	11.84	133.48
							6/23/2014	9.85	10.74	134.58
							10/1/2014	11.05	11.94	133.38
							12/12/2014	9.85	10.74	134.58
							3/16/2015	8.80	9.69	135.63
							6/22/2015	10.00	10.89	134.43
							9/4/2015	11.31	12.20	133.12
							11/25/2015	11.10	11.99	133.33
							3/21/2016	9.62	10.51	134.81
							6/20/2016	10.58	11.47	133.85
							9/19/2016	11.30	12.19	133.13
							12/27/2016	10.08	10.97	134.35
							3/20/2017	9.56	10.45	134.87
							6/26/2017	9.73	10.62	134.70
							9/25/2017	10.68	11.57	133.75
							12/11/2017	10.40	11.29	134.03
							3/14/2018	8.08	8.97	136.35
							9/9/2019	10.00	10.89	134.43
							3/27/2020	8.88	9.77	135.55
							9/16/2021	10.36	11.25	134.07

Table 2
New City Plaza
New City, NY
Water Level Summary

Well	Date of Installation	Total Depth of Well (ftbg)	Top of screen (ftbg)	Bottom of screen (ftbg)	Grade Elevation (feet)	Top of Casing Elevation[1] (feet)	Date	Measured Depth to Groundwater (ftbtoc)	Depth to Groundwater (ftbg)	Groundwater Elevation (feet)
MW-28	12/7/2012	15	4.5	14.5	142.73	142.43	1/4/2013	7.26	7.56	135.17
							3/21/2013	6.62	6.92	135.81
							6/18/2013	6.31	6.61	136.12
							9/17/2013	7.63	7.93	134.80
							12/12/2013	7.73	8.03	134.70
							6/23/2014	6.82	7.12	135.61
							10/1/2014	7.72	8.02	134.71
							12/12/2014	7.20	7.50	135.23
							3/16/2015	6.58	6.88	135.85
							6/22/2015	6.91	7.21	135.52
							9/4/2015	7.70	8.00	134.73
							11/25/2015	7.78	8.08	134.65
							3/21/2016	6.53	6.83	135.90
							6/20/2016	6.98	7.28	135.45
							9/19/2016	7.51	7.81	134.92
							12/22/2016	6.95	7.25	135.48
							3/20/2017	6.43	6.73	136.00
							6/27/2017	6.15	6.45	136.28
							9/27/2017	6.80	7.10	135.63
							12/12/2017	7.01	7.31	135.42
							3/15/2019	5.93	6.23	136.50
							3/22/2019	5.24	5.54	137.19
							9/9/2019	6.30	6.60	136.13
							3/27/2020	5.80	6.10	136.63
							9/16/2020	6.94	7.24	135.49
							3/2/2021	5.75	6.05	136.68
							6/24/2022	6.02	6.32	136.41
MW-29	11/19/2013	16	6	16	161.73	161.44	12/11/2013	10.25	10.54	151.19
							6/23/2014	8.27	8.56	153.17
							9/30/2014	10.46	10.75	150.98
							12/12/2014	9.09	9.38	152.35
							3/18/2015	8.08	8.37	153.36
							6/22/2015	7.90	8.19	153.54
							9/2/2015	10.47	10.76	150.97
							11/30/2015	10.38	10.67	151.06
							3/21/2016	9.25	9.54	152.19
							6/20/2016	10.25	10.54	151.19
							9/19/2016	11.09	11.38	150.35
							3/21/2017	9.08	9.37	152.36
							6/28/2017	9.33	9.62	152.11
							9/25/2017	9.20	9.49	152.24
							12/12/2017	10.11	10.40	151.33
							9/9/2019	8.17	8.46	153.27
							3/27/2020	7.84	8.13	153.60
							9/16/2021	9.35	9.64	152.09
Getty Well-7	NS	NS	NS	NS	NS	NS	9/19/2013	7.65	NS	NS
							9/19/2013	7.23	NS	NS
							6/23/2014	6.53	NS	NS
							10/1/2014	7.30	NS	NS
							12/12/2014	3.87	NS	NS
							3/16/2015	4.60	NS	NS
							6/22/2015	7.13	NS	NS
							9/3/2015	7.62	NS	NS
							11/23/2015	7.50	NS	NS
							3/21/2016	5.22	NS	NS
							6/20/2016	7.23	NS	NS
							9/19/2016	7.27	NS	NS
							12/22/2016	6.81	NS	NS
							3/20/2017	3.23	NS	NS
							6/27/2017	6.89	NS	NS
							9/27/2017	7.09	NS	NS
							12/11/2017	7.25	NS	NS
							3/15/2018	3.85	NS	NS
							9/9/2019	7.71	NS	NS
							3/27/2020	7.08	NS	NS
							9/16/2020	6.82	NS	NS

Notes:
1. Top of casing and grade elevation surveyed by Maser Consulting
Elevations refer to NAVD 88.
NM - Not Measured
ftbg - Feet below grade
ftbtoc - Feet below top of casing
NS - Not Surveyed

Table 3
New City Plaza
New City, NY

Groundwater Analytical Results

Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-1	NC-MW-2	NC-MW-2	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R
Lab Sample ID	Class GA	220-6122-9	220-1796-1	220-6178-9	460-101140-5	460-105529-24	460-111272-9	460-116655-14	460-120863-10	460-126068-10
Date Sampled	AWQSGVs	8/6/08	6/6/07	8/11/08	9/11/15	11/30/15	3/29/16	7/6/16	9/21/16	12/27/16
Dilution		2	20	25	25	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.2 U	4.2 U	2.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.2 U	5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.4 U	4 U	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.1 U	4 U	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.3 U	2.6 U	3.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.1 U	4.8 U	1.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.1 U	3.8 U	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	1.1 U	12 U	14.0 U	2.5 U	5	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	0.3 U *	8 U	4.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.1 U	2.8 U	1.2 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Acetone	50	1.2 J B	25 JB	44.0 J B	2.5 U	**170**	19	2.5 U	0.5 U	0.5 U
Benzene	1	0.1 U	1.8 U	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.1 U	3.4 U	1.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.2 U	3.6 U	2.1 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Bromomethane	5	0.7 U	9.6 U	8.2 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.1 U	2.6 U	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.1 U	3.4 U	1.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.1 U	2.4 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.6 U	7 U	7.8 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.1 U	3 U	1.5 U	0.5 U	1.4	0.5 U	0.5 U	1.7	3.6
Chloromethane	5	0.2 U	2.6 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**23**	**260**	**190**	**5.2**	0.5 U	1.1	0.91	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.1 U	3.6 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.1 U	3.8 U	1.1 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Ethylbenzene	5	0.1 U	4.4 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	NA	NA	NA	5.8	3.8	3.4	0.92	5.2	0.5 U
Methylene Chloride	5	2.1 J B	19 U	**35.0** J B	**0.5** U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.1 U	1.6 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**100**	**1,100**	**1,200**	**260**	2.9	**15**	**9.7**	**130**	**42**
Toluene	5	0.1 U	2 U	1.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.2 U	8.4 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.1 U	3.8 U	1.3 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**11**	**110**	**82**	**7.9**	0.5 U	1.6	1.6	1.9	3
Vinyl chloride	2	0.2 U	4 U	2.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	0.0 U	6.8 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R
Lab Sample ID	Class GA	460-130150-1	460-136354-22	460-141710-1	460-147156-1	460-152173-6	460-165257-9	460-178014-8	460-191086-8	460-206488-2
Date Sampled	AWQSGVs	3/21/17	6/28/17	9/22/17	12/11/17	03/14/2018	09/20/2018	03/22/2019	09/10/2019	04/01/2020
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	1.3	2.1	2.4	2.6	3.1	1.7	2.8	2.8	1.6
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**16**	**66**	**110**	**140**	**9.8**	**33**	**37**	**55**	**34**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1.9	3.4	3.2	2.4	4	2.9	2.8	3.1	2
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-2R	MW-2R	MW-2R_20210927	MW-X_20210927	MW-2R_20220623	NC-MW-4	NC-MW-4	NC-MW-4
Lab Sample ID	Class GA	460-218471-8	460-229587-11	460-244050-1	460-244050-2	460-261101-1	220-1805-2	220-6122-6	460-35209-5
Date Sampled	AWQSGVs	09/16/2020	03/02/2021	09/27/2021	09/27/2021	06/23/2022	6/7/07	8/6/08	12/20/11
Dilution		1	1	1	1 (Duplicate of MW-2R)	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 JM	0.3 J	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.1 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U *	0.1 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U	0.6 U	5.0 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.4 U	0.2 U	5.0 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U	0.0 U	5.0 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	2.2 JB	0.5 U	5.0 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U	0.3 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U *	0.3 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.4 J	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U
cis-1,2-Dichloroethene	5	2.4	0.56	1.9	1.7	1.9	**10**	**7.2**	2.4
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.1 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U *	0.5 U
Tetrachloroethene	5	**53**	**5.5**	**34**	**34**	**48**	**100 E**	**77**	**20**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 J	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Trichloroethene	5	2.6	1.3	1.7	1.7	2.6	**7.6**	**6.0**	1.5
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	0.3 U	0.0 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-4	NC-MW-4	NC-MW-4	NC-MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Lab Sample ID	Class GA	460-38104-7	460-41820-1	460-45181-4	460-48444-1	460-52943-1	460-58425-1	460-63419-1	460-68457-1	460-73501-17
Date Sampled	AWQSGVs	3/14/12	6/25/12	9/26/12	12/11/12	03/20/2013	06/19/2013	9/19/13	12/11/2013	03/25/2014
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2.0 U	2 U	2 U *	2 U	2 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2.0 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2.0 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5.0 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.7	**6.9**	**10**	**8.2**	**7.6**	**8.2**	**8.1**	**6.8**	**7**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	**110**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**19**	**74**	**41**	**55**	**68**	**68**	**51**	**59**	**82**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1.4	**5.3**	**7.3**	**5.6**	**5.9**	**5.6**	**5.8**	4.7	**5.3**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Lab Sample ID	Class GA	460-78632-6	460-83906-11	460-87971-14	460-92100-4	460-97418-1	460-101140-4	460-105529-1	460-111027-2	460-116655-15
Date Sampled	AWQSGVs	6/25/14	9/29/14	12/10/14	3/16/15	6/25/15	9/11/15	11/30/15	3/21/16	7/6/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U *	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**26**	**8.4**	**6.5**	**7.4**	**8.6**	**11**	0.85	**5.5**	**6.3**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**98**	**88**	**72**	**64**	**56**	**50**	**38**	**31**	**27**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**26**	**57**	**60**	**68**	**66**	**59**	**28**	**56**	**44**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**13**	**5.7**	**5.2**	**6.2**	**6.4**	**8.5**	1	4	4.9
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-4	MW-4	MW-4	MW-4	MW-33	MW-4	MW-4	MW-4	MW-4
Lab Sample ID	Class GA	460-120863-21	460-126068-7	460-130150-2	460-136354-15	460-136354-16	460-142013-9	460-147156-2	460-152173-12	460-165257-2
Date Sampled	AWQSGVs	9/23/16	12/27/16	3/21/17	6/27/17	6/27/17	9/27/17	12/11/17	03/15/2018	09/18/2018
Dilution		1	1	1	1	1 (Duplicate of MW-4)	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	5.1	5.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	**5.8**	**6.2**	**6.4**	**5.8**	**5.5**	**8.3**	**7.5**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Dibromochloromethane	50	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**20**	**25**	**16**	**12**	**12**	9.4	7.9	10	6.2
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**37**	**44**	**52**	**52**	**55**	**59**	**61**	**63**	**61**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	3.4	3.5	4.1	4.5	4.7	4.9	4	**6.1**	4.8
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4_20210927	MW-4_20220623	NC-MW-6
Lab Sample ID	Class GA	460-178014-4	460-191086-2	460-206193-2	460-218471-3	460-229587-7	460-244050-3	460-261101-2	220-1796-2
Date Sampled	AWQSGVs	03/22/2019	09/09/2019	03/30/2020	09/15/2020	03/03/2021	09/27/2021	06/23/2022	6/6/07
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 JM
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 JM
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.4 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.8 JB
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
cis-1,2-Dichloroethene	5	**6.7**	**7.4**	**6.7**	**7.4**	**7**	**6.8**	**6.2**	**11.0**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Methyl tert-butyl ether	10	5.5	4.1	2.3	2.1	1.6	1.1	0.86	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Tetrachloroethene	5	**55**	**50**	**49**	**57**	**50**	**47**	**49**	**93**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Trichloroethene	5	4.3	**5.3**	4.5	5	4.5	4.4	4.4	**6.3**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U

Table 3
New City Plaza
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Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-6	NC-MW-6	NC-MW-6A	NC-MW-6	NC-MW-6	NC-MW-6	NC-MW-6	NC-MW-6	MW-6
Lab Sample ID	Class GA	220-6178-8	220-11793-3	220-11793-5	460-35209-3	460-38104-4	460-41850-1	460-45181-6	460-48444-2	460-52943-2
Date Sampled	AWQSGVs	8/11/08	3/25/10	3/25/10	12/20/11	3/13/12	6/27/12	9/26/12	12/11/12	03/21/2013
Dilution		1	5	5 (Duplicate of MW-6)	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.1 U	0.8 U	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.1 U	0.8 U	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.2 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.1 J	0.7 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.1 U	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.1 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.1 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	0.6 U	2.6 U	2.6 U	5.0 U	2 U	2 U	2 U	2 U *	2 U
2-Hexanone	50	0.2 U	2.9 U	2.9 U	5.0 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	0.0 U	0.7 U	0.7 U	5.0 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	18.0 B	0.4 U	0.4 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.1 U	0.7 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.1 U	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.1 U	0.4 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.1 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.1 U	0.8 U	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.0 U	2.7	2.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.3 U *	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.1 U	0.7 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**6.8**	**64.0**	**69.0**	**5.9**	**7.3**	**6.6**	**7.3**	**8**	**7.8**
cis-1,3-Dichloropropene	0.4 TS	0.1 U	0.7 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.0 U	1.6 U	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.0 U	1.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	1.0 J B	3.9 J B	3.9 J B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.0 U	0.9 U	0.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**62**	**310**	**310**	**48**	**62**	**62**	**42**	**52**	**68**
Toluene	5	0.1 U	0.9 U	0.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.1 U	1.2 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.1 U	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.0**	**27.0**	**26.0**	3.3	4.6	4.7	4.1	4.5	4.9
Vinyl chloride	2	0.1 U	0.7 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	0.0 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-6B	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6
Lab Sample ID	Class GA	460-52943-3	460-58425-2	460-63419-2	460-68457-2	460-73501-14	460-78632-20	460-83906-21	460-87971-2	460-92100-5
Date Sampled	AWQSGVs	03/21/2013	6/19/13	09/18/2013	12/12/2013	03/25/2014	6/23/14	9/25/14	12/11/14	3/16/15
Dilution		1 (Duplicate of MW-6)	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Acetone	50	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	13	2.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**7.9**	**17**	**9.3**	**8**	**6.5**	**8**	**6.5**	**6**	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	**19**	**30**	**26**	**14**	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**70**	**61**	**59**	**58**	**71**	**62**	**54**	**60**	**26**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	4.9	**5.4**	**5.6**	4.5	4.5	4.7	3.9	4.2	1.5
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6
Lab Sample ID	Class GA	460-97418-2	460-100970-18	460-105529-2	460-111272-6	460-116655-12	460-120863-12	460-126068-9	460-130150-3	460-136354-1
Date Sampled	AWQSGVs	6/23/15	9/9/15	11/30/15	3/29/16	7/6/16	9/19/16	12/27/16	3/21/17	6/28/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	2.5 U	17 *	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.53	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1	**12**	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**8.7**	**7.9**	0.5 U	3.6	**5.6**	0.5 U	0.5 U	0.62	4.8
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**6.4**	**12**	9.5	3.6	4.8	2.9	2.5	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**71**	**70**	**21**	**41**	**49**	**45**	**80**	4.9	**30**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**6**	**5.4**	0.5 U	2.5	3.9	3.7	**5.3**	0.5 U	2.8
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6
Lab Sample ID	Class GA	460-141710-2	460-147156-3	460-152173-4	460-165257-8	460-178564-4	460-191086-7	460-206193-11	460-218471-7	460-229587-13
Date Sampled	AWQSGVs	9/22/17	12/11/17	03/14/2018	09/20/2018	03/29/2019	09/10/2019	03/31/2020	09/16/2020	03/02/2021
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**7**	4.8	1.3	**6**	4.9	**7.3**	4.9	4.3	0.52
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**70**	**49**	**13**	**49**	**24**	**50**	**33**	**37**	**10**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.7**	3.6	0.7	4.2	2.2	5	3.1	2.9	0.56
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Class GA AWQSGVs µg/L	MW-6_20210929 460-244050-4 09/29/2021 1	MW-6_20220623 460-261101-3 06/23/2022 1	NC-MW-7 220-1805-1 6/7/07 1	NC-MW-7 220-6178-5 8/8/08 2	NC-MW-7 460-35209-10 12/22/11 ?	NC-MW-7 460-38104-10 3/15/12 1	NC-MW-7 460-41820-4 6/26/12 1	NC-MW-7A 460-41820-5 6/26/12 1 (Duplicate of MW-7)
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.3 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.2 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.2 JM	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.2 U *	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	0.6 U	1.1 U	5 U	2.0 U	2 U	2 U
2-Hexanone	50	2.5 U	2.5 U	0.4 U	0.3 U *	5 U	2.0 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.1 U	0.1 U *	5 U	2.0 U	2 U	2 U
Acetone	50	5 U	5 U	1.4 JB	4.7 J B	5 U	5.0 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.4 U *	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.3 J	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.1 U	0.2 U *	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.4	4.1	**7.3**	**5.6**	3.5	3.6	3.8	3.9
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	1.0 U	3.2 J B	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**38**	**42**	**92.0**	**87.0**	**42**	**44**	**65**	**64**
Toluene	5	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.4 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.9	3.3	**6.6**	**5.9**	2.8	2.9	4.3	4.6
Vinyl chloride	2	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	0.3 U	0.0 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-7	NC-MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Lab Sample ID	Class GA	460-45181-1	460-48444-3	460-52943-4	460-58425-3	460-63419-3	460-68457-3	460-73501-5	460-78632-16	460-83906-12
Date Sampled	AWQSGVs	9/26/12	12/12/12	03/20/2013	6/20/13	09/18/2013	12/10/2013	03/25/2014	6/24/14	9/29/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U *	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.8	4.5	4.3	4.3	4.8	4.6	4.2	4.2	4.3
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.59
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**63**	**65**	**68**	**61**	**57**	**67**	**73**	**67**	**56**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Trichloroethene	5	**5**	4.5	4.5	3.7	4.6	4.3	4	3.7	3.6
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Lab Sample ID	Class GA	460-87971-22	460-92100-6	460-97418-3	460-100970-15	460-105529-3	460-111027-14	460-116655-8	460-120863-15	460-125950-4
Date Sampled	AWQSGVs	12/10/14	3/17/15	6/24/15	9/9/15	11/24/15	3/24/16	7/5/16	9/22/16	12/21/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U H	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U H	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U H	2.5 U	2.5 U	0.5 U	0.5 U
Acetone	50	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U H	2.5 U	2.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U *	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	3.6	3.3
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.1	4.7	**5.2**	4.1	4.1 H	3.6	3.6	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	2.5 U	2.5 U
Ethylbenzene	5	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	0.71	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**64**	**65**	**66**	**53**	**52 H**	**56**	**41**	**45**	**38**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	4.3	4.7	4.5	3.7	3.4 H	3.3	3.1	3.3	2.8
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U H	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-DUPE	MW-7	MW-7
Lab Sample ID	Class GA	460-130150-4	460-136354-10	460-142013-1	460-147156-4	460-152173-13	460-165257-4	460-165257-4	460-178564-1	460-191086-5
Date Sampled	AWQSGVs	3/20/17	6/27/17	9/26/17	12/14/17	03/15/2018	09/20/2018	09/20/2018	03/29/2019	09/10/2019
Dilution		1	1	1	1	1	1	1 (Dupicate of MW-7)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	3.7	3.7	3.6	3.3	4.8	4.5	4.7	**5.2**	**5.9**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**47**	**47**	**48**	**51**	**52**	**45**	**45**	**49**	**45**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	3	3.5	3.6	3.1	4.3	3.8	3.6	4.2	5
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Class GA AWQSGVs µg/L	MW-7 460-206488-1 04/01/2020 1	MW-7 460-218471-5 09/15/2020 1	MW-X 460-218471-6 09/15/2020 1 (Dupicate of MW-7)	MW-7 460-229587-9 03/03/2021 1	MW-7_20210929 460-244050-5 09/29/2021 1	MW-7_20220624 460-261101-4 06/24/2022 1	NC-MW-8 220-1805-4 6/7/07 1	NC-MW-8 220-6122-10 8/6/08 1
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 JM	0.3 J
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U *	0.1 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U	0.6 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.4 U	0.2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U	0.0 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	1.4 JB	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.3 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U *	0.3 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.4 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
cis-1,2-Dichloroethene	5	**5.3**	**6.5**	**6.4**	**6.6**	**7.2**	**7.5**	**12.0**	**8.6**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 UM	0.2 J B
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U *
Tetrachloroethene	5	**54**	**57**	**54**	**40**	**47**	**48**	**81.0**	**82.0**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 UM	0.1 J
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Trichloroethene	5	4.4	**5.3**	5	4.7	4.9	5	**7.0**	**6.3**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.0 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-8	NC-MW-8	NC-MW-8	NC-MW-8	NC-MW-8	MW-8	MW-8	MW-8	MW-8
Lab Sample ID	Class GA	460-35209-7	460-38104-10	460-41850-2	460-45240-1	460-48444-4	460-52943-5	460-58425-4	460-63419-4	460-68457-4
Date Sampled	AWQSGVs	12/21/11	3/15/12	6/27/12	9/27/12	12/10/12	03/21/2013	6/20/13	09/19/2013	12/11/2013
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	5 U	2 U	2 U	2 U	2 U *	2 U	2 U	2.5 U	2.5 U
2-Hexanone	50	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**7.1**	**6.5**	**6.4**	**6.8**	**6.5**	**6.3**	**6.5**	**7.2**	3.4
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**67**	**57**	**50**	**44**	**50**	**59**	**52**	**49**	**20**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	4.5	3.9	4.4	4.3	3.9	4.4	3.8	4.3	2.1
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
Lab Sample ID	Class GA	460-73501-16	460-78632-18	460-83906-22	460-87971-9	460-92100-7	460-97418-4	460-100970-17	460-105529-4	460-111272-7
Date Sampled	AWQSGVs	03/25/2014	6/23/14	9/25/14	12/11/14	3/16/15	6/23/15	9/9/15	11/30/15	3/29/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	**5.9**	**8.5**	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**5.3**	**7.3**	**7.6**	4.9	0.5 U	0.5 U	**7.7**	**6.8**	4
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	4.3	4.5	6.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**53**	**60**	**56**	**40**	**42**	**62**	**57**	**53**	**29**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	3.8	4.3	4.3	3.3	3.6	**5.6**	4.9	4.2	2.4
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
Lab Sample ID	Class GA	460-116655-11	460-120863-9	460-126068-11	460-130150-5	460-136354-3	460-142013-10	460-147156-5	460-152173-7	460-165257-7
Date Sampled	AWQSGVs	7/6/16	9/21/16	12/27/16	3/21/17	6/28/17	9/27/17	12/11/17	03/14/2018	09/20/2018
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	0.5 U	0.5 U	6.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	4.1	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.2	0.5 U	0.5 U	0.5 U	**5.8**	**6.8**	**5.2**	**5.3**	**8.8**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Dibromochloromethane	50	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**12**	**32**	**47**	0.5 U	**42**	**60**	**44**	**26**	**60**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1.3	3.1	2.1	0.5 U	4.3	**5.4**	3.7	3.3	**5.7**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8_20210929	MW-8_20220624	NC-MW-9
Lab Sample ID	Class GA	460-178564-3	460-191086-3	460-206488-3	460-218471-4	460-229587-6	460-244050-6	460-261101-5	220-1796-3
Date Sampled	AWQSGVs	03/29/2019	09/09/2019	04/01/2020	09/15/2020	03/03/2021	09/29/2021	06/24/2022	6/7/07
Dilution		1	1	1	1	1	1	1	1
									Low
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U *
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.4 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.9 JB
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J *
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
cis-1,2-Dichloroethene	5	**8.3**	**8.2**	**6.3**	**7.5**	4	**6.9**	4.5	**13**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
Tetrachloroethene	5	**57**	**51**	**52**	**58**	**21**	**55**	**40**	**110 E**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 UM
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Trichloroethene	5	**5.1**	**5.4**	4.2	5	2.4	4.4	3.3	**8.7**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-9	NC-MW-9	NC-MW-9	NC-MW-9	NC-MW-9	NC-MW-9	NC-MW-9	MW-9	MW-9
Lab Sample ID	Class GA	220-1796-3	220-6122-7	460-35209-2	460-38104-9	460-41820-6	460-45132-3	460-48444-5	460-52943-6	460-58425-5
Date Sampled	AWQSGVs	6/7/07	8/6/08	12/20/11	3/14/12	6/26/12	9/25/12	12/12/12	03/19/2013	6/19/13
Dilution		2	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.4 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.4 U M	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.3 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	1.2 U	0.6 U	5 U	2 U	2 U	2 U	2 U *	2 U	2 U
2-Hexanone	50	0.8 U	0.2 U *	5 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	0.3 U	0.0 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	5.1 J B	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.3 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	1.0 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.3 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.3 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.2 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.7 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.3 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.3 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**9.5**	**8.8**	**11**	**10**	**8.3**	**8.2**	**12**	**8.5**	**8.9**
cis-1,3-Dichloropropene	0.4 TS	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.4 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.4 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	1.9 U M	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.2 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**69**	**97**	**88**	**83**	**68**	**58**	**77**	**68**	**63**
Toluene	5	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.8 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.9**	**6.8**	**6.4**	**6.7**	**6.3**	**5.6**	**7.2**	**6**	**5.7**
Vinyl chloride	2	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.85	1	0.73
Xylenes, Total	NS	0.7 U	0.0 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Lab Sample ID	Class GA	460-63419-5	460-68457-5	460-73501-4	460-78632-3	460-83906-2	460-87971-15	460-92100-8	460-97418-5	460-101140-3
Date Sampled	AWQSGVs	09/17/2013	12/11/2013	03/25/2014	6/26/14	9/30/14	12/11/14	3/19/15	6/26/15	9/11/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**9.4**	**8.6**	**7.8**	**8.4**	**8.2**	**6.4**	**8.2**	**9.2**	**7.5**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	**130**	**120**	**110**	**88**	**87**	**75**	**61**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**65**	**66**	**84**	**72**	**70**	**61**	**75**	**70**	**67**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Trichloroethene	5	**6.2**	**5.4**	**5.3**	**5.6**	4.9	4.9	**6**	**6.5**	**5.6**
Vinyl chloride	2	0.93	1.5	0.81	1.6	1.1	1.8	1.8	1.7	0.88
Xylenes, Total	NS	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Lab Sample ID	Class GA	460-105529-5	460-111272-1	460-116655-2	460-120863-23	460-126068-6	460-130150-6	460-136354-4	460-142013-3	460-147156-6
Date Sampled	AWQSGVs	11/24/15	3/24/16	7/1/16	9/23/16	12/22/16	3/21/17	6/27/17	9/26/17	12/12/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	4.8 H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U H	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	45 H *	24	7.5	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U H	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U H	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U H	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Chloroform	7	0.62 H	0.5	0.5 U	2.4	**120**	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.94 H	0.5 U	2.1	0.5 U	0.5 U	4.4	4.8	**5.5**	5
cis-1,3-Dichloropropene	0.4 TS	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U H	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U H	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**45 H**	**30**	**45**	**35**	7.1	**23**	**15**	**15**	**13**
Methylene Chloride	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**17 H**	2.1	**19**	**25**	**310**	**48**	**50**	**49**	**56**
Toluene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.96 H	0.5 U	1.6	2.3	**41**	3.4	3.8	4.8	4.2
Vinyl chloride	2	0.5 U H	0.5 U	1.3	0.5 U	0.84	0.9	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U H	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Class GA AWQSGVs µg/L	MW-9 460-152173-16 03/15/2018 1	MW-9 460-165257-3 09/18/2018 1	MW-9 460-178564-6 03/28/2019 1	MW-9 460-191086-6 09/10/2019 1	NC-MW-10 220-1805-5 6/7/07 1	NC-MW-10 220-6122-8 8/6/08 1	NC-MW-11 220-1821-2 6/8/07 2	NC-MW-11/DUP 220-1821-3 6/8/07 2 (Duplicate of NC-MW-11)	NC-MW-11 220-6122-5 8/5/08 1 Low
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U	0.1 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 J
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.3 U	0.3 U	0.1 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.1 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U	0.6 U	1.2 U	1.2 U	0.6 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.4 U	0.2 U	0.8 U	0.8 U	0.2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U	0.0 U	0.3 U	0.3 U	0.0 U
Acetone	50	2.5 U	2.5 U	5 U	5 U	2.4 JB	1.2 J B	5.3 JB	5.0 JB	1.2 J
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.3 U	0.3 U	0.1 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	1.0 U	1.0 U	0.3 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.1 UM	0.1 U	0.4 JM	0.3 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.3 U	0.3 U	0.1 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U	0.2 U	0.2 U	0.0 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.3 U	0.7 U	0.7 U	0.3 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.3 J	0.4 J	0.4 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	2.1	0.1 U	0.3 U	0.3 U	0.1 U
cis-1,2-Dichloroethene	5	**6.9**	**7.1**	**7.1**	**7.7**	0.2 U	0.1 U	**21.0**	**17.0**	**21.0**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U *	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.4 U	0.4 U	0.0 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.4 U	0.4 U	0.0 U
Methyl tert-butyl ether	10	**14**	10	7.7	7.1	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.2 J B	1.9 U	1.9 U	0.2 J B
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.0 U	0.2 U	0.2 U	0.0 U *
Tetrachloroethene	5	**56**	**53**	**50**	**52**	0.8 J	0.6 J	**120.0**	**88.0**	**110.0** E
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U *	0.5 U	0.5 U	0.4 U	0.1 U	0.8 U	0.8 U	0.2 J
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
Trichloroethene	5	**5.7**	**5.3**	**5.1**	**6.2**	0.3 U	0.1 U	**9.4**	**7.2**	**9.6**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.4 U	0.4 U	0.1 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	0.3 U	0.0 U	0.7 U	0.7 U	0.0 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-11	NC-MW-11	NC-MW-11	NC-MW-11	NC-MW-11	NC-MW-11	NC-MW-11	MW-11	MW-11
Lab Sample ID	Class GA	220-6122-5	220-11793-2	460-35281-1	460-38104-6	460-41850-5	460-48444-6	460-45240-4	460-52943-7	460-58425-6
Date Sampled	AWQSGVs	8/5/08	3/25/10	12/27/11	3/13/12	6/27/12	9/27/12	12/10/12	03/18/2013	6/21/13
Dilution		2	2	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.2 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.4 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.3 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	1.1 U	1.0 U	5 U	2 U	2 U	2 U	2 U *	2 U	2 U
2-Hexanone	50	0.3 U *	1.2 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	0.1 U	0.3 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	1.2 J B	0.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.1 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.7 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.6 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.3 J	0.4 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.2 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**16.0**	**14.0**	**16**	**17**	**10**	**9.9**	**14**	**17**	**16**
cis-1,3-Dichloropropene	0.4 TS	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.1 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.1 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	1.6 J B	1.1 J B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**60.0**	**91.0**	**86**	**96**	**55**	**39**	**71**	**95**	**72**
Toluene	5	0.1 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.1 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**6.2**	**7.5**	**6.9**	**7.6**	**5.2**	4.3	**6**	**7.9**	**6**
Vinyl chloride	2	0.2 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	0.0 U	0.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
Lab Sample ID	Class GA	460-63419-6	460-68457-6	460-73501-21	460-78632-10	460-83906-17	460-87971-5	460-92100-9	460-97418-6	460-100970-7
Date Sampled	AWQSGVs	09/16/2013	12/10/2013	03/26/2014	6/25/14	9/26/14	12/8/14	3/18/15	6/22/15	9/2/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**12**	**11**	**14**	**12**	**14**	**6.9**	**9.3**	**17**	**13**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**59**	**60**	**96**	**67**	**72**	**39**	**50**	**90**	**73**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**6.1**	**5.2**	**7.5**	**5.6**	**5.8**	3.4	4.9	**9.3**	**7.1**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-33	MW-11	MW-11
Lab Sample ID	Class GA	460-105529-6	460-111027-7	460-115789-3	460-120863-4	460-125950-8	460-130150-7	460-130150-23	460-136354-6	460-141710-11
Date Sampled	AWQSGVs	11/23/15	3/22/16	6/20/16	9/20/16	12/21/16	3/20/17	3/20/17	6/26/17	9/25/17
Dilution		1	1	1	1	1	1	1 (Duplicate of MW-11)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U *	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	**15**	**14**	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**12**	**14**	**14**	0.5 U	0.5 U	**13**	**12**	**14**	**15**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**57**	**82**	**77**	**84**	**82**	**78**	**74**	**84**	**100**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.4**	**6.8**	**7.9**	**8**	**7.7**	**6.8**	**6.7**	**8.2**	**9.6**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11_20220624	NC-MW-12	NC-MW-12
Lab Sample ID	Class GA	460-147156-7	460-152229-1	460-178564-8	460-206193-1	460-229587-1	460-261101-6	220-1821-1	220-6122-4
Date Sampled	AWQSGVs	12/12/17	03/16/2018	03/28/2019	03/27/2020	03/05/2021	06/24/2022	6/8/07	8/5/08
Dilution		1	1	1	1	1	1	2	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.2 J
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	0.6 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.8 U	0.2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.3 U	0.0 U
Acetone	50	2.5 U	2.5 U	5 U	5 U	5 U	5 U	4.5 JB	1.5 J
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
Bromomethane	5	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.3 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J M	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7 U	0.3 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.4 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U
cis-1,2-Dichloroethene	5	**12**	**15**	**16**	**15**	**13**	**11**	**22**	**25**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9 U	0.2 J B
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U *
Tetrachloroethene	5	**95**	**83**	**64**	**80**	**75**	**86**	**110**	**98**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8 U	0.3 J
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
Trichloroethene	5	**7.4**	**8.9**	**7.2**	**8.1**	**6.9**	**7.2**	**9**	**10**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.7 U	0.0 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-12	NC-MW-12	NC-MW-12	NC-MW-12	NC-MW-12	NC-MW-12	MW-12	MW-12	MW-12
Lab Sample ID	Class GA	220-11793-4	460-35281-3	460-38104-5	460-41850-4	460-45240-2	460-49258-1	460-52943-8	460-58425-7	460-63419-7
Date Sampled	AWQSGVs	3/25/10	12/27/11	3/13/12	6/27/12	9/27/12	1/4/13	03/18/2013	6/21/13	09/16/2013
Dilution		5	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
1,2-Dichloropropane	1	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.6 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U
2-Hexanone	50	2.9 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.7 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U
Acetone	50	0.4 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
Benzene	1	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Bromoform	50	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.8 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	**27**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.4 U	**14**	**24**	**20**	**19**	**20**	**19**	**19**	**22**
cis-1,3-Dichloropropene	0.4 TS	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	1.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	4.0 J B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**130**	**60**	**130**	**78**	**71**	**91**	**92**	**94**	**91**
Toluene	5	0.9 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**11**	**5.2**	**11**	**8.8**	**8**	**9.3**	**8.7**	**8.2**	**10**
Vinyl chloride	2	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
Lab Sample ID	Class GA	460-68457-7	460-73501-12	460-78632-5	460-83906-18	460-87971-4	460-92100-10	460-97418-7	460-100970-11	460-105529-7
Date Sampled	AWQSGVs	12/09/2013	03/26/2014	6/26/14	9/26/14	12/8/14	3/18/15	6/23/15	9/3/15	11/23/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U *
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**18**	**17**	**20**	**19**	**18**	**19**	**21**	**19**	**17**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	**64**	**73**	**60**	**58**	**60**	**61**	**60**	**49**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**72**	**100**	**110**	**93**	**81**	**97**	**98**	**92**	**79**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**7.4**	**8.5**	**9.1**	**7.9**	**8.3**	**9.9**	**11**	**9.9**	**8.1**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
Lab Sample ID	Class GA	460-111027-8	460-115789-4	460-120863-6	460-125950-2	460-130150-8	460-136354-7	460-141710-10	460-147156-8	460-152229-2
Date Sampled	AWQSGVs	3/22/16	6/20/16	9/20/16	12/20/16	3/20/17	6/26/17	9/25/17	12/12/17	03/16/2018
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	**13**	**14**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**15**	**14**	0.5 U	0.5 U	**12**	**17**	**15**	**12**	**16**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**45**	**45**	**39**	**38**	**36**	**36**	**31**	**26**	**33**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**78**	**71**	**77**	**77**	**71**	**94**	**110**	**88**	**83**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**7.3**	**7.8**	**7.5**	**7.8**	**6.8**	**9.7**	**10**	**7.1**	**9.5**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-12	MW-12	MW-12	MW-12_20220624	NC-MW-13	NC-MW-13	NC-MW-13	NC-MW-13
Lab Sample ID	Class GA	460-178564-10	460-206193-8	460-229587-2	460-261101-7	220-1805-3	220-6178-7	460-35209-4	460-38104-12
Date Sampled	AWQSGVs	03/27/2019	03/31/2020	03/05/2021	06/24/2022	6/7/07	8/11/08	12/20/11	3/15/12
Dilution		1	1	1	1	2	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.2 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 J	0.4 J	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 JM	0.1 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.1 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	0.6 U	5 U	2 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.8 U	0.2 U	5 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.3 U	0.0 U	5 U	2 U
Acetone	50	5 U	5 U	5 U	5 U	4.2 JB	1.8 J B	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.3 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.7 U	0.3 U *	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	1.5 J *	0.4 J	0.53	0.51
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**18**	**16**	**15**	**12**	**22**	**19**	**17**	**18**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**28**	**13**	9.7	5.8	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	1.9 U	1.0 J B	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U	0.5 U
Tetrachloroethene	5	**80**	**83**	**88**	**87**	**99**	**80**	**81**	**77**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.59
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.8 UM	0.3 J	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Trichloroethene	5	**8.9**	**9.2**	**8**	**7.8**	**7.6**	**5.8**	**5.6**	**5.8**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	0.7 U	0.0 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-13B	NC-MW-13	NC-MW-13	NC-MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
Lab Sample ID	Class GA	460-38104-13	460-41853-1	460-45181-5	460-48444-8	460-52943-9	460-58425-8	460-63419-8	460-68457-8	460-73501-15
Date Sampled	AWQSGVs	3/15/12	6/28/12	9/26/12	12/11/12	03/21/2013	6/19/13	09/19/2013	12/12/13	03/25/2014
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L	(Duplicate of MW-13)								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U	2 U	2 U *	2 U	2 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.55	0.59	0.5 U	0.53	0.52	0.5 U	0.71	0.51	0.56
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**17**	**18**	**18**	**20**	**17**	**16**	**19**	**16**	**15**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	4.4
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**89**	**66**	**67**	**58**	**75**	**47**	**73**	**87**	**130**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Trichloroethene	5	**6**	**6.7**	**6.2**	**5.5**	**6.1**	4.8	**7**	**5.9**	**6.6**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
Lab Sample ID	Class GA	460-78632-19	460-83906-23	460-87971-13	460-92100-11	460-97418-8	460-101140-6	460-105529-8	460-111272-8	460-116655-13
Date Sampled	AWQSGVs	6/23/14	9/25/14	12/11/14	3/16/15	6/24/15	9/11/15	11/30/15	3/29/16	7/6/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.72	0.57	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.56	0.5 U	0.52	0.5 U	0.5 U	0.61	0.51	0.53	0.55
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**15**	**15**	**15**	**16**	**16**	**16**	**14**	**13**	**12**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	2.6	**64**	**59**	9.2	**48**	**48**	**37**	1.9	0.8
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**73**	**58**	**93**	**100**	**67**	**110**	**97**	**84**	**64**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Trichloroethene	5	4.8	4.9	**6.4**	**7.3**	**6**	**7**	**5.9**	**5.1**	4.6
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-13	MW-13	MW-13	MW-13	MW-13	MW-33	MW-13	MW-33	MW-13
Lab Sample ID	Class GA	460-120863-13	460-126068-8	460-130150-9	460-136354-2	460-141710-3	460-141710-4	460-147156-9	460-147156-10	460-152173-5
Date Sampled	AWQSGVs	9/21/16	12/27/16	3/21/17	6/28/17	9/22/17	9/22/17	12/11/17	12/11/17	03/14/2018
Dilution		1	1	1	1	1	1 (Duplicate of MW-13)	1	1 (Duplicate of MW-13)	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U *	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	3.1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	**13**	6.1	0.51	0.5 U	0.52	0.53	0.51	0.51	0.54
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	**11**	**11**	**12**	**12**	**11**	**11**	**14**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**14**	**17**	8.2	2.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**77**	**55**	**85**	**75**	**110**	**110**	**93**	**98**	**91**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.5**	4.5	**5.1**	**5.1**	**6.8**	**6.5**	**5.1**	**5.1**	**6.1**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-13	MW-13	MW-13	MW-13_20220624	NC-MW-14	NC-MW-14	NC-MW-14	NC-MW-14
Lab Sample ID	Class GA	460-178014-9	460-206193-12	460-229587-12	460-261101-8	220-1805-6	220-6128-4	460-35209-11	460-38104-2
Date Sampled	AWQSGVs	03/22/2019	03/31/2020	03/02/2021	06/24/2022	6/7/07	8/8/08	12/22/11	3/14/12
Dilution		1	1	1	1	2	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.2 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 UM	0.2 J	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	0.6 U	5 U	2 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.8 U	0.2 U	5 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.3 U	0.0 U	5 U	2 U
Acetone	50	5 U	5 U	5 U	5 U	4.4 JB	1.2 J B	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.3 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.7 U	0.3 U *	0.5 U	0.5 U
Chloroform	7	0.6	0.5 U	0.53	0.58	0.3 J	0.1 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.1 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**12**	**6.4**	**10**	**8.2**	**7.1**	**5.5**	4.8	**5.2**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.0 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	1.9 U	1.2 J B	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.0 U	0.5 U	0.5 U
Tetrachloroethene	5	**81**	**35**	**47**	**68**	**110**	**28**	**63**	**66**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.8 U	0.1 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Trichloroethene	5	**5.2**	2.5	4.1	4.4	**5.8**	3.2	3.9	4
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	0.7 U	0.0 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-14	NC-MW-14	NC-MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14
Lab Sample ID	Class GA	460-41820-3	460-45132-1	460-48444-9	460-52943-10	460-58425-8	460-63419-9	460-68457-9	460-73501-8	460-78632-14
Date Sampled	AWQSGVs	6/26/12	9/25/12	12/12/12	03/20/2013	6/19/13	09/18/2013	12/10/2013	03/24/2014	6/24/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U	2 U *	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2 U	2.5 U	2.6	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.4	4.1	4.3	4.2	**5.2**	**5.3**	2.7	4.1	**6**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**69**	**36**	**53**	**62**	**60**	**59**	**40**	**59**	**59**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Trichloroethene	5	**5.3**	3.7	**5.3**	4.2	4	4.5	2.8	3.7	3.7
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-33	MW-14	MW-14	MW-14	MW-33	MW-14	MW-33	MW-14	MW-14
Lab Sample ID	Class GA	460-78632-15	460-83906-11	460-87971-18	460-92100-12	460-92100-16	460-97418-9	460-97418-23	460-100970-16	460-105529-9
Date Sampled	AWQSGVs	6/24/14	9/29/14	12/10/14	3/17/15	3/17/15	6/24/15	6/24/15	9/9/15	11/24/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L	(Duplicate of MW-14)				(Duplicate of MW-14)		(Duplicate of MW-14)		
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U H
2-Hexanone	50	2.5 U	2.5 U	2.5 U	6.9	6.4	2.5 U *	2.5 U	2.5 U	2.5 U H
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U H
Acetone	50	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U H
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
cis-1,2-Dichloroethene	5	5.8	**6**	4	3.7	3.8	5	4.6	**7.6**	4.5 H
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	0.5 U	0.5 U H
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U H
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Tetrachloroethene	5	**58**	**52**	**49**	**43**	**43**	**32**	**28**	**32**	**27 H**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Trichloroethene	5	3.6	3.4	3.2	3.1	3.2	3.1	2.5	**13**	**8.6 H**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U H

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14
Lab Sample ID	Class GA	460-111027-16	460-116655-7	460-120863-14	460-125950-3	460-130150-10	460-136354-5	460-142013-2	460-147156-11	460-152173-9
Date Sampled	AWQSGVs	3/24/16	7/5/16	9/22/16	12/21/16	3/20/17	6/28/17	9/26/17	12/12/17	03/14/2018
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.4	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	11	2.5 U
Acetone	50	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	3	2.5 U	32	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Bromomethane	5	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	4.4	3.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	3.4	3.5	0.5 U	0.5 U	3.6	4.8	3.9	0.68	5
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**30**	**31**	**44**	**36**	**22**	**30**	**18**	1.8	**41**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.89	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.86	2.1	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**8.4**	**5.7**	3.9	3.1	**9**	**6.6**	**5.8**	1.7	**5.1**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	**4.1**	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14_20210928	MW-14_20220623
Lab Sample ID	Class GA	460-165257-6	460-178564-5	460-191086-1	460-206193-3	460-218471-1	460-229587-8	460-244050-7	460-261101-9
Date Sampled	AWQSGVs	09/20/2018	03/28/2019	09/09/2019	03/30/2020	09/14/2020	03/03/2021	09/28/2021	06/23/2022
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	3.9	2.5 U	2.5 U	2.5 U	2.5	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	3.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5.4	8	8.3	5.3	5 U	12	11	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	1.7	1.5	2.5	1.1	4.9	1	0.5 U	2.8
cis-1,3-Dichloropropene	0.4 TS	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**11**	1.8	1.1	2.3	1.5	1.3	0.5 U	**9.1**
Toluene	5	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	1.7 *	0.69	**7.8**	1.3	2.3	0.76	0.67	0.63
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.9	1.9	1.1	0.98	4.3	2.1	0.5 U	1.6
Vinyl chloride	2	1.2	0.59	**5.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Class GA AWQSGVs µg/L	MW-X_20220623 460-261101-16 06/23/2022 1 (Duplicate of MW-14)	NC-MW-17 220-6178-6 8/8/08 1	NC-MW-17 460-35209-1 12/20/11 1	NC-MW-18 220-6122-3 8/5/08 1	NC-MW-18 460-35209-8 12/21/11 1	NC-MW-18B 460-35209-9 12/21/11 1 (Duplicate of MW-18)	NC-MW-18 460-38104-3 3/14/12 1	NC-MW-18 460-41820-2 6/26/12 1
1,1,1-Trichloroethane	5	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.1 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	0.6 U	6.6	0.6 U	5 U	5 U	2 U	2 U
2-Hexanone	50	2.5 U	0.2 U	5 U	0.2 U	5 U	5 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.0 U	5 U	0.0 U	5 U	5 U	2 U	2 U
Acetone	50	5 U	2.2 J B	13	0.8 J	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.3 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.0 U	0.5 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.3 U *	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	3.7	0.5 U	0.5 J	0.5 U	0.5 U	0.5 U	0.53
Chloromethane	5	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.9	0.9 J	0.5 U	2.5	2.4	2.4	2.5	2.2
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.0 U	0.5 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.0 U	0.5 U	0.0 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.8 J B	0.5 U	0.2 J B	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.0 U	0.5 U	0.0 U *	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**10**	3.7	0.5 U	**60**	**67**	**67**	**71**	**71**
Toluene	5	0.5 U	0.2 J	**320**	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.55	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1.9	0.3 J	0.5 U	2.9	2.9	2.7	2.9	3
Vinyl chloride	2	0.5 U	0.1 U	0.5 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	0.0 U	1.5 U	0.0 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-18	NC-MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Lab Sample ID	Class GA	460-45132-2	460-48444-10	460-52943-11	460-58425-10	460-63419-11	460-68457-10	460-73501-6	460-78632-13	460-83906-10
Date Sampled	AWQSGVs	9/25/12	12/12/12	03/20/2013	6/19/13	09/17/2013	12/10/2013	03/24/2014	6/24/14	9/29/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U *	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.54	0.6	0.56	0.5 U	0.57	0.57	0.59	0.51
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.5	2.6	2.4	2.5	2.7	2.4	2.2	2.2	2.6
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**47**	**62**	**65**	**57**	**55**	**56**	**66**	**46**	**58**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Trichloroethene	5	2.8	3.1	3	2.6	3	2.6	2.8	2	2.3
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-18	MW-18	MW-18	MW-18	MW-18	MW-33	MW-18	MW-18	MW-33
Lab Sample ID	Class GA	460-87971-21	460-92100-13	460-97418-10	460-100970-10	460-105529-10	460-105529-20	460-111027-4	460-115789-6	460-115789-7
Date Sampled	AWQSGVs	12/10/14	3/17/15	6/24/15	9/3/15	11/24/15	11/24/15	3/21/16	6/21/16	6/21/16
Dilution		1	1	1	1	1	1 (Duplicate of MW-18)	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.6	0.62	0.64	0.62	0.61	0.51	0.59	0.56
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.3	2.6	2.9	2.8	2.6	2.5	2.5	2.4	2.3
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**57**	**57**	**60**	**56**	**56**	**54**	**53**	**54**	**53**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.5	2.9	3	2.9	3	2.9	2.4	2.9	2.9
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-18	MW-33	MW-18	MW-18B	MW-18	MW-18	MW-18	MW-18	MW-18
Lab Sample ID	Class GA	460-120863-16	460-120863-17	460-125950-5	460-125950-7	460-130150-11	460-136354-19	460-141710-7	460-147156-12	460-152173-10
Date Sampled	AWQSGVs	9/22/16	9/22/16	12/21/16	12/21/16	3/21/17	6/26/17	9/25/17	12/11/17	03/14/2018
Dilution		1	1 (Duplicate of MW-18)	1	1 (Duplicate of MW-18)	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.72	0.73	0.63	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	2.7	2.6	2.6	2.7	0.58	0.5 U	0.59	0.52	0.62
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	2.6	2.2	2.6	2.3	3.1
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**56**	**57**	**53**	**54**	**61**	**51**	**67**	**57**	**55**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.9	3	3.1	3.2	3	2.7	3.5	2.7	3.5
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Class GA AWQSGVs µg/L	MW-18 460-178564-2 03/28/2019 1	MW-18 460-206193-4 03/30/2020 1	MW-X 460-206193-7 03/30/2020 1 (Duplicate of MW-18)	MW-18 460-229587-10 03/03/2021 1	MW-X 460-229587-16 03/03/2021 1 (Duplicate of MW-18)	MW-18_20220623 460-261101-10 06/23/2022 1	NC-MW-19 220-6122-1 8/4/08 2	NC-MW-19B 220-6122-2 8/4/08 2 (Duplicate of NC-MW-19)
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 U	0.4 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.2 J
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 U	0.3 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.1 U	1.1 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.3 U *	0.3 U *
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.1 U	0.1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	8.8 J B	8.4 J B
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7 U	0.7 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.6 U
Chloroform	7	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.4 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	5	2.7	2.2	2.2	2.6	2.5	2.5	**45**	**44**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2 J B	2.0 J B
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Tetrachloroethene	5	**53**	**42**	**40**	**43**	**44**	**51**	**180**	**190**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.3 J
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U
Trichloroethene	5	2.8	2.4	2.2	2.8	2.8	3.2	**12**	**12**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.3 J
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.0 U	0.0 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-19	NC-MW-19	NC-MW-19	NC-MW-19	NC-MW-19B	NC-MW-19	NC-MW-19B	MW-19	MW-19
Lab Sample ID	Class GA	460-35209-6	460-38104-8	460-41850-3	460-45181-2	460-45181-2	460-48444-11	460-48444-12	460-52943-12	460-58425-11
Date Sampled	AWQSGVs	12/21/11	3/14/12	6/27/12	9/26/12	9/26/12	12/12/12	12/12/12	03/19/2013	6/19/13
Dilution		1	1	1	1	1 (Duplicate of NC-MW-19)	1	1 (Duplicate of NC-MW-19)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	5 U	2 U	2 U	2 U	2 U	2 U *	2 U *	2 U	2 U
2-Hexanone	50	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**74**	**60**	**89**	**100**	**100**	**100**	**100**	**140**	**120**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**250**	**220**	**310**	**270**	**270**	**300**	**300**	**470**	**380**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5	0.5	0.5 U	0.5 U	0.5 U	0.69	0.6
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**22**	**19**	**30**	**32**	**32**	**32**	**31**	**48**	**36**
Vinyl chloride	2	1.7	0.53	0.5 U	1.7	1.6	0.79	0.78	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-35	MW-19	MW-19
Lab Sample ID	Class GA	460-63419-11	460-68457-11	460-73501-9	460-78632-12	460-83906-8	460-87971-11	460-87971-10	460-92100-14	460-97418-11
Date Sampled	AWQSGVs	09/17/2013	12/12/2013	03/25/2014	6/24/14	9/30/14	12/12/14	12/12/14	3/19/15	6/26/15
Dilution		1	1	1	1	1	1	1 (Duplicate of MW-19)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**55**	**130**
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**120**	**64**	**60**	**63**	**72**	**56**	**55**	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	NA	NA	6.2	8.5	15	10	9.9	5.5	**15**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**300**	**220**	**230**	**190**	**230**	**210**	**210**	**170**	**350**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.65
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**40**	**22**	**23**	**21**	**21**	**20**	**20**	**23**	**44**
Vinyl chloride	2	0.73	0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.99
Xylenes, Total	NS	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
Lab Sample ID	Class GA	460-100970-3	460-105529-11	460-111027-10	460-116655-1	460-120863-24	460-126068-5	460-136354-9	460-142013-4	460-147156-13
Date Sampled	AWQSGVs	09/04/2015	11/25/15	3/23/16	7/1/16	9/22/16	12/22/16	6/27/17	9/26/17	12/11/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U *	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	**110**	**140**	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**100**	**61**	**69**	**87**	0.5 U	0.5 U	**27**	**43**	**100**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	9.6	6.5	5.7	6.7	6.7	7.5	8.9	9.1	6
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**250**	**200**	**180**	**190**	**260**	**330**	**96**	**140**	**310**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.59	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**32**	**21**	**24**	**28**	**35**	**44**	**9.7**	**16**	**32**
Vinyl chloride	2	0.73	0.5 U	0.52	1.1	0.63	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-19	MW-19	MW-19	MW-19	MW-33	MW-19	MW-19	MW-19
Lab Sample ID	Class GA	460-152173-17	460-165257-1	460-178564-7	460-191086-4	460-191086-9	460-206488-4	460-218471-2	460-229587-5
Date Sampled	AWQSGVs	03/15/2018	09/17/2018	03/27/2019	09/09/2019	09/10/2019	04/01/2020	09/14/2020	03/05/2021
Dilution		1	1	1	1	1 (Duplicate of MW-19)	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**44**	**37**	**130**	**68**	**69**	**89**	**93**	**99**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	6.2	3.5	3.9	3.8	3.6	1.3	1.2	0.82
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**130**	**100**	**240**	**100**	**110**	**210**	**170**	**150**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U *	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.76
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**16**	**12**	**35**	**24**	**25**	**28**	**29**	**30**
Vinyl chloride	2	0.5 U	0.5 U	0.53	0.57	0.64	0.5 U	0.5 U	0.62
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-19_20210928	MW-19_20220623	NC-MW-20	NC-MW-20	NC-MW-20	NC-MW-20	NC-MW-20	NC-MW-20
Lab Sample ID	Class GA	460-244050-8	460-261101-11	220-6178-1	220-11793-1	460-35281-2	460-38104-1	460-41853-2	460-45240-3
Date Sampled	AWQSGVs	09/28/2021	06/23/2022	8/7/08	8/7/08	12/27/11	3/13/12	6/28/12	9/27/12
Dilution		1	1	2	2	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.4 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.3 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	1.1 U	0.5 U	5 U	2 U	2 U	2 U
2-Hexanone	50	2.5 U	2.5 U	0.3 U	0.6 U	5 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.1 U	0.1 U	5 U	2 U	2 U	2 U
Acetone	50	5 U	5 U	12.0 B	0.1 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.7 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.1 U	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.6 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.1 U	**19**	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.2 U *	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**65**	**76**	**16**	0.1 U	**17**	**18**	**17**	**18**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.1 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	3.3 J * B	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**99**	**68**	**74**	**82**	**100**	**97**	**90**	**73**
Toluene	5	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.1 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**20**	**26**	**8**	**7.7**	**7.6**	**7.4**	**8.5**	**7.9**
Vinyl chloride	2	2	**3.1**	0.2 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	0.0 U	0.3 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	NC-MW-20	MW-20	MW-20	MW-20B	MW-20	MW-20	MW-20	MW-20	MW-20
Lab Sample ID	Class GA	460-48444-13	460-52943-13	460-58425-12	460-58425-13	460-63419-12	460-68457-12	460-73501-1	460-78632-11	460-83906-16
Date Sampled	AWQSGVs	12/12/12	03/21/2013	6/21/13	6/21/13	09/16/2013	12/10/2013	03/26/2014	6/24/14	9/26/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U *	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**20**	**17**	**16**	**16**	**21**	**17**	**15**	**16**	**17**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**96**	**100**	**77**	**77**	**100**	**97**	**110**	**94**	**92**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**8.4**	**8.4**	**6.5**	**6.8**	**10**	**8**	**7.9**	**7.5**	**7.2**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-20	MW-20	MW-20	MW-20	MW-20	MW-33	MW-20	MW-20	MW-20
Lab Sample ID	Class GA	460-87971-6	460-97418-12	460-100970-9	460-105529-12	460-111027-5	460-111027-6	460-115789-2	460-120863-2	460-125950-1
Date Sampled	AWQSGVs	12/8/14	6/22/15	9/2/15	11/23/15	3/22/16	3/22/16	6/20/16	9/20/16	12/21/16
Dilution		1	1	1	1	1	1 (Duplicate of MW-20)	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Acetone	50	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**15**	**14**
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**14**	**18**	**18**	**15**	**15**	**14**	**15**	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Ethylbenzene	5	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**87**	**91**	**94**	**84**	**86**	**85**	**80**	**93**	**87**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**7.3**	**9.4**	**8.8**	**7.7**	**7.6**	**7.1**	**7.9**	**8.8**	**8**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-20	MW-20	MW-20	MW-20	NC-MW-21	NC-MW-22	MW-23	MW-23	MW-23
Lab Sample ID	Class GA	460-130150-12	460-136354-21	460-141710-12	460-147156-14	220-6128-3	220-6128-2	460-68457-13	460-73501-19	460-78632-9
Date Sampled	AWQSGVs	3/20/17	6/26/17	9/25/17	12/12/17	8/7/08	8/7/08	12/12/2013	03/26/2014	6/25/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	0.6 U	0.6 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.2 U *	0.2 U *	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.0 U *	0.0 U *	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	1.2 J B	0.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U *	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.1 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.0 U	0.0 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.9 J	2.4	2.5	3.3
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U *	0.1 U *	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**13**	**14**	**14**	**13**	**5**	**22**	0.73	0.61	0.66
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.0 U	0.0 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.0 U	0.0 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J B	0.2 J B	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.0 U	0.0 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**86**	**86**	**82**	**100**	**15**	**58**	4.2	4.3	4.1
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.2 J	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**7.4**	**8.2**	**8.6**	**7.4**	**6.0**	**6.3**	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	0.0 U	0.0 U	1.5 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23
Lab Sample ID	Class GA	460-83906-20	460-87971-7	460-92100-15	460-100970-14	460-97418-13	460-105529-13	460-111272-2	460-115789-1	460-120863-1
Date Sampled	AWQSGVs	9/26/14	12/8/14	3/17/15	6/22/15	9/2/15	11/25/15	3/28/16	6/20/16	9/20/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Acetone	50	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	3.8	5.3	0.5 U	0.5 U	0.5 U	0.5 U	4.4
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	3.5	3.8	0.56	0.67	5.3	4.5	4.1	4.3	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.59	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	3.6	3.3	3.6	4.6	3.1	3.3	3.4	2.4	3
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	NC-MW-24	MW-24	MW-24
Lab Sample ID	Class GA	460-126068-12	460-130150-13	460-136354-11	460-142013-11	460-147156-15	460-152173-1	460-50712-1	460-52943-14	460-58425-14
Date Sampled	AWQSGVs	12/27/16	3/21/17	6/27/17	9/27/17	12/12/17	03/14/2018	2/7/13	03/18/2013	6/21/13
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
Acetone	50	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	4	3.5	3.5	4.2	3.4	3.7	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.62	0.5 U	0.5 U	0.55	0.5	**15**	**15**	**12**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**29**	4.4	2.5	4.1	4.6	3	**71**	**81**	**59**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.3**	**6.7**	**5.6**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24
Lab Sample ID	Class GA	460-63419-13	460-68457-14	460-73501-20	460-78632-4	460-83906-19	460-87971-3	460-92100-17	460-97418-14	460-100970-13
Date Sampled	AWQSGVs	09/16/2013	12/09/2013	03/26/2014	6/26/14	9/26/14	12/8/14	3/18/15	6/23/15	9/3/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**18**	**13**	**13**	**11**	**14**	**13**	0.87	**16**	**13**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	**48**	**44**	**45**	**48**	0.92	**50**	**45**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**80**	**70**	**83**	**66**	**71**	**72**	**12**	**86**	**65**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**8.3**	**6**	**6.1**	**5.3**	**5.6**	**6.1**	0.64	**8.3**	**6.6**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24
Lab Sample ID	Class GA	460-105529-14	460-111272-5	460-115789-5	460-120863-5	460-125950-6	460-130150-14	460-136354-20	460-141710-9	460-147156-16
Date Sampled	AWQSGVs	11/23/15	3/28/16	6/20/16	9/20/16	12/21/16	3/20/17	6/26/17	9/25/17	12/12/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	**13**	**13**	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**12**	**11**	**11**	0.5 U	0.5 U	**7.7**	**7.4**	**11**	**12**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	**39**	**38**	**31**	**46**	**45**	**25**	**16**	**29**	**34**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**66**	**56**	**58**	**87**	**76**	**51**	**46**	**73**	**90**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**6.2**	**5.4**	**5.5**	**7.9**	**7.2**	4.3	4.7	**6.9**	**6.7**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-24	MW-24	MW-24	MW-24	MW-24_20220624	NC-MW-25	MW-25	MW-25
Lab Sample ID	Class GA	460-152229-3	460-178564-9	460-206193-10	460-229587-3	460-261101-12	460-50712-1	460-52943-15	460-58425-15
Date Sampled	AWQSGVs	03/16/2018	03/27/2019	03/31/2020	03/05/2021	06/24/2022	2/7/13	03/19/2013	6/20/13
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U
Acetone	50	2.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	**5.6**	**10**	**5.2**	**8.1**	1.6	4.8	**10**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	10	9.8	3.8	4.4	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.9**
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**5.1**	**26**	**49**	**31**	**55**	**43**	**88**	**130**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	2.7	5	2.7	4.7	2.7	**6.5**	**10**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-25	MW-25B (FD)	MW-25	MW-25	MW-25	MW-25	MW-25B	MW-25	MW-25
Lab Sample ID	Class GA	460-63419-14	460-63419-15	460-68457-15	460-73501-7	460-78632-22	460-83906-14	460-83906-15	460-87971-19	460-92100-18
Date Sampled	AWQSGVs	09/17/2013	09/17/2013	12/10/2013	03/24/2014	6/23/14	9/29/14	9/29/14	12/10/14	3/19/15
Dilution		1	1	1	1	1	1	1 (Duplicate of MW-25)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U *	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**8.9**	**8.3**	3.1	4.5	**5.4**	**8**	**7.4**	**6**	2.2
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Methyl tert-butyl ether	10	NA	NA	NA	0.56	0.63	0.54	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.63	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**85**	**90**	**41**	**65**	**58**	**88**	**83**	**69**	**29**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**8.8**	**9**	3.4	5	4.6	**6.6**	**6.5**	**5.8**	2.3
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25
Lab Sample ID	Class GA	460-97418-15	460-100970-4	460-105529-15	460-120863-18	460-116655-3	460-116655-3	460-126068-4	460-130150-15	460-136354-8
Date Sampled	AWQSGVs	6/25/15	9/4/15	11/25/15	3/21/16	7/1/16	9/22/16	12/22/16	3/20/17	6/27/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U *	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.55	**12**	5.4	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**8.9**	**9.7**	**7.9**	**5.1**	**5.3**	0.5 U	0.5 U	4.2	**6.3**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**98**	**97**	**83**	**58**	**54**	**130**	**61**	**63**	**81**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**8.9**	**9.1**	**7.5**	4.3	5	**11**	**5.6**	4.5	**7**
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25	MW-25_20220623	NC-MW-26
Lab Sample ID	Class GA	460-141710-6	460-147156-17	460-152173-14	460-178014-7	460-206193-5	460-229587-4	460-261101-13	460-49258-3
Date Sampled	AWQSGVs	9/25/17	12/12/17	03/15/2018	03/22/2019	03/30/2020	03/05/2021	06/23/2022	1/4/13
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2 U
Acetone	50	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromoform	50	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.65	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.7	4.6	**5.2**	**6.8**	**12**	**9.5**	**11**	0.59
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**82**	**93**	**73**	**80**	**41**	**31**	**32**	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**5.9**	**5.6**	**6.1**	**6.7**	**6.9**	**5.1**	**5.7**	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-26	MW-26	MW-26	MW-26	MW-36	MW-26	MW-33	MW-26	MW-26
Lab Sample ID	Class GA	460-52943-16	460-58425-16	460-63419-16	460-68457-16	460-68457-20	460-73501-10	460-73501-11	460-78632-21	460-83906-7
Date Sampled	AWQSGVs	03/20/2013	6/18/13	09/17/2013	12/11/2013	12/12/2013	03/25/2014	03/25/2014	6/23/14	9/30/14
Dilution		1	1	1	1	1 (Duplicate of MW-26)	1	1 (Duplicate of MW-26)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U H	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U H	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	3.2	1.2 H	1.2	1.9	1.9	1.2	1.2	1.1	1.1
Chloroethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	2.7	0.65 H	1.2	4.5	4.5	0.69	0.6	0.5 U	0.62
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	2.5	2.2	0.53	1.4
Methylene Chloride	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**8.5**	0.5 U H	0.55	**6.3**	**6**	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	1.5	0.5 U H	0.5 U	4.1	4.1	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	1.1	0.5 U H	0.5 U	1.2	1.2	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U H	1.5 U	1.5 U	1.5 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-26	MW-26	MW-26	MW-26	MW-33	MW-26	MW-26	MW-26	MW-26
Lab Sample ID	Class GA	460-87971-8	460-92100-19	460-97418-16	460-101140-1	460-101140-1	460-105529-16	460-111027-9	460-116655-10	460-120863-11
Date Sampled	AWQSGVs	12/12/14	3/16/15	6/26/15	9/11/15	9/11/15	11/25/15	3/23/16	7/5/16	9/19/16
Dilution		1	1	1	1	1 (Duplicate of MW-26)	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.55
Acetone	50	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.56	0.56	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Carbon disulfide	60	0.5 U	1.2	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	1.3	0.5 U	0.5 U	2.2	2.3	1.7	1.3	2.2	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.86
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.91	0.65	0.69	1.2	1.2	1.3	0.8	1.2	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Ethylbenzene	5	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Methyl tert-butyl ether	10	1	0.88	0.5 U	1.7	1.7	1.2	0.97	1.4	0.95
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 U	1	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-26	MW-26	MW-26	MW-26	MW-26	MW-26	MW-26	MW-26	MW-26
Lab Sample ID	Class GA	460-126068-3	460-130150-16	460-136354-14	460-141710-8	460-147156-18	460-152173-8	460-178014-3	460-206193-6	460-229587-14
Date Sampled	AWQSGVs	12/22/16	3/21/17	6/27/17	9/25/17	12/11/17	03/14/2018	03/22/2019	03/30/2020	03/02/2021
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	8.5
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.65	0.5 U	0.5	0.5	0.5 U	0.5 U	0.5 U	0.56
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-26_20220623	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27
Lab Sample ID	Class GA	460-261101-14	460-68457-17	460-73501-2	460-78632-7	460-83906-4	460-87971-20	460-92100-20	460-97418-17
Date Sampled	AWQSGVs	06/23/2022	12/13/2013	03/26/2014	6/25/14	10/1/14	12/12/14	3/19/15	6/26/15
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Acetone	50	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.96	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27	MW-27
Lab Sample ID	Class GA	460-100970-5	460-105529-17	460-111027-11	460-116655-4	460-120863-19	460-126068-13	460-130150-17	460-136354-18	460-141710-13
Date Sampled	AWQSGVs	9/4/15	11/25/15	3/23/16	7/1/16	9/23/16	12/27/16	3/20/17	6/26/17	9/25/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.6	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-27	MW-27	MW-33	NC-MW-28	MW-28	MW-28	MW-28	MW-28	MW-28
Lab Sample ID	Class GA	460-147156-19	460-152173-2	460-152173-3	460-49258-2	460-52943-17	460-58425-17	460-63419-17	460-68457-18	460-73501-3
Date Sampled	AWQSGVs	12/11/17	03/14/2018	03/14/2018	1/4/13	03/21/2013	6/18/13	9/17/13	12/12/2013	03/26/2014
Dilution		1	1	1 (Duplicate of MW-27)	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U *	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U H	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U H	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2 U	2 U	2 U H	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U H	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	**6**	**6.7**	**5.9** H	**5.4**	**6.6**	4.2
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	**52**
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	**60**	**69**	**53** H	**63**	**53**	**73**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U *
Trichloroethene	5	0.5 U	0.5 U	0.5 U	4.6	4.5	3.9 H	4.6	4.2	3.9
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U H	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1.5 U	1.5 U	1.5 U H	1.5 U	1.5 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28
Lab Sample ID	Class GA	460-78632-8	460-83906-3	460-87971-16	460-92100-21	460-97418-18	460-100970-6	460-105529-18	460-111027-3	460-116655-9
Date Sampled	AWQSGVs	6/25/14	10/1/14	12/12/14	3/19/15	6/25/15	9/4/15	11/25/15	3/21/16	7/5/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	4.2	4.1	6.3	**7.7**	**7.2**	**5.3**	**6.2**	4.3	4.2
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U *	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	30	20	53	**48**	**27**	8.4	**14**	5.4	2.1
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**59**	**59**	**52**	**60**	**67**	**62**	**50**	**57**	**51**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	3.5	3.2	3.9	**5.3**	**5.4**	4.1	3.6	3.5	3.6
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-X
Lab Sample ID	Class GA	460-120863-20	460-126068-2	460-130150-18	460-136354-12	460-142013-5	460-147156-20	460-152173-15	460-178014-5	460-178014-6
Date Sampled	AWQSGVs	9/23/16	12/22/16	3/20/17	6/27/17	9/27/17	12/12/17	03/15/2018	03/22/2019	03/22/2019
Dilution		1	1	1	1	1	1	1	1	1 (Duplicate of MW-28)
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	4.6	4.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	3.4	4.6	3.5	4	**5.6**	**5.6**	**6.3**
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	1.4	2.1	0.83	0.89	0.57	0.55	1.8	1.5	1.7
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**36**	**62**	**42**	**62**	**47**	**66**	**59**	**37**	**43**
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	2.7	4.1	2.8	4.2	3	3.8	4.9	3.4	3.8
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-28	MW-28	MW-28_20220624	MW-29	MW-29	MW-29	MW-29	MW-29
Lab Sample ID	Class GA	460-206488-5	460-229587-15	460-261101-15	460-68457-19	460-73501-13	460-78632-17	460-83906-9	460-87971-12
Date Sampled	AWQSGVs	04/01/2020	03/02/2021	06/24/2022	12/11/2013	03/27/2014	6/24/14	9/30/14	12/12/14
Dilution		1	1	1	1	1	1	1	1
Analyte	µg/L								
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**5.2**	**5.7**	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.74	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**49**	**38**	**50**	0.58	0.81	0.65	1.1	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	4	3.6	3.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1.5 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29
Lab Sample ID	Class GA	460-92100-22	460-97418-19	460-100970-12	460-105529-19	460-111027-12	460-116655-6	460-120863-7	460-130150-19	460-136354-17
Date Sampled	AWQSGVs	3/18/15	6/25/15	9/2/15	11/30/15	3/24/16	7/5/16	9/21/16	3/21/17	6/27/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	**280**
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.54	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	MW-29	MW-29	Getty Well 7	Getty Well 7	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7
Lab Sample ID	Class GA	460-141710-5	460-147156-21	460-63419-18	460-68457-21	460-73501-18	460-78632-1	460-83906-5	460-87971-17	460-92100-3
Date Sampled	AWQSGVs	9/25/17	12/12/17	09/19/2013	12/12/2013	03/26/2014	6/26/14	10/1/14	12/12/14	3/17/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Acetone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.58	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7	Getty-7
Lab Sample ID	Class GA	460-97418-20	460-100970-8	460-105529-23	460-111272-3	460-116655-5	460-120863-22	460-126068-1	460-130150-20	460-136354-13
Date Sampled	AWQSGVs	6/25/15	9/3/15	11/23/15	3/28/16	7/1/16	9/23/16	12/22/16	3/20/17	6/27/17
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	2.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Getty-7	Getty-7	Getty-7	TRIP BLANK	FIELD BLANK	TRIP BLANK	NC-TB-3	NC-FB-3	TRIP BLANK
Lab Sample ID	Class GA	460-142013-6	460-147156-22	460-152173-11	220-1805-7	220-1821-4	220-1821-5	220-6178-11	220-6178-10	220-11793-6
Date Sampled	AWQSGVs	9/27/17	12/11/17	03/15/2018	6/8/07	6/8/07	6/8/07	8/11/08	8/1/08	3/25/10
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.3 U	0.3 U	0.3 U	0.1 U	0.1 U	0.2 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
2-Butanone (MEK)	50	8.3	2.5 U	2.5 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U *	0.6 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	0.1 U	0.1 U	0.1 U	0.0 U	0.0 U *	0.1 U
Acetone	50	4.3	2.5 U	2.5 U	2.4 J B	0.6 U M	2.1 J B	2.4 J B	1.2 J B	0.1 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U
Bromoform	50	0.5 U	0.5 U *	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
Bromomethane	5	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.3 U	0.3 U	0.1 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.1 U	0.2 J M	0.2 J M	2.0	0.1 U	0.1 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.0 U	0.0 U	0.1 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.4 U	0.4 U	0.4 U	0.3 U	0.3 U	0.2 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U *	0.1 U *	0.1 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.0 U	0.0 U	0.3 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.0 U	0.0 U	0.3 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	2.0 J	7.4	2.1 J	1.1 J*B	0.9 J B	0.1 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.0 U	0.0 U	0.2 U
Tetrachloroethene	5	0.5 U	2	0.5 U	0.2 U	0.5 J	0.2 U	0.1 U	0.1 U	0.1 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.2 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.4 U	0.4 U	0.4 U	0.1 U	0.1 U	0.2 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.3 U	0.3 U	0.3 U	0.1 U	0.1 U	0.1 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
Xylenes, Total	NS	1 U	1 U	1 U	0.3 U	0.3 U	0.3 U	0.0 U	0.0 U	0.3 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	FIELD BLANK	NC-TB	NC-FB	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Lab Sample ID	Class GA	220-11793-7	460-35209-13	460-35209-12	460-35281-4	460-38104-14	460-41820-7	460-41850-6	460-41853-3	460-45132-4
Date Sampled	AWQSGVs	3/25/10	12/22/11	12/22/11	12/27/11	3/15/12	6/26/12	6/27/12	6/28/12	9/25/12
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	0.5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	50	0.6 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	0.1 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	0.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.1 U	2.4	0.5 U	2.3	1.5	2.6	2.8	2.7	1.4
Styrene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	0.3 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	FB-1	Trip Blank	RB-MW-24	Trip Blank	Trip Blank
Lab Sample ID	Class GA	460-45181-7	460-45240-5	460-48444-14	460-49258-4	460-68457-22	460-49258-4	460-50712-2	460-50712-4	460-52943-18
Date Sampled	AWQSGVs	9/26/12	9/27/12	12/10/12	1/4/13	12/13/2013	1/4/13	2/7/13	2/7/13	03/18/2013
Dilution		1	1	1	1	1	1	1 (Rinsate Blank)	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U	2 U	2 U *	2 U	2.5 U	2 U	2 U	2 U	2 U
2-Hexanone	50	2 U	2 U	2 U	2 U	2.5 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	NS	2 U	2 U	2 U	2 U	2.5 U	2 U	2 U	2 U	2 U
Acetone	50	5 U	5 U	5 U	5 U	2.5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	2	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	1.4	1.6	1.5	2	0.83	2	2.3	1.1	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	FB-32714	Trip Blank	FB-062614	Trip Blank	FB-093014
Lab Sample ID	Class GA	460-58425-18	460-63419-19	460-68457-23	460-73501-23	460-73501-22	460-78632-23	460-78632-2	460-83906-1	460-83906-6
Date Sampled	AWQSGVs	6/18/13	09/16/2013	12/13/2013	03/27/2014	03/27/2014	6/26/14	6/26/14	10/1/14	9/30/14
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U
Acetone	50	5 U H	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U
Benzene	1	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U H	0.86	2.5	1.1	1.8	2.5	0.89	0.5 U	0.5 U
Chloromethane	5	0.5 U H	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U
Ethylbenzene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U
Methyl tert-butyl ether	10	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	1.5 H	0.67	0.75	0.64	0.68	0.56	1.1	0.5 U	0.5 U
Styrene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.5 U H	1.5 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	FB-121014	Trip Blank	FB-031915	Trip Blank	FB-062315	Trip Blank	FB-090915	FB-113015
Lab Sample ID	Class GA	460-87971-1	460-87971-23	460-92100-1	460-92100-2	460-97418-21	460-97418-22	460-100970-1	460-100970-2	460-105529-21
Date Sampled	AWQSGVs	12/12/14	12/10/14	3/19/15	3/19/15	6/26/15	6/23/15	9/9/15	9/9/15	11/30/15
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	9.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U *
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	Trip Blank	Trip Blank	FB-032316	FB-070616	TB-070616	FB-092116	Trip Blank	FB-092116
Lab Sample ID	Class GA	460-105529-22	460-111027-13	460-111272-4	460-111027-15	460-116655-17	460-116655-16	460-120863-8	460-120863-3	460-125950-9
Date Sampled	AWQSGVs	11/30/15	3/24/16	3/29/16	3/23/16	7/6/16	7/6/16	9/21/16	9/20/16	12/21/16
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	2.5 U *	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.55	0.54
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	FB-20170320	Field Blank	Field Blank	TB-20170320	Trip Blank	Trip Blank	Trip Blank	Field Blank
Lab Sample ID	Class GA	460-125950-10	460-130150-21	460-136354-23	460-142013-7	460-130150-22	460-136354-24	460-142013-8	460-147156-24	460-152173-18
Date Sampled	AWQSGVs	12/21/16	3/20/17	6/28/17	9/27/17	3/20/17	6/28/17	9/27/17	12/14/17	03/15/2018
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	0.5 U	6.1	5.1	5.9	6.2	3.4	4	2.5 U	2.8
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U *
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	Trip Blank	Trip Blank	Field Blank	Trip Blank	FIELDBLANK	TRIPBLANK	FB	TB	FB_20200916
Lab Sample ID	Class GA	460-152229-4	460-165257-10	460-178014-1	460-178014-2	460-191086-10	460-191086-11	460-206193-9	460-206488-6	460-218471-10
Date Sampled	AWQSGVs	03/16/2018	09/20/2018	03/22/2019	03/22/2019	09/10/2019	09/10/2019	03/31/2020	04/01/2020	09/16/2020
Dilution		1	1	1	1	1	1	1	1	1
Analyte	µg/L									
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	2.5 U	9.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.61
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)

Client ID	NYSDEC	TB_20200916	FB_20210305	TB_20210305	FB_20210929	TB_20210929	FB_20220623	TB_20220624
Lab Sample ID	Class GA	460-218471-9	460-229587-18	460-229587-17	460-244050-9	460-244050-10	460-261101-17	460-261101-18
Date Sampled	AWQSGVs	09/16/2020	03/05/2021	03/05/2021	09/29/2021	09/29/2021	06/23/2022	06/24/2022
Dilution		1	1	1	1	1	1	1
Analyte	µg/L							
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone (MEK)	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Methyl-2-pentanone (MIBK)	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	11	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U *	0.5 U *	0.5 U	0.5 U
Carbon disulfide	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.68	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4 TS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes, Total	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
New City Plaza
New City, NY
Groundwater Analytical Results
Notes

DEFINITIONS

NS : No soil cleanup objective listed.

NR : Not reported.

ND : No Detect

NA : Not applicable.

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

J : The concentration given is an estimated value.

M : Concentration calculated using manual integration.

B : The analyte was found in an associated blank, as well as in the sample.

TS : Value represents a sum total standard.

*** :** LCS or LCSD exceeds the control limits.

H / H* : Sample was prepped or analyzed beyond the specified holding time.

U H : Sample was prepped or analyzed beyond the specified holding time.

µg/L : micrograms per Liter = parts per billion (ppb)

STANDARDS

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation 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.

Table 4
New City Plaza
New City, NY
Indoor and Ambient Air Analytical Results
Volatile Organic Compounds (VOCs)

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDOH AGVs µg/m³	IA-1_20210929 200-60355-1 09/29/2021 1	IA-X_20210929 200-60355-2 09/29/2021 1 (Duplicate of IA-1)	AA_20210929 200-60355-3 09/29/2021 1
1,1,1-Trichloroethane	NS	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	NS	1.1 U	1.1 U	1.1 U
1,1,2-Trichlorotrifluoroethane	NS	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	NS	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	NS	0.14 U	0.14 U	0.14 U
1,2,4-Trichlorobenzene	NS	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	NS	0.98 U	0.98 U	0.98 U
1,2-Dibromoethane	NS	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	NS	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene	NS	0.98 U	0.98 U	0.98 U
1,3-Butadiene	NS	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U
1,4-Dioxane	NS	18 U	18 U	18 U
2,2,4-Trimethylpentane	NS	0.93 U	0.93 U	0.93 U
2-Chlorotoluene	NS	1 U	1 U	1 U
3-Chloropropene	NS	1.6 U	1.6 U	1.6 U
4-Ethyltoluene	NS	0.98 U	0.98 U	0.98 U
4-Isopropyltoluene	NS	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	NS	2 U	2 U	1.7 J
Acetone	NS	7 J	7.7 J	5.7 J
Benzene	NS	0.31 J	0.64 U	0.28 J
Benzyl chloride	NS	1 U	1 U	1 U
Bromodichloromethane	NS	1.3 U	1.3 U	1.3 U
Bromoethene(Vinyl Bromide)	NS	0.87 U	0.87 U	0.87 U
Bromoform	NS	2.1 U	2.1 U	2.1 U
Bromomethane	NS	0.78 U	0.78 U	0.78 U
Carbon disulfide	NS	1.6 U	1.6 U	1.6 U
Carbon tetrachloride	NS	0.22 U	0.22	0.28
Chlorobenzene	NS	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	NS	0.72 J	0.56 J	0.6 J
Chloroethane	NS	1.3 U	1.3 U	1.3 U
Chloroform	NS	0.98 U	0.98 U	0.98 U
Chloromethane	NS	0.76 J	0.71 J	0.82 J
cis-1,2-Dichloroethene	NS	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	NS	0.91 U	0.91 U	0.91 U
Cumene	NS	0.98 U	0.98 U	0.98 U
Cyclohexane	NS	0.69 U	0.69 U	0.69 U
Dibromochloromethane	NS	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	1.3 J	1.3 J	1.2 J
Ethylbenzene	NS	0.87 U	0.87 U	0.87 U
Hexachlorobutadiene	NS	2.1 U	2.1 U	2.1 U
Isopropyl alcohol	NS	6.7 J	6.9 J	12 U
m,p-Xylene	NS	2.2 U	2.2 U	2.2 U
Methyl Butyl Ketone (2-Hexanone)	NS	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	NS	1.5 U	1.5 U	0.95 J
Methyl methacrylate	NS	2 U	2 U	2 U
Methyl tert-butyl ether	NS	0.72 U	0.72 U	0.72 U
Methylene Chloride	60	1.7 U	0.63 J	1.7 U
n-Butane	NS	0.59 J	0.54 J	0.82 J
n-Butylbenzene	NS	1.1 U	1.1 U	1.1 U
n-Heptane	NS	0.82 U	0.82 U	0.82 U
n-Hexane	NS	1.8 U	1.8 U	1.8 U
n-Propylbenzene	NS	0.98 U	0.98 U	0.98 U
Naphthalene	NS	2.6 U	2.6 U	2.6 U
o-Xylene	NS	0.87 U	0.87 U	0.87 U
sec-Butylbenzene	NS	1.1 U	1.1 U	1.1 U
Styrene	NS	0.85 U	0.85 U	0.85 U
tert-Butyl alcohol	NS	15 U	15 U	15 U
tert-Butylbenzene	NS	1.1 U	1.1 U	1.1 U
Tetrachloroethene	30	0.39 J	1.4 U	2.2
Tetrahydrofuran	NS	15 U	15 U	15 U
Toluene	NS	1.7	1.6	0.93
trans-1,2-Dichloroethene	NS	0.7 J	0.82	0.79 U
trans-1,3-Dichloropropene	NS	0.91 U	0.91 U	0.91 U
Trichloroethene	2	0.19 U	0.19 U	0.19 U
Trichlorofluoromethane	NS	0.76 J	0.8 J	0.94 J
Vinyl chloride	NS	0.2 U	0.2 U	0.2 U

Table 4
New City Plaza
New City, NY
Indoor and Ambient Air Analytical Results
Notes

DEFINITIONS

J : The concentration given is an estimated value.

NS : No standard.

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

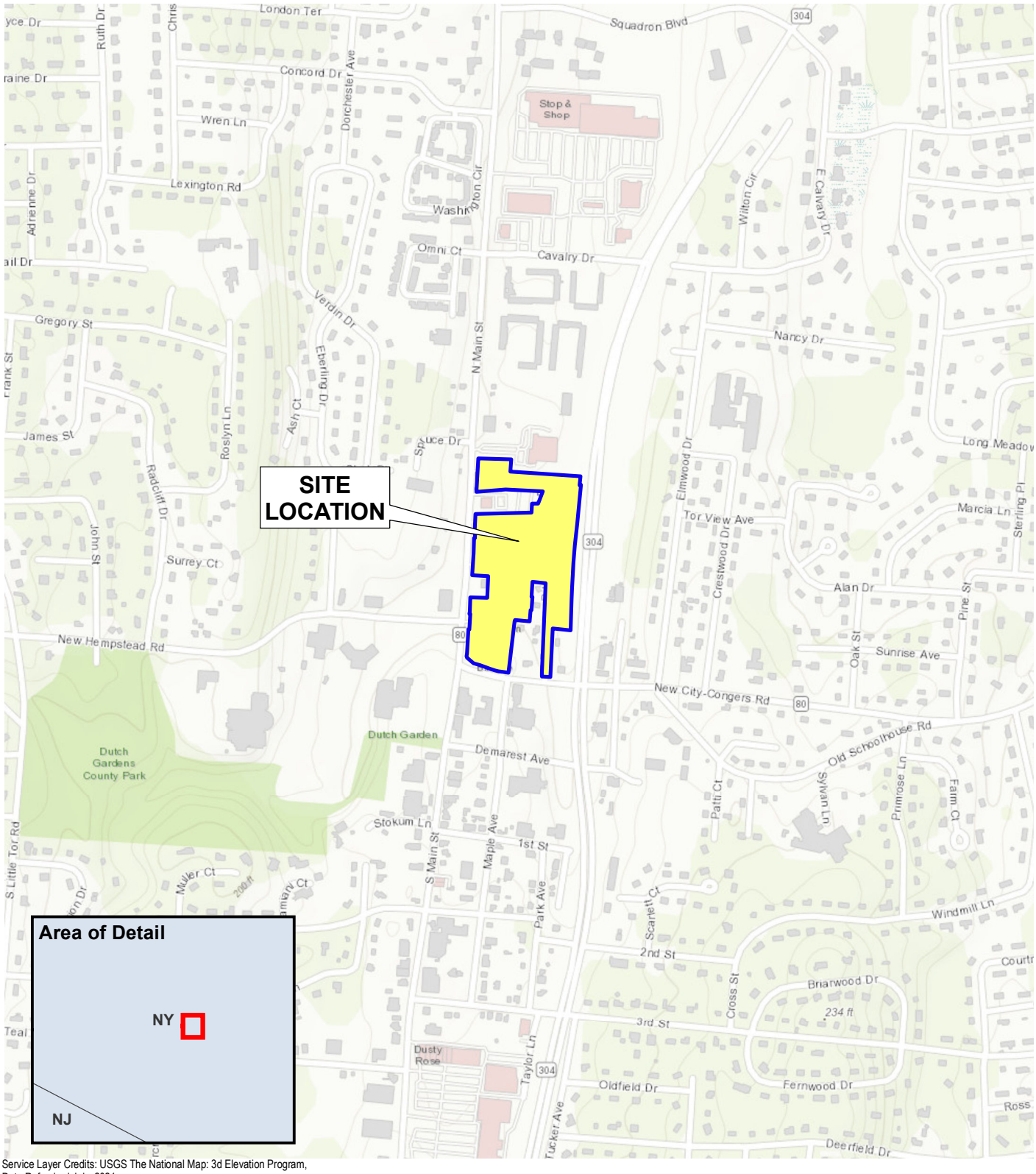
$\mu g/m^3$: micrograms per cubic meter of air

STANDARDS

NYSDOH Soil Vapor Intrusion Air Guidance Value : 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.

Exceedances of NYSDOH AGVs are highlighted in bold font.

FIGURES



©2022 AKRF Q:\Office Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\GIS\40217 Fig 1 Site Location.mxd 8/16/2022 9:17:29 AM mvellieux

AKRF
440 Park Avenue South, New York, NY 10016

New City Plaza
New City, New York

SITE LOCATION

DATE
8/16/2022

PROJECT NO.
40217

FIGURE
1

N.Y.S. ROUTE 304

EAST EVERGREEN ROAD

CONGERS ROAD

WEST EVERGREEN ROAD

MAIN STREET

MAIN STREET

SHOP RITE

LITTLE ITALY PIZZA

TAEKWONDO

LIQUOR & WINE

LEE'S HAIRS

MAX MIARA

BOSTON MARKET

VACANT

7-ELEVEN

VERIZON WIRELESS

CASH 4 DOLLAR

SUPERCUTS

$2.99 CLEANERS

CENTURY 21

CAPRIS

MAY STREET CAFE

OSCAR HAIRS

10 11 12 13 14 15 16 17

LEGEND

PROPERTY BOUNDARY

BCP SITE BOUNDARY

FORMER ROBBIE J CLEANERS

10 TENANT SPACE NUMBER

0 50 100 200

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

NEW CITY PLAZA
New City, New York

SITE PLAN

DATE
8/16/2022

PROJECT NO.
40217

FIGURE
2

©2022 AKRF, Inc. Q:\Office Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\PRR\2017\CAD\40217 Fig 2 Site Plan.dwg last save: mveilleux 8/16/2022 9:37 AM

AKRF
440 Park Avenue South, New York, NY 10016

NEW CITY PLAZA
New City, New York

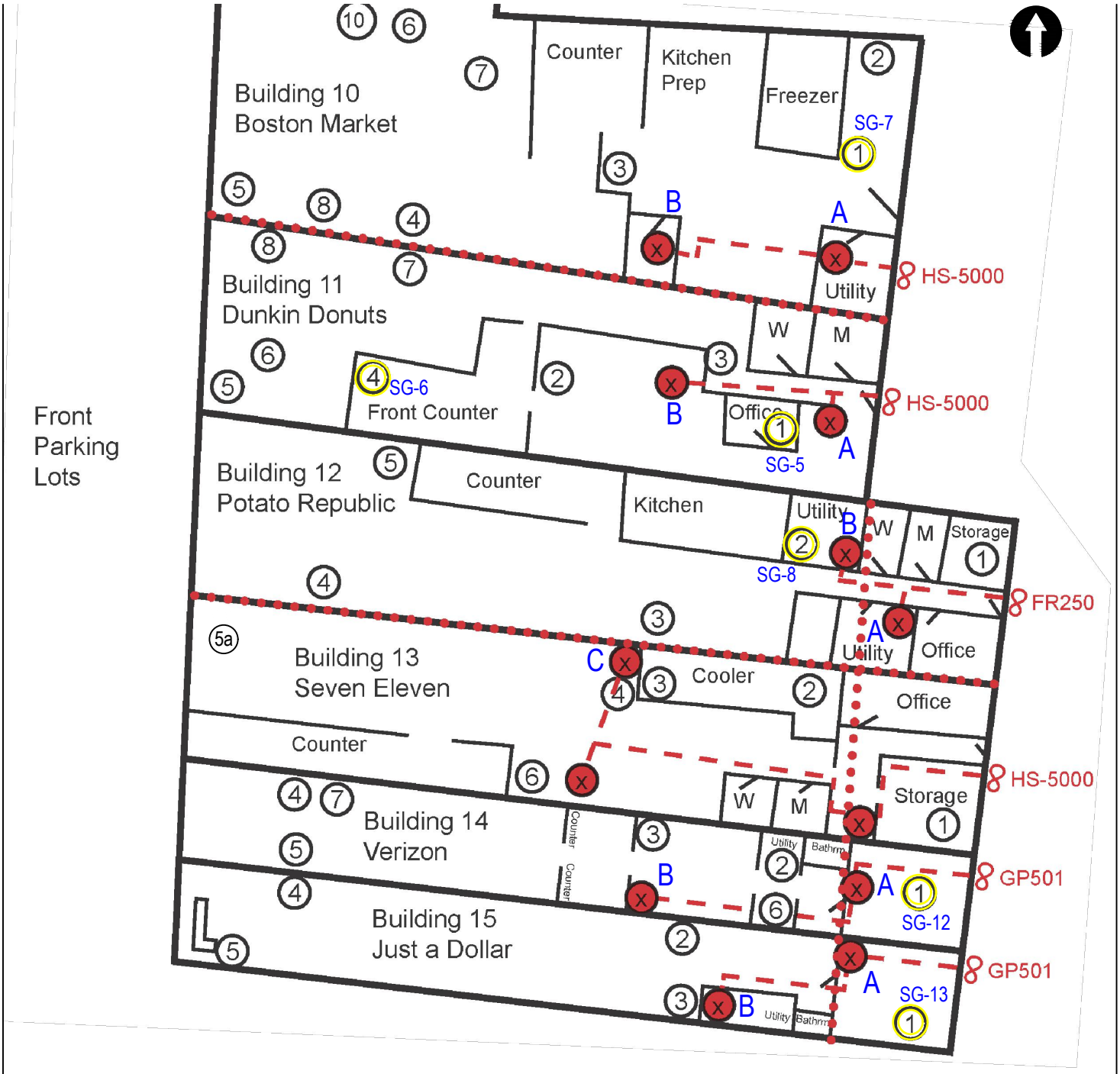
SITE COVER SYSTEM PLAN

DATE
8/16/2022

PROJECT NO.
40217

FIGURE
3

©2022 AKRF, Inc Q:\Office Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\PRR\2017\CAD\40217 Fig 3 Site System Cover.dwg last save: mvelleux 8/16/2022 9:40 AM



LEGEND

- B — SUCTION POINT
- 6 — COMMUNICATION TEST POINT
- SG-12 1 — COMMUNICATION TEST POINT/SOIL GAS POINT
- PROBABLE FOOTING LOCATED BETWEEN SLABS
- SSDS PIPE ROUTE
- EXTERIOR FAN/FAN MODEL #

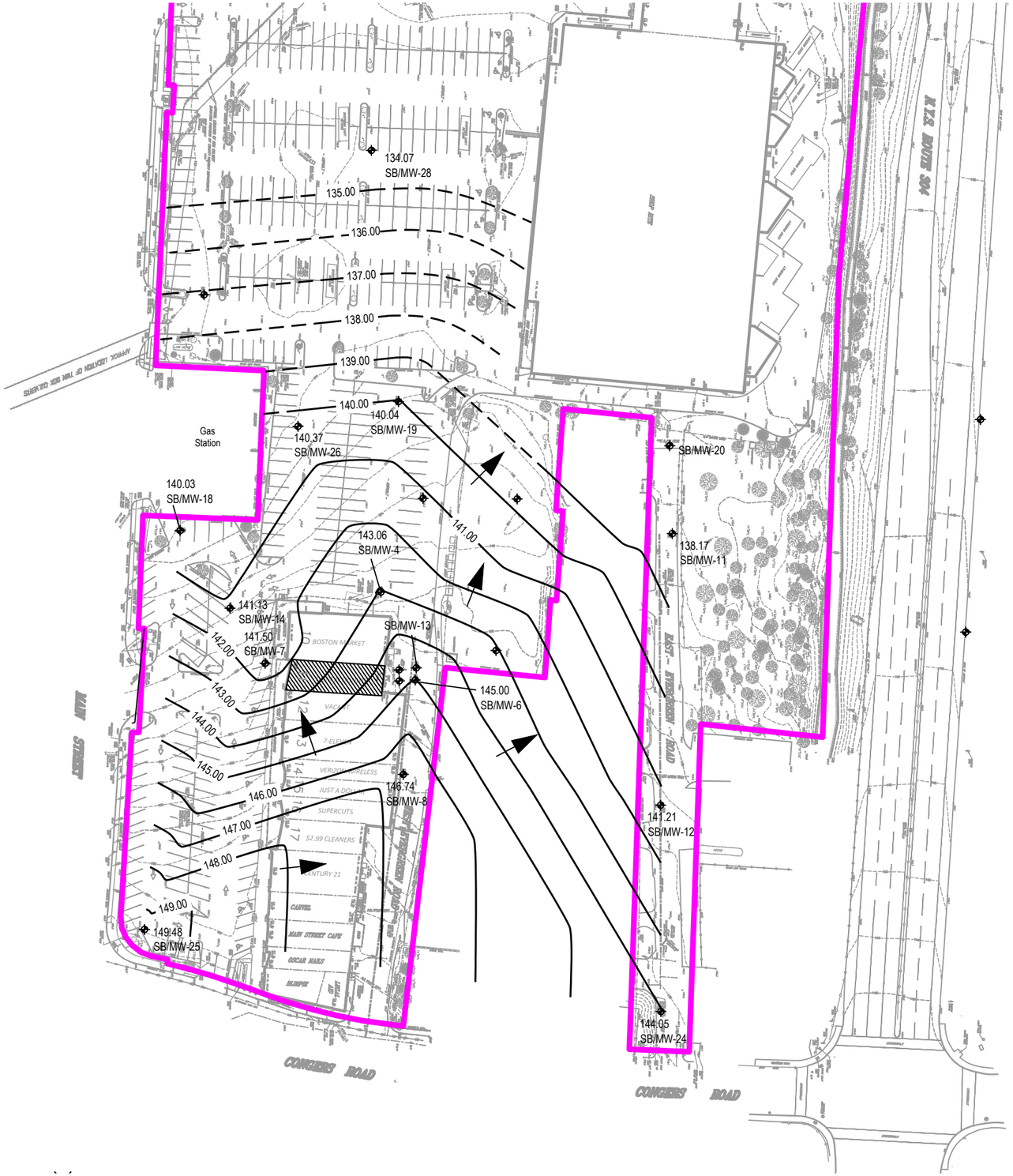
AKRF
440 Park Avenue South, New York, NY 10016

NEW CITY PLAZA
New City, New York

SSDS SYSTEM LAYOUT AND MONITORING POINTS

DATE **8/16/2022**
PROJECT NO. **40217**
FIGURE **4**

©2022 AKRF, Inc Q:\Office Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\PRR\2017\CAD\40217 Fig 4 SSDS Monitoring Points.dwg last save: mveilleux 8/16/2022 9:41 AM



LEGEND

- 143.06 SB/MW-4 — SOIL BORING/MONITORING WELL WATER TABLE ELEVATION IN FEET
- 141.00 — ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- ANTICIPATED GROUNDWATER FLOW DIRECTION
- PROPERTY BOUNDARY
- FORMER ROBBIE J CLEANERS
- 10 — TENANT SPACE WITHIN NEW CITY PLAZA

TENANT SPACE	ADDRESS	CURRENT TENANT
10	32 North Main St.	Boston Market
11	30 North Main St.	Dunkin Donuts
12	28 North Main St.	Sakura Japan
13	26 North Main St.	7-Eleven
14	24 North Main St.	Verizon Wireless
15	22 North Main St.	Dollar Store

Notes
1. Elevations are relative to Assumed Site Datum

0' 50' 100' 200'
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

NEW CITY PLAZA
New City, New York

GROUNDWATER ELEVATION CONTOUR MAP

DATE
8/16/2022

PROJECT NO.
40217

FIGURE
5

©2022 AKRF, Inc Q:\Office Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\PRR\2022\CAD\40217 Fig 5 Groundwater Elevation Contours.dwg last save: mveilleux 8/16/2022 10:39 AM

MW-4	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Mar-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**82**	**26**	**57**	**60**	**68**	**66**	**59**	**28**	**56**	**44**	**37**	**44**	**52**	**52**	**59**	**61**	**63**	**61**	**55**	**50**	**49**	**57**	**50**	**47**	**49**
TCE	**5.3**	13	**5.7**	**5.2**	**6.2**	**6.4**	**8.5**	1	4	4.9	3.4	3.5	4.1	4.5	4.9	4.0	**6.1**	4.8	4.3	**5.3**	4.5	5.3	**7.0**	4.4	4.4
cis-1,2 DCE	**7**	**26**	**8.4**	**6.5**	**7.4**	**8.6**	**11**	0.85	**5.5**	**6.3**	ND	ND	**5.8**	**6.2**	**5.8**	**5.5**	**8.3**	**7.5**	**6.7**	**7.4**	**6.7**	**7.4**	4.5	**6.8**	**6.2**

Duplicate	Jun-17
PCE	**55**
TCE	4.7
cis-1,2 DCE	**6.4**

MW-27	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18
PCE	ND	ND	ND	ND	0.96	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2 DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Duplicate	Mar-14	Mar-18
PCE	ND	ND
TCE	ND	ND
cis-1,2 DCE	0.6	ND

MW-28	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Apr-20	Mar-21	Jun-22
PCE	**73**	**59**	**59**	**52**	**60**	**67**	**62**	**50**	**57**	**51**	**36**	**62**	**42**	**62**	**47**	**66**	**59**	**37**	**49**	**38**	**50**
TCE	**3.9**	**3.5**	3.2	**3.9**	**5.3**	**5.4**	4.1	**3.6**	**3.5**	**3.6**	2.7	4.1	2.8	4.2	3	3.8	4.9	3.4	4.0	3.6	3.1
cis-1,2 DCE	4.2	4.2	4.1	**6.3**	**7.7**	**7.2**	**5.3**	**6.2**	4.3	4.2	ND	ND	3.4	4.6	3.5	4	**5.6**	**5.6**	**5.2**	**5.7**	3

Duplicate	Mar-19
PCE	**43**
TCE	3.8
cis-1,2 DCE	**6.3**

MW-26	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	ND	ND	ND	ND	ND	ND	0.7	ND	1	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2 DCE	0.69	ND	0.62	0.91	0.65	0.69	1.2	1.3	0.8	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Duplicate	Mar-14	Sep-15
PCE	ND	ND
TCE	ND	ND
cis-1,2 DCE	0.6	1.2

MW-19	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Mar-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**230**	**190**	**230**	**210**	**170**	**350**	**250**	**200**	**180**	**190**	**260**	**330**	**96**	**140**	**310**	**130**	**100**	**240**	**100**	**210**	**170**	**150**	**99**	**68**
TCE	**23**	**21**	**21**	**20**	**23**	**44**	**32**	**21**	**24**	**28**	**35**	**44**	**9.7**	**16**	**32**	**16**	**12**	**35**	**24**	**28**	**29**	**30**	**20**	**26**
cis-1,2 DCE	**60**	**63**	**72**	**56**	**55**	ND	**100**	**61**	**69**	**87**	ND	ND	**27**	**43**	**100**	**44**	**37**	**130**	**68**	**89**	**93**	**99**	**65**	**76**

Duplicate	Dec-14	Sep-19
PCE	**210**	**110**
TCE	**20**	**25**
cis-1,2 DCE	**55**	**69**

MW-14	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Mar-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**59**	**59**	**52**	**49**	**43**	**32**	**32**	**27**	**30**	**31**	**44**	**36**	**22**	**30**	**18**	1.8	**41**	**11**	1.8	1.1	2.3	1.5	1.3	ND	**9.1**
TCE	3.7	3.7	3.4	3.2	3.1	3.1	**13**	**8.6**	**8.4**	**5.7**	3.9	3.1	**9**	**6.6**	**5.8**	1.7	**5.1**	2.9	1.9	1.1	0.98	4.3	2.1	ND	1.6
cis-1,2 DCE	4.1	**6**	**6**	4	3.7	5	0.6	4.5	3.4	3.5	ND	ND	3.6	4.8	3.9	0.68	5.0	1.7	1.5	2.5	1.1	4.9	1.0	ND	2.8

Duplicate	Jun-14	Mar-15	Jun-15	Jun-22
PCE	**58**	**43**	**28**	**10**
TCE	3.6	3.2	2.5	1.9
cis-1,2 DCE	**5.8**	3.8	4.6	2.9

Getty 7	Mar-14	Jun-14	Oct-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18
PCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73	ND	ND	ND	ND	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND
cis-1,2 DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-9	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19
PCE	**84**	**72**	**70**	**61**	**75**	**70**	**67**	**17**	2.1	**19**	**25**	**310**	**48**	**50**	**49**	**56**	**56**	**53**	**50**	**52**
TCE	**5.3**	**5.6**	4.9	4.9	**6**	**6.5**	**5.6**	0.96	ND	1.6	2.3	**41**	3.4	3.8	4.8	4.2	**5.7**	**5.3**	**5.1**	**6.2**
cis-1,2 DCE	**7.8**	**8.4**	**8.2**	**6.4**	**8.2**	**9.2**	**7.5**	0.94	ND	2.1	ND	ND	4.4	4.8	5.5	5	**6.9**	**7.1**	**7.1**	**7.7**

MW-20	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17
PCE	**110**	**94**	**92**	**87**	ND	**91**	**94**	**84**	**86**	**80**	**93**	**87**	**86**	**86**	**82**	**100**
TCE	**7.9**	**7.5**	**7.2**	**7.3**	ND	**9.4**	**8.8**	**7.7**	**7.6**	**7.9**	**8.8**	**8**	**7.4**	**8.2**	**8.6**	**7.4**
cis-1,2 DCE	**15**	**16**	**17**	**14**	ND	**18**	**18**	**15**	**15**	**15**	ND	ND	**13**	**14**	**14**	**13**

Duplicate	Mar-16
PCE	**85**
TCE	**7.1**
cis-1,2 DCE	**14**

MW-18	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	**66**	**46**	**58**	**57**	**57**	**60**	**56**	**56**	**53**	**54**	**56**	**53**	**61**	**51**	**67**	**57**	**55**	**53**	**42**	**43**	**51**
TCE	2.8	2	2.3	2.5	2.9	3	2.9	3	2.4	2.9	2.9	3.1	3	2.7	3.5	2.7	3.5	2.8	2.4	2.8	3.2
cis-1,2 DCE	2.2	2.2	2.6	2.3	2.6	2.9	2.8	2.6	2.5	2.4	ND	ND	2.6	2.2	2.6	2.3	3.1	2.7	2.2	2.8	2.5

Duplicate	Jun-16	Sep-16	Dec-16	Mar-20	Mar-21
PCE	**53**	**57**	**54**	**40**	**44**
TCE	2.9	3	3.2	2.2	2.5
cis-1,2 DCE	2.3	ND	ND	2.2	2.5

MW-23	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18
PCE	4.1	3.6	3.3	3.6	4.6	3.1	3.3	3.4	2.4	3	**29**	4.4	2.5	4.1	4.6	3
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND
cis-1,2 DCE	0.66	0.59	0.54	ND	ND	ND	ND	0.51	ND	ND	ND	0.62	ND	ND	0.55	0.5

MW-2R	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Apr-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**260**	2.9	**15**	**9.7**	**130**	**42**	**16**	**66**	**110**	**140**	**9.8**	**33**	**37**	**55**	**34**	**53**	**5.5**	**34**	**48**
TCE	**7.9**	ND	1.6	1.6	1.9	3.0	1.9	3.4	3.2	2.4	4.0	2.9	2.8	3.1	2.0	2.6	1.3	1.7	2.6
cis-1,2 DCE	**5.2**	ND	1.1	0.91	ND	ND	1.3	2.1	2.4	2.6	3.1	1.7	2.8	2.8	1.6	2.4	0.56	1.9	1.9

Duplicate	Sep-21
PCE	**34**
TCE	1.7
cis-1,2 DCE	1.7

MW-11	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Mar-20	Mar-21	Jun-22
PCE	**96**	**67**	**72**	**39**	**50**	**90**	**73**	**57**	**82**	**77**	**84**	**82**	**78**	**84**	**100**	**95**	**83**	**64**	**80**	**75**	**86**
TCE	**7.5**	**5.6**	**5.8**	3.4	4.9	**9.3**	**7.1**	**5.4**	**6.8**	**7.9**	8	**7.7**	**6.8**	**8.2**	**9.6**	**7.4**	**9.0**	**7.2**	**8.1**	**6.9**	**7.2**
cis-1,2 DCE	**14**	**12**	**14**	**6.9**	**9.3**	**17**	**13**	**12**	**14**	**14**	ND	ND	**13**	**14**	**15**	**12**	**15**	**16**	**15**	**13**	**11**

Duplicate	Mar-17
PCE	**74**
TCE	**6.7**
cis-1,2 DCE	**12**

MW-13	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	**130**	**73**	**58**	**93**	**100**	**67**	**110**	**97**	**84**	**64**	**77**	**55**	**85**	**75**	**110**	**93**	**91**	**81**	**35**	**47**	**68**
TCE	**6.6**	4.8	4.9	**6.4**	**7.3**	**6**	**7**	**5.9**	**5.1**	4.6	**5.5**	4.5	**5.1**	**5.1**	**6.8**	**5.1**	**6.1**	**5.2**	2.5	4.1	4.4
cis-1,2 DCE	**15**	**15**	**15**	**15**	**16**	**16**	**16**	**14**	**13**	**12**	ND	ND	**11**	**11**	**12**	**11**	**14**	**12**	**6.4**	**10**	**8.2**

Duplicate	Sep-17	Dec-17
PCE	**110**	**98**
TCE	**6.5**	**5.1**
cis-1,2 DCE	**12**	**11**

MW-12	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	**100**	**110**	**93**	**81**	**97**	**98**	**92**	**79**	**78**	**71**	**77**	**77**	**71**	**94**	**110**	**88**	**83**	**80**	**83**	**88**	**87**
TCE	**8.5**	**9.1**	**7.9**	**8.3**	**9.9**	**11**	**9.9**	**8.1**	**7.3**	**7.8**	**7.5**	**7.8**	**6.8**	**9.7**	**10**	**7.1**	**9.5**	**8.9**	**9.2**	**8.0**	**7.8**
cis-1,2 DCE	**17**	**20**	**19**	**18**	**19**	**21**	**19**	**17**	**15**	**14**	ND	ND	**12**	**17**	**15**	**12**	**16**	**18**	**16**	**15**	**12**

MW-24	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	**83**	**66**	**71**	**72**	**12**	**86**	**65**	**66**	**56**	**58**	**87**	**76**	**51**	**46**	**73**	**90**	**5.1**	**26**	**49**	**31**	**55**
TCE	**6.1**	**5.3**	**5.6**	**6.1**	0.64	**8.3**	**6.6**	**6.2**	**5.4**	**5.5**	**7.9**	**7.2**	4.3	4.7	**6.9**	**6.7**	ND	2.7	5	2.7	4.7
cis-1,2 DCE	**13**	**11**	**14**	**13**	0.87	**16**	**13**	**12**	**11**	**11**	ND	ND	**7.7**	**7.4**	**11**	**12**	ND	**5.6**	**10**	**5.2**	**8.1**

MW-22	Jun-07	Aug-08
PCE	**1,100**	**1,200**
TCE	**110**	**82**
cis-1,2 DCE	**260**	**190**

MW-7	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Apr-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**73**	**67**	**56**	**64**	**65**	**66**	**53**	**52**	**56**	**41**	**45**	**38**	**47**	**47**	**48**	**51**	**52**	**45**	**49**	**45**	**54**	**57**	**40**	**47**	**48**
TCE	4	3.7	3.6	4.3	4.7	4.5	3.7	3.4	3.3	3.1	3.3	2.8	3	3.5	3.6	3.1	4.3	3.8	4.2	5	4.4	5.3	4.7	4.9	5
cis-1,2 DCE	4.2	4.2	4.2	4.1	4.7	**5.2**	4.1	4.1	3.6	3.6	ND	ND	3.7	3.7	3.6	3.3	4.8	4.5	**5.2**	**5.9**	**5.3**	6.5	**6.6**	**7.2**	**7.5**

Duplicate	Sep-18	Sep-20
PCE	**45**	**54**
TCE	3.9	4
cis-1,2 DCE	4.7	6.5

MW-25	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Mar-19	Mar-20	Mar-21	Jun-22
PCE	**65**	**58**	**69**	**88**	**69**	**29**	**98**	**97**	**83**	**58**	**54**	**130**	**61**	**83**	**81**	**82**	**93**	**73**	**80**	**41**	**31**	**32**
TCE	5	4.6	**6.6**	**5.8**	2.3	**8.9**	**9.1**	**7.5**	4.3	5	**11**	**5.6**	4.5	7	**5.9**	**5.6**	**6.1**	**6.7**	**6.7**	**6.9**	**5.1**	**5.7**
cis-1,2 DCE	4.5	**5.4**	8	**7.4**	2.2	**8.9**	**9.7**	**7.9**	**5.1**	**5.3**	ND	ND	4.2	**6.3**	**4.7**	**4.6**	**5.2**	**6.8**	**12.0**	**9.5**	**11**

Duplicate	Sep-14
PCE	**83**
TCE	**6.5**
cis-1,2 DCE	**7.4**

MW-8	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Sep-18	Mar-19	Sep-19	Apr-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	53	**60**	**56**	40	**42**	**62**	**57**	53	**29**	**12**	**32**	**47**	ND	**42**	**60**	**44**	**26**	**60**	**57**	**51**	**52**	**58**	**21**	**55**	**40**
TCE	3.8	4.3	4.3	3.3	3.6	**5.6**	4.9	4.2	2.4	1.3	3.1	2.1	ND	4.3	**5.4**	3.7	3.3	**5.7**	**5.1**	**5.4**	4.2	5	2.4	4.4	3.3
cis-1,2 DCE	**5.3**	**7.3**	**7.6**	4.9	ND	ND	**7.7**	**6.8**	4	2.2	ND	ND	ND	**5.8**	**6.8**	**5.2**	**5.3**	**8.8**	**8.3**	**8.2**	**6.3**	**7.5**	4	**6.9**	4.5

MW-29	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Mar-17	Jun-17	Sep-17	Dec-17
PCE	0.81	0.65	1.1	ND	ND	ND	0.54	0.94	ND	ND	ND	ND	ND	0.67	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2 DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-6	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Nov-15	Mar-16	Jul-16	Sep-16	Dec-16	Mar-17	Jun-17	Mar-18	Sep-18	Mar-19	Sep-19	Mar-20	Sep-20	Mar-21	Sep-21	Jun-22
PCE	**71**	**62**	**54**	**60**	**26**	**71**	**70**	**21**	**41**	**49**	**45**	**80**	4.9	**30**	**13**	**49**	**24**	**50**	**33**	**37**	**10**	**38**	**42**
TCE	4.6	4.7	3.8	4.2	1.5	**6**	**5.4**	ND	2.5	3.9	3.7	5.3	ND	2.8	0.7	4.2	2.2	5	3.1	2.9	0.58	2.9	3.3
cis-1,2 DCE	**6.5**	**8**	**6.5**	**6**	0.5	**8.7**	**7.9**	ND	3.6	**5.6**	ND	ND	0.62	4.8	1.3	**6.0**	4.9	**7.3**	4.9	4.3	0.52	4.4	4.1

SB/MW-27
SW-1
Background
SED/SW-2
OF-1 (Outfall)
SED/SW-3
SED/SW-4
SED/SW-102
SED/SW-103
SB/MW-28
SB/MW-19
SB/MW-26
SB/MW-20
SB/MW-21
SB/MW-23
SB/MW-22
SB/MW-10
SB/MW-9
SB/MW-18
SB/MW-11
SB/MW-16
SB/MW-4
SB/MW-14
SB/MW-7
SB/MW-13
SB/MW-1
SB/MW-6
SB/MW-12
SB/MW-8
SB/MW-24
SB/MW-25
SB/MW-29
SB-15
SB-16
SB-22
MW-2R
SG-1
SG-2
SG-3
SG-4
SG-5/IA-5
SG-6/IA-6
SG-7/IA-7
SG-8/IA-8
SG-9/IA-9
SG-10/IA-10
SG-11/IA-11
SG-12/IA-12
SG-13/IA-13
SG-14/IA-14
SG-17/IA-17
SG-20/IA-20
IA-16
IA-18
IA-24
MW-17
Getty Well 7
Gas Station
19 East Evergreen
17 East Evergreen
7 East Evergreen
5 East Evergreen

GROUNDWATER

Summary includes plume-related compounds of concern.
Concentrations greater than Class GA Standards are in Bold Font

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

Sample ID number

MW-10	Jun-07	Aug-08
PCE	0.8	0.6
TCE	0.3	0.1
cis-1,2 DCE	0.2	0.1

Sample Date

Compound in Groundwater

Concentration in water (µg/L) - micrograms per Liter = parts per billion (ppb)

TENANT SPACE	ADDRESS	CURRENT TENANT
10	32 North Main St.	Boston Market
11	30 North Main St.	Dunkin Donuts
12	28 North Main St.	Sakura Japan
13	26 North Main St.	7-Eleven
14	24 North Main St.	Verizon Wireless
15	22 North Main St.	Dollar Store

LEGEND

- PROPERTY BOUNDARY
- SG/IA-14 — SOIL GAS/INDOOR OR CRAWL SPACE SAMPLING LOCATION
- SB/MW-7 — SOIL BORING/MONITORING WELL LOCATION
- SG-9 — SOIL GAS LOCATION
- SB-15 — SOIL BORING LOCATION
- FORMER ROBBIE J CLEANERS
- 10 — TENANT SPACE WITHIN NEW CITY PLAZA
- ND — NOT DETECTED

0 30 60 120
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

NEW CITY PLAZA
New City, New York

BASELINE AND POST-REMEDIATION GROUNDWATER QUALITY

DATE
8/16/2022

PROJECT NO.
40217

FIGURE
6

©2022 AKRF, Inc. O:\Proj Specific\White Plains\Westchester Data\AKRFData\40217 - New City Plaza\PRO\2022\CAD\40217 Fig 6 GW Quality.dwg last save: melissa 8/16/2022 12:58 PM

APPENDIX A

SITE COVER AND SSDS INSPECTION FORM

SYSTEM MONITORING INSPECTION FORM
NEW CITY PLAZA
2-88 NORTH MAIN STREET, NEW CITY, NEW YORK

Inspector Name: J SULLIVAN	**Date:** 6/24/22

BLOWER OPERATION		**Manometer Reading (Inches of Water)**	**Consistent with Baseline Data***
~~BOSTON MARKET~~ APPLEBEE'S	☒ YES ☐ NO	A= 16 B= COVERED	YES ☒ NO ☐
DUNKING DONUTS	☒ YES ☐ NO	A= 2.0 B=3.0	YES ☒ NO ☐
POTATO REPUBLIC	☒ YES ☐ NO	A= COVERED B=1.25	YES ☒ NO ☐
7-ELEVEN	☒ YES ☐ NO	A=2.5 B= 3 C=0.25	YES ☒ NO ☐
VERIZON	☒ YES ☐ NO	A=2.25 B=4.75	YES ☒ NO ☐
JUST A DOLLAR	☒ YES ☐ NO	A=3.75 B= COVERED	YES ☒ NO ☐

VACUUM POINT SCREENING		**Differential Pressure Reading (Inches of Water)**	**Consistent with Baseline Data***
Boston Market	SG-7	DESTROYED	YES ☒ NO ☐
Dunkin Donuts	SG-6	STUCK CLOSED	YES ☐ NO ☐
	SG-5	-0.134	YES ☒ NO ☐
Potato Republic	SG-8	-0.667	YES ☒ NO ☐
7-Eleven	SG-9 (covered)		
	SG-11 (covered)		
Verizon Wireless	SG-12	PAVED OVER	YES ☐ NO ☒
Just A Dollar	SG-13	-0.015	YES ☐ NO ☒

Comments:

* A variation from baseline data indicates loss of SSDS performance. If corrective measures are unable to be made, immediately inform emergency contacts below.

Emergency Contact Information		
Name	**Title**	**Contact Numbers**
Marc Godick	AKRF Project Director	914-922-2356
Bryan Zieroff	AKRF Project Manager	914-922-2382
Michael Miller	New City Plaza Maintenance	845-598-1227
Peter Levy	Newton Associates LLC	212-672-1500

NEW CITY PLAZA
SITE INSPECTION FORM
2-88 NORTH MAIN STREET, NEW CITY, NEW YORK

Inspector Name: J SULICH			**Date:** 6/24/22	
Reviewed By:			**Date:**	
Site Cap - Soil Cover	**Condition Observed**			**Comments**
	Good	**Maintenance Required [1/]**	**Contingency Action Required [2/]**	
Subsidence/Settling	✓			NONE VISIBLE
Erosion/ Soil Deposition	✓			NONE VISIBLE
Vegetative cover	✓			
Seeps	✓			NONE VISIBLE
Ponding	✓			NONE VISIBLE
Site Cap - Asphalt/Sidewalk Cover	**Condition Observed**			**Comments**
	Good	**Maintenance Required [1/]**	**Contingency Action Required [2/]**	
Surface Cracks	✓			MINOR SURFACE CRACKS
Depresssions	✓			NONE VISIBLE
Ponding	✓			NONE VISIBLE
Heaving	✓			NONE VISIBLE
Pot Holes	✓			MINOR - SOME ON ASPHALT
Asphalt Deterioration	✓			MINOR DETERIORATION ON OLDER ASPHALT
Site Cap - Building Cover	**Condition Observed**			**Comments**
	Good	**Maintenance Required [1/]**	**Contingency Action Required [2/]**	
Surface Cracks	✓			MINOR SURFACE CRACKS
Unusual Damage	✓			NONE VISIBLE
Sealed Penetrations	✓			GOOD SEALS

1/ - Contact Kamber to coordinate maintenance activities. Document completed maintenance activities on this form.

2/ - Immediately contact Kamber and AKRF Project Manager for contingency requirements. Notifiy NYSDEC within 24 hours and refer to Site Management Plan for contingency requirements.

Emergency Contact Information		
Name	**Title**	**Contact Numbers**
Marc Godick	AKRF Project Director	914-922-2356
Bryan Zieroff	AKRF Project Manager	914-922-2382
Michael Miller	New City Plaza Maintenance	845-598-1227
Peter Levy	Newton Associates LLC	212-672-1500

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND DATA USABILITY SUMMARY (DUSR) REPORTS

eurofins | Environment Testing America

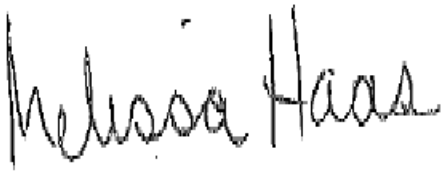
ANALYTICAL REPORT

Job Number: 460-244050-1

Job Description: New City; #40217

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Bryan Zieroff



Approved for release.
Melissa Haas
Senior Project Manager
10/7/2021 9:01 AM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
10/07/2021

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

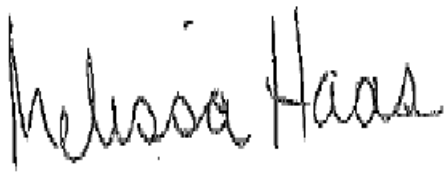
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-244050-1

Job Description: New City; #40217

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.



Approved for release.
Melissa Haas
Senior Project Manager
10/7/2021 9:01 AM

Melissa Haas

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Client: AKRF Inc

Project: New City; #40217

Report Number: 460-244050-1

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 09/30/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 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) - (LOW LEVEL - LL)(TOTAL)
Samples MW-2R_20210927 (460-244050-1), MW-X_20210927 (460-244050-2), MW-4_20210927 (460-244050-3), MW-6_20210929 (460-244050-4), MW-7_20210929 (460-244050-5), MW-8_20210929 (460-244050-6), MW-14_20210928 (460-244050-7), MW-19_20210928 (460-244050-8), FB_20210929 (460-244050-9) and TB_20210929 (460-244050-10) were analyzed for Volatile Organic Compounds (GC/MS) - (Low Level - LL)(Total) in accordance with EPA SW-846 Method 8260D - Low Level (LL). The samples were analyzed on 10/06/2021.

The continuing calibration verification (CCV) analyzed in batch 460-805281 was outside the method criteria for the following analyte(s): Bromomethane (biased high) and Chloromethane (biased low). 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.

The laboratory control sample (LCS) for analytical batch 460-805281 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Tetrachloroethene failed the recovery criteria low for the MS of sample MW-7_20210929MS (460-244050-5) in batch 460-805281.

Tetrachloroethene failed the recovery criteria low for the MSD of sample MW-7_20210929MSD (460-244050-5) in batch 460-805281.

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: 460-244050-1
Project/Site: New City; #40217

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-244050-1	MW-2R_20210927	Water	09/27/21 14:10	09/30/21 18:30
460-244050-2	MW-X_20210927	Water	09/27/21 00:00	09/30/21 18:30
460-244050-3	MW-4_20210927	Water	09/27/21 15:45	09/30/21 18:30
460-244050-4	MW-6_20210929	Water	09/29/21 12:55	09/30/21 18:30
460-244050-5	MW-7_20210929	Water	09/29/21 10:20	09/30/21 18:30
460-244050-6	MW-8_20210929	Water	09/29/21 15:25	09/30/21 18:30
460-244050-7	MW-14_20210928	Water	09/28/21 13:10	09/30/21 18:30
460-244050-8	MW-19_20210928	Water	09/28/21 10:40	09/30/21 18:30
460-244050-9	FB_20210929	Water	09/29/21 12:50	09/30/21 18:30
460-244050-10	TB_20210929	Water	09/29/21 00:00	09/30/21 18:30

Detection Summary

Client: AKRF Inc
Project/Site: New City; #40217

Job ID: 460-244050-1

Client Sample ID: MW-2R_20210927 — Lab Sample ID: 460-244050-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	34		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.7		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-X_20210927 — Lab Sample ID: 460-244050-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	34		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.7		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-4_20210927 — Lab Sample ID: 460-244050-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		0.50	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	1.1		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	47		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	4.4		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20210929 — Lab Sample ID: 460-244050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.4		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	38		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	2.9		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20210929 — Lab Sample ID: 460-244050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.2		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	47		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	4.9		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20210929 — Lab Sample ID: 460-244050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.9		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	55		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	4.4		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-14_20210928 — Lab Sample ID: 460-244050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		5.0	4.4	ug/L	1		8260D	Total/NA
Methyl Ethyl Ketone	2.5		2.5	1.9	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.67		0.50	0.24	ug/L	1		8260D	Total/NA

Client Sample ID: MW-19_20210928 — Lab Sample ID: 460-244050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	65		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	99		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	20		0.50	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	2.0		0.50	0.17	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-244050-1
Project/Site: New City; #40217

Client Sample ID: FB_20210929
Lab Sample ID: 460-244050-9

No Detections.

Client Sample ID: TB_20210929
Lab Sample ID: 460-244050-10

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-244050-1
Project/Site: New City; #40217

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: MW-2R_20210927
Lab Sample ID: 460-244050-1

Date Collected: 09/27/21 14:10
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 10:13	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 10:13	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 10:13	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 10:13	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 10:13	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 10:13	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 10:13	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 10:13	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 10:13	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 10:13	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 10:13	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 10:13	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 10:13	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 10:13	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 10:13	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 10:13	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 10:13	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 10:13	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 10:13	1
cis-1,2-Dichloroethene	**1.9**		0.50	0.22	ug/L			10/06/21 10:13	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:13	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 10:13	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 10:13	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 10:13	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 10:13	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 10:13	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 10:13	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 10:13	1
Tetrachloroethene	**34**		0.50	0.25	ug/L			10/06/21 10:13	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 10:13	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 10:13	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:13	1
Trichloroethene	**1.7**		0.50	0.31	ug/L			10/06/21 10:13	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 10:13	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 123*		*10/06/21 10:13*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/06/21 10:13*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 124*		*10/06/21 10:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/06/21 10:13*	*1*

Client Sample ID: MW-X_20210927
Lab Sample ID: 460-244050-2

Date Collected: 09/27/21 00:00
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 10:34	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 10:34	1

Client Sample ID: MW-X_20210927
Lab Sample ID: 460-244050-2

Date Collected: 09/27/21 00:00
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 10:34	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 10:34	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 10:34	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 10:34	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 10:34	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 10:34	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 10:34	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 10:34	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 10:34	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 10:34	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 10:34	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 10:34	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 10:34	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 10:34	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 10:34	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 10:34	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 10:34	1
cis-1,2-Dichloroethene	**1.7**		0.50	0.22	ug/L			10/06/21 10:34	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:34	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 10:34	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 10:34	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 10:34	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 10:34	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 10:34	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 10:34	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 10:34	1
Tetrachloroethene	**34**		0.50	0.25	ug/L			10/06/21 10:34	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 10:34	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 10:34	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:34	1
Trichloroethene	**1.7**		0.50	0.31	ug/L			10/06/21 10:34	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 10:34	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 10:34*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/06/21 10:34*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*10/06/21 10:34*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/06/21 10:34*	*1*

Client Sample ID: MW-4_20210927
Lab Sample ID: 460-244050-3

Date Collected: 09/27/21 15:45
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 10:55	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 10:55	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 10:55	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 10:55	1

Client Sample ID: MW-4_20210927
Lab Sample ID: 460-244050-3

Date Collected: 09/27/21 15:45
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 10:55	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 10:55	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 10:55	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 10:55	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 10:55	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 10:55	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 10:55	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 10:55	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 10:55	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 10:55	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 10:55	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 10:55	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 10:55	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 10:55	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 10:55	1
cis-1,2-Dichloroethene	**6.8**		0.50	0.22	ug/L			10/06/21 10:55	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:55	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 10:55	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 10:55	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 10:55	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 10:55	1
Methyl tert-butyl ether	**1.1**		0.50	0.22	ug/L			10/06/21 10:55	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 10:55	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 10:55	1
Tetrachloroethene	**47**		0.50	0.25	ug/L			10/06/21 10:55	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 10:55	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 10:55	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 10:55	1
Trichloroethene	**4.4**		0.50	0.31	ug/L			10/06/21 10:55	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 10:55	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 10:55*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*10/06/21 10:55*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*10/06/21 10:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/06/21 10:55*	*1*

Client Sample ID: MW-6_20210929
Lab Sample ID: 460-244050-4

Date Collected: 09/29/21 12:55
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 11:17	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 11:17	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 11:17	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 11:17	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 11:17	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 11:17	1

Client Sample ID: MW-6_20210929
Lab Sample ID: 460-244050-4

Date Collected: 09/29/21 12:55
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 11:17	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 11:17	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 11:17	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 11:17	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 11:17	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 11:17	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 11:17	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 11:17	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 11:17	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 11:17	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 11:17	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 11:17	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 11:17	1
cis-1,2-Dichloroethene	**4.4**		0.50	0.22	ug/L			10/06/21 11:17	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:17	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 11:17	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 11:17	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 11:17	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 11:17	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 11:17	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 11:17	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 11:17	1
Tetrachloroethene	**38**		0.50	0.25	ug/L			10/06/21 11:17	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 11:17	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 11:17	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:17	1
Trichloroethene	**2.9**		0.50	0.31	ug/L			10/06/21 11:17	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 11:17	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 11:17*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*10/06/21 11:17*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 124*		*10/06/21 11:17*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/06/21 11:17*	*1*

Client Sample ID: MW-7_20210929
Lab Sample ID: 460-244050-5

Date Collected: 09/29/21 10:20
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 09:52	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 09:52	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 09:52	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 09:52	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 09:52	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 09:52	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 09:52	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 09:52	1

Client Sample ID: MW-7_20210929
Lab Sample ID: 460-244050-5

Date Collected: 09/29/21 10:20
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 09:52	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 09:52	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 09:52	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 09:52	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 09:52	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 09:52	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 09:52	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 09:52	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 09:52	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 09:52	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 09:52	1
cis-1,2-Dichloroethene	**7.2**		0.50	0.22	ug/L			10/06/21 09:52	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:52	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 09:52	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 09:52	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 09:52	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 09:52	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 09:52	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 09:52	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 09:52	1
Tetrachloroethene	**47**		0.50	0.25	ug/L			10/06/21 09:52	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 09:52	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 09:52	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:52	1
Trichloroethene	**4.9**		0.50	0.31	ug/L			10/06/21 09:52	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 09:52	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 09:52*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*10/06/21 09:52*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*10/06/21 09:52*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/06/21 09:52*	*1*

Client Sample ID: MW-8_20210929
Lab Sample ID: 460-244050-6

Date Collected: 09/29/21 15:25
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 11:38	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 11:38	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 11:38	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 11:38	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 11:38	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 11:38	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 11:38	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 11:38	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 11:38	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 11:38	1

Client Sample ID: MW-8_20210929
Lab Sample ID: 460-244050-6

Date Collected: 09/29/21 15:25
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 11:38	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 11:38	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 11:38	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 11:38	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 11:38	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 11:38	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 11:38	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 11:38	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 11:38	1
cis-1,2-Dichloroethene	**6.9**		0.50	0.22	ug/L			10/06/21 11:38	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:38	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 11:38	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 11:38	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 11:38	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 11:38	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 11:38	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 11:38	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 11:38	1
Tetrachloroethene	**55**		0.50	0.25	ug/L			10/06/21 11:38	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 11:38	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 11:38	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:38	1
Trichloroethene	**4.4**		0.50	0.31	ug/L			10/06/21 11:38	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 11:38	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 11:38*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/06/21 11:38*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*10/06/21 11:38*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/06/21 11:38*	*1*

Client Sample ID: MW-14_20210928
Lab Sample ID: 460-244050-7

Date Collected: 09/28/21 13:10
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 11:59	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 11:59	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 11:59	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 11:59	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 11:59	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 11:59	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 11:59	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 11:59	1
Acetone	**11**		5.0	4.4	ug/L			10/06/21 11:59	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 11:59	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 11:59	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 11:59	1

Client Sample ID: MW-14_20210928
Lab Sample ID: 460-244050-7

Date Collected: 09/28/21 13:10
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 11:59	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 11:59	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 11:59	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 11:59	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 11:59	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 11:59	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 11:59	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			10/06/21 11:59	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:59	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 11:59	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 11:59	1
Methyl Ethyl Ketone	**2.5**		2.5	1.9	ug/L			10/06/21 11:59	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 11:59	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 11:59	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 11:59	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 11:59	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			10/06/21 11:59	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 11:59	1
trans-1,2-Dichloroethene	**0.67**		0.50	0.24	ug/L			10/06/21 11:59	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 11:59	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			10/06/21 11:59	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 11:59	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 11:59*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/06/21 11:59*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 124*		*10/06/21 11:59*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/06/21 11:59*	*1*

Client Sample ID: MW-19_20210928
Lab Sample ID: 460-244050-8

Date Collected: 09/28/21 10:40
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 12:20	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 12:20	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 12:20	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 12:20	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 12:20	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 12:20	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 12:20	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 12:20	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 12:20	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 12:20	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 12:20	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 12:20	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 12:20	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 12:20	1

Client Sample ID: MW-19_20210928
Lab Sample ID: 460-244050-8

Date Collected: 09/28/21 10:40
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 12:20	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 12:20	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 12:20	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 12:20	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 12:20	1
cis-1,2-Dichloroethene	**65**		0.50	0.22	ug/L			10/06/21 12:20	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 12:20	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 12:20	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 12:20	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 12:20	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 12:20	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 12:20	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 12:20	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 12:20	1
Tetrachloroethene	**99**		0.50	0.25	ug/L			10/06/21 12:20	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 12:20	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 12:20	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 12:20	1
Trichloroethene	**20**		0.50	0.31	ug/L			10/06/21 12:20	1
Vinyl chloride	**2.0**		0.50	0.17	ug/L			10/06/21 12:20	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 12:20*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*10/06/21 12:20*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*10/06/21 12:20*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/06/21 12:20*	*1*

Client Sample ID: FB_20210929
Lab Sample ID: 460-244050-9

Date Collected: 09/29/21 12:50
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 09:10	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 09:10	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 09:10	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 09:10	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 09:10	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 09:10	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 09:10	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 09:10	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 09:10	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 09:10	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 09:10	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 09:10	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 09:10	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 09:10	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 09:10	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 09:10	1

Client Sample ID: FB_20210929
Lab Sample ID: 460-244050-9

Date Collected: 09/29/21 12:50
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 09:10	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 09:10	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 09:10	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			10/06/21 09:10	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:10	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 09:10	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 09:10	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 09:10	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 09:10	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 09:10	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 09:10	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 09:10	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			10/06/21 09:10	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 09:10	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 09:10	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:10	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			10/06/21 09:10	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 09:10	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 123*		*10/06/21 09:10*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*10/06/21 09:10*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*10/06/21 09:10*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/06/21 09:10*	*1*

Client Sample ID: TB_20210929
Lab Sample ID: 460-244050-10

Date Collected: 09/29/21 00:00
Matrix: Water
Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			10/06/21 09:31	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 09:31	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 09:31	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 09:31	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 09:31	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 09:31	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 09:31	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 09:31	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 09:31	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 09:31	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 09:31	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 09:31	1
Bromomethane	0.50	U *	0.50	0.55	ug/L			10/06/21 09:31	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 09:31	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 09:31	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 09:31	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 09:31	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 09:31	1

Client Sample ID: TB_20210929
Lab Sample ID: 460-244050-10

Date Collected: 09/29/21 00:00
Matrix: Water

Date Received: 09/30/21 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 09:31	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			10/06/21 09:31	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:31	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 09:31	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 09:31	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 09:31	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 09:31	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 09:31	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 09:31	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 09:31	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			10/06/21 09:31	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 09:31	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 09:31	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 09:31	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			10/06/21 09:31	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 09:31	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 123*		*10/06/21 09:31*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/06/21 09:31*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*10/06/21 09:31*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/06/21 09:31*	*1*

Surrogate Summary

Client: AKRF Inc
Job ID: 460-244050-1
Project/Site: New City; #40217

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	(75-123)	(76-120)	(77-124)	(80-120)
460-244050-1	MW-2R_20210927	89	103	98	93
460-244050-2	MW-X_20210927	90	103	100	92
460-244050-3	MW-4_20210927	90	104	100	94
460-244050-4	MW-6_20210929	90	104	98	94
460-244050-5	MW-7_20210929	90	104	100	94
460-244050-5 MS	MW-7_20210929	91	105	99	93
460-244050-5 MSD	MW-7_20210929	92	104	100	94
460-244050-6	MW-8_20210929	90	103	99	93
460-244050-7	MW-14_20210928	90	103	101	92
460-244050-8	MW-19_20210928	90	105	99	93
460-244050-9	FB_20210929	88	105	99	95
460-244050-10	TB_20210929	90	103	99	94
LCS 460-805281/4	Lab Control Sample	91	105	99	94
MB 460-805281/8	Method Blank	88	105	99	94

Surrogate Legend

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

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

Lab Sample ID: MB 460-805281/8
Matrix: Water
Analysis Batch: 805281

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	0.50	U	0.50	0.24	ug/L			10/06/21 08:49	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			10/06/21 08:49	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			10/06/21 08:49	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			10/06/21 08:49	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			10/06/21 08:49	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			10/06/21 08:49	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			10/06/21 08:49	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			10/06/21 08:49	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/21 08:49	1
Benzene	0.50	U	0.50	0.20	ug/L			10/06/21 08:49	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			10/06/21 08:49	1
Bromoform	0.50	U	0.50	0.54	ug/L			10/06/21 08:49	1
Bromomethane	0.50	U	0.50	0.55	ug/L			10/06/21 08:49	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			10/06/21 08:49	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			10/06/21 08:49	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			10/06/21 08:49	1
Chloroethane	0.50	U	0.50	0.32	ug/L			10/06/21 08:49	1
Chloroform	0.50	U	0.50	0.33	ug/L			10/06/21 08:49	1
Chloromethane	0.50	U	0.50	0.40	ug/L			10/06/21 08:49	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			10/06/21 08:49	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 08:49	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			10/06/21 08:49	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			10/06/21 08:49	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			10/06/21 08:49	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			10/06/21 08:49	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			10/06/21 08:49	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			10/06/21 08:49	1
Styrene	0.50	U	0.50	0.42	ug/L			10/06/21 08:49	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			10/06/21 08:49	1
Toluene	0.50	U	0.50	0.38	ug/L			10/06/21 08:49	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			10/06/21 08:49	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			10/06/21 08:49	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			10/06/21 08:49	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			10/06/21 08:49	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			10/06/21 08:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 123*		*10/06/21 08:49*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*10/06/21 08:49*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 124*		*10/06/21 08:49*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/06/21 08:49*	*1*

Lab Sample ID: LCS 460-805281/4
Matrix: Water
Analysis Batch: 805281

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	18.2		ug/L		91	68 - 128		

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

Lab Sample ID: LCS 460-805281/4
Matrix: Water
Analysis Batch: 805281

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	63 - 139
1,1,2-Trichloroethane	20.0	18.8		ug/L		94	74 - 125
1,1-Dichloroethane	20.0	17.6		ug/L		88	73 - 130
1,1-Dichloroethene	20.0	19.3		ug/L		97	68 - 133
1,2-Dichloroethane	20.0	16.6		ug/L		83	75 - 121
1,2-Dichloropropane	20.0	17.6		ug/L		88	76 - 126
2-Hexanone	100	97.9		ug/L		98	74 - 127
Acetone	100	81.8		ug/L		82	61 - 134
Benzene	20.0	18.0		ug/L		90	78 - 126
Bromodichloromethane	20.0	18.6		ug/L		93	72 - 121
Bromoform	20.0	21.5		ug/L		108	38 - 144
Bromomethane	20.0	32.0	*	ug/L		160	43 - 150
Carbon disulfide	20.0	19.0		ug/L		95	64 - 138
Carbon tetrachloride	20.0	18.6		ug/L		93	56 - 131
Chlorobenzene	20.0	18.8		ug/L		94	80 - 119
Chloroethane	20.0	24.2		ug/L		121	50 - 150
Chloroform	20.0	18.3		ug/L		92	78 - 125
Chloromethane	20.0	14.8		ug/L		74	38 - 150
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	17.9		ug/L		90	74 - 125
Dibromochloromethane	20.0	20.1		ug/L		100	58 - 130
Ethylbenzene	20.0	19.1		ug/L		96	78 - 120
Methyl Ethyl Ketone	100	98.6		ug/L		99	69 - 128
methyl isobutyl ketone	100	97.6		ug/L		98	69 - 128
Methyl tert-butyl ether	20.0	19.0		ug/L		95	65 - 131
Methylene Chloride	20.0	17.8		ug/L		89	74 - 127
Styrene	20.0	19.2		ug/L		96	75 - 127
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127
Toluene	20.0	18.2		ug/L		91	78 - 119
trans-1,2-Dichloroethene	20.0	19.9		ug/L		99	74 - 126
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	66 - 127
Trichloroethene	20.0	18.6		ug/L		93	71 - 121
Vinyl chloride	20.0	17.1		ug/L		85	61 - 144
Xylenes, Total	40.0	38.2		ug/L		95	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 123*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 460-244050-5 MS
Matrix: Water
Analysis Batch: 805281

Client Sample ID: MW-7_20210929
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.50	U	20.0	17.8		ug/L		89	68 - 128
1,1,2,2-Tetrachloroethane	0.50	U	20.0	19.7		ug/L		98	63 - 139

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

Lab Sample ID: 460-244050-5 MS
Matrix: Water
Analysis Batch: 805281

Client Sample ID: MW-7_20210929
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.50	U	20.0	19.4		ug/L		97	74 - 125
1,1-Dichloroethane	0.50	U	20.0	17.9		ug/L		90	73 - 130
1,1-Dichloroethene	0.50	U	20.0	18.9		ug/L		94	68 - 133
1,2-Dichloroethane	0.50	U	20.0	17.0		ug/L		85	75 - 121
1,2-Dichloropropane	0.50	U	20.0	18.4		ug/L		92	76 - 126
2-Hexanone	2.5	U	100	98.3		ug/L		98	74 - 127
Acetone	5.0	U	100	76.8		ug/L		77	61 - 134
Benzene	0.50	U	20.0	18.0		ug/L		90	78 - 126
Bromodichloromethane	0.50	U	20.0	18.7		ug/L		94	72 - 121
Bromoform	0.50	U	20.0	21.5		ug/L		108	38 - 144
Bromomethane	0.50	U *	20.0	26.7		ug/L		134	43 - 150
Carbon disulfide	0.50	U	20.0	19.0		ug/L		95	64 - 138
Carbon tetrachloride	0.50	U	20.0	17.8		ug/L		89	56 - 131
Chlorobenzene	0.50	U	20.0	18.9		ug/L		94	80 - 119
Chloroethane	0.50	U	20.0	21.3		ug/L		107	50 - 150
Chloroform	0.50	U	20.0	18.5		ug/L		92	78 - 125
Chloromethane	0.50	U	20.0	14.6		ug/L		73	38 - 150
cis-1,2-Dichloroethene	7.2		20.0	26.3		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.50	U	20.0	17.5		ug/L		88	74 - 125
Dibromochloromethane	0.50	U	20.0	20.0		ug/L		100	58 - 130
Ethylbenzene	0.50	U	20.0	18.9		ug/L		94	78 - 120
Methyl Ethyl Ketone	2.5	U	100	97.0		ug/L		97	69 - 128
methyl isobutyl ketone	2.5	U	100	97.4		ug/L		97	69 - 128
Methyl tert-butyl ether	0.50	U	20.0	19.1		ug/L		96	65 - 131
Methylene Chloride	0.50	U	20.0	17.7		ug/L		88	74 - 127
Styrene	0.50	U	20.0	19.1		ug/L		95	75 - 127
Tetrachloroethene	47		20.0	59.5	*	ug/L		64	70 - 127
Toluene	0.50	U	20.0	18.2		ug/L		91	78 - 119
trans-1,2-Dichloroethene	0.50	U	20.0	19.8		ug/L		99	74 - 126
trans-1,3-Dichloropropene	0.50	U	20.0	17.8		ug/L		89	66 - 127
Trichloroethene	4.9		20.0	22.1		ug/L		86	71 - 121
Vinyl chloride	0.50	U	20.0	16.8		ug/L		84	61 - 144
Xylenes, Total	1.0	U	40.0	38.4		ug/L		96	78 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 123*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 460-244050-5 MSD
Matrix: Water
Analysis Batch: 805281

Client Sample ID: MW-7_20210929
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.50	U	20.0	17.7		ug/L		89	68 - 128	1	30
1,1,2,2-Tetrachloroethane	0.50	U	20.0	19.5		ug/L		98	63 - 139	1	30
1,1,2-Trichloroethane	0.50	U	20.0	19.1		ug/L		95	74 - 125	2	30

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

Lab Sample ID: 460-244050-5 MSD
Client Sample ID: MW-7_20210929
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 805281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	0.50	U	20.0	17.7		ug/L		88	73 - 130	1	30
1,1-Dichloroethene	0.50	U	20.0	19.3		ug/L		96	68 - 133	2	30
1,2-Dichloroethane	0.50	U	20.0	16.7		ug/L		84	75 - 121	2	30
1,2-Dichloropropane	0.50	U	20.0	18.3		ug/L		91	76 - 126	1	30
2-Hexanone	2.5	U	100	98.9		ug/L		99	74 - 127	1	30
Acetone	5.0	U	100	77.3		ug/L		77	61 - 134	1	30
Benzene	0.50	U	20.0	18.3		ug/L		92	78 - 126	2	30
Bromodichloromethane	0.50	U	20.0	18.8		ug/L		94	72 - 121	0	30
Bromoform	0.50	U	20.0	21.9		ug/L		109	38 - 144	1	30
Bromomethane	0.50	U *	20.0	28.1		ug/L		140	43 - 150	5	30
Carbon disulfide	0.50	U	20.0	19.0		ug/L		95	64 - 138	0	30
Carbon tetrachloride	0.50	U	20.0	18.2		ug/L		91	56 - 131	2	30
Chlorobenzene	0.50	U	20.0	19.0		ug/L		95	80 - 119	0	30
Chloroethane	0.50	U	20.0	21.2		ug/L		106	50 - 150	0	30
Chloroform	0.50	U	20.0	18.5		ug/L		92	78 - 125	0	30
Chloromethane	0.50	U	20.0	14.9		ug/L		75	38 - 150	2	30
cis-1,2-Dichloroethene	7.2		20.0	26.2		ug/L		95	78 - 121	0	30
cis-1,3-Dichloropropene	0.50	U	20.0	17.9		ug/L		90	74 - 125	2	30
Dibromochloromethane	0.50	U	20.0	20.2		ug/L		101	58 - 130	1	30
Ethylbenzene	0.50	U	20.0	19.1		ug/L		95	78 - 120	1	30
Methyl Ethyl Ketone	2.5	U	100	97.1		ug/L		97	69 - 128	0	30
methyl isobutyl ketone	2.5	U	100	97.8		ug/L		98	69 - 128	0	30
Methyl tert-butyl ether	0.50	U	20.0	19.2		ug/L		96	65 - 131	0	30
Methylene Chloride	0.50	U	20.0	17.9		ug/L		89	74 - 127	1	30
Styrene	0.50	U	20.0	19.3		ug/L		97	75 - 127	1	30
Tetrachloroethene	47		20.0	60.3	*	ug/L		68	70 - 127	1	30
Toluene	0.50	U	20.0	18.1		ug/L		91	78 - 119	0	30
trans-1,2-Dichloroethene	0.50	U	20.0	19.8		ug/L		99	74 - 126	0	30
trans-1,3-Dichloropropene	0.50	U	20.0	18.1		ug/L		90	66 - 127	1	30
Trichloroethene	4.9		20.0	21.7		ug/L		84	71 - 121	2	30
Vinyl chloride	0.50	U	20.0	16.4		ug/L		82	61 - 144	2	30
Xylenes, Total	1.0	U	40.0	38.2		ug/L		96	78 - 122	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 123*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
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: 460-244050-1
Project/Site: New City; #40217

GC/MS VOA

Analysis Batch: 805281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-244050-1	MW-2R_20210927	Total/NA	Water	8260D	
460-244050-2	MW-X_20210927	Total/NA	Water	8260D	
460-244050-3	MW-4_20210927	Total/NA	Water	8260D	
460-244050-4	MW-6_20210929	Total/NA	Water	8260D	
460-244050-5	MW-7_20210929	Total/NA	Water	8260D	
460-244050-6	MW-8_20210929	Total/NA	Water	8260D	
460-244050-7	MW-14_20210928	Total/NA	Water	8260D	
460-244050-8	MW-19_20210928	Total/NA	Water	8260D	
460-244050-9	FB_20210929	Total/NA	Water	8260D	
460-244050-10	TB_20210929	Total/NA	Water	8260D	
MB 460-805281/8	Method Blank	Total/NA	Water	8260D	
LCS 460-805281/4	Lab Control Sample	Total/NA	Water	8260D	
460-244050-5 MS	MW-7_20210929	Total/NA	Water	8260D	
460-244050-5 MSD	MW-7_20210929	Total/NA	Water	8260D	

Client Sample ID: MW-2R_20210927
Lab Sample ID: 460-244050-1
Date Collected: 09/27/21 14:10
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 10:13	SZD	TAL EDI

Client Sample ID: MW-X_20210927
Lab Sample ID: 460-244050-2
Date Collected: 09/27/21 00:00
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 10:34	SZD	TAL EDI

Client Sample ID: MW-4_20210927
Lab Sample ID: 460-244050-3
Date Collected: 09/27/21 15:45
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 10:55	SZD	TAL EDI

Client Sample ID: MW-6_20210929
Lab Sample ID: 460-244050-4
Date Collected: 09/29/21 12:55
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 11:17	SZD	TAL EDI

Client Sample ID: MW-7_20210929
Lab Sample ID: 460-244050-5
Date Collected: 09/29/21 10:20
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 09:52	SZD	TAL EDI

Client Sample ID: MW-8_20210929
Lab Sample ID: 460-244050-6
Date Collected: 09/29/21 15:25
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 11:38	SZD	TAL EDI

Client Sample ID: MW-14_20210928
Lab Sample ID: 460-244050-7
Date Collected: 09/28/21 13:10
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 11:59	SZD	TAL EDI

Lab Chronicle

Client: AKRF Inc
Job ID: 460-244050-1
Project/Site: New City; #40217

Client Sample ID: MW-19_20210928
Lab Sample ID: 460-244050-8
Date Collected: 09/28/21 10:40
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 12:20	SZD	TAL EDI

Client Sample ID: FB_20210929
Lab Sample ID: 460-244050-9
Date Collected: 09/29/21 12:50
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 09:10	SZD	TAL EDI

Client Sample ID: TB_20210929
Lab Sample ID: 460-244050-10
Date Collected: 09/29/21 00:00
Matrix: Water
Date Received: 09/30/21 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	805281	10/06/21 09:31	SZD	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-244050-1
Project/Site: New City; #40217

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

8260D_LL

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

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 #
MW-2R_20210927	460-244050-1	98	89	93	103
MW-X_20210927	460-244050-2	100	90	92	103
MW-4_20210927	460-244050-3	100	90	94	104
MW-6_20210929	460-244050-4	98	90	94	104
MW-7_20210929	460-244050-5	100	90	94	104
MW-8_20210929	460-244050-6	99	90	93	103
MW-14_20210928	460-244050-7	101	90	92	103
MW-19_20210928	460-244050-8	99	90	93	105
FB_20210929	460-244050-9	99	88	95	105
TB_20210929	460-244050-10	99	90	94	103
	MB 460-805281/8	99	88	94	105
	LCS 460-805281/4	99	91	94	105
MW-7_20210929 MS	460-244050-5 MS	99	91	93	105
MW-7_20210929 MSD	460-244050-5 MSD	100	92	94	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T56440.D

Lab ID: LCS 460-805281/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.2	91	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	63-139	
1,1,2-Trichloroethane	20.0	18.8	94	74-125	
1,1-Dichloroethane	20.0	17.6	88	73-130	
1,1-Dichloroethene	20.0	19.3	97	68-133	
1,2-Dichloroethane	20.0	16.6	83	75-121	
1,2-Dichloropropane	20.0	17.6	88	76-126	
2-Hexanone	100	97.9	98	74-127	
Acetone	100	81.8	82	61-134	
Benzene	20.0	18.0	90	78-126	
Bromodichloromethane	20.0	18.6	93	72-121	
Bromoform	20.0	21.5	108	38-144	
Bromomethane	20.0	32.0	160	43-150	*
Carbon disulfide	20.0	19.0	95	64-138	
Carbon tetrachloride	20.0	18.6	93	56-131	
Chlorobenzene	20.0	18.8	94	80-119	
Chloroethane	20.0	24.2	121	50-150	
Chloroform	20.0	18.3	92	78-125	
Chloromethane	20.0	14.8	74	38-150	
cis-1,2-Dichloroethene	20.0	19.8	99	78-121	
cis-1,3-Dichloropropene	20.0	17.9	90	74-125	
Dibromochloromethane	20.0	20.1	100	58-130	
Ethylbenzene	20.0	19.1	96	78-120	
Methyl Ethyl Ketone	100	98.6	99	69-128	
methyl isobutyl ketone	100	97.6	98	69-128	
Methyl tert-butyl ether	20.0	19.0	95	65-131	
Methylene Chloride	20.0	17.8	89	74-127	
Styrene	20.0	19.2	96	75-127	
Tetrachloroethene	20.0	21.0	105	70-127	
Toluene	20.0	18.2	91	78-119	
trans-1,2-Dichloroethene	20.0	19.9	99	74-126	
trans-1,3-Dichloropropene	20.0	18.4	92	66-127	
Trichloroethene	20.0	18.6	93	71-121	
Vinyl chloride	20.0	17.1	85	61-144	
Xylenes, Total	40.0	38.2	95	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T56461.D

Lab ID: 460-244050-5 MS Client ID: MW-7_20210929 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	0.50 U	17.8	89	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.50 U	19.7	98	63-139	
1,1,2-Trichloroethane	20.0	0.50 U	19.4	97	74-125	
1,1-Dichloroethane	20.0	0.50 U	17.9	90	73-130	
1,1-Dichloroethene	20.0	0.50 U	18.9	94	68-133	
1,2-Dichloroethane	20.0	0.50 U	17.0	85	75-121	
1,2-Dichloropropane	20.0	0.50 U	18.4	92	76-126	
2-Hexanone	100	2.5 U	98.3	98	74-127	
Acetone	100	5.0 U	76.8	77	61-134	
Benzene	20.0	0.50 U	18.0	90	78-126	
Bromodichloromethane	20.0	0.50 U	18.7	94	72-121	
Bromoform	20.0	0.50 U	21.5	108	38-144	
Bromomethane	20.0	0.50 U	26.7	134	43-150	
Carbon disulfide	20.0	0.50 U	19.0	95	64-138	
Carbon tetrachloride	20.0	0.50 U	17.8	89	56-131	
Chlorobenzene	20.0	0.50 U	18.9	94	80-119	
Chloroethane	20.0	0.50 U	21.3	107	50-150	
Chloroform	20.0	0.50 U	18.5	92	78-125	
Chloromethane	20.0	0.50 U	14.6	73	38-150	
cis-1,2-Dichloroethene	20.0	7.2	26.3	96	78-121	
cis-1,3-Dichloropropene	20.0	0.50 U	17.5	88	74-125	
Dibromochloromethane	20.0	0.50 U	20.0	100	58-130	
Ethylbenzene	20.0	0.50 U	18.9	94	78-120	
Methyl Ethyl Ketone	100	2.5 U	97.0	97	69-128	
methyl isobutyl ketone	100	2.5 U	97.4	97	69-128	
Methyl tert-butyl ether	20.0	0.50 U	19.1	96	65-131	
Methylene Chloride	20.0	0.50 U	17.7	88	74-127	
Styrene	20.0	0.50 U	19.1	95	75-127	
Tetrachloroethene	20.0	47	59.5	64	70-127	*
Toluene	20.0	0.50 U	18.2	91	78-119	
trans-1,2-Dichloroethene	20.0	0.50 U	19.8	99	74-126	
trans-1,3-Dichloropropene	20.0	0.50 U	17.8	89	66-127	
Trichloroethene	20.0	4.9	22.1	86	71-121	
Vinyl chloride	20.0	0.50 U	16.8	84	61-144	
Xylenes, Total	40.0	1.0 U	38.4	96	78-122	

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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T56462.D

Lab ID: 460-244050-5 MSD Client ID: MW-7_20210929 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	17.7	89	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.5	98	1	30	63-139	
1,1,2-Trichloroethane	20.0	19.1	95	2	30	74-125	
1,1-Dichloroethane	20.0	17.7	88	1	30	73-130	
1,1-Dichloroethene	20.0	19.3	96	2	30	68-133	
1,2-Dichloroethane	20.0	16.7	84	2	30	75-121	
1,2-Dichloropropane	20.0	18.3	91	1	30	76-126	
2-Hexanone	100	98.9	99	1	30	74-127	
Acetone	100	77.3	77	1	30	61-134	
Benzene	20.0	18.3	92	2	30	78-126	
Bromodichloromethane	20.0	18.8	94	0	30	72-121	
Bromoform	20.0	21.9	109	1	30	38-144	
Bromomethane	20.0	28.1	140	5	30	43-150	
Carbon disulfide	20.0	19.0	95	0	30	64-138	
Carbon tetrachloride	20.0	18.2	91	2	30	56-131	
Chlorobenzene	20.0	19.0	95	0	30	80-119	
Chloroethane	20.0	21.2	106	0	30	50-150	
Chloroform	20.0	18.5	92	0	30	78-125	
Chloromethane	20.0	14.9	75	2	30	38-150	
cis-1,2-Dichloroethene	20.0	26.2	95	0	30	78-121	
cis-1,3-Dichloropropene	20.0	17.9	90	2	30	74-125	
Dibromochloromethane	20.0	20.2	101	1	30	58-130	
Ethylbenzene	20.0	19.1	95	1	30	78-120	
Methyl Ethyl Ketone	100	97.1	97	0	30	69-128	
methyl isobutyl ketone	100	97.8	98	0	30	69-128	
Methyl tert-butyl ether	20.0	19.2	96	0	30	65-131	
Methylene Chloride	20.0	17.9	89	1	30	74-127	
Styrene	20.0	19.3	97	1	30	75-127	
Tetrachloroethene	20.0	60.3	68	1	30	70-127	*
Toluene	20.0	18.1	91	0	30	78-119	
trans-1,2-Dichloroethene	20.0	19.8	99	0	30	74-126	
trans-1,3-Dichloropropene	20.0	18.1	90	1	30	66-127	
Trichloroethene	20.0	21.7	84	2	30	71-121	
Vinyl chloride	20.0	16.4	82	2	30	61-144	
Xylenes, Total	40.0	38.2	96	0	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab File ID: T56444.D Lab Sample ID: MB 460-805281/8

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

Instrument ID: CVOAMS15 Date Analyzed: 10/06/2021 08:49

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 460-805281/4	T56440.D	10/06/2021 07:24
FB_20210929	460-244050-9	T56445.D	10/06/2021 09:10
TB_20210929	460-244050-10	T56446.D	10/06/2021 09:31
MW-7_20210929	460-244050-5	T56447.D	10/06/2021 09:52
MW-2R_20210927	460-244050-1	T56448.D	10/06/2021 10:13
MW-X_20210927	460-244050-2	T56449.D	10/06/2021 10:34
MW-4_20210927	460-244050-3	T56450.D	10/06/2021 10:55
MW-6_20210929	460-244050-4	T56451.D	10/06/2021 11:17
MW-8_20210929	460-244050-6	T56452.D	10/06/2021 11:38
MW-14_20210928	460-244050-7	T56453.D	10/06/2021 11:59
MW-19_20210928	460-244050-8	T56454.D	10/06/2021 12:20
MW-7_20210929 MS	460-244050-5 MS	T56461.D	10/06/2021 14:53
MW-7_20210929 MSD	460-244050-5 MSD	T56462.D	10/06/2021 15:14

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab File ID: T53992.D BFB Injection Date: 08/11/2021

Instrument ID: CVOAMS15 BFB Injection Time: 03:16

Analysis Batch No.: 795604

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	155.9
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.4
174	50 - 200% of m/z 95	64.1
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	96.2
177	5 - 10% of m/z 176	7.1

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 460-795604/3	T53994.D	08/11/2021	4:12
	STD05 460-795604/4	T53995.D	08/11/2021	4:33
	STD1 460-795604/5	T53996.D	08/11/2021	4:54
	STD5 460-795604/6	T53997.D	08/11/2021	5:15
	STD20 460-795604/7	T53998.D	08/11/2021	5:36
	STD50 460-795604/8	T53999.D	08/11/2021	5:57
	STD200 460-795604/9	T54000.D	08/11/2021	6:18
	STD500 460-795604/10	T54001.D	08/11/2021	6:40
	ICV 460-795604/15	T54006.D	08/11/2021	8:25

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Sample No.: STD20 460-795604/7 Date Analyzed: 08/11/2021 05:36

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

Lab File ID (Standard): T53998.D Heated Purge: (Y/N) N

Calibration ID: 86916

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		56741	1.52	434077	2.22	623014	3.12
UPPER LIMIT		113482	2.02	868154	2.72	1246028	3.62
LOWER LIMIT		28371	1.02	217039	1.72	311507	2.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-795604/15		56186	1.52	442857	2.22	615931	3.12

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Sample No.: STD20 460-795604/7 Date Analyzed: 08/11/2021 05:36

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

Lab File ID (Standard): T53998.D Heated Purge: (Y/N) N

Calibration ID: 86916

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		41771	3.77	419003	6.52	185484	10.13
UPPER LIMIT		83542	4.27	838006	7.02	370968	10.63
LOWER LIMIT		20886	3.27	209502	6.02	92742	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-795604/15		42002	3.77	420049	6.52	191463	10.13

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Sample No.: CCVIS 460-805281/3 Date Analyzed: 10/06/2021 07:03

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

Lab File ID (Standard): T56439.D Heated Purge: (Y/N) N

Calibration ID: 86916

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		47481	1.52	340551	2.22	508464	3.12
UPPER LIMIT		94962	2.02	681102	2.72	1016928	3.62
LOWER LIMIT		23741	1.02	170276	1.72	254232	2.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-805281/4		45397	1.52	327360	2.22	494315	3.12
MB 460-805281/8		45681	1.52	322969	2.22	491166	3.12
460-244050-9	FB_20210929	42593	1.52	316804	2.22	488383	3.12
460-244050-10	TB_20210929	43660	1.52	316218	2.22	482184	3.12
460-244050-5	MW-7_20210929	40951	1.52	307269	2.22	477340	3.12
460-244050-1	MW-2R_20210927	41980	1.52	313712	2.22	475894	3.12
460-244050-2	MW-X_20210927	42586	1.52	317661	2.22	477786	3.12
460-244050-3	MW-4_20210927	41158	1.52	307158	2.22	471789	3.12
460-244050-4	MW-6_20210929	43521	1.52	317978	2.22	474761	3.12
460-244050-6	MW-8_20210929	42318	1.52	323494	2.22	475109	3.12
460-244050-7	MW-14_20210928	40623	1.52	299129	2.22	464491	3.12
460-244050-8	MW-19_20210928	43600	1.52	327217	2.22	463950	3.12
460-244050-5 MS	MW-7_20210929 MS	45847	1.52	330040	2.22	456220	3.12
460-244050-5 MSD	MW-7_20210929 MSD	45793	1.52	331358	2.22	454723	3.12

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Sample No.: CCVIS 460-805281/3 Date Analyzed: 10/06/2021 07:03

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

Lab File ID (Standard): T56439.D Heated Purge: (Y/N) N

Calibration ID: 86916

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36174	3.76	363030	6.52	173169	10.12
UPPER LIMIT		72348	4.26	726060	7.02	346338	10.62
LOWER LIMIT		18087	3.26	181515	6.02	86585	9.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-805281/4		38278	3.76	359924	6.52	169410	10.12
MB 460-805281/8		31858	3.76	356417	6.52	169503	10.12
460-244050-9	FB_20210929	33982	3.76	350080	6.52	163839	10.12
460-244050-10	TB_20210929	35754	3.76	347726	6.52	159981	10.12
460-244050-5	MW-7_20210929	35194	3.76	345480	6.52	161977	10.12
460-244050-1	MW-2R_20210927	36323	3.76	345820	6.52	162259	10.12
460-244050-2	MW-X_20210927	32279	3.76	350150	6.52	163841	10.12
460-244050-3	MW-4_20210927	34192	3.76	340047	6.52	159700	10.12
460-244050-4	MW-6_20210929	33836	3.76	341761	6.52	160527	10.12
460-244050-6	MW-8_20210929	35289	3.76	344162	6.52	160625	10.12
460-244050-7	MW-14_20210928	33587	3.76	341343	6.52	160215	10.12
460-244050-8	MW-19_20210928	36224	3.76	338320	6.52	161382	10.12
460-244050-5 MS	MW-7_20210929 MS	35557	3.76	333007	6.52	156443	10.12
460-244050-5 MSD	MW-7_20210929 MSD	36446	3.76	332169	6.52	154565	10.12

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-2R_20210927 Lab Sample ID: 460-244050-1

Matrix: Water Lab File ID: T56448.D

Analysis Method: 8260D Date Collected: 09/27/2021 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	34		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-2R_20210927 Lab Sample ID: 460-244050-1

Matrix: Water Lab File ID: T56448.D

Analysis Method: 8260D Date Collected: 09/27/2021 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D
Lims ID: 460-244050-A-1
Client ID: MW-2R_20210927
Sample Type: Client
Inject. Date: 06-Oct-2021 10:13:52 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-1
Misc. Info.: 460-0135560-012
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 11:51:33 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:50:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	93	41980	1000.0	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	68	313712	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	33	5840	1.87	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	121706	49.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	140019	44.3	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	475894	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	81	5498	1.71	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	36323	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	457674	46.7	
88 Tetrachloroethene	166	5.425	5.425	0.000	90	86469	33.8	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	345820	50.0	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	85	125557	51.4	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	95	162259	50.0	
S 136 1,2-Dichloroethene, Total	100				0		1.87	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 11:51:41 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D

Injection Date: 06-Oct-2021 10:13:52 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-1 Lab Sample ID: 460-244050-1

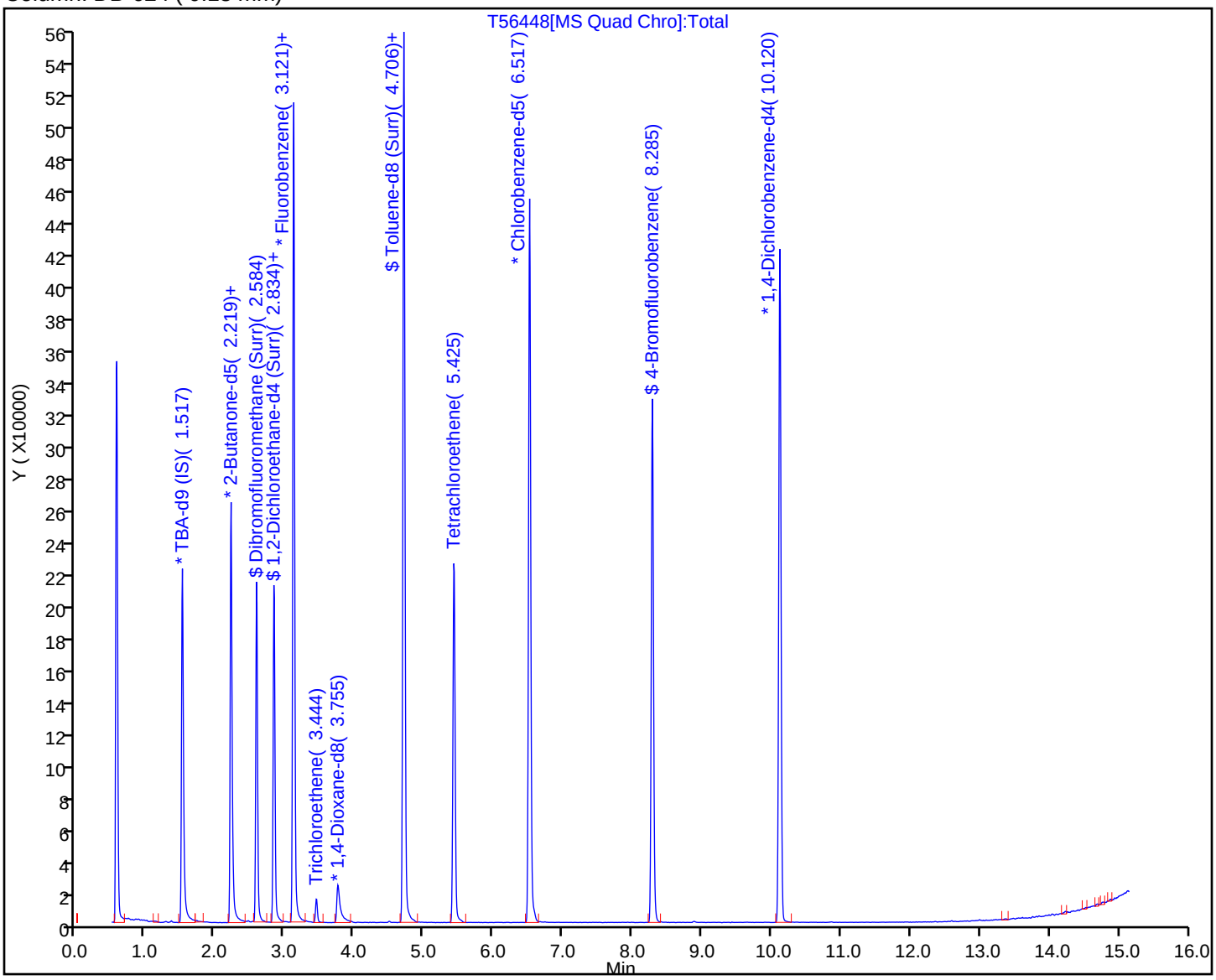
Client ID: MW-2R_20210927

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

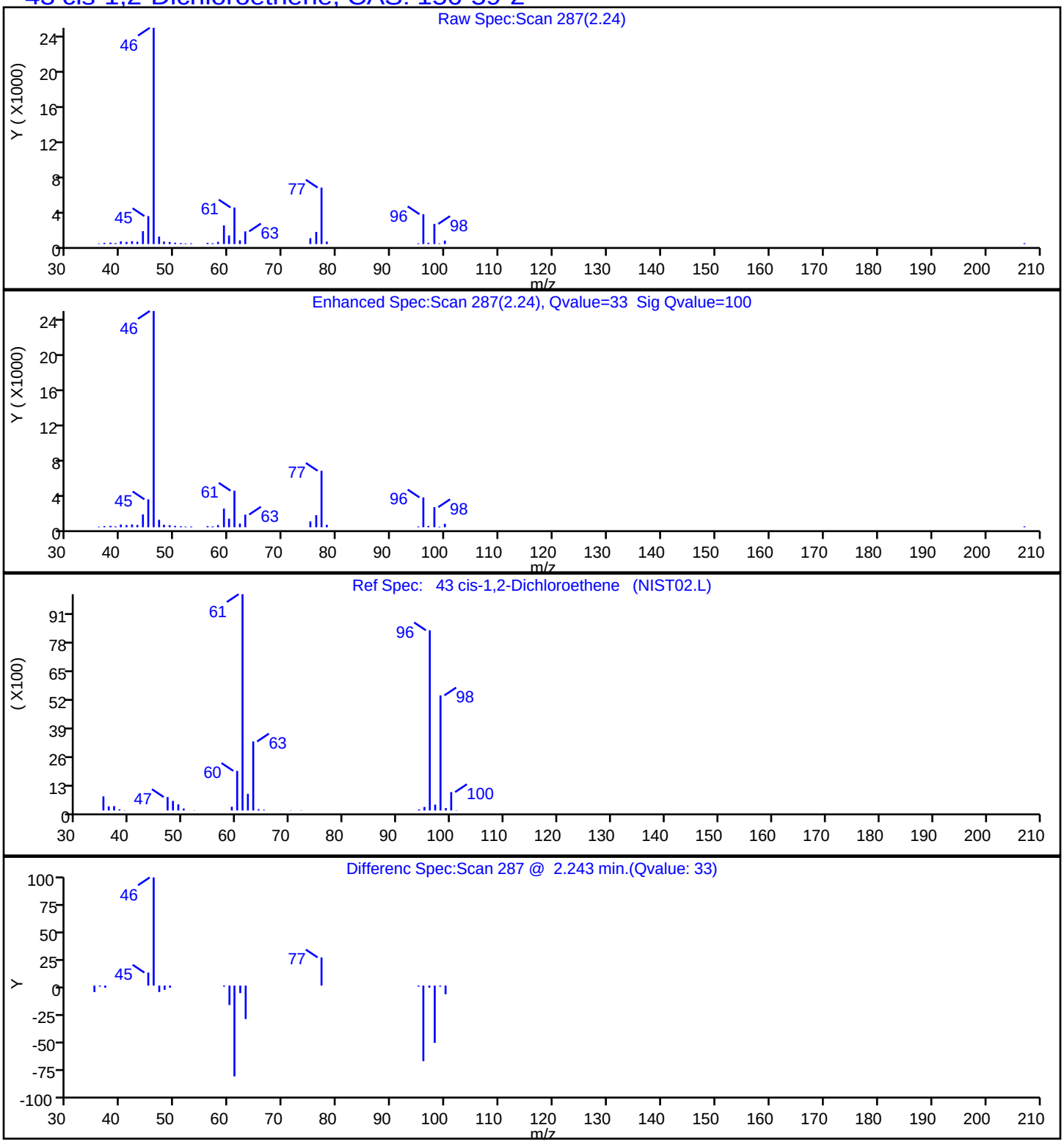
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D		
Injection Date:	06-Oct-2021 10:13:52	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-1	Lab Sample ID:	460-244050-1
Client ID:	MW-2R_20210927		
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

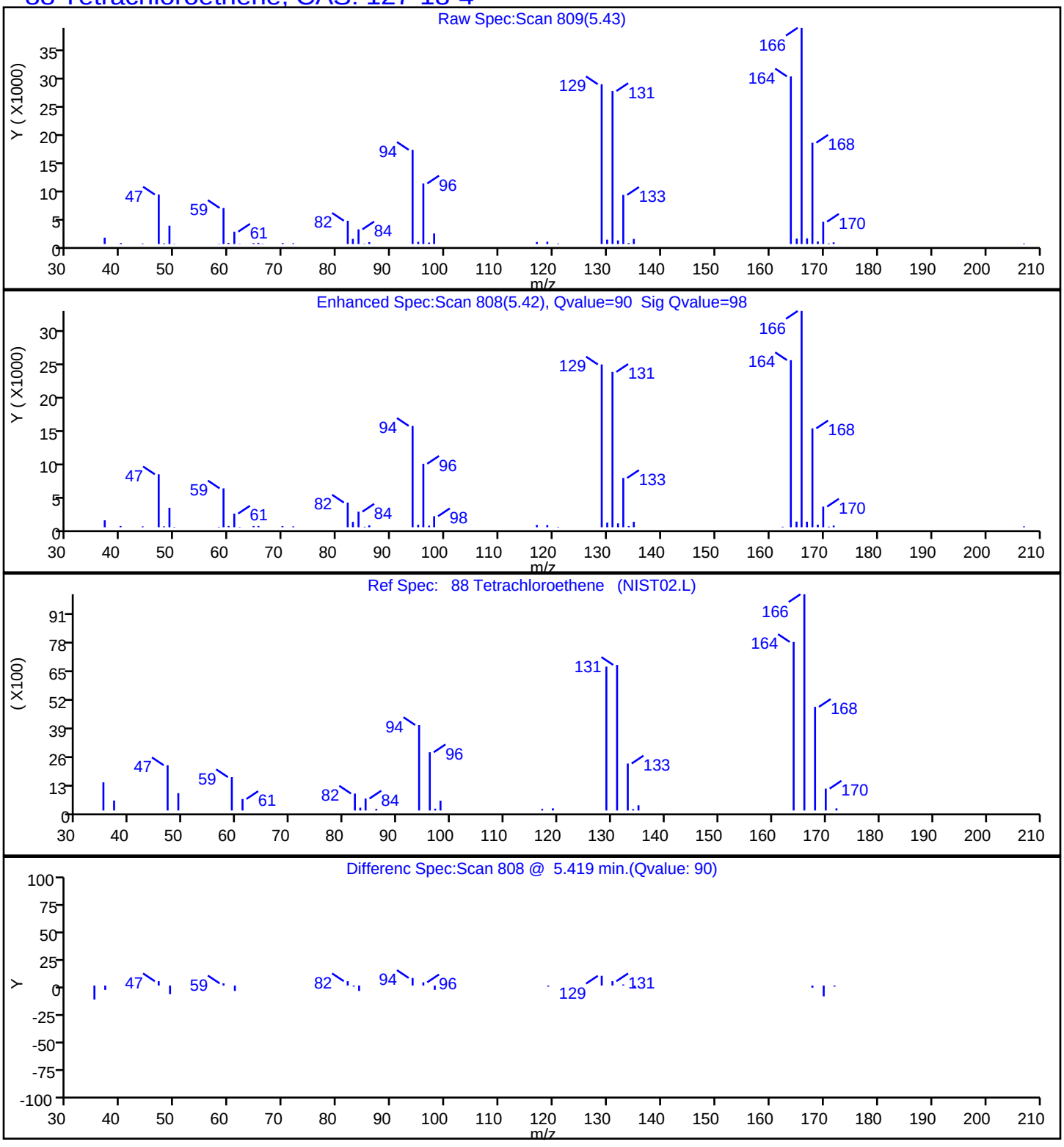
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D		
Injection Date:	06-Oct-2021 10:13:52	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-1	Lab Sample ID:	460-244050-1
Client ID:	MW-2R_20210927		
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

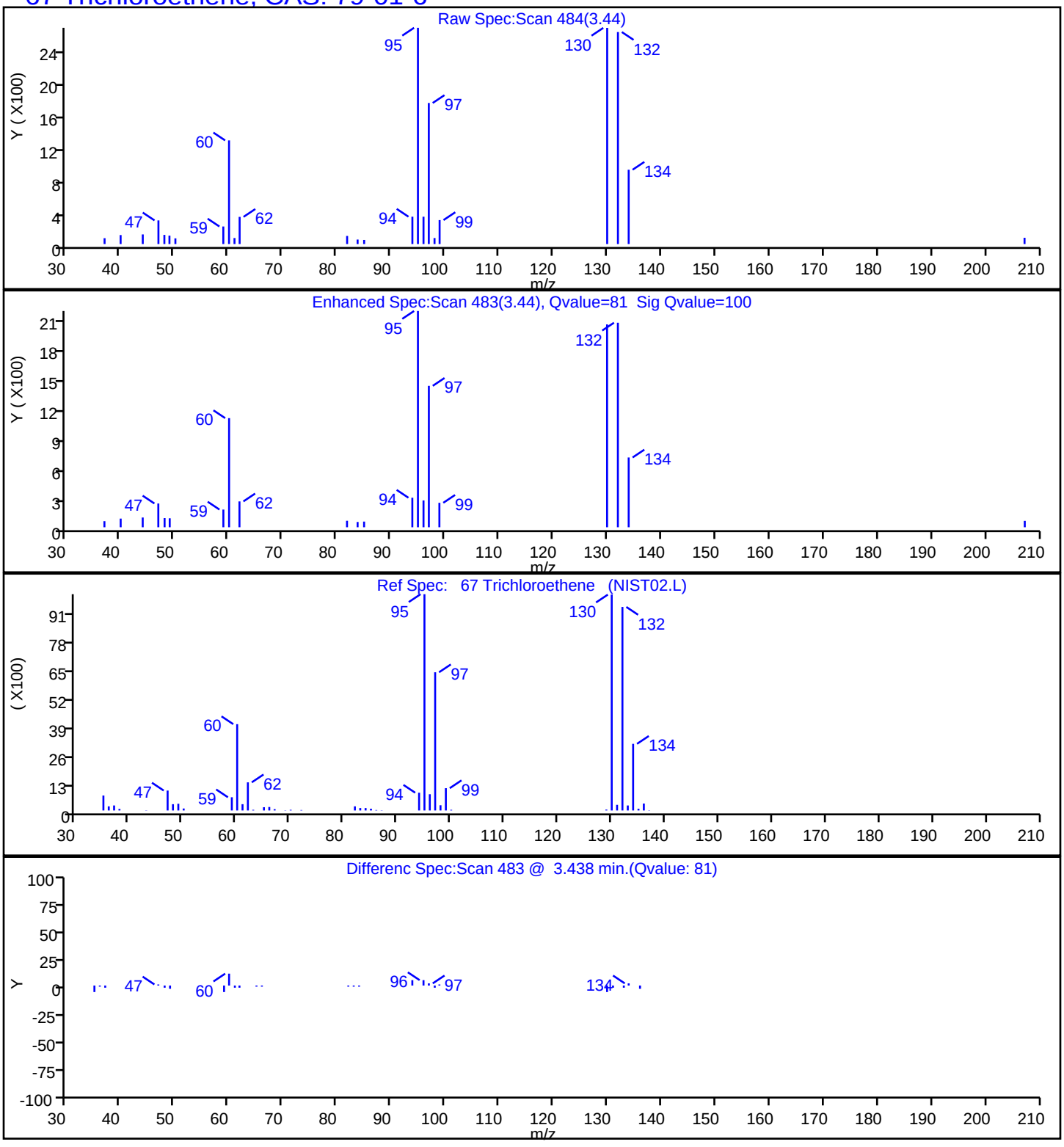
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D		
Injection Date:	06-Oct-2021 10:13:52	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-1	Lab Sample ID:	460-244050-1
Client ID:	MW-2R_20210927		
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



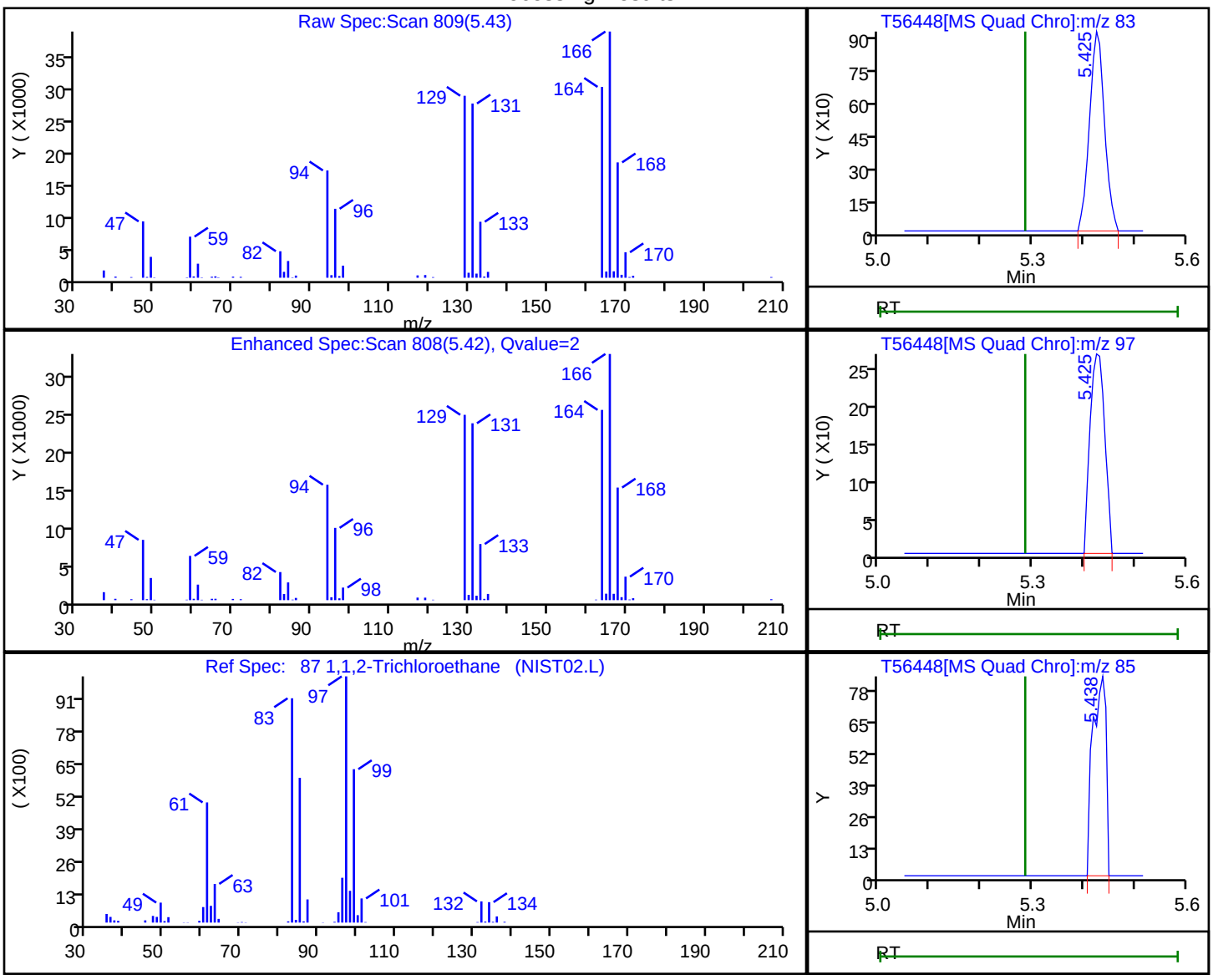
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D				
Injection Date:	06-Oct-2021 10:13:52	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-1	Lab Sample ID:	460-244050-1		
Client ID:	MW-2R_20210927				
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		

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

Processing Results



RT	Mass	Response	Amount
5.43	83.00	1904	0.840316
5.43	97.00	526	
5.44	85.00	152	

Reviewer: desais, 06-Oct-2021 11:50:09

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

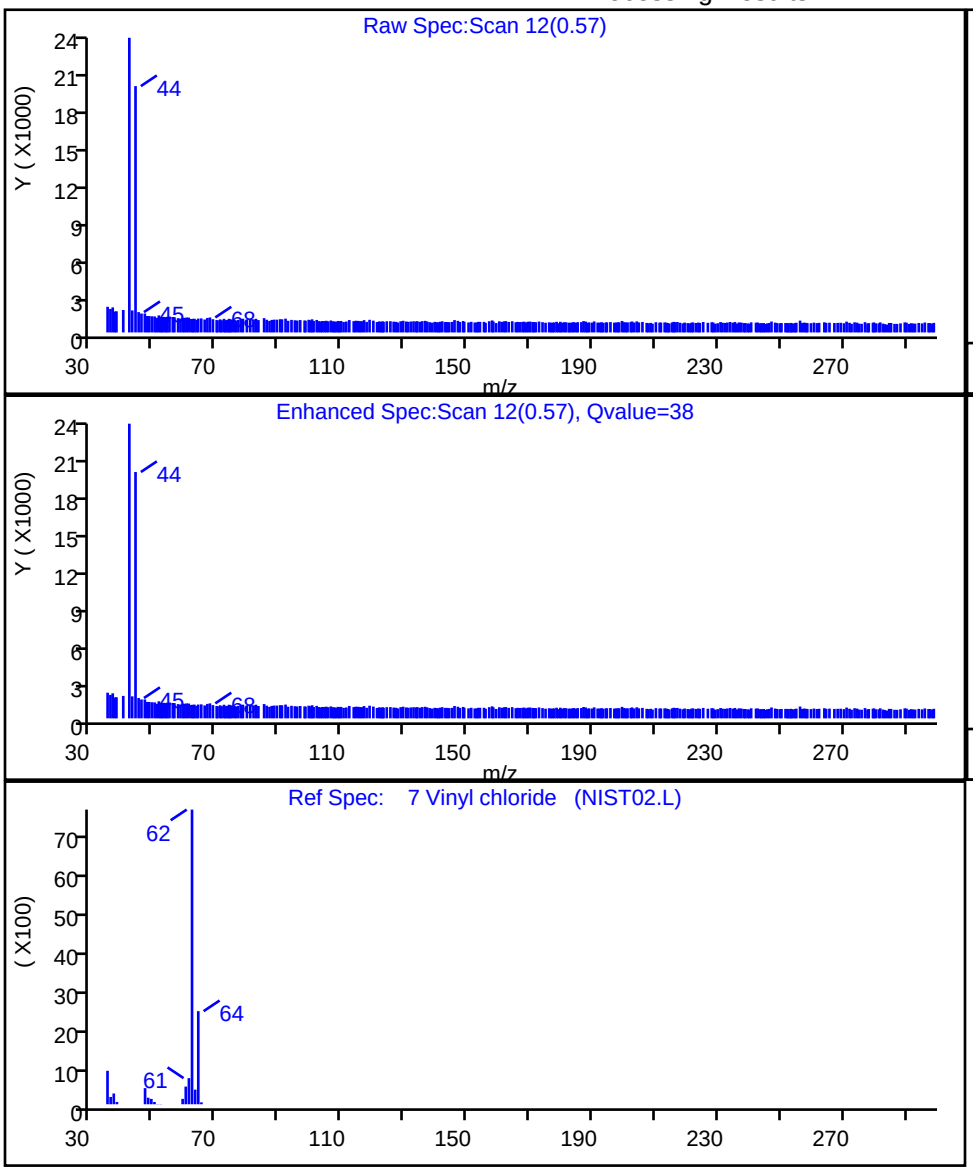
User Disabled Compound Report

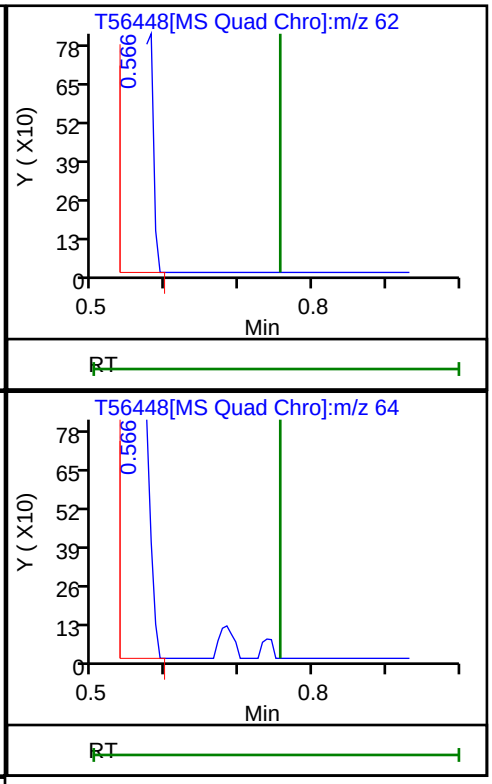
Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56448.D				
Injection Date:	06-Oct-2021 10:13:52	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-1	Lab Sample ID:	460-244050-1		
Client ID:	MW-2R_20210927				
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

Processing Results





RT	Mass	Response	Amount
0.57	62.00	2723	0.707727
0.57	64.00	1485	

Reviewer: desais, 06-Oct-2021 11:50:02

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-X_20210927 Lab Sample ID: 460-244050-2

Matrix: Water Lab File ID: T56449.D

Analysis Method: 8260D Date Collected: 09/27/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.7		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	34		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-X_20210927 Lab Sample ID: 460-244050-2

Matrix: Water Lab File ID: T56449.D

Analysis Method: 8260D Date Collected: 09/27/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D
Lims ID: 460-244050-A-2
Client ID: MW-X_20210927
Sample Type: Client
Inject. Date: 06-Oct-2021 10:34:55 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-2
Misc. Info.: 460-0135560-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 11:51:33 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:50:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	94	42586	1000.0	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	69	317661	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	33	5396	1.72	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	123661	49.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	143051	45.1	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	477786	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	85	5642	1.75	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	32279	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	458353	46.2	
88 Tetrachloroethene	166	5.425	5.425	0.000	89	89229	34.4	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	350150	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	127839	51.7	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	163841	50.0	
S 136 1,2-Dichloroethene, Total	100				0		1.72	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 11:51:42 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D

Injection Date: 06-Oct-2021 10:34:55 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-2 Lab Sample ID: 460-244050-2

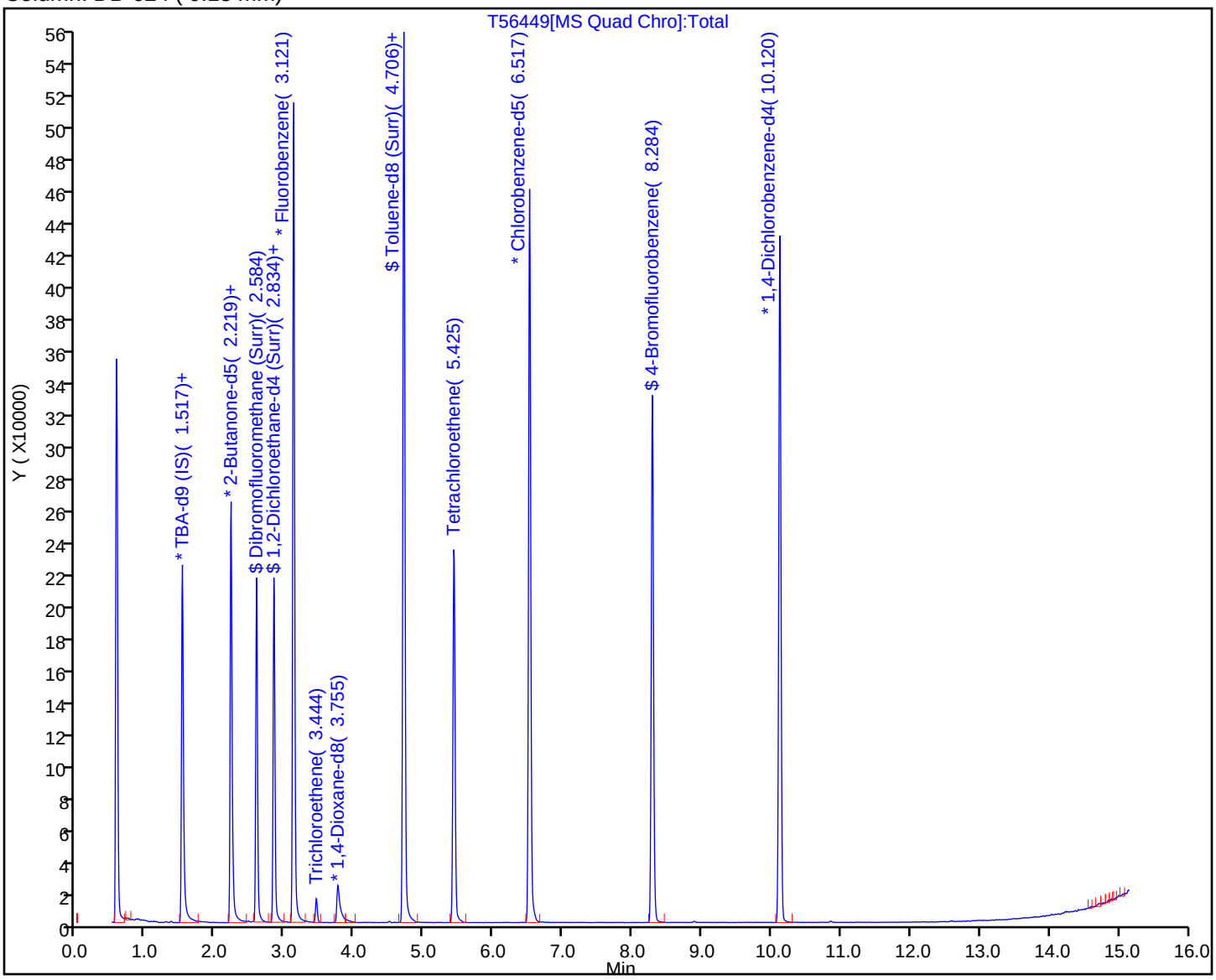
Client ID: MW-X_20210927

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

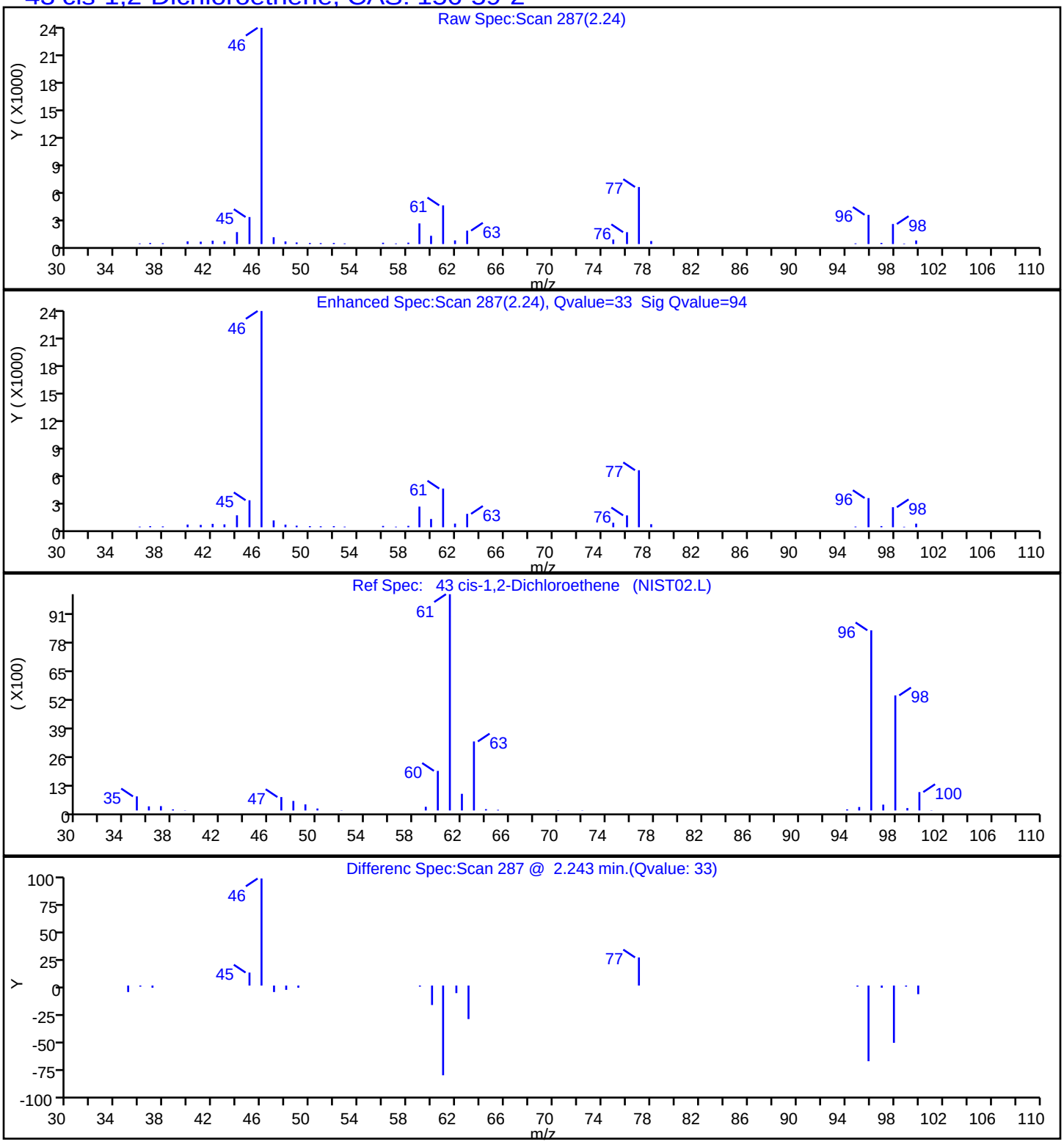
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D				
Injection Date:	06-Oct-2021 10:34:55	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-2	Lab Sample ID:	460-244050-2		
Client ID:	MW-X_20210927				
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		

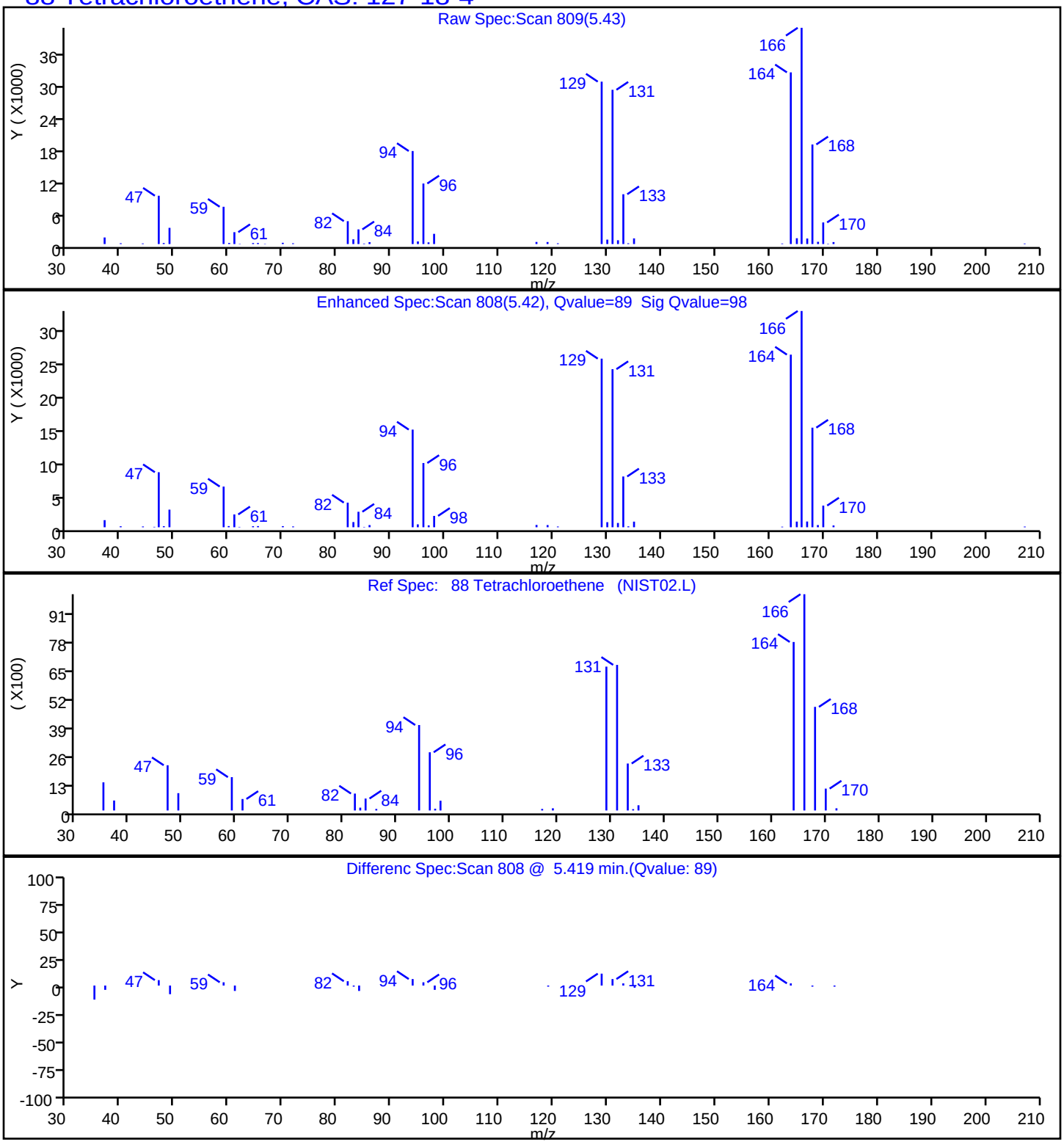
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D		
Injection Date:	06-Oct-2021 10:34:55	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-2	Lab Sample ID:	460-244050-2
Client ID:	MW-X_20210927		
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

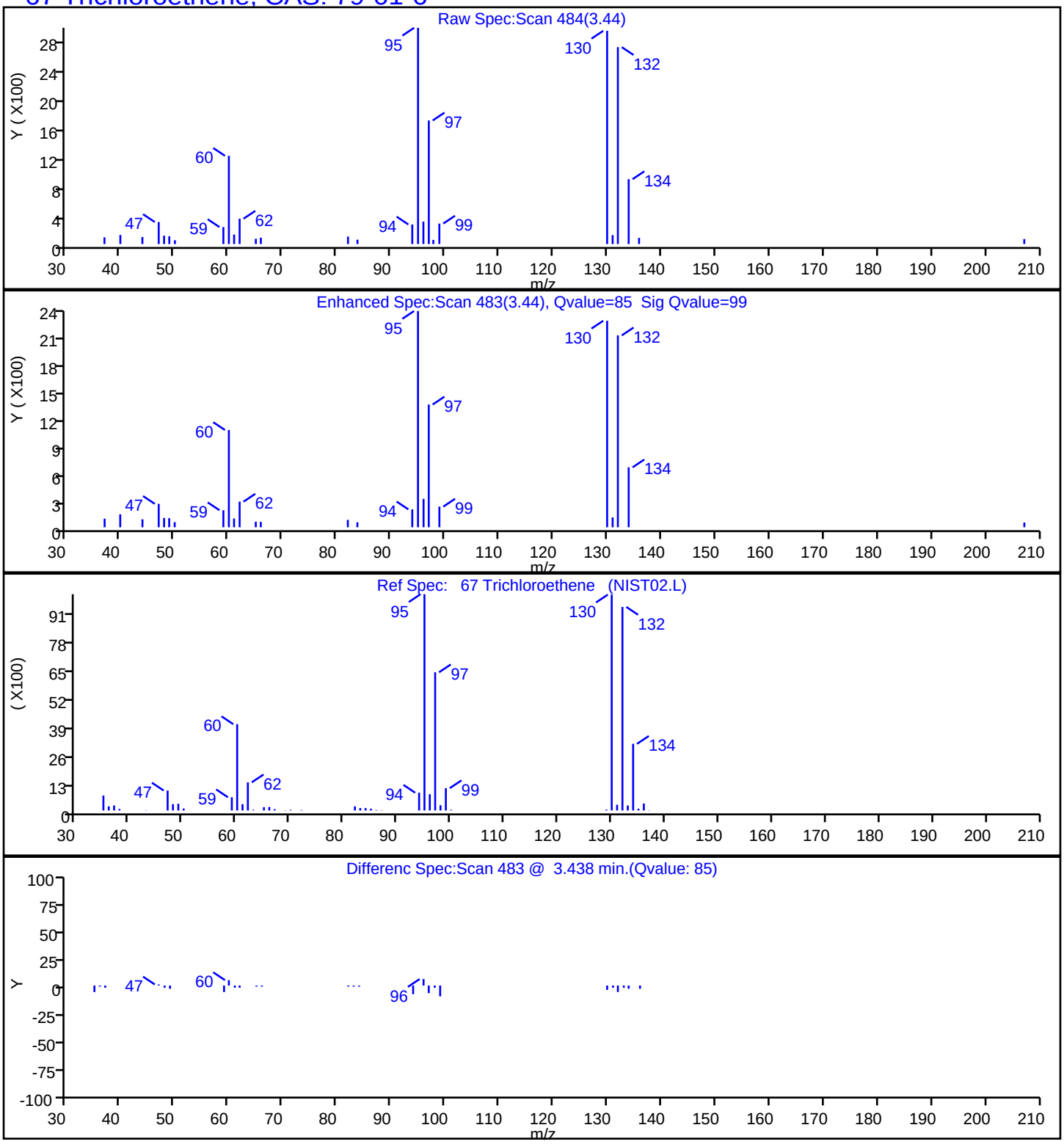
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D		
Injection Date:	06-Oct-2021 10:34:55	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-2	Lab Sample ID:	460-244050-2
Client ID:	MW-X_20210927		
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



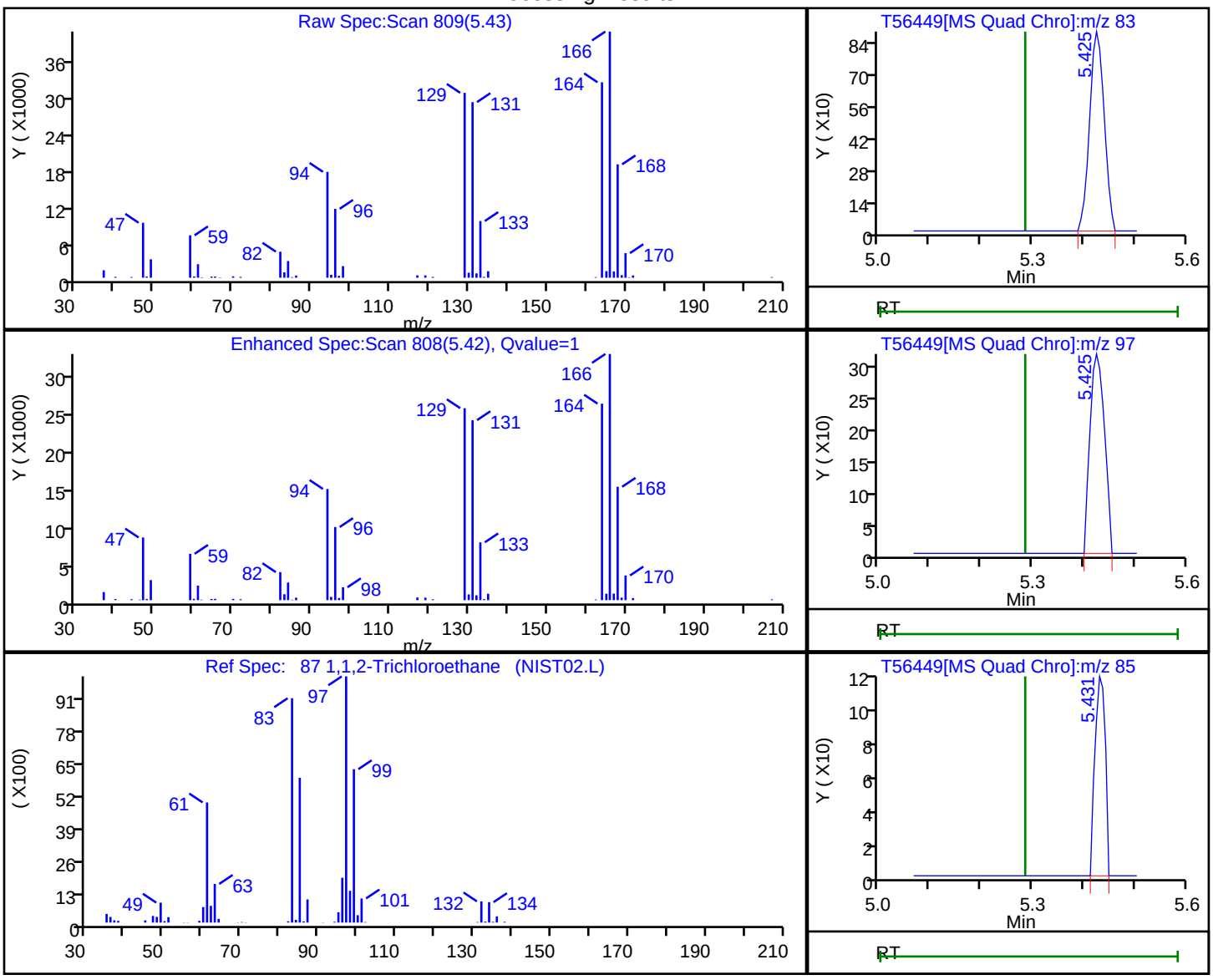
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D				
Injection Date:	06-Oct-2021 10:34:55	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-2	Lab Sample ID:	460-244050-2		
Client ID:	MW-X_20210927				
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
5.43	83.00	1757	0.765850
5.43	97.00	620	
5.43	85.00	169	

Reviewer: desais, 06-Oct-2021 11:50:34

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

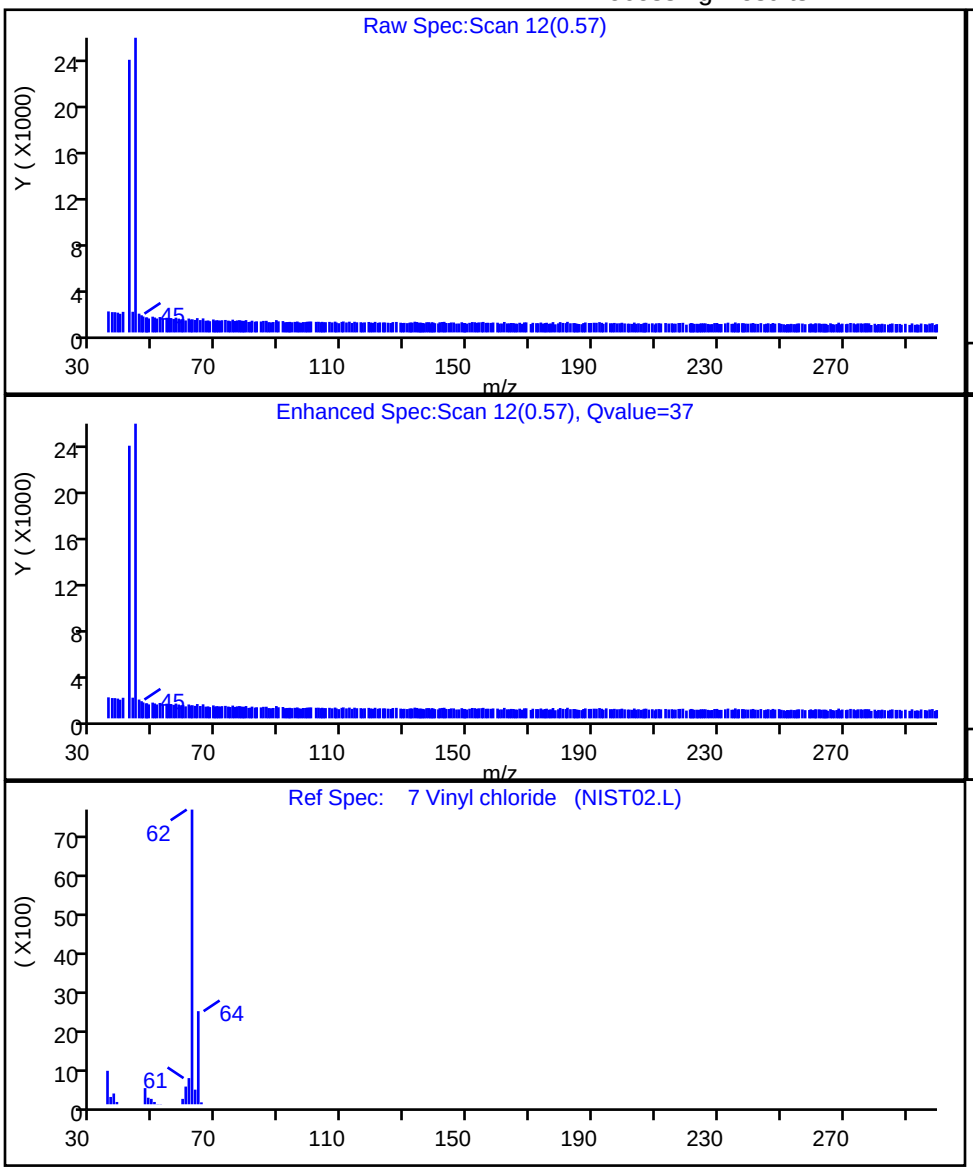
User Disabled Compound Report

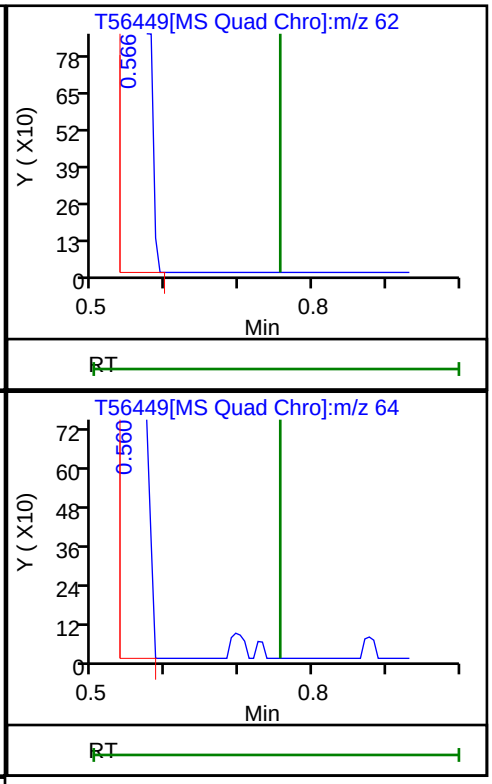
Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56449.D				
Injection Date:	06-Oct-2021 10:34:55	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-2	Lab Sample ID:	460-244050-2		
Client ID:	MW-X_20210927				
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

Processing Results





RT	Mass	Response	Amount
0.57	62.00	2249	0.582217
0.56	64.00	2350	

Reviewer: desais, 06-Oct-2021 11:50:28

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-4_20210927 Lab Sample ID: 460-244050-3

Matrix: Water Lab File ID: T56450.D

Analysis Method: 8260D Date Collected: 09/27/2021 15:45

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:55

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	1.1		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	47		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-4_20210927 Lab Sample ID: 460-244050-3

Matrix: Water Lab File ID: T56450.D

Analysis Method: 8260D Date Collected: 09/27/2021 15:45

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:55

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D
Lims ID: 460-244050-A-3
Client ID: MW-4_20210927
Sample Type: Client
Inject. Date: 06-Oct-2021 10:55:56 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-3
Misc. Info.: 460-0135560-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 11:51:33 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:50:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	95	41158	1000.0	
35 Methyl tert-butyl ether	73	1.646	1.645	0.001	94	8719	1.12	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	69	307158	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	71	20978	6.77	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	123272	50.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	140233	44.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	471789	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	91	14078	4.42	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	34192	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	454116	47.1	
88 Tetrachloroethene	166	5.431	5.425	0.006	92	119240	47.4	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	340047	50.0	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	124982	52.1	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	159700	50.0	
S 136 1,2-Dichloroethene, Total	100				0		6.77	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 11:51:44 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D

Injection Date: 06-Oct-2021 10:55:56 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-3 Lab Sample ID: 460-244050-3

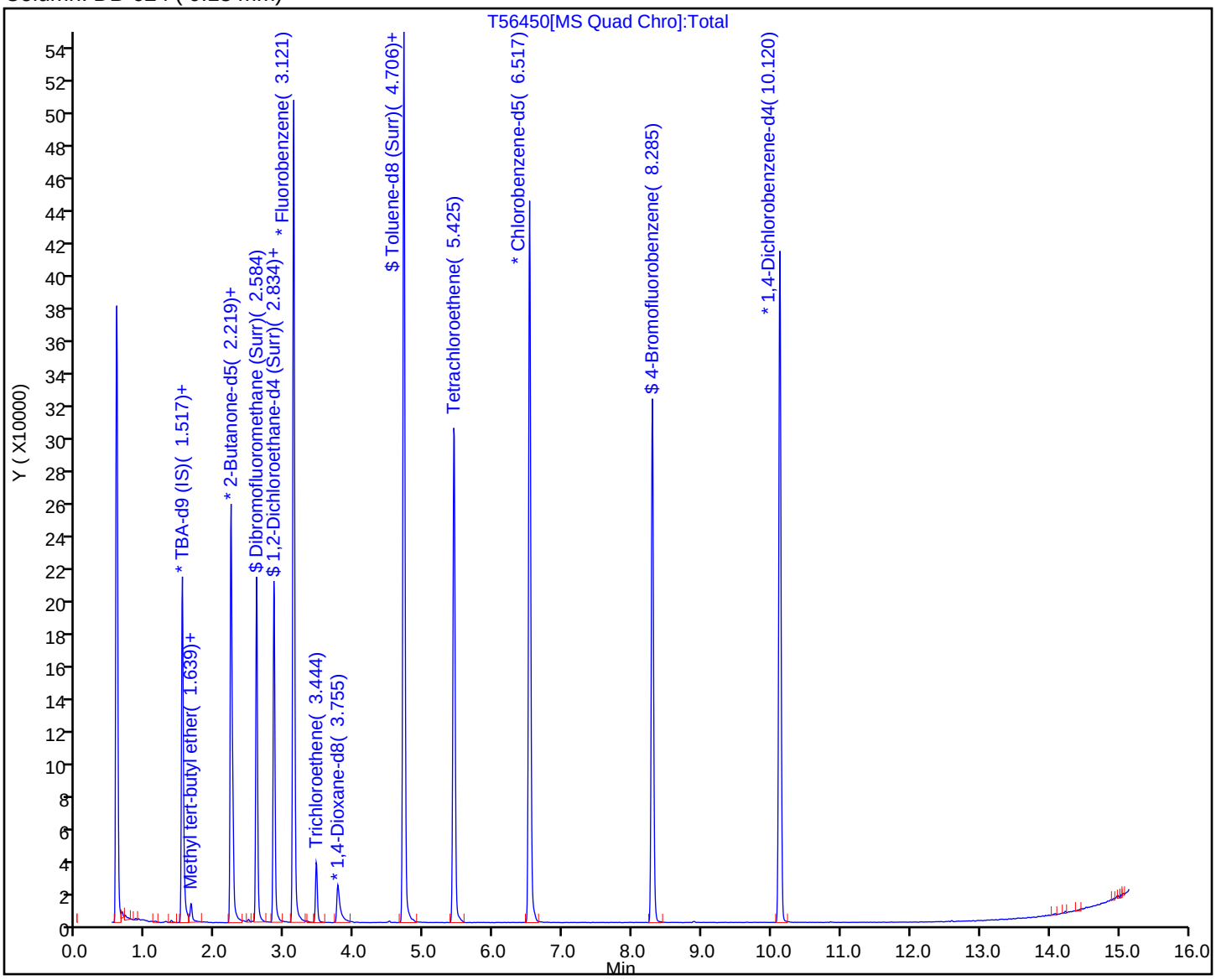
Client ID: MW-4_20210927

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

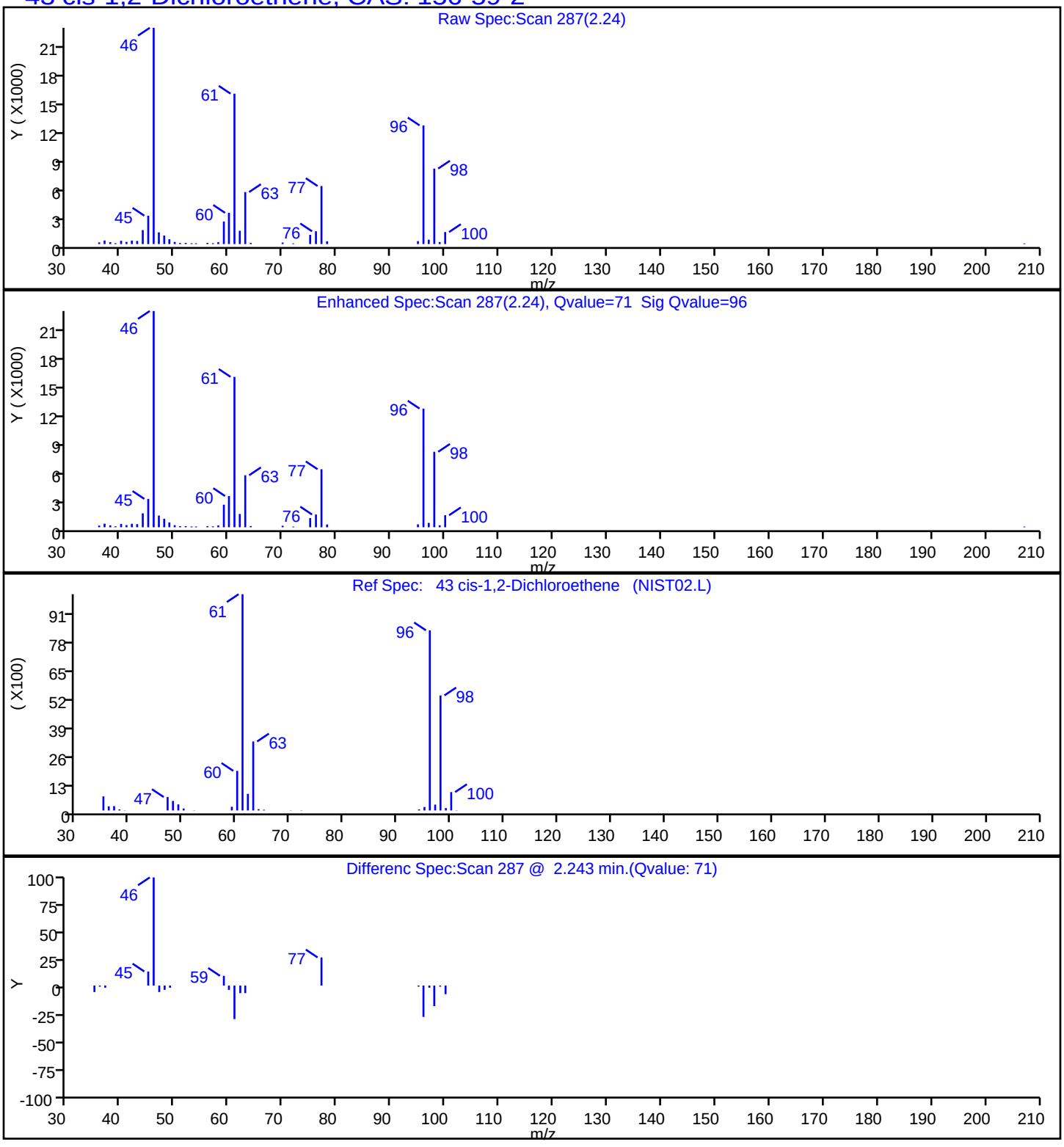
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D		
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3
Client ID:	MW-4_20210927		
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

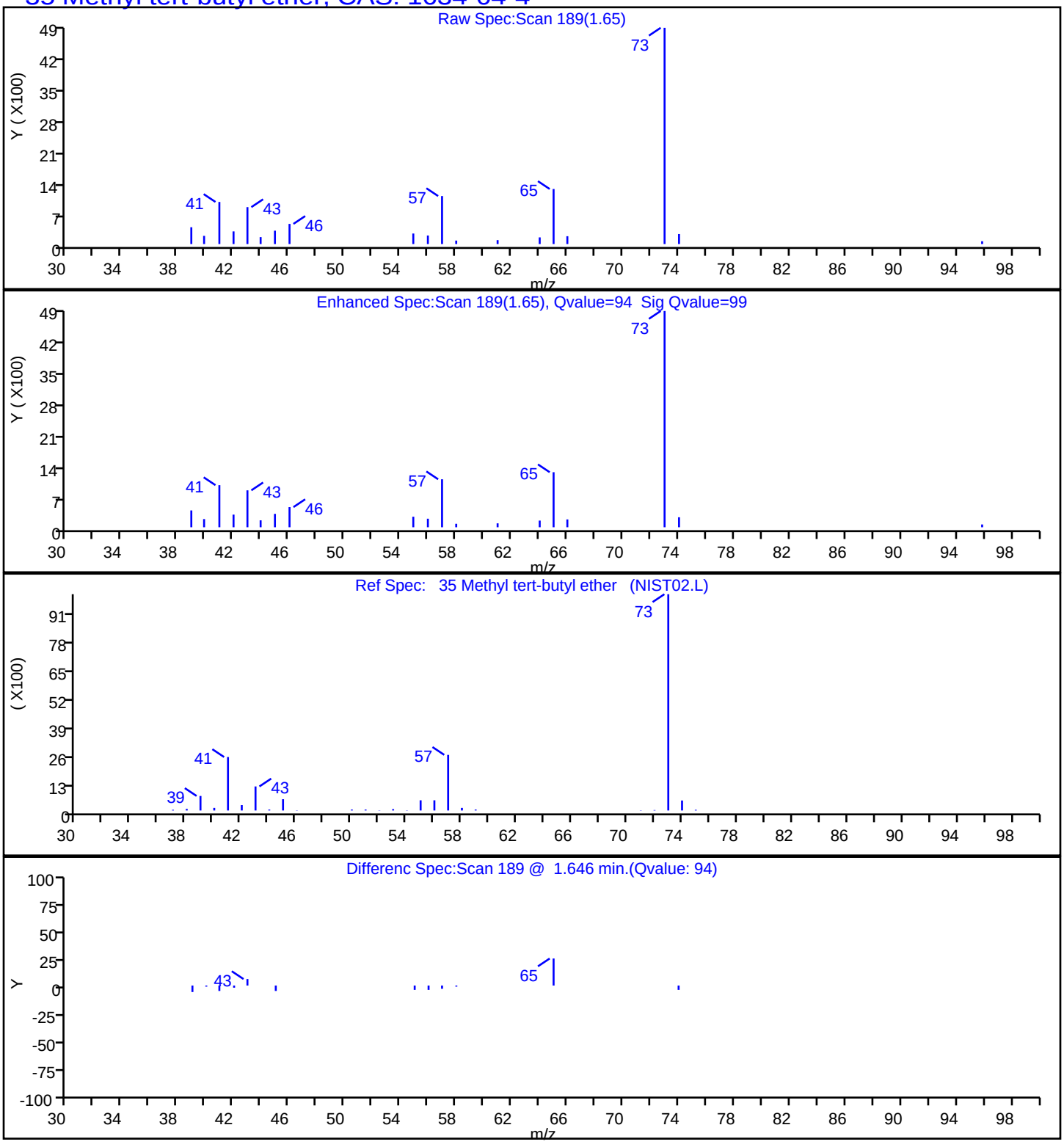
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D				
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3		
Client ID:	MW-4_20210927				
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		

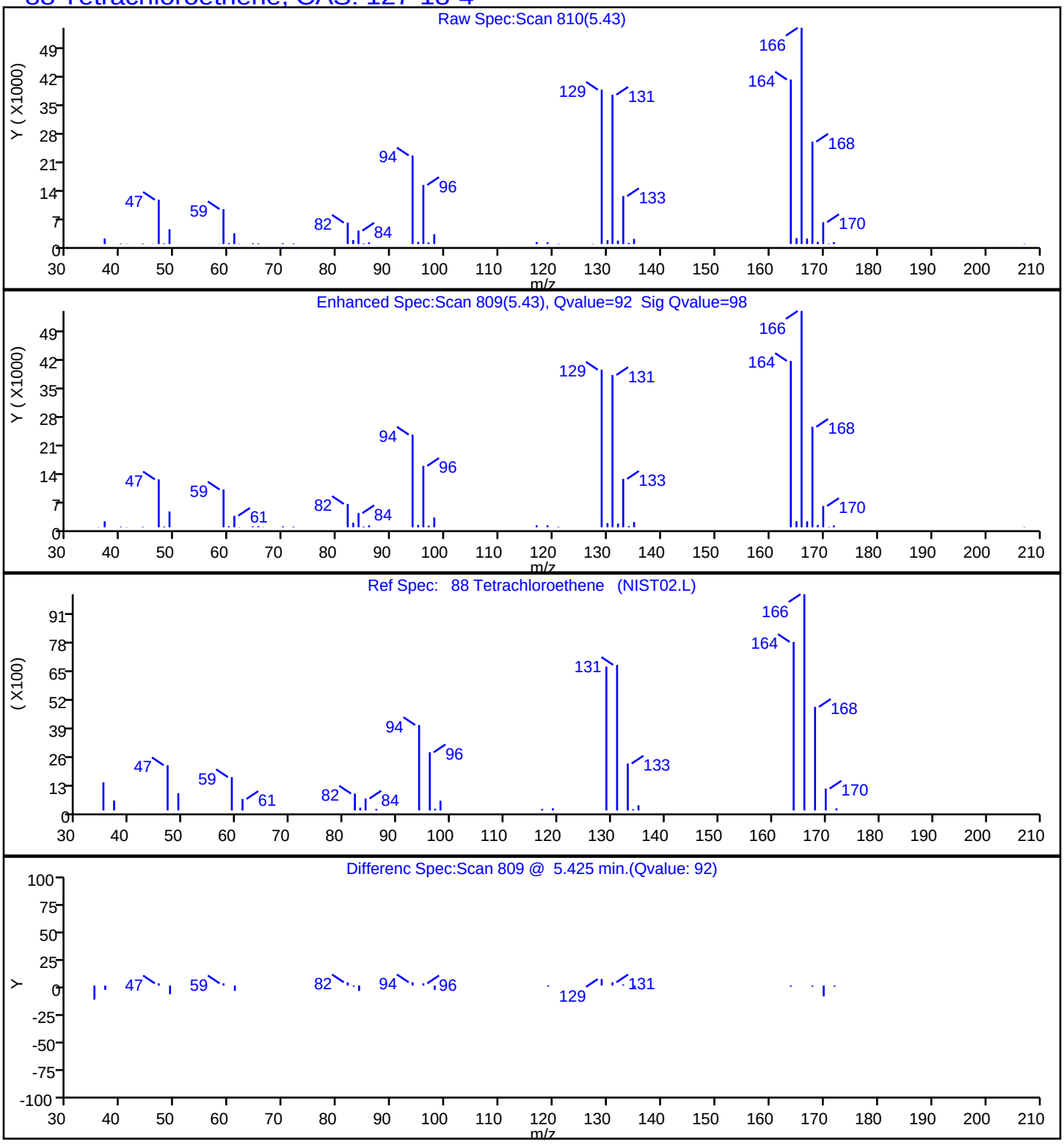
35 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D		
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3
Client ID:	MW-4_20210927		
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

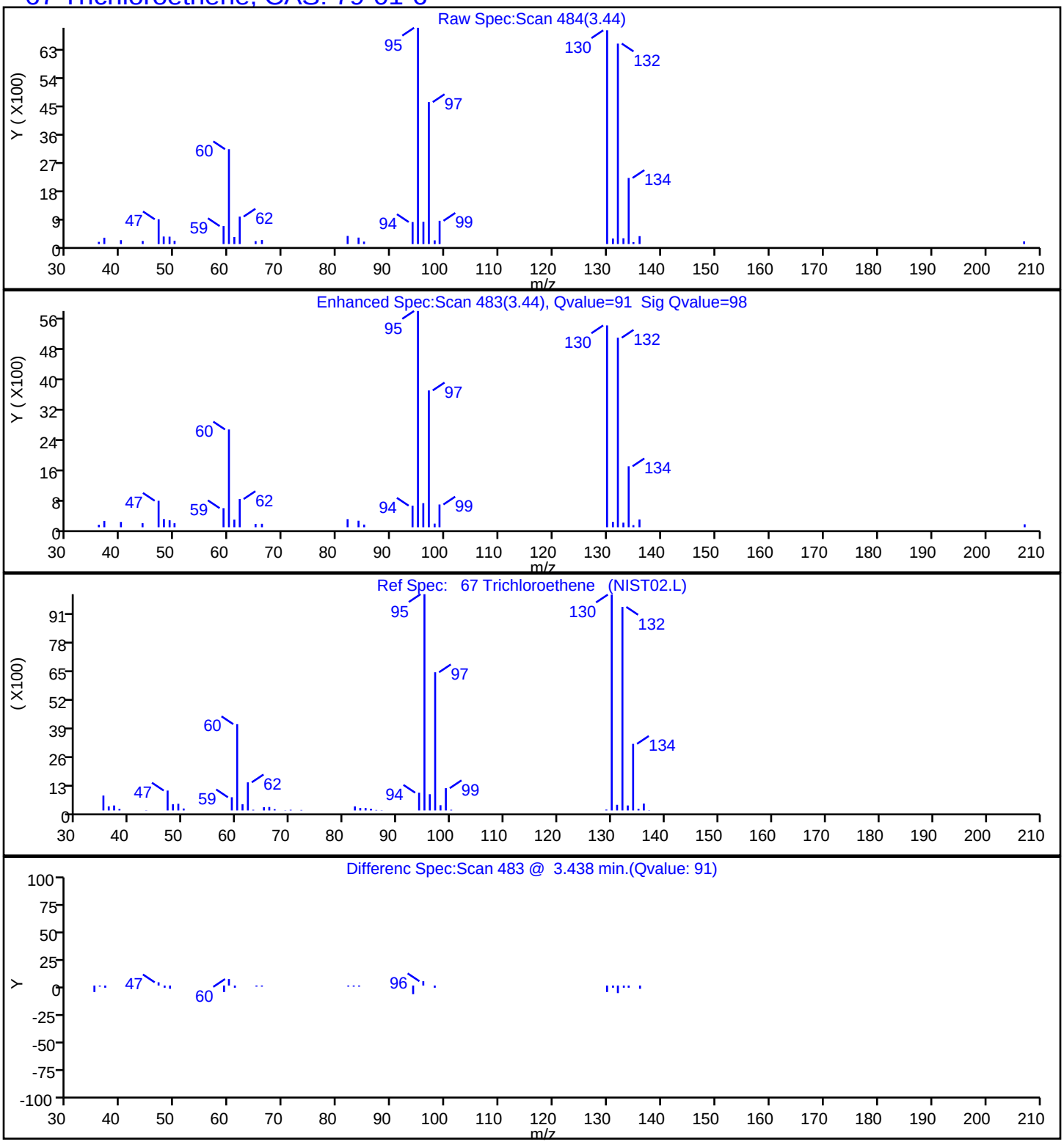
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D		
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3
Client ID:	MW-4_20210927		
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



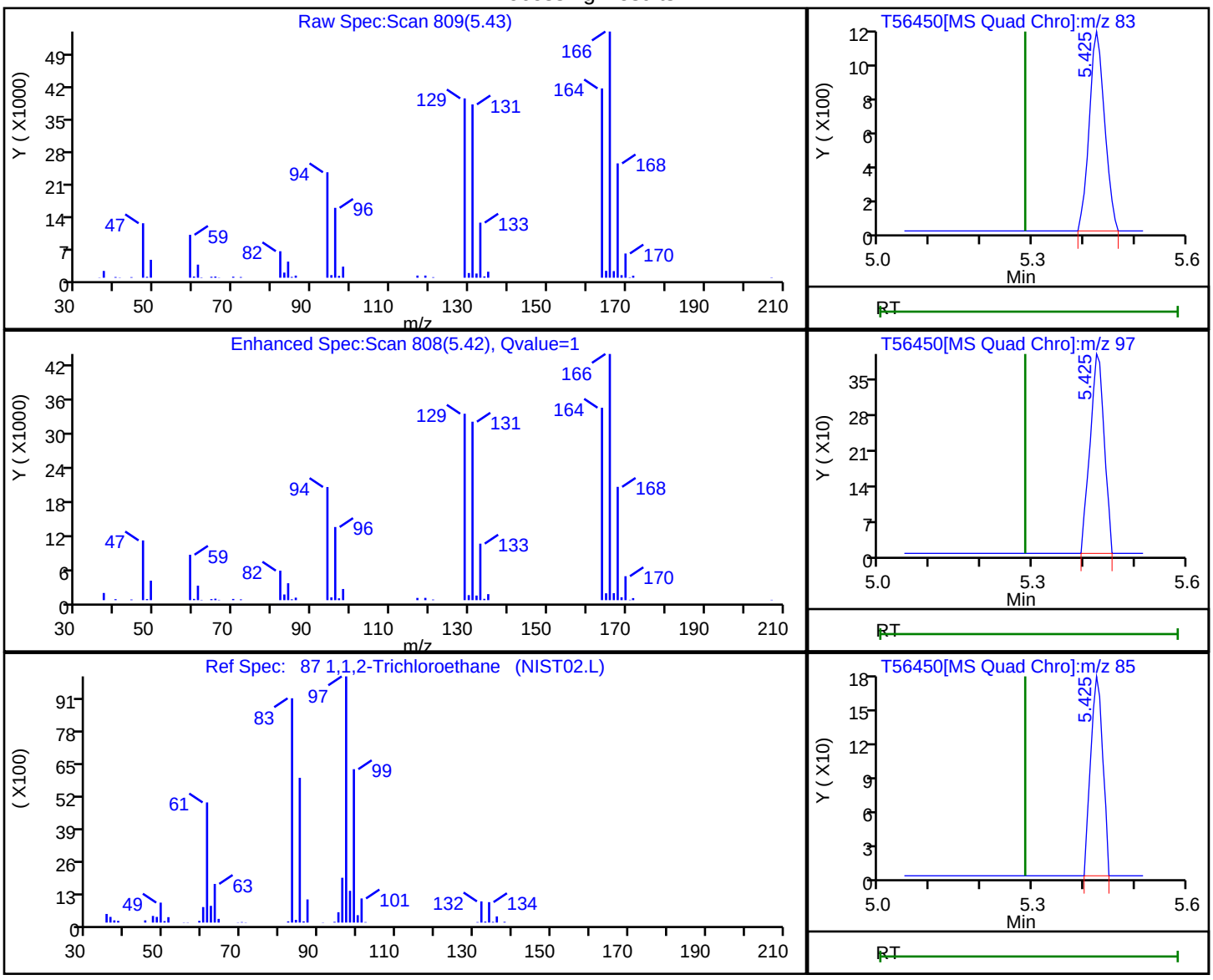
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D				
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3		
Client ID:	MW-4_20210927				
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
5.43	83.00	2333	1.047133
5.43	97.00	769	
5.43	85.00	293	

Reviewer: desais, 06-Oct-2021 11:50:52

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

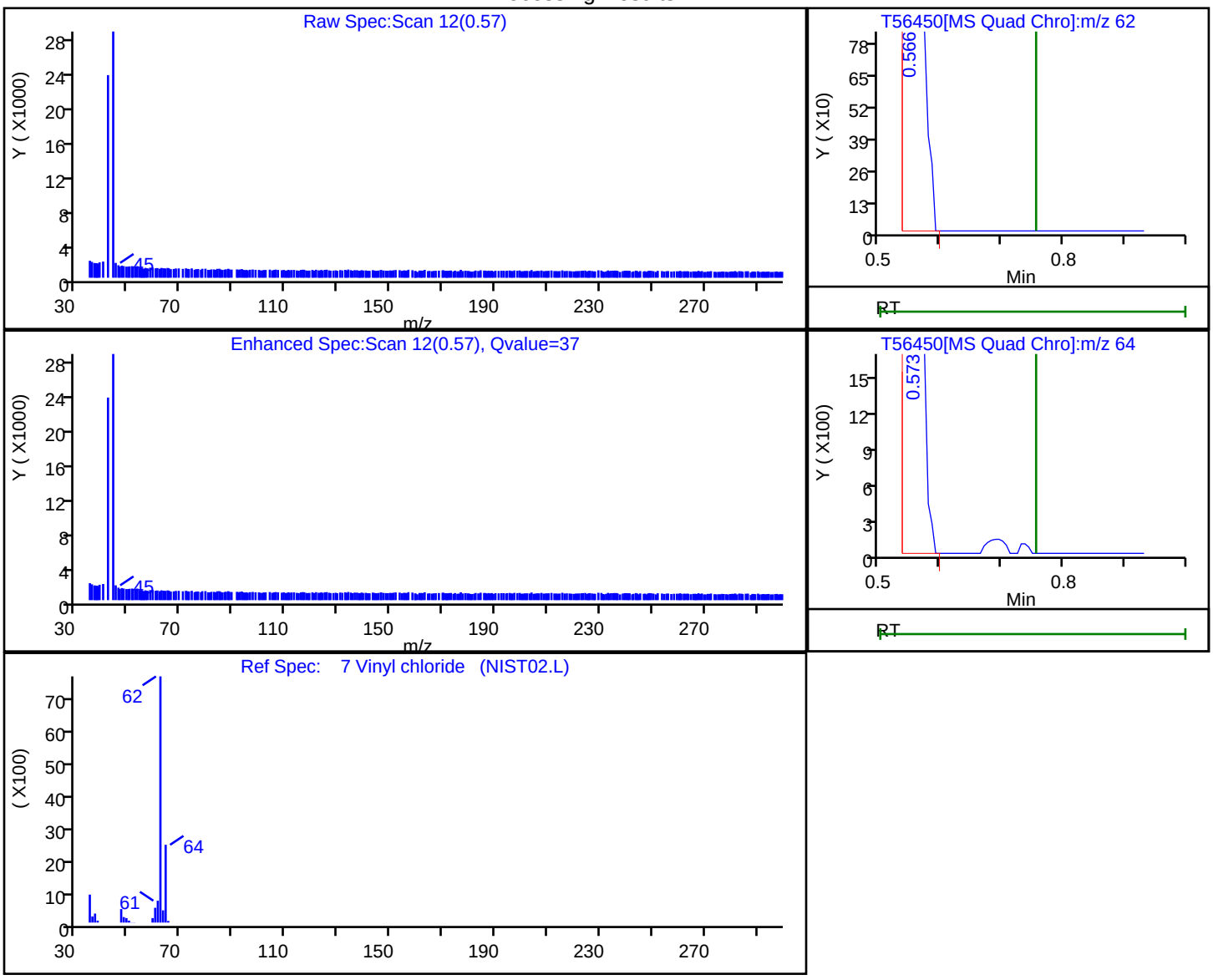
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56450.D				
Injection Date:	06-Oct-2021 10:55:56	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-3	Lab Sample ID:	460-244050-3		
Client ID:	MW-4_20210927				
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		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.57	62.00	2771	0.726469
0.57	64.00	1973	

Reviewer: desais, 06-Oct-2021 11:50:46

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-6_20210929 Lab Sample ID: 460-244050-4

Matrix: Water Lab File ID: T56451.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:55

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.4		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	38		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	2.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-6_20210929 Lab Sample ID: 460-244050-4

Matrix: Water Lab File ID: T56451.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:55

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D
Lims ID: 460-244050-A-4
Client ID: MW-6_20210929
Sample Type: Client
Inject. Date: 06-Oct-2021 11:17:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-4
Misc. Info.: 460-0135560-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 11:51:33 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:51:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	95	43521	1000.0	
* 42 2-Butanone-d5	46	2.218	2.219	-0.001	69	317978	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	51	13567	4.35	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	121241	49.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	141692	45.0	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	474761	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	91	9423	2.94	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	33836	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	455283	47.0	
88 Tetrachloroethene	166	5.431	5.425	0.006	91	97151	38.4	
* 94 Chlorobenzene-d5	117	6.516	6.517	0.000	85	341761	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	125462	52.0	
* 120 1,4-Dichlorobenzene-d4	152	10.119	10.120	-0.001	96	160527	50.0	
S 136 1,2-Dichloroethene, Total	100				0		4.35	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 11:51:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D

Injection Date: 06-Oct-2021 11:17:01 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-4 Lab Sample ID: 460-244050-4

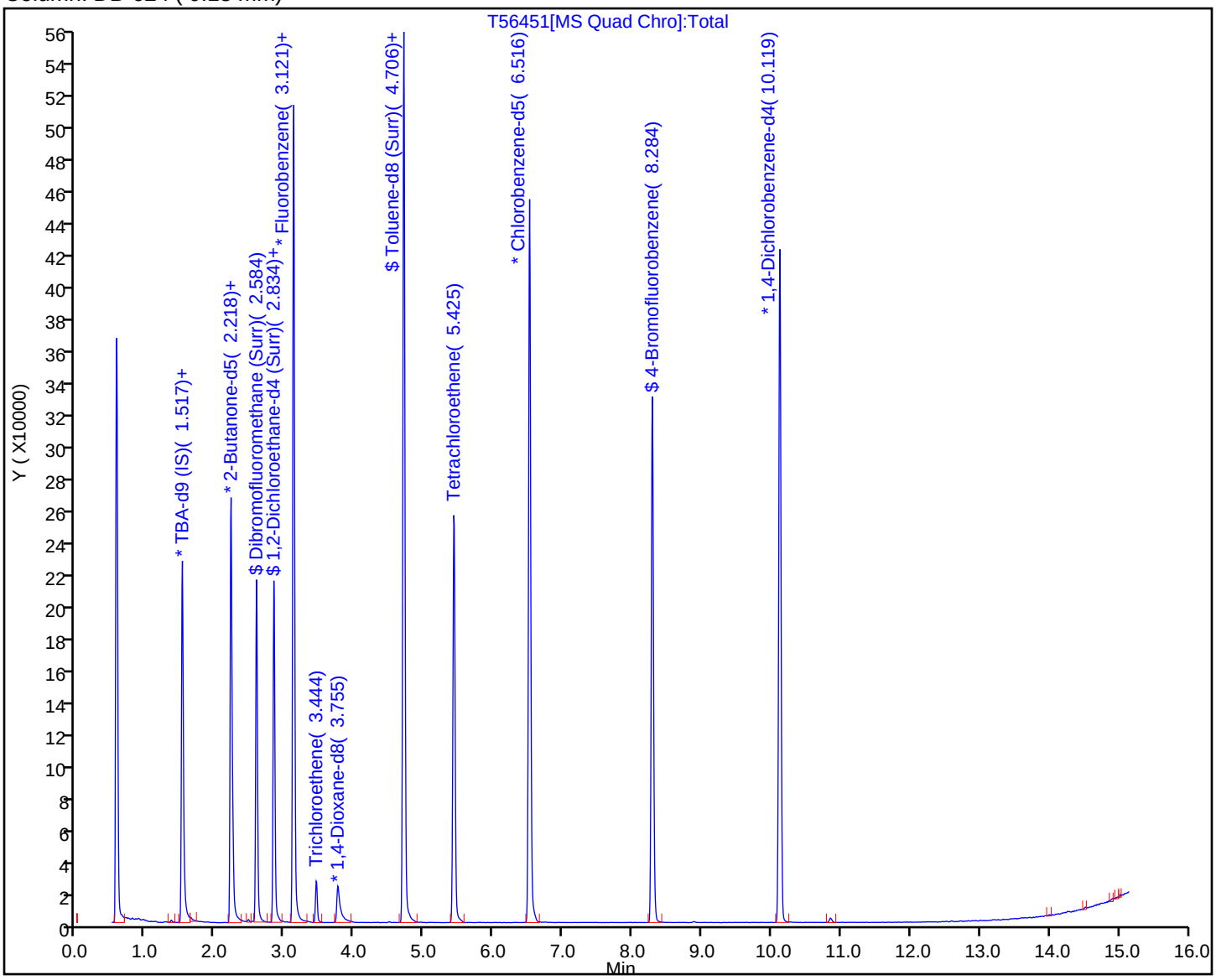
Client ID: MW-6_20210929

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

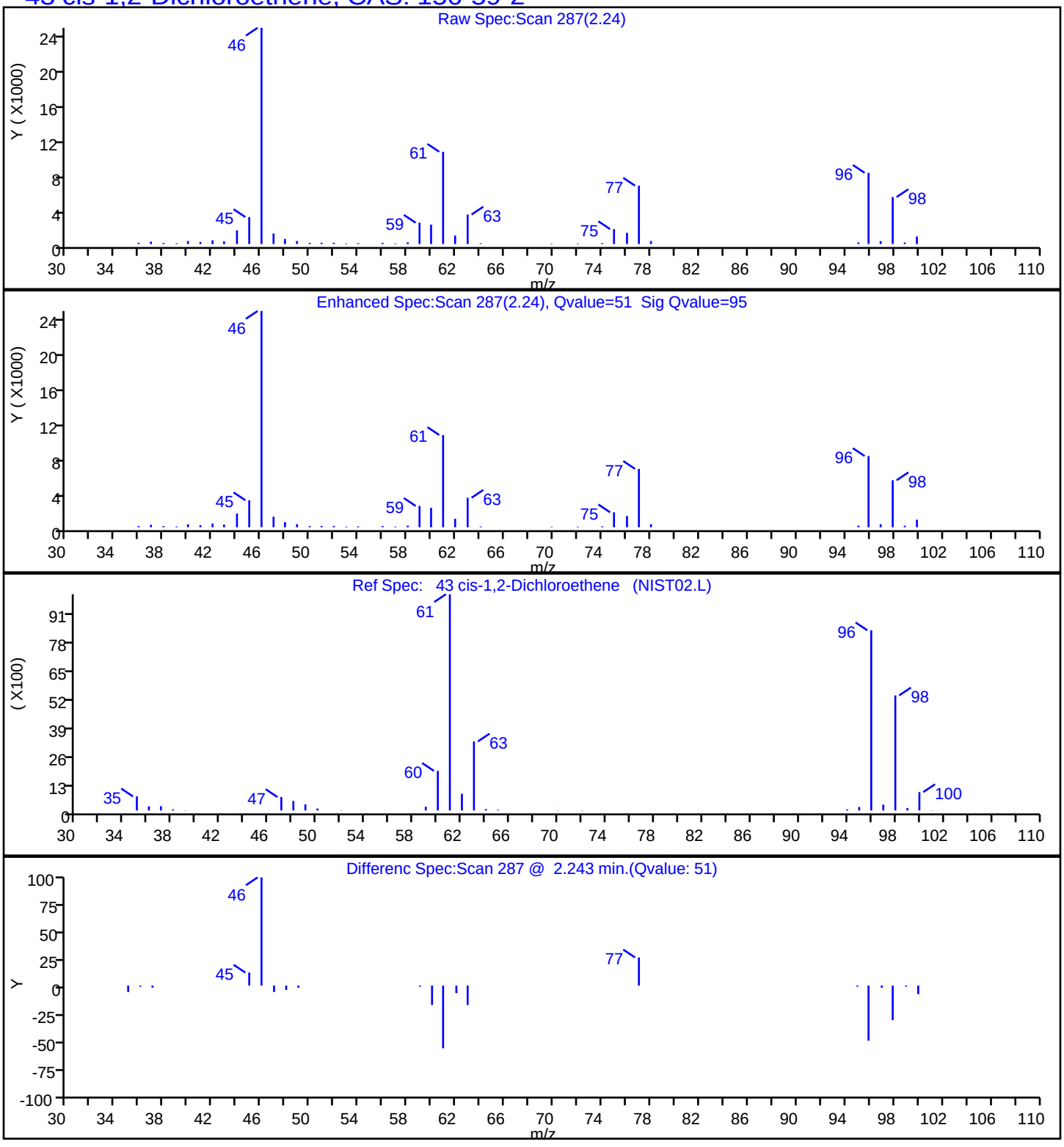
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D		
Injection Date:	06-Oct-2021 11:17:01	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-4	Lab Sample ID:	460-244050-4
Client ID:	MW-6_20210929		
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

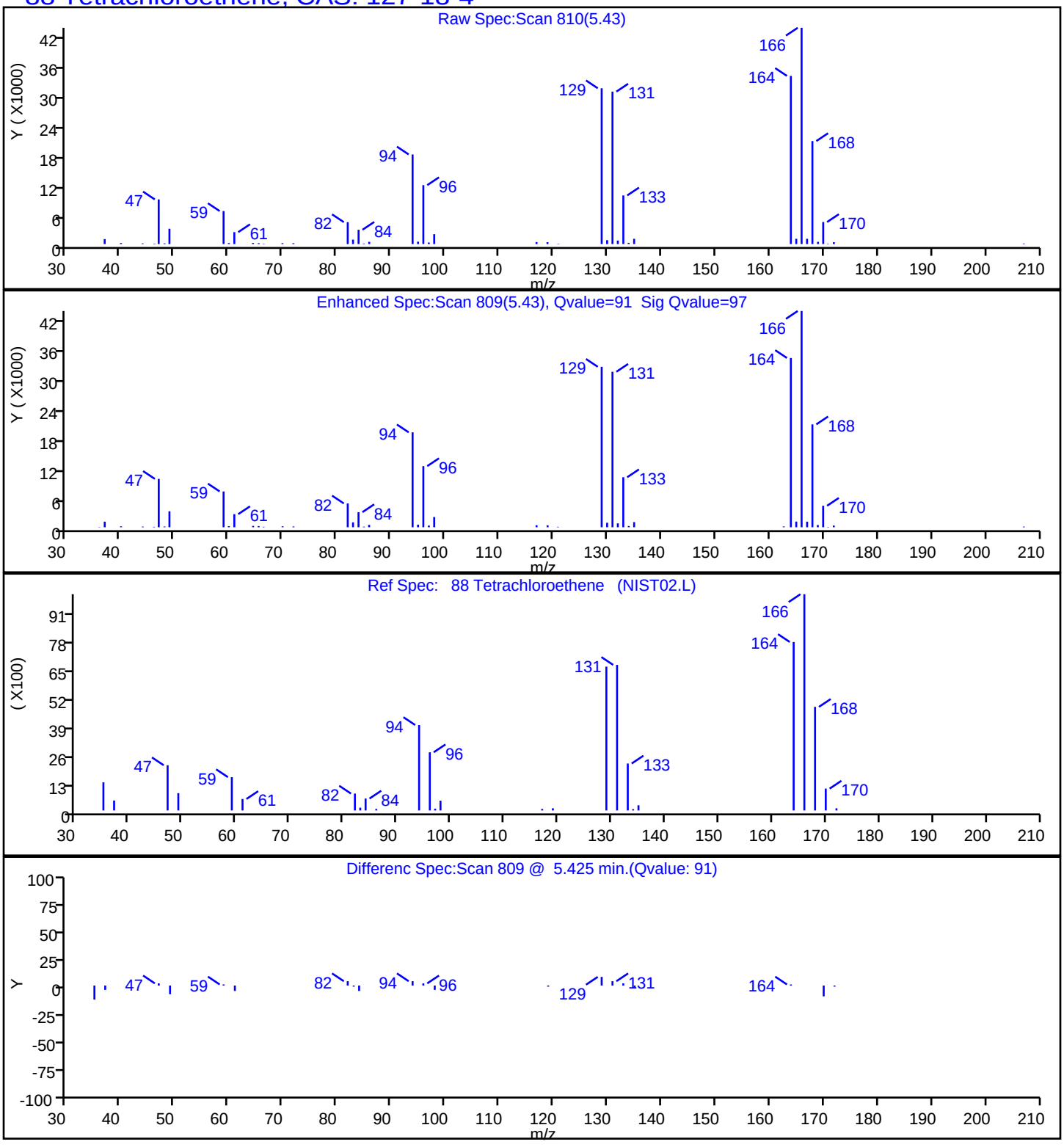
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D		
Injection Date:	06-Oct-2021 11:17:01	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-4	Lab Sample ID:	460-244050-4
Client ID:	MW-6_20210929		
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

88 Tetrachloroethene, CAS: 127-18-4

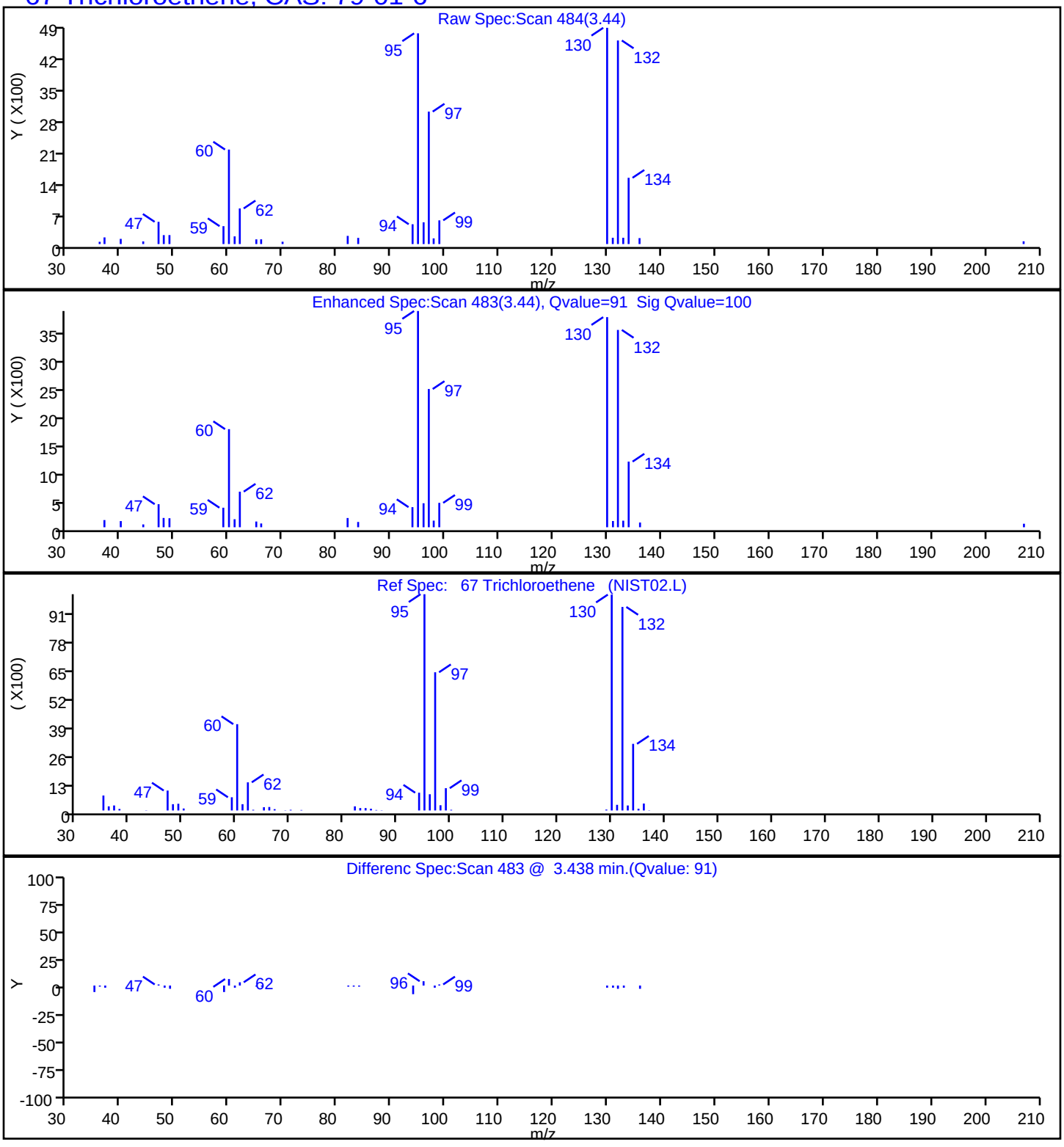


Report Date: 06-Oct-2021 11:51:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D				
Injection Date:	06-Oct-2021 11:17:01	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-4	Lab Sample ID:	460-244050-4		
Client ID:	MW-6_20210929				
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		

67 Trichloroethene, CAS: 79-01-6



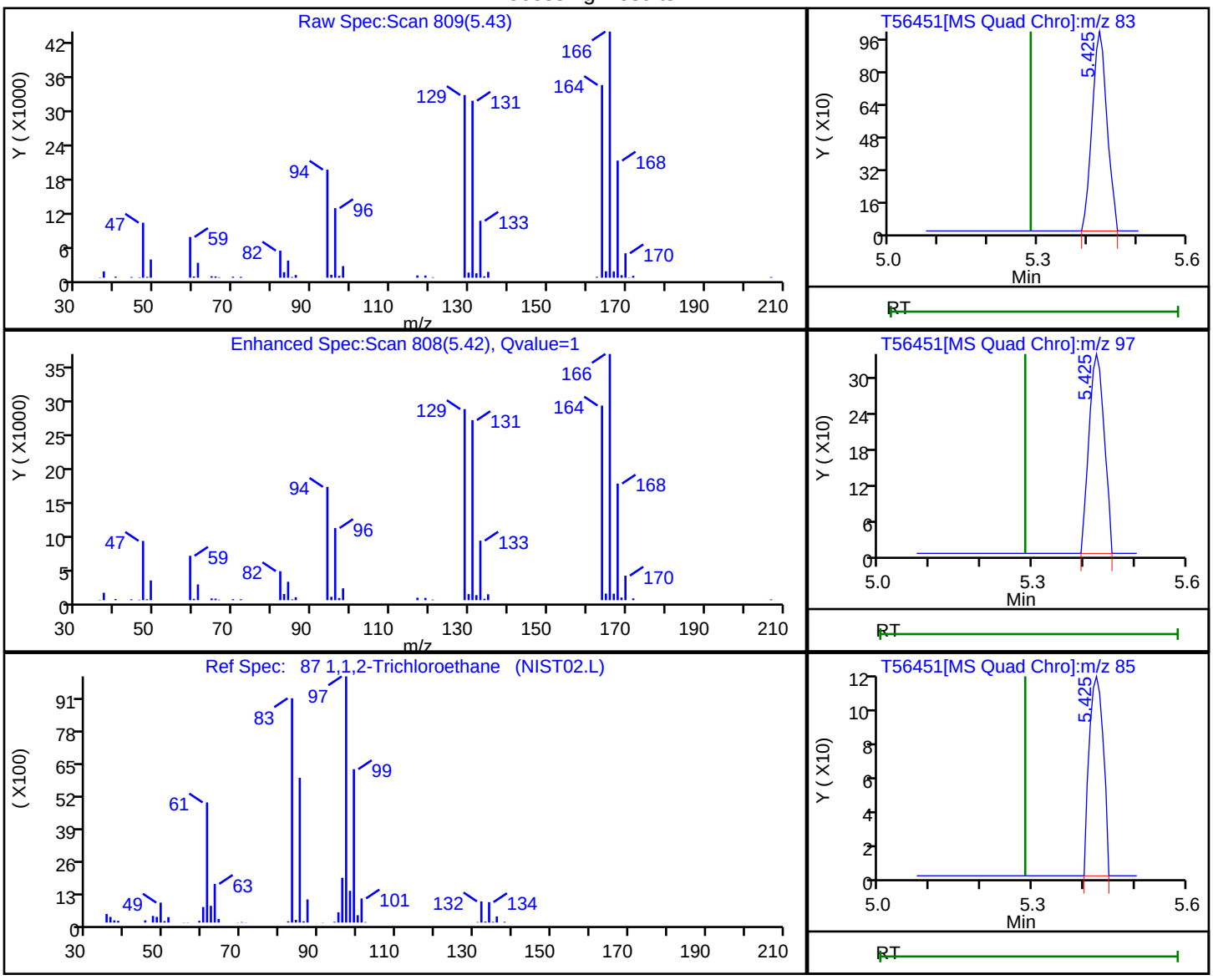
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D				
Injection Date:	06-Oct-2021 11:17:01	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-4	Lab Sample ID:	460-244050-4		
Client ID:	MW-6_20210929				
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		

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

Processing Results



RT	Mass	Response	Amount
5.43	83.00	2081	0.929342
5.43	97.00	694	
5.43	85.00	230	

Reviewer: desais, 06-Oct-2021 11:51:23

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

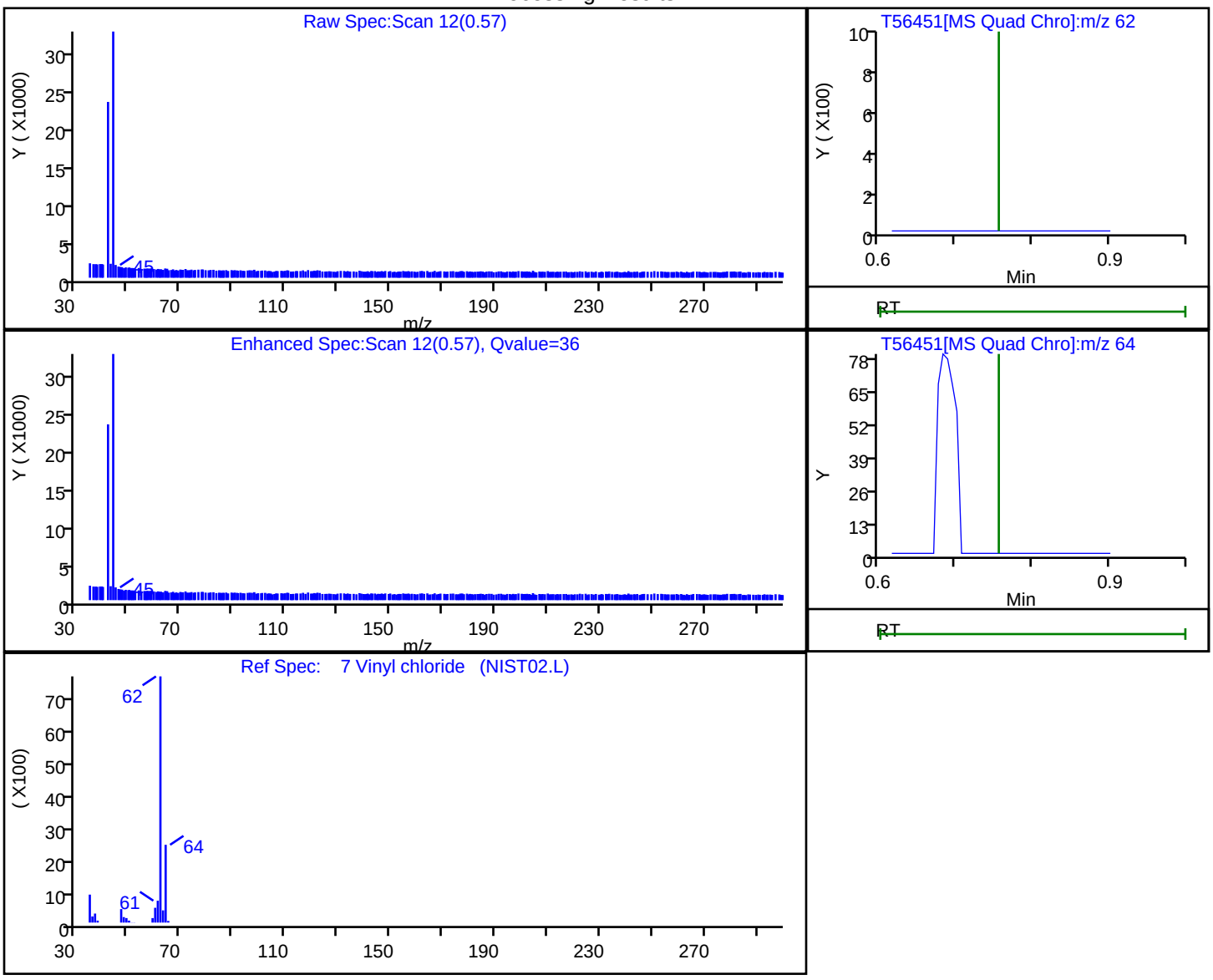
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56451.D				
Injection Date:	06-Oct-2021 11:17:01	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-4	Lab Sample ID:	460-244050-4		
Client ID:	MW-6_20210929				
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		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.57	62.00	2798	0.728956
0.57	64.00	3514	

Reviewer: desais, 06-Oct-2021 11:51:17

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 Lab Sample ID: 460-244050-5

Matrix: Water Lab File ID: T56447.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:52

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	7.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	47		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 Lab Sample ID: 460-244050-5

Matrix: Water Lab File ID: T56447.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:52

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D
Lims ID: 460-244050-A-5
Client ID: MW-7_20210929
Sample Type: Client
Inject. Date: 06-Oct-2021 09:52:50 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-5
Misc. Info.: 460-0135560-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 11:51:33 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:48:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chlorodifluoromethane	67	0.651	0.652	-0.001	38	740	1.18	
25 Isopropyl alcohol	45	1.359	1.359	0.000	18	631	3.22	
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	93	40951	1000.0	
* 42 2-Butanone-d5	46	2.218	2.219	-0.001	68	307269	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	73	22431	7.15	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	123898	49.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	141855	44.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	477340	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	93	15677	4.86	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	35194	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	458727	46.8	
88 Tetrachloroethene	166	5.425	5.425	0.000	90	119274	46.6	
* 94 Chlorobenzene-d5	117	6.516	6.517	0.000	85	345480	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	126589	51.9	
* 120 1,4-Dichlorobenzene-d4	152	10.119	10.120	-0.001	96	161977	50.0	
S 136 1,2-Dichloroethene, Total	100				0		7.15	
S 138 Total 1,2-dichloroethene	1				0		7.15	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 11:51:39 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D

Injection Date: 06-Oct-2021 09:52:50 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-5 Lab Sample ID: 460-244050-5

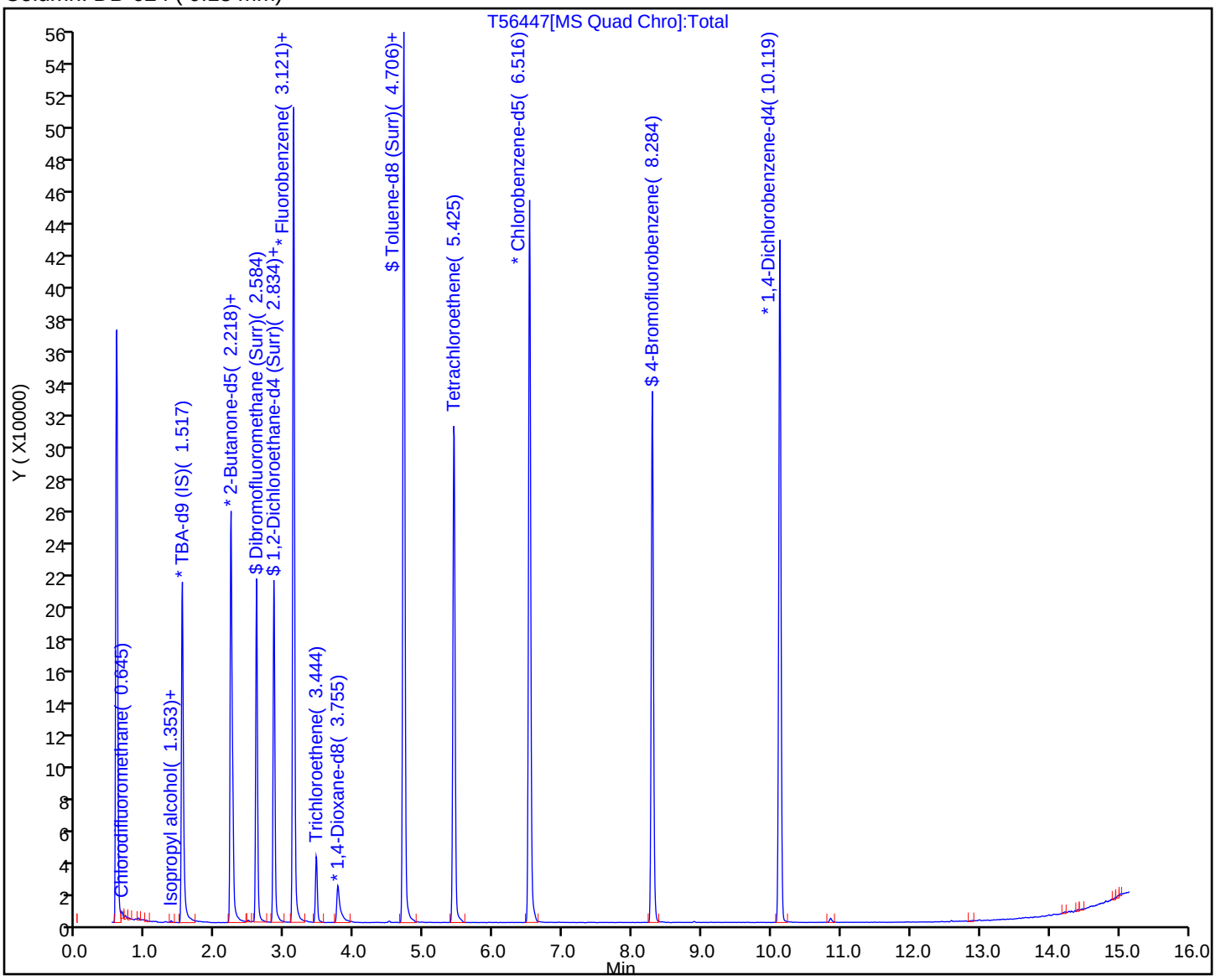
Client ID: MW-7_20210929

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

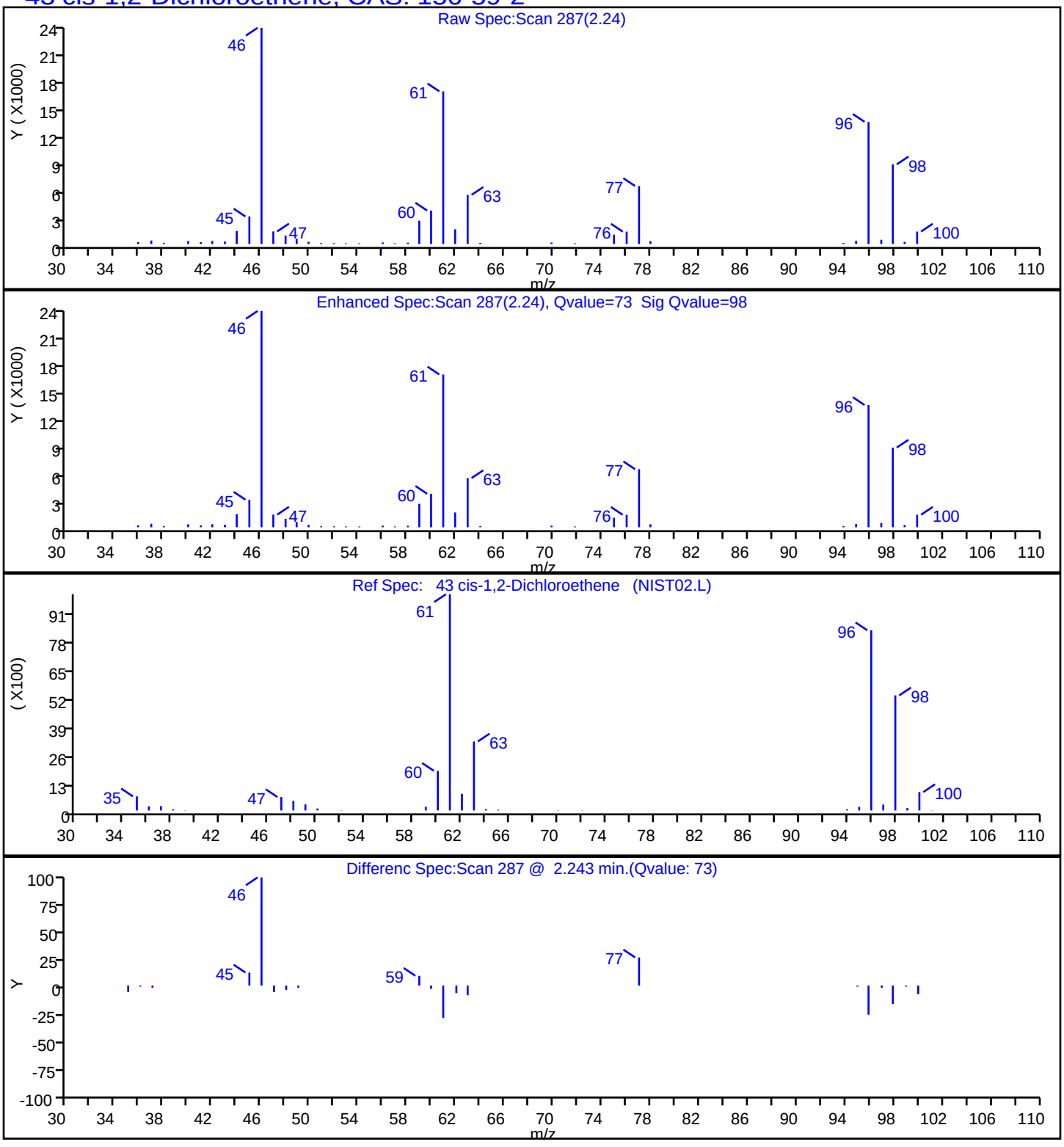
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D				
Injection Date:	06-Oct-2021 09:52:50	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-5	Lab Sample ID:	460-244050-5		
Client ID:	MW-7_20210929				
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		

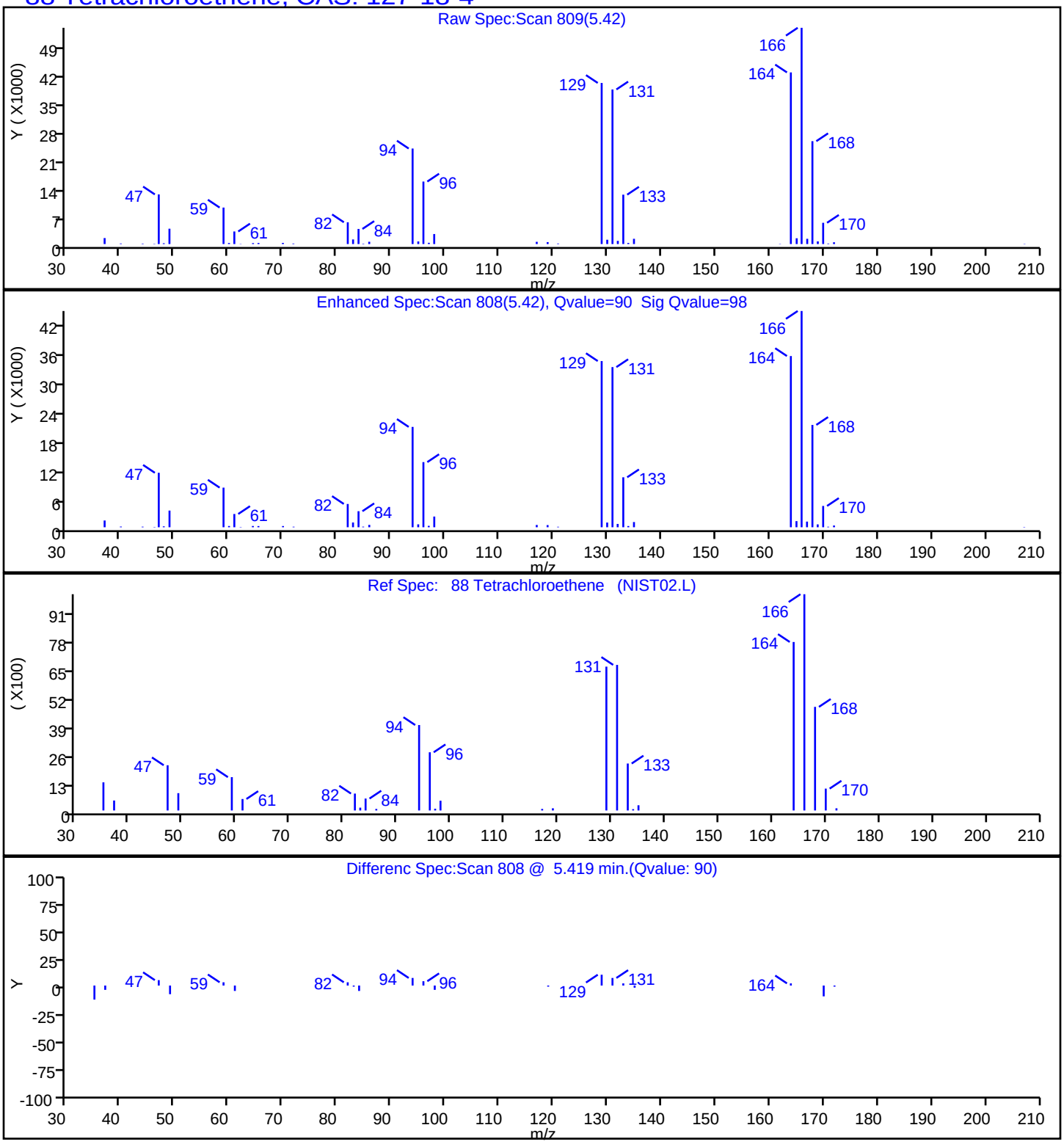
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D		
Injection Date:	06-Oct-2021 09:52:50	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-5	Lab Sample ID:	460-244050-5
Client ID:	MW-7_20210929		
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

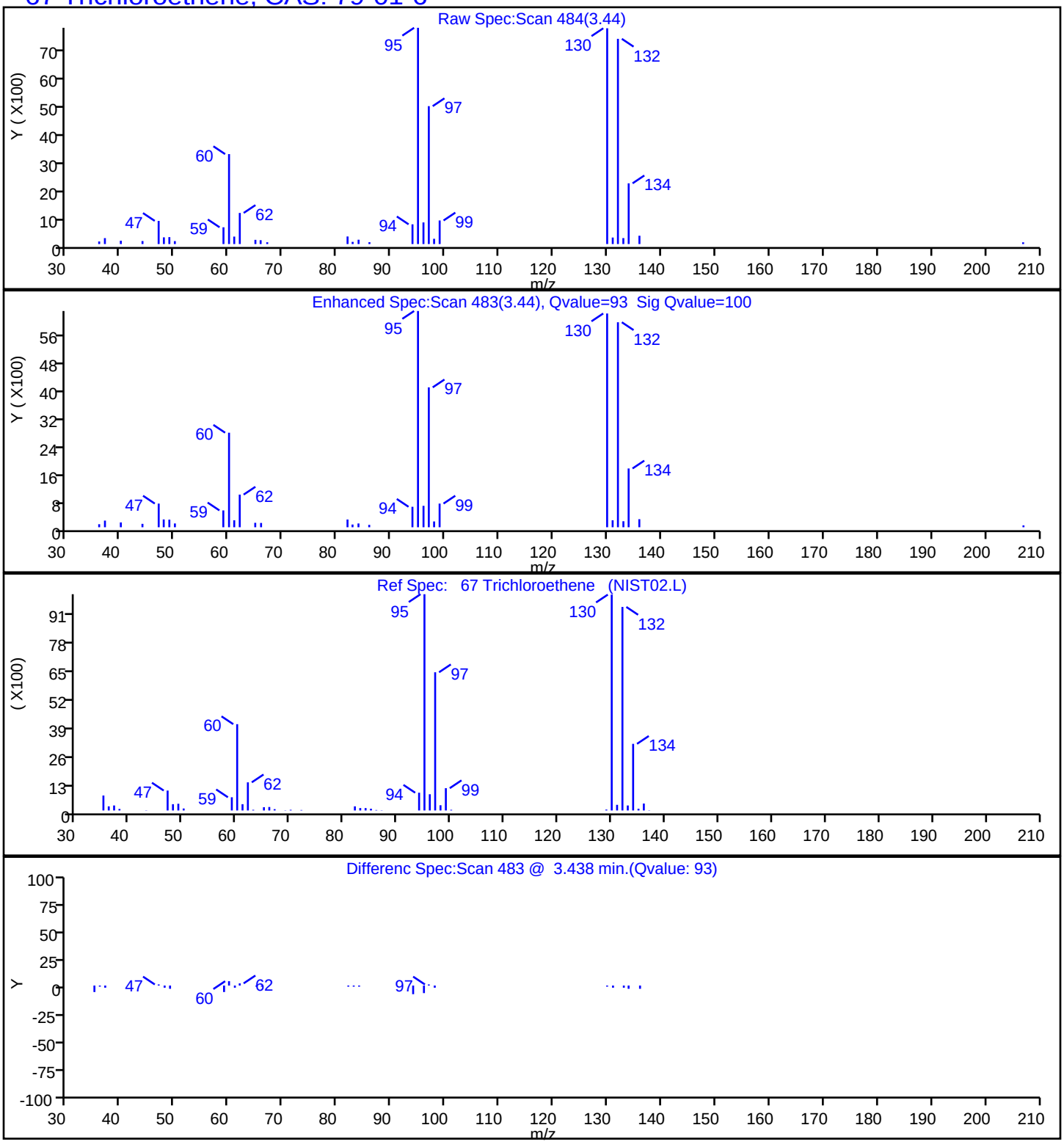
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D		
Injection Date:	06-Oct-2021 09:52:50	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-5	Lab Sample ID:	460-244050-5
Client ID:	MW-7_20210929		
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



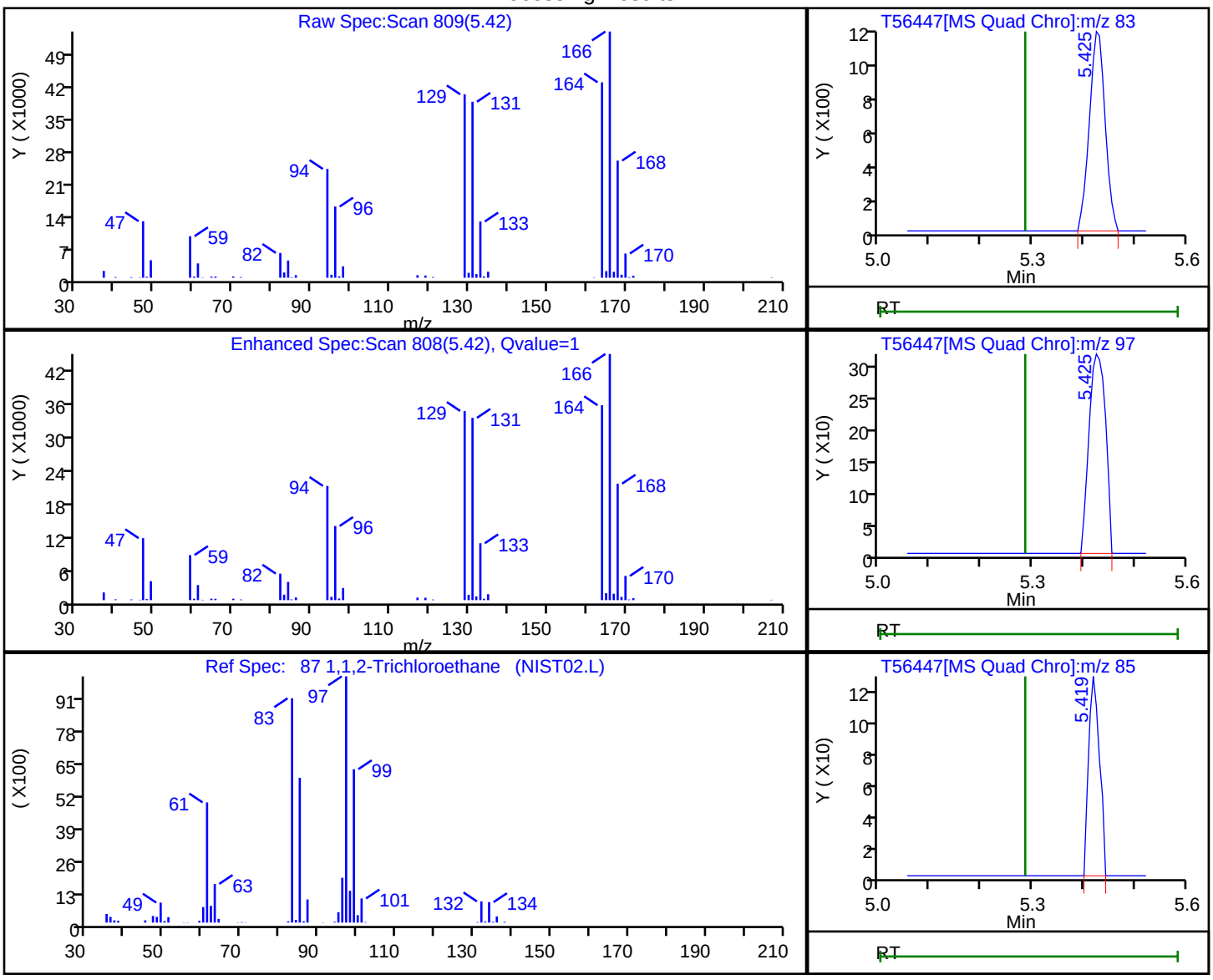
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D				
Injection Date:	06-Oct-2021 09:52:50	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-5	Lab Sample ID:	460-244050-5		
Client ID:	MW-7_20210929				
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		

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

Processing Results



RT	Mass	Response	Amount
5.42	83.00	2448	1.081470
5.42	97.00	701	
5.42	85.00	187	

Reviewer: desais, 06-Oct-2021 11:49:20

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

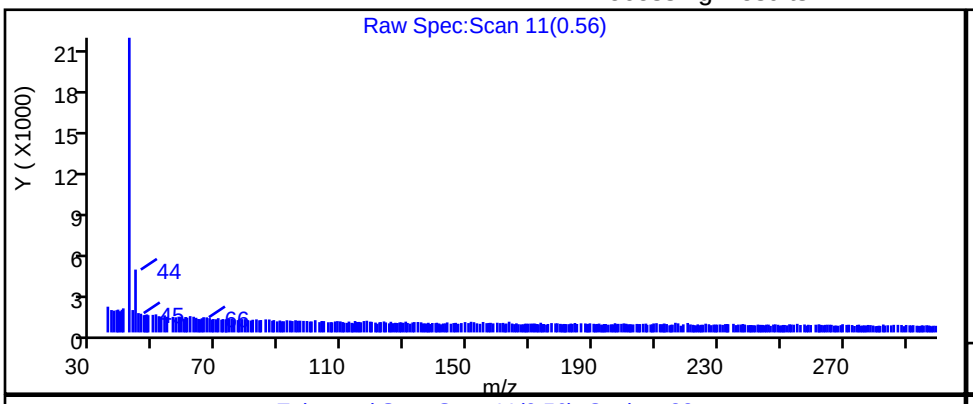
User Disabled Compound Report

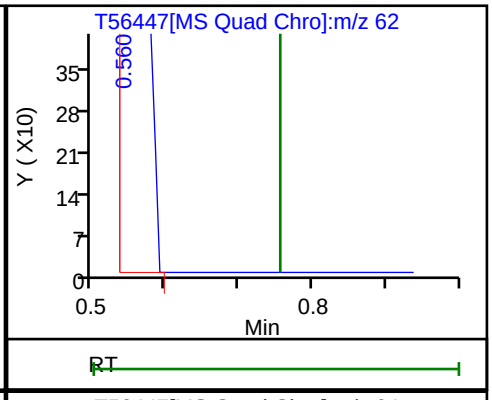
Eurofins TestAmerica, Edison

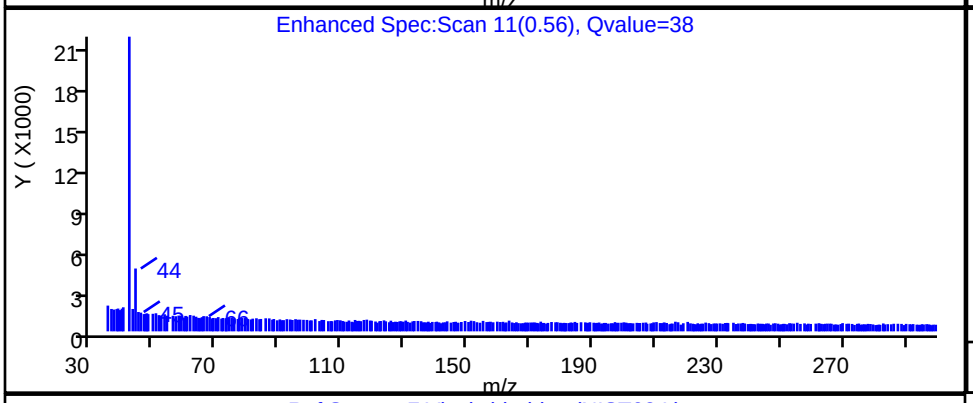
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56447.D				
Injection Date:	06-Oct-2021 09:52:50	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-5	Lab Sample ID:	460-244050-5		
Client ID:	MW-7_20210929				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

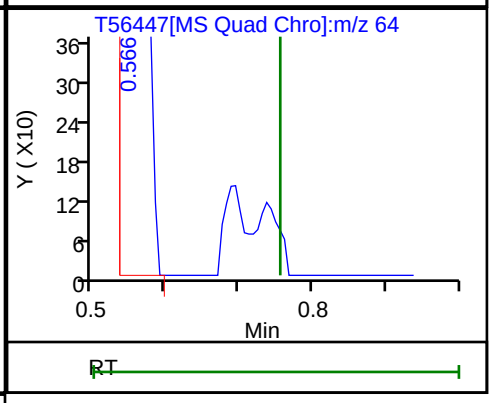
7 Vinyl chloride, CAS: 75-01-4

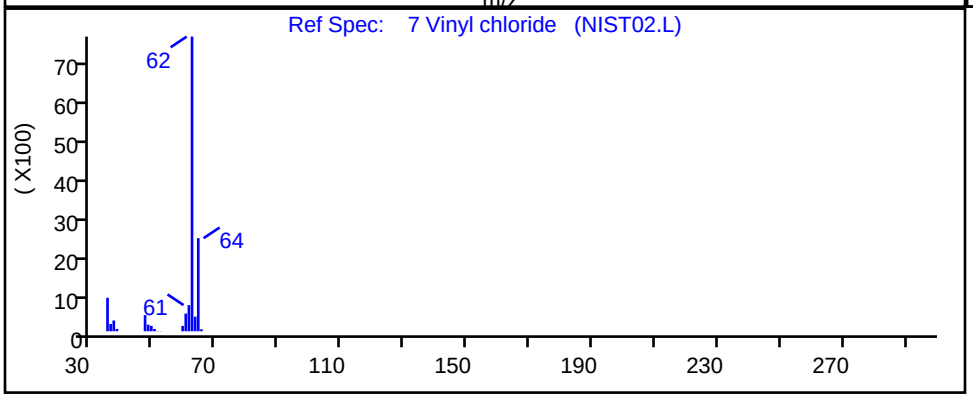
Processing Results











RT	Mass	Response	Amount
0.56	62.00	1833	0.474967
0.57	64.00	2531	

Reviewer: desais, 06-Oct-2021 11:48:42

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-8_20210929 Lab Sample ID: 460-244050-6

Matrix: Water Lab File ID: T56452.D

Analysis Method: 8260D Date Collected: 09/29/2021 15:25

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	55		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-8_20210929 Lab Sample ID: 460-244050-6

Matrix: Water Lab File ID: T56452.D

Analysis Method: 8260D Date Collected: 09/29/2021 15:25

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D
Lims ID: 460-244050-A-6
Client ID: MW-8_20210929
Sample Type: Client
Inject. Date: 06-Oct-2021 11:38:06 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-6
Misc. Info.: 460-0135560-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 12:26:49 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 12:26:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.518	1.517	0.001	95	42318	1000.0	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	75	323494	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	70	21599	6.92	
52 Chloroform	83	2.469	2.468	0.001	66	1460	0.2764	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	96	122882	49.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	142224	45.1	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	475109	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	93	14145	4.41	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	35289	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	98	455318	46.7	
88 Tetrachloroethene	166	5.431	5.425	0.006	91	139631	54.8	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	344162	50.0	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	124953	51.4	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	160625	50.0	
S 136 1,2-Dichloroethene, Total	100				0		6.92	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 12:28:12 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D

Injection Date: 06-Oct-2021 11:38:06 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-6 Lab Sample ID: 460-244050-6

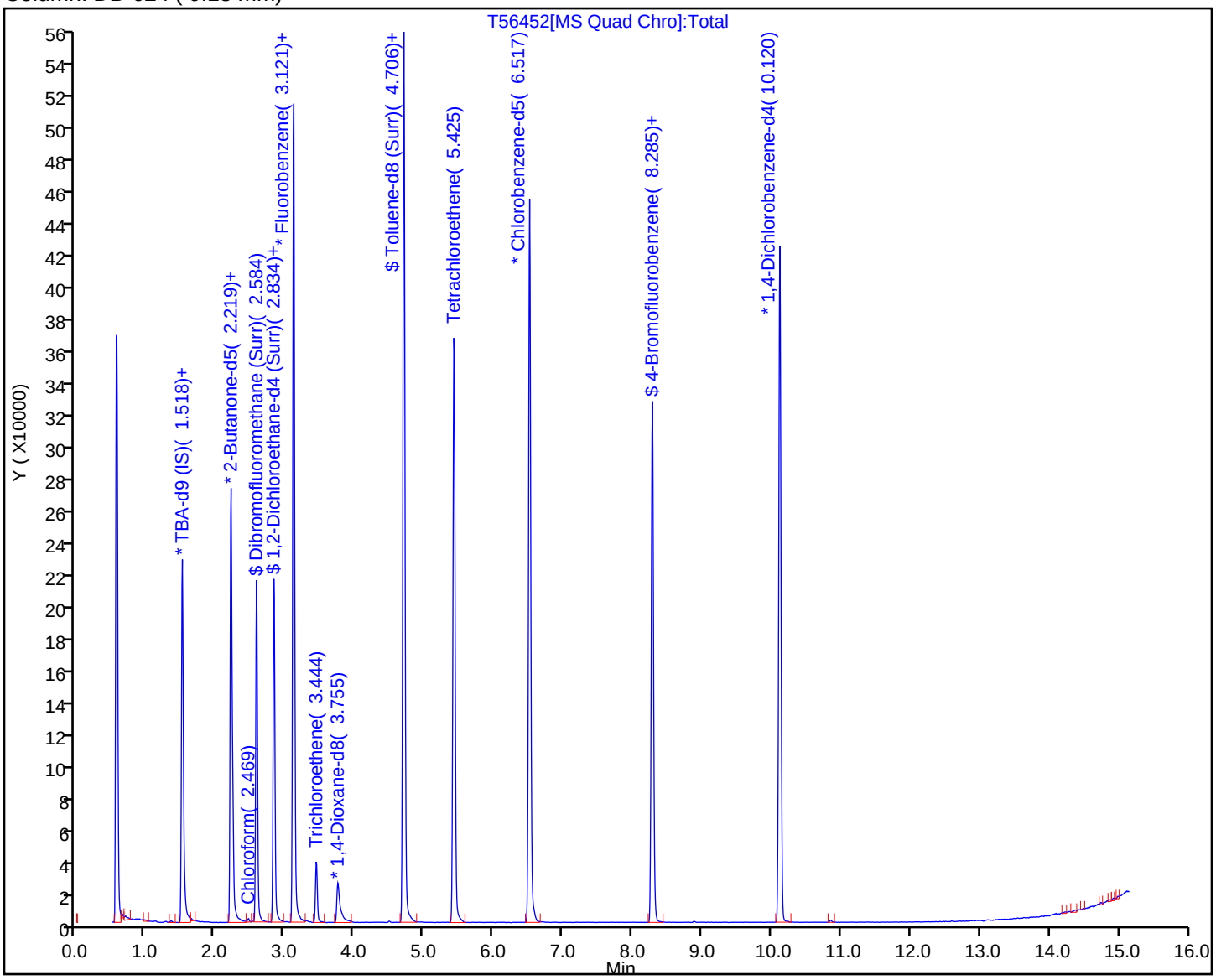
Client ID: MW-8_20210929

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

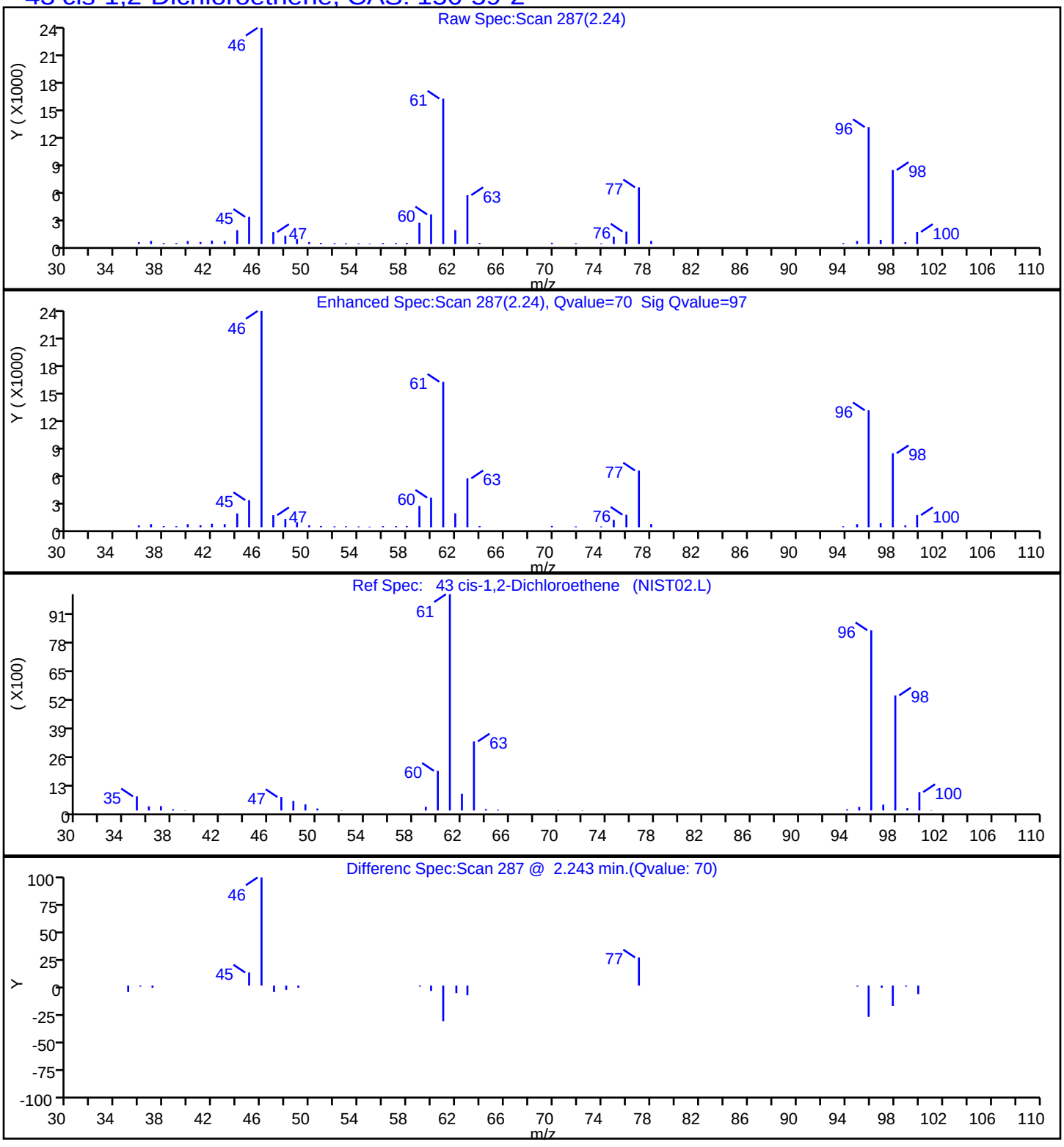
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D		
Injection Date:	06-Oct-2021 11:38:06	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-6	Lab Sample ID:	460-244050-6
Client ID:	MW-8_20210929		
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

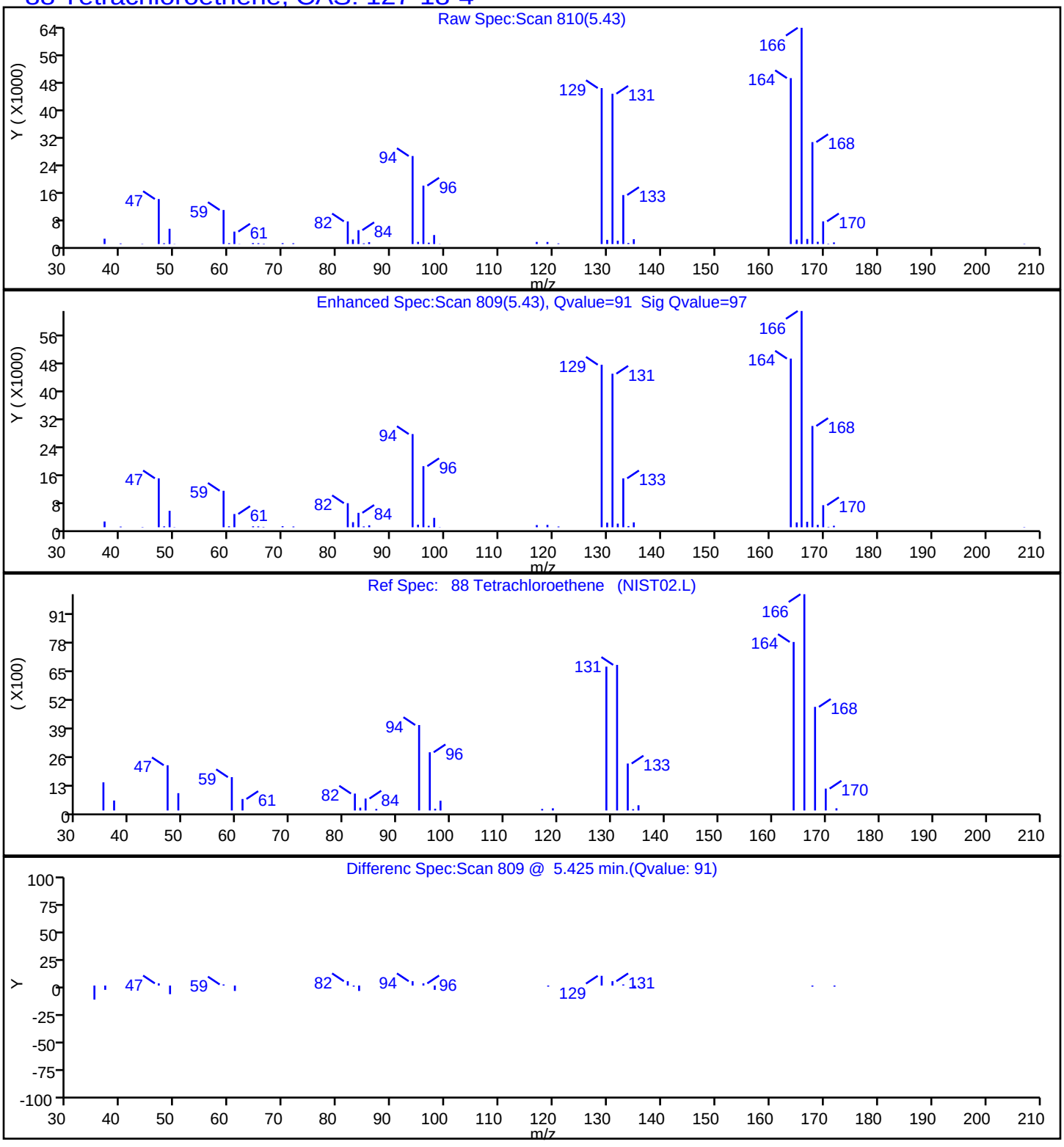
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D		
Injection Date:	06-Oct-2021 11:38:06	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-6	Lab Sample ID:	460-244050-6
Client ID:	MW-8_20210929		
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

88 Tetrachloroethene, CAS: 127-18-4



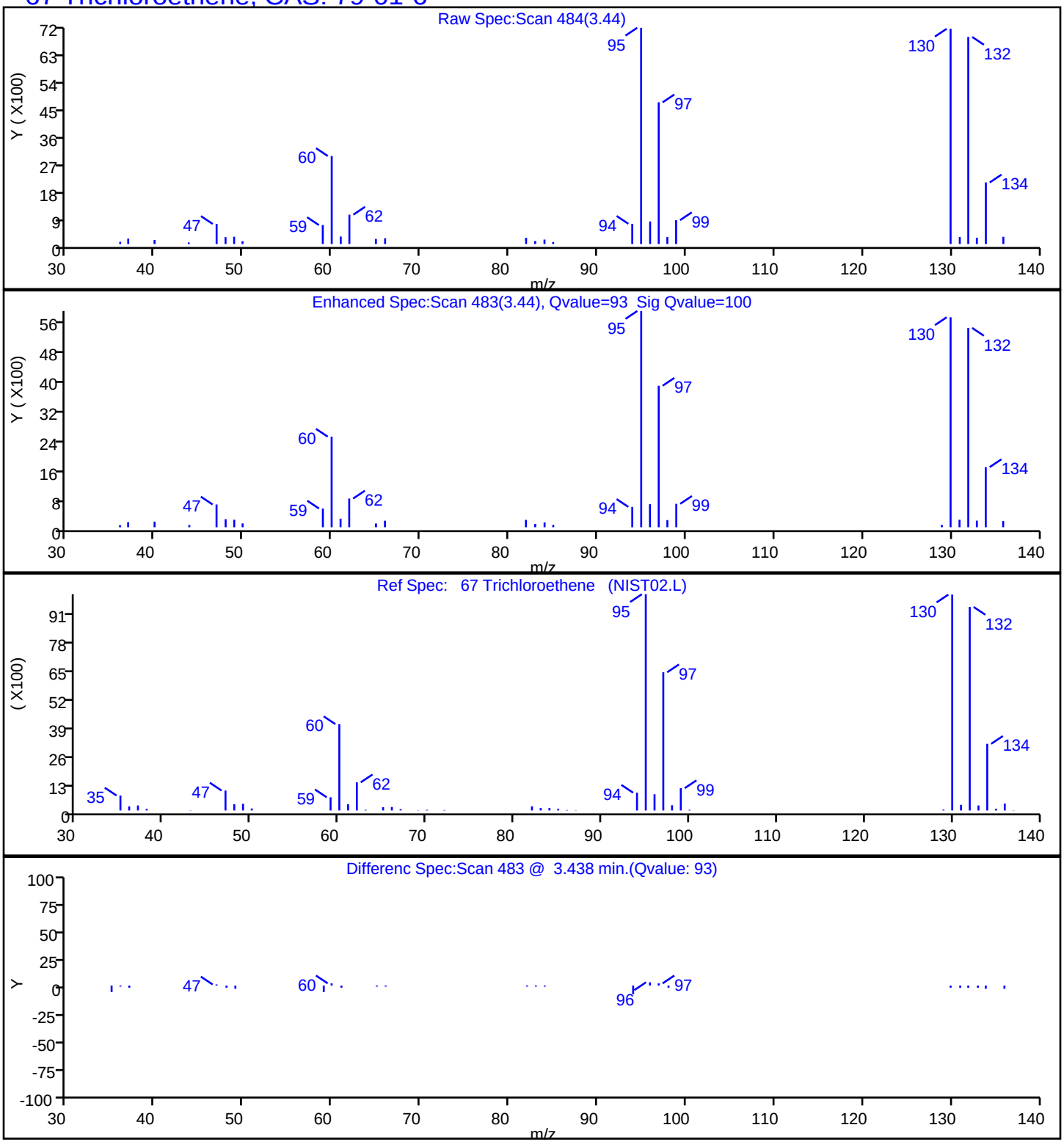
Report Date: 06-Oct-2021 12:28:12 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D

Injection Date:	06-Oct-2021 11:38:06	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-6	Lab Sample ID:	460-244050-6		
Client ID:	MW-8_20210929				
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		

67 Trichloroethene, CAS: 79-01-6



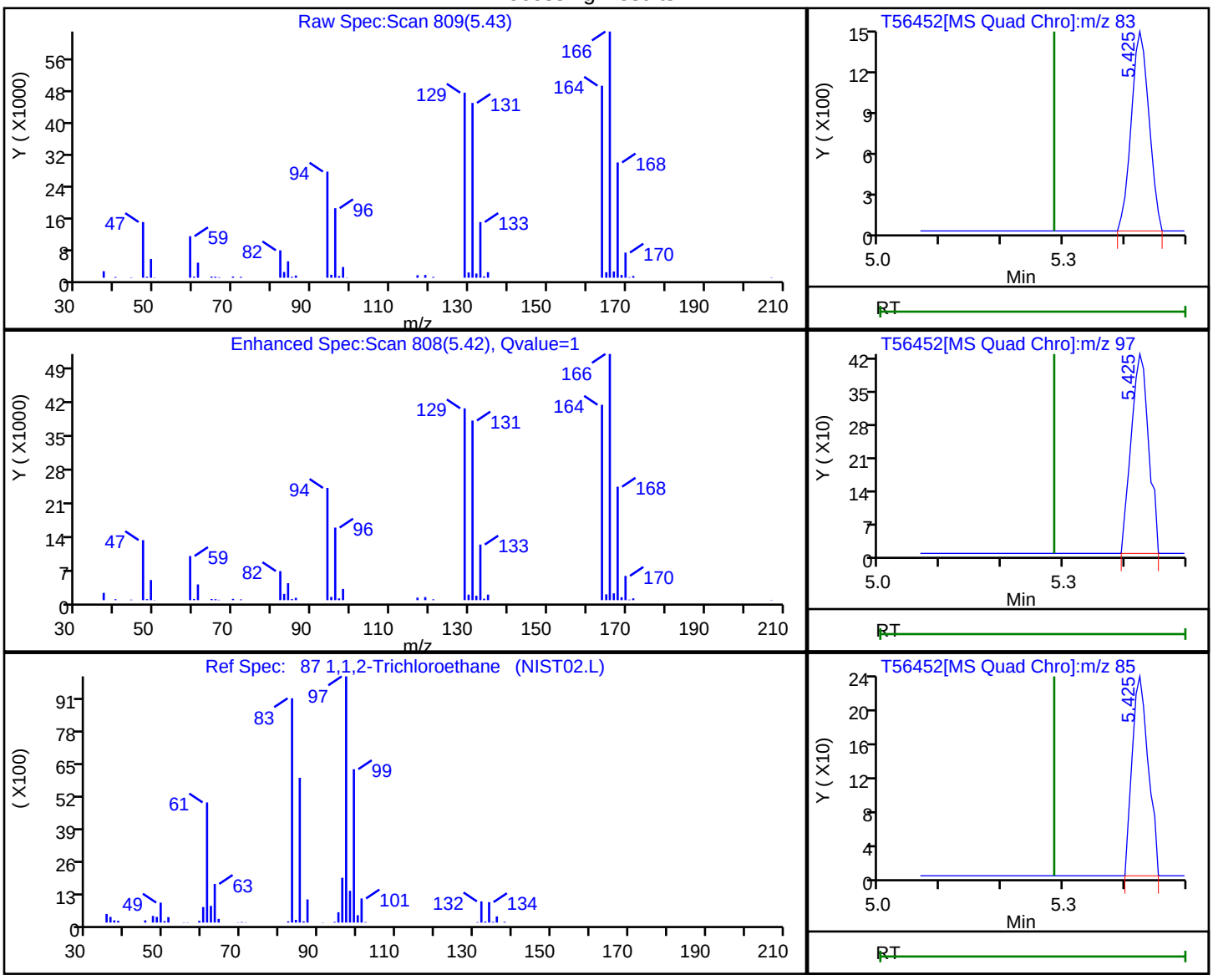
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D				
Injection Date:	06-Oct-2021 11:38:06	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-6	Lab Sample ID:	460-244050-6		
Client ID:	MW-8_20210929				
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		

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

Processing Results



RT	Mass	Response	Amount
5.43	83.00	2959	1.312224
5.43	97.00	850	
5.43	85.00	438	

Reviewer: desais, 06-Oct-2021 12:26:44

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

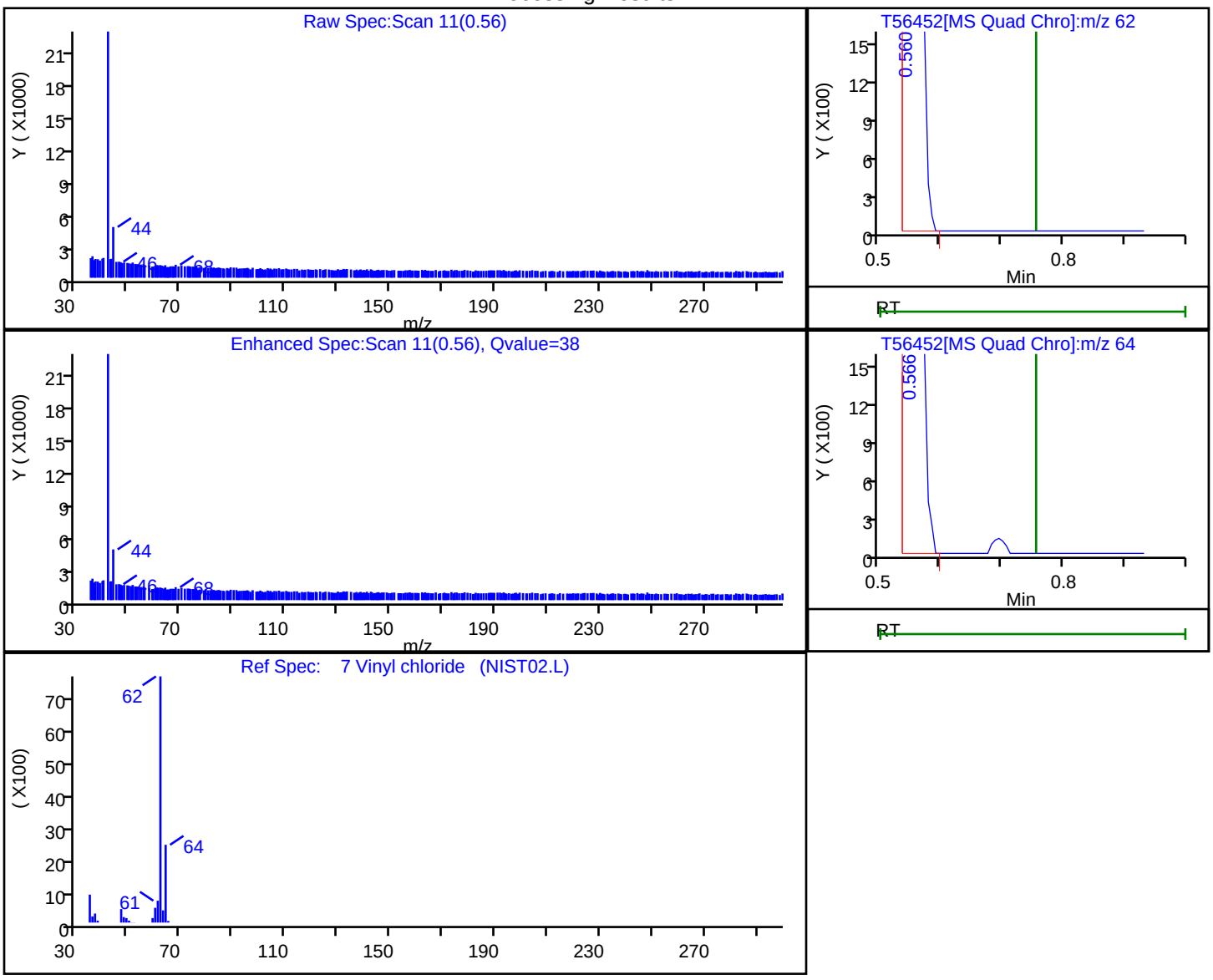
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56452.D				
Injection Date:	06-Oct-2021 11:38:06	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-6	Lab Sample ID:	460-244050-6		
Client ID:	MW-8_20210929				
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		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.56	62.00	3071	0.799494
0.57	64.00	2884	

Reviewer: desais, 06-Oct-2021 12:26:39

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-14_20210928 Lab Sample ID: 460-244050-7

Matrix: Water Lab File ID: T56453.D

Analysis Method: 8260D Date Collected: 09/28/2021 13:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:59

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	11		5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5		2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.67		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-14_20210928 Lab Sample ID: 460-244050-7

Matrix: Water Lab File ID: T56453.D

Analysis Method: 8260D Date Collected: 09/28/2021 13:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:59

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D
Lims ID: 460-244050-A-7
Client ID: MW-14_20210928
Sample Type: Client
Inject. Date: 06-Oct-2021 11:59:11 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-7
Misc. Info.: 460-0135560-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 16:01:05 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1617

First Level Reviewer: desais Date: 06-Oct-2021 12:27:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	0.755	0.755	0.000	30	1548	0.4122	
22 Acetone	43	1.286	1.286	0.000	84	9290	10.9	
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	93	40623	1000.0	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	68	1893	0.6712	
* 42 2-Butanone-d5	46	2.218	2.219	-0.001	55	299129	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	20	1489	0.4880	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	31	2945	2.52	a
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	121542	50.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	139254	45.2	
* 65 Fluorobenzene	96	3.121	3.121	0.000	98	464491	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	66	1392	0.4438	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	33587	1000.0	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.627	0.006	84	3328	1.39	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	446105	46.1	
88 Tetrachloroethene	166	5.431	5.425	0.006	62	770	0.3046	
* 94 Chlorobenzene-d5	117	6.516	6.517	0.000	85	341343	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	123692	51.3	
* 120 1,4-Dichlorobenzene-d4	152	10.119	10.120	-0.001	96	160215	50.0	
S 136 1,2-Dichloroethene, Total	100				0		1.16	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 16:01:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D

Injection Date: 06-Oct-2021 11:59:11 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-7 Lab Sample ID: 460-244050-7

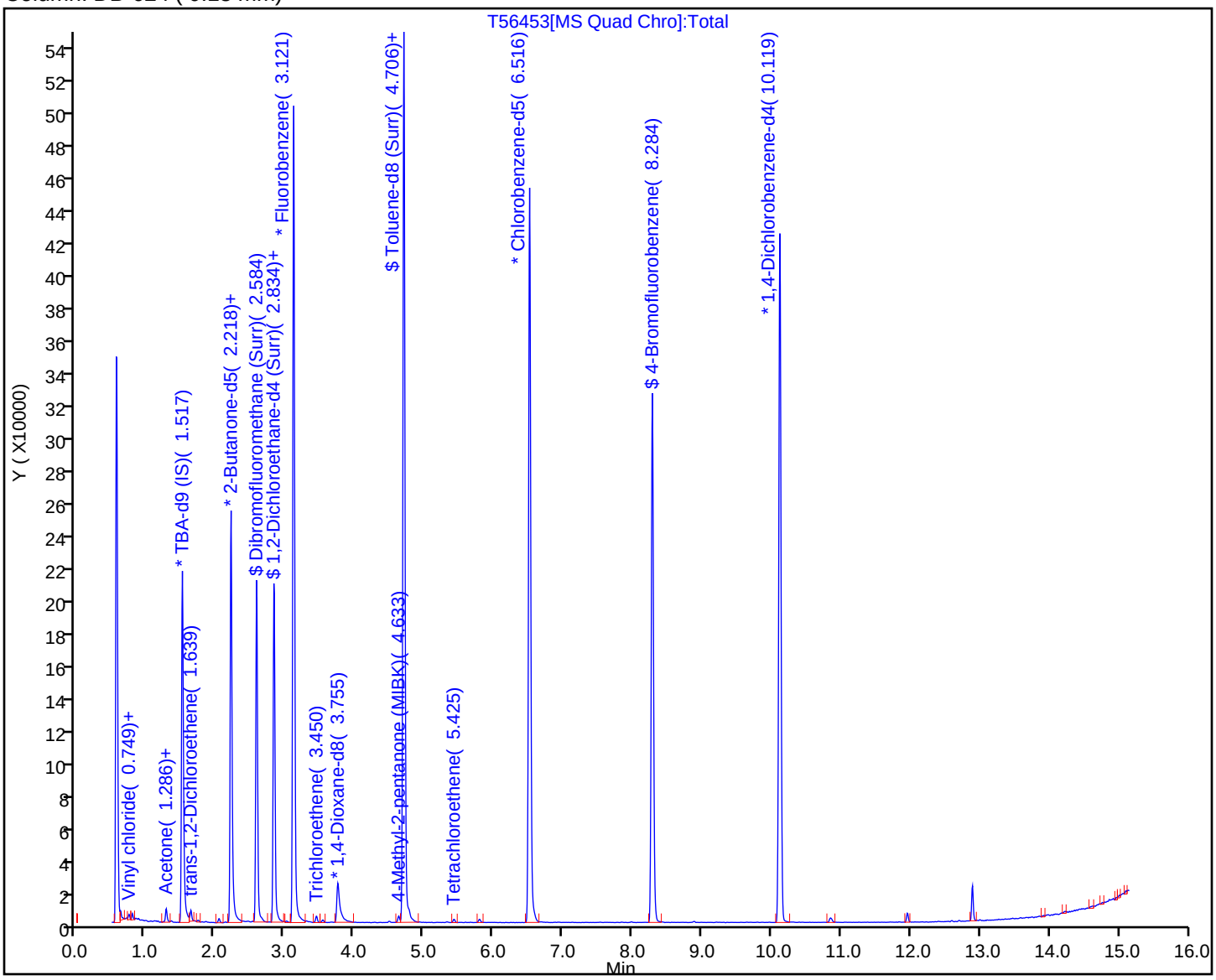
Client ID: MW-14_20210928

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

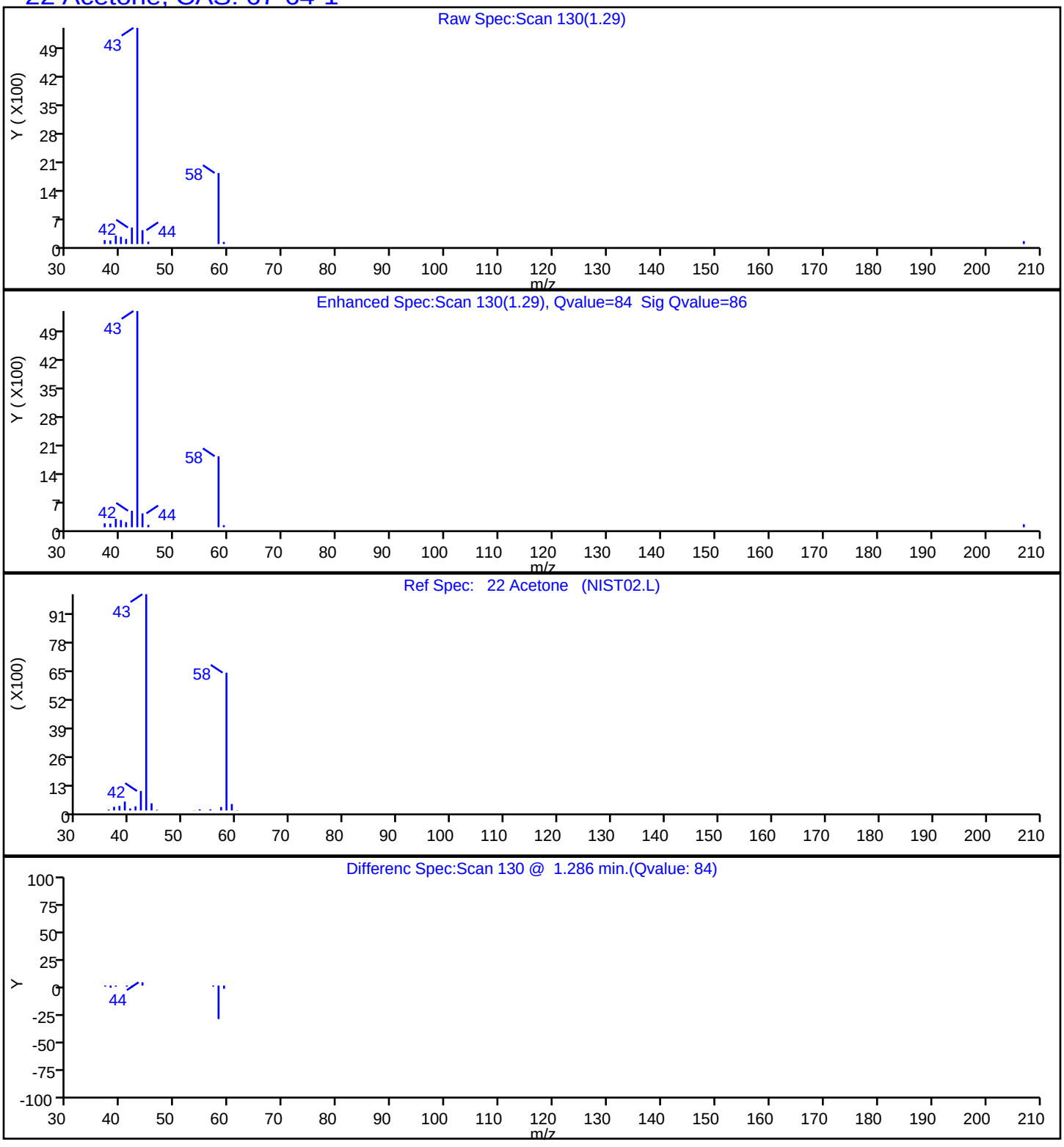
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D		
Injection Date:	06-Oct-2021 11:59:11	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-7	Lab Sample ID:	460-244050-7
Client ID:	MW-14_20210928		
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

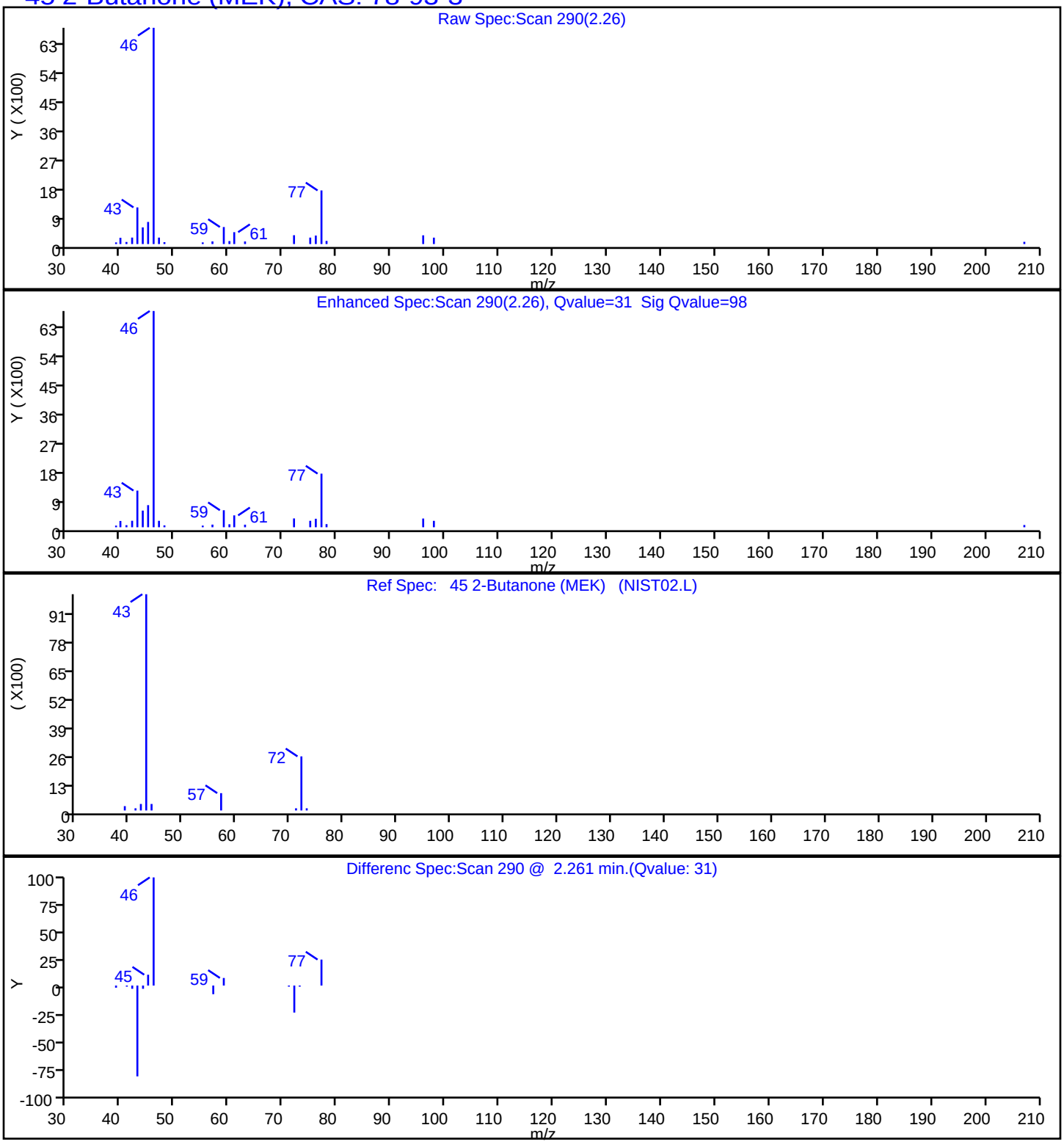
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D		
Injection Date:	06-Oct-2021 11:59:11	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-7	Lab Sample ID:	460-244050-7
Client ID:	MW-14_20210928		
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

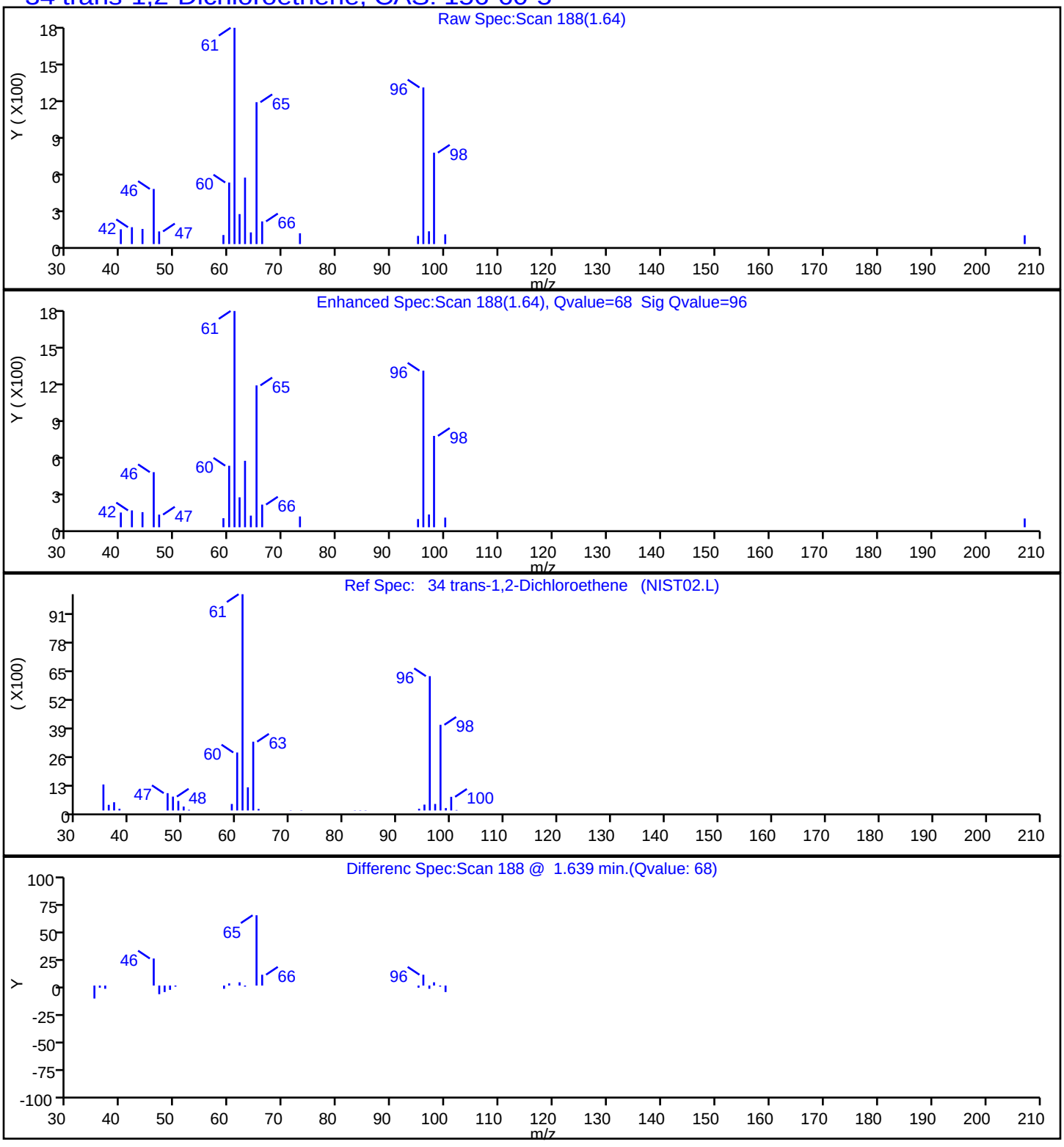
45 2-Butanone (MEK), CAS: 78-93-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D		
Injection Date:	06-Oct-2021 11:59:11	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-7	Lab Sample ID:	460-244050-7
Client ID:	MW-14_20210928		
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

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



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

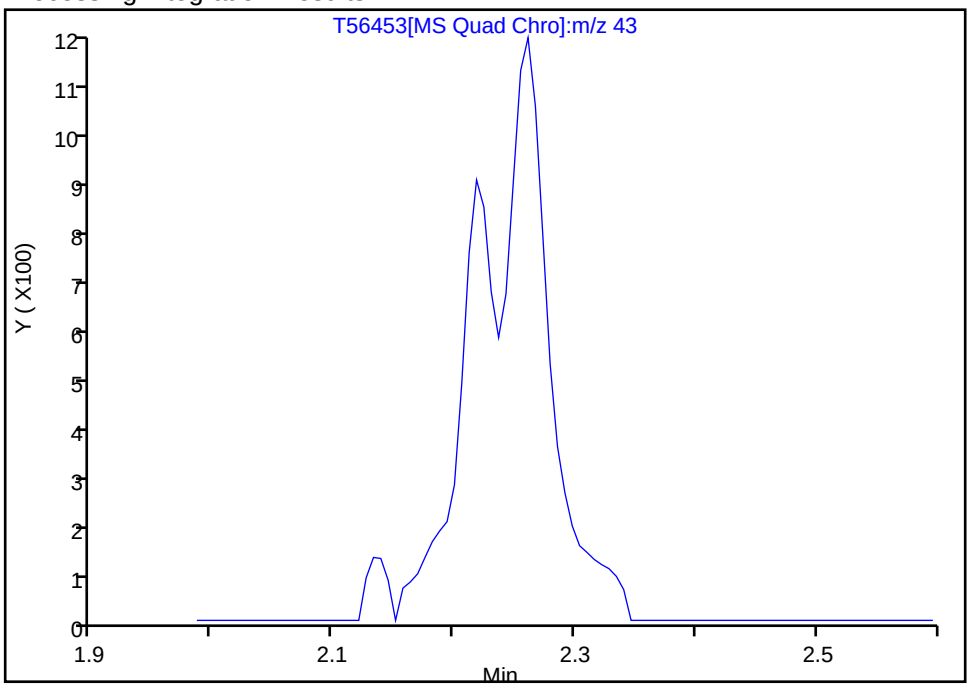
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56453.D				
Injection Date:	06-Oct-2021 11:59:11	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-7	Lab Sample ID:	460-244050-7		
Client ID:	MW-14_20210928				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

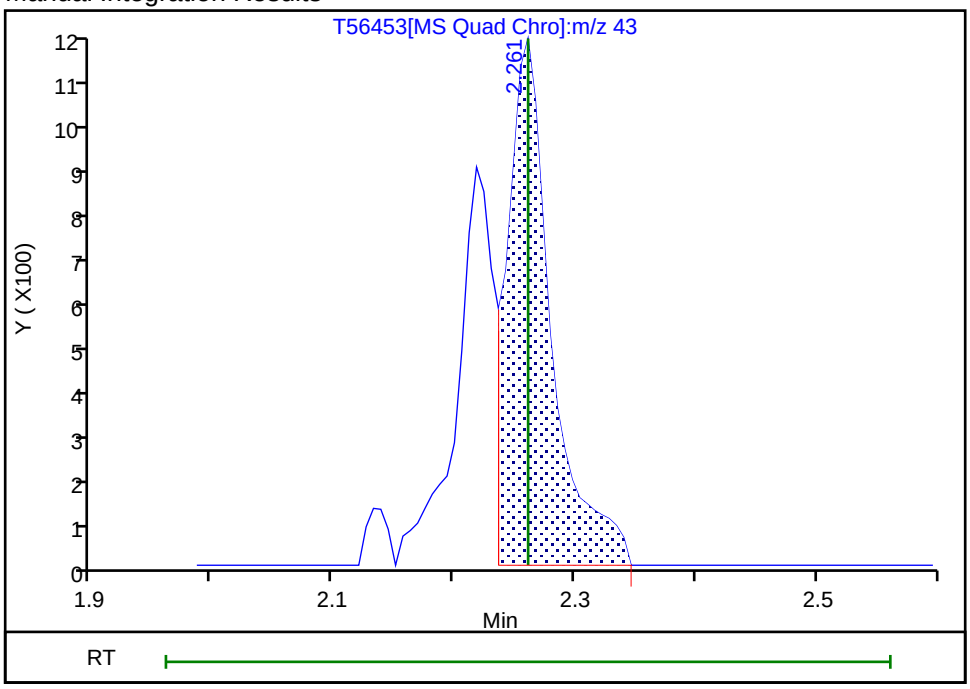
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 2945
Amount: 2.520104
Amount Units: ug/l



Reviewer: baronm, 06-Oct-2021 16:00:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-19_20210928 Lab Sample ID: 460-244050-8

Matrix: Water Lab File ID: T56454.D

Analysis Method: 8260D Date Collected: 09/28/2021 10:40

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 12:20

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	65		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	99		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	20		0.50	0.31
75-01-4	Vinyl chloride	2.0		0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-19_20210928 Lab Sample ID: 460-244050-8

Matrix: Water Lab File ID: T56454.D

Analysis Method: 8260D Date Collected: 09/28/2021 10:40

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 12:20

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D
Lims ID: 460-244050-A-8
Client ID: MW-19_20210928
Sample Type: Client
Inject. Date: 06-Oct-2021 12:20:19 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-8
Misc. Info.: 460-0135560-018
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 12:51:52 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 12:51:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	0.755	0.755	0.000	82	7449	1.99	
* 31 TBA-d9 (IS)	66	1.518	1.517	0.001	93	43600	1000.0	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	33	907	0.3220	
35 Methyl tert-butyl ether	73	1.646	1.645	0.001	92	2934	0.3832	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	80	327217	250.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	93	198302	65.1	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	119829	49.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	139248	45.2	
* 65 Fluorobenzene	96	3.121	3.121	0.000	98	463950	50.0	
67 Trichloroethene	95	3.444	3.444	0.000	94	64175	20.5	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	36224	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	98	447819	46.7	
88 Tetrachloroethene	166	5.431	5.425	0.006	91	248796	99.3	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	338320	50.0	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	125038	52.4	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	161382	50.0	
S 136 1,2-Dichloroethene, Total	100				0		65.4	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 12:51:54 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D

Injection Date: 06-Oct-2021 12:20:19 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-8 Lab Sample ID: 460-244050-8

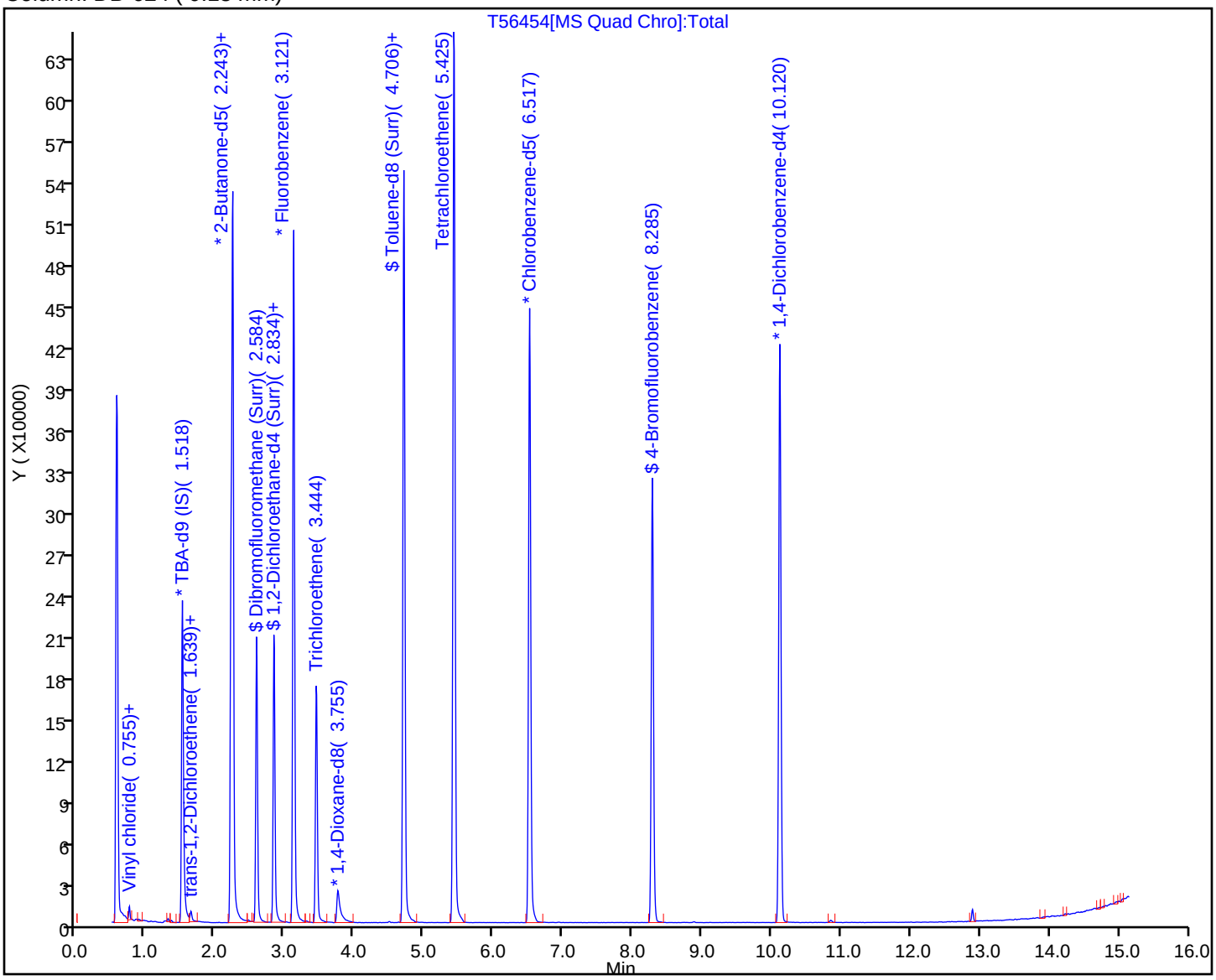
Client ID: MW-19_20210928

Operator ID: ALS Bottle#: 0 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

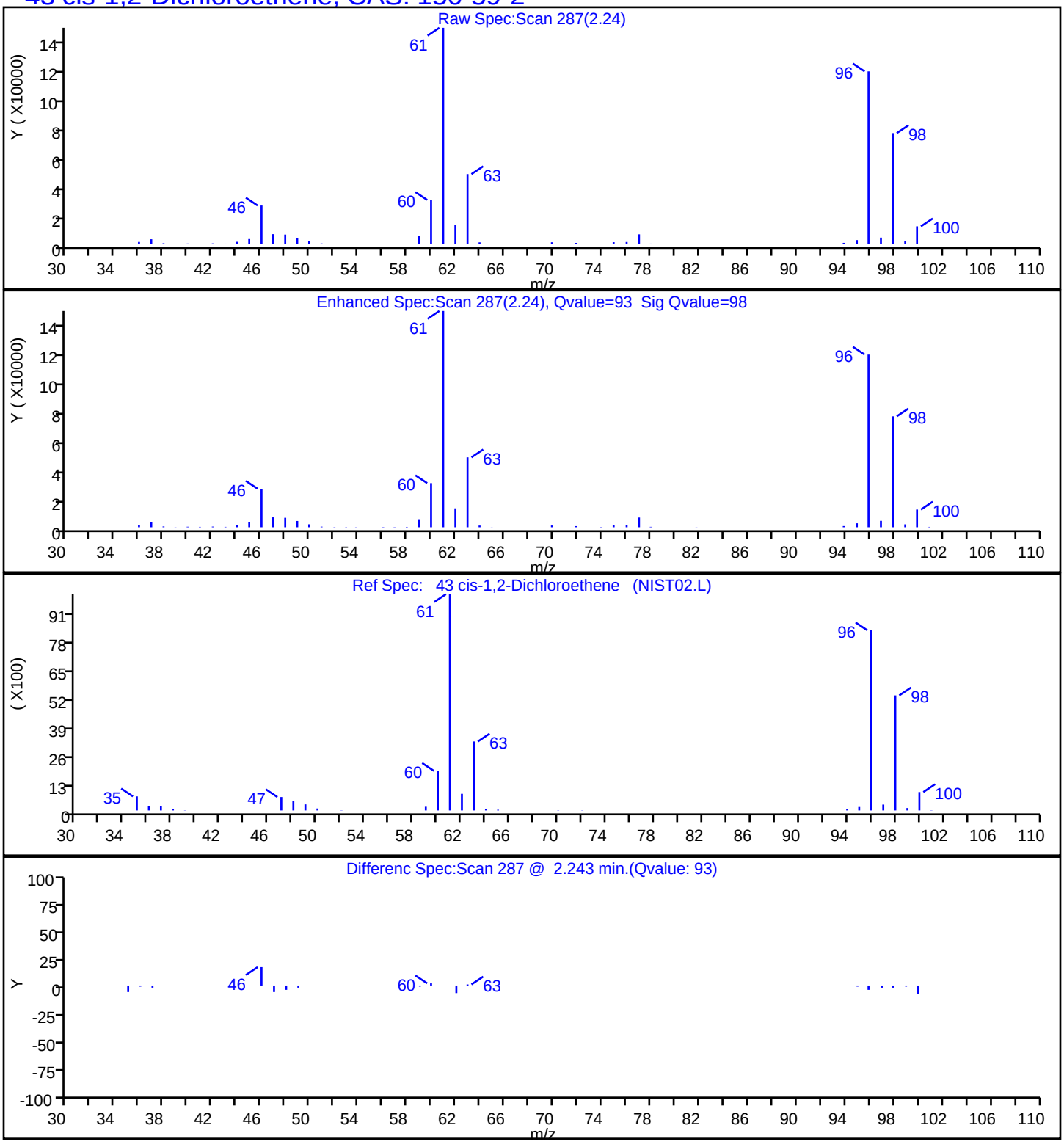
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D		
Injection Date:	06-Oct-2021 12:20:19	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-8	Lab Sample ID:	460-244050-8
Client ID:	MW-19_20210928		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

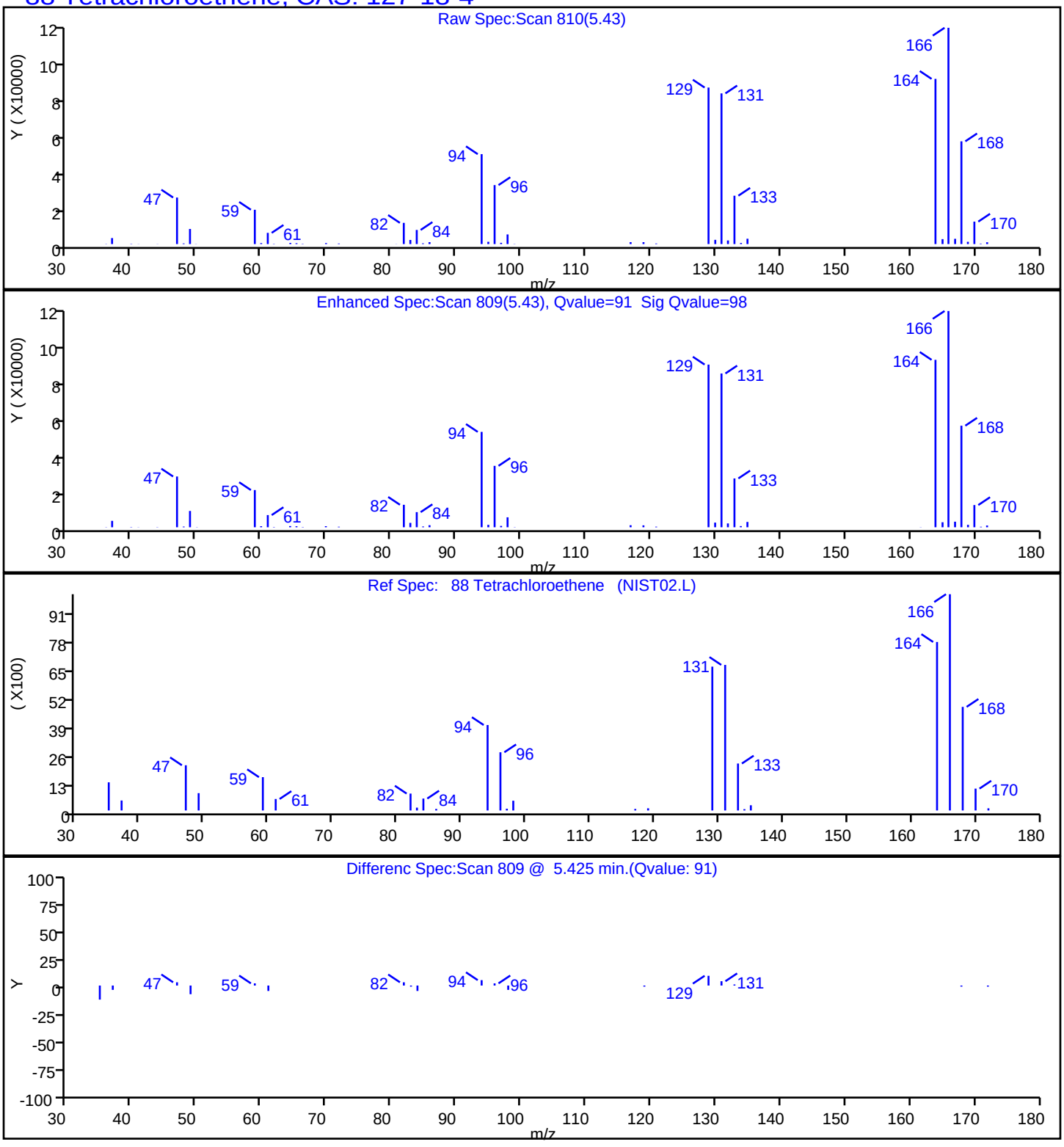
43 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D		
Injection Date:	06-Oct-2021 12:20:19	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-8	Lab Sample ID:	460-244050-8
Client ID:	MW-19_20210928		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

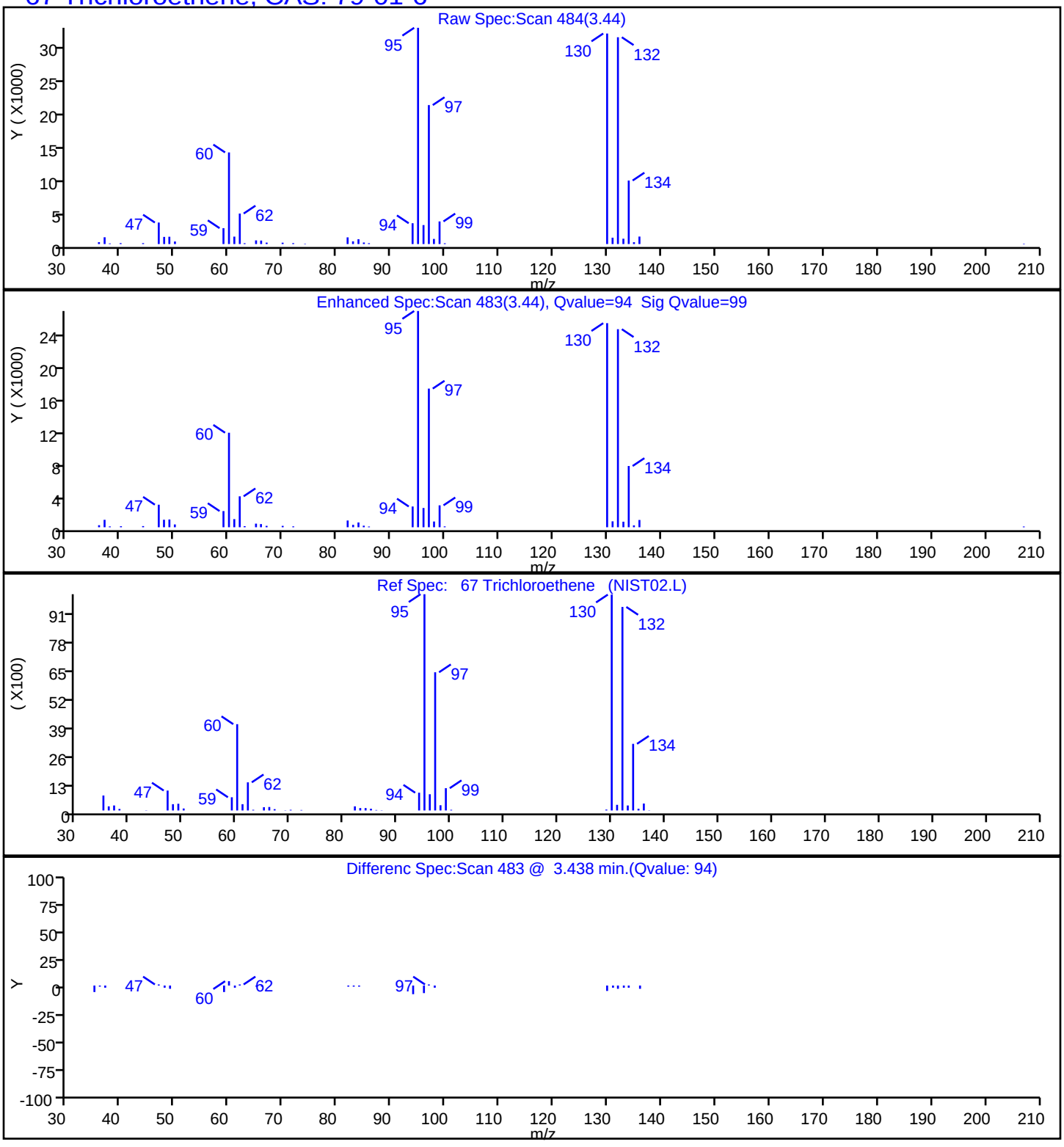
88 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D		
Injection Date:	06-Oct-2021 12:20:19	Instrument ID:	CVOAMS15
Lims ID:	460-244050-A-8	Lab Sample ID:	460-244050-8
Client ID:	MW-19_20210928		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

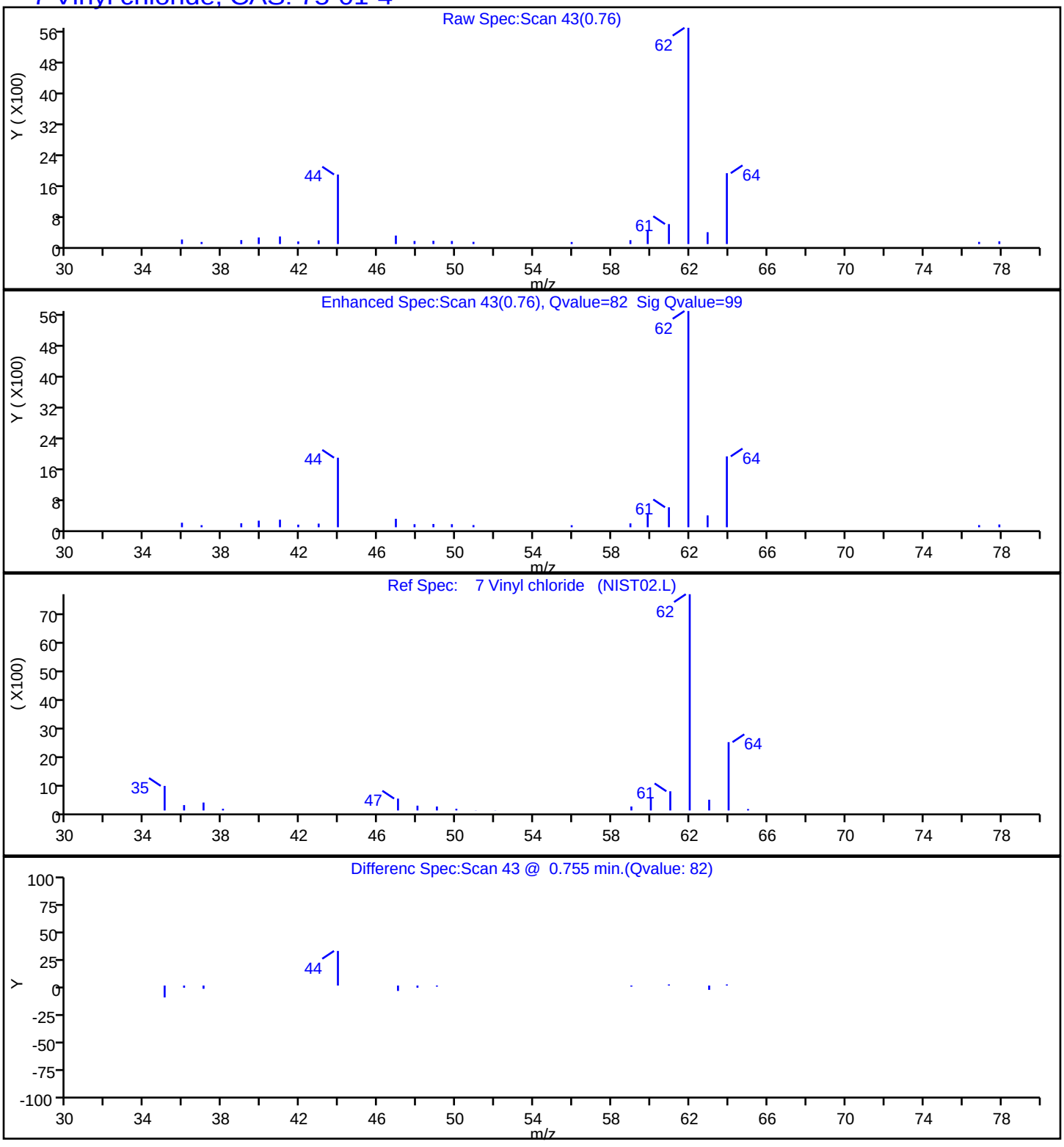
67 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D				
Injection Date:	06-Oct-2021 12:20:19	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-8	Lab Sample ID:	460-244050-8		
Client ID:	MW-19_20210928				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 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



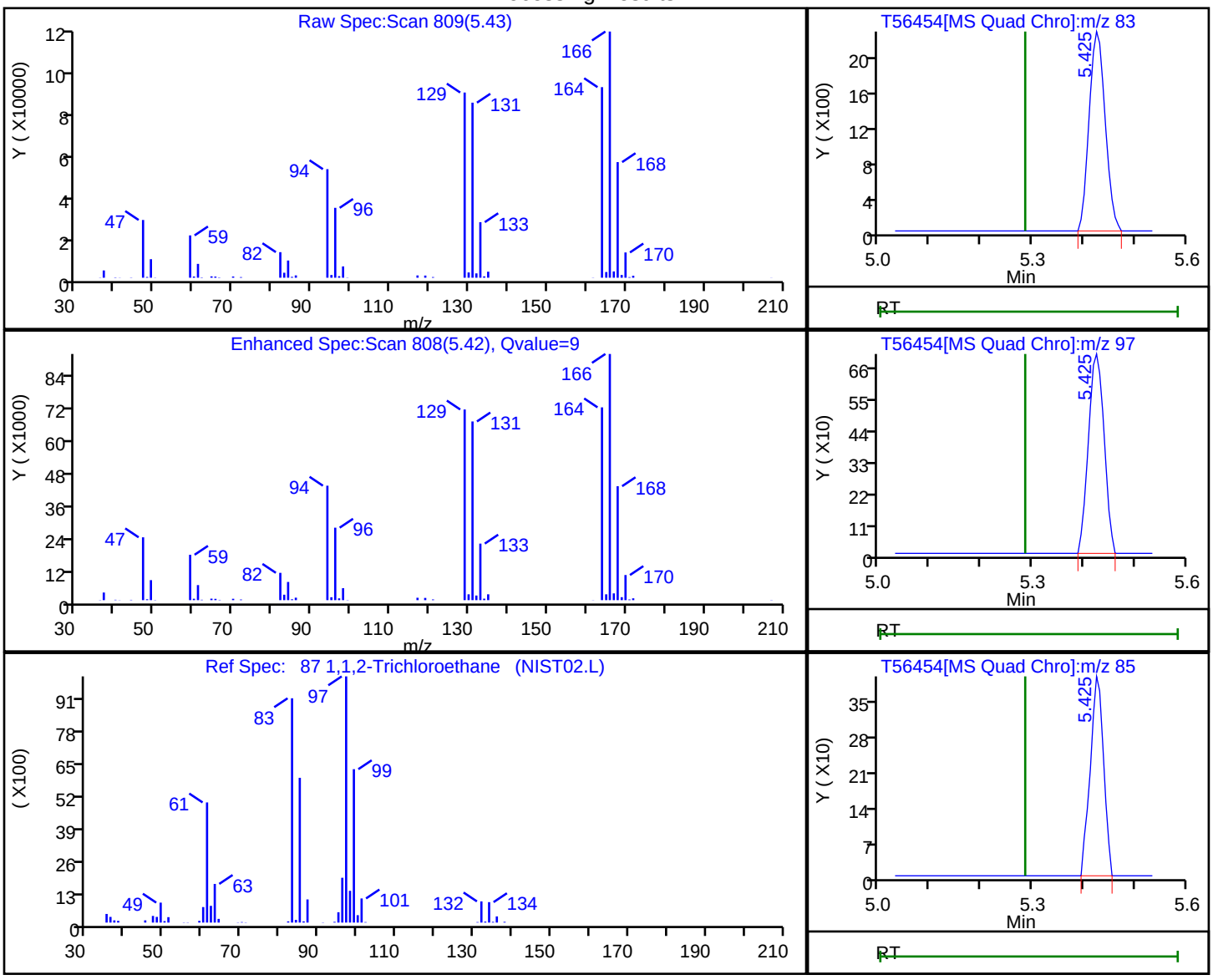
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56454.D				
Injection Date:	06-Oct-2021 12:20:19	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-8	Lab Sample ID:	460-244050-8		
Client ID:	MW-19_20210928				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 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
5.43	83.00	4960	2.237588
5.43	97.00	1503	
5.43	85.00	724	

Reviewer: desais, 06-Oct-2021 12:50:59

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: FB_20210929 Lab Sample ID: 460-244050-9

Matrix: Water Lab File ID: T56445.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:50

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: FB_20210929 Lab Sample ID: 460-244050-9

Matrix: Water Lab File ID: T56445.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:50

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56445.D
Lims ID: 460-244050-A-9
Client ID: FB_20210929
Sample Type: Client
Inject. Date: 06-Oct-2021 09:10:25 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-9
Misc. Info.: 460-0135560-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 15:57:13 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1617

First Level Reviewer: desais Date: 06-Oct-2021 09:33:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.518	1.517	0.001	93	42593	1000.0	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	46	316804	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	125867	49.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	142960	44.1	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	488383	50.0	
* 73 1,4-Dioxane-d8	96	3.761	3.761	0.000	1	33982	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	469153	47.3	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	350080	50.0	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	130285	52.7	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	163839	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 15:57:34 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56445.D

Injection Date: 06-Oct-2021 09:10:25 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-9 Lab Sample ID: 460-244050-9

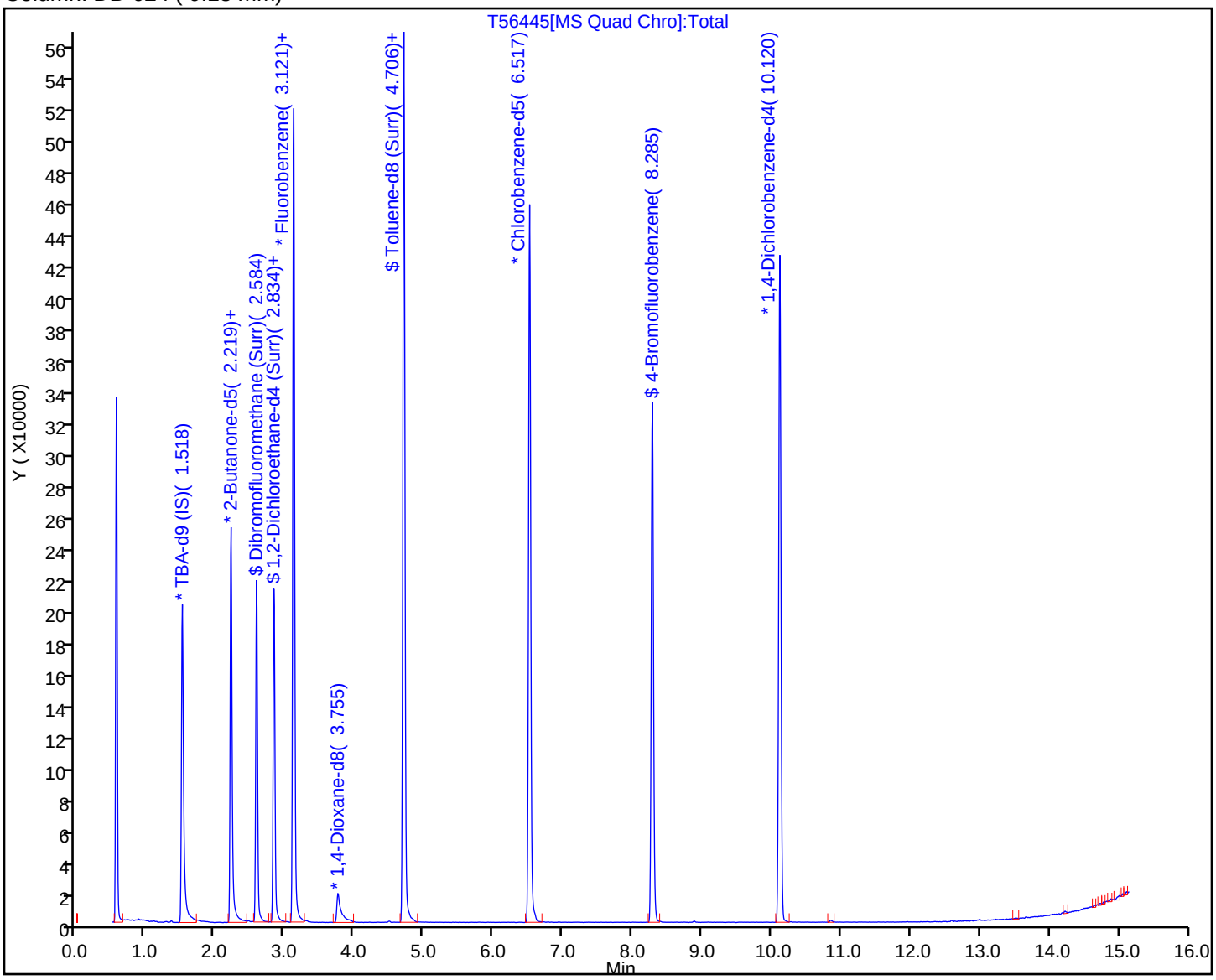
Client ID: FB_20210929

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)



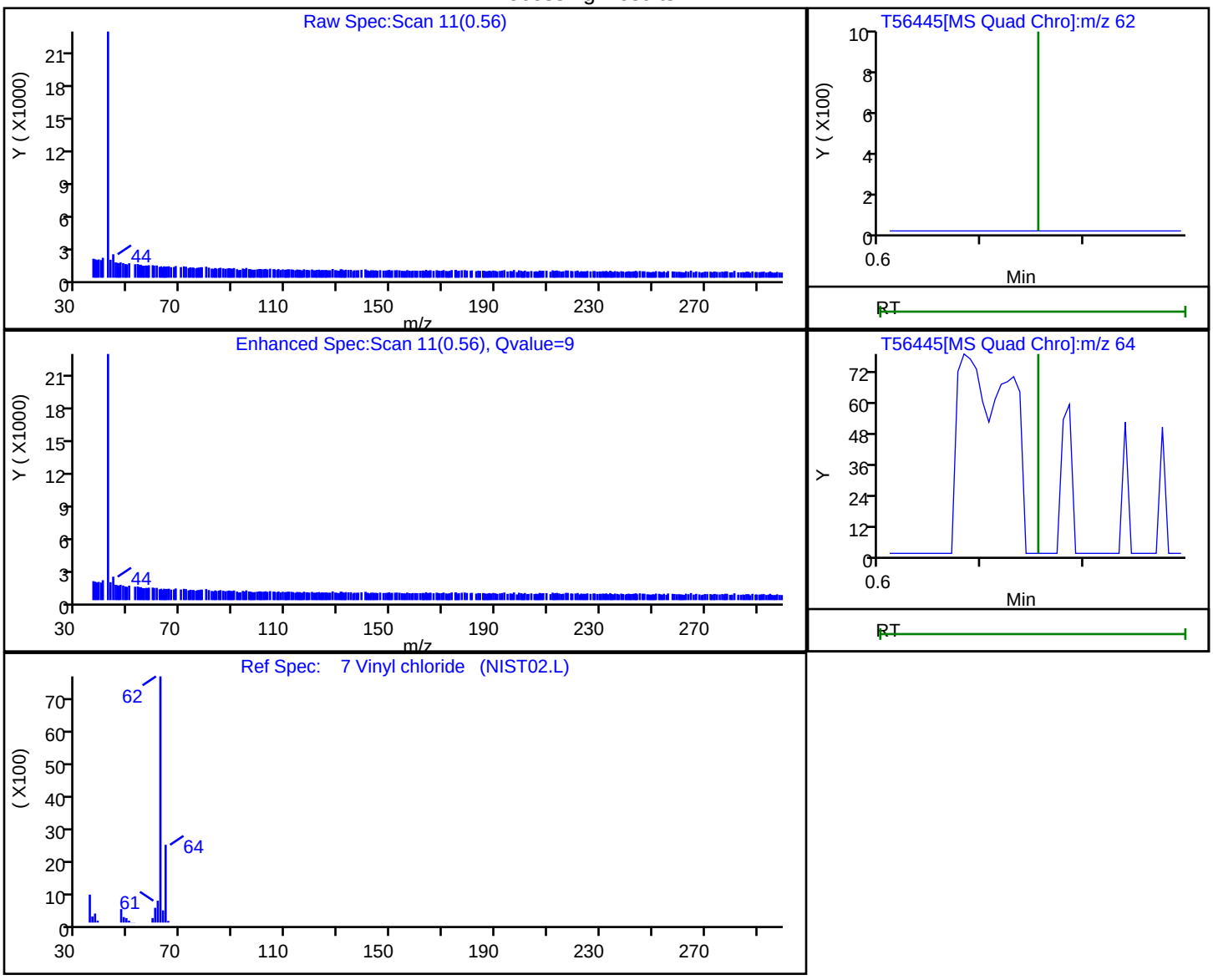
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56445.D				
Injection Date:	06-Oct-2021 09:10:25	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-9	Lab Sample ID:	460-244050-9		
Client ID:	FB_20210929				
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		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.56	62.00	1899	0.480942
0.56	64.00	1842	

Reviewer: desais, 06-Oct-2021 09:33:05

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: TB_20210929 Lab Sample ID: 460-244050-10

Matrix: Water Lab File ID: T56446.D

Analysis Method: 8260D Date Collected: 09/29/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U *	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: TB_20210929 Lab Sample ID: 460-244050-10

Matrix: Water Lab File ID: T56446.D

Analysis Method: 8260D Date Collected: 09/29/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56446.D
Lims ID: 460-244050-A-10
Client ID: TB_20210929
Sample Type: Client
Inject. Date: 06-Oct-2021 09:31:38 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-10
Misc. Info.: 460-0135560-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 13:28:41 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 11:48:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.517	0.000	93	43660	1000.0	
* 42 2-Butanone-d5	46	2.218	2.219	-0.001	46	316218	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	96	124377	49.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	143458	44.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	482184	50.0	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	35754	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	464611	47.1	
* 94 Chlorobenzene-d5	117	6.516	6.517	0.000	85	347726	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	126423	51.5	
* 120 1,4-Dichlorobenzene-d4	152	10.119	10.120	-0.001	96	159981	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 13:28:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56446.D

Injection Date: 06-Oct-2021 09:31:38 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-10 Lab Sample ID: 460-244050-10

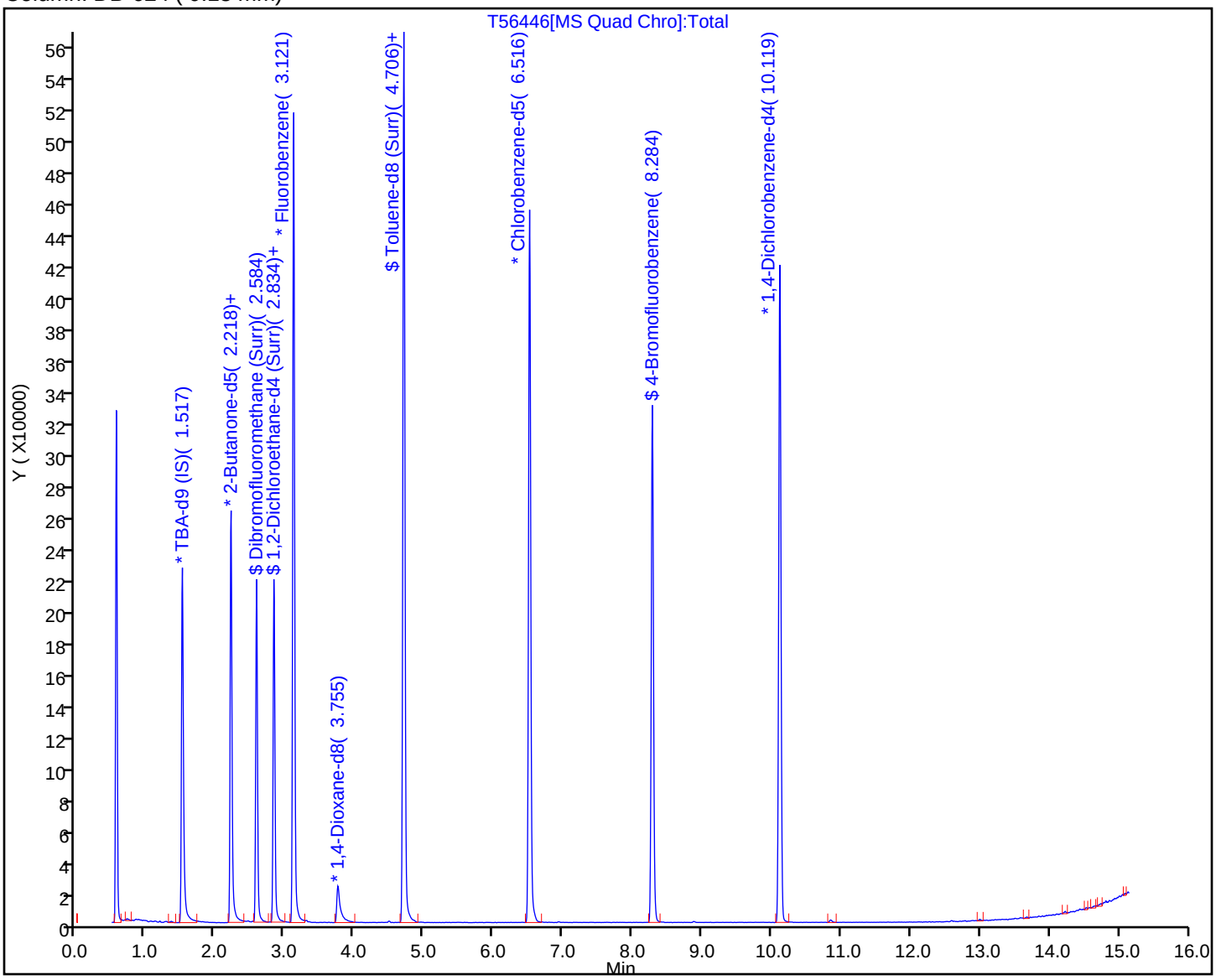
Client ID: TB_20210929

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)



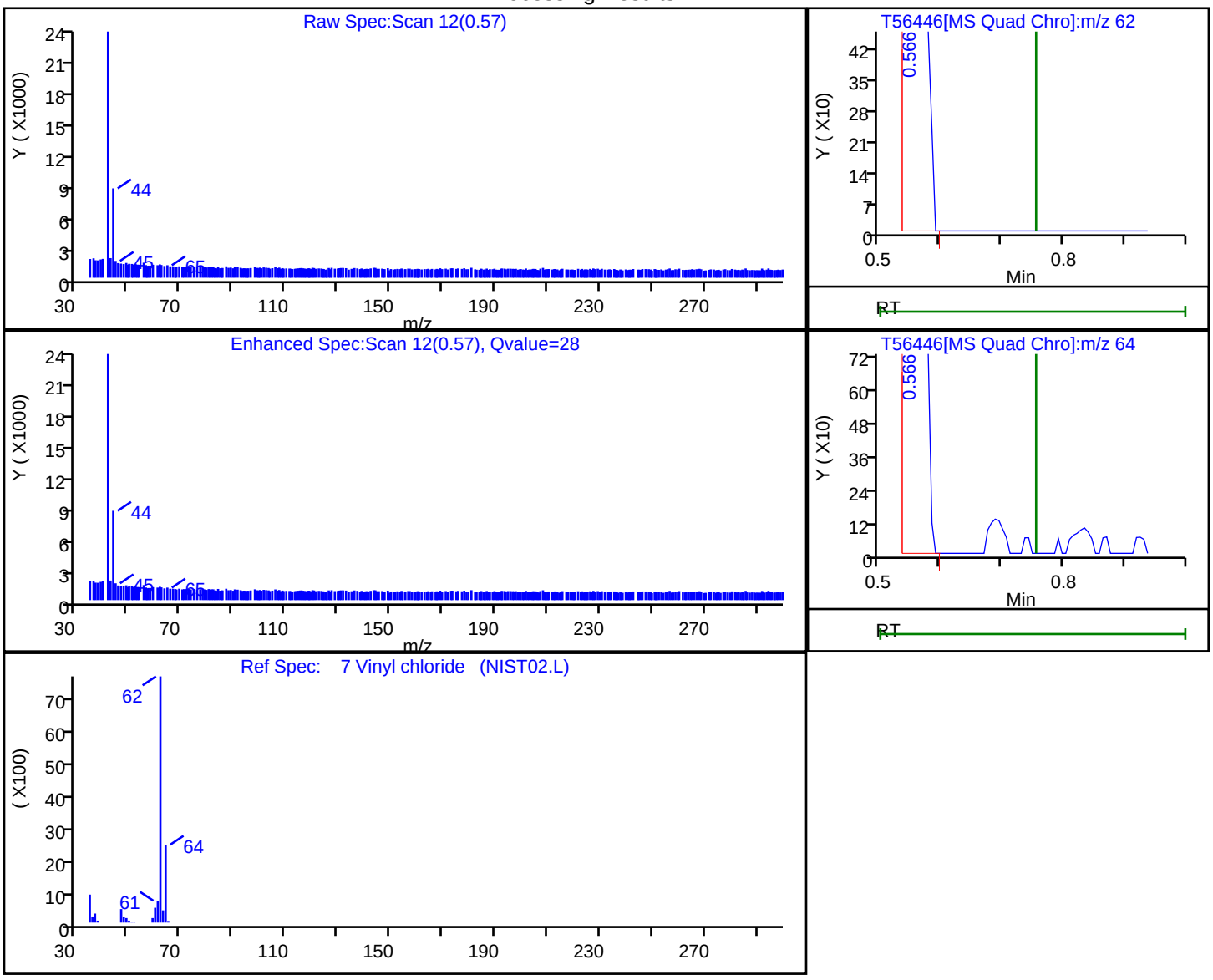
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56446.D				
Injection Date:	06-Oct-2021 09:31:38	Instrument ID:	CVOAMS15		
Lims ID:	460-244050-A-10	Lab Sample ID:	460-244050-10		
Client ID:	TB_20210929				
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		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.57	62.00	3297	0.845736
0.57	64.00	1844	

Reviewer: desais, 06-Oct-2021 11:48:55

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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-795604/3	T53994.D
Level 2	STD05 460-795604/4	T53995.D
Level 3	STD1 460-795604/5	T53996.D
Level 4	STD5 460-795604/6	T53997.D
Level 5	STD20 460-795604/7	T53998.D
Level 6	STD50 460-795604/8	T53999.D
Level 7	STD200 460-795604/9	T54000.D
Level 8	STD500 460-795604/10	T54001.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Monochloropentafluoroethane	+++++ 0.0152	+++++ 0.0113	+++++ 0.0126	0.0143	0.0152	Ave		0.0137				12.5		20.0			
Chlorotrifluoroethene	+++++ 0.1201	0.0807 0.1040	0.1052 0.1050	0.1222	0.1127	Ave		0.1071				12.9		20.0			
1,1-Difluoroethane	+++++ 0.1715	0.1867 0.1557	0.1783 0.1525	0.1693	0.1689	Ave		0.1690				7.1		20.0			
Dichlorodifluoromethane	+++++ 0.4028	0.2957 0.3989	0.3926 0.3928	0.4215	0.3857	Ave		0.3843			0.1000	10.6		20.0			
Chlorodifluoromethane	+++++ 0.0659	0.0688 0.0633	0.0636 0.0638	0.0699	0.0638	Ave		0.0656				4.2		20.0			
Chloromethane	+++++ 0.3817	0.4356 0.4076	0.4077 0.4419	0.3868	0.3701	Ave		0.4045			0.1000	6.7		20.0			
Vinyl chloride	+++++ 0.4059	0.4256 0.3972	0.4128 0.3674	0.4216	0.3991	Ave		0.4042			0.1000	4.8		20.0			
Butadiene	0.3371 0.3369	0.3420 0.3245	0.3705 0.2973	0.3667	0.3343	Ave		0.3387				6.8		20.0			
Bromomethane	+++++ 0.5124	1.1730 0.8238	1.1419 0.5644	0.9315	0.6979	QuaF		0.9300	-0.000727		0.1000				0.9940		0.9900
Chloroethane	+++++ 0.8097	1.6964 1.0877	1.6387 0.6004	1.6007	1.2230	QuaF		1.3382	-0.001471		0.1000				0.9930		0.9900
Dichlorofluoromethane	+++++ 0.4737	0.5673 0.4759	0.5831 +++++	0.5665	0.5180	Ave		0.5307				9.1		20.0			
Trichlorofluoromethane	+++++ 0.3633	0.3733 0.3795	0.4176 0.3295	0.4343	0.3869	Ave		0.3835			0.1000	9.0		20.0			
Pentane	+++++ 0.0398	0.0351 0.0405	0.0396 0.0309	0.0457	0.0411	Ave		0.0390				12.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Ethanol	+++++ 0.3779	0.3948 0.3137	0.4654 +++++	0.4342	0.3950	Ave		0.3968				13.0		20.0			
Ethyl ether	+++++ 0.2520	0.2440 0.2326	0.2647 0.1844	0.2627	0.2569	Ave		0.2425				11.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2437	0.2426 0.2280	0.2581 0.1932	0.2590	0.2460	Ave		0.2387				9.5		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2760	0.3088 0.2721	0.2970 0.2235	0.2985	0.2832	Ave		0.2799				10.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4570	0.4568 0.4295	0.4935 0.3981	0.4830	0.4523	Ave		0.4529				7.1		20.0			
Acrolein	+++++ 13.328	14.148 12.545	14.164 +++++	14.076	12.906	Ave		13.528				5.2		20.0			
1,1-Dichloroethene	+++++ 0.2742	0.2968 0.2622	0.2840 0.2345	0.2813	0.2808	Ave		0.2734			0.1000	7.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2660	0.2256 0.2677	0.2437 0.2367	0.2889	0.2719	Ave		0.2572			0.1000	8.7		20.0			
Acetone	+++++ 0.6443	0.8924 0.7379	0.7586 0.6443	0.6724	0.6242	Ave		0.7106			0.0500	13.3		20.0			
Iodomethane	+++++ 0.2905	0.1367 0.2719	0.1646 0.1935	0.1797	0.2570	QuaF		0.3197	-0.000252						1.0000		0.9900
Carbon disulfide	+++++ 0.9656	1.0203 0.9479	1.0377 0.8587	0.9998	0.9833	Ave		0.9733			0.1000	6.1		20.0			
Isopropyl alcohol	+++++ 4.4087	6.0696 4.0498	5.1672 +++++	4.8704	4.1474	Ave		4.7855				15.9		20.0			
Acetonitrile	+++++ 0.1874	0.1698 0.1722	0.1939 0.1476	0.1951	0.1906	Ave		0.1795				9.7		20.0			
3-Chloro-1-propene	+++++ 0.2232	0.1911 0.1785	0.2031 0.1624	0.2240	0.2305	Ave		0.2018				12.8		20.0			
Methyl acetate	+++++ 0.2298	0.2438 0.2227	0.2296 0.2112	0.2377	0.2399	Ave		0.2307			0.1000	4.8		20.0			
Methylene Chloride	+++++ 0.3180	0.4203 0.3117	0.3593 0.2845	0.3302	0.3236	Ave		0.3354			0.1000	13.0		20.0			
2-Methyl-2-propanol	+++++ 6.7385	8.5583 6.3488	8.4007 +++++	7.5428	6.8240	Ave		7.4022				12.4		20.0			
Acrylonitrile	0.1201 0.1235	0.1169 0.1150	0.1220 0.1005	0.1296	0.1292	Ave		0.1196				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
trans-1,2-Dichloroethene	+++++ 0.3088	0.3229 0.2860	0.3214 0.2523	0.3188	0.3149	Ave		0.3036			0.1000	8.5		20.0			
Methyl tert-butyl ether	+++++ 0.8683	0.8058 0.8068	0.8439 0.7123	0.8680	0.8713	Ave		0.8252			0.1000	6.9		20.0			
Hexane	+++++ 0.3838	0.2954 0.3793	0.3416 0.3458	0.3811	0.3618	Ave		0.3555				8.9		20.0			
1,1-Dichloroethane	+++++ 0.6190	0.6197 0.6035	0.6429 0.5544	0.6459	0.6190	Ave		0.6149			0.2000	5.0		20.0			
Vinyl acetate	+++++ 0.4738	0.3896 0.4879	0.4056 0.4761	0.4940	0.4700	Ave		0.4567				9.1		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2966	0.2881 0.2826	0.3074 0.2477	0.2994	0.3078	Ave		0.2899				7.2		20.0			
Isopropyl ether	+++++ 1.0309	0.9991 0.9506	0.9914 0.8061	1.0390	1.0626	Ave		0.9828				8.8		20.0			
Tert-butyl ethyl ether	+++++ 0.9516	0.8159 0.9826	0.8720 0.8753	0.9114	0.9461	Ave		0.9079				6.3		20.0			
2,2-Dichloropropane	+++++ 0.1078	0.0992 0.1067	0.1117 0.0998	0.1093	0.1084	Ave		0.1062				4.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.3305	0.3264 0.3212	0.3486 0.2979	0.3350	0.3395	Ave		0.3284			0.1000	4.9		20.0			
Methyl Ethyl Ketone	+++++ 1.0009	0.8851 1.0730	0.8456 0.9869	1.0414	1.0039	Ave		0.9767			0.0500	8.4		20.0			
Propionitrile	+++++ 10.618	11.161 10.125	11.985 +++++	11.905	10.916	Ave		11.118				6.5		20.0			
Ethyl acetate	+++++ 0.2656	0.2181 0.2759	0.2415 0.2783	0.2532	0.2488	Ave		0.2545				8.3		20.0			
Methyl acrylate	+++++ 0.3316	0.3349 0.3827	0.3220 0.3617	0.3191	0.3231	Ave		0.3393				7.0		20.0			
Methacrylonitrile	+++++ 0.1312	0.1262 0.1204	0.1278 0.1024	0.1365	0.1388	Ave		0.1262				9.7		20.0			
Chlorobromomethane	+++++ 0.1280	0.1380 0.1167	0.1503 0.1124	0.1431	0.1337	Ave		0.1317				10.4		20.0			
Tetrahydrofuran	+++++ 0.3002	0.2853 0.3078	0.2958 0.3153	0.3180	0.3110	Ave		0.3048				3.8		20.0			
Chloroform	+++++ 0.5482	0.5841 0.5342	0.5821 0.4961	0.5799	0.5666	Ave		0.5559			0.2000	5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 0.4680	0.4748 0.4750	0.5009 0.4518	0.4912	0.4812	Ave		0.4776			0.1000	3.3		20.0			
Cyclohexane	+++++ 0.4084	0.3858 0.4132	0.4016 0.3791	0.4268	0.4056	Ave		0.4029			0.1000	4.0		20.0			
Carbon tetrachloride	+++++ 0.3840	0.3855 0.3908	0.3796 0.3654	0.3928	0.3830	Ave		0.3830			0.1000	2.4		20.0			
1,1-Dichloropropene	+++++ 0.4614	0.4940 0.4557	0.4850 0.4092	0.4804	0.4728	Ave		0.4655				6.0		20.0			
Isobutyl alcohol	+++++ 2.6502	2.1919 2.5823	2.2511 1.8380	2.4463	2.4889	Ave		2.3498				11.9		20.0			
Benzene	+++++ 1.8711	1.9507 1.7029	2.0367 1.4152	2.0074	1.9625	Ave		1.8495			0.5000	12.0		20.0			
1,2-Dichloroethane	+++++ 0.4144	0.4921 0.4002	0.4806 0.3462	0.4253	0.4170	Ave		0.4251			0.1000	11.6		20.0			
Isopropyl acetate	+++++ 0.1255	0.0994 0.1269	0.1031 0.1138	0.1181	0.1214	Ave		0.1155				9.3		20.0			
Tert-amyl methyl ether	+++++ 0.8709	0.7988 0.8738	0.8042 0.8208	0.8318	0.8739	Ave		0.8392				4.0		20.0			
n-Heptane	+++++ 0.2976	0.3516 0.3045	0.2667 0.2853	0.2946	0.2858	Ave		0.2980				8.9		20.0			
Trichloroethene	+++++ 0.3347	0.3477 0.3395	0.3435 0.3210	0.3416	0.3353	Ave		0.3376			0.2000	2.6		20.0			
n-Butanol	+++++ 1.7332	0.8996 1.9232	0.9320 1.4853	1.4260	1.5862	QuaF		2.1441	-0.000053						0.9990		0.9900
Ethyl acrylate	+++++ 0.7439	0.5964 0.7685	0.6686 0.7097	0.7117	0.7145	Ave		0.7019				8.0		20.0			
Methylcyclohexane	+++++ 0.4132	0.3351 0.4180	0.3741 0.3795	0.4173	0.3906	Ave		0.3897			0.1000	7.7		20.0			
1,2-Dichloropropane	+++++ 0.3497	0.3431 0.3440	0.3466 0.3156	0.3525	0.3495	Ave		0.3430			0.1000	3.7		20.0			
Dibromomethane	+++++ 0.1947	0.1963 0.1915	0.1828 0.1515	0.2009	0.1949	Ave		0.1875				9.0		20.0			
1,4-Dioxane	+++++ 1.1999	1.2278 1.1557	1.1617 1.2186	1.2067	1.2062	Ave		1.1967				2.3		20.0			
Methyl methacrylate	+++++ 0.0778	0.0548 0.0819	0.0664 0.0783	0.0710	0.0752	Ave		0.0722				12.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 0.4355	0.3031 0.4569	0.3507 0.4437	0.3935	0.4313	Ave		0.4021				14.1		20.0			
Bromodichloromethane	+++++ 0.4214	0.3741 0.4239	0.4077 0.4023	0.4191	0.4127	Ave		0.4088			0.2000	4.2		20.0			
2-Nitropropane	+++++ 0.0704	0.0787 0.0809	0.0701 0.0836	0.0711	0.0709	Ave		0.0751				7.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0504	0.0339 0.0517	0.0407 0.0489	0.0459	0.0492	Ave		0.0458				13.9		20.0			
Epichlorohydrin	0.1883 0.2601	0.2291 0.2761	0.2462 0.2763	0.2478	0.2498	Ave		0.2467				11.5		20.0			
cis-1,3-Dichloropropene	+++++ 0.7888	0.7237 0.7608	0.7500 0.6674	0.7793	0.7823	Ave		0.7503			0.2000	5.7		20.0			
methyl isobutyl ketone	+++++ 2.0769	1.6895 2.1660	1.8900 2.1753	1.9380	2.0412	Ave		1.9967			0.0500	8.6		20.0			
Toluene	+++++ 1.8692	2.1321 1.7659	1.9914 1.5021	1.9701	1.9201	Ave		1.8787			0.4000	10.7		20.0			
trans-1,3-Dichloropropene	+++++ 0.7024	0.6107 0.6963	0.5959 0.6291	0.6779	0.6905	Ave		0.6576			0.1000	6.7		20.0			
Ethyl methacrylate	+++++ 0.5562	0.4555 0.5701	0.4790 0.5172	0.5341	0.5498	Ave		0.5231				8.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3386	0.3283 0.3222	0.3274 0.2896	0.3465	0.3407	Ave		0.3276			0.1000	5.7		20.0			
Tetrachloroethene	+++++ 0.3786	0.3730 0.3798	0.3613 0.3420	0.3787	0.3785	Ave		0.3703			0.2000	3.8		20.0			
1,3-Dichloropropane	+++++ 0.7014	0.6523 0.6747	0.7075 0.6010	0.7253	0.7141	Ave		0.6823				6.4		20.0			
2-Hexanone	+++++ 1.4214	1.1784 1.5449	1.2645 1.5711	1.3689	1.3752	Ave		1.3892			0.0500	10.1		20.0			
Dibromochloromethane	+++++ 0.3974	0.3186 0.4006	0.3549 0.3739	0.3722	0.3858	Ave		0.3719			0.1000	7.6		20.0			
Ethylene Dibromide	+++++ 0.4012	0.3382 0.3937	0.3769 0.3631	0.3979	0.3982	Ave		0.3813			0.1000	6.2		20.0			
n-Butyl acetate	+++++ 0.6457	0.6005 0.6588	0.6308 0.6041	0.6287	0.6504	Ave		0.6313				3.6		20.0			
Chlorobenzene	+++++ 1.0770	1.0636 1.0656	1.1503 0.9667	1.0992	1.0759	Ave		1.0712			0.5000	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
1,1,1,2-Tetrachloroethane	+++++ 0.3726	0.3143 0.3768	0.3596 0.3481	0.3528	0.3659	Ave		0.3557				5.9		20.0			
Ethylbenzene	+++++ 0.5830	0.5591 0.5694	0.5840 0.5059	0.5926	0.5822	Ave		0.5680			0.1000	5.2		20.0			
m-Xylene & p-Xylene	+++++ 0.6986	0.6738 0.6818	0.7170 0.6173	0.7004	0.7032	Ave		0.6846			0.1000	4.8		20.0			
o-Xylene	+++++ 0.6652	0.5738 0.6500	0.6449 0.5972	0.6550	0.6620	Ave		0.6354			0.3000	5.6		20.0			
Styrene	+++++ 1.1428	0.9792 1.1183	1.1092 0.9976	1.1173	1.1236	Ave		1.0840			0.3000	6.1		20.0			
n-Butyl acrylate	+++++ 0.3068	0.2554 0.3139	0.2624 0.2947	0.2841	0.2960	Ave		0.2876				7.6		20.0			
Bromoform	+++++ 0.2402	0.1821 0.2609	0.2064 0.2601	0.2143	0.2301	Ave		0.2277			0.1000	12.7		20.0			
Amyl acetate (mixed isomers)	+++++ 1.6023	1.4884 1.6048	1.5931 1.4997	1.5785	1.6517	Ave		1.5741				3.8		20.0			
Isopropylbenzene	+++++ 1.6478	1.5141 1.5993	1.7474 1.4513	1.6424	1.6520	Ave		1.6078			0.1000	6.1		20.0			
Bromobenzene	+++++ 0.8390	0.8500 0.8360	0.8493 0.7847	0.8409	0.8314	Ave		0.8330				2.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1461	1.0897 1.1446	1.2355 1.0710	1.1797	1.2027	Ave		1.1528			0.3000	5.1		20.0			
1,2,3-Trichloropropane	+++++ 0.3061	0.2886 0.3058	0.3021 0.2853	0.3245	0.3189	Ave		0.3045				4.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3665	0.2987 0.3792	0.3645 0.3604	0.3545	0.3699	Ave		0.3562				7.4		20.0			
N-Propylbenzene	+++++ 4.5798	4.4699 4.3919	4.8929 3.9564	4.7423	4.6906	Ave		4.5320				6.7		20.0			
2-Chlorotoluene	+++++ 2.7224	2.8630 2.5961	2.9642 2.2770	2.8922	2.7884	Ave		2.7290				8.5		20.0			
4-Ethyltoluene	+++++ 3.3595	3.3335 3.2745	3.4766 2.9020	3.4411	3.4233	Ave		3.3158				5.9		20.0			
4-Chlorotoluene	+++++ 3.1642	3.1554 3.0272	3.3788 2.6936	3.3252	3.2663	Ave		3.1444				7.3		20.0			
1,3,5-Trimethylbenzene	+++++ 2.7134	2.4957 2.6505	2.8747 2.3359	2.7623	2.8041	Ave		2.6624				7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.1144	0.7601 1.1834	0.9032 1.0966	0.9611	1.0617	Ave		1.0115				14.4		20.0			
tert-Butylbenzene	+++++ 2.1638	2.0067 2.1081	2.2924 1.9335	2.2552	2.1896	Ave		2.1356				6.1		20.0			
1,2,4-Trimethylbenzene	+++++ 2.7837	2.6711 2.7208	2.7869 2.4224	2.8353	2.8251	Ave		2.7208				5.3		20.0			
sec-Butylbenzene	+++++ 3.2108	3.1091 3.1490	3.5044 2.8389	3.2925	3.2418	Ave		3.1924				6.3		20.0			
1,3-Dichlorobenzene	+++++ 1.4054	1.4203 1.4150	1.5037 1.2687	1.4201	1.4186	Ave		1.4074			0.6000	4.9		20.0			
1,4-Dichlorobenzene	+++++ 1.4532	1.4677 1.4523	1.5736 1.3141	1.4792	1.4409	Ave		1.4544			0.5000	5.2		20.0			
4-Isopropyltoluene	+++++ 2.5726	2.3814 2.5364	2.6495 2.2674	2.6137	2.5914	Ave		2.5161				5.5		20.0			
Benzyl chloride	+++++ 1.9881	1.6271 2.1258	1.7707 1.9351	1.8314	1.9664	Ave		1.8921				8.6		20.0			
1,2-Dichlorobenzene	+++++ 1.3687	1.3417 1.3521	1.4648 1.2164	1.3727	1.3545	Ave		1.3530			0.4000	5.4		20.0			
p-Diethylbenzene	+++++ 1.3037	1.2247 1.2960	1.3105 1.1557	1.2719	1.3004	Ave		1.2662				4.5		20.0			
n-Butylbenzene	+++++ 1.4292	1.3231 1.3879	1.4921 1.1976	1.4477	1.4525	Ave		1.3900				7.2		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1941	0.1499 0.2159	0.1663 0.2118	0.1773	0.1913	Ave		0.1867			0.0500	12.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.2481	1.8472 2.2231	2.0586 1.9678	2.1081	2.1936	Ave		2.0924				7.0		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7610	0.7235 0.7741	0.7441 0.6850	0.7640	0.7347	Ave		0.7409				4.1		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7114	0.5922 0.7062	0.6645 0.6167	0.6615	0.6935	Ave		0.6637			0.2000	6.8		20.0			
Naphthalene	+++++ 2.2164	1.9322 2.1448	2.1810 1.7908	2.1586	2.1984	Ave		2.0889				7.8		20.0			
Hexachlorobutadiene	+++++ 0.2720	0.3200 0.2755	0.3123 0.2426	0.2661	0.2712	Ave		0.2800				9.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5787	0.5050 0.5602	0.5834 0.4848	0.5780	0.5678	Ave		0.5511				7.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Dibromofluoromethane (Surr)	0.2678 0.2582	0.2640 0.2552	0.2657 0.2450	0.2642	0.2597	Ave		0.2600				2.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3477 0.3269	0.3431 0.3208	0.3452 0.3004	0.3454	0.3265	Ave		0.3320				5.0		20.0			
Toluene-d8 (Surr)	1.4254 1.4253	1.4426 1.3888	1.4579 1.3097	1.4422	1.4473	Ave		1.4174				3.4		20.0			
4-Bromofluorobenzene	0.3513 0.3516	0.3469 0.3564	0.3503 0.3750	0.3453	0.3469	Ave		0.3530				2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-795604/3	T53994.D
Level 2	STD05 460-795604/4	T53995.D
Level 3	STD1 460-795604/5	T53996.D
Level 4	STD5 460-795604/6	T53997.D
Level 5	STD20 460-795604/7	T53998.D
Level 6	STD50 460-795604/8	T53999.D
Level 7	STD200 460-795604/9	T54000.D
Level 8	STD500 460-795604/10	T54001.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
Monochloropentafluoroethane	FB	Ave	+++++ 9218	+++++ 26306	+++++ 68769	903	3777	+++++ 50.0	+++++ 200	+++++ 500	5.00	20.0
Chlorotrifluoroethene	FB	Ave	+++++ 72764	512 242556	1330 571659	7726	28081	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Difluoroethane	FB	Ave	+++++ 103907	1185 362911	2255 830080	10699	42096	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 244084	1877 930061	4964 2138331	26641	96122	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 39904	437 147588	804 347373	4421	15910	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 231289	2765 950172	5156 2405689	24453	92224	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 245911	2702 926115	5220 2000009	26651	99467	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1070 204137	2171 756469	4685 1618680	23182	83315	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	QuaF	+++++ 41855	995 252420	1903 382401	7895	24236	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	QuaF	+++++ 66141	1439 333280	2731 406773	13567	42470	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 286987	3601 1109569	7374 +++++	35806	129098	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 220126	2370 884794	5281 1794061	27454	96429	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 48282	446 188973	1001 336030	5778	20504	+++++ 100	1.00 400	2.00 1000	10.0	40.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
Ethanol	TBAd9	Ave	+++++ 40925	415 138064	954 +++++	4492	17932	+++++ 2000	20.0 8000	40.0 +++++	200	800
Ethyl ether	FB	Ave	+++++ 152713	1549 542191	3347 1003693	16608	64022	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 147668	1540 531515	3264 1051732	16374	61316	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 167213	1960 634449	3756 1216991	18867	70585	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 276921	2900 1001373	6240 2167042	30529	112717	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Ave	+++++ 73177	1508 139978	2944 +++++	14767	29701	+++++ 101	2.03 203	4.06 +++++	20.3	40.6
1,1-Dichloroethene	FB	Ave	+++++ 166114	1884 611168	3591 1276864	17784	69989	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 161190	1432 623998	3082 1288663	18262	67769	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 263120	3785 1130465	6321 2182854	28493	108380	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	+++++ 175988	868 633886	2081 1053577	11361	64047	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 585030	6477 2209910	13122 4674559	63197	245044	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 119359	1595 445654	2648 +++++	12597	47066	+++++ 500	5.00 2000	10.0 +++++	50.0	200
Acetonitrile	BUT	Ave	+++++ 153112	1440 527489	3231 999922	16539	66180	+++++ 500	5.00 2000	10.0 5000	50.0	200
3-Chloro-1-propene	FB	Ave	+++++ 135226	1213 416072	2568 883892	14158	57454	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 278468	3095 1038422	5807 2299834	30048	119591	+++++ 100	1.00 400	2.00 1000	10.0	40.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
Methylene Chloride	FB	Ave	+++++ 192703	2668 726619	4543 1549040	20871	80631	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 182434	2249 698649	4305 +++++	19509	77440	+++++ 500	5.00 2000	10.0 +++++	50.0	200
Acrylonitrile	FB	Ave	3050 748250	7419 2680689	15429 5469006	81890	321898	2.00 500	5.00 2000	10.0 5000	50.0	200
trans-1,2-Dichloroethene	FB	Ave	+++++ 187082	2050 666683	4064 1373554	20154	78485	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 526120	5115 1881017	10671 3878037	54864	217127	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexane	FB	Ave	+++++ 232572	1875 884272	4320 1882281	24090	90153	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 375078	3934 1406984	8130 3018379	40829	154246	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 77397	661 299010	1352 645168	8374	32646	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 179704	1829 658863	3887 1348336	18928	76708	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 624621	6342 2216227	12537 4388384	65676	264802	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 576573	5179 2290816	11027 4765086	57612	235784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 65323	630 248864	1413 543352	6912	27018	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 200251	2072 748806	4408 1621553	21176	84603	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 408768	3754 1643822	7046 3343208	44133	174306	+++++ 250	2.50 1000	5.00 2500	25.0	100
Propionitrile	TBAd9	Ave	+++++ 287472	2933 1114196	6142 +++++	30791	123878	+++++ 500	5.00 2000	10.0 +++++	50.0	200
Ethyl acetate	BUT	Ave	+++++ 43384	370 169044	805 377114	4292	17280	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 200886	2126 892139	4072 1969006	20173	80510	+++++ 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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
Methacrylonitrile	FB	Ave	+++++ 795228	8010 2806683	16165 5576916	86275	345895	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 77558	876 272052	1900 612123	9044	33325	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 49044	484 188595	986 427295	5391	21600	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chloroform	FB	Ave	+++++ 332153	3708 1245400	7361 2700878	36656	141190	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 283569	3014 1107399	6334 2459861	31051	119924	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 247421	2449 963285	5078 2063988	26979	101071	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 232637	2447 911117	4800 1989122	24832	95447	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 279556	3136 1062286	6133 2227850	30369	117827	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 179376	1440 710406	2884 1495729	15818	70612	+++++ 1250	12.5 5000	25.0 12500	125	500
Benzene	CBNZd5	Ave	+++++ 779428	8248 2850187	16941 5950775	84577	328910	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 251091	3124 932942	6077 1884517	26883	103907	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 76040	631 295950	1304 619575	7466	30242	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 527706	5071 2037201	10169 4468401	52576	217792	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 180313	2232 709902	3372 1553353	18623	71216	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 202785	2207 791605	4343 1747327	21595	83551	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	QuaF	+++++ 117312	591 529091	1194 1208756	9221	45000	+++++ 1250	12.5 5000	25.0 12500	125	500
Ethyl acrylate	FB	Ave	+++++	3786	8454	44984	178068	+++++	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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
			450745	1791535	3863724			50.0	200	500		
Methylcyclohexane	FB	Ave	+++++ 250330	2127 974615	4730 2065807	26377	97338	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 211869	2178 801905	4383 1717896	22284	87105	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 117947	1246 446400	2311 824585	12697	48575	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	+++++ 49037	1208 181637	2252 392888	4752	20154	+++++ 1000	25.0 4000	50.0 10000	100	400
Methyl methacrylate	FB	Ave	+++++ 94311	696 381689	1680 852051	8981	37492	+++++ 100	1.00 400	2.00 1000	10.0	40.0
n-Propyl acetate	FB	Ave	+++++ 263847	1924 1065144	4435 2415550	24875	107487	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 255354	2375 988304	5156 2190234	26493	102859	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 85259	999 377157	1774 910222	8984	35355	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 30608	216 120709	516 267013	2911	12298	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1628 424882	3887 1692069	8205 3743906	41999	173478	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 328578	3060 1273402	6238 2806509	32835	131113	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 848211	7166 3318290	15749 7369319	82129	354423	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 778632	9015 2955701	16564 6316131	83003	321806	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 292611	2582 1165375	4957 2645556	28562	115724	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 231676	1926 954222	3984 2174965	22501	92152	+++++ 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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 141046	1388 539230	2723 1217681	14598	57107	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 157729	1577 635673	3005 1438091	15956	63440	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 292170	2758 1129287	5885 2527124	30560	119679	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 580497	4998 2366779	10537 5322585	58012	238781	+++++ 250	2.50 1000	5.00 2500	25.0	100
Dibromochloromethane	CBNZ d5	Ave	+++++ 165553	1347 670423	2952 1572140	15682	64655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 167125	1430 659002	3135 1526636	16765	66744	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 268987	2539 1102626	5247 2540146	26488	109009	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 448659	4497 1783527	9568 4064964	46311	180330	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 155220	1329 630616	2991 1463930	14866	61323	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 242840	2364 953031	4858 2127121	24967	97577	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 291024	2849 1141213	5964 2595551	29511	117855	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 277104	2426 1087843	5364 2511245	27596	110960	+++++ 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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++ 476040	4140 1871788	9226 4195032	47075	188317	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 127786	1080 525351	2183 1239290	11969	49613	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 100068	770 436640	1717 1093581	9027	38561	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 300940	2800 1237152	5948 2945297	29829	122548	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 686406	6402 2676809	14535 6102867	69196	276884	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 157575	1599 644499	3171 1541087	15891	61683	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 215260	2050 882382	4613 2103235	22293	89234	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 57499	543 235729	1128 560366	6132	23659	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 68840	562 292315	1361 707683	6699	27444	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 860194	8409 3385675	18268 7769879	89615	348016	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 511329	5386 2001312	11067 4471786	54653	206881	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 630983	6271 2524255	12980 5699205	65026	253990	+++++ 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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
4-Chlorotoluene	DCBd 4	Ave	+++++ 594305	5936 2333626	12615 5289885	62836	242336	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 509628	4695 2043251	10733 4587285	52198	208047	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 209301	1430 912247	3372 2153545	18162	78774	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 406414	3775 1625141	8559 3797197	42616	162457	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 522840	5025 2097416	10405 4757241	53578	209608	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 603066	5849 2427504	13084 5575210	62218	240523	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 263958	2672 1090825	5614 2491645	26835	105251	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 272939	2761 1119584	5875 2580724	27952	106903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 483189	4480 1955263	9892 4452843	49390	192269	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 373408	3061 1638747	6611 3800336	34607	145895	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 257068	2524 1042285	5469 2388761	25939	100495	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 244872	2304 999092	4893 2269703	24035	96485	+++++ 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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

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
n-Butylbenzene	DCBd 4	Ave	+++++ 268443	2489 1069902	5571 2351839	27357	107763	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 36459	282 166450	621 415984	3351	14196	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 422252	3475 1713792	7686 3864477	39837	162751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 142941	1361 596713	2778 1345302	14438	54509	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 133615	1114 544433	2481 1211073	12500	51454	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 416294	3635 1653379	8143 3516891	40790	163108	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 51093	602 212414	1166 476391	5028	20123	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 108693	950 431853	2178 952160	10923	42129	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	170008 156470	167565 148747	167987 133383	167029	161820	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	220727 198052	217779 186961	218243 163531	218302	203409	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	602049 593731	609930 581111	606323 550745	607633	606403	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	148363 146447	146679 149109	145708 157673	145499	145373	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 TestAmerica, Edison Job No.: 460-244050-1 Analy Batch No.: 795604

SDG No.:

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

Calibration Start Date: 08/11/2021 04:12 Calibration End Date: 08/11/2021 06:40 Calibration ID: 86916

Curve Type Legend

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 11-Aug-2021 04:12:23 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0133123-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:32:45 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:27:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.768	0.768	0.000	58	1070	0.2500	0.2488	
* 31 TBA-d9 (IS)	66	1.518	1.524	-0.006	96	53892	1000.0	1000.0	
33 Acrylonitrile	53	1.627	1.621	0.006	84	3050	2.00	2.01	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	45	432189	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.590	2.590	0.000	94	170008	50.0	51.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.840	2.840	0.000	92	220727	50.0	52.4	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	634852	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.761	3.767	-0.006	1	41054	1000.0	1000.0	
80 Epichlorohydrin	57	4.346	4.334	0.012	45	1628	5.00	3.82	
$ 83 Toluene-d8 (Surr)	98	4.712	4.712	0.000	98	602049	50.0	50.3	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	422382	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	78	148363	50.0	49.8	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	97	190372	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

8260MIX1COMB_00141	Amount Added:	0.00	Units: uL	
ACROLEIN W_00129	Amount Added:	0.00	Units: uL	
GASES Li_00432	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00088	Amount Added:	20.00	Units: uL	
Ethanol mix_00055	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00114	Amount Added:	0.00	Units: uL	
MIX I Hi_00141	Amount Added:	0.00	Units: uL	
14DIOXINTER_00132	Amount Added:	0.00	Units: uL	
524freon_00041	Amount Added:	0.00	Units: uL	
GAS Hi_00394	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:32:45 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D

Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15

Lims ID: STD8

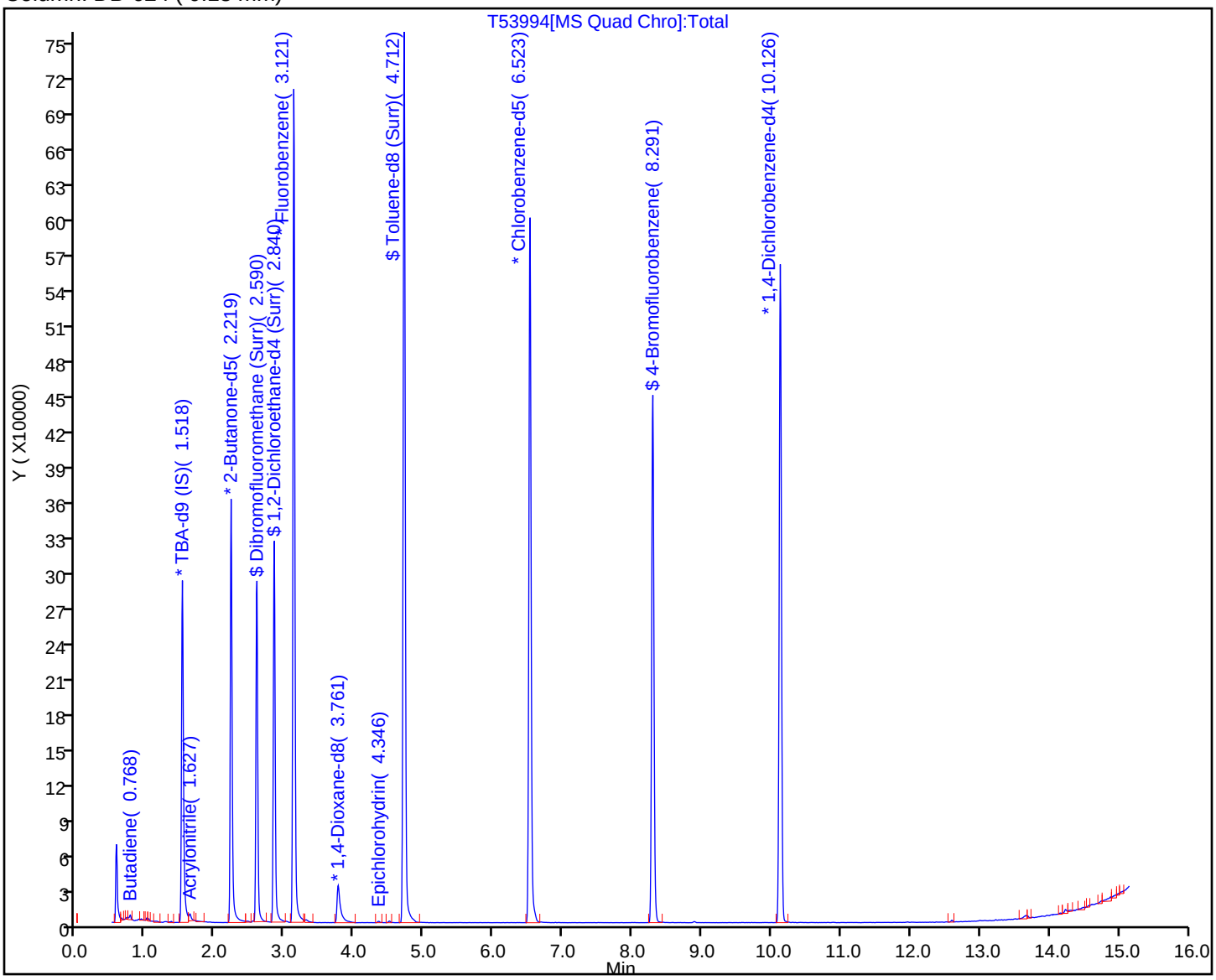
Client ID:

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 TestAmerica, Edison

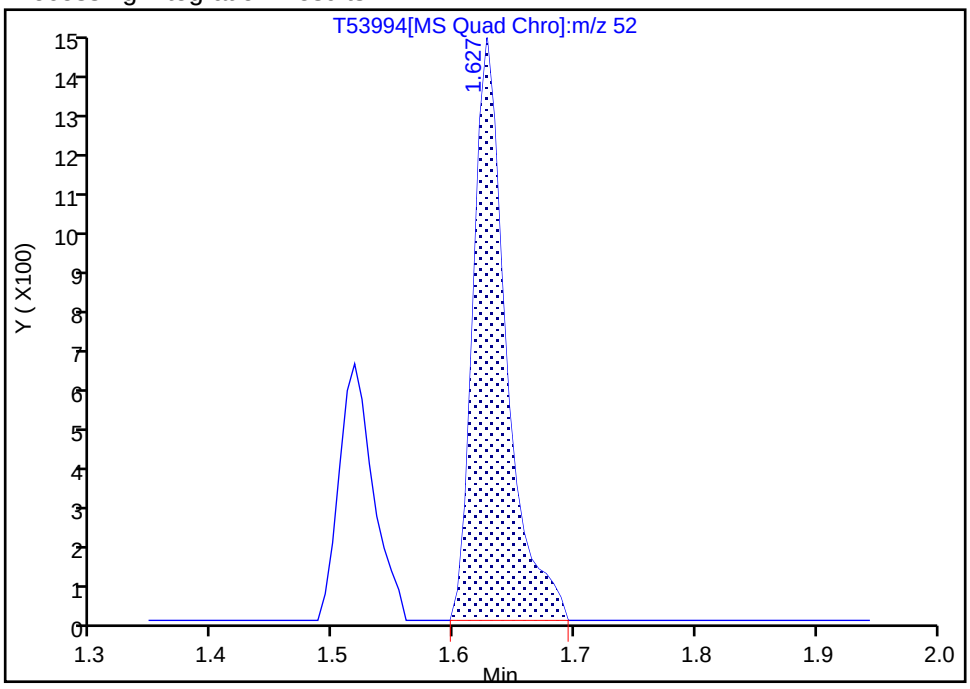
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 2

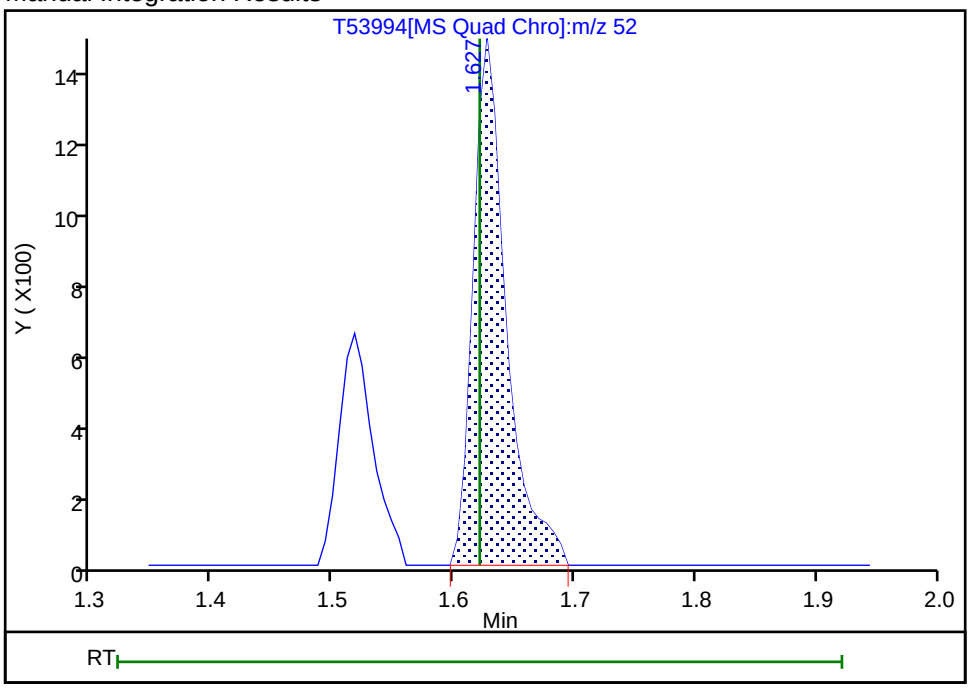
Processing Integration Results

RT: 1.63
Area: 2682
Amount: 2.008785
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 2682
Amount: 2.008785
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:26:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

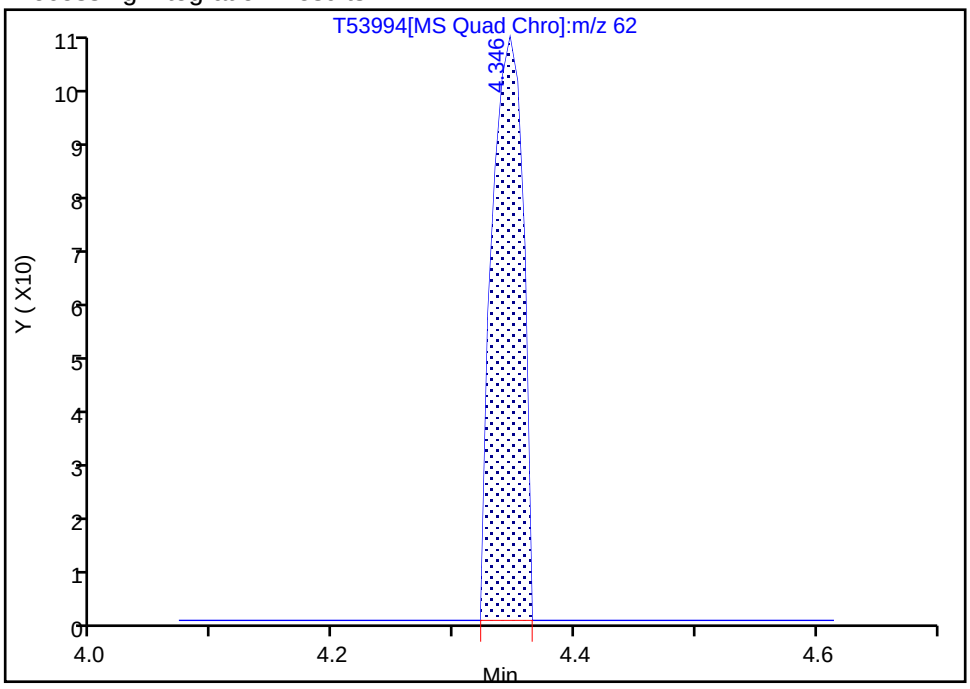
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

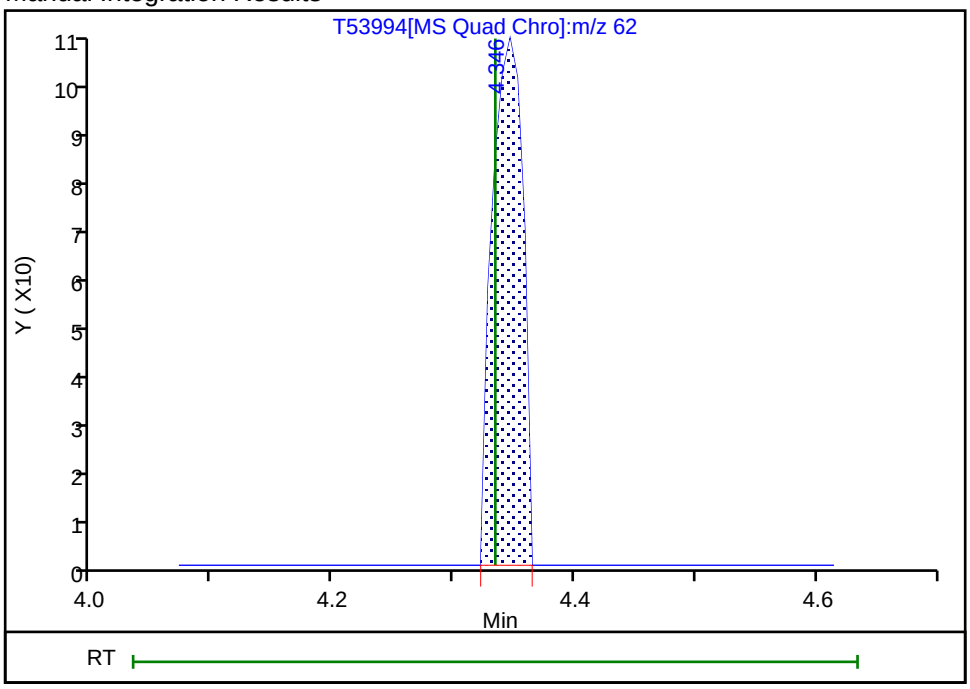
Processing Integration Results

RT: 4.35
Area: 190
Amount: 3.817158
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 190
Amount: 3.817158
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:27:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

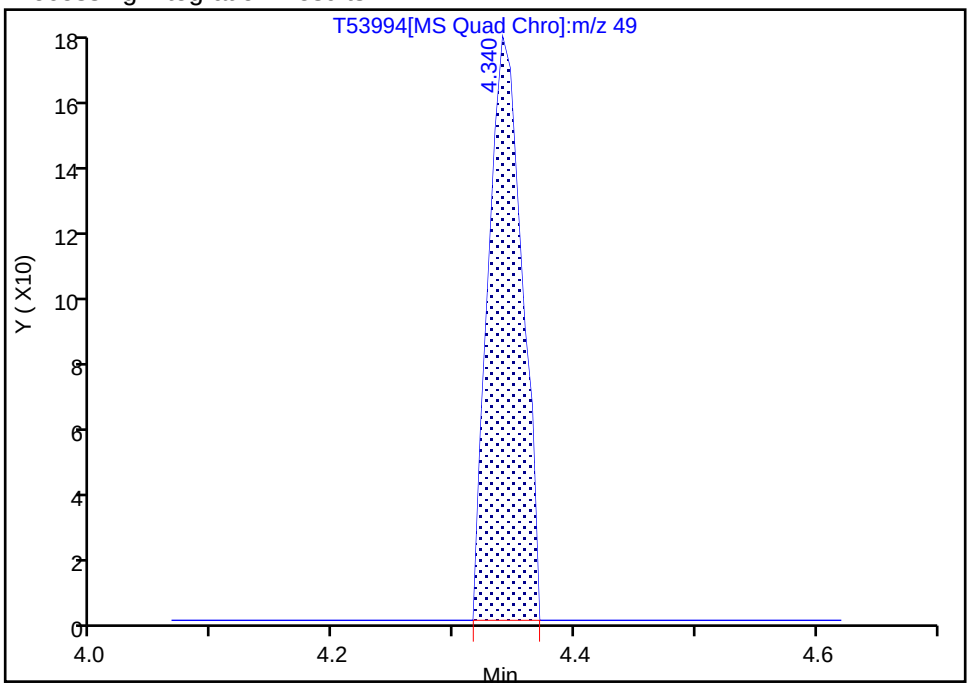
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

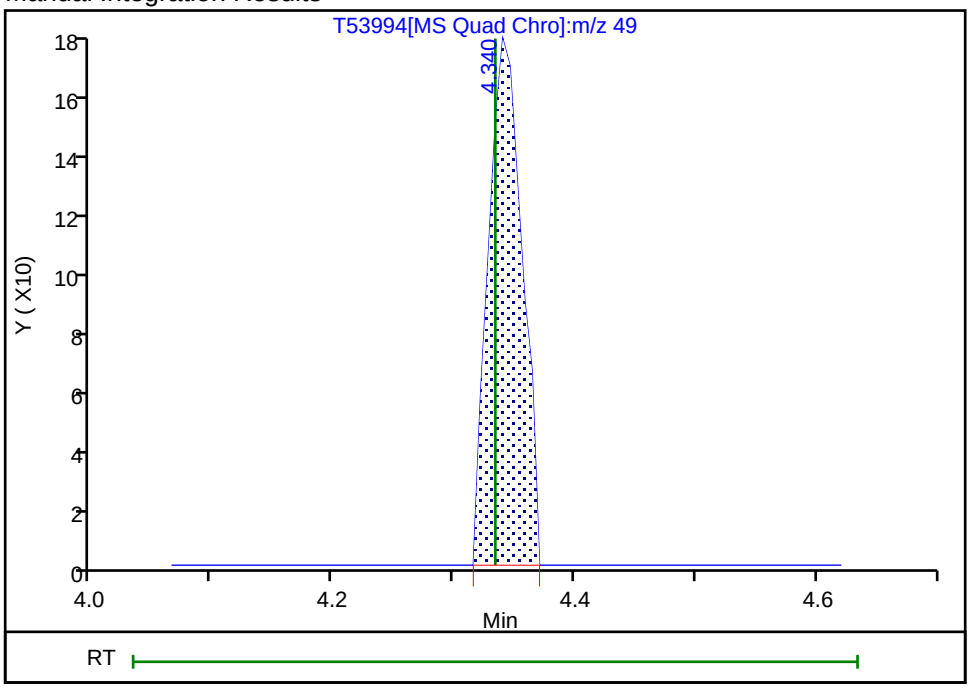
Processing Integration Results

RT: 4.34
Area: 331
Amount: 3.817158
Amount Units: ug/l



Manual Integration Results

RT: 4.34
Area: 331
Amount: 3.817158
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:27:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

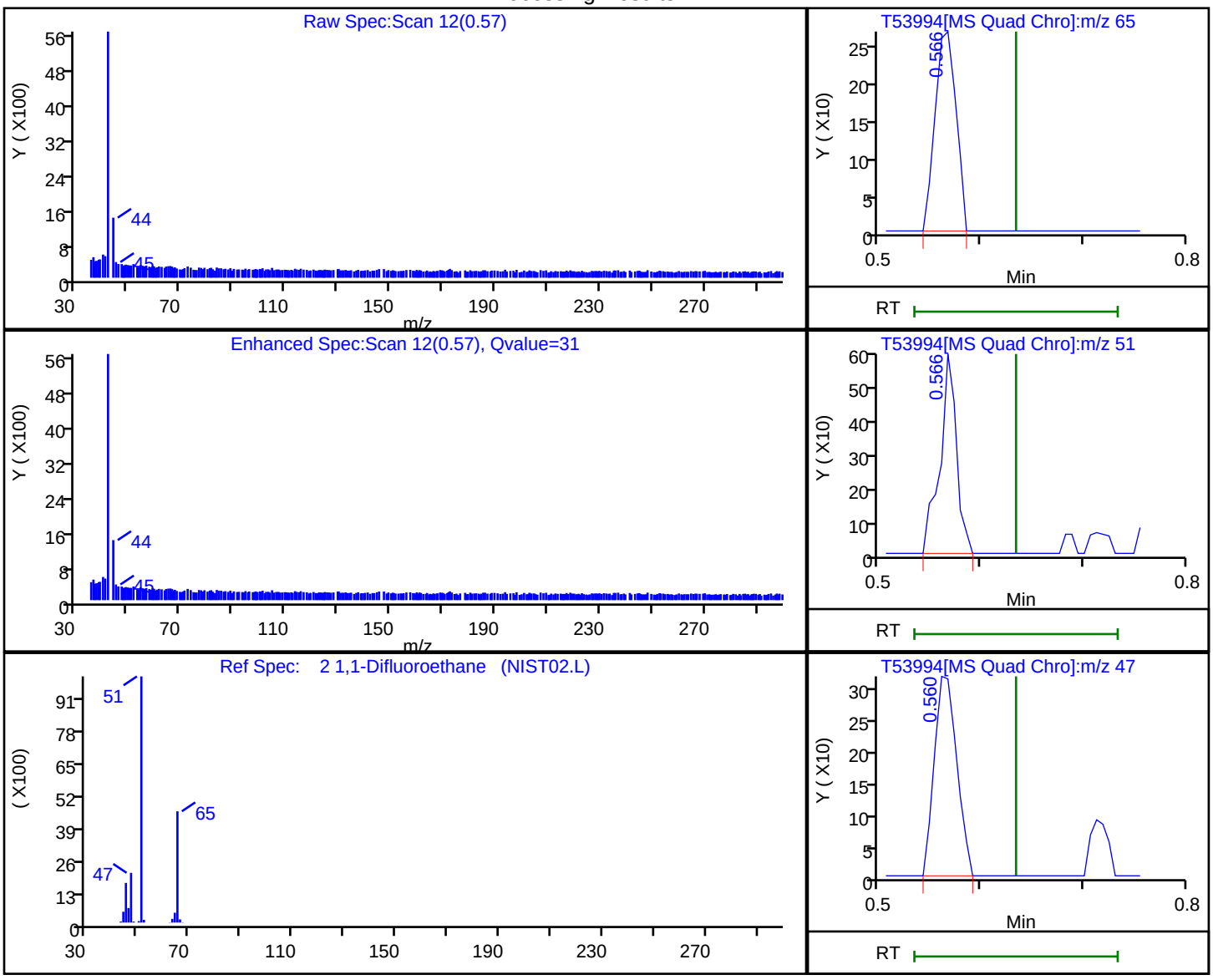
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

2 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
0.57	65.00	380	0.177118
0.57	51.00	671	
0.56	47.00	488	

Reviewer: desais, 11-Aug-2021 07:26:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

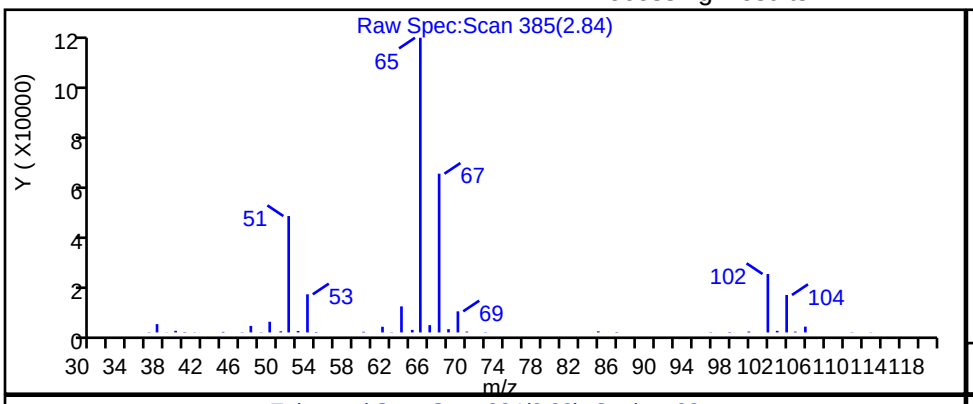
User Disabled Compound Report

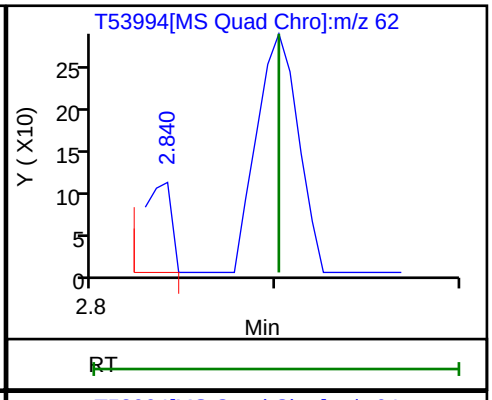
Eurofins TestAmerica, Edison

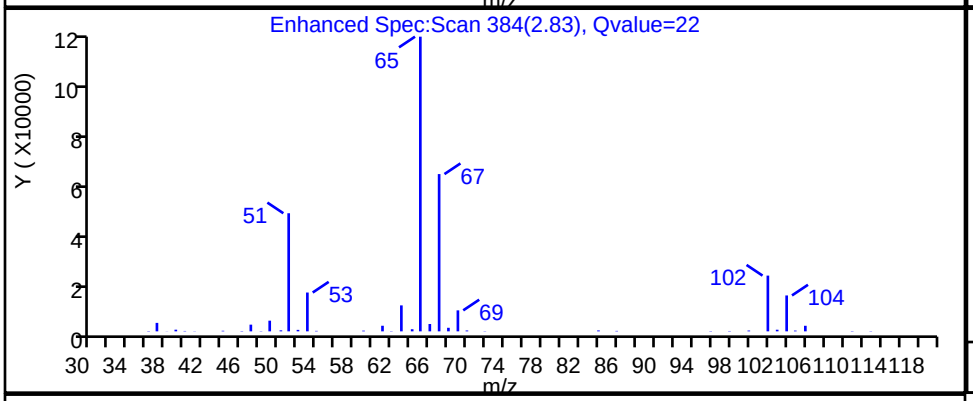
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

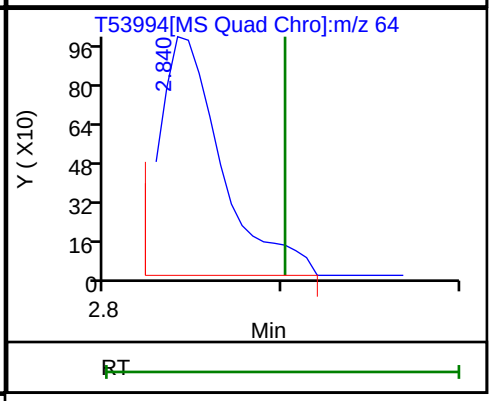
61 1,2-Dichloroethane, CAS: 107-06-2

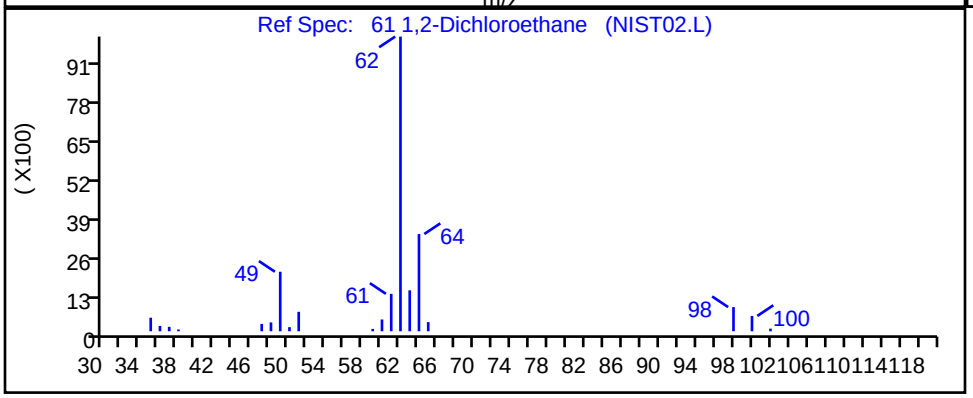
Processing Results











RT	Mass	Response	Amount
2.84	62.00	106	0.019639
2.84	64.00	2361	

Reviewer: desais, 11-Aug-2021 07:27:07

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

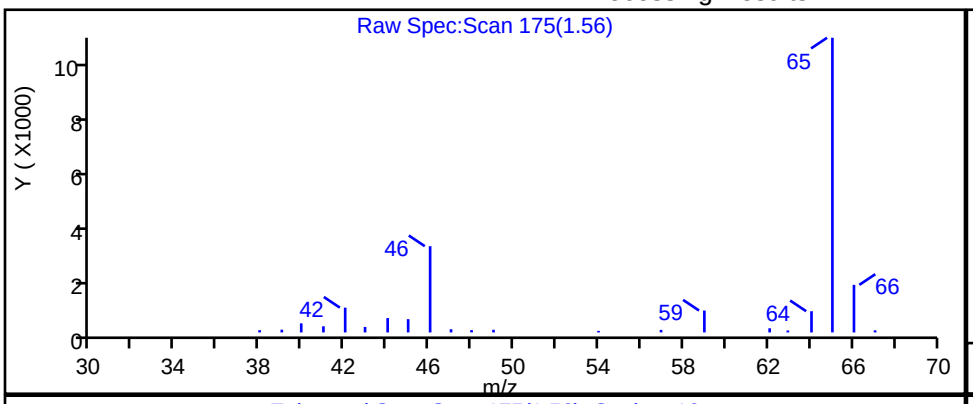
User Disabled Compound Report

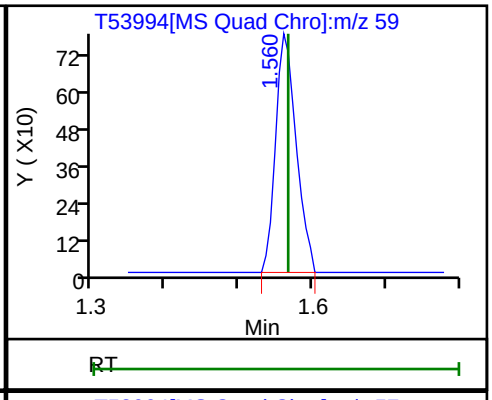
Eurofins TestAmerica, Edison

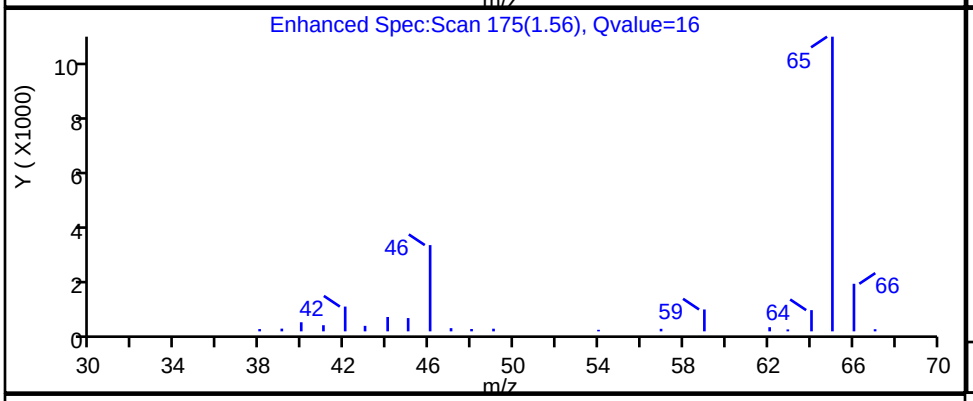
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

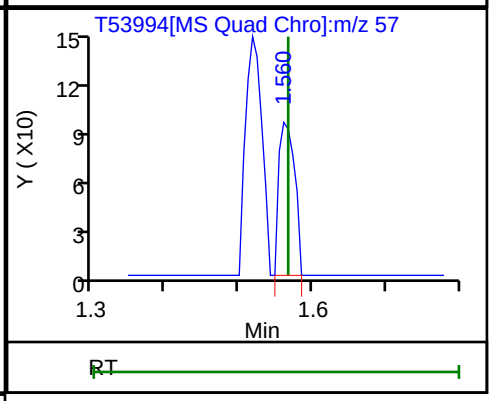
32 2-Methyl-2-propanol, CAS: 75-65-0

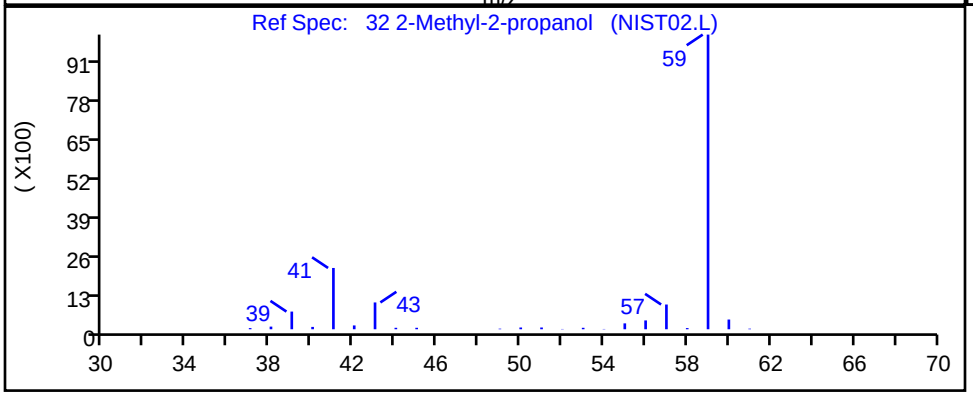
Processing Results











RT	Mass	Response	Amount
1.56	59.00	1527	8.697570
1.56	57.00	137	

Reviewer: desais, 11-Aug-2021 07:26:56

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

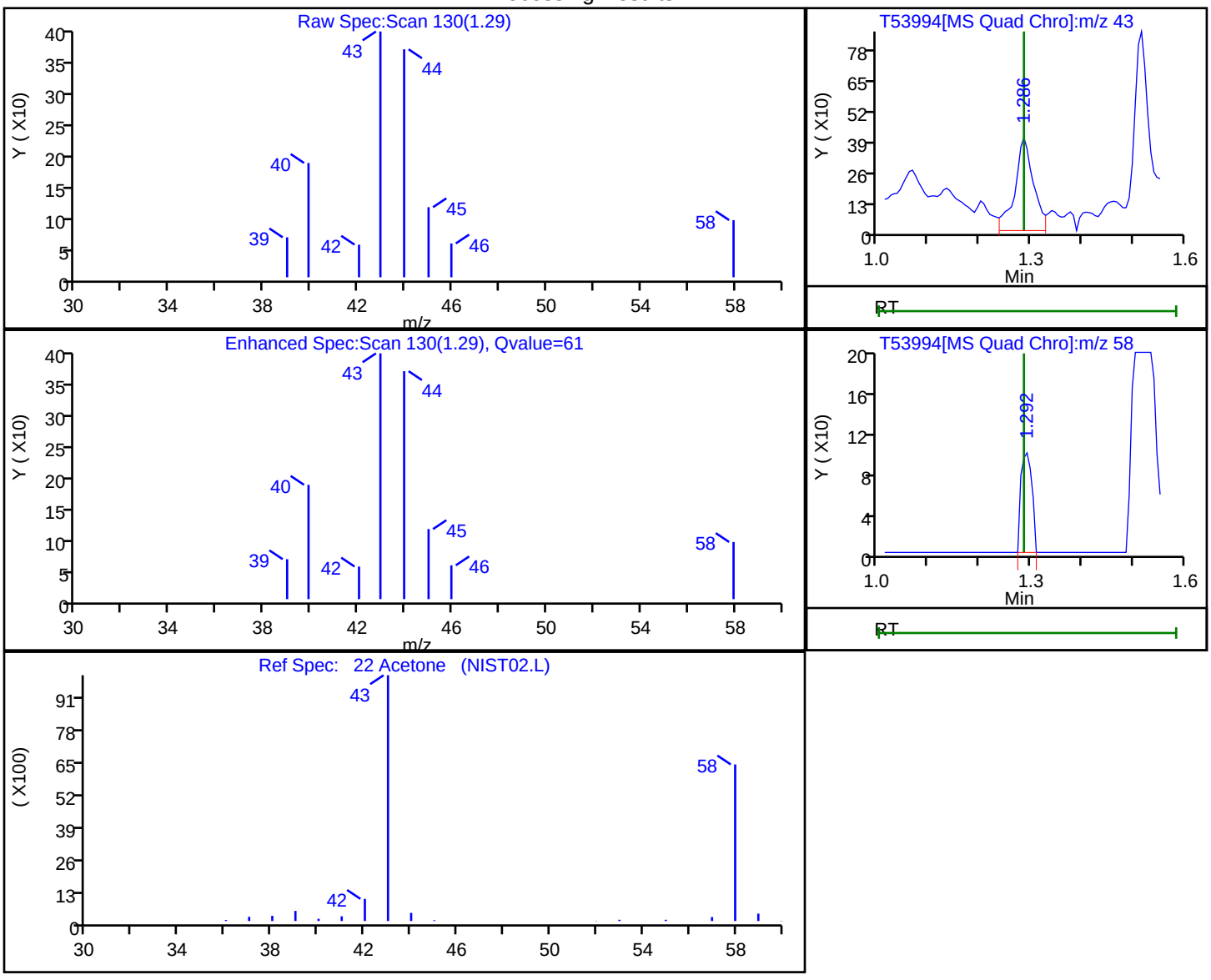
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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
1.29	43.00	1021	11.764804
1.29	58.00	148	

Reviewer: desais, 11-Aug-2021 07:26:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

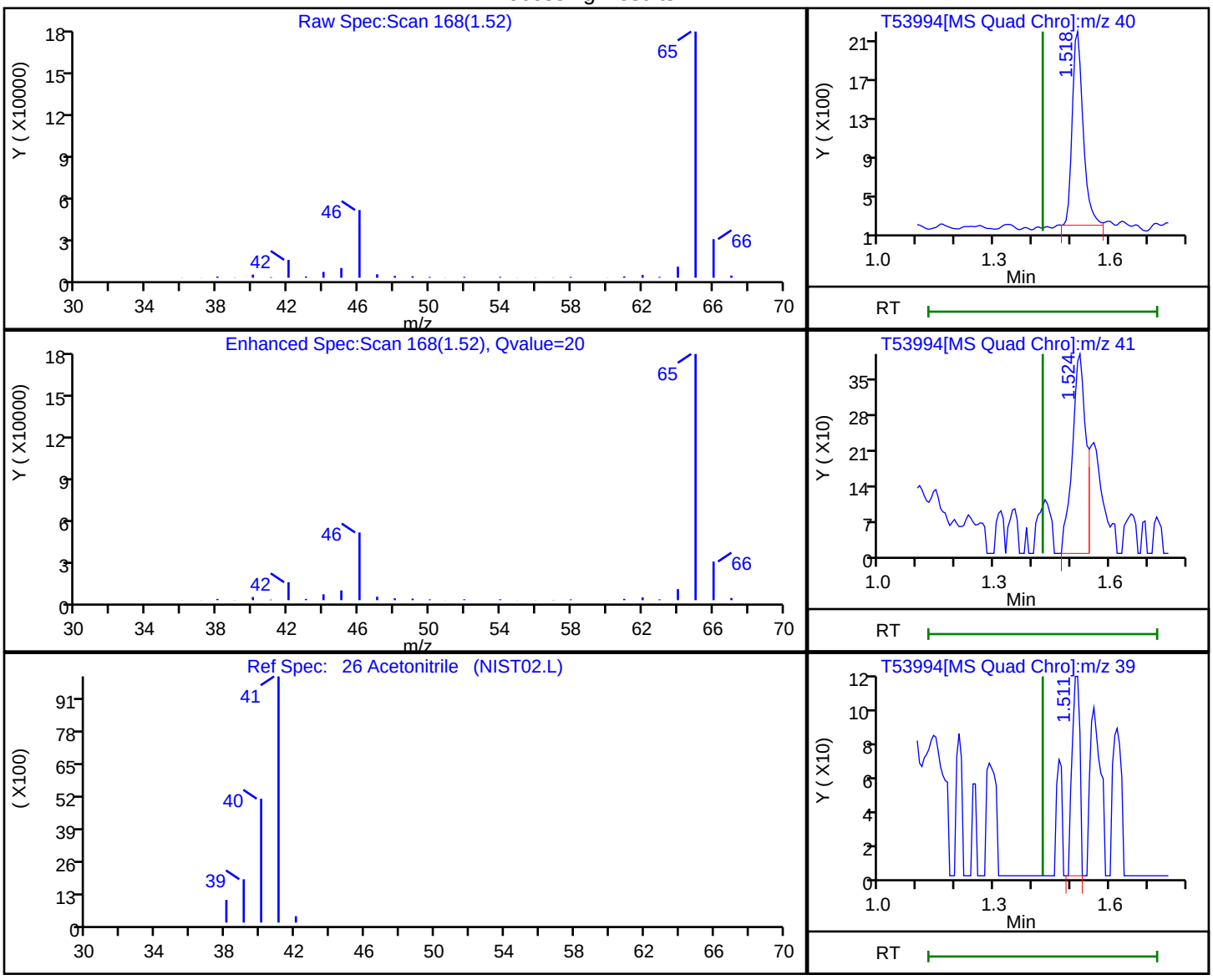
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.52	40.00	3850	12.406598
1.52	41.00	983	
1.51	39.00	163	
1.52	38.00	1693	

Reviewer: desais, 11-Aug-2021 07:26:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

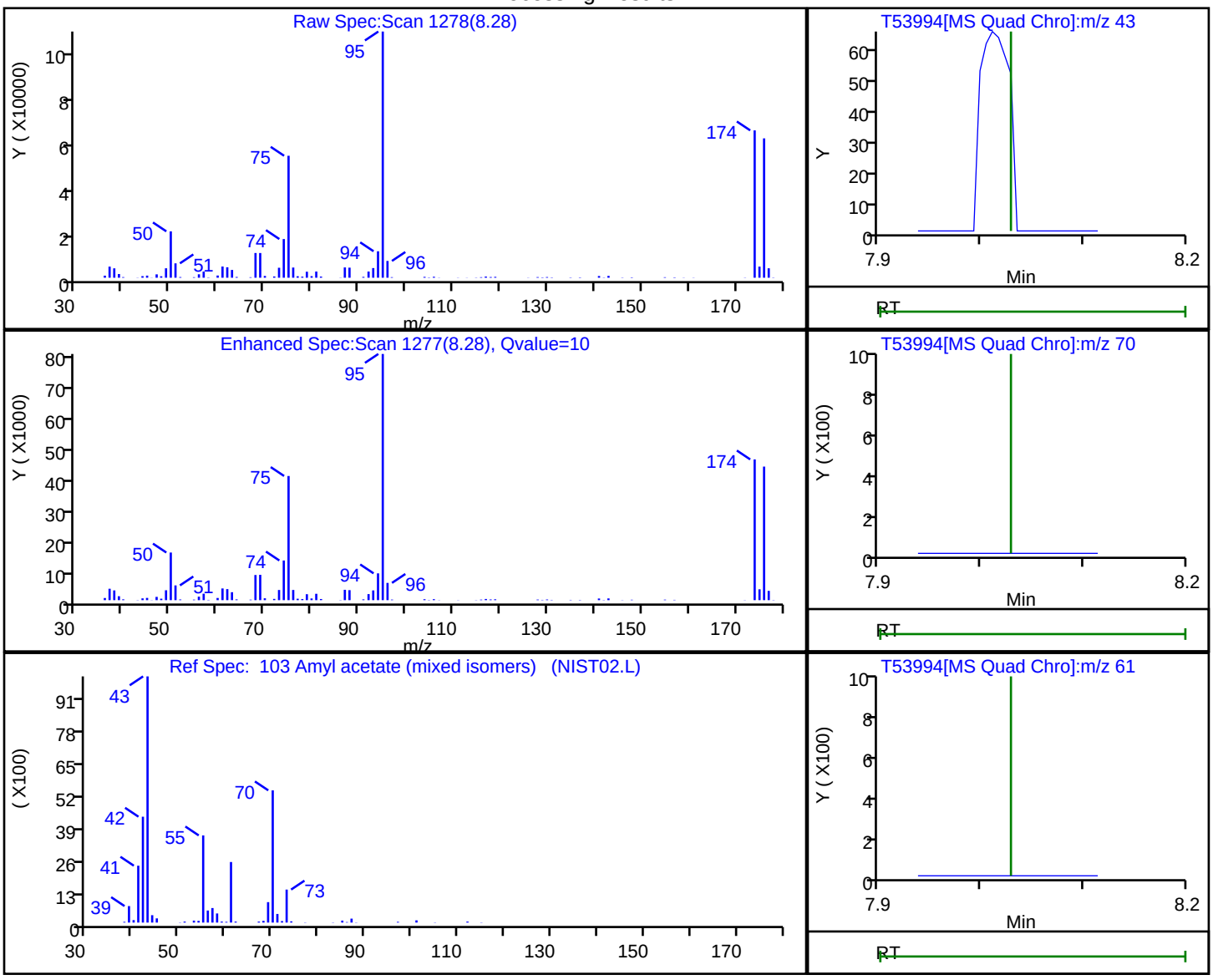
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.28	43.00	88	0.014683
8.28	70.00	1694	
8.29	61.00	10613	

Reviewer: desais, 11-Aug-2021 07:27:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

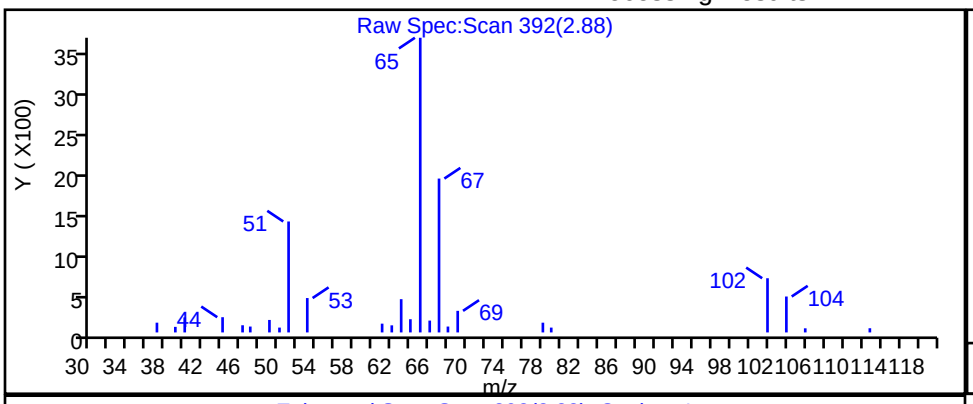
User Disabled Compound Report

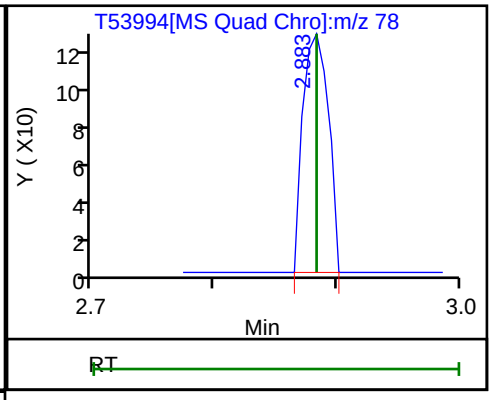
Eurofins TestAmerica, Edison

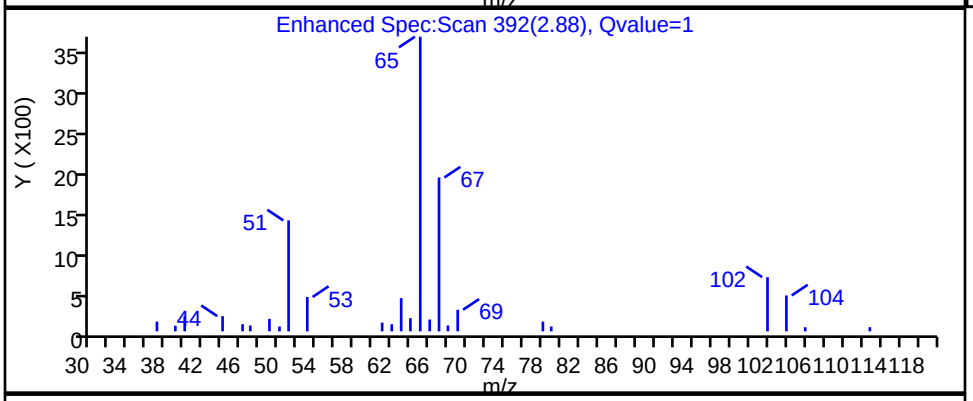
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

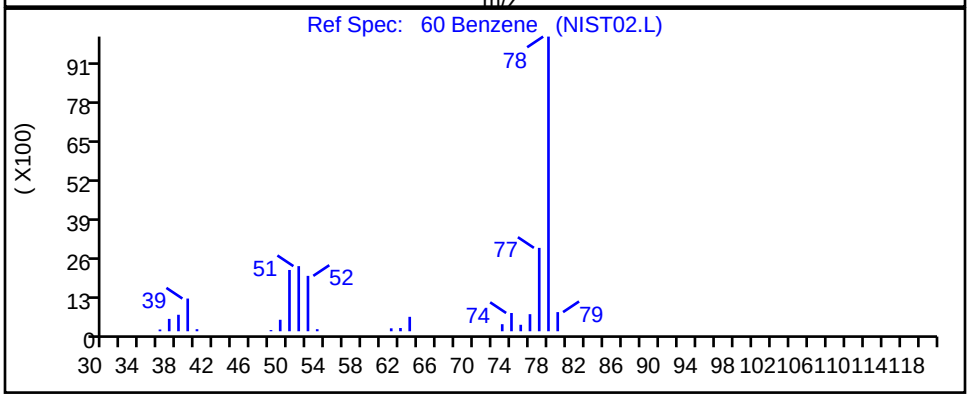
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
2.88	78.00	176	0.011265

Reviewer: desais, 11-Aug-2021 07:27:06

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

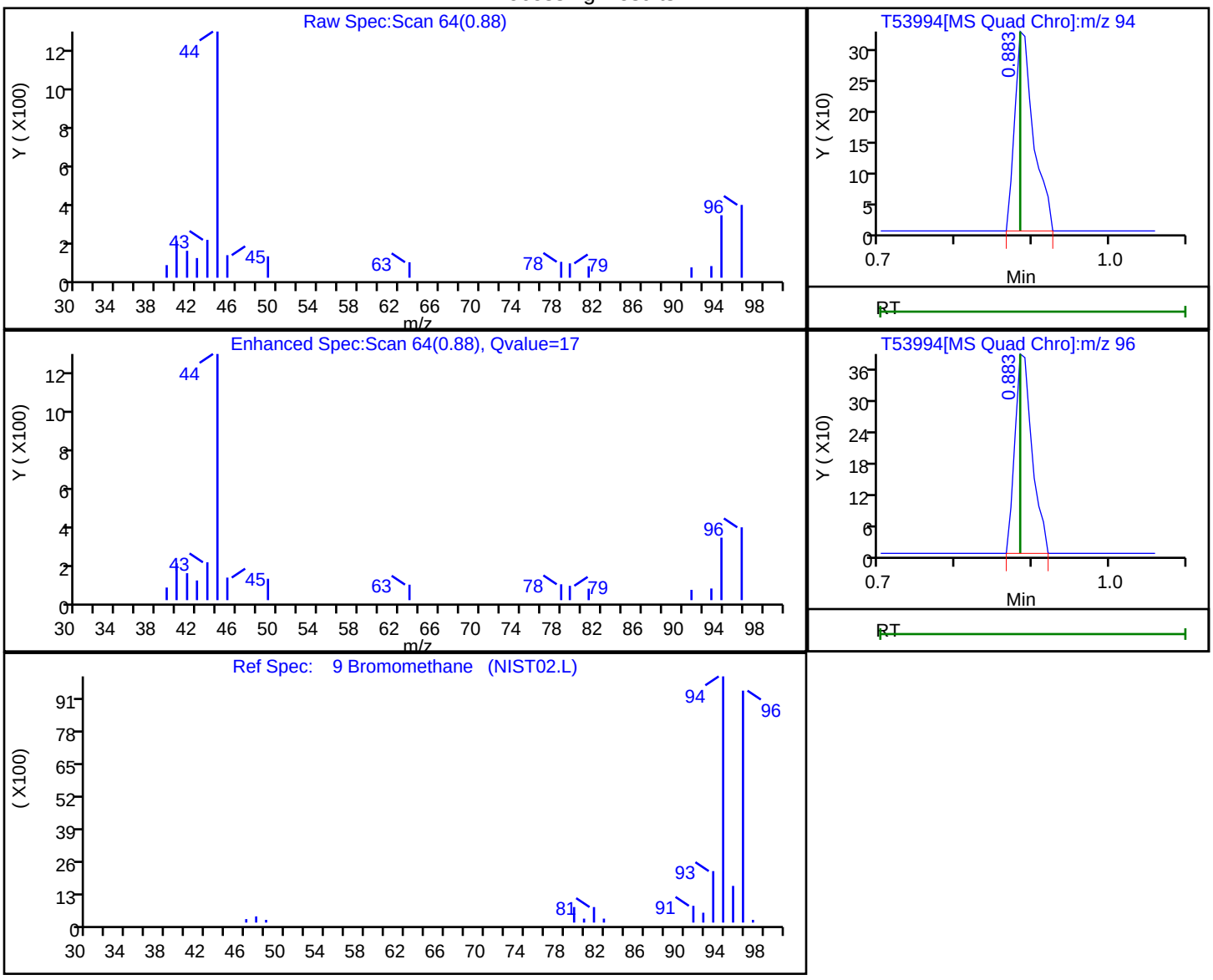
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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
0.88	94.00	559	0.346686
0.88	96.00	596	

Reviewer: desais, 11-Aug-2021 07:26:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

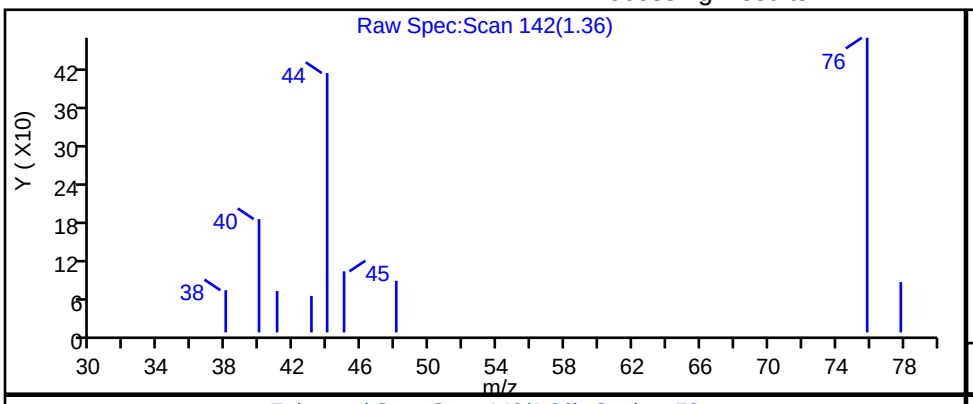
User Disabled Compound Report

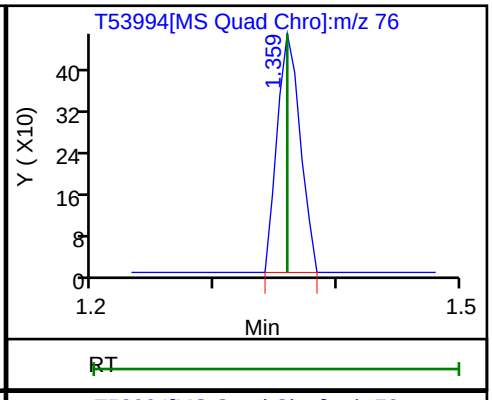
Eurofins TestAmerica, Edison

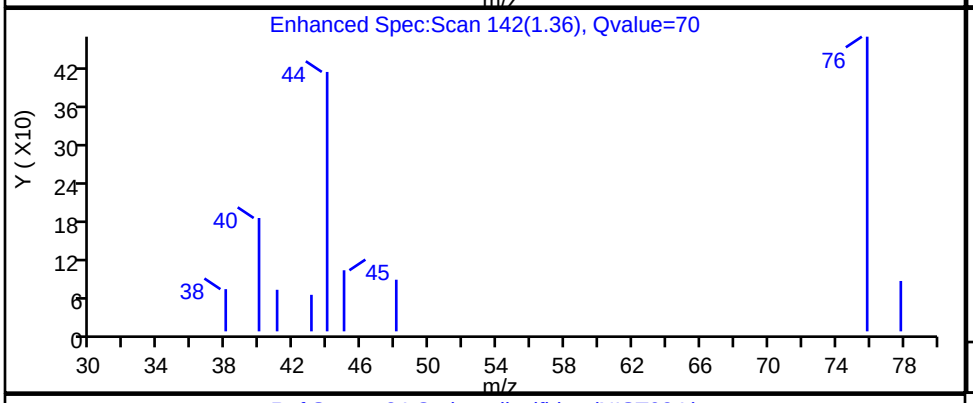
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

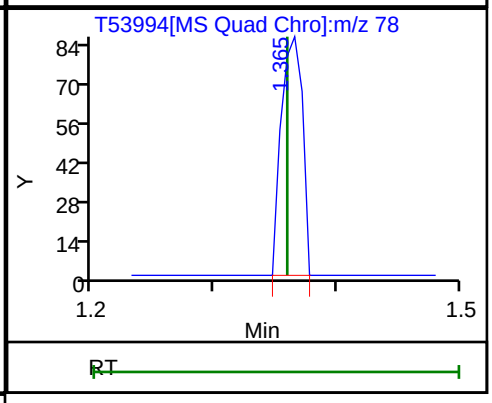
24 Carbon disulfide, CAS: 75-15-0

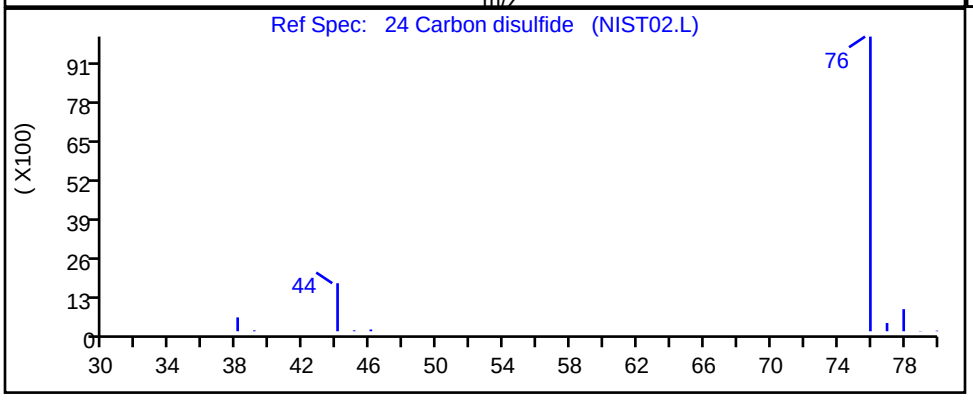
Processing Results











RT	Mass	Response	Amount
1.36	76.00	614	0.049683
1.37	78.00	105	

Reviewer: desais, 11-Aug-2021 07:26:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

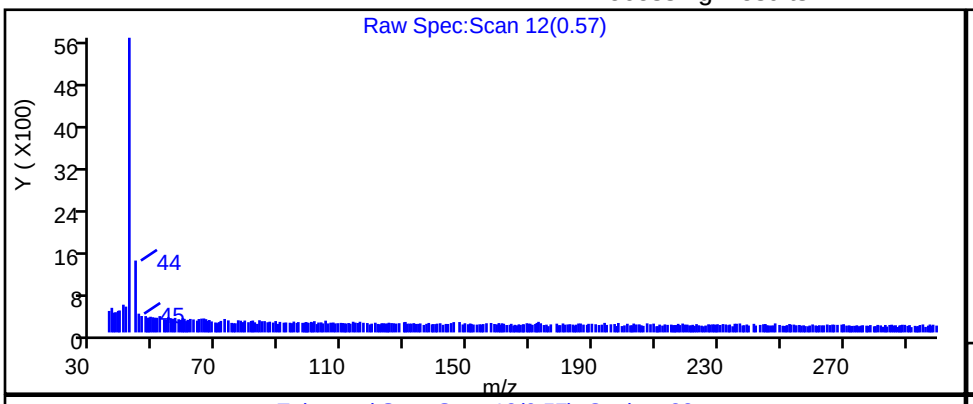
User Disabled Compound Report

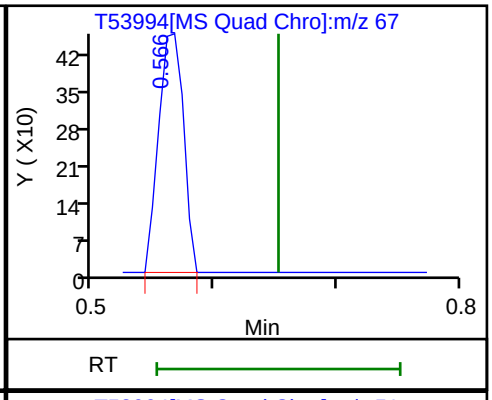
Eurofins TestAmerica, Edison

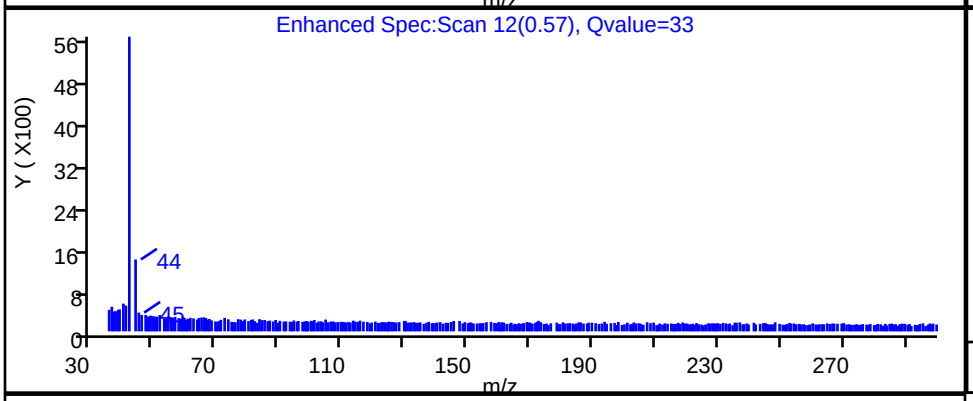
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

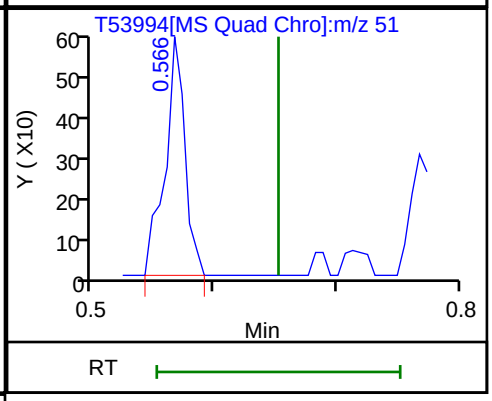
5 Chlorodifluoromethane, CAS: 75-45-6

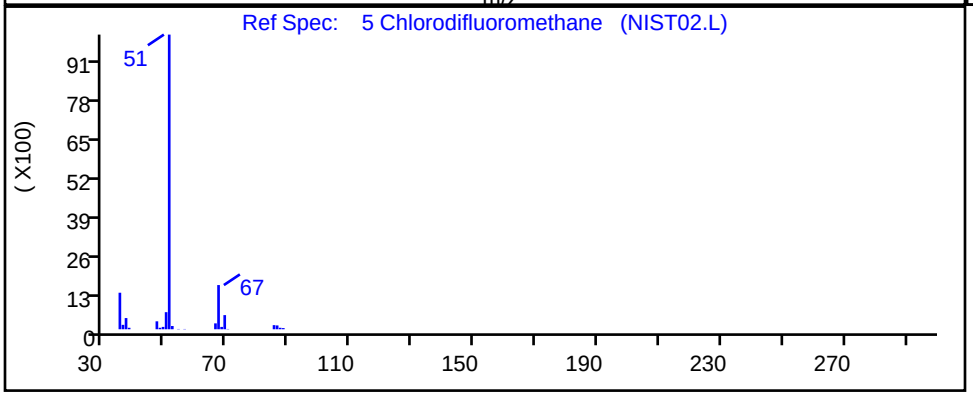
Processing Results











RT	Mass	Response	Amount
0.57	67.00	655	0.786420
0.57	51.00	671	

Reviewer: desais, 11-Aug-2021 07:26:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

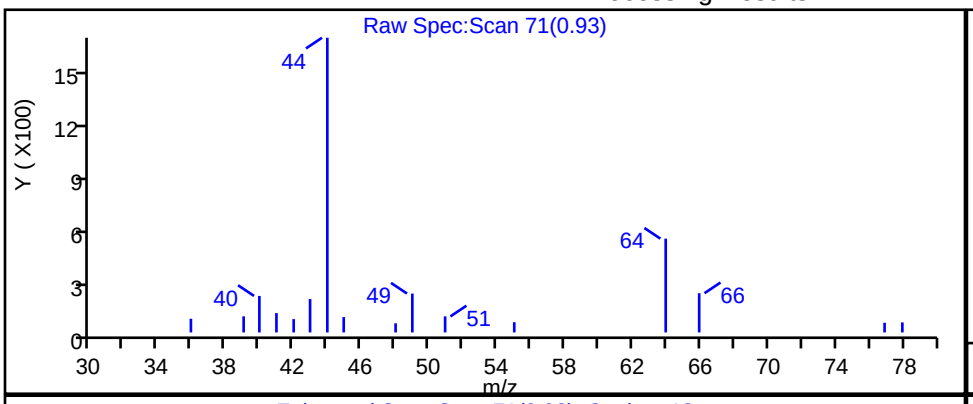
User Disabled Compound Report

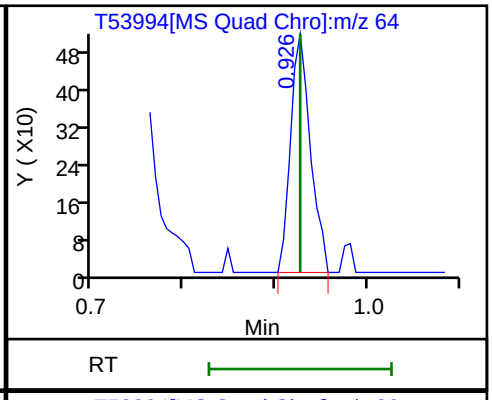
Eurofins TestAmerica, Edison

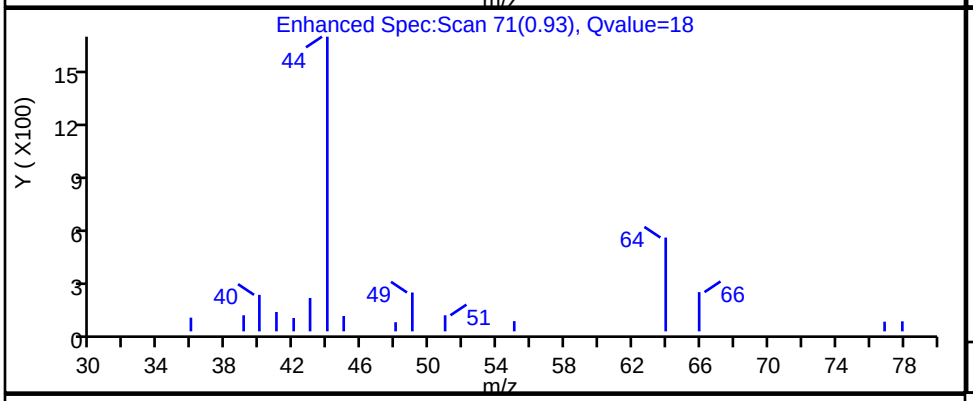
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

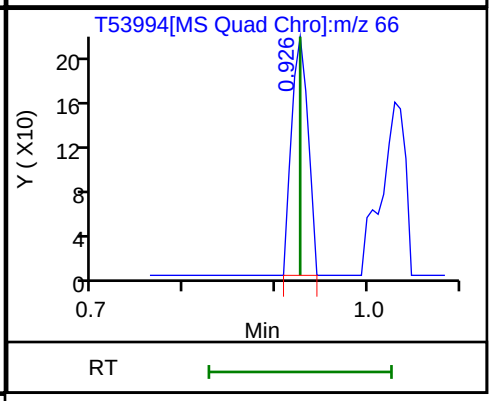
10 Chloroethane, CAS: 75-00-3

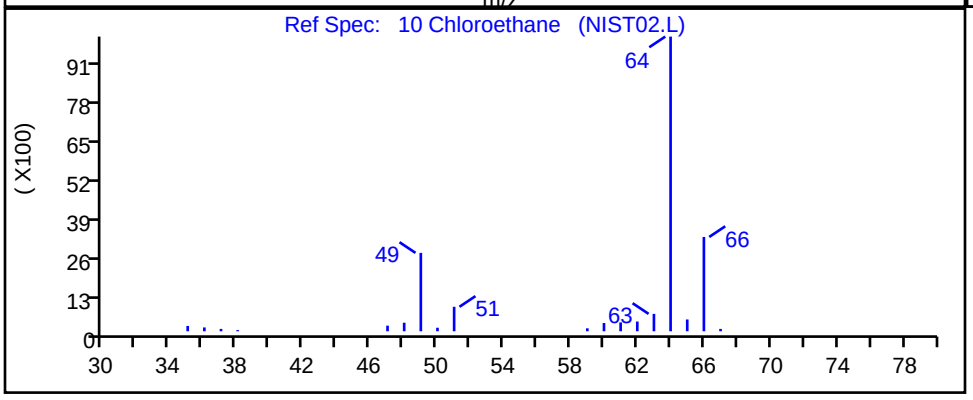
Processing Results











RT	Mass	Response	Amount
0.93	64.00	775	2.545316
0.93	66.00	270	

Reviewer: desais, 11-Aug-2021 07:26:52

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

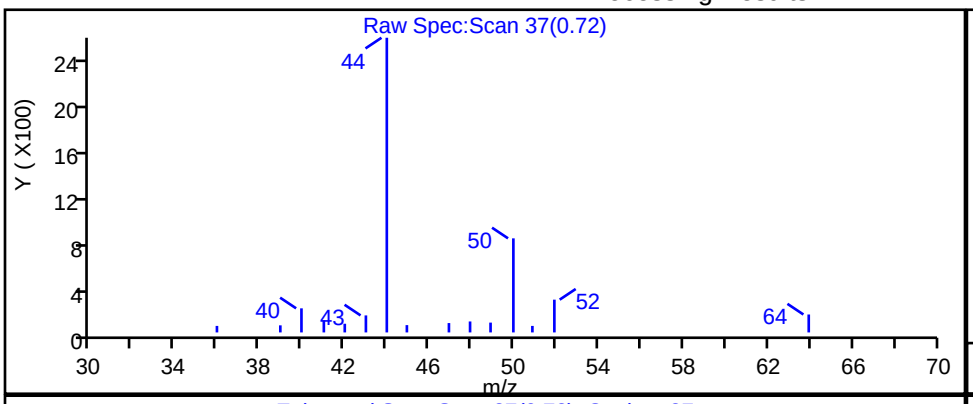
User Disabled Compound Report

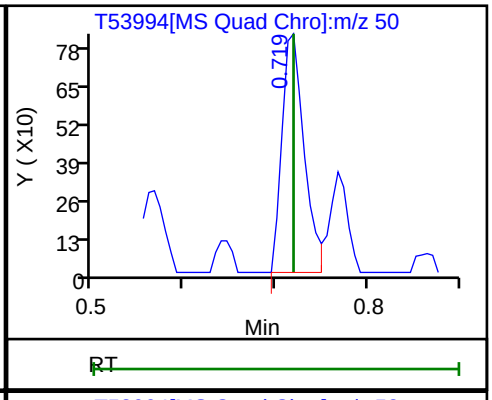
Eurofins TestAmerica, Edison

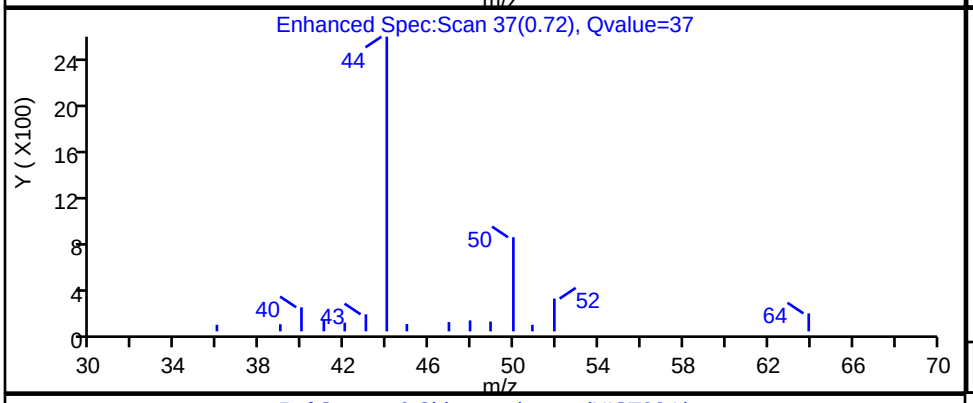
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

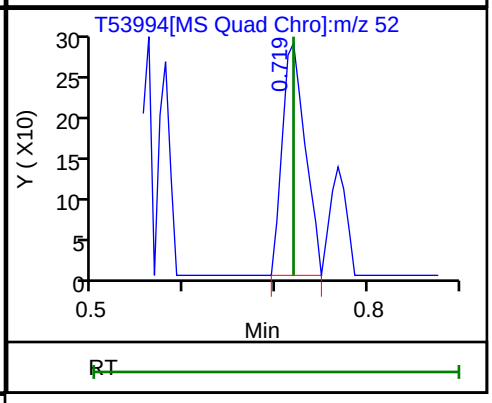
6 Chloromethane, CAS: 74-87-3

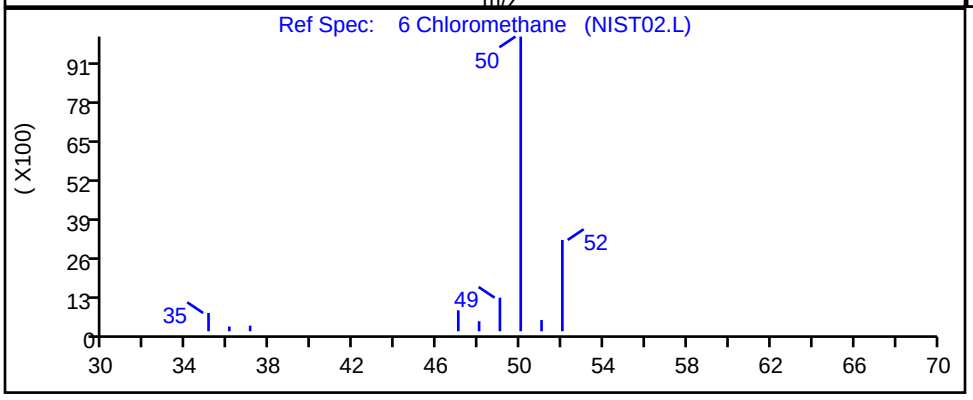
Processing Results











RT	Mass	Response	Amount
0.72	50.00	1393	0.268383
0.72	52.00	499	

Reviewer: desais, 11-Aug-2021 07:26:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

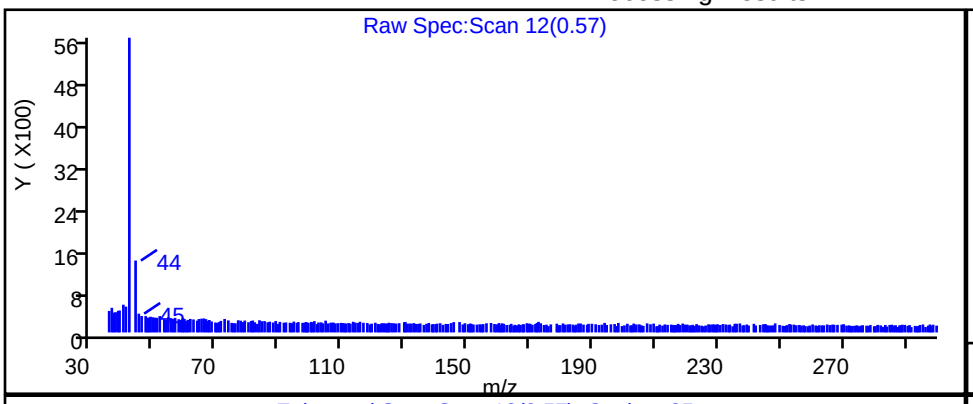
User Disabled Compound Report

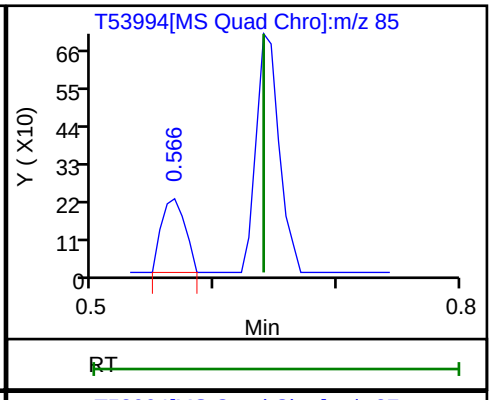
Eurofins TestAmerica, Edison

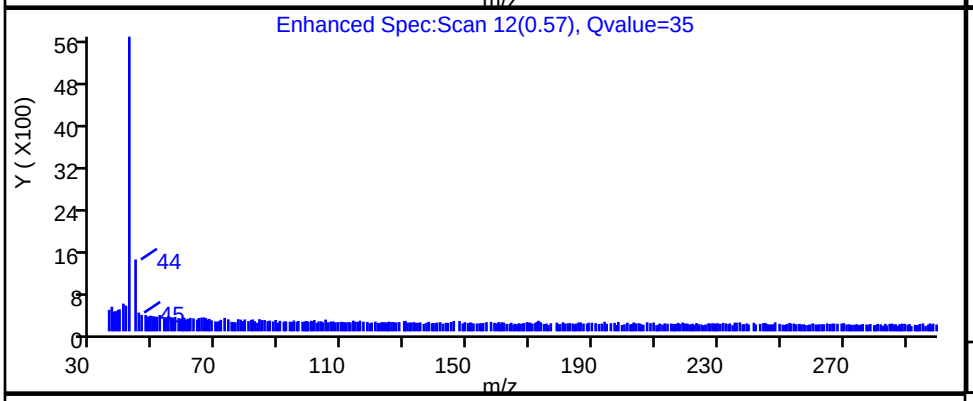
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

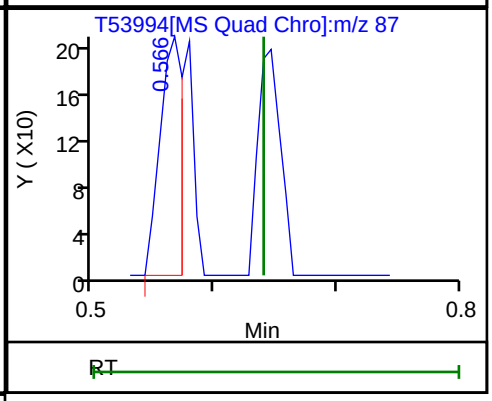
4 Dichlorodifluoromethane, CAS: 75-71-8

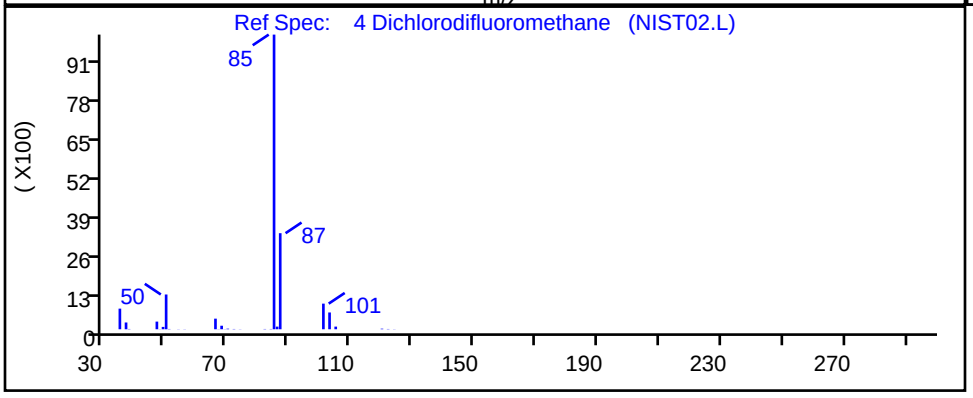
Processing Results











RT	Mass	Response	Amount
0.57	85.00	294	0.057488
0.57	87.00	267	

Reviewer: desais, 11-Aug-2021 07:26:51

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

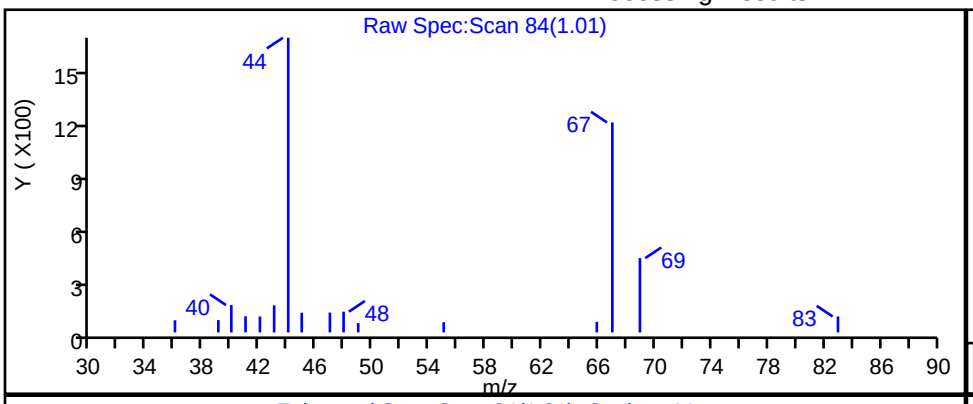
User Disabled Compound Report

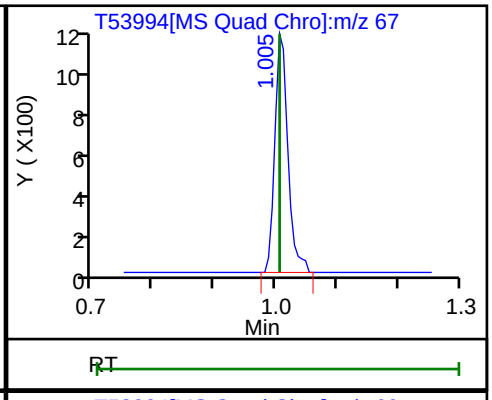
Eurofins TestAmerica, Edison

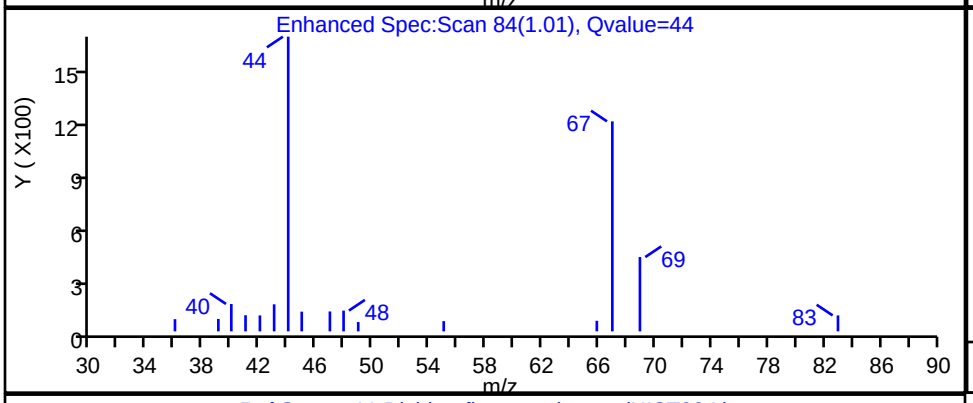
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

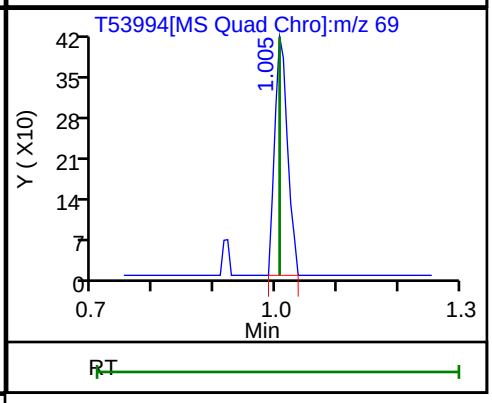
11 Dichlorofluoromethane, CAS: 75-43-4

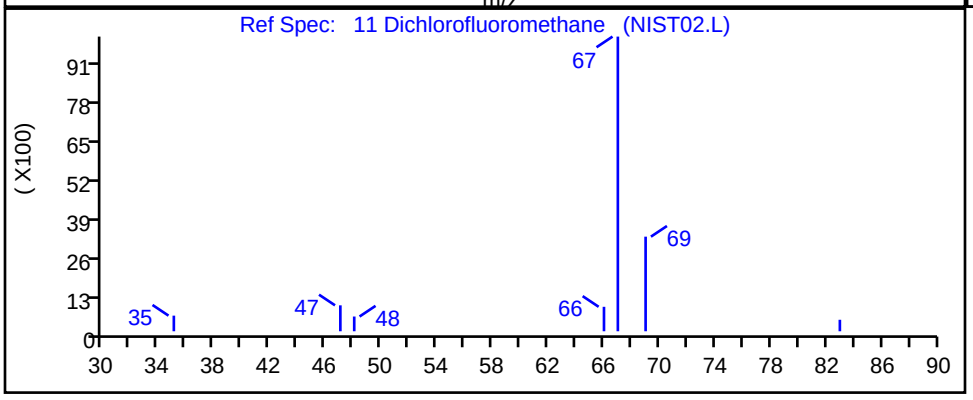
Processing Results











RT	Mass	Response	Amount
1.01	67.00	1751	0.268801
1.01	69.00	603	

Reviewer: desais, 11-Aug-2021 07:26:52

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

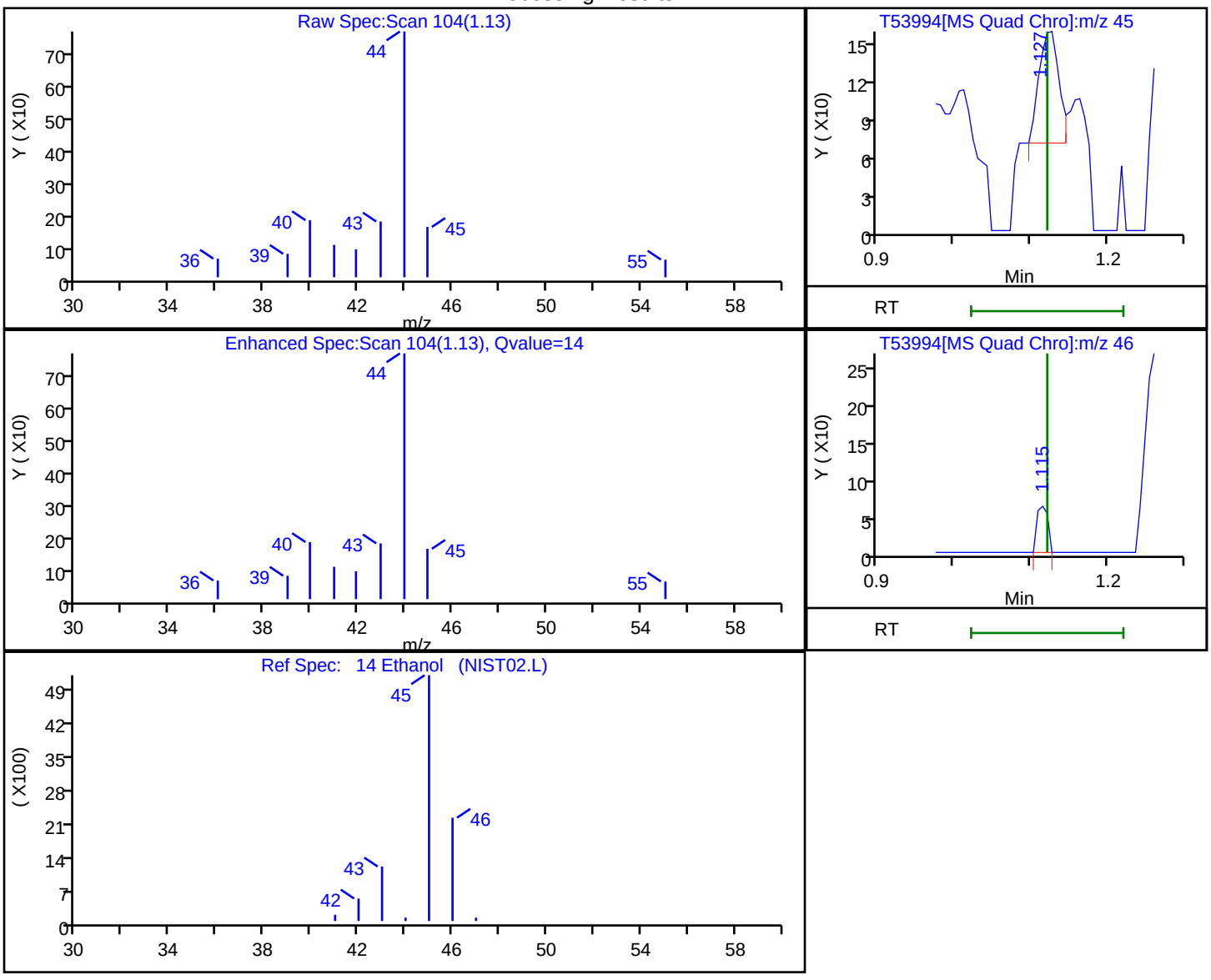
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.13	45.00	161	
1.12	46.00	62	3.251526

Reviewer: desais, 11-Aug-2021 07:26:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

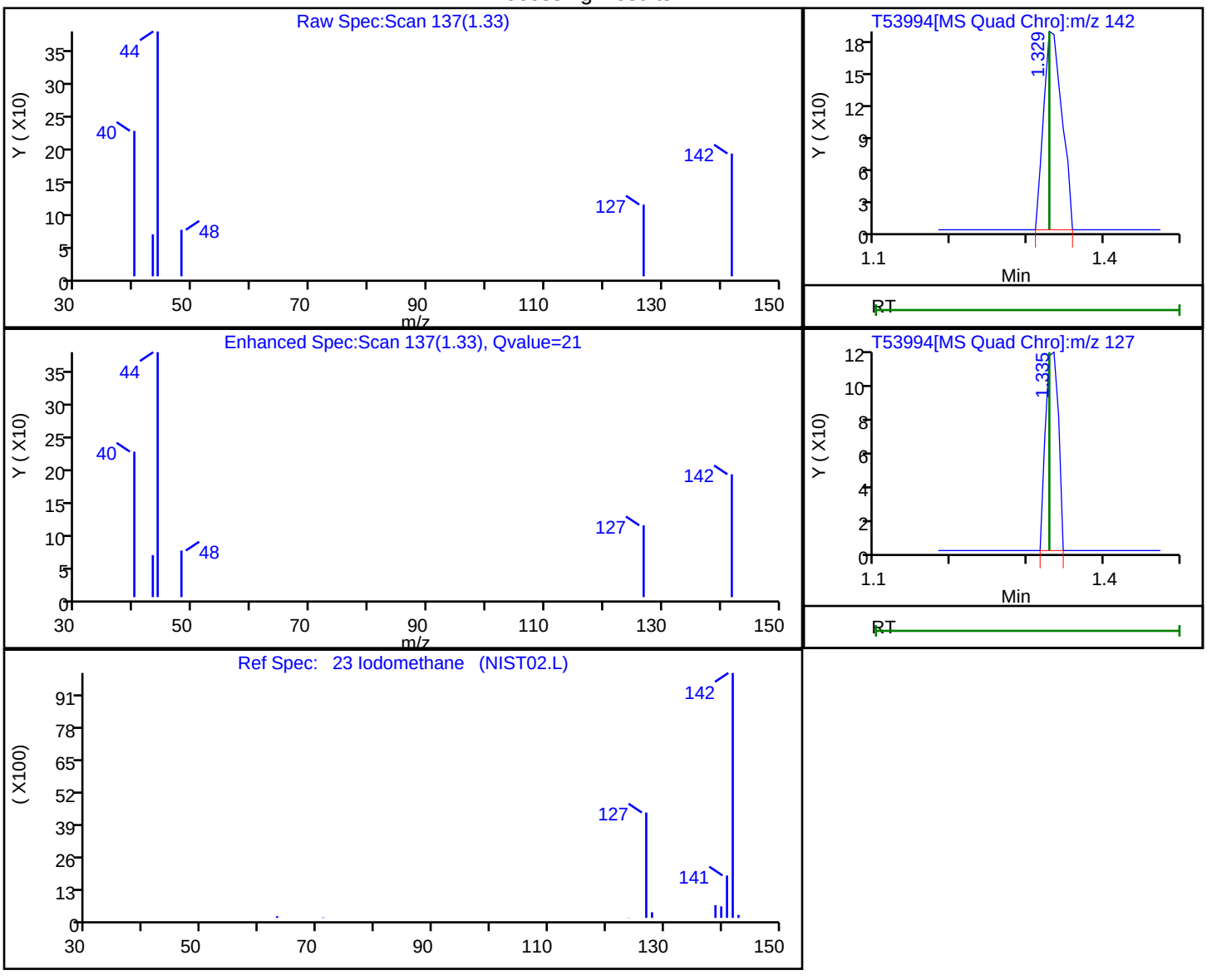
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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
1.33	142.00	318	0.078355
1.33	127.00	134	

Reviewer: desais, 11-Aug-2021 07:26:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

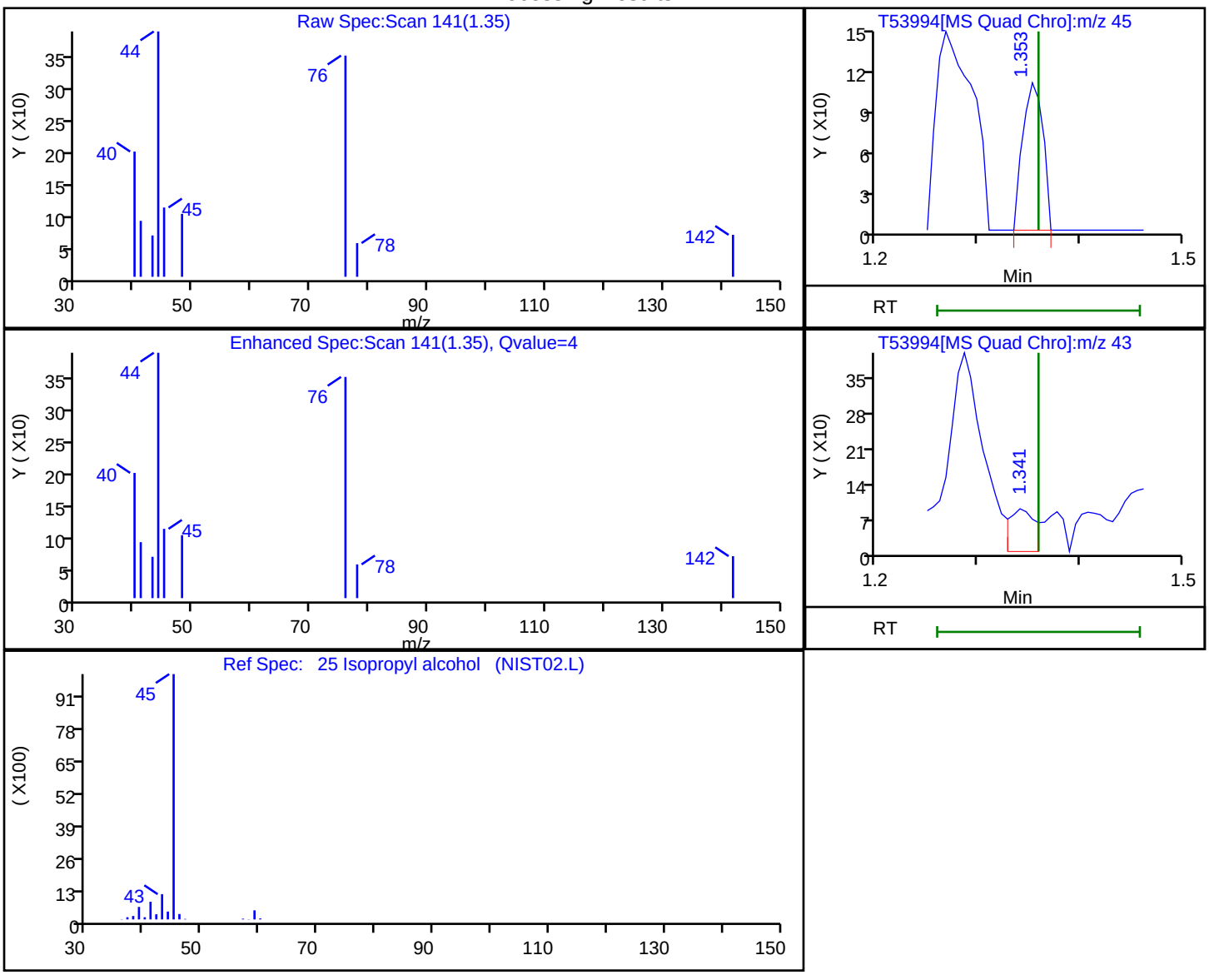
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.35	45.00	151	0.614228
1.34	43.00	157	

Reviewer: desais, 11-Aug-2021 07:26:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

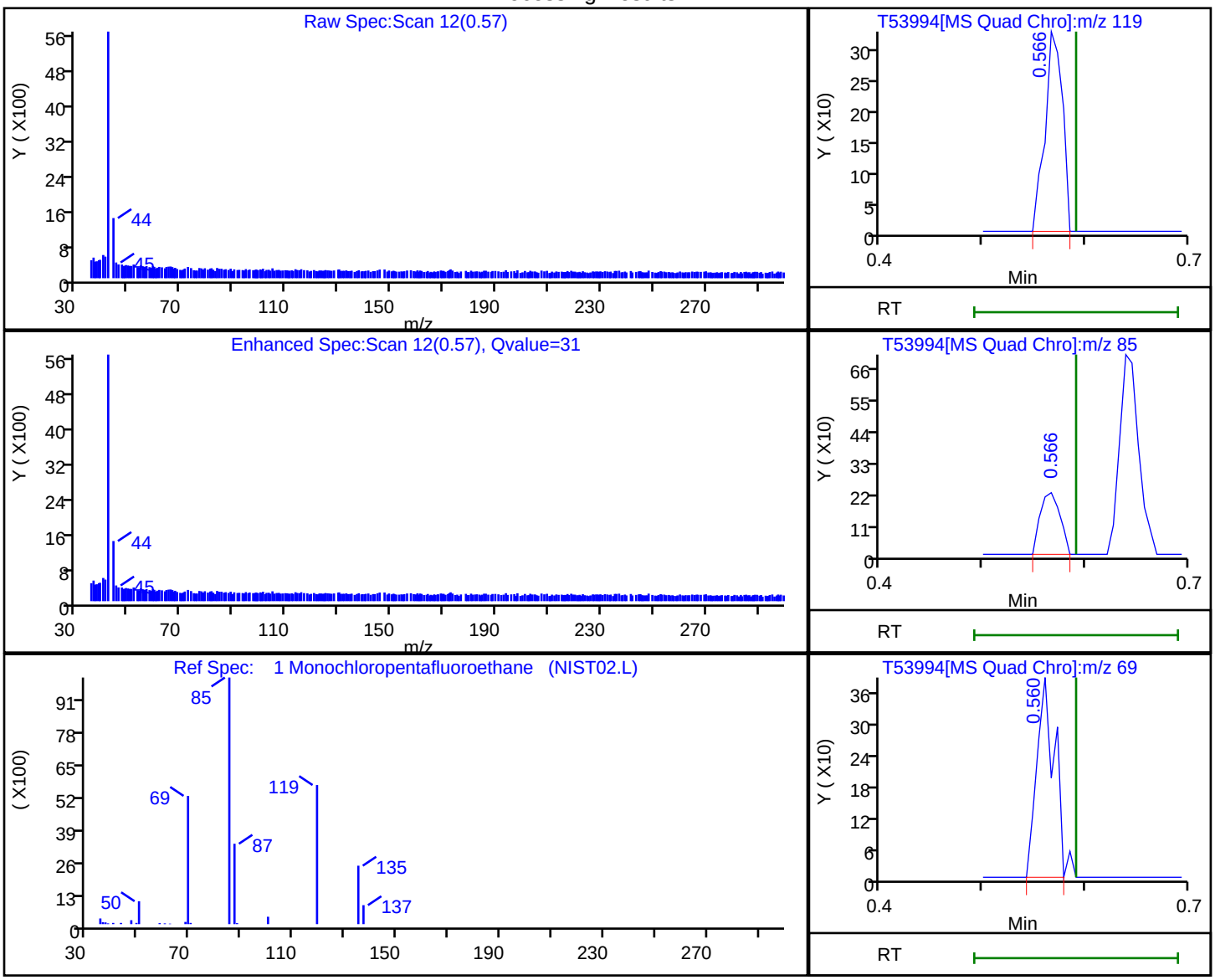
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	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		

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.57	119.00	383	1.467416
0.57	85.00	294	
0.56	69.00	458	
0.57	135.00	268	

Reviewer: desais, 11-Aug-2021 07:26:52

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

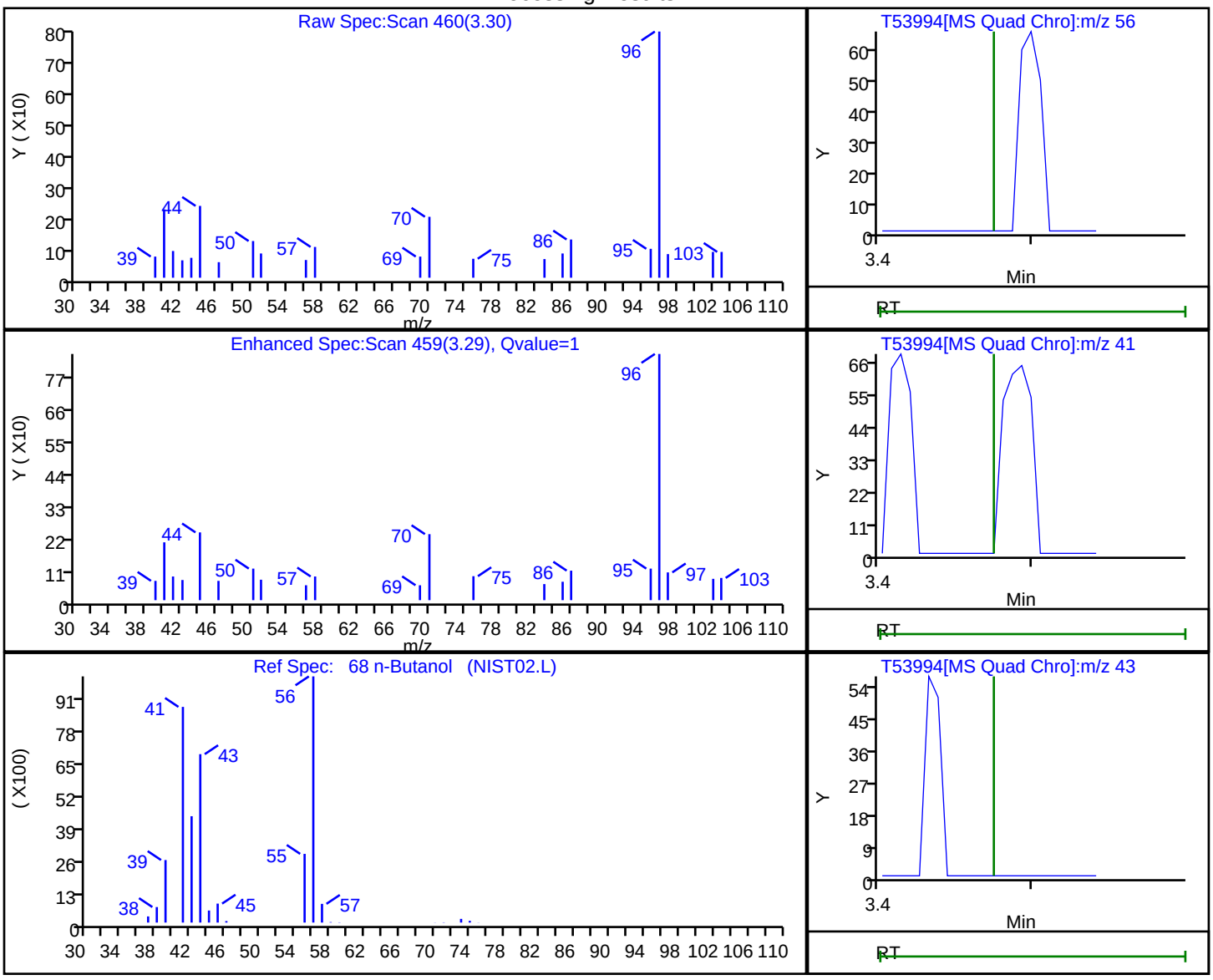
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

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

Processing Results



RT	Mass	Response	Amount
3.30	56.00	60	0.519259
3.30	41.00	127	
3.30	43.00	131	

Reviewer: desais, 11-Aug-2021 07:27:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

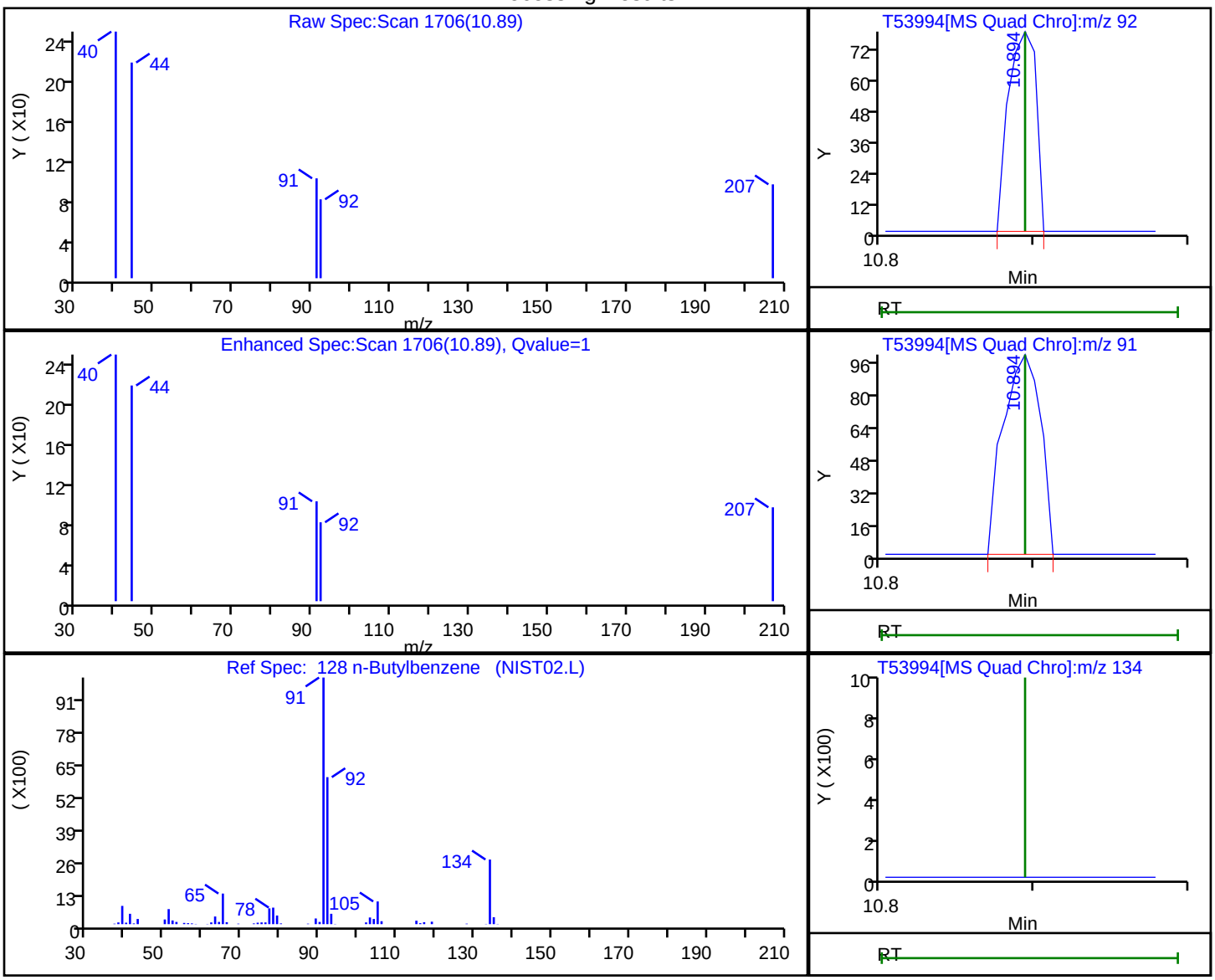
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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
10.89	92.00	99	0.018706
10.89	91.00	169	
10.89	134.00	0	

Reviewer: desais, 11-Aug-2021 07:27:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

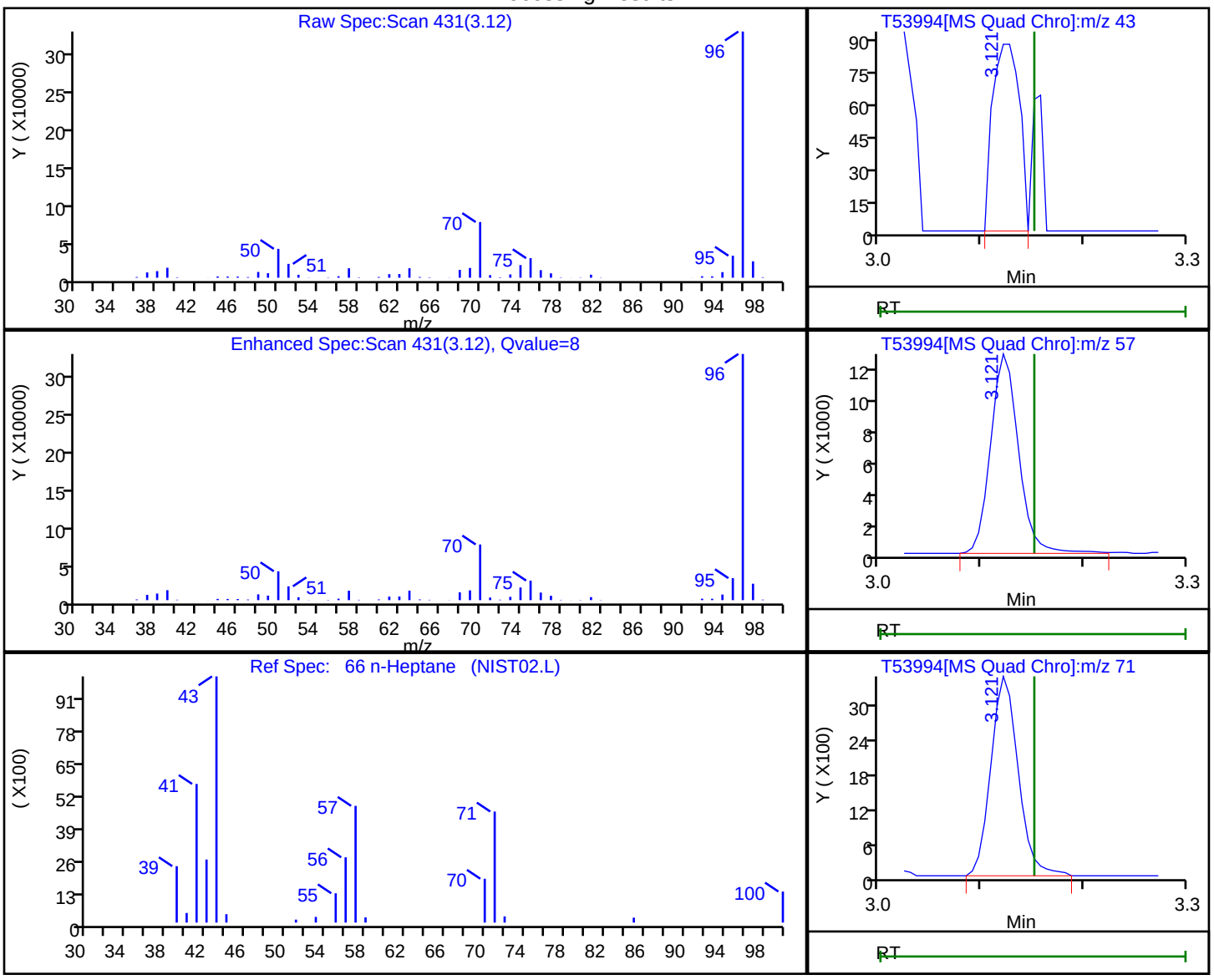
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 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

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

Processing Results



RT	Mass	Response	Amount
3.12	43.00	161	0.042549
3.12	57.00	24029	
3.12	71.00	6435	

Reviewer: desais, 11-Aug-2021 07:27:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

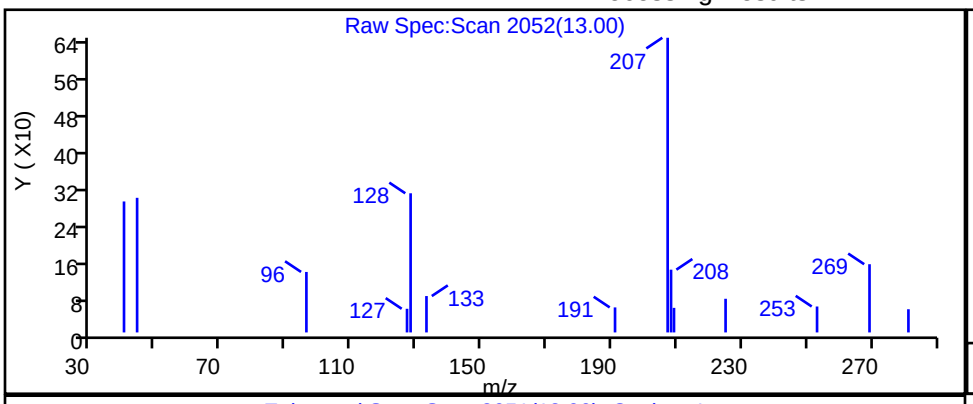
User Disabled Compound Report

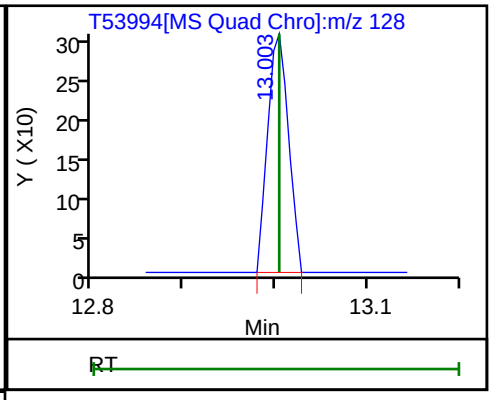
Eurofins TestAmerica, Edison

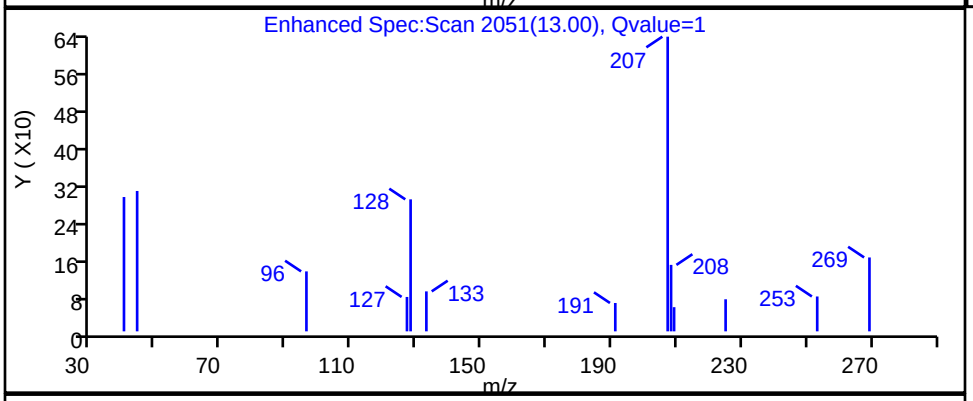
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D
Injection Date: 11-Aug-2021 04:12:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

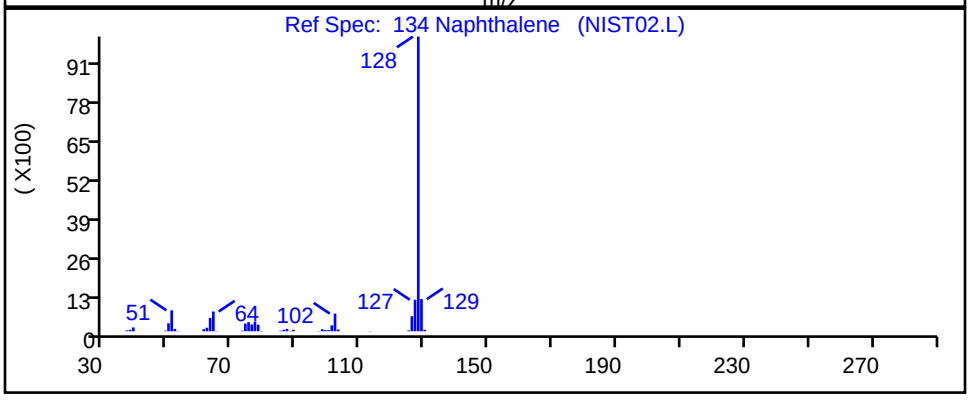
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.00	128.00	483	0.060729

Reviewer: desais, 11-Aug-2021 07:27:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

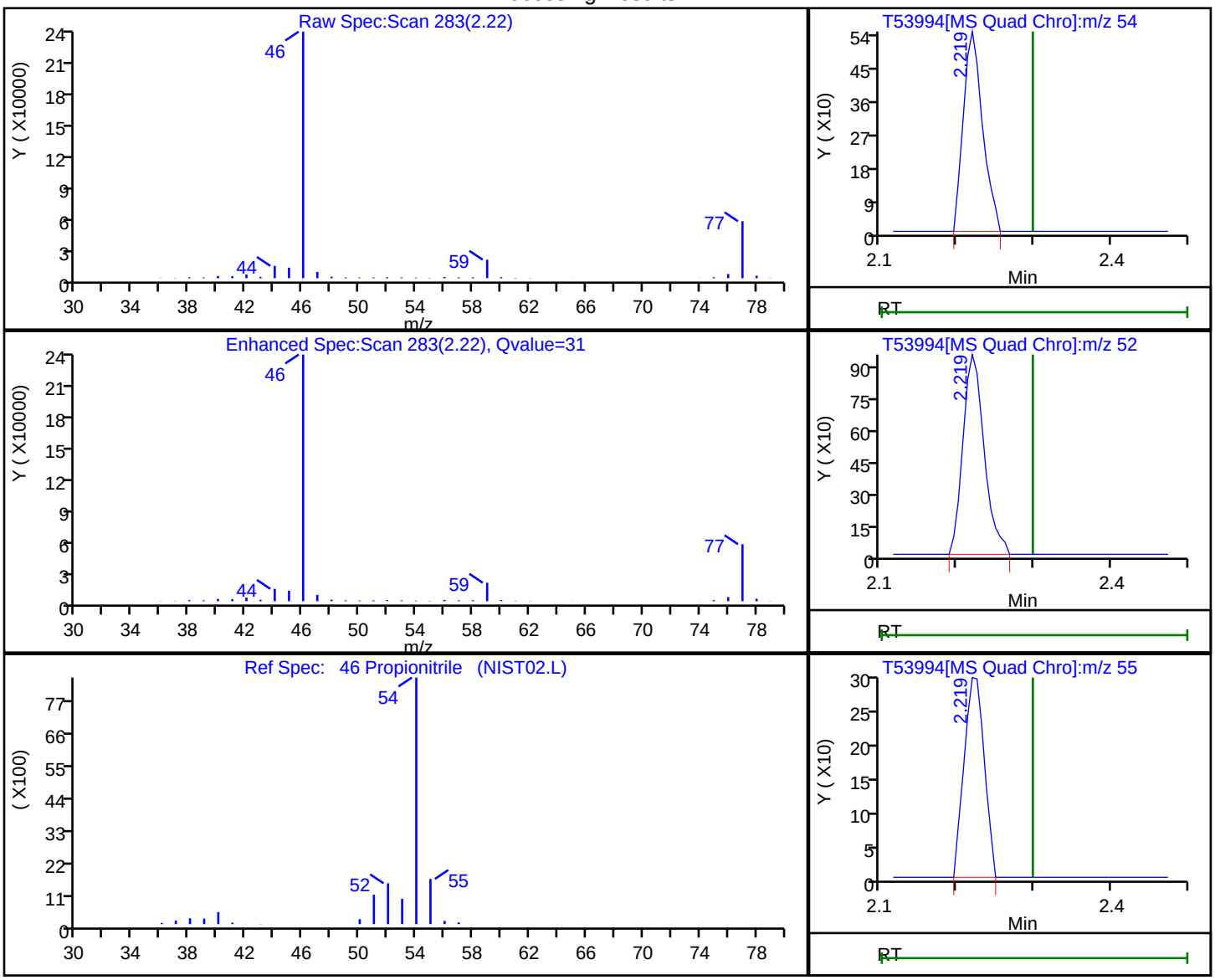
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	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
2.22	54.00	958	1.671884
2.22	52.00	1854	
2.22	55.00	538	

Reviewer: desais, 11-Aug-2021 07:27:00

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

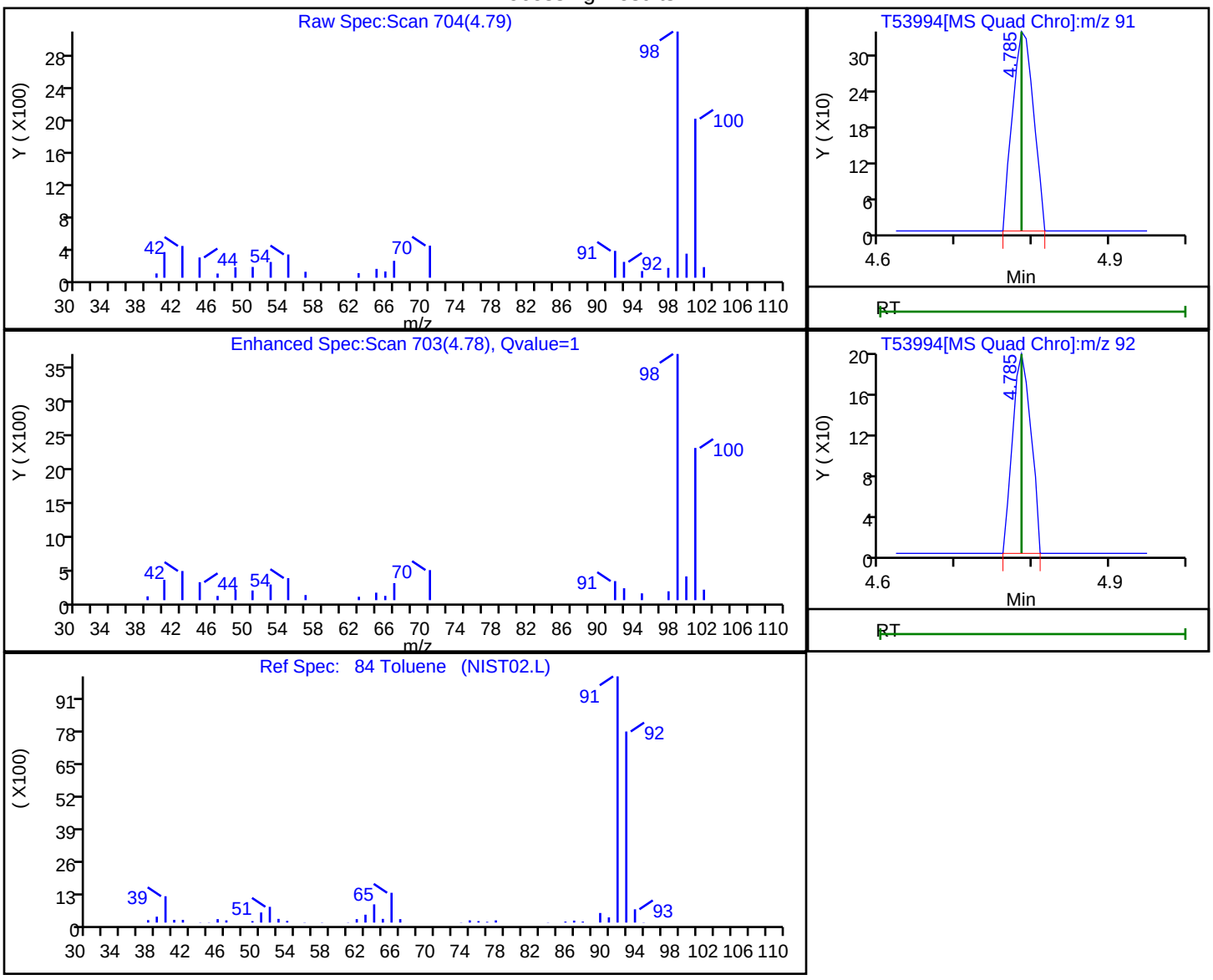
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	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
4.79	91.00	638	0.040200
4.79	92.00	329	

Reviewer: desais, 11-Aug-2021 07:27:12

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

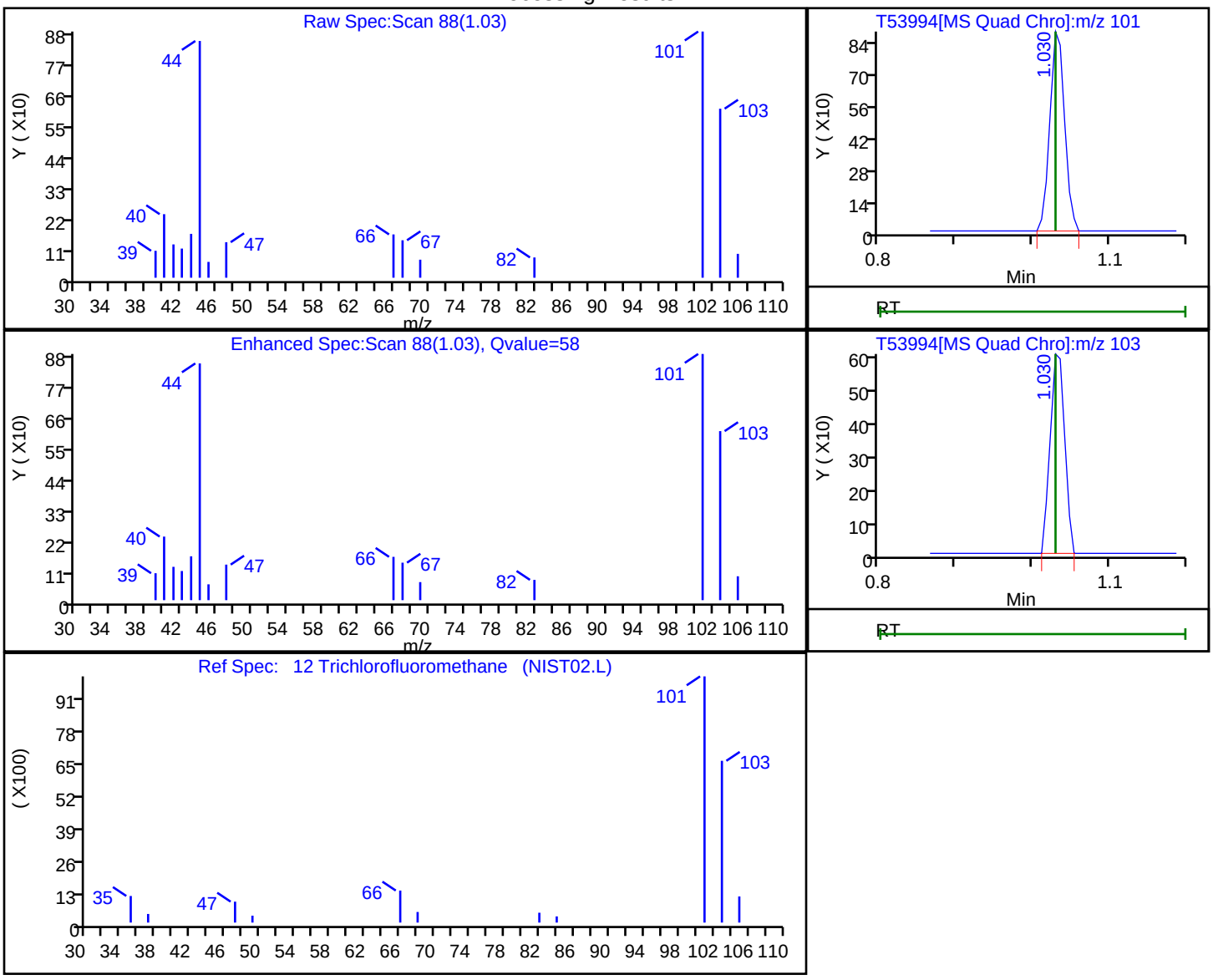
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	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
1.03	101.00	1193	0.245608
1.03	103.00	807	

Reviewer: desais, 11-Aug-2021 07:26:52

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

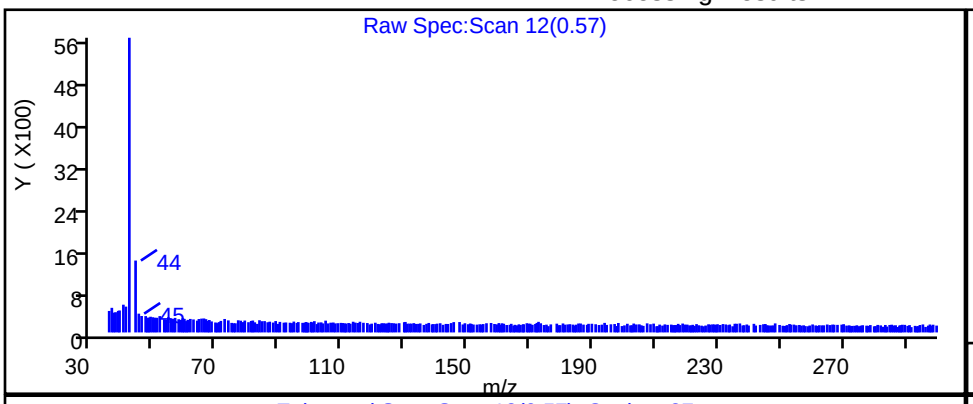
User Disabled Compound Report

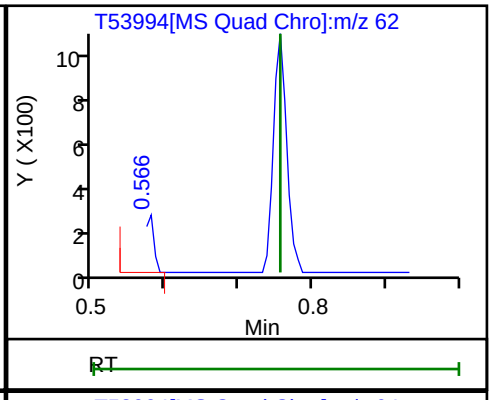
Eurofins TestAmerica, Edison

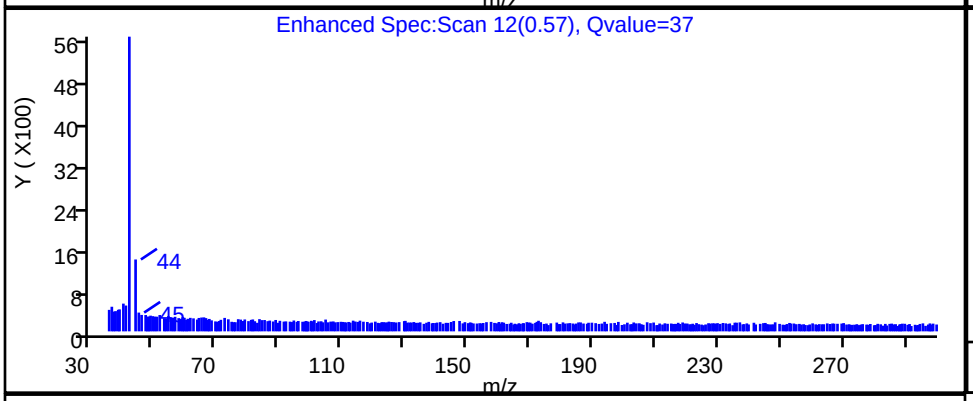
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53994.D				
Injection Date:	11-Aug-2021 04:12:23	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

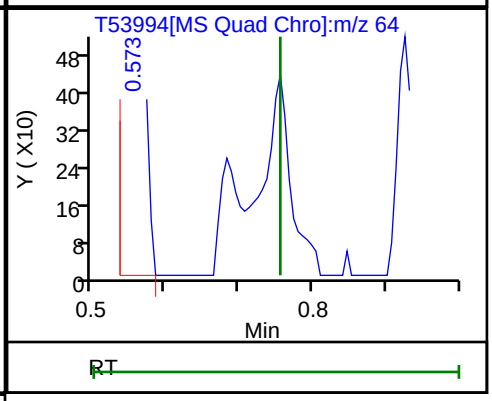
7 Vinyl chloride, CAS: 75-01-4

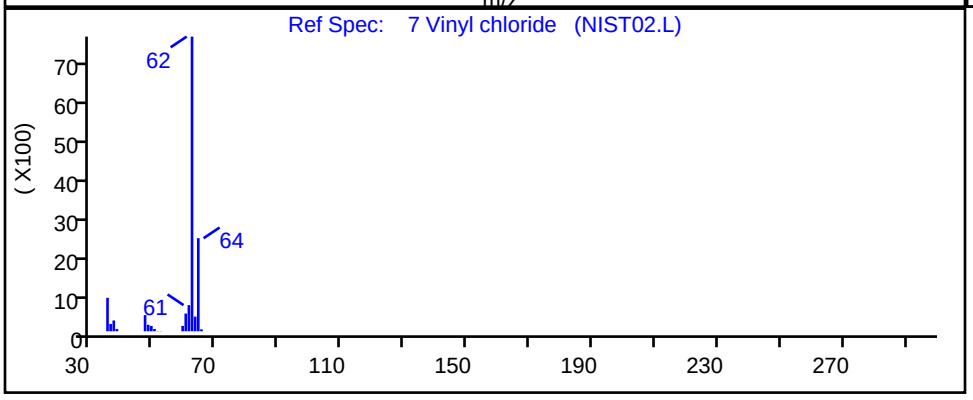
Processing Results











RT	Mass	Response	Amount
0.57	62.00	446	0.084455
0.57	64.00	440	

Reviewer: desais, 11-Aug-2021 07:26:51

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Aug-2021 04:33:28 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0133123-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:32:48 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:26:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.566	0.591	-0.025	18	317	0.5000	1.82	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	19	512	0.5000	0.3765	
2 1,1-Difluoroethane	65	0.634	0.633	0.001	45	1185	0.5000	0.5524	
4 Dichlorodifluoromethane	85	0.646	0.640	0.006	33	1877	0.5000	0.3847	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	49	437	0.5000	0.5247	
6 Chloromethane	50	0.719	0.719	0.000	53	2765	0.5000	0.5384	
7 Vinyl chloride	62	0.755	0.755	0.000	62	2702	0.5000	0.5265	
8 Butadiene	54	0.768	0.768	0.000	82	2171	0.5000	0.5049	
9 Bromomethane	94	0.884	0.883	0.001	47	995	0.5000	0.6309	
10 Chloroethane	64	0.926	0.926	0.000	57	1439	0.5000	0.6343	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	80	3601	0.5000	0.5344	
12 Trichlorofluoromethane	101	1.036	1.030	0.006	75	2370	0.5000	0.4867	
13 Pentane	72	1.066	1.066	0.000	94	446	1.00	0.9015	
14 Ethanol	46	1.121	1.121	0.000	59	415	20.0	19.9	
15 Ethyl ether	59	1.158	1.158	0.000	57	1549	0.5000	0.5032	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	63	1540	0.5000	0.5082	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	84	1960	0.5000	0.5516	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.194	1.188	0.006	66	2900	0.5000	0.5044	
19 Acrolein	56	1.213	1.213	0.000	86	1508	2.03	2.12	
20 1,1-Dichloroethene	96	1.261	1.261	0.000	82	1884	0.5000	0.5428	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.268	1.261	0.007	46	1432	0.5000	0.4385	
22 Acetone	43	1.286	1.286	0.000	78	3785	2.50	3.14	M
23 Iodomethane	142	1.329	1.328	0.001	73	868	0.5000	0.2139	
24 Carbon disulfide	76	1.365	1.359	0.006	98	6477	0.5000	0.5241	
25 Isopropyl alcohol	45	1.365	1.359	0.006	19	1595	5.00	6.34	
26 Acetonitrile	40	1.432	1.426	0.006	84	1440	5.00	4.73	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	86	1213	0.5000	0.4734	
28 Methyl acetate	43	1.450	1.444	0.006	97	3095	1.00	1.06	
29 Cyclopentene	67	1.475	1.475	0.000	91	4967	0.5000	0.5048	
30 Methylene Chloride	84	1.499	1.493	0.006	28	2668	0.5000	0.6266	

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	1.518	1.524	-0.006	99	52557	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.560	1.566	-0.006	23	2249	5.00	5.78	
33 Acrylonitrile	53	1.627	1.621	0.006	95	7419	5.00	4.89	
34 trans-1,2-Dichloroethene	96	1.646	1.639	0.007	65	2050	0.5000	0.5319	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	94	5115	0.5000	0.4882	
36 Hexane	57	1.804	1.804	0.000	88	1875	0.5000	0.4154	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	76	3934	0.5000	0.5039	
38 Vinyl acetate	86	1.920	1.920	0.000	99	661	1.00	0.8531	
39 2-Chloro-1,3-butadiene	88	1.938	1.932	0.006	66	1829	0.5000	0.4969	
40 Isopropyl ether	45	1.932	1.932	0.000	69	6342	0.5000	0.5083	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	83	5179	0.5000	0.4493	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	45	424137	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	44	630	0.5000	0.4674	
43 cis-1,2-Dichloroethene	96	2.249	2.243	0.006	25	2072	0.5000	0.4969	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	37	3754	2.50	2.27	
46 Propionitrile	54	2.304	2.298	0.006	55	2933	5.00	5.02	a
47 Ethyl acetate	70	2.316	2.316	0.000	78	370	1.00	0.8570	
48 Methyl acrylate	55	2.341	2.334	0.007	48	2126	0.5000	0.4935	
50 Methacrylonitrile	67	2.408	2.401	0.007	91	8010	5.00	5.00	
49 Chlorobromomethane	128	2.408	2.408	0.000	38	876	0.5000	0.5237	
51 Tetrahydrofuran	72	2.450	2.444	0.006	70	484	1.00	0.9360	
52 Chloroform	83	2.475	2.475	0.000	81	3708	0.5000	0.5254	
$ 53 Dibromofluoromethane (Surr)	113	2.591	2.590	0.000	95	167565	50.0	50.8	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	19	3014	0.5000	0.4971	
55 Cyclohexane	84	2.639	2.639	0.000	76	2449	0.5000	0.4787	
56 Carbon tetrachloride	117	2.725	2.725	0.000	65	2447	0.5000	0.5032	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	81	3136	0.5000	0.5306	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.840	2.840	0.000	93	217779	50.0	51.7	
59 Isobutyl alcohol	43	2.883	2.877	0.006	11	1440	12.5	11.7	a
60 Benzene	78	2.883	2.883	0.000	92	8248	0.5000	0.5274	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	53	3124	0.5000	0.5788	
62 Isooctane	57	2.975	2.975	0.000	87	3424	0.5000	0.4390	a
63 Isopropyl acetate	61	2.999	2.993	0.006	88	631	0.5000	0.4304	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	70	5071	0.5000	0.4760	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	634798	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	33	2232	0.5000	0.5899	
67 Trichloroethene	95	3.450	3.450	0.000	68	2207	0.5000	0.5149	
68 n-Butanol	56	3.499	3.474	0.025	39	591	12.5	5.25	M
69 Ethyl acrylate	55	3.615	3.609	0.006	81	3786	0.5000	0.4249	
70 Methylcyclohexane	83	3.621	3.621	0.000	68	2127	0.5000	0.4299	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	68	2178	0.5000	0.5002	
72 Dibromomethane	93	3.761	3.761	0.000	17	1246	0.5000	0.5234	
* 73 1,4-Dioxane-d8	96	3.761	3.767	-0.006	23	39354	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	24	1208	25.0	25.7	
75 Methyl methacrylate	100	3.834	3.828	0.006	67	696	1.00	0.7592	
76 n-Propyl acetate	43	3.913	3.907	0.006	83	1924	0.5000	0.3769	
77 Dichlorobromomethane	83	3.944	3.938	0.006	82	2375	0.5000	0.4576	
78 2-Nitropropane	41	4.182	4.182	0.000	72	999	1.00	1.05	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	64	216	0.5012	0.3712	
80 Epichlorohydrin	57	4.340	4.334	0.006	81	3887	10.0	9.29	
81 cis-1,3-Dichloropropene	75	4.426	4.425	0.001	68	3060	0.5000	0.4823	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.633	0.000	91	7166	2.50	2.12	

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	4.712	4.712	0.000	98	609930	50.0	50.9	
84 Toluene	91	4.785	4.785	0.000	89	9015	0.5000	0.5675	
85 trans-1,3-Dichloropropene	75	5.096	5.090	0.006	70	2582	0.5000	0.4644	
86 Ethyl methacrylate	69	5.279	5.279	0.000	54	1926	0.5000	0.4354	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	51	1388	0.5000	0.5010	
88 Tetrachloroethene	166	5.431	5.431	0.000	77	1577	0.5000	0.5037	Ma
89 1,3-Dichloropropane	76	5.492	5.486	0.006	81	2758	0.5000	0.4780	
90 2-Hexanone	43	5.681	5.675	0.006	93	4998	2.50	2.12	
91 Chlorodibromomethane	129	5.761	5.761	0.000	48	1347	0.5000	0.4283	
92 Ethylene Dibromide	107	5.870	5.864	0.006	40	1430	0.5000	0.4435	
93 n-Butyl acetate	43	5.907	5.907	0.000	81	2539	0.5000	0.4756	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	422813	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	39	4497	0.5000	0.4965	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	64	1329	0.5000	0.4418	
97 Ethylbenzene	106	6.773	6.767	0.007	87	2364	0.5000	0.4922	
98 m-Xylene & p-Xylene	106	6.949	6.949	0.000	93	2849	0.5000	0.4921	
99 o-Xylene	106	7.510	7.510	0.000	74	2426	0.5000	0.4515	
100 Styrene	104	7.547	7.541	0.006	83	4140	0.5000	0.4516	
101 n-Butyl acrylate	73	7.651	7.644	0.007	79	1080	0.5000	0.4440	
102 Bromoform	173	7.754	7.748	0.006	42	770	0.5000	0.3999	
103 Amyl acetate (mixed isomers)	43	8.035	8.028	0.007	70	2800	0.5000	0.4728	
104 Isopropylbenzene	105	8.108	8.108	0.000	77	6402	0.5000	0.4709	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	78	146679	50.0	49.1	
106 Bromobenzene	156	8.461	8.455	0.006	73	1599	0.5000	0.5102	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	44	2050	0.5000	0.4727	
108 1,2,3-Trichloropropane	110	8.626	8.620	0.006	60	543	0.5000	0.4740	
109 trans-1,4-Dichloro-2-butene	53	8.724	8.717	0.007	24	562	0.5000	0.4193	
110 N-Propylbenzene	91	8.754	8.754	0.000	84	8409	0.5000	0.4932	
111 2-Chlorotoluene	91	8.803	8.809	-0.006	66	5386	0.5000	0.5245	
112 4-Ethyltoluene	105	8.955	8.949	0.006	79	6271	0.5000	0.5027	
113 4-Chlorotoluene	91	8.998	8.992	0.006	82	5936	0.5000	0.5017	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	81	4695	0.5000	0.4687	
115 Butyl Methacrylate	87	9.388	9.388	0.000	63	1430	0.5000	0.3758	
116 tert-Butylbenzene	119	9.565	9.565	0.000	66	3775	0.5000	0.4698	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	78	5025	0.5000	0.4909	
118 sec-Butylbenzene	105	9.931	9.931	0.000	80	5849	0.5000	0.4870	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	72	2672	0.5000	0.5046	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	188123	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	36	2761	0.5000	0.5046	a
122 4-Isopropyltoluene	119	10.217	10.211	0.006	61	4480	0.5000	0.4732	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	79	4928	0.5000	0.4758	
124 Benzyl chloride	91	10.431	10.430	0.001	62	3061	0.5000	0.4300	
125 2,3-Dihydroindene	117	10.583	10.583	0.000	82	4513	0.5000	0.4670	
126 1,2-Dichlorobenzene	146	10.748	10.747	0.001	64	2524	0.5000	0.4958	
127 p-Diethylbenzene	119	10.863	10.863	0.000	71	2304	0.5000	0.4836	
128 n-Butylbenzene	92	10.894	10.894	0.000	80	2489	0.5000	0.4759	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	4	282	0.5000	0.4015	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	69	3475	0.5000	0.4414	
131 1,3,5-Trichlorobenzene	180	12.162	12.156	0.006	46	1361	0.5000	0.4882	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	51	1114	0.5000	0.4461	
134 Naphthalene	128	13.003	13.003	0.000	88	3635	0.5000	0.4625	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	1	602	0.5000	0.5715	

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	13.229	13.223	0.006	32	950	0.5000	0.4581	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.03	
S 137 Xylenes, Total	100				0		1.00	0.9436	
S 140 Total BTEX	1				0		2.50	2.53	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9466	
S 138 Total 1,2-dichloroethene	1				0			1.03	

QC Flag Legend

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

Reagents:

8260MIX1COMB_00141	Amount Added:	5.00	Units: uL	
ACROLEIN W_00129	Amount Added:	2.00	Units: uL	
GASES Li_00432	Amount Added:	5.00	Units: uL	
524freon_00041	Amount Added:	5.00	Units: uL	
14DIOXINTER_00132	Amount Added:	15.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:32:49 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D

Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15

Lims ID: STD05

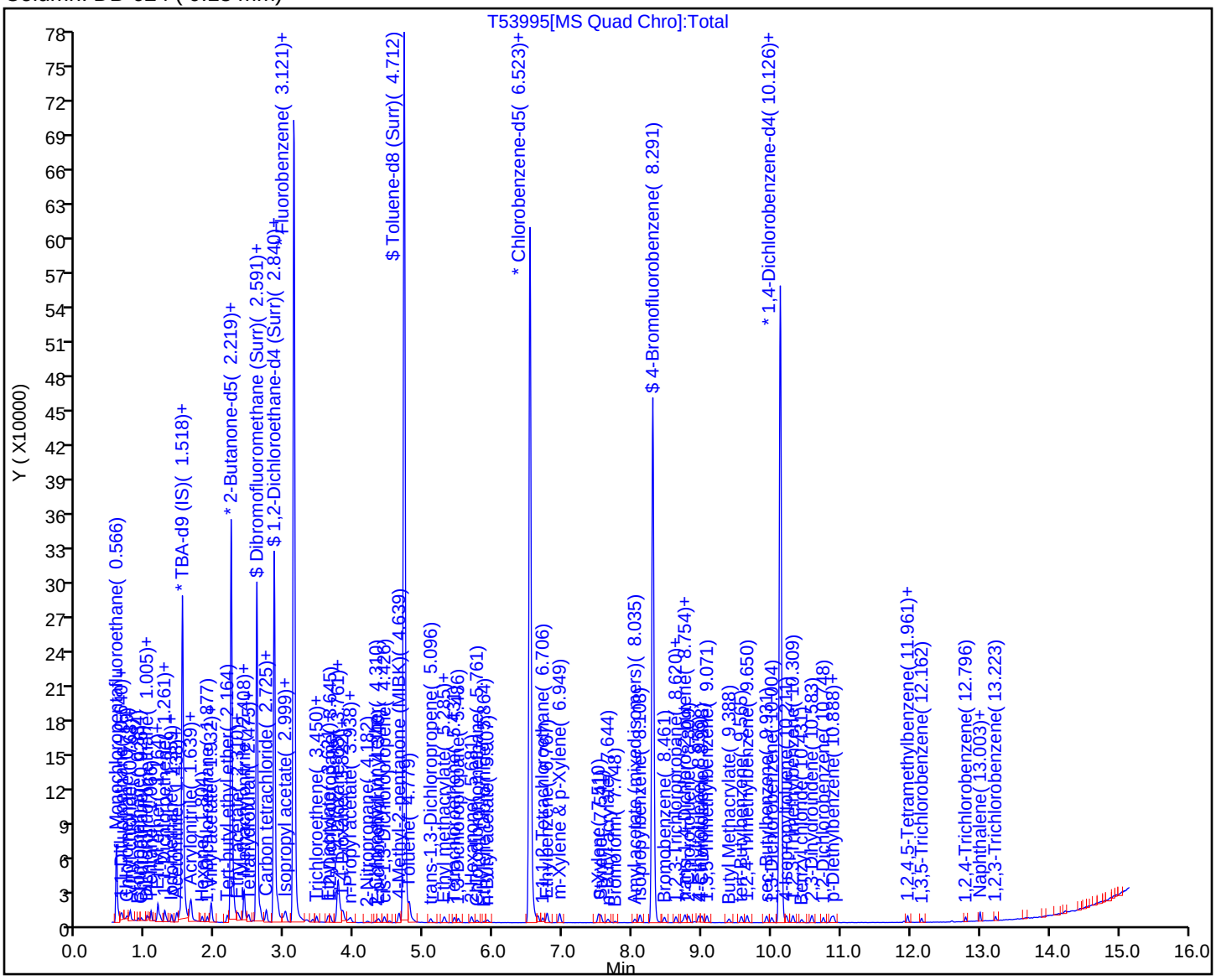
Client ID:

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 TestAmerica, Edison

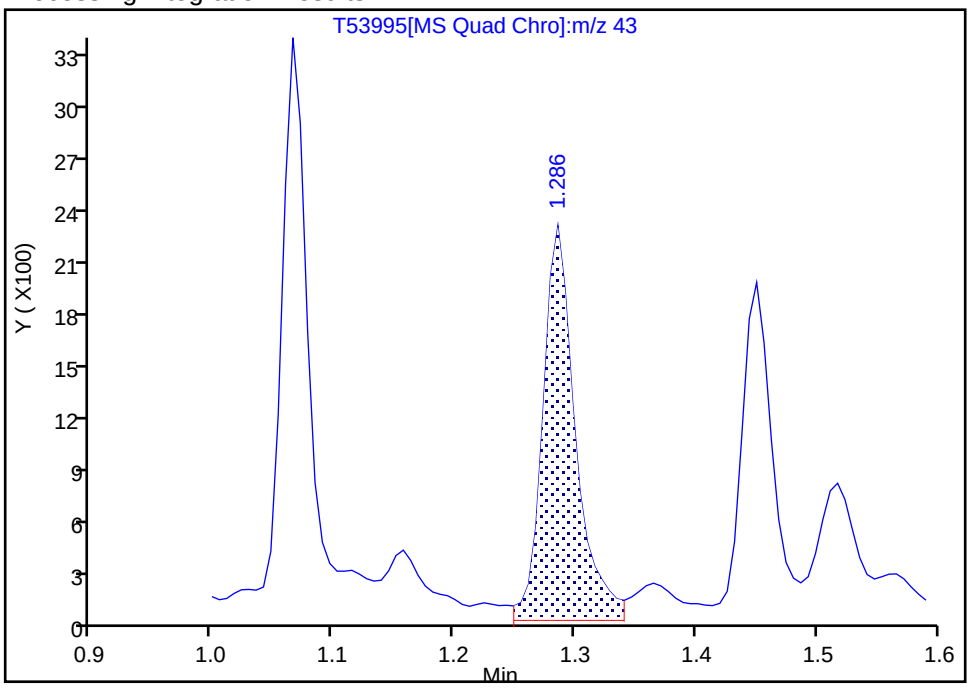
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

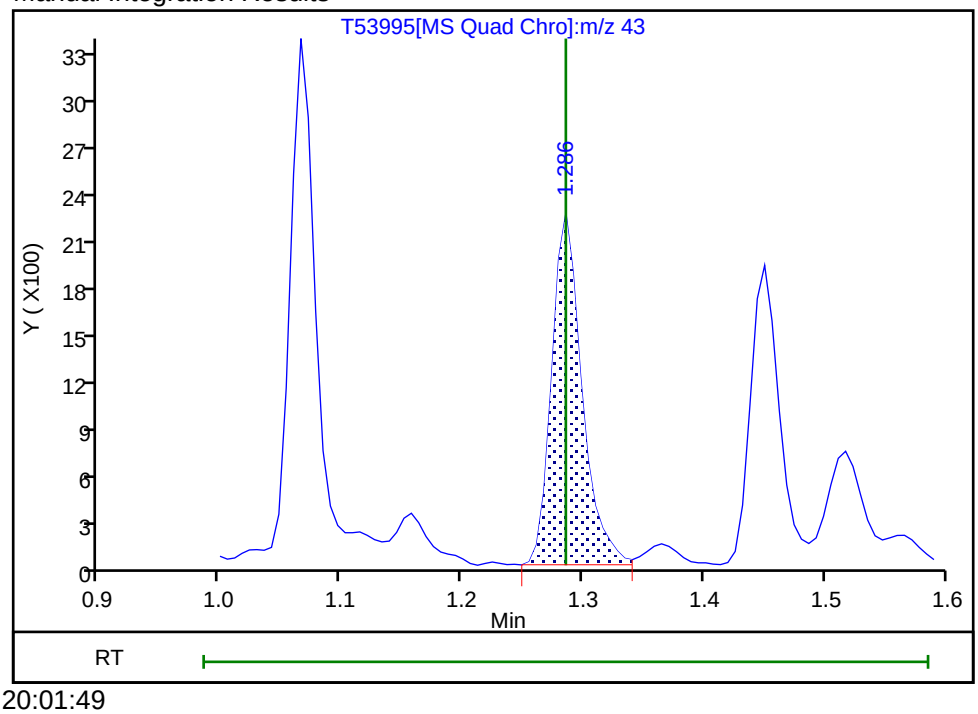
Processing Integration Results

RT: 1.29
Area: 4277
Amount: 3.409032
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 3785
Amount: 3.139715
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 20:01:49
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

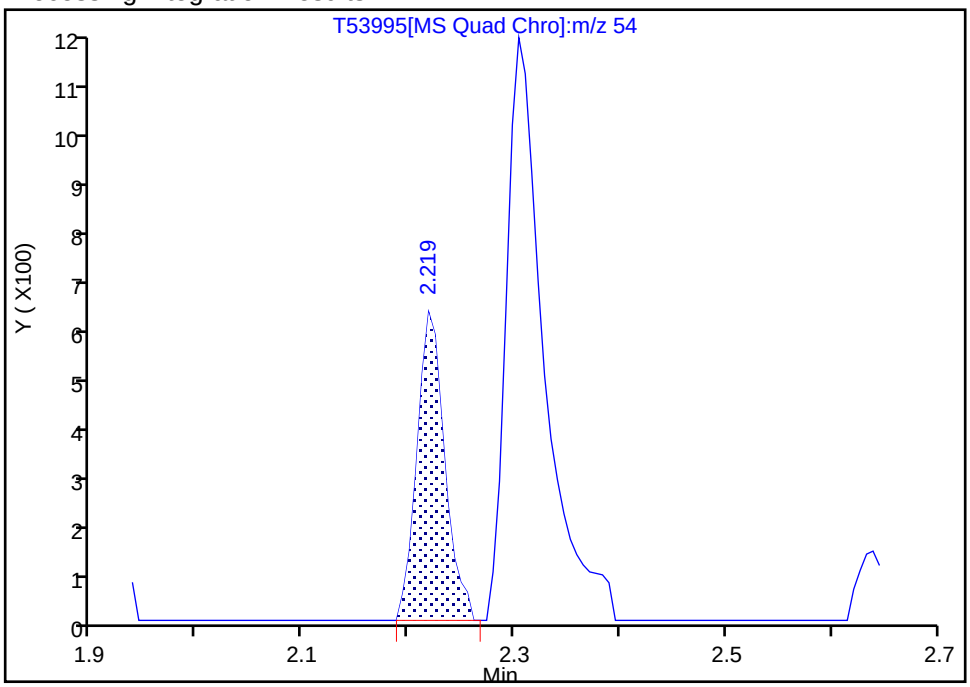
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

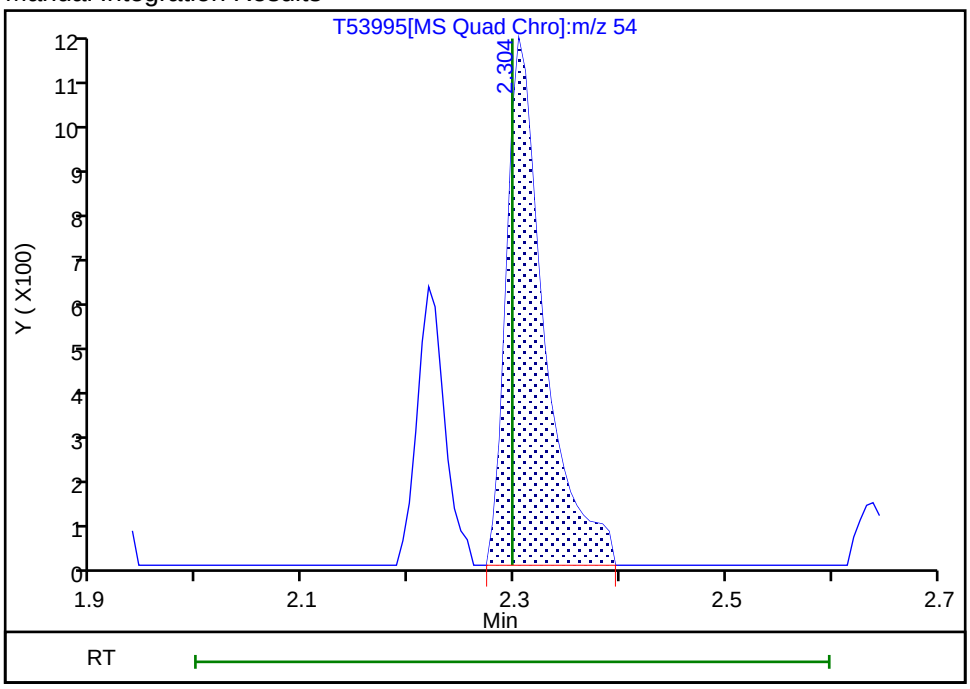
Processing Integration Results

RT: 2.22
Area: 1134
Amount: 1.857313
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 2933
Amount: 5.019241
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:25:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

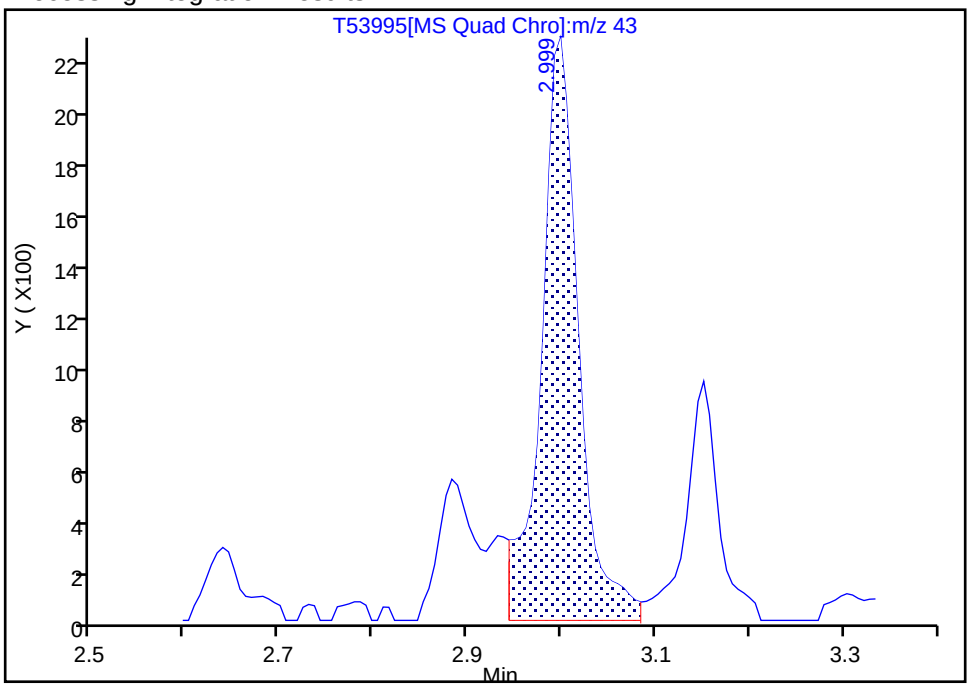
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

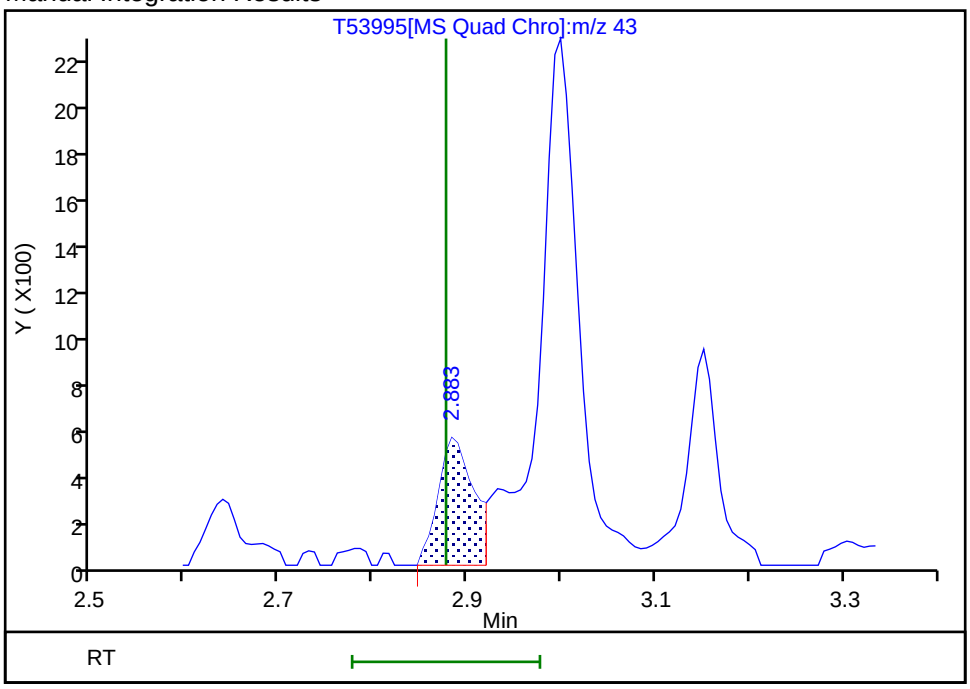
Processing Integration Results

RT: 3.00
Area: 6173
Amount: 15.471865
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 1440
Amount: 11.660014
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:25:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

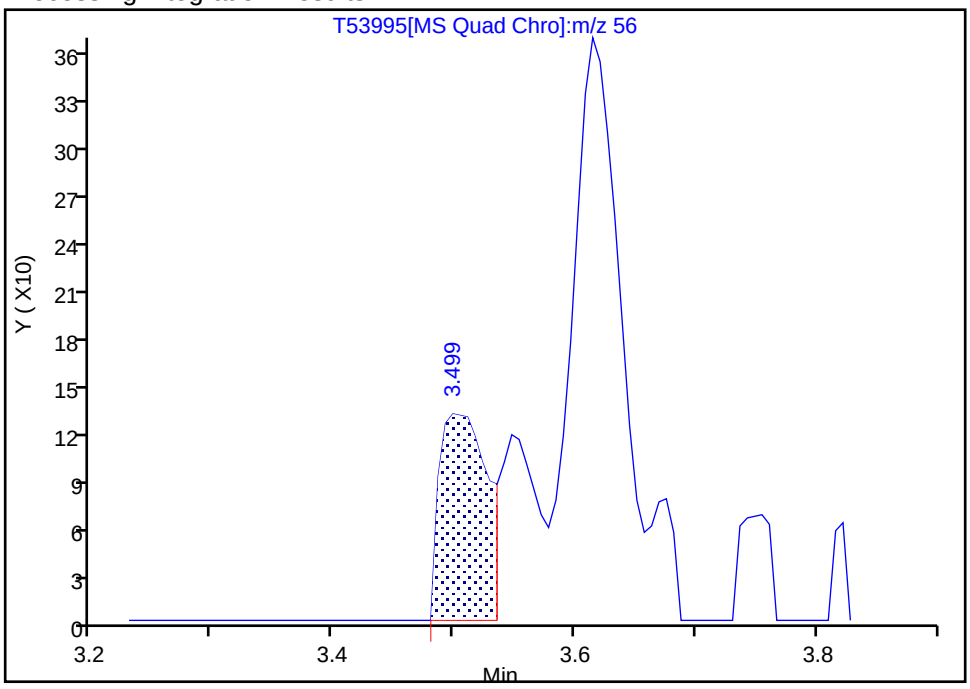
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

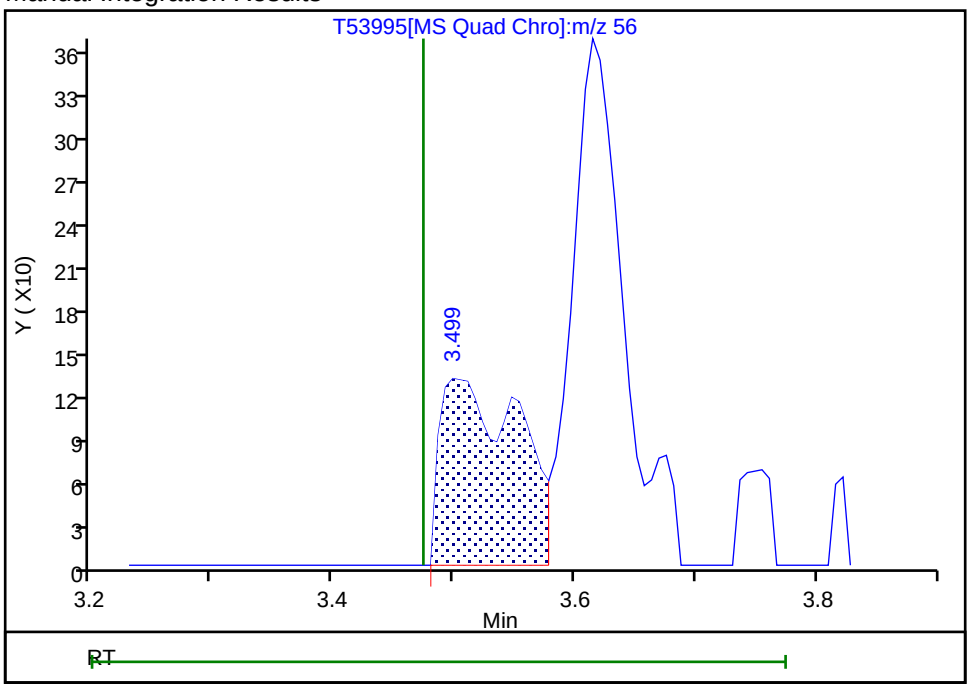
Processing Integration Results

RT: 3.50
Area: 360
Amount: 3.194899
Amount Units: ug/l



Manual Integration Results

RT: 3.50
Area: 591
Amount: 5.245209
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 20:01:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

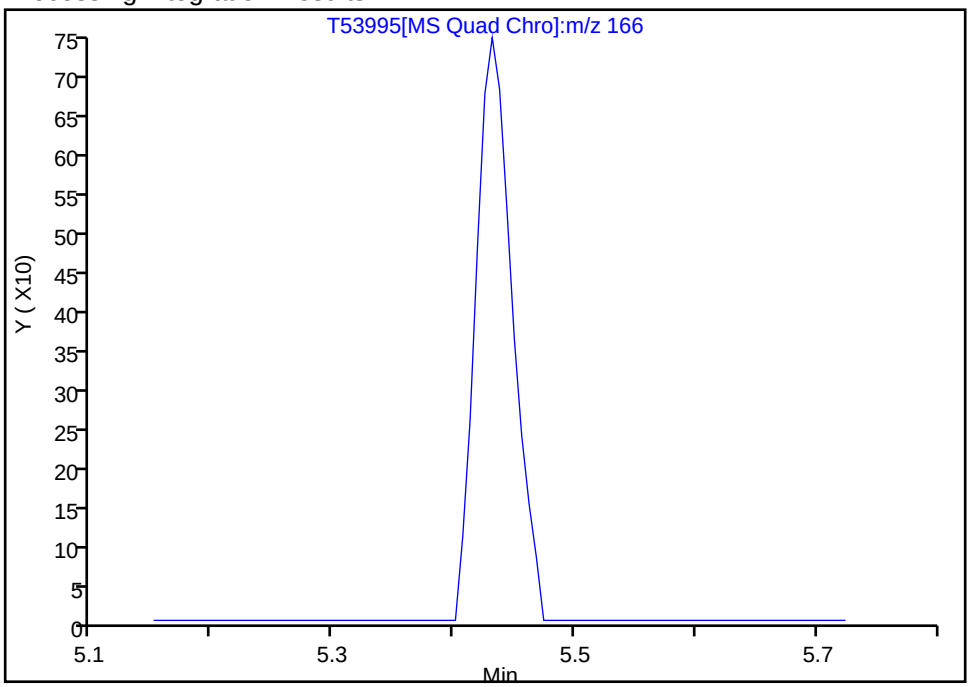
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Signal: 1

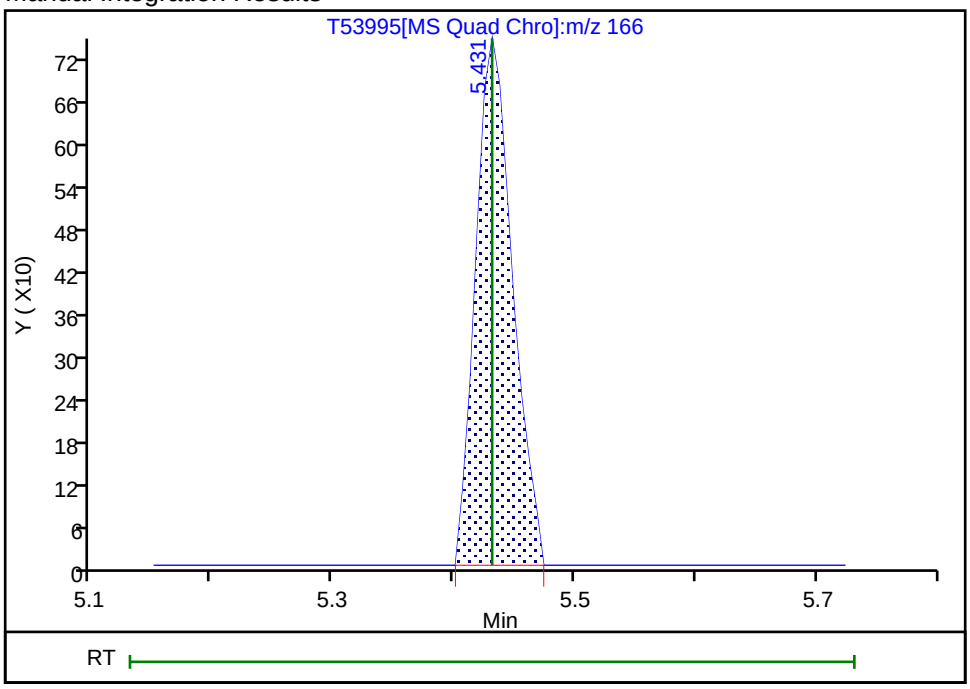
Not Detected
Expected RT: 5.43

Processing Integration Results



Manual Integration Results

RT: 5.43
Area: 1577
Amount: 0.503653
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:26:06
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

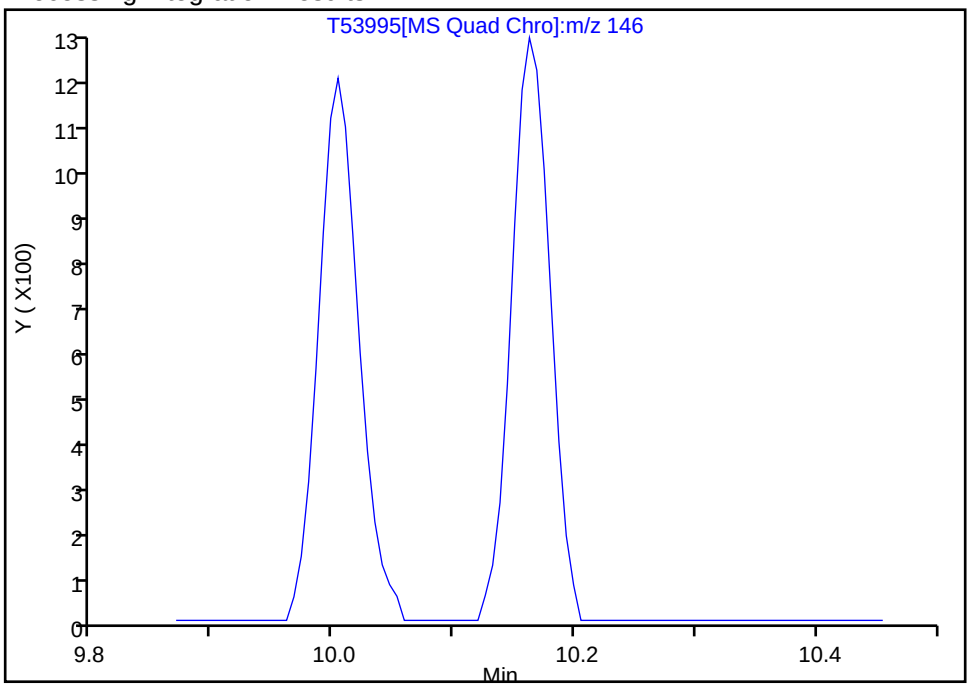
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53995.D
Injection Date: 11-Aug-2021 04:33:28 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

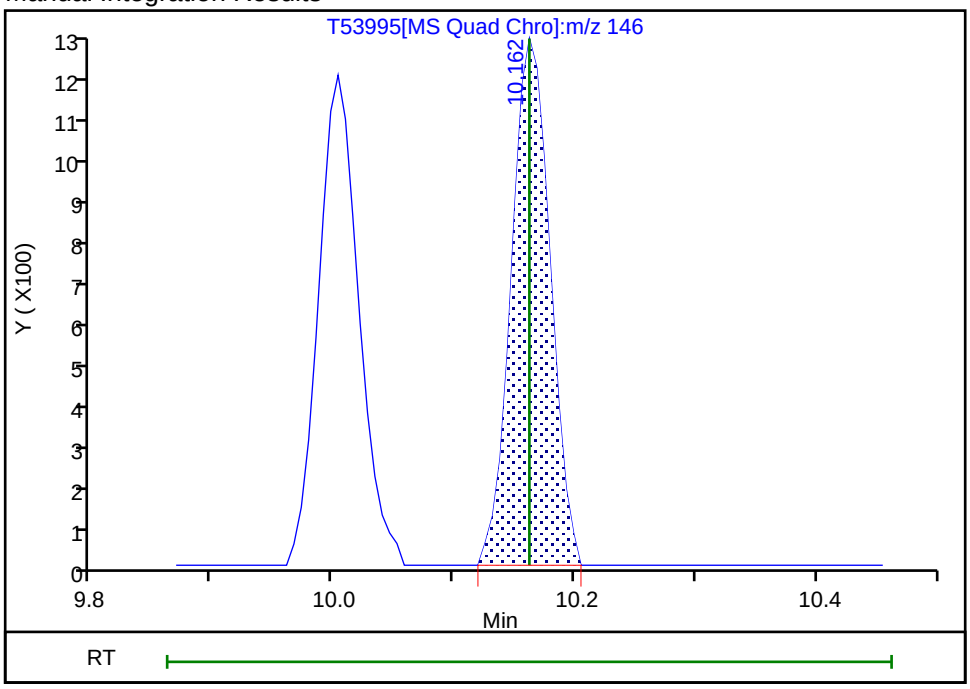
Not Detected
Expected RT: 10.16

Processing Integration Results



Manual Integration Results

RT: 10.16
Area: 2761
Amount: 0.504553
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:26:24
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53996.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Aug-2021 04:54:33 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0133123-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:32:53 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:24:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.560	0.591	-0.031	18	321	1.00	1.85	a
3 Chlorotrifluoroethene	116	0.628	0.627	0.001	51	1330	1.00	0.9818	
2 1,1-Difluoroethane	65	0.634	0.633	0.001	88	2255	1.00	1.06	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	78	4964	1.00	1.02	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	73	804	1.00	0.9693	
6 Chloromethane	50	0.719	0.719	0.000	85	5156	1.00	1.01	
7 Vinyl chloride	62	0.756	0.755	0.001	82	5220	1.00	1.02	
8 Butadiene	54	0.768	0.768	0.000	95	4685	1.00	1.09	
9 Bromomethane	94	0.884	0.883	0.001	84	1903	1.00	1.23	
10 Chloroethane	64	0.926	0.926	0.000	92	2731	1.00	1.23	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	88	7374	1.00	1.10	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	82	5281	1.00	1.09	
13 Pentane	72	1.066	1.066	0.000	93	1001	2.00	2.03	
14 Ethanol	46	1.115	1.121	-0.006	85	954	40.0	46.9	
15 Ethyl ether	59	1.158	1.158	0.000	59	3347	1.00	1.09	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	74	3264	1.00	1.08	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	84	3756	1.00	1.06	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	84	6240	1.00	1.09	
19 Acrolein	56	1.213	1.213	0.000	92	2944	4.06	4.25	
20 1,1-Dichloroethene	96	1.262	1.261	0.001	85	3591	1.00	1.04	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.268	1.261	0.007	64	3082	1.00	0.9475	
22 Acetone	43	1.286	1.286	0.000	79	6321	5.00	5.34	M
23 Iodomethane	142	1.329	1.328	0.001	85	2081	1.00	0.5150	
24 Carbon disulfide	76	1.359	1.359	0.000	100	13122	1.00	1.07	
25 Isopropyl alcohol	45	1.359	1.359	0.000	23	2648	10.0	10.8	
26 Acetonitrile	40	1.426	1.426	0.000	86	3231	10.0	10.8	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	86	2568	1.00	1.01	
28 Methyl acetate	43	1.444	1.444	0.000	97	5807	2.00	1.99	
29 Cyclopentene	67	1.475	1.475	0.000	94	10252	1.00	1.05	
30 Methylene Chloride	84	1.493	1.493	0.000	46	4543	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.518	1.524	-0.006	99	51246	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.560	1.566	-0.006	37	4305	10.0	11.3	
33 Acrylonitrile	53	1.627	1.621	0.006	95	15429	10.0	10.2	
34 trans-1,2-Dichloroethene	96	1.640	1.639	0.001	76	4064	1.00	1.06	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	96	10671	1.00	1.02	
36 Hexane	57	1.804	1.804	0.000	92	4320	1.00	0.9609	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	84	8130	1.00	1.05	
38 Vinyl acetate	86	1.920	1.920	0.000	99	1352	2.00	1.78	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	62	3887	1.00	1.06	
40 Isopropyl ether	45	1.932	1.932	0.000	74	12537	1.00	1.01	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	87	11027	1.00	0.9606	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	77	416643	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	50	1413	1.00	1.05	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	28	4408	1.00	1.06	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	60	7046	5.00	4.33	
46 Propionitrile	54	2.304	2.298	0.006	91	6142	10.0	10.8	
47 Ethyl acetate	70	2.316	2.316	0.000	96	805	2.00	1.90	
48 Methyl acrylate	55	2.335	2.334	0.000	80	4072	1.00	0.9491	
50 Methacrylonitrile	67	2.402	2.401	0.001	92	16165	10.0	10.1	
49 Chlorobromomethane	128	2.408	2.408	0.000	43	1900	1.00	1.14	
51 Tetrahydrofuran	72	2.444	2.444	0.000	70	986	2.00	1.94	
52 Chloroform	83	2.475	2.475	0.000	85	7361	1.00	1.05	
$ 53 Dibromofluoromethane (Surr)	113	2.591	2.590	0.001	95	167987	50.0	51.1	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	30	6334	1.00	1.05	
55 Cyclohexane	84	2.639	2.639	0.000	90	5078	1.00	1.00	
56 Carbon tetrachloride	117	2.725	2.725	0.000	70	4800	1.00	0.99	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	88	6133	1.00	1.04	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.841	2.840	0.000	93	218243	50.0	52.0	
59 Isobutyl alcohol	43	2.883	2.877	0.006	31	2884	25.0	23.9	a
60 Benzene	78	2.883	2.883	0.000	95	16941	1.00	1.10	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	60	6077	1.00	1.13	
62 Isooctane	57	2.975	2.975	0.000	87	7075	1.00	0.9106	a
63 Isopropyl acetate	61	2.993	2.993	0.000	89	1304	1.00	0.8931	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	74	10169	1.00	0.9583	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	632256	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	38	3372	1.00	0.8948	
67 Trichloroethene	95	3.450	3.450	0.000	77	4343	1.00	1.02	
68 n-Butanol	56	3.499	3.474	0.025	67	1194	25.0	10.9	
69 Ethyl acrylate	55	3.615	3.609	0.006	91	8454	1.00	0.9525	
70 Methylcyclohexane	83	3.621	3.621	0.000	72	4730	1.00	0.9599	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	83	4383	1.00	1.01	
72 Dibromomethane	93	3.761	3.761	0.000	21	2311	1.00	0.9748	
* 73 1,4-Dioxane-d8	96	3.761	3.767	-0.006	30	38772	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	41	2252	50.0	48.5	
75 Methyl methacrylate	100	3.828	3.828	0.000	84	1680	2.00	1.84	
76 n-Propyl acetate	43	3.913	3.907	0.006	93	4435	1.00	0.8722	
77 Dichlorobromomethane	83	3.938	3.938	0.000	87	5156	1.00	1.00	
78 2-Nitropropane	41	4.182	4.182	0.000	77	1774	2.00	1.87	
79 2-Chloroethyl vinyl ether	106	4.310	4.304	0.006	81	516	1.00	0.8904	
80 Epichlorohydrin	57	4.340	4.334	0.006	95	8205	20.0	20.0	
81 cis-1,3-Dichloropropene	75	4.426	4.425	0.001	84	6238	1.00	1.00	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.633	0.000	94	15749	5.00	4.73	

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	4.712	4.712	0.000	98	606323	50.0	51.4	
84 Toluene	91	4.785	4.785	0.000	92	16564	1.00	1.06	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	80	4957	1.00	0.9063	
86 Ethyl methacrylate	69	5.279	5.279	0.000	78	3984	1.00	0.9156	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	80	2723	1.00	1.00	
88 Tetrachloroethene	166	5.432	5.431	0.001	76	3005	1.00	0.9757	
89 1,3-Dichloropropane	76	5.486	5.486	0.000	84	5885	1.00	1.04	
90 2-Hexanone	43	5.675	5.675	0.000	94	10537	5.00	4.55	
91 Chlorodibromomethane	129	5.761	5.761	0.000	73	2952	1.00	0.9543	
92 Ethylene Dibromide	107	5.864	5.864	0.000	69	3135	1.00	0.9884	
93 n-Butyl acetate	43	5.913	5.907	0.006	92	5247	1.00	1.00	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	415894	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	48	9568	1.00	1.07	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	71	2991	1.00	1.01	
97 Ethylbenzene	106	6.767	6.767	0.001	96	4858	1.00	1.03	
98 m-Xylene & p-Xylene	106	6.950	6.949	0.001	93	5964	1.00	1.05	
99 o-Xylene	106	7.510	7.510	0.000	89	5364	1.00	1.01	
100 Styrene	104	7.541	7.541	0.000	86	9226	1.00	1.02	
101 n-Butyl acrylate	73	7.645	7.644	0.000	79	2183	1.00	0.9125	
102 Bromoform	173	7.748	7.748	0.000	52	1717	1.00	0.9065	
103 Amyl acetate (mixed isomers)	43	8.029	8.028	0.001	74	5948	1.00	1.01	
104 Isopropylbenzene	105	8.108	8.108	0.000	91	14535	1.00	1.09	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	78	145708	50.0	49.6	
106 Bromobenzene	156	8.455	8.455	0.000	85	3171	1.00	1.02	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	72	4613	1.00	1.07	
108 1,2,3-Trichloropropane	110	8.626	8.620	0.006	68	1128	1.00	0.99	
109 trans-1,4-Dichloro-2-butene	53	8.717	8.717	0.000	53	1361	1.00	1.02	
110 N-Propylbenzene	91	8.754	8.754	0.000	95	18268	1.00	1.08	
111 2-Chlorotoluene	91	8.809	8.809	0.000	88	11067	1.00	1.09	
112 4-Ethyltoluene	105	8.949	8.949	0.000	91	12980	1.00	1.05	
113 4-Chlorotoluene	91	8.992	8.992	0.000	91	12615	1.00	1.07	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	84	10733	1.00	1.08	
115 Butyl Methacrylate	87	9.388	9.388	0.000	83	3372	1.00	0.8929	
116 tert-Butylbenzene	119	9.565	9.565	0.000	78	8559	1.00	1.07	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	91	10405	1.00	1.02	
118 sec-Butylbenzene	105	9.931	9.931	0.000	93	13084	1.00	1.10	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	86	5614	1.00	1.07	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	186679	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	42	5875	1.00	1.08	
122 4-Isopropyltoluene	119	10.211	10.211	0.000	76	9892	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	94	10661	1.00	1.04	
124 Benzyl chloride	91	10.431	10.430	0.001	81	6611	1.00	0.9358	
125 2,3-Dihydroindene	117	10.583	10.583	0.000	85	10035	1.00	1.05	
126 1,2-Dichlorobenzene	146	10.748	10.747	0.001	83	5469	1.00	1.08	
127 p-Diethylbenzene	119	10.863	10.863	0.000	81	4893	1.00	1.04	
128 n-Butylbenzene	92	10.894	10.894	0.000	93	5571	1.00	1.07	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	29	621	1.00	0.8910	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	88	7686	1.00	0.9839	
131 1,3,5-Trichlorobenzene	180	12.162	12.156	0.006	78	2778	1.00	1.00	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	78	2481	1.00	1.00	
134 Naphthalene	128	13.003	13.003	0.000	95	8143	1.00	1.04	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	26	1166	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.229	13.223	0.006	70	2178	1.00	1.06	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 137 Xylenes, Total	100				0		2.00	2.06	
S 140 Total BTEX	1				0		5.00	5.25	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.91	
S 138 Total 1,2-dichloroethene	1				0			2.12	

QC Flag Legend

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

Reagents:

8260MIX1COMB_00141	Amount Added:	10.00	Units: uL	
ACROLEIN W_00129	Amount Added:	4.00	Units: uL	
GASES Li_00432	Amount Added:	10.00	Units: uL	
524freon_00041	Amount Added:	10.00	Units: uL	
14DIOXINTER_00132	Amount Added:	30.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:32:53 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53996.D

Injection Date: 11-Aug-2021 04:54:33 Instrument ID: CVOAMS15

Lims ID: STD1

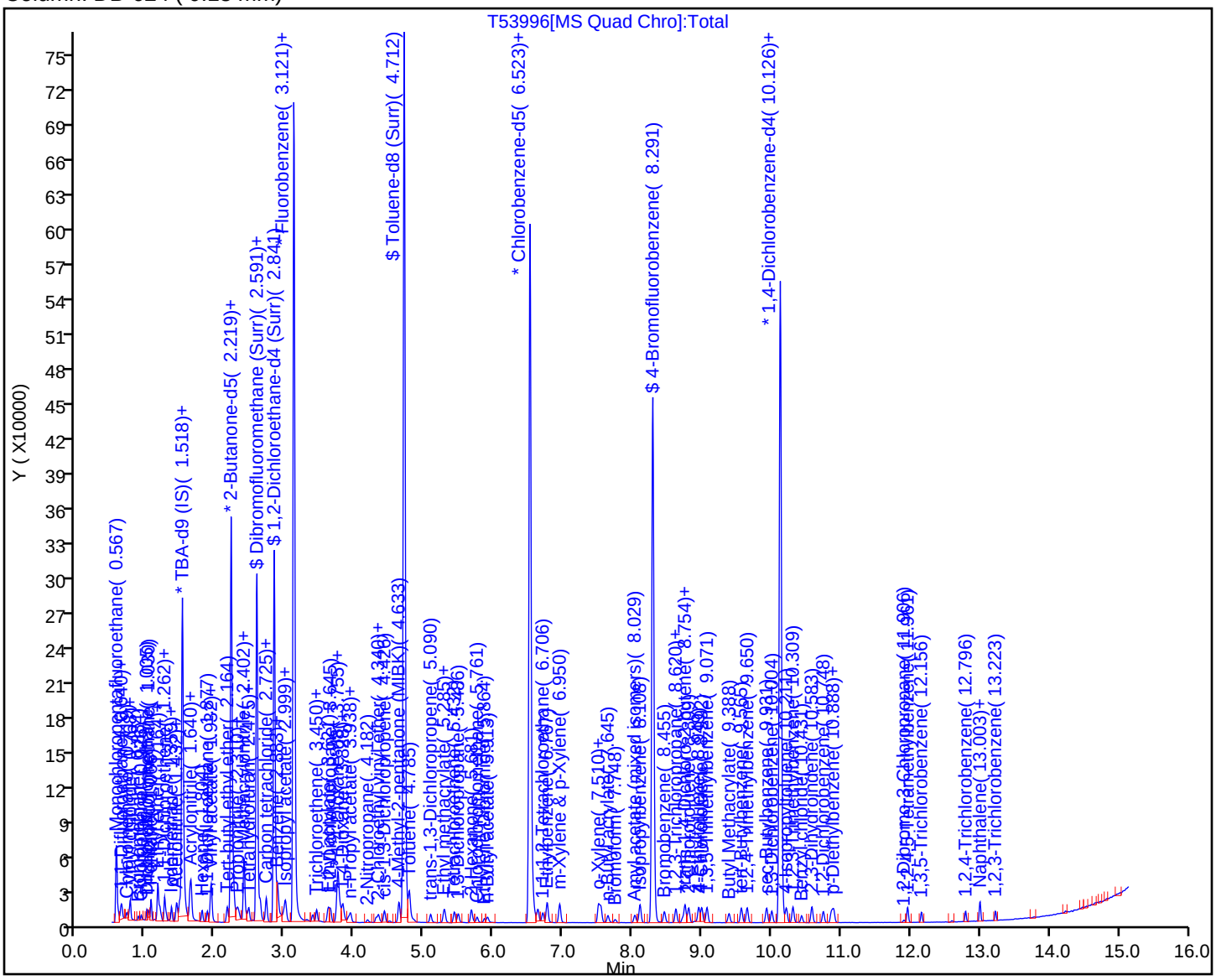
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

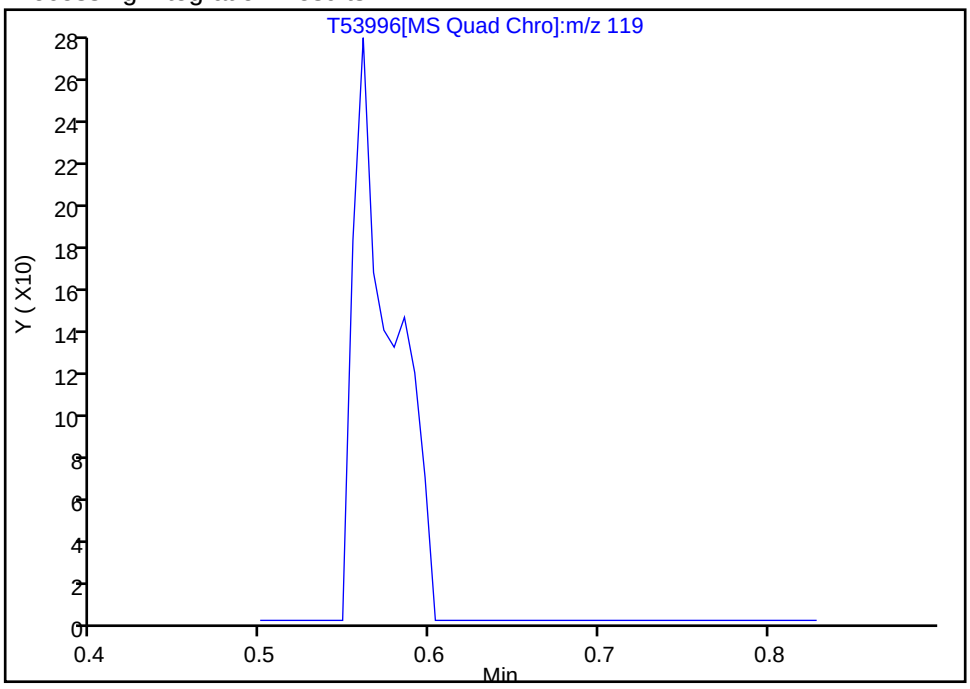
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53996.D
Injection Date: 11-Aug-2021 04:54:33 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

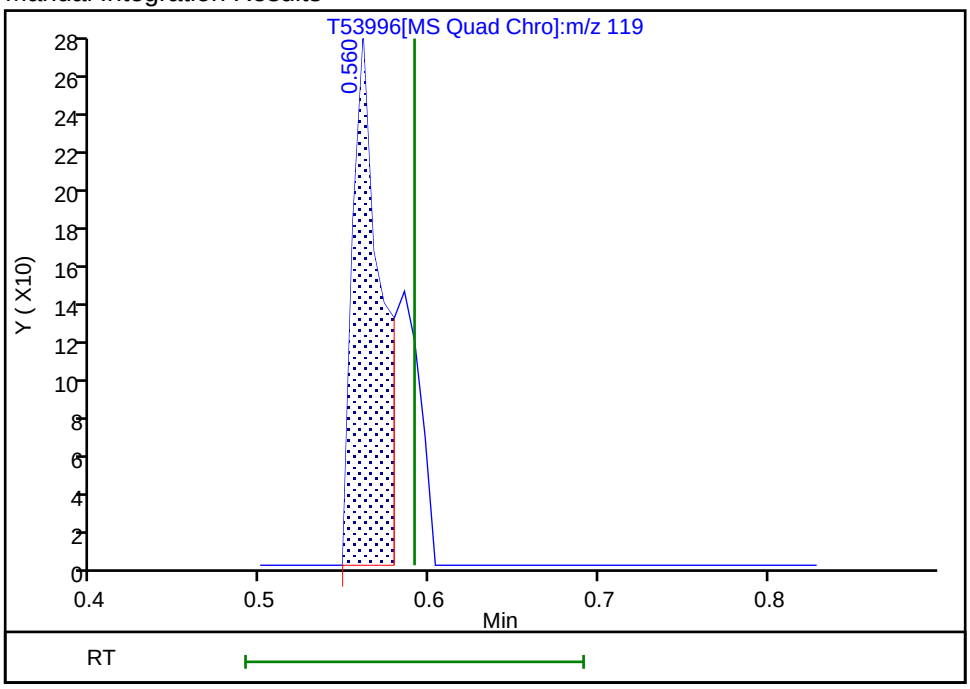
Not Detected
Expected RT: 0.59

Processing Integration Results



Manual Integration Results

RT: 0.56
Area: 321
Amount: 1.851021
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:22:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

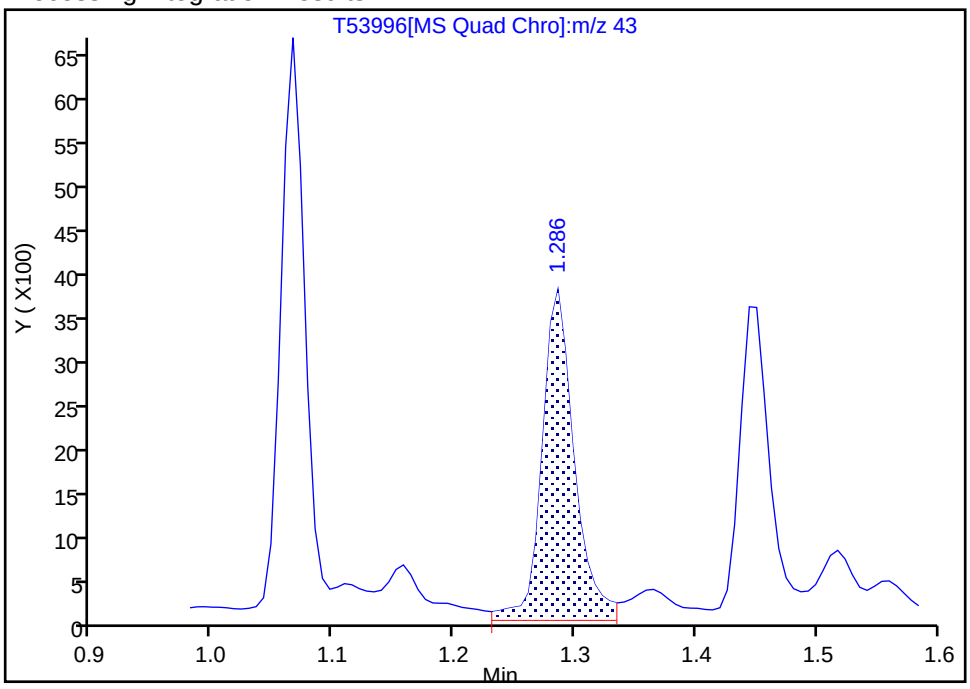
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53996.D
Injection Date: 11-Aug-2021 04:54:33 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

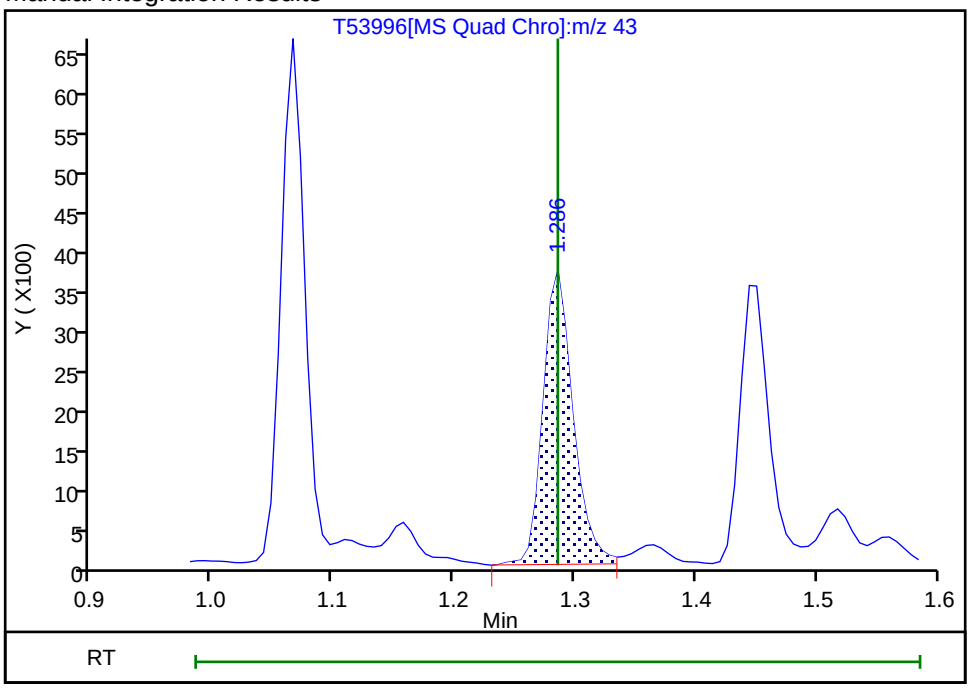
Processing Integration Results

RT: 1.29
Area: 7042
Amount: 5.844841
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 6321
Amount: 5.337676
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 20:02:27
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

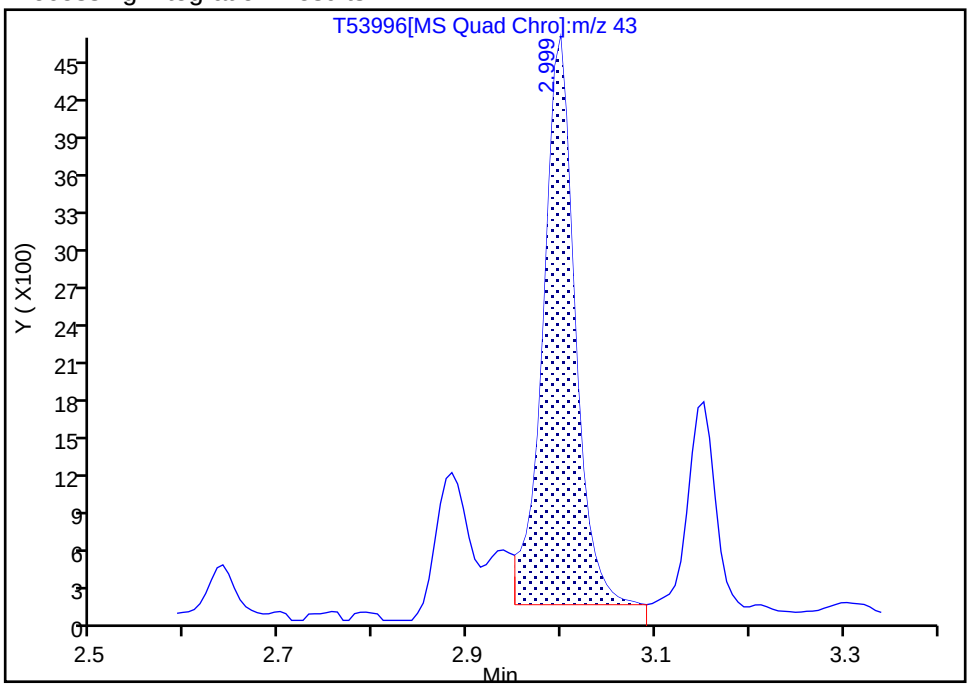
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53996.D
Injection Date: 11-Aug-2021 04:54:33 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

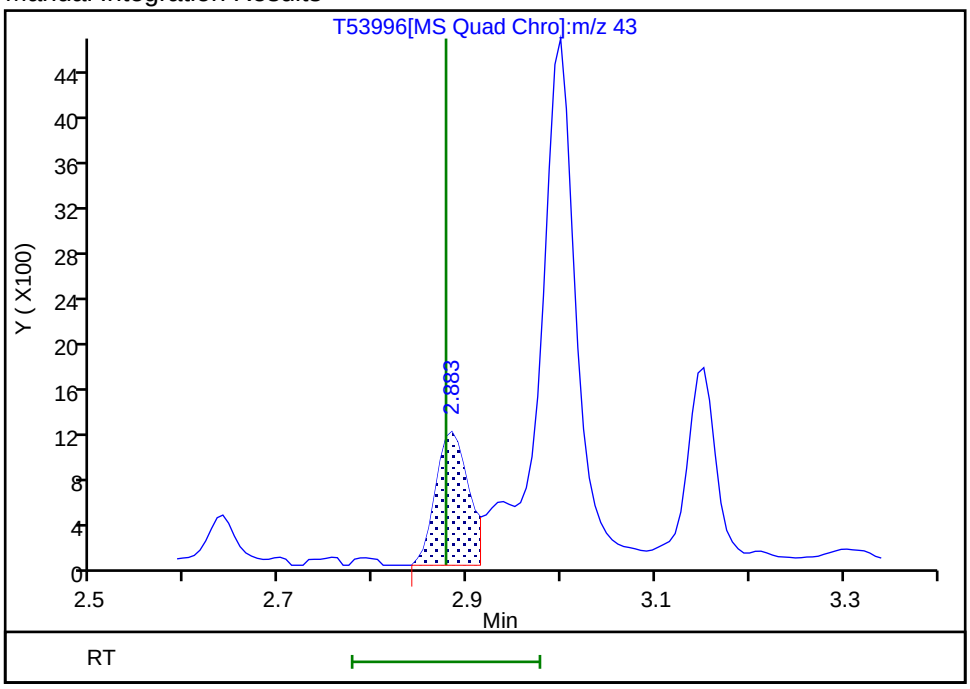
Processing Integration Results

RT: 3.00
Area: 10639
Amount: 24.550922
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 2884
Amount: 23.949831
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:24:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 11-Aug-2021 05:15:38 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0133123-006
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:32:57 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:20:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.591	-0.006	28	903	5.00	5.21	
3 Chlorotrifluoroethene	116	0.628	0.627	0.001	69	7726	5.00	5.70	
2 1,1-Difluoroethane	65	0.634	0.633	0.001	97	10699	5.00	5.01	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	84	26641	5.00	5.48	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	4421	5.00	5.33	
6 Chloromethane	50	0.719	0.719	0.000	89	24453	5.00	4.78	
7 Vinyl chloride	62	0.756	0.755	0.001	84	26651	5.00	5.21	
8 Butadiene	54	0.768	0.768	0.000	96	23182	5.00	5.41	
9 Bromomethane	94	0.884	0.883	0.001	98	7895	5.00	5.03	
10 Chloroethane	64	0.926	0.926	0.000	97	13567	5.00	6.02	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	35806	5.00	5.34	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	87	27454	5.00	5.66	
13 Pentane	72	1.066	1.066	0.000	97	5778	10.0	11.7	
14 Ethanol	46	1.115	1.121	-0.006	92	4492	200.0	218.8	
15 Ethyl ether	59	1.158	1.158	0.000	59	16608	5.00	5.42	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	77	16374	5.00	5.43	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	83	18867	5.00	5.33	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	88	30529	5.00	5.33	
19 Acrolein	56	1.213	1.213	0.000	97	14767	20.3	21.1	
20 1,1-Dichloroethene	96	1.262	1.261	0.001	87	17784	5.00	5.15	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.268	1.261	0.007	76	18262	5.00	5.62	
22 Acetone	43	1.286	1.286	0.000	87	28493	25.0	23.7	
23 Iodomethane	142	1.329	1.328	0.001	98	11361	5.00	2.82	
24 Carbon disulfide	76	1.359	1.359	0.000	99	63197	5.00	5.14	
25 Isopropyl alcohol	45	1.359	1.359	0.000	33	12597	50.0	50.9	
26 Acetonitrile	40	1.426	1.426	0.000	85	16539	50.0	54.4	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	91	14158	5.00	5.55	
28 Methyl acetate	43	1.444	1.444	0.000	98	30048	10.0	10.3	
29 Cyclopentene	67	1.475	1.475	0.000	95	51052	5.00	5.21	
30 Methylene Chloride	84	1.493	1.493	0.000	91	20871	5.00	4.92	

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	1.518	1.524	-0.006	99	51729	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.560	1.566	-0.006	91	19509	50.0	50.9	
33 Acrylonitrile	53	1.621	1.621	0.000	95	81890	50.0	54.2	
34 trans-1,2-Dichloroethene	96	1.640	1.639	0.001	84	20154	5.00	5.25	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	54864	5.00	5.26	
36 Hexane	57	1.804	1.804	0.000	94	24090	5.00	5.36	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	94	40829	5.00	5.25	
38 Vinyl acetate	86	1.920	1.920	0.000	99	8374	10.0	10.8	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	67	18928	5.00	5.16	
40 Isopropyl ether	45	1.932	1.932	0.000	77	65676	5.00	5.29	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	57612	5.00	5.02	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	77	423781	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	64	6912	5.00	5.15	a
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	53	21176	5.00	5.10	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	100	44133	25.0	26.7	
46 Propionitrile	54	2.298	2.298	0.000	98	30791	50.0	53.5	
47 Ethyl acetate	70	2.316	2.316	0.000	99	4292	10.0	9.95	
48 Methyl acrylate	55	2.335	2.334	0.000	93	20173	5.00	4.70	
50 Methacrylonitrile	67	2.402	2.401	0.001	91	86275	50.0	54.1	
49 Chlorobromomethane	128	2.408	2.408	0.000	46	9044	5.00	5.43	
51 Tetrahydrofuran	72	2.444	2.444	0.000	76	5391	10.0	10.4	
52 Chloroform	83	2.475	2.475	0.000	93	36656	5.00	5.22	
$ 53 Dibromofluoromethane (Surr)	113	2.591	2.590	0.001	95	167029	50.0	50.8	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	42	31051	5.00	5.14	
55 Cyclohexane	84	2.639	2.639	0.000	93	26979	5.00	5.30	
56 Carbon tetrachloride	117	2.725	2.725	0.000	72	24832	5.00	5.13	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	93	30369	5.00	5.16	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.841	2.840	0.000	93	218302	50.0	52.0	
59 Isobutyl alcohol	43	2.877	2.877	0.000	42	15818	125.0	130.1	a
60 Benzene	78	2.883	2.883	0.000	98	84577	5.00	5.43	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	62	26883	5.00	5.00	
62 Isooctane	57	2.975	2.975	0.000	91	41886	5.00	5.39	a
63 Isopropyl acetate	61	2.999	2.993	0.006	92	7466	5.00	5.11	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	76	52576	5.00	4.96	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	632108	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	55	18623	5.00	4.94	a
67 Trichloroethene	95	3.450	3.450	0.000	90	21595	5.00	5.06	
68 n-Butanol	56	3.481	3.474	0.007	87	9221	125.0	83.3	
69 Ethyl acrylate	55	3.609	3.609	0.000	96	44984	5.00	5.07	
70 Methylcyclohexane	83	3.621	3.621	0.000	80	26377	5.00	5.35	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	87	22284	5.00	5.14	
72 Dibromomethane	93	3.761	3.761	0.000	51	12697	5.00	5.36	
* 73 1,4-Dioxane-d8	96	3.761	3.767	-0.006	65	39381	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	42	4752	100.0	100.8	
75 Methyl methacrylate	100	3.828	3.828	0.000	91	8981	10.0	9.84	
76 n-Propyl acetate	43	3.907	3.907	0.000	98	24875	5.00	4.89	
77 Dichlorobromomethane	83	3.938	3.938	0.000	95	26493	5.00	5.13	
78 2-Nitropropane	41	4.182	4.182	0.000	98	8984	10.0	9.46	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	92	2911	5.01	5.02	
80 Epichlorohydrin	57	4.340	4.334	0.006	97	41999	100.0	100.4	
81 cis-1,3-Dichloropropene	75	4.426	4.425	0.001	88	32835	5.00	5.19	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.633	0.000	97	82129	25.0	24.3	

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	4.712	4.712	0.000	98	607633	50.0	50.9	
84 Toluene	91	4.785	4.785	0.000	93	83003	5.00	5.24	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	95	28562	5.00	5.15	
86 Ethyl methacrylate	69	5.279	5.279	0.000	87	22501	5.00	5.10	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	82	14598	5.00	5.29	
88 Tetrachloroethene	166	5.432	5.431	0.001	83	15956	5.00	5.11	
89 1,3-Dichloropropane	76	5.486	5.486	0.000	92	30560	5.00	5.32	
90 2-Hexanone	43	5.675	5.675	0.000	97	58012	25.0	24.6	
91 Chlorodibromomethane	129	5.761	5.761	0.000	92	15682	5.00	5.00	
92 Ethylene Dibromide	107	5.864	5.864	0.000	96	16765	5.00	5.22	
93 n-Butyl acetate	43	5.907	5.907	0.000	97	26488	5.00	4.98	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	421323	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	83	46311	5.00	5.13	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	90	14866	5.00	4.96	
97 Ethylbenzene	106	6.767	6.767	0.001	99	24967	5.00	5.22	
98 m-Xylene & p-Xylene	106	6.950	6.949	0.001	93	29511	5.00	5.12	
99 o-Xylene	106	7.510	7.510	0.000	92	27596	5.00	5.15	
100 Styrene	104	7.541	7.541	0.000	89	47075	5.00	5.15	
101 n-Butyl acrylate	73	7.645	7.644	0.000	95	11969	5.00	4.94	
102 Bromoform	173	7.748	7.748	0.000	90	9027	5.00	4.70	
103 Amyl acetate (mixed isomers)	43	8.029	8.028	0.001	90	29829	5.00	5.01	
104 Isopropylbenzene	105	8.108	8.108	0.000	96	69196	5.00	5.11	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	78	145499	50.0	48.9	
106 Bromobenzene	156	8.455	8.455	0.000	89	15891	5.00	5.05	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	86	22293	5.00	5.12	
108 1,2,3-Trichloropropane	110	8.620	8.620	0.000	85	6132	5.00	5.33	
109 trans-1,4-Dichloro-2-butene	53	8.717	8.717	0.000	82	6699	5.00	4.98	
110 N-Propylbenzene	91	8.754	8.754	0.000	97	89615	5.00	5.23	
111 2-Chlorotoluene	91	8.803	8.809	-0.006	94	54653	5.00	5.30	
112 4-Ethyltoluene	105	8.949	8.949	0.000	97	65026	5.00	5.19	
113 4-Chlorotoluene	91	8.992	8.992	0.000	98	62836	5.00	5.29	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	91	52198	5.00	5.19	
115 Butyl Methacrylate	87	9.388	9.388	0.000	91	18162	5.00	4.75	
116 tert-Butylbenzene	119	9.565	9.565	0.000	89	42616	5.00	5.28	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	98	53578	5.00	5.21	
118 sec-Butylbenzene	105	9.931	9.931	0.000	97	62218	5.00	5.16	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	91	26835	5.00	5.05	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	188969	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	67	27952	5.00	5.09	
122 4-Isopropyltoluene	119	10.211	10.211	0.000	82	49390	5.00	5.19	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	99	54961	5.00	5.28	
124 Benzyl chloride	91	10.431	10.430	0.001	97	34607	5.00	4.84	
125 2,3-Dihydroindene	117	10.577	10.583	-0.006	89	50495	5.00	5.20	
126 1,2-Dichlorobenzene	146	10.748	10.747	0.001	91	25939	5.00	5.07	
127 p-Diethylbenzene	119	10.863	10.863	0.000	84	24035	5.00	5.02	a
128 n-Butylbenzene	92	10.894	10.894	0.000	97	27357	5.00	5.21	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	77	3351	5.00	4.75	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	95	39837	5.00	5.04	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	91	14438	5.00	5.16	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	88	12500	5.00	4.98	
134 Naphthalene	128	13.003	13.003	0.000	98	40790	5.00	5.17	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	46	5028	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
135 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	91	10923	5.00	5.24	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	10.3	
S 140 Total BTEX	1				0		25.0	26.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.3	
S 138 Total 1,2-dichloroethene	1				0			10.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00141	Amount Added:	10.00	Units: uL	
ACROLEIN W_00129	Amount Added:	4.00	Units: uL	
GASES Li_00432	Amount Added:	10.00	Units: uL	
524freon_00040	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:32:57 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D

Injection Date: 11-Aug-2021 05:15:38 Instrument ID: CVOAMS15

Lims ID: STD5

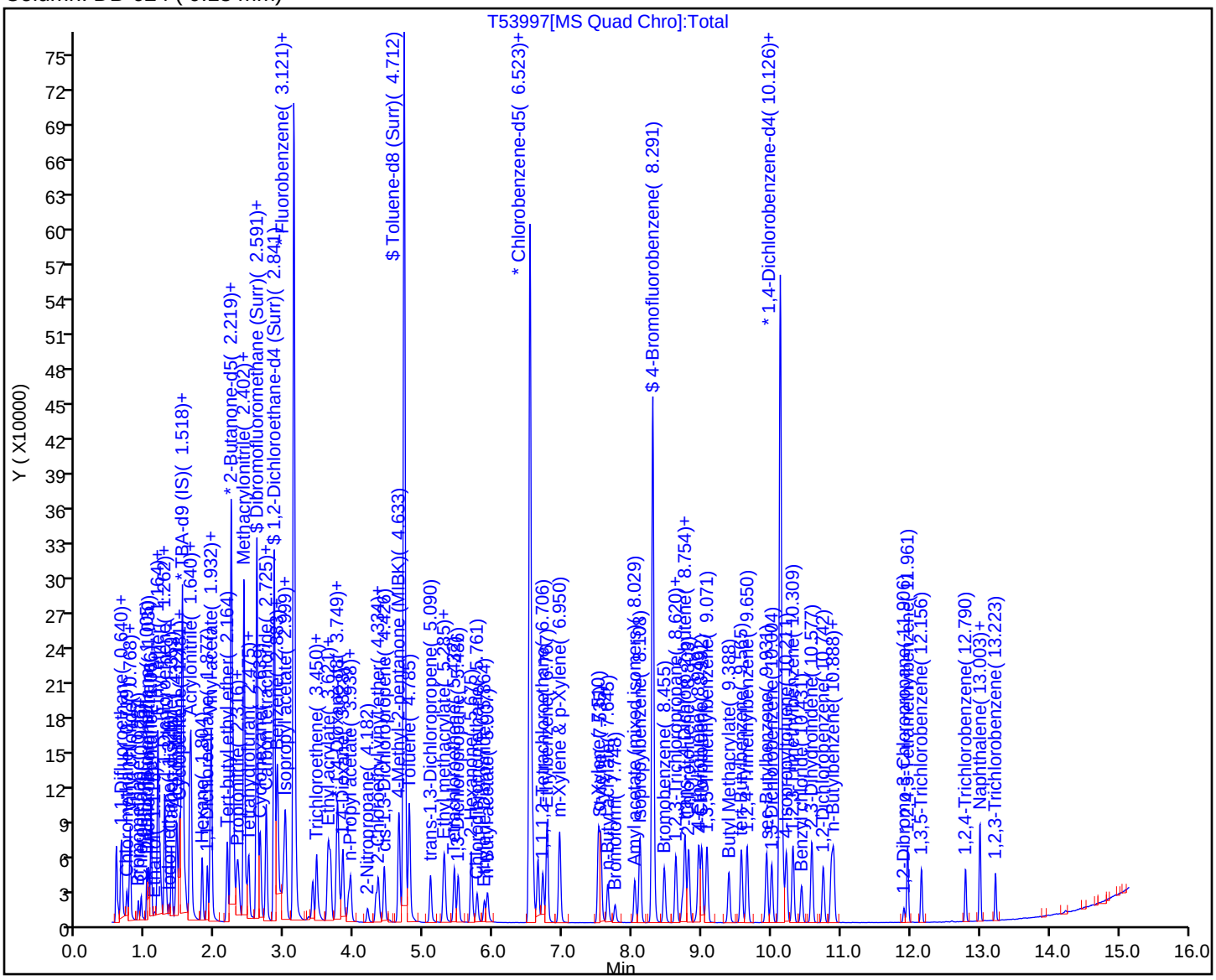
Client ID:

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)



Eurofins TestAmerica, Edison

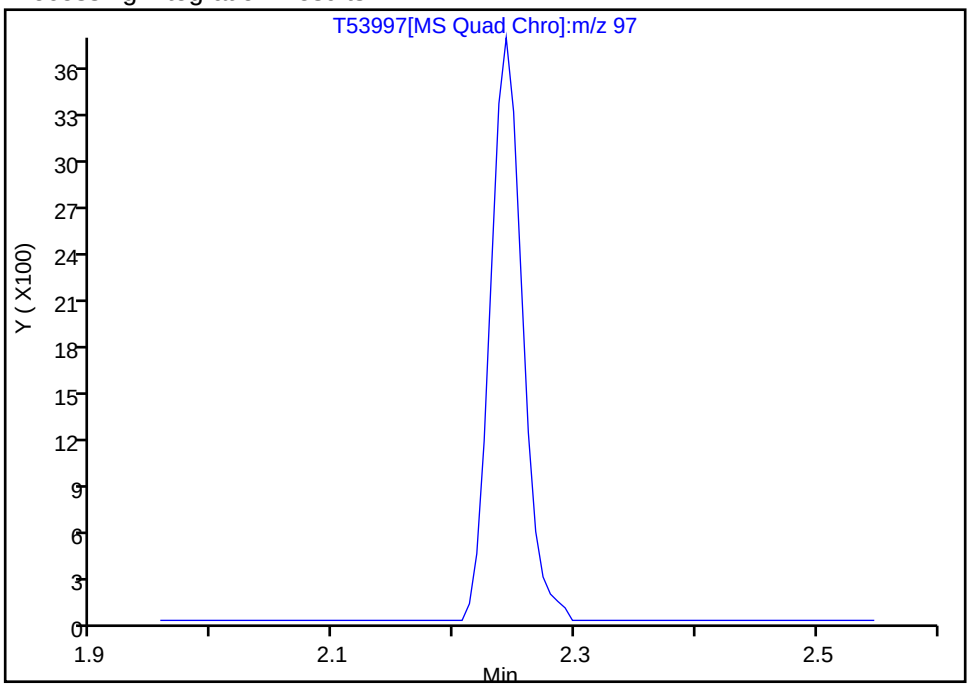
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D
Injection Date: 11-Aug-2021 05:15:38 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

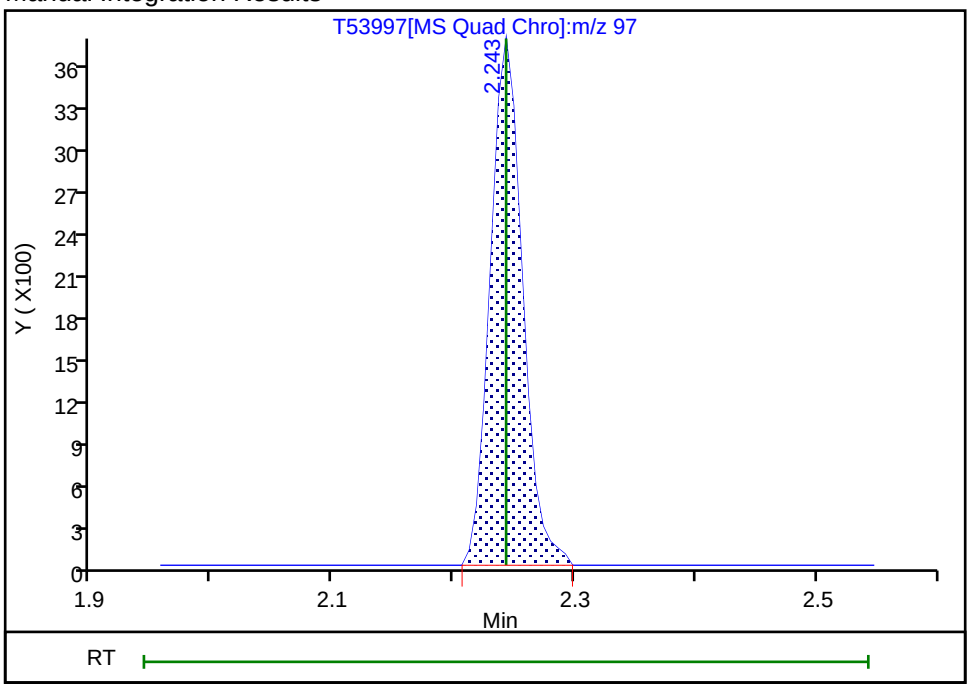
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 6912
Amount: 5.150190
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:19:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

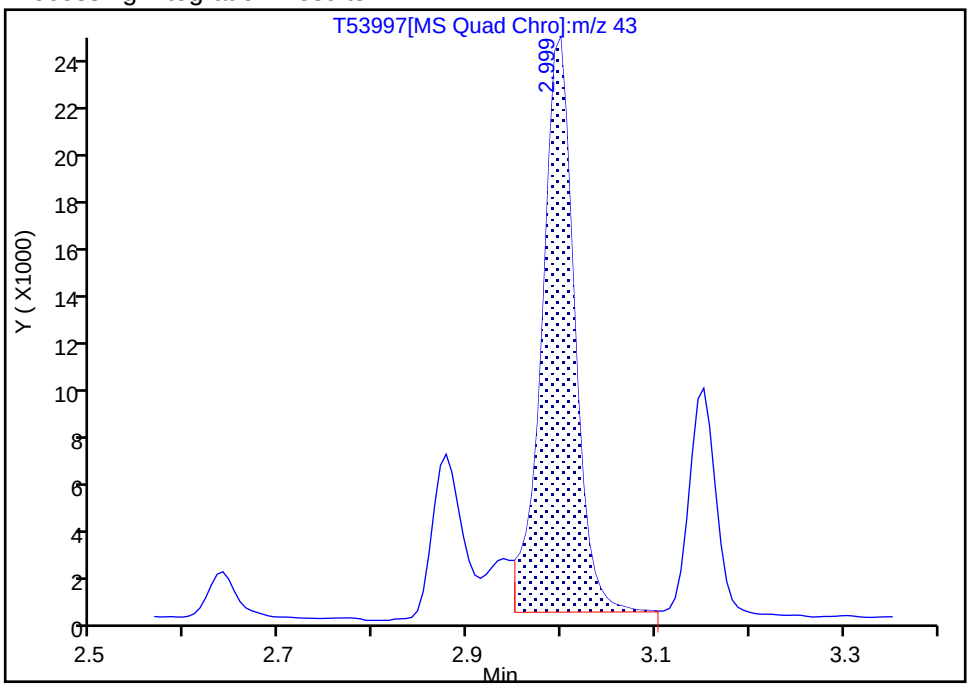
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D
Injection Date: 11-Aug-2021 05:15:38 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

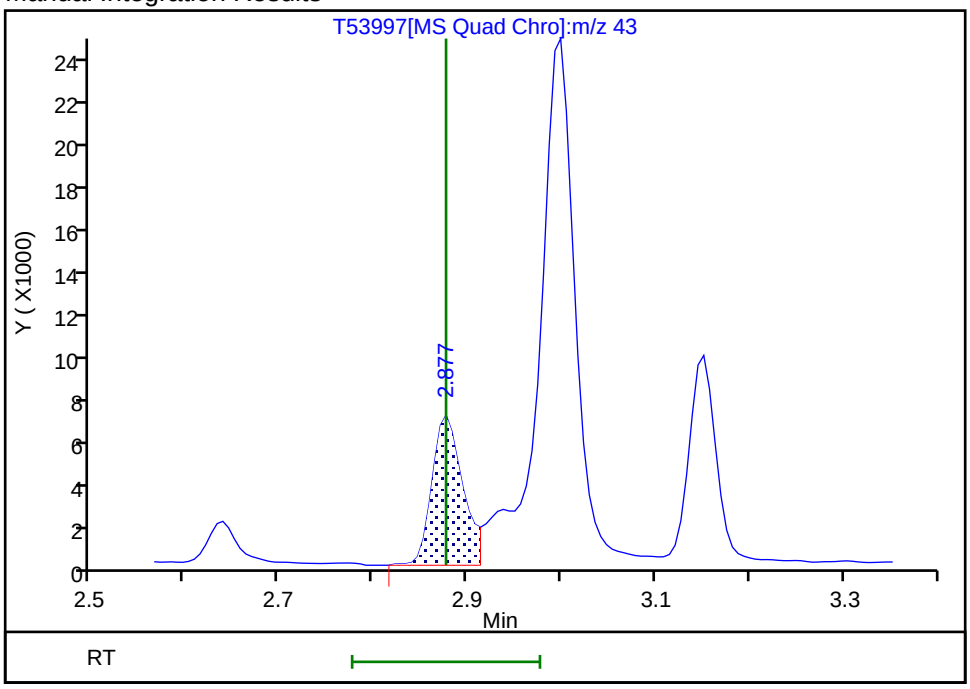
Processing Integration Results

RT: 3.00
Area: 57378
Amount: 108.6362
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 15818
Amount: 130.1322
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:28:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

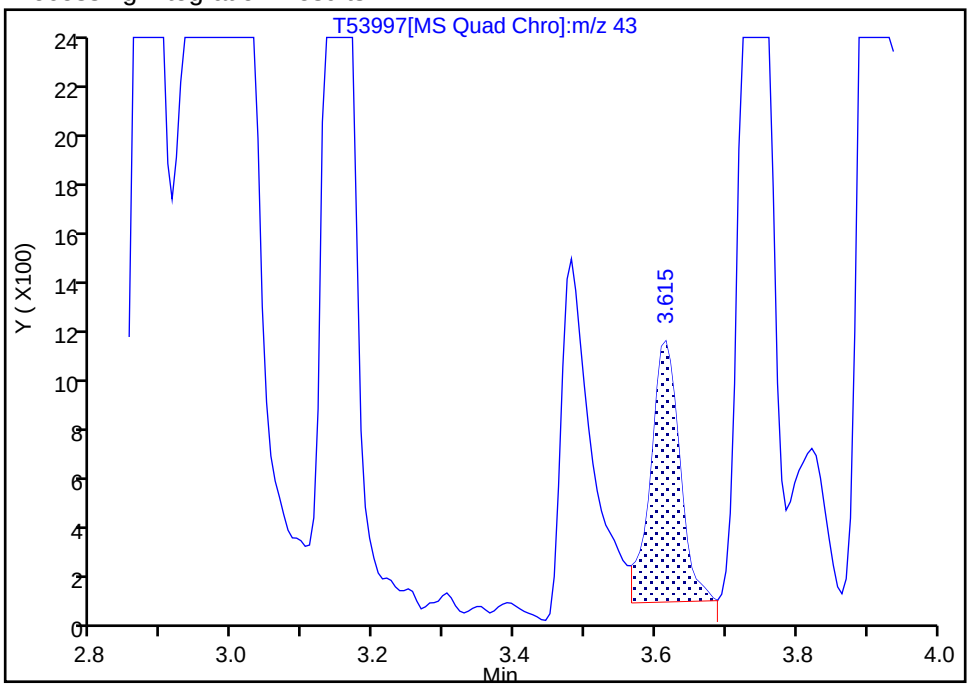
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D
Injection Date: 11-Aug-2021 05:15:38 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

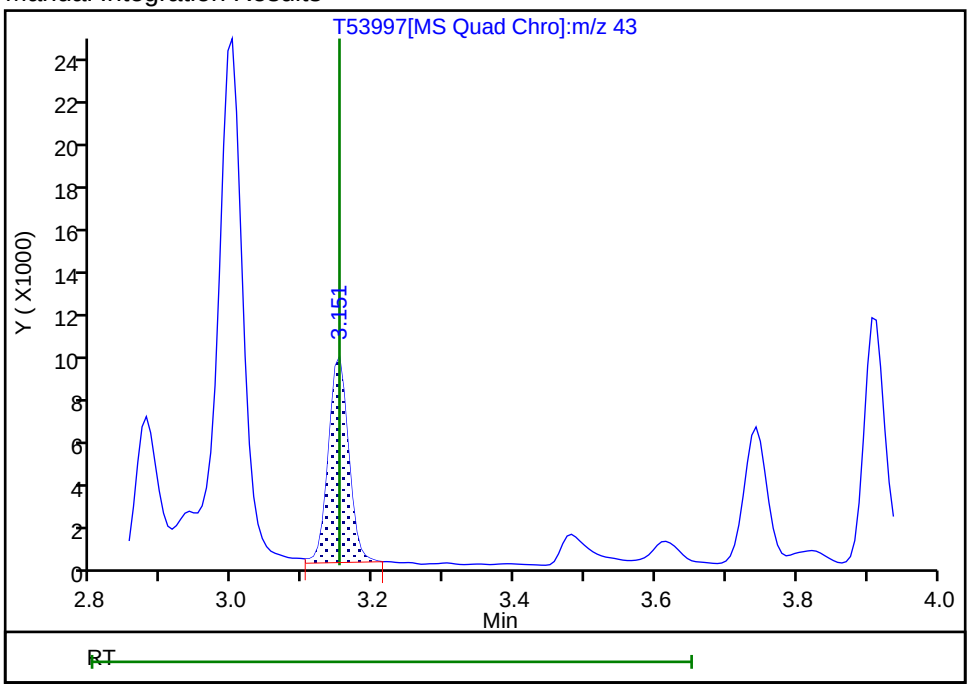
Processing Integration Results

RT: 3.61
Area: 2927
Amount: 0.737630
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 18623
Amount: 4.943029
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:19:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

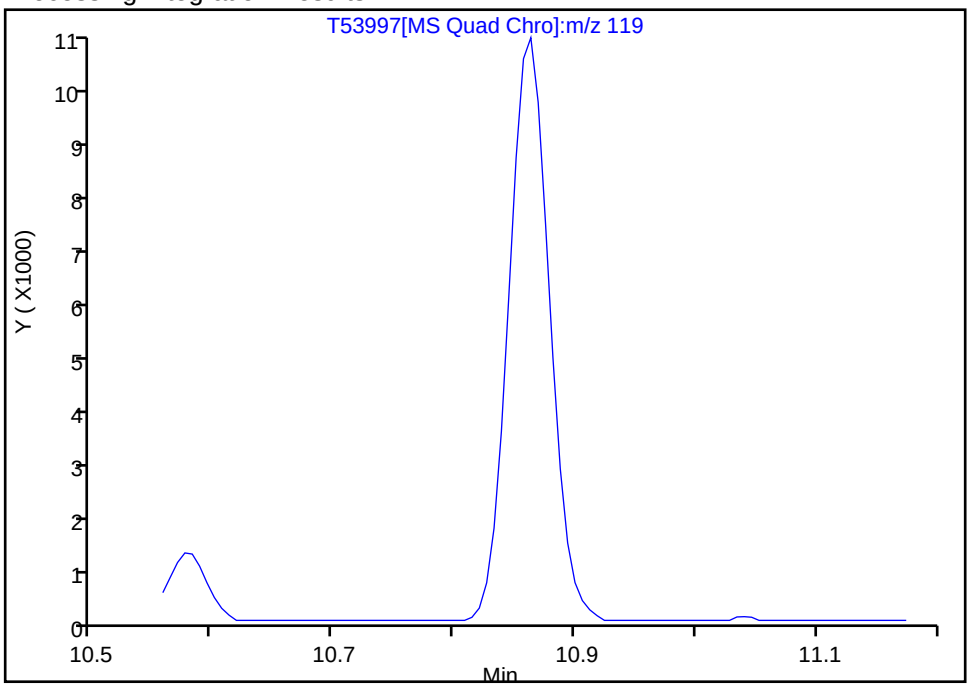
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53997.D
Injection Date: 11-Aug-2021 05:15:38 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

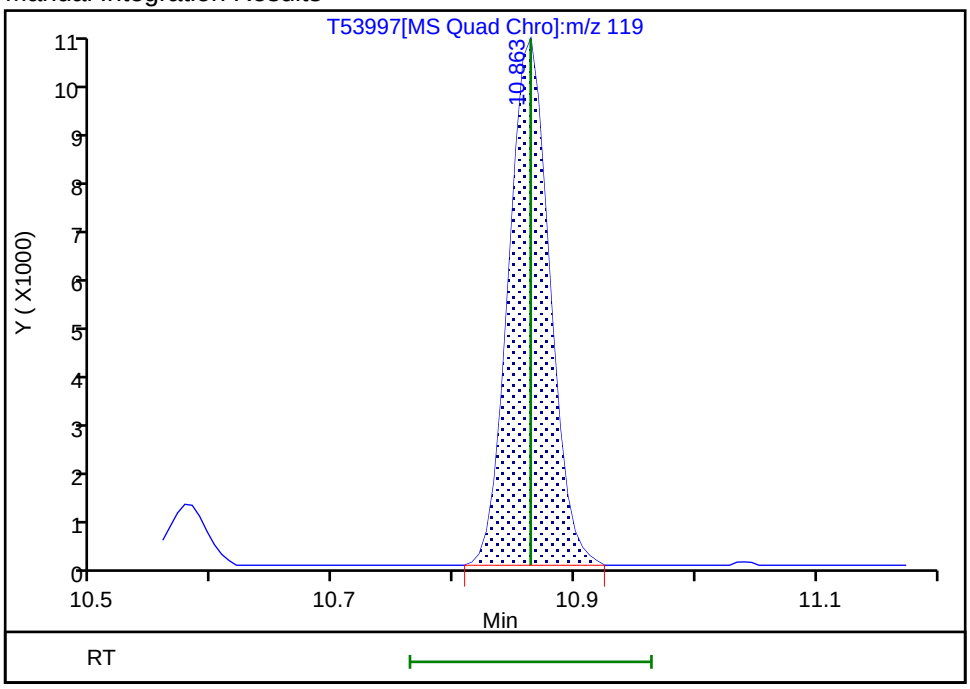
Not Detected
Expected RT: 10.86

Processing Integration Results



Manual Integration Results

RT: 10.86
Area: 24035
Amount: 5.022669
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:19:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53998.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 11-Aug-2021 05:36:44 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0133123-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:33:02 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:13:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.591	0.000	49	3777	20.0	22.1	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	69	28081	20.0	21.0	
2 1,1-Difluoroethane	65	0.633	0.633	0.000	98	42096	20.0	20.0	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	80	96122	20.0	20.1	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	15910	20.0	19.5	
6 Chloromethane	50	0.719	0.719	0.000	89	92224	20.0	18.3	
7 Vinyl chloride	62	0.755	0.755	0.000	99	99467	20.0	19.7	
8 Butadiene	54	0.768	0.768	0.000	97	83315	20.0	19.7	
9 Bromomethane	94	0.883	0.883	0.000	98	24236	20.0	15.2	M
10 Chloroethane	64	0.926	0.926	0.000	97	42470	20.0	18.7	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	129098	20.0	19.5	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	99	96429	20.0	20.2	
13 Pentane	72	1.066	1.066	0.000	96	20504	40.0	42.2	
14 Ethanol	46	1.121	1.121	0.000	95	17932	800.0	796.4	
15 Ethyl ether	59	1.158	1.158	0.000	62	64022	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	61316	20.0	20.6	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	84	70585	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	88	112717	20.0	20.0	
19 Acrolein	56	1.213	1.213	0.000	97	29701	40.6	38.7	
20 1,1-Dichloroethene	96	1.261	1.261	0.000	87	69989	20.0	20.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	60	67769	20.0	21.1	
22 Acetone	43	1.286	1.286	0.000	87	108380	100.0	87.8	
23 Iodomethane	142	1.328	1.328	0.000	100	64047	20.0	16.3	
24 Carbon disulfide	76	1.359	1.359	0.000	99	245044	20.0	20.2	
25 Isopropyl alcohol	45	1.359	1.359	0.000	33	47066	200.0	173.3	
26 Acetonitrile	40	1.426	1.426	0.000	85	66180	200.0	212.3	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	92	57454	20.0	22.8	
28 Methyl acetate	43	1.444	1.444	0.000	98	119591	40.0	41.6	
29 Cyclopentene	67	1.475	1.475	0.000	97	200400	20.0	20.8	
30 Methylene Chloride	84	1.493	1.493	0.000	92	80631	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.524	1.524	0.000	99	56741	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	77440	200.0	184.4	
33 Acrylonitrile	53	1.621	1.621	0.000	94	321898	200.0	216.0	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	86	78485	20.0	20.7	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	217127	20.0	21.1	
36 Hexane	57	1.804	1.804	0.000	93	90153	20.0	20.4	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	154246	20.0	20.1	
38 Vinyl acetate	86	1.920	1.920	0.000	100	32646	40.0	41.2	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	67	76708	20.0	21.2	
40 Isopropyl ether	45	1.932	1.932	0.000	77	264802	20.0	21.6	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	235784	20.0	20.8	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	80	434077	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	79	27018	20.0	20.4	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	84	84603	20.0	20.7	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	100	174306	100.0	102.8	
46 Propionitrile	54	2.298	2.298	0.000	98	123878	200.0	196.4	
47 Ethyl acetate	70	2.316	2.316	0.000	100	17280	40.0	39.1	
48 Methyl acrylate	55	2.334	2.334	0.000	94	80510	20.0	19.0	
50 Methacrylonitrile	67	2.401	2.401	0.000	91	345895	200.0	220.0	
49 Chlorobromomethane	128	2.408	2.408	0.000	47	33325	20.0	20.3	
51 Tetrahydrofuran	72	2.444	2.444	0.000	79	21600	40.0	40.8	
52 Chloroform	83	2.475	2.475	0.000	93	141190	20.0	20.4	
$ 53 Dibromofluoromethane (Surr)	113	2.590	2.590	0.000	95	161820	50.0	50.0	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	83	119924	20.0	20.2	
55 Cyclohexane	84	2.639	2.639	0.000	92	101071	20.0	20.1	
56 Carbon tetrachloride	117	2.725	2.725	0.000	73	95447	20.0	20.0	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	93	117827	20.0	20.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.840	2.840	0.000	92	203409	50.0	49.2	
59 Isobutyl alcohol	43	2.877	2.877	0.000	44	70612	500.0	529.6	a
60 Benzene	78	2.883	2.883	0.000	97	328910	20.0	21.2	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	62	103907	20.0	19.6	
62 Isooctane	57	2.975	2.975	0.000	95	153587	20.0	20.1	a
63 Isopropyl acetate	61	2.993	2.993	0.000	92	30242	20.0	21.0	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	76	217792	20.0	20.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	623014	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	91	71216	20.0	19.2	
67 Trichloroethene	95	3.450	3.450	0.000	90	83551	20.0	19.9	
68 n-Butanol	56	3.474	3.474	0.000	88	45000	500.0	373.3	
69 Ethyl acrylate	55	3.609	3.609	0.000	97	178068	20.0	20.4	
70 Methylcyclohexane	83	3.621	3.621	0.000	78	97338	20.0	20.0	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	88	87105	20.0	20.4	
72 Dibromomethane	93	3.761	3.761	0.000	49	48575	20.0	20.8	
* 73 1,4-Dioxane-d8	96	3.767	3.767	0.000	82	41771	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	44	20154	400.0	403.2	
75 Methyl methacrylate	100	3.828	3.828	0.000	91	37492	40.0	41.7	
76 n-Propyl acetate	43	3.907	3.907	0.000	98	107487	20.0	21.5	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	102859	20.0	20.2	
78 2-Nitropropane	41	4.182	4.182	0.000	98	35355	40.0	37.8	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	96	12298	20.0	21.5	
80 Epichlorohydrin	57	4.334	4.334	0.000	97	173478	400.0	405.0	
81 cis-1,3-Dichloropropene	75	4.425	4.425	0.000	88	131113	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.633	0.000	97	354423	100.0	102.2	

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	4.712	4.712	0.000	98	606403	50.0	51.1	
84 Toluene	91	4.785	4.785	0.000	94	321806	20.0	20.4	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	94	115724	20.0	21.0	
86 Ethyl methacrylate	69	5.279	5.279	0.000	88	92152	20.0	21.0	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	84	57107	20.0	20.8	
88 Tetrachloroethene	166	5.431	5.431	0.000	84	63440	20.0	20.4	
89 1,3-Dichloropropane	76	5.486	5.486	0.000	94	119679	20.0	20.9	
90 2-Hexanone	43	5.675	5.675	0.000	96	238781	100.0	99.0	
91 Chlorodibromomethane	129	5.761	5.761	0.000	96	64655	20.0	20.7	
92 Ethylene Dibromide	107	5.864	5.864	0.000	98	66744	20.0	20.9	
93 n-Butyl acetate	43	5.907	5.907	0.000	99	109009	20.0	20.6	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	419003	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	90	180330	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	91	61323	20.0	20.6	
97 Ethylbenzene	106	6.767	6.767	0.000	99	97577	20.0	20.5	
98 m-Xylene & p-Xylene	106	6.949	6.949	0.000	92	117855	20.0	20.5	
99 o-Xylene	106	7.510	7.510	0.000	92	110960	20.0	20.8	
100 Styrene	104	7.541	7.541	0.000	89	188317	20.0	20.7	
101 n-Butyl acrylate	73	7.644	7.644	0.000	96	49613	20.0	20.6	
102 Bromoform	173	7.748	7.748	0.000	91	38561	20.0	20.2	
103 Amyl acetate (mixed isomers)	43	8.028	8.028	0.000	90	122548	20.0	21.0	
104 Isopropylbenzene	105	8.108	8.108	0.000	97	276884	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	79	145373	50.0	49.1	
106 Bromobenzene	156	8.455	8.455	0.000	91	61683	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	89	89234	20.0	20.9	
108 1,2,3-Trichloropropane	110	8.620	8.620	0.000	85	23659	20.0	20.9	
109 trans-1,4-Dichloro-2-butene	53	8.717	8.717	0.000	87	27444	20.0	20.8	
110 N-Propylbenzene	91	8.754	8.754	0.000	98	348016	20.0	20.7	
111 2-Chlorotoluene	91	8.809	8.809	0.000	95	206881	20.0	20.4	
112 4-Ethyltoluene	105	8.949	8.949	0.000	99	253990	20.0	20.6	
113 4-Chlorotoluene	91	8.992	8.992	0.000	99	242336	20.0	20.8	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	90	208047	20.0	21.1	
115 Butyl Methacrylate	87	9.388	9.388	0.000	92	78774	20.0	21.0	
116 tert-Butylbenzene	119	9.565	9.565	0.000	90	162457	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	98	209608	20.0	20.8	
118 sec-Butylbenzene	105	9.931	9.931	0.000	98	240523	20.0	20.3	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	91	105251	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	185484	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	84	106903	20.0	19.8	
122 4-Isopropyltoluene	119	10.211	10.211	0.000	87	192269	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	99	211892	20.0	20.8	
124 Benzyl chloride	91	10.430	10.430	0.000	97	145895	20.0	20.8	
125 2,3-Dihydroindene	117	10.583	10.583	0.000	90	198972	20.0	20.9	
126 1,2-Dichlorobenzene	146	10.747	10.747	0.000	91	100495	20.0	20.0	
127 p-Diethylbenzene	119	10.863	10.863	0.000	87	96485	20.0	20.5	
128 n-Butylbenzene	92	10.894	10.894	0.000	98	107763	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	88	14196	20.0	20.5	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	95	162751	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	92	54509	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	93	51454	20.0	20.9	
134 Naphthalene	128	13.003	13.003	0.000	98	163108	20.0	21.0	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	50	20123	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	13.223	13.223	0.000	90	42129	20.0	20.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 137 Xylenes, Total	100				0		40.0	41.4	
S 140 Total BTEX	1				0		100.0	103.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.9	

QC Flag Legend

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

Reagents:

8260MIX1COMB_00141	Amount Added:	20.00	Units: uL	
ACROLEIN W_00129	Amount Added:	4.00	Units: uL	
GASES Li_00432	Amount Added:	20.00	Units: uL	
524freon_00040	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:33:03 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53998.D

Injection Date: 11-Aug-2021 05:36:44 Instrument ID: CVOAMS15

Lims ID: STD20

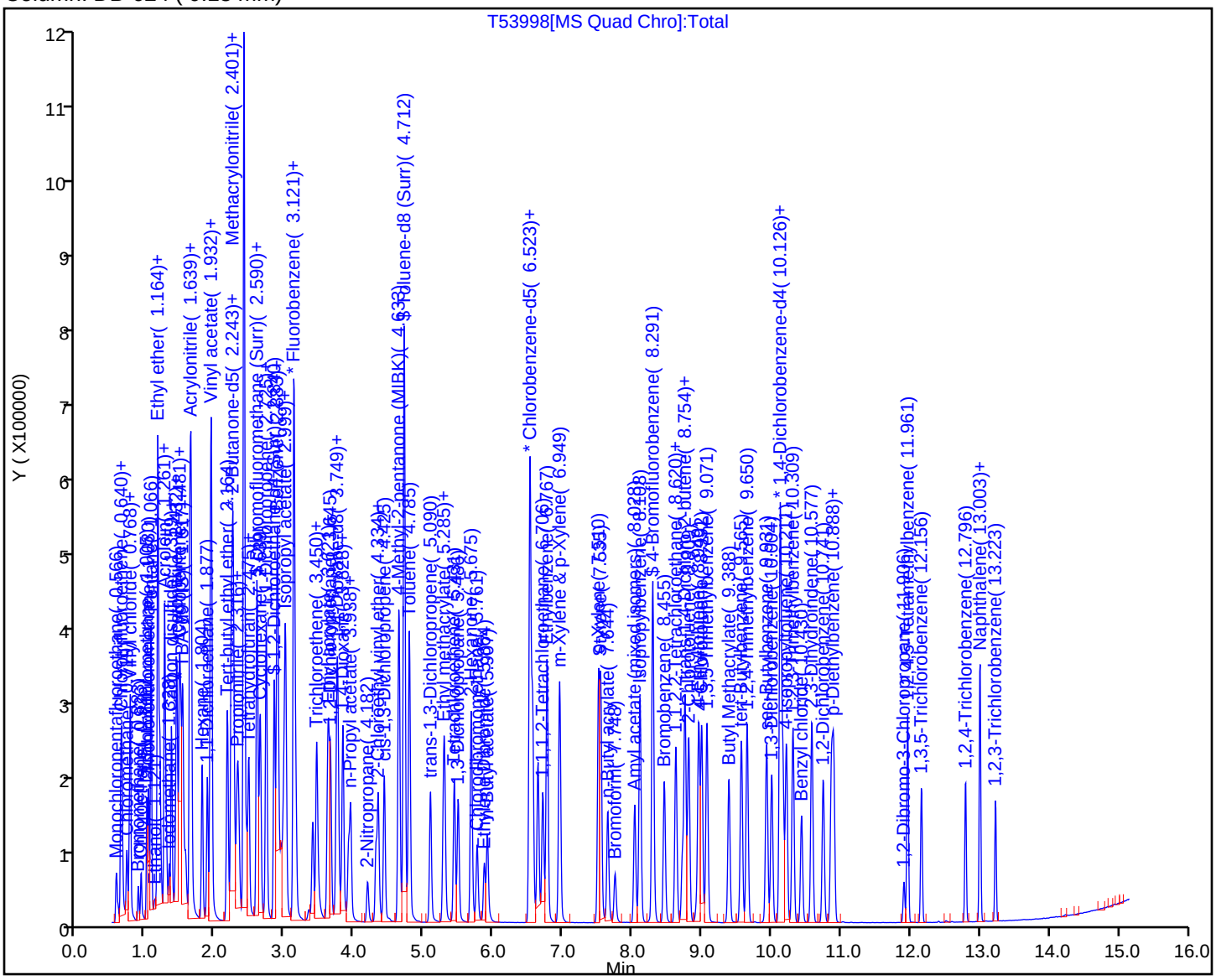
Client ID:

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 TestAmerica, Edison

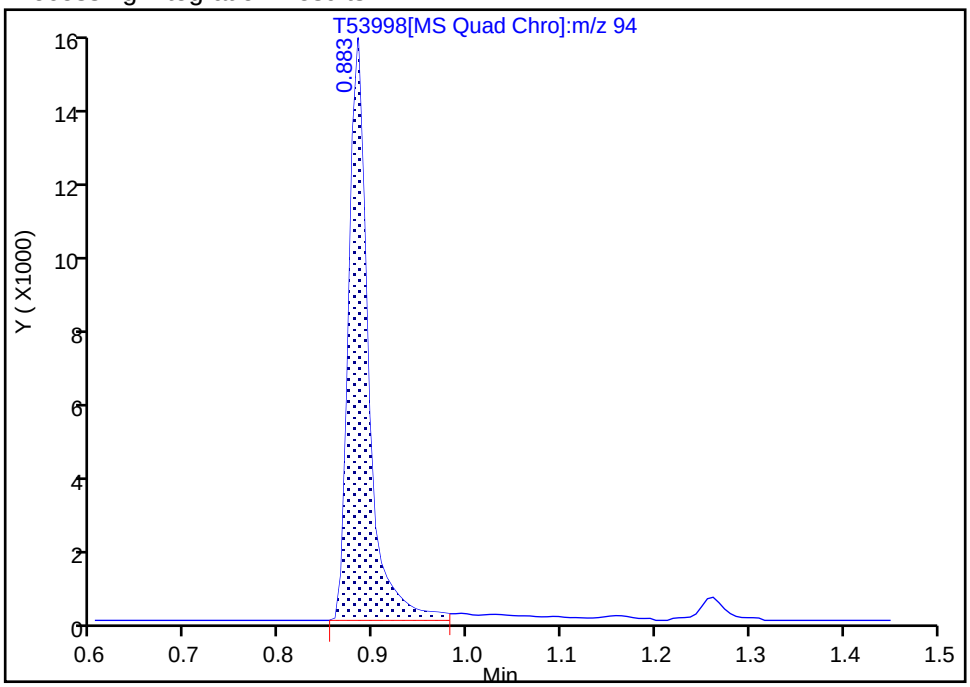
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53998.D
Injection Date: 11-Aug-2021 05:36:44 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

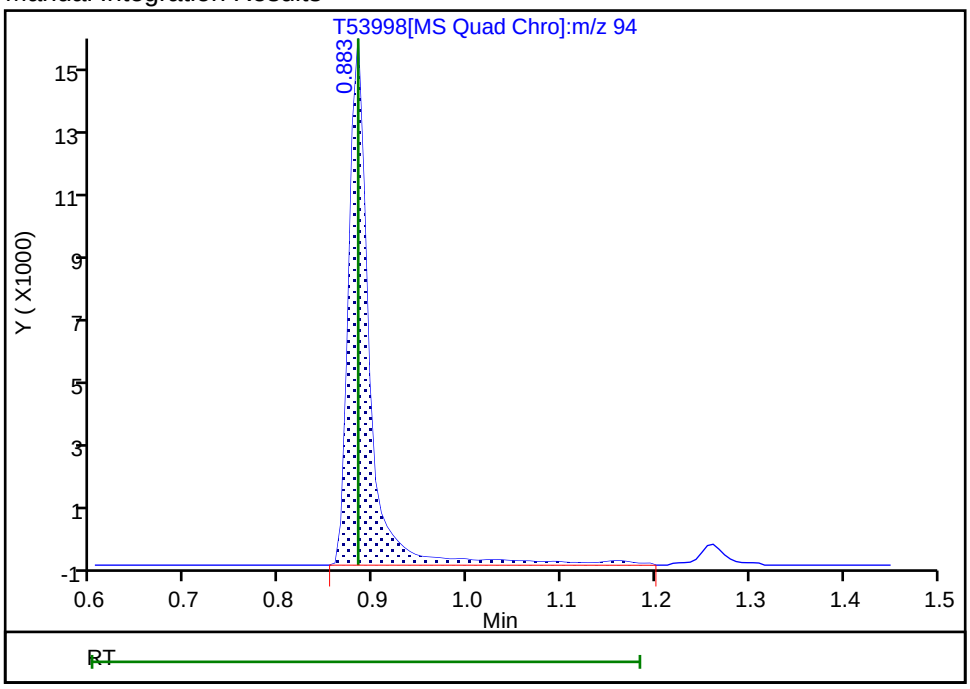
Processing Integration Results

RT: 0.88
Area: 22780
Amount: 14.280620
Amount Units: ug/l



Manual Integration Results

RT: 0.88
Area: 24236
Amount: 15.188605
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 19:55:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

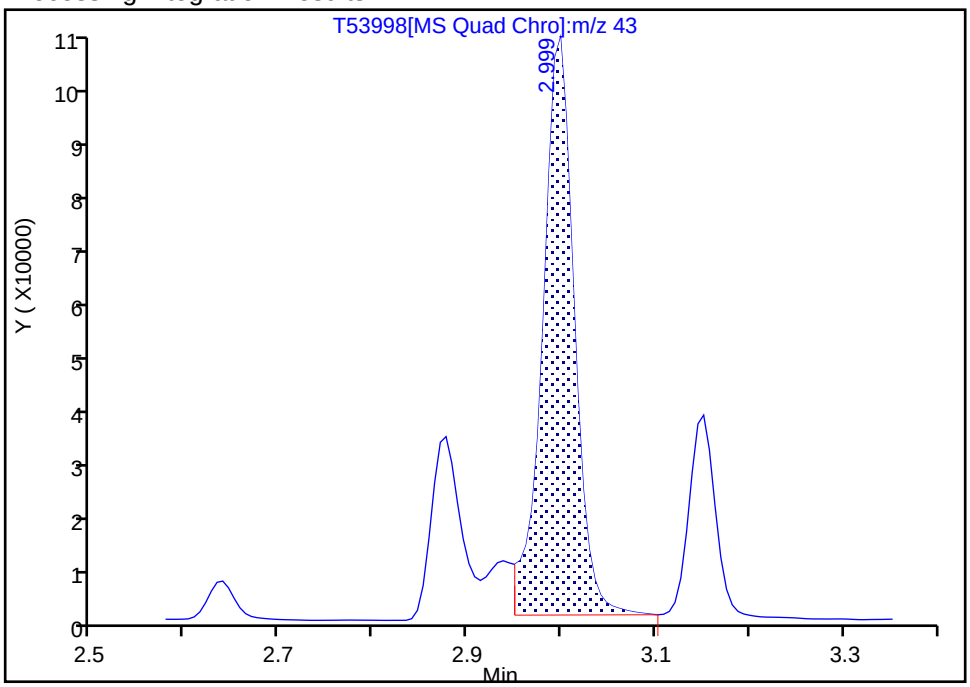
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53998.D
Injection Date: 11-Aug-2021 05:36:44 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

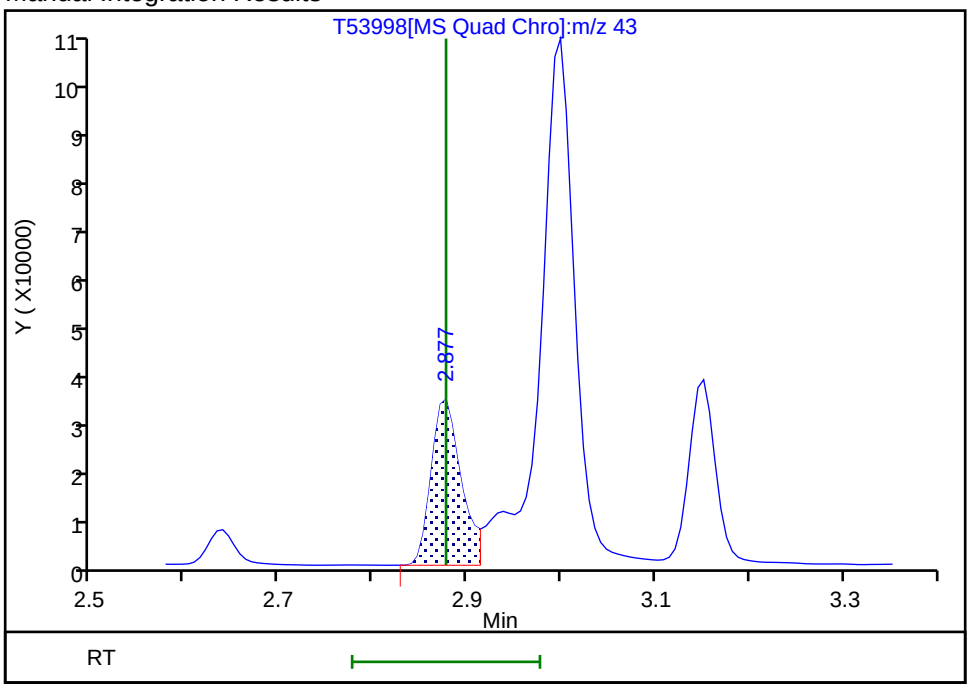
Processing Integration Results

RT: 3.00
Area: 232761
Amount: 405.7481
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 70612
Amount: 529.6009
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:28:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Aug-2021 05:57:48 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0133123-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:33:08 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:15:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.591	0.000	85	9218	50.0	55.5	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	71	72764	50.0	56.1	
2 1,1-Difluoroethane	65	0.634	0.633	0.001	98	103907	50.0	50.7	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	80	244084	50.0	52.4	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	39904	50.0	50.2	
6 Chloromethane	50	0.719	0.719	0.000	89	231289	50.0	47.2	
7 Vinyl chloride	62	0.756	0.755	0.001	99	245911	50.0	50.2	
8 Butadiene	54	0.768	0.768	0.000	97	204137	50.0	49.7	
9 Bromomethane	94	0.884	0.883	0.001	97	41855	50.0	28.2	M
10 Chloroethane	64	0.920	0.926	-0.006	96	66141	50.0	31.3	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	286987	50.0	44.6	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	87	220126	50.0	47.4	
13 Pentane	72	1.066	1.066	0.000	96	48282	100.0	102.2	
14 Ethanol	46	1.158	1.121	0.037	48	40925	2000.0	1904.6	M
15 Ethyl ether	59	1.158	1.158	0.000	60	152713	50.0	52.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	77	147668	50.0	51.1	
17 2-Methyl-1,3-butadiene	53	1.164	1.170	-0.006	81	167213	50.0	49.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.194	1.188	0.006	97	276921	50.0	50.5	
19 Acrolein	56	1.213	1.213	0.000	96	73177	101.4	99.9	
20 1,1-Dichloroethene	96	1.262	1.261	0.001	97	166114	50.0	50.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.262	1.261	0.001	63	161190	50.0	51.7	
22 Acetone	43	1.286	1.286	0.000	87	263120	250.0	226.7	
23 Iodomethane	142	1.329	1.328	0.001	100	175988	50.0	47.2	
24 Carbon disulfide	76	1.359	1.359	0.000	99	585030	50.0	49.6	
25 Isopropyl alcohol	45	1.365	1.359	0.006	33	119359	500.0	460.6	
26 Acetonitrile	40	1.426	1.426	0.000	84	153112	500.0	522.1	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	93	135226	50.0	55.3	
28 Methyl acetate	43	1.451	1.444	0.007	99	278468	100.0	99.6	
29 Cyclopentene	67	1.475	1.475	0.000	97	473329	50.0	50.4	
30 Methylene Chloride	84	1.493	1.493	0.000	91	192703	50.0	47.4	

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	1.524	1.524	0.000	99	54147	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.572	1.566	0.006	99	182434	500.0	455.2	
33 Acrylonitrile	53	1.627	1.621	0.006	94	748250	500.0	516.4	
34 trans-1,2-Dichloroethene	96	1.640	1.639	0.001	89	187082	50.0	50.9	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	526120	50.0	52.6	
36 Hexane	57	1.804	1.804	0.000	92	232572	50.0	54.0	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	375078	50.0	50.3	
38 Vinyl acetate	86	1.920	1.920	0.000	100	77397	100.0	103.7	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	65	179704	50.0	51.1	
40 Isopropyl ether	45	1.938	1.932	0.006	87	624621	50.0	52.4	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	576573	50.0	52.4	
* 42 2-Butanone-d5	46	2.225	2.219	0.006	91	408410	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	76	65323	50.0	50.8	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	85	200251	50.0	50.3	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	100	408768	250.0	256.2	
46 Propionitrile	54	2.304	2.298	0.006	98	287472	500.0	477.5	
47 Ethyl acetate	70	2.316	2.316	0.000	100	43384	100.0	104.4	
48 Methyl acrylate	55	2.335	2.334	0.000	93	200886	50.0	48.9	
50 Methacrylonitrile	67	2.408	2.401	0.007	91	795228	500.0	520.0	
49 Chlorobromomethane	128	2.408	2.408	0.000	44	77558	50.0	48.6	
51 Tetrahydrofuran	72	2.444	2.444	0.000	80	49044	100.0	98.5	
52 Chloroform	83	2.475	2.475	0.000	93	332153	50.0	49.3	
$ 53 Dibromofluoromethane (Surr)	113	2.591	2.590	0.001	78	156470	50.0	49.7	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	93	283569	50.0	49.0	
55 Cyclohexane	84	2.639	2.639	0.000	92	247421	50.0	50.7	
56 Carbon tetrachloride	117	2.725	2.725	0.000	74	232637	50.0	50.1	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	94	279556	50.0	49.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.841	2.840	0.000	92	198052	50.0	49.2	
59 Isobutyl alcohol	43	2.877	2.877	0.000	49	179376	1250.0	1409.8	a
60 Benzene	78	2.883	2.883	0.000	97	779428	50.0	50.6	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	61	251091	50.0	48.7	
62 Isooctane	57	2.975	2.975	0.000	96	401949	50.0	54.0	a
63 Isopropyl acetate	61	2.999	2.993	0.006	93	76040	50.0	54.3	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	73	527706	50.0	51.9	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	605898	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	92	180313	50.0	49.9	
67 Trichloroethene	95	3.450	3.450	0.000	90	202785	50.0	49.6	
68 n-Butanol	56	3.475	3.474	0.001	87	117312	1250.0	1036.8	
69 Ethyl acrylate	55	3.609	3.609	0.000	97	450745	50.0	53.0	
70 Methylcyclohexane	83	3.621	3.621	0.000	77	250330	50.0	53.0	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	87	211869	50.0	51.0	
72 Dibromomethane	93	3.761	3.761	0.000	48	117947	50.0	51.9	
* 73 1,4-Dioxane-d8	96	3.767	3.767	0.000	82	40869	1000.0	1000.0	
74 1,4-Dioxane	88	3.816	3.810	0.006	35	49037	1000.0	1002.7	
75 Methyl methacrylate	100	3.828	3.828	0.000	90	94311	100.0	107.8	
76 n-Propyl acetate	43	3.913	3.907	0.006	98	263847	50.0	54.1	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	255354	50.0	51.5	
78 2-Nitropropane	41	4.182	4.182	0.000	98	85259	100.0	93.7	
79 2-Chloroethyl vinyl ether	106	4.310	4.304	0.006	96	30608	50.1	55.1	
80 Epichlorohydrin	57	4.340	4.334	0.006	98	424882	1000.0	1054.2	
81 cis-1,3-Dichloropropene	75	4.426	4.425	0.001	88	328578	50.0	52.6	
82 4-Methyl-2-pentanone (MIBK)	43	4.639	4.633	0.006	96	848211	250.0	260.0	

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	4.712	4.712	0.000	98	593731	50.0	50.3	
84 Toluene	91	4.785	4.785	0.000	93	778632	50.0	49.7	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	94	292611	50.0	53.4	
86 Ethyl methacrylate	69	5.279	5.279	0.000	88	231676	50.0	53.2	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	79	141046	50.0	51.7	
88 Tetrachloroethene	166	5.431	5.431	0.000	85	157729	50.0	51.1	
89 1,3-Dichloropropane	76	5.486	5.486	0.000	94	292170	50.0	51.4	
90 2-Hexanone	43	5.675	5.675	0.000	96	580497	250.0	255.8	
91 Chlorodibromomethane	129	5.761	5.761	0.000	97	165553	50.0	53.4	
92 Ethylene Dibromide	107	5.864	5.864	0.000	97	167125	50.0	52.6	
93 n-Butyl acetate	43	5.907	5.907	0.000	99	268987	50.0	51.1	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	88	416569	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	90	448659	50.0	50.3	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	91	155220	50.0	52.4	
97 Ethylbenzene	106	6.767	6.767	0.001	99	242840	50.0	51.3	
98 m-Xylene & p-Xylene	106	6.950	6.949	0.001	93	291024	50.0	51.0	
99 o-Xylene	106	7.510	7.510	0.000	92	277104	50.0	52.3	
100 Styrene	104	7.541	7.541	0.000	89	476040	50.0	52.7	
101 n-Butyl acrylate	73	7.645	7.644	0.000	97	127786	50.0	53.3	
102 Bromoform	173	7.748	7.748	0.000	92	100068	50.0	52.7	
103 Amyl acetate (mixed isomers)	43	8.029	8.028	0.001	90	300940	50.0	50.9	
104 Isopropylbenzene	105	8.108	8.108	0.000	97	686406	50.0	51.2	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	79	146447	50.0	49.8	
106 Bromobenzene	156	8.455	8.455	0.000	91	157575	50.0	50.4	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	90	215260	50.0	49.7	
108 1,2,3-Trichloropropane	110	8.620	8.620	0.000	87	57499	50.0	50.3	
109 trans-1,4-Dichloro-2-butene	53	8.717	8.717	0.000	89	68840	50.0	51.4	
110 N-Propylbenzene	91	8.754	8.754	0.000	98	860194	50.0	50.5	
111 2-Chlorotoluene	91	8.809	8.809	0.000	95	511329	50.0	49.9	
112 4-Ethyltoluene	105	8.949	8.949	0.000	98	630983	50.0	50.7	
113 4-Chlorotoluene	91	8.992	8.992	0.000	99	594305	50.0	50.3	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	91	509628	50.0	51.0	
115 Butyl Methacrylate	87	9.388	9.388	0.000	91	209301	50.0	55.1	
116 tert-Butylbenzene	119	9.565	9.565	0.000	90	406414	50.0	50.7	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	98	522840	50.0	51.2	
118 sec-Butylbenzene	105	9.931	9.931	0.000	98	603066	50.0	50.3	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	91	263958	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	187822	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	88	272939	50.0	50.0	
122 4-Isopropyltoluene	119	10.217	10.211	0.006	91	483189	50.0	51.1	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	99	531395	50.0	51.4	
124 Benzyl chloride	91	10.431	10.430	0.001	97	373408	50.0	52.5	
125 2,3-Dihydroindene	117	10.583	10.583	0.000	90	499918	50.0	51.8	
126 1,2-Dichlorobenzene	146	10.748	10.747	0.001	92	257068	50.0	50.6	
127 p-Diethylbenzene	119	10.863	10.863	0.000	87	244872	50.0	51.5	a
128 n-Butylbenzene	92	10.894	10.894	0.000	98	268443	50.0	51.4	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	91	36459	50.0	52.0	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	95	422252	50.0	53.7	
131 1,3,5-Trichlorobenzene	180	12.162	12.156	0.006	93	142941	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	91	133615	50.0	53.6	
134 Naphthalene	128	12.997	13.003	-0.006	98	416294	50.0	53.1	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	51	51093	50.0	48.6	

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	13.229	13.223	0.006	93	108693	50.0	52.5	
S 136 1,2-Dichloroethene, Total	100				0		100.0	101.2	
S 137 Xylenes, Total	100				0		100.0	103.4	
S 140 Total BTEX	1				0		250.0	255.0	
S 139 1,3-Dichloropropene, Total	1				0		100.0	106.0	
S 138 Total 1,2-dichloroethene	1				0			101.2	

QC Flag Legend

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

Reagents:

8260MIX1COMB_00141	Amount Added:	50.00	Units: uL	
ACROLEIN W_00129	Amount Added:	10.00	Units: uL	
GASES Li_00432	Amount Added:	50.00	Units: uL	
524freon_00040	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:33:08 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D

Injection Date: 11-Aug-2021 05:57:48 Instrument ID: CVOAMS15

Lims ID: STD50

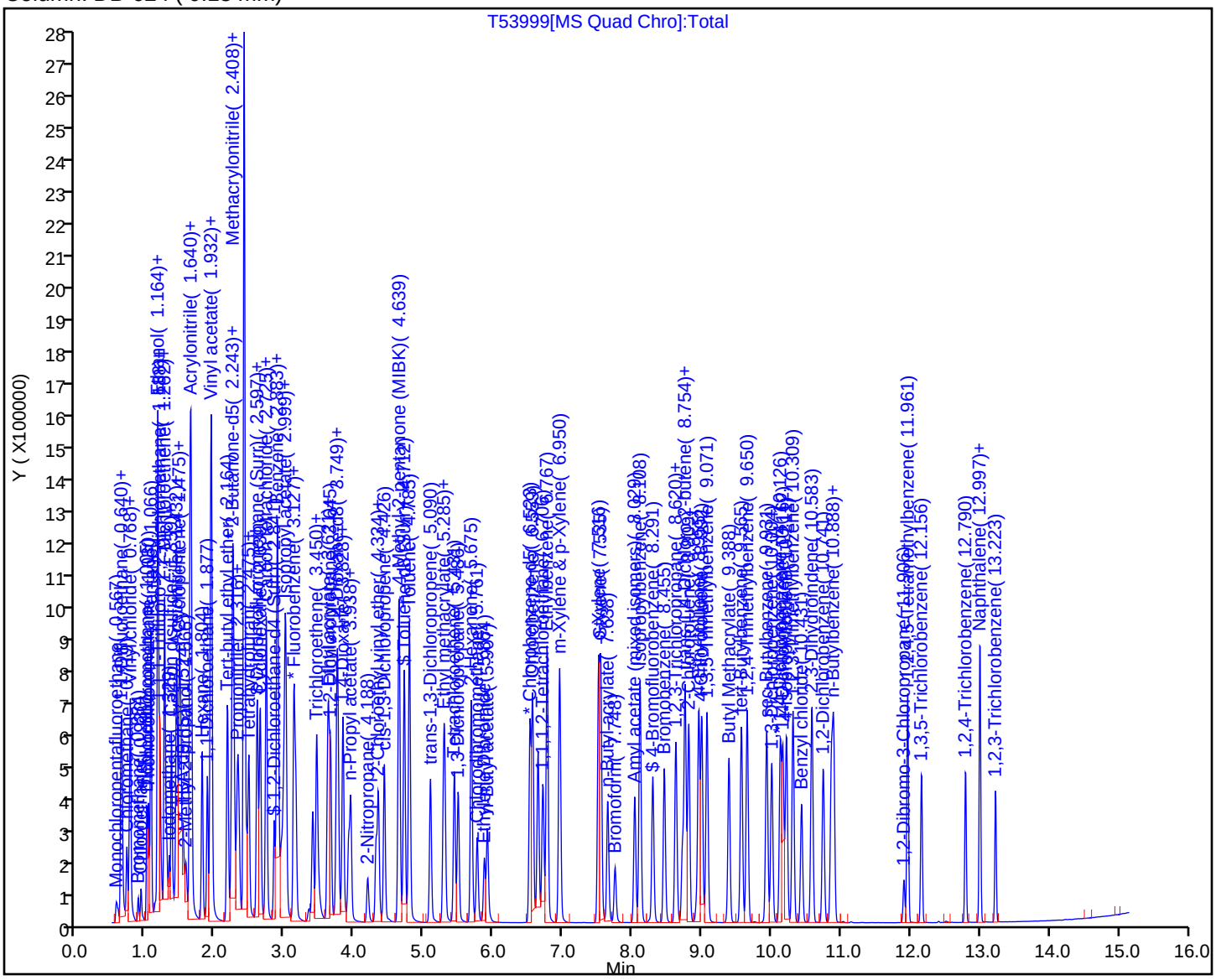
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

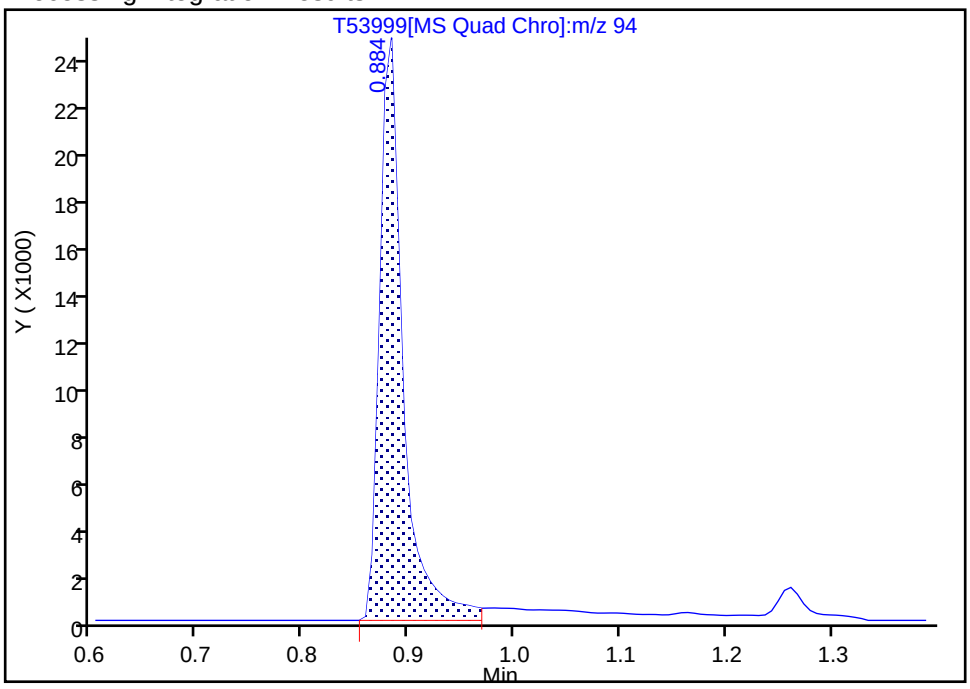
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D
Injection Date: 11-Aug-2021 05:57:48 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

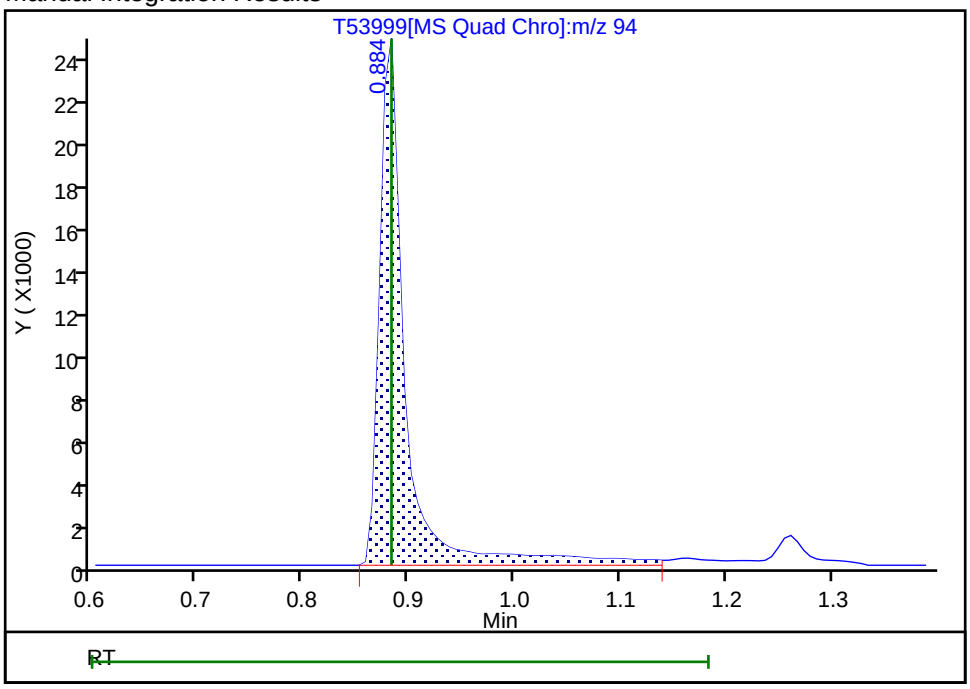
Processing Integration Results

RT: 0.88
Area: 37963
Amount: 25.697935
Amount Units: ug/l



Manual Integration Results

RT: 0.88
Area: 41855
Amount: 28.168096
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 19:54:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

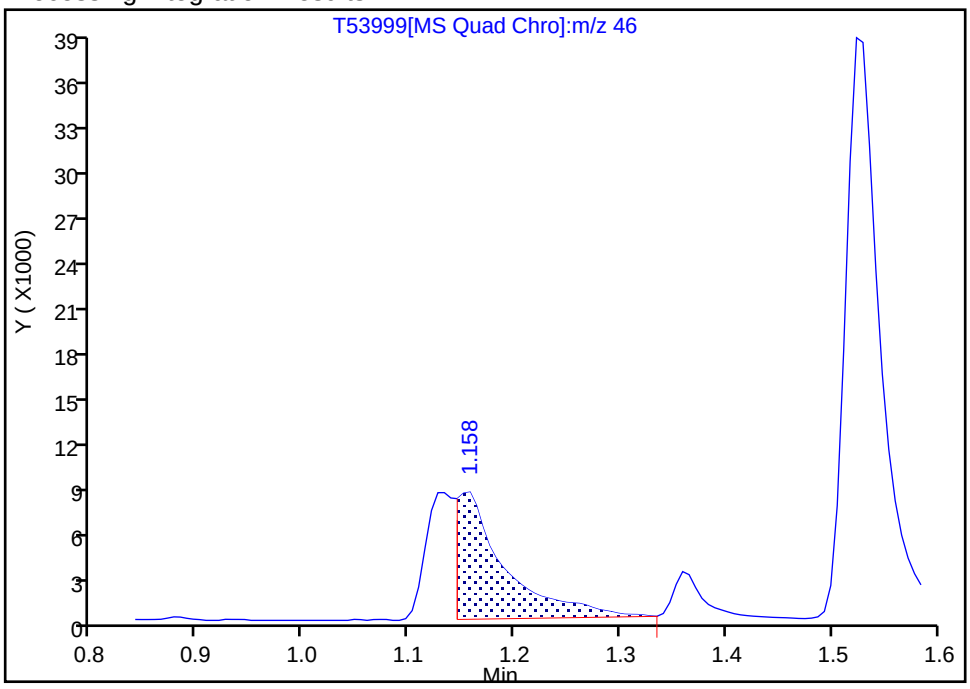
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D
Injection Date: 11-Aug-2021 05:57:48 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 2

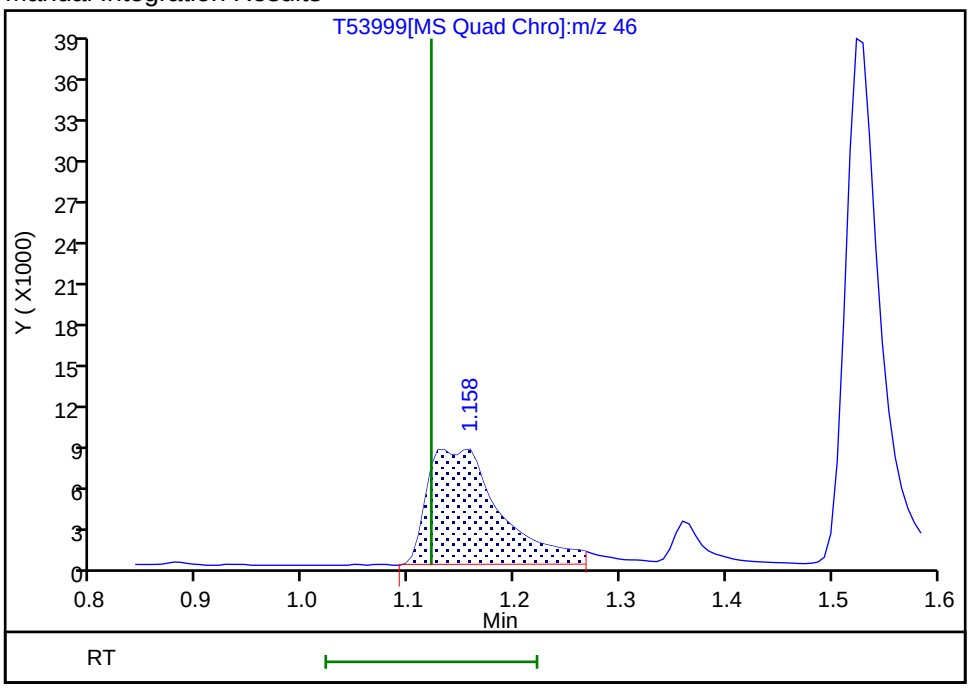
Processing Integration Results

RT: 1.16
Area: 27047
Amount: 1411.7720
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 40925
Amount: 1904.6096
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:35:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

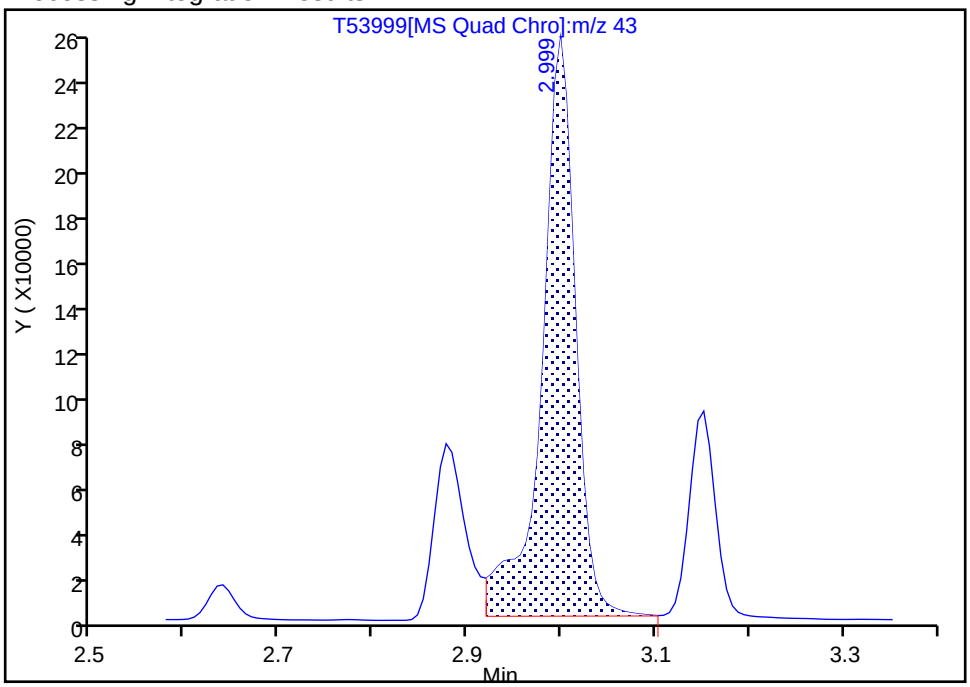
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D
Injection Date: 11-Aug-2021 05:57:48 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

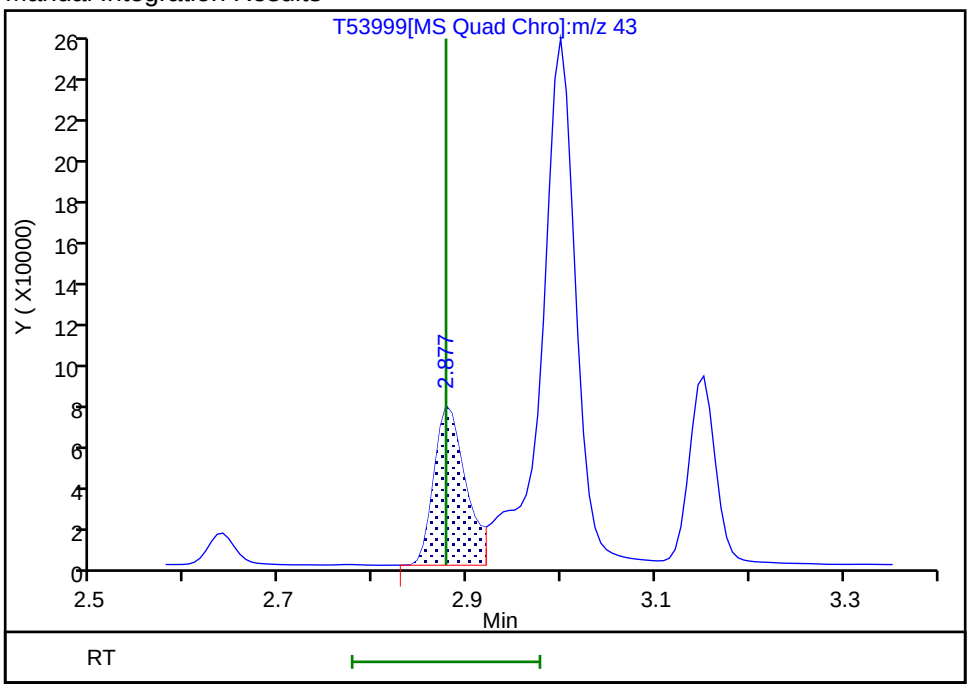
Processing Integration Results

RT: 3.00
Area: 621662
Amount: 1176.9563
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 179376
Amount: 1409.7987
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:28:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

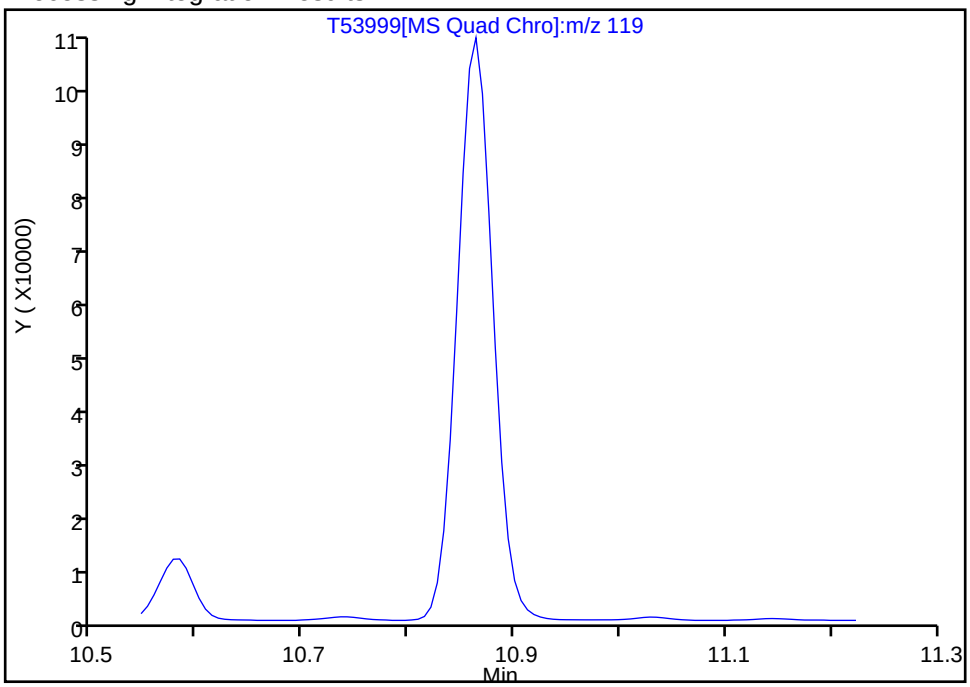
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53999.D
Injection Date: 11-Aug-2021 05:57:48 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

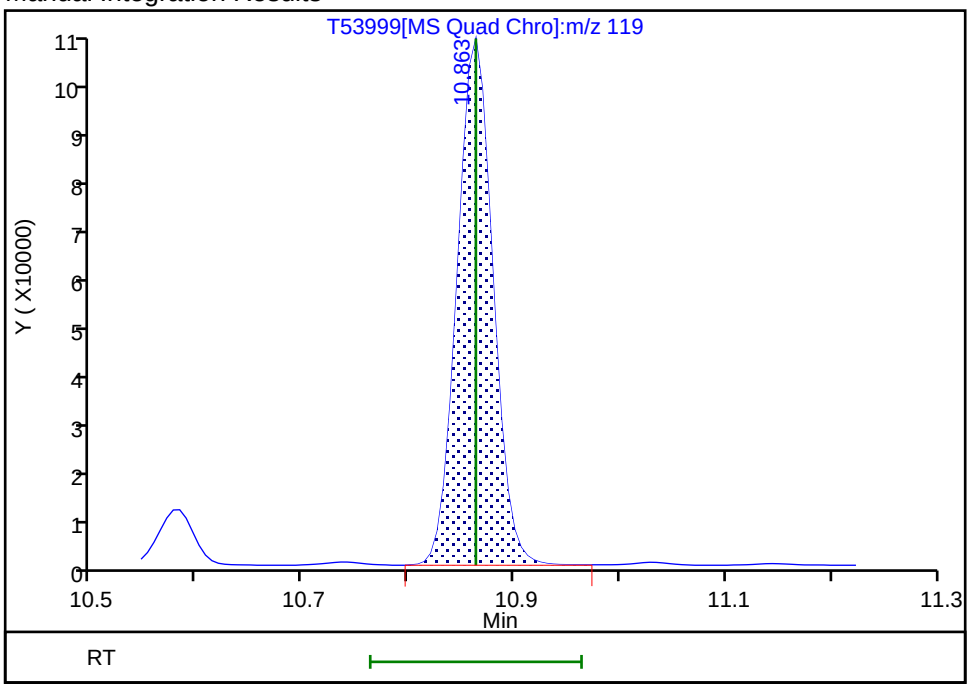
Not Detected
Expected RT: 10.86

Processing Integration Results



Manual Integration Results

RT: 10.86
Area: 244872
Amount: 51.484167
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:15:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54000.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Aug-2021 06:18:56 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0133123-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:33:12 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:17:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.591	0.000	90	26306	200.0	164.6	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	67	242556	200.0	194.2	
2 1,1-Difluoroethane	65	0.633	0.633	0.000	99	362911	200.0	184.2	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	84	930061	200.0	207.6	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	147588	200.0	193.0	
6 Chloromethane	50	0.713	0.719	-0.006	88	950172	200.0	201.5	
7 Vinyl chloride	62	0.755	0.755	0.000	99	926115	200.0	196.5	
8 Butadiene	54	0.768	0.768	0.000	96	756469	200.0	191.6	
9 Bromomethane	94	0.883	0.883	0.000	98	252420	200.0	212.4	
10 Chloroethane	64	0.920	0.926	-0.006	97	333280	200.0	211.9	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	1109569	200.0	179.3	
12 Trichlorofluoromethane	101	1.036	1.030	0.006	88	884794	200.0	197.9	
13 Pentane	72	1.066	1.066	0.000	95	188973	400.0	416.0	
14 Ethanol	46	1.127	1.121	0.006	94	138064	8000.0	6323.2	M
15 Ethyl ether	59	1.158	1.158	0.000	67	542191	200.0	191.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	76	531515	200.0	191.0	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	85	634449	200.0	194.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.194	1.188	0.006	87	1001373	200.0	189.7	
19 Acrolein	56	1.213	1.213	0.000	83	139978	202.8	188.1	
20 1,1-Dichloroethene	96	1.261	1.261	0.000	88	611168	200.0	191.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	67	623998	200.0	208.1	
22 Acetone	43	1.286	1.286	0.000	87	1130465	1000.0	1038.5	
23 Iodomethane	142	1.328	1.328	0.000	100	633886	200.0	202.4	
24 Carbon disulfide	76	1.359	1.359	0.000	99	2209910	200.0	194.8	
25 Isopropyl alcohol	45	1.365	1.359	0.006	33	445654	2000.0	1692.5	
26 Acetonitrile	40	1.426	1.426	0.000	86	527489	2000.0	1918.2	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	93	416072	200.0	176.9	
28 Methyl acetate	43	1.450	1.444	0.006	99	1038422	400.0	386.2	
29 Cyclopentene	67	1.475	1.475	0.000	97	1774882	200.0	196.5	
30 Methylene Chloride	84	1.493	1.493	0.000	90	726619	200.0	185.9	

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	1.530	1.524	0.006	96	55022	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.572	1.566	0.006	99	698649	2000.0	1715.4	
33 Acrylonitrile	53	1.627	1.621	0.006	94	2680689	2000.0	1923.1	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	77	666683	200.0	188.4	
35 Methyl tert-butyl ether	73	1.645	1.646	-0.001	97	1881017	200.0	195.5	
36 Hexane	57	1.804	1.804	0.000	93	884272	200.0	213.4	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	1406984	200.0	196.3	
38 Vinyl acetate	86	1.920	1.920	0.000	100	299010	400.0	427.3	
39 2-Chloro-1,3-butadiene	88	1.938	1.932	0.006	68	658863	200.0	194.9	
40 Isopropyl ether	45	1.938	1.932	0.006	84	2216227	200.0	193.4	
41 Tert-butyl ethyl ether	59	2.170	2.164	0.006	88	2290816	200.0	216.5	
* 42 2-Butanone-d5	46	2.225	2.219	0.006	72	382994	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	77	248864	200.0	201.1	
43 cis-1,2-Dichloroethene	96	2.249	2.243	0.006	86	748806	200.0	195.6	
45 2-Butanone (MEK)	43	2.267	2.261	0.006	100	1643822	1000.0	1098.6	
46 Propionitrile	54	2.304	2.298	0.006	98	1114196	2000.0	1821.3	a
47 Ethyl acetate	70	2.322	2.316	0.006	100	169044	400.0	433.6	
48 Methyl acrylate	55	2.340	2.334	0.006	95	892139	200.0	225.6	
50 Methacrylonitrile	67	2.420	2.401	0.019	91	2806683	2000.0	1907.9	
49 Chlorobromomethane	128	2.414	2.408	0.006	44	272052	200.0	177.2	
51 Tetrahydrofuran	72	2.450	2.444	0.006	81	188595	400.0	403.9	
52 Chloroform	83	2.475	2.475	0.000	93	1245400	200.0	192.2	
$ 53 Dibromofluoromethane (Surr)	113	2.590	2.590	0.000	41	148747	50.0	49.1	
54 1,1,1-Trichloroethane	97	2.603	2.597	0.006	93	1107399	200.0	198.9	
55 Cyclohexane	84	2.639	2.639	0.000	92	963285	200.0	205.1	
56 Carbon tetrachloride	117	2.725	2.725	-0.001	77	911117	200.0	204.1	
57 1,1-Dichloropropene	75	2.731	2.725	0.006	94	1062286	200.0	195.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.840	2.840	0.000	92	186961	50.0	48.3	
59 Isobutyl alcohol	43	2.883	2.877	0.006	44	710406	5000.0	5494.6	a
60 Benzene	78	2.883	2.883	0.000	97	2850187	200.0	184.1	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	53	932942	200.0	188.3	
62 Isooctane	57	2.974	2.975	-0.001	96	1534030	200.0	214.2	a
63 Isopropyl acetate	61	2.999	2.993	0.006	93	295950	200.0	219.9	
64 Tert-amyl methyl ether	73	3.011	3.005	0.006	77	2037201	200.0	208.3	
* 65 Fluorobenzene	96	3.127	3.121	0.006	97	582840	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	92	709902	200.0	204.4	
67 Trichloroethene	95	3.450	3.450	0.000	90	791605	200.0	201.2	
68 n-Butanol	56	3.474	3.474	0.000	88	529091	5000.0	5129.2	
69 Ethyl acrylate	55	3.615	3.609	0.006	97	1791535	200.0	219.0	
70 Methylcyclohexane	83	3.621	3.621	0.000	73	974615	200.0	214.6	
71 1,2-Dichloropropane	63	3.657	3.651	0.006	89	801905	200.0	200.6	
72 Dibromomethane	93	3.761	3.761	0.000	40	446400	200.0	204.3	
* 73 1,4-Dioxane-d8	96	3.767	3.767	0.000	74	39290	1000.0	1000.0	
74 1,4-Dioxane	88	3.822	3.810	0.012	32	181637	4000.0	3863.2	
75 Methyl methacrylate	100	3.834	3.828	0.006	90	381689	400.0	453.5	
76 n-Propyl acetate	43	3.913	3.907	0.006	98	1065144	200.0	227.2	
77 Dichlorobromomethane	83	3.944	3.938	0.006	96	988304	200.0	207.4	
78 2-Nitropropane	41	4.188	4.182	0.006	97	377157	400.0	430.8	
79 2-Chloroethyl vinyl ether	106	4.310	4.304	0.006	96	120709	200.5	226.0	
80 Epichlorohydrin	57	4.346	4.334	0.012	98	1692069	4000.0	4477.0	
81 cis-1,3-Dichloropropene	75	4.425	4.425	0.000	88	1273402	200.0	202.8	
82 4-Methyl-2-pentanone (MIBK)	43	4.639	4.633	0.006	96	3318290	1000.0	1084.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.718	4.712	0.006	98	581111	50.0	49.0	
84 Toluene	91	4.791	4.785	0.006	94	2955701	200.0	188.0	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	94	1165375	200.0	211.8	
86 Ethyl methacrylate	69	5.279	5.279	0.000	88	954222	200.0	218.0	
87 1,1,2-Trichloroethane	83	5.297	5.291	0.006	84	539230	200.0	196.7	
88 Tetrachloroethene	166	5.437	5.431	0.006	86	635673	200.0	205.1	
89 1,3-Dichloropropane	76	5.492	5.486	0.006	94	1129287	200.0	197.8	
90 2-Hexanone	43	5.681	5.675	0.006	96	2366779	1000.0	1112.1	
91 Chlorodibromomethane	129	5.767	5.761	0.006	97	670423	200.0	215.4	
92 Ethylene Dibromide	107	5.870	5.864	0.006	98	659002	200.0	206.5	
93 n-Butyl acetate	43	5.913	5.907	0.006	99	1102626	200.0	208.7	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	89	418430	50.0	50.0	
95 Chlorobenzene	112	6.565	6.559	0.006	90	1783527	200.0	199.0	
96 1,1,1,2-Tetrachloroethane	131	6.712	6.706	0.006	92	630616	200.0	211.8	
97 Ethylbenzene	106	6.773	6.767	0.007	99	953031	200.0	200.5	
98 m-Xylene & p-Xylene	106	6.955	6.949	0.006	93	1141213	200.0	199.2	
99 o-Xylene	106	7.516	7.510	0.006	92	1087843	200.0	204.6	
100 Styrene	104	7.547	7.541	0.006	89	1871788	200.0	206.3	
101 n-Butyl acrylate	73	7.644	7.644	0.000	97	525351	200.0	218.3	
102 Bromoform	173	7.748	7.748	0.000	92	436640	200.0	229.1	
103 Amyl acetate (mixed isomers)	43	8.035	8.028	0.006	90	1237152	200.0	203.9	
104 Isopropylbenzene	105	8.114	8.108	0.006	97	2676809	200.0	198.9	
$ 105 4-Bromofluorobenzene	174	8.297	8.291	0.006	81	149109	50.0	50.5	
106 Bromobenzene	156	8.461	8.455	0.006	92	644499	200.0	200.7	
107 1,1,2,2-Tetrachloroethane	83	8.626	8.620	0.006	92	882382	200.0	198.6	
108 1,2,3-Trichloropropane	110	8.626	8.620	0.006	86	235729	200.0	200.9	
109 trans-1,4-Dichloro-2-butene	53	8.723	8.717	0.006	91	292315	200.0	212.9	
110 N-Propylbenzene	91	8.760	8.754	0.006	98	3385675	200.0	193.8	
111 2-Chlorotoluene	91	8.815	8.809	0.006	95	2001312	200.0	190.3	
112 4-Ethyltoluene	105	8.961	8.949	0.012	98	2524255	200.0	197.5	
113 4-Chlorotoluene	91	9.004	8.992	0.012	99	2333626	200.0	192.5	
114 1,3,5-Trimethylbenzene	105	9.077	9.071	0.006	91	2043251	200.0	199.1	
115 Butyl Methacrylate	87	9.394	9.388	0.006	90	912247	200.0	234.0	
116 tert-Butylbenzene	119	9.571	9.565	0.006	88	1625141	200.0	197.4	
117 1,2,4-Trimethylbenzene	105	9.656	9.650	0.006	98	2097416	200.0	200.0	
118 sec-Butylbenzene	105	9.937	9.931	0.006	98	2427504	200.0	197.3	
119 1,3-Dichlorobenzene	146	10.010	10.004	0.006	92	1090825	200.0	201.1	
* 120 1,4-Dichlorobenzene-d4	152	10.132	10.126	0.006	97	192722	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.168	10.162	0.006	90	1119584	200.0	199.7	
122 4-Isopropyltoluene	119	10.217	10.211	0.006	94	1955263	200.0	201.6	
123 1,2,3-Trimethylbenzene	105	10.315	10.309	0.006	99	2146237	200.0	202.3	
124 Benzyl chloride	91	10.437	10.430	0.006	98	1638747	200.0	224.7	
125 2,3-Dihydroindene	117	10.589	10.583	0.006	90	1997321	200.0	201.8	
126 1,2-Dichlorobenzene	146	10.747	10.747	0.000	91	1042285	200.0	199.9	
127 p-Diethylbenzene	119	10.869	10.863	0.006	86	999092	200.0	204.7	
128 n-Butylbenzene	92	10.900	10.894	0.006	98	1069902	200.0	199.7	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	92	166450	200.0	231.3	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	95	1713792	200.0	212.5	
131 1,3,5-Trichlorobenzene	180	12.162	12.156	0.006	91	596713	200.0	208.9	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	91	544433	200.0	212.8	
134 Naphthalene	128	13.003	13.003	0.000	98	1653379	200.0	205.4	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	51	212414	200.0	196.8	

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	13.229	13.223	0.006	94	431853	200.0	203.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	384.0	
S 137 Xylenes, Total	100				0		400.0	403.8	
S 140 Total BTEX	1				0		1000.0	976.4	
S 139 1,3-Dichloropropene, Total	1				0		400.0	414.6	
S 138 Total 1,2-dichloroethene	1				0			384.0	

QC Flag Legend

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

Reagents:

ACROLEIN W_00129	Amount Added:	20.00	Units: uL	
GAS Hi_00394	Amount Added:	20.00	Units: uL	
Ethanol mix_00055	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00114	Amount Added:	20.00	Units: uL	
MIX I Hi_00141	Amount Added:	20.00	Units: uL	
8FreonHi_00035	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:33:13 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54000.D

Injection Date: 11-Aug-2021 06:18:56 Instrument ID: CVOAMS15

Lims ID: STD200

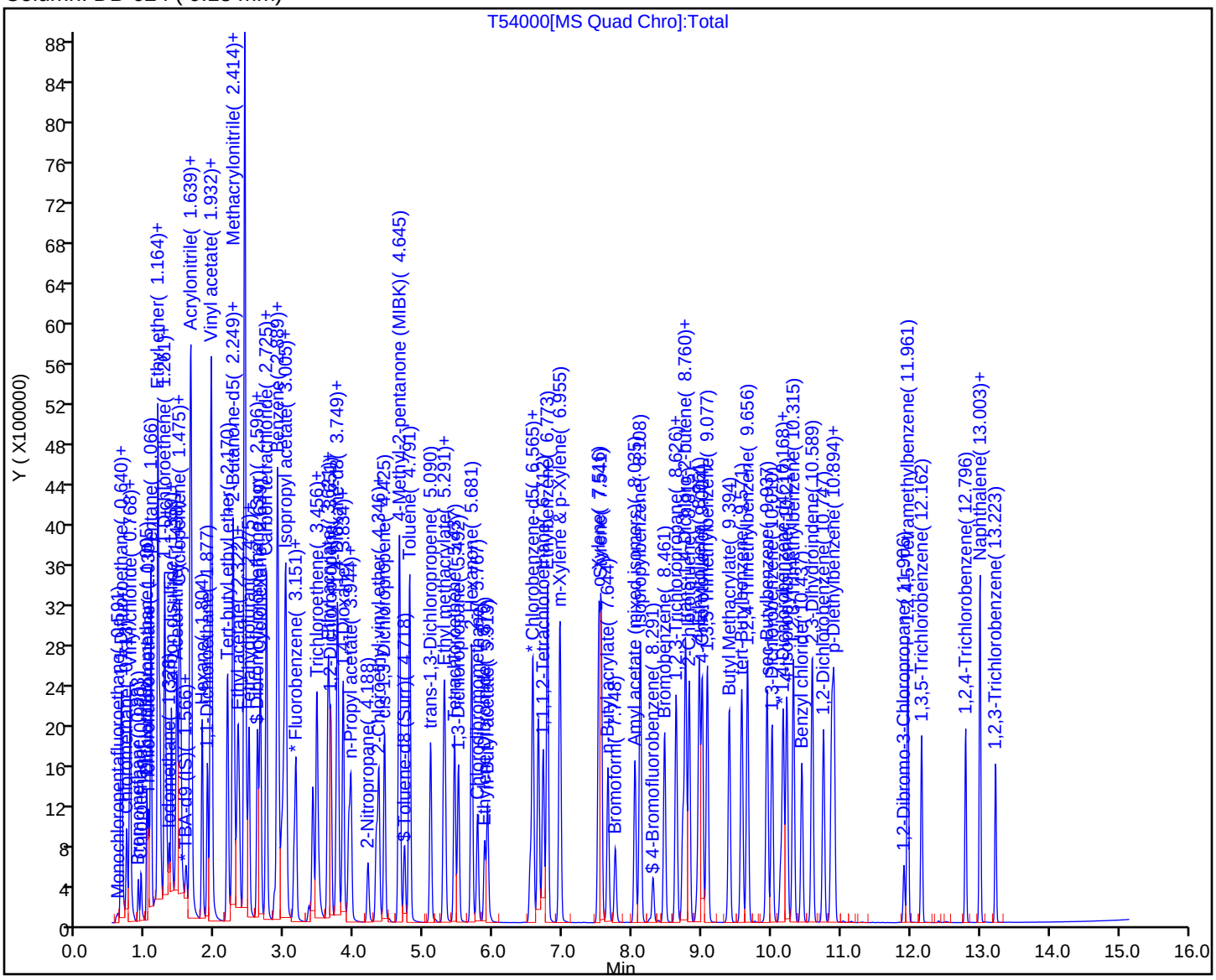
Client ID:

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)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

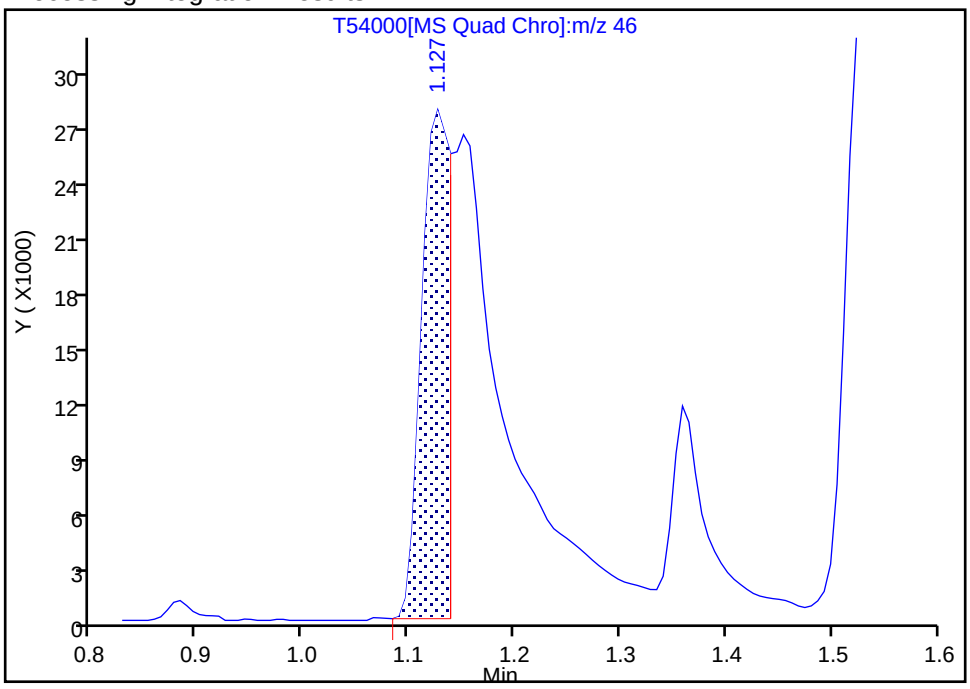
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54000.D
Injection Date: 11-Aug-2021 06:18:56 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 2

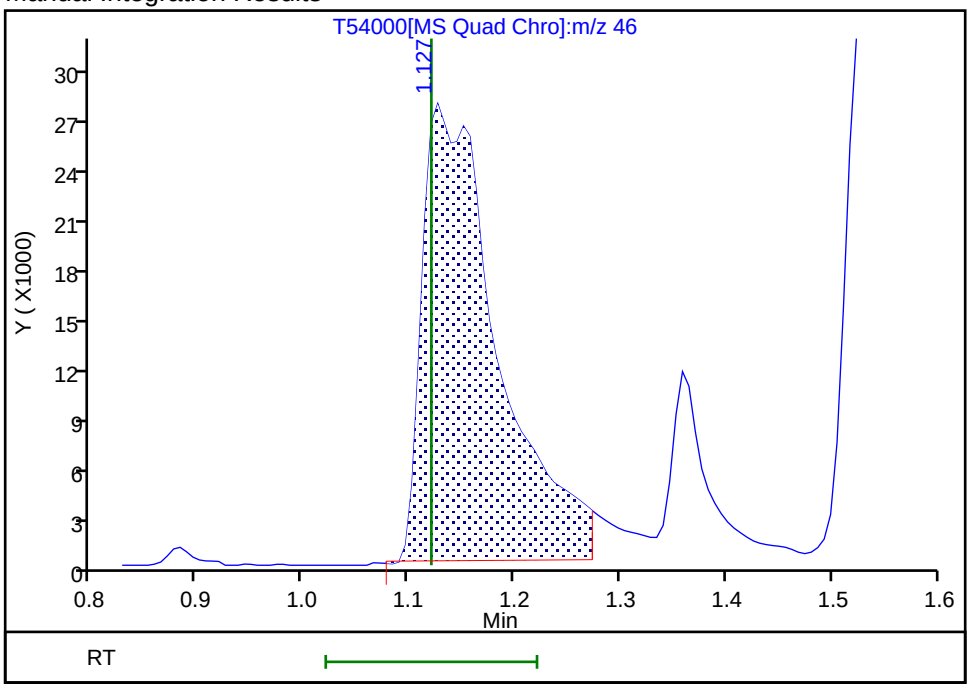
Processing Integration Results

RT: 1.13
Area: 53378
Amount: 2972.7882
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 138064
Amount: 6323.1833
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:16:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

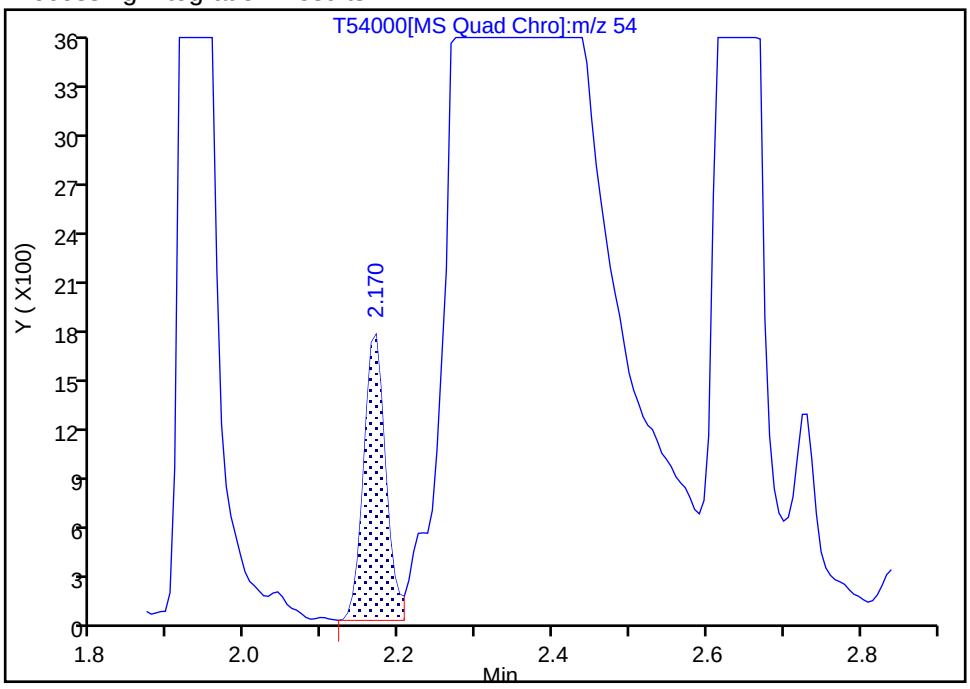
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54000.D
Injection Date: 11-Aug-2021 06:18:56 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

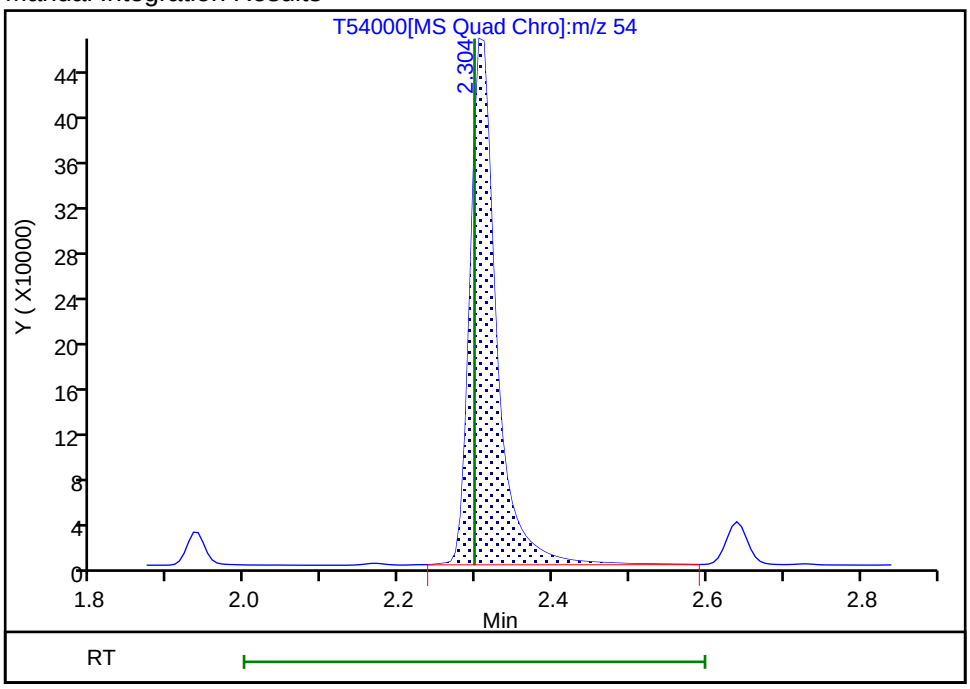
Processing Integration Results

RT: 2.17
Area: 3373
Amount: 8.618258
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 1114196
Amount: 1821.3012
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:16:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

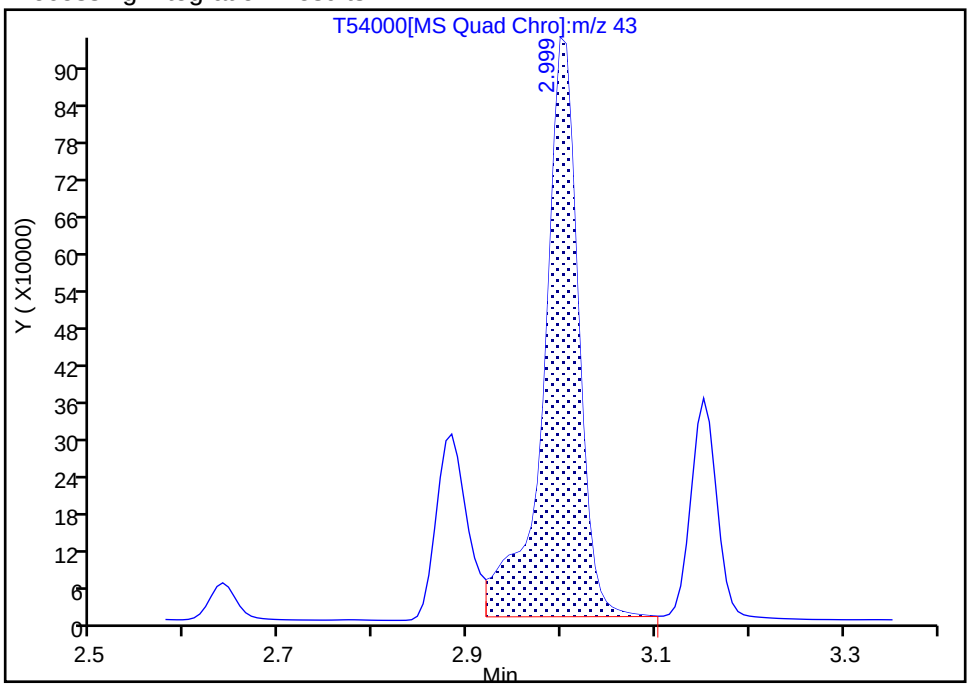
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54000.D
Injection Date: 11-Aug-2021 06:18:56 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

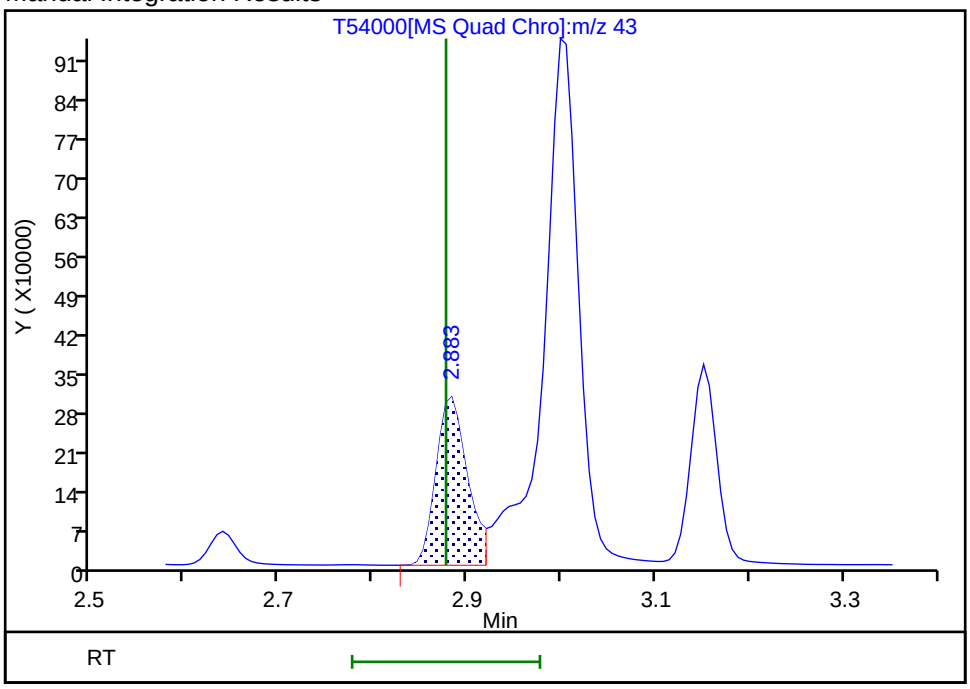
Processing Integration Results

RT: 3.00
Area: 2424019
Amount: 11314
Amount Units: ug/l



Manual Integration Results

RT: 2.88
Area: 710406
Amount: 5494.6168
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:29:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 11-Aug-2021 06:40:02 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0133123-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:33:18 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 07:18:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.591	0.000	91	68769	500.0	460.5	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	70	571659	500.0	490.1	
2 1,1-Difluoroethane	65	0.633	0.633	0.000	98	830080	500.0	451.2	
4 Dichlorodifluoromethane	85	0.639	0.640	-0.001	83	2138331	500.0	511.1	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	347373	500.0	486.4	
6 Chloromethane	50	0.713	0.719	-0.006	88	2405689	500.0	546.2	
7 Vinyl chloride	62	0.755	0.755	0.000	84	2000009	500.0	454.4	
8 Butadiene	54	0.768	0.768	0.000	97	1618680	500.0	439.0	
9 Bromomethane	94	0.883	0.883	0.000	98	382401	500.0	494.9	M
10 Chloroethane	64	0.920	0.926	-0.006	95	406773	500.0	401.6	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	2004540	500.0	346.9	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	87	1794061	500.0	429.6	
13 Pentane	72	1.066	1.066	0.000	94	336030	1000.0	792.0	
14 Ethanol	46	1.158	1.121	0.037	42	291502	20000	11283	
15 Ethyl ether	59	1.164	1.158	0.006	51	1003693	500.0	380.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.170	1.164	0.006	75	1051732	500.0	404.7	
17 2-Methyl-1,3-butadiene	53	1.164	1.170	-0.006	88	1216991	500.0	399.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.194	1.188	0.006	84	2167042	500.0	439.5	
19 Acrolein	56	1.219	1.213	0.006	61	254191	405.6	288.6	
20 1,1-Dichloroethene	96	1.261	1.261	0.000	88	1276864	500.0	428.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	68	1288663	500.0	460.1	
22 Acetone	43	1.292	1.286	0.006	87	2182854	2500.0	2267.0	
23 Iodomethane	142	1.328	1.328	0.000	100	1053577	500.0	498.9	
24 Carbon disulfide	76	1.359	1.359	0.000	99	4674559	500.0	441.1	
25 Isopropyl alcohol	45	1.383	1.359	0.024	58	1047667	5000.0	3362.7	
26 Acetonitrile	40	1.432	1.426	0.006	83	999922	5000.0	4110.8	
27 3-Chloro-1-propene	76	1.438	1.432	0.006	93	883892	500.0	402.2	
28 Methyl acetate	43	1.456	1.444	0.012	99	2299834	1000.0	915.7	
29 Cyclopentene	67	1.475	1.475	0.000	96	3689590	500.0	437.2	
30 Methylene Chloride	84	1.499	1.493	0.006	89	1549040	500.0	424.2	

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	1.536	1.524	0.012	49	65103	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.591	1.566	0.025	97	1575072	5000.0	3268.4	
33 Acrylonitrile	53	1.633	1.621	0.012	93	5469006	5000.0	4200.4	
34 trans-1,2-Dichloroethene	96	1.645	1.639	0.006	65	1373554	500.0	415.5	
35 Methyl tert-butyl ether	73	1.651	1.646	0.005	97	3878037	500.0	431.6	
36 Hexane	57	1.804	1.804	0.000	93	1882281	500.0	486.2	
37 1,1-Dichloroethane	63	1.883	1.877	0.006	95	3018379	500.0	450.8	
38 Vinyl acetate	86	1.926	1.920	0.006	99	645168	1000.0	1042.4	
39 2-Chloro-1,3-butadiene	88	1.938	1.932	0.006	64	1348336	500.0	427.1	
40 Isopropyl ether	45	1.944	1.932	0.012	83	4388384	500.0	410.1	
41 Tert-butyl ethyl ether	59	2.170	2.164	0.006	88	4765086	500.0	482.1	
* 42 2-Butanone-d5	46	2.237	2.219	0.018	47	338774	250.0	250.0	
44 2,2-Dichloropropane	97	2.249	2.243	0.006	81	543352	500.0	470.1	
43 cis-1,2-Dichloroethene	96	2.249	2.243	0.006	84	1621553	500.0	453.5	
45 2-Butanone (MEK)	43	2.273	2.261	0.012	100	3343208	2500.0	2526.1	
46 Propionitrile	54	2.322	2.298	0.024	77	2511961	5000.0	3470.3	a
47 Ethyl acetate	70	2.328	2.316	0.012	100	377114	1000.0	1093.6	
48 Methyl acrylate	55	2.346	2.334	0.012	92	1969006	500.0	533.0	
50 Methacrylonitrile	67	2.432	2.401	0.031	92	5576916	5000.0	4058.8	
49 Chlorobromomethane	128	2.420	2.408	0.012	49	612123	500.0	426.7	
51 Tetrahydrofuran	72	2.462	2.444	0.018	77	427295	1000.0	1034.6	
52 Chloroform	83	2.487	2.475	0.012	93	2700878	500.0	446.2	
$ 53 Dibromofluoromethane (Surr)	113	2.596	2.590	0.006	32	133383	50.0	47.1	
54 1,1,1-Trichloroethane	97	2.603	2.597	0.006	93	2459861	500.0	473.1	
55 Cyclohexane	84	2.645	2.639	0.006	91	2063988	500.0	470.5	
56 Carbon tetrachloride	117	2.731	2.725	0.006	76	1989122	500.0	477.0	
57 1,1-Dichloropropene	75	2.731	2.725	0.006	93	2227850	500.0	439.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.846	2.840	0.006	92	163531	50.0	45.2	
59 Isobutyl alcohol	43	2.901	2.877	0.024	41	1495729	12500	9777.3	a
60 Benzene	78	2.889	2.883	0.006	98	5950775	500.0	382.6	
61 1,2-Dichloroethane	62	2.907	2.901	0.006	54	1884517	500.0	407.2	
62 Isooctane	57	2.981	2.975	0.005	93	3275061	500.0	489.6	a
63 Isopropyl acetate	61	3.011	2.993	0.018	93	619575	500.0	492.8	
64 Tert-amyl methyl ether	73	3.017	3.005	0.012	74	4468401	500.0	489.0	
* 65 Fluorobenzene	96	3.127	3.121	0.006	96	544402	50.0	50.0	
66 n-Heptane	43	3.157	3.151	0.006	92	1553353	500.0	478.7	
67 Trichloroethene	95	3.456	3.450	0.006	91	1747327	500.0	475.4	
68 n-Butanol	56	3.499	3.474	0.025	87	1208756	12500	12466	
69 Ethyl acrylate	55	3.621	3.609	0.012	96	3863724	500.0	505.6	
70 Methylcyclohexane	83	3.627	3.621	0.006	73	2065807	500.0	486.9	
71 1,2-Dichloropropane	63	3.663	3.651	0.012	89	1717896	500.0	460.0	
72 Dibromomethane	93	3.767	3.761	0.006	34	824585	500.0	403.9	
* 73 1,4-Dioxane-d8	96	3.773	3.767	0.006	66	32240	1000.0	1000.0	
74 1,4-Dioxane	88	3.834	3.810	0.024	30	392888	10000	10184	
75 Methyl methacrylate	100	3.840	3.828	0.012	89	852051	1000.0	1083.8	
76 n-Propyl acetate	43	3.919	3.907	0.012	98	2415550	500.0	551.7	
77 Dichlorobromomethane	83	3.950	3.938	0.012	96	2190234	500.0	492.1	
78 2-Nitropropane	41	4.200	4.182	0.018	97	910222	1000.0	1113.2	
79 2-Chloroethyl vinyl ether	106	4.322	4.304	0.018	95	267013	501.2	535.1	
80 Epichlorohydrin	57	4.358	4.334	0.024	98	3743906	10000	11199	
81 cis-1,3-Dichloropropene	75	4.438	4.425	0.013	88	2806509	500.0	444.8	
82 4-Methyl-2-pentanone (MIBK)	43	4.657	4.633	0.024	96	7369319	2500.0	2723.6	

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	4.724	4.712	0.012	99	550745	50.0	46.2	
84 Toluene	91	4.797	4.785	0.012	94	6316131	500.0	399.8	
85 trans-1,3-Dichloropropene	75	5.096	5.090	0.006	95	2645556	500.0	478.4	
86 Ethyl methacrylate	69	5.291	5.279	0.012	87	2174965	500.0	494.4	
87 1,1,2-Trichloroethane	83	5.303	5.291	0.012	73	1217681	500.0	442.0	
88 Tetrachloroethene	166	5.443	5.431	0.012	86	1438091	500.0	461.8	
89 1,3-Dichloropropane	76	5.498	5.486	0.012	94	2527124	500.0	440.4	
90 2-Hexanone	43	5.693	5.675	0.018	95	5322585	2500.0	2827.4	
91 Chlorodibromomethane	129	5.779	5.761	0.018	96	1572140	500.0	502.7	
92 Ethylene Dibromide	107	5.876	5.864	0.012	98	1526636	500.0	476.0	
93 n-Butyl acetate	43	5.919	5.907	0.012	99	2540146	500.0	478.5	
* 94 Chlorobenzene-d5	117	6.529	6.523	0.006	88	420499	50.0	50.0	
95 Chlorobenzene	112	6.571	6.559	0.012	90	4064964	500.0	451.2	
96 1,1,1,2-Tetrachloroethane	131	6.724	6.706	0.018	92	1463930	500.0	489.3	
97 Ethylbenzene	106	6.785	6.767	0.019	99	2127121	500.0	445.3	
98 m-Xylene & p-Xylene	106	6.961	6.949	0.012	93	2595551	500.0	450.8	
99 o-Xylene	106	7.522	7.510	0.012	92	2511245	500.0	469.9	
100 Styrene	104	7.559	7.541	0.018	90	4195032	500.0	460.2	
101 n-Butyl acrylate	73	7.650	7.644	0.006	97	1239290	500.0	512.3	
102 Bromoform	173	7.760	7.748	0.012	92	1093581	500.0	571.0	
103 Amyl acetate (mixed isomers)	43	8.041	8.028	0.013	90	2945297	500.0	476.4	
104 Isopropylbenzene	105	8.120	8.108	0.012	97	6102867	500.0	451.4	
$ 105 4-Bromofluorobenzene	174	8.303	8.291	0.012	81	157673	50.0	53.1	
106 Bromobenzene	156	8.467	8.455	0.012	92	1541087	500.0	471.0	
107 1,1,2,2-Tetrachloroethane	83	8.638	8.620	0.018	92	2103235	500.0	464.5	
108 1,2,3-Trichloropropane	110	8.632	8.620	0.012	87	560366	500.0	468.6	
109 trans-1,4-Dichloro-2-butene	53	8.736	8.717	0.019	91	707683	500.0	505.8	
110 N-Propylbenzene	91	8.778	8.754	0.024	97	7769879	500.0	436.5	
111 2-Chlorotoluene	91	8.827	8.809	0.018	96	4471786	500.0	417.2	
112 4-Ethyltoluene	105	8.973	8.949	0.024	97	5699205	500.0	437.6	
113 4-Chlorotoluene	91	9.016	8.992	0.024	99	5289885	500.0	428.3	
114 1,3,5-Trimethylbenzene	105	9.083	9.071	0.012	91	4587285	500.0	438.7	
115 Butyl Methacrylate	87	9.400	9.388	0.012	91	2153545	500.0	542.1	
116 tert-Butylbenzene	119	9.583	9.565	0.018	87	3797197	500.0	452.7	
117 1,2,4-Trimethylbenzene	105	9.662	9.650	0.012	99	4757241	500.0	445.2	
118 sec-Butylbenzene	105	9.943	9.931	0.012	98	5575210	500.0	444.6	
119 1,3-Dichlorobenzene	146	10.022	10.004	0.018	91	2491645	500.0	450.7	
* 120 1,4-Dichlorobenzene-d4	152	10.138	10.126	0.012	97	196386	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.174	10.162	0.012	90	2580724	500.0	451.8	
122 4-Isopropyltoluene	119	10.229	10.211	0.018	93	4452843	500.0	450.6	
123 1,2,3-Trimethylbenzene	105	10.327	10.309	0.018	99	4744608	500.0	438.8	
124 Benzyl chloride	91	10.443	10.430	0.013	98	3800336	500.0	511.4	
125 2,3-Dihydroindene	117	10.595	10.583	0.012	90	4489141	500.0	445.0	
126 1,2-Dichlorobenzene	146	10.760	10.747	0.013	92	2388761	500.0	449.5	
127 p-Diethylbenzene	119	10.875	10.863	0.012	87	2269703	500.0	456.4	a
128 n-Butylbenzene	92	10.906	10.894	0.012	97	2351839	500.0	430.8	
129 1,2-Dibromo-3-Chloropropane	157	11.912	11.906	0.006	95	415984	500.0	567.3	
130 1,2,4,5-Tetramethylbenzene	119	11.967	11.961	0.006	95	3864477	500.0	470.2	
131 1,3,5-Trichlorobenzene	180	12.168	12.156	0.012	91	1345302	500.0	462.3	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	91	1211073	500.0	464.6	
134 Naphthalene	128	13.003	13.003	0.000	98	3516891	500.0	428.6	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	52	476391	500.0	433.2	

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	13.229	13.223	0.006	91	952160	500.0	439.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	869.0	
S 137 Xylenes, Total	100				0		1000.0	920.7	
S 140 Total BTEX	1				0		2500.0	2148.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	923.2	
S 138 Total 1,2-dichloroethene	1				0			869.0	

QC Flag Legend

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

Reagents:

ACROLEIN W_00129	Amount Added:	40.00	Units: uL	
GAS Hi_00394	Amount Added:	50.00	Units: uL	
Ethanol mix_00055	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00114	Amount Added:	50.00	Units: uL	
MIX I Hi_00141	Amount Added:	50.00	Units: uL	
8FreonHi_00035	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:33:19 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Injection Date: 11-Aug-2021 06:40:02 Instrument ID: CVOAMS15

Lims ID: STD500

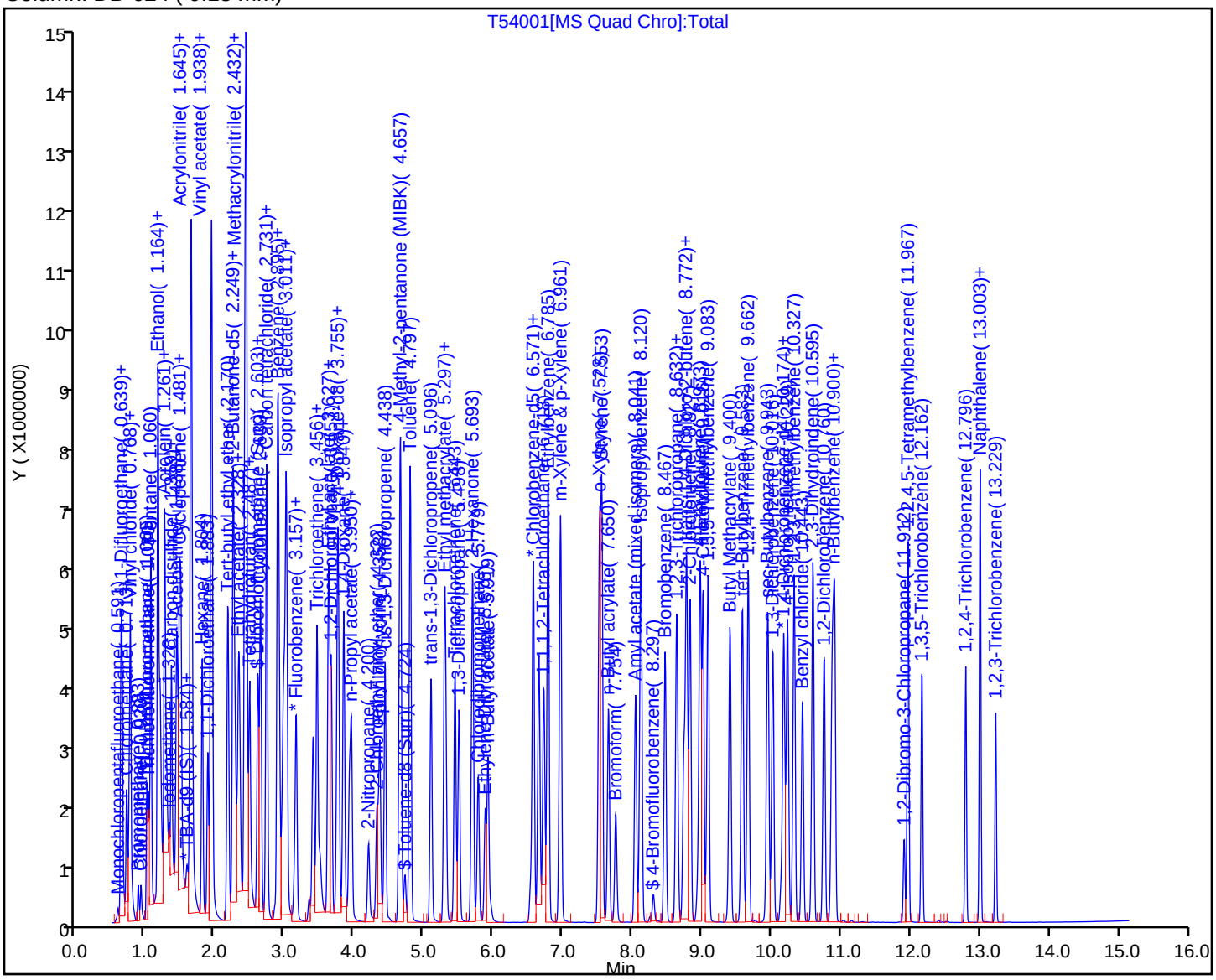
Client ID:

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 TestAmerica, Edison

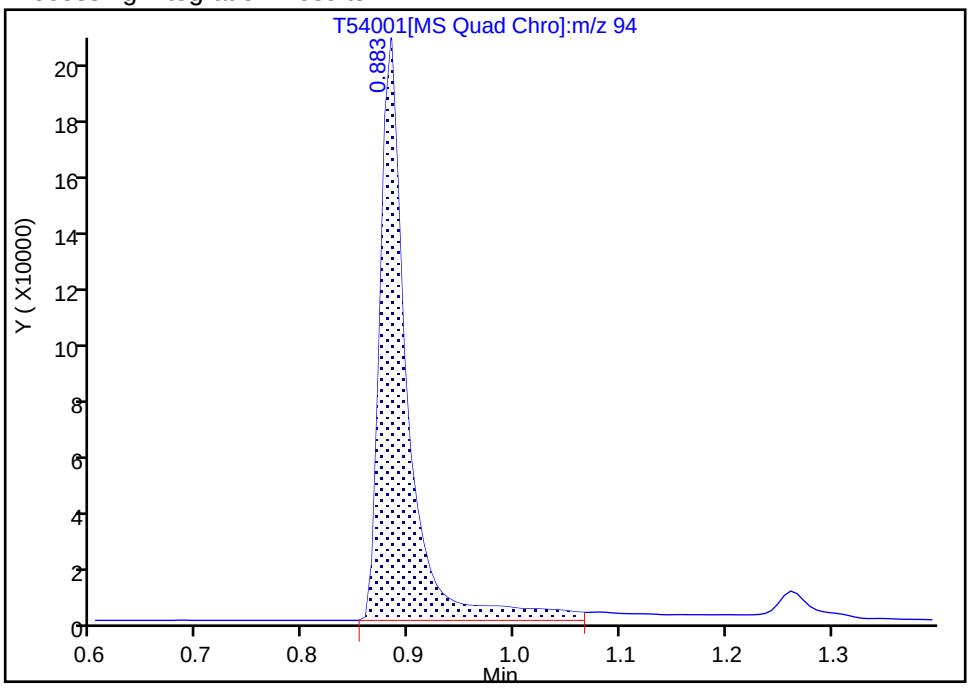
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D
Injection Date: 11-Aug-2021 06:40:02 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

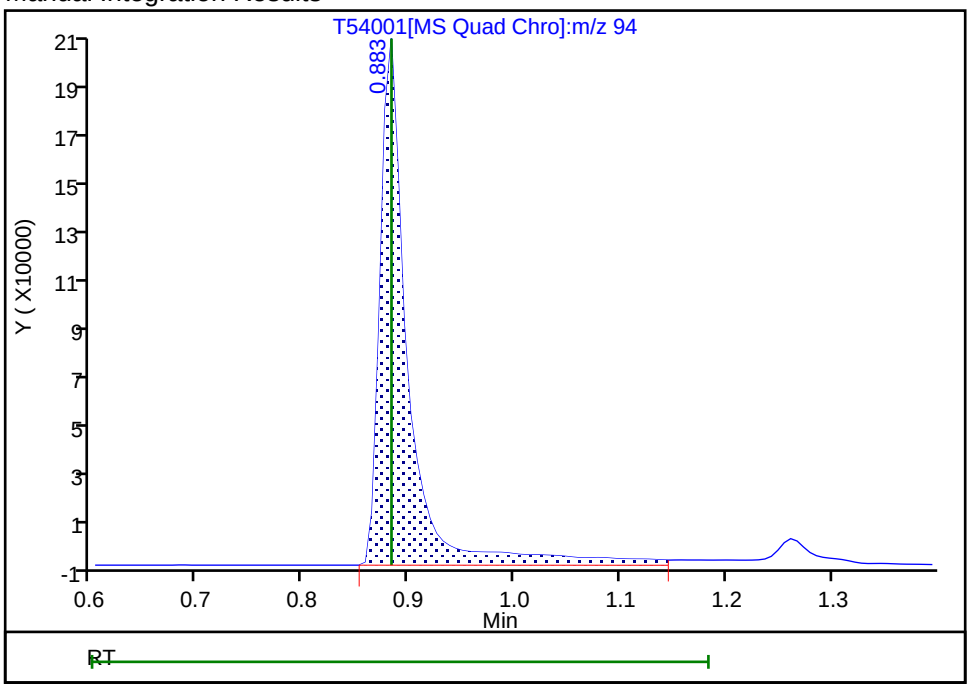
Processing Integration Results

RT: 0.88
Area: 370337
Amount: 492.9602
Amount Units: ug/l



Manual Integration Results

RT: 0.88
Area: 382401
Amount: 494.8853
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 19:53:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

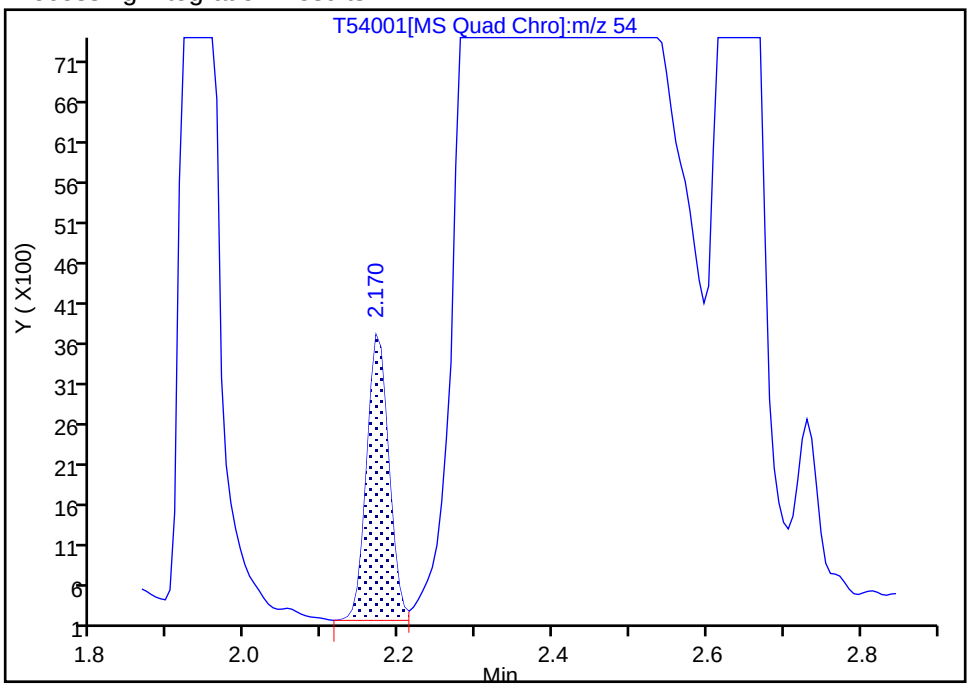
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D
Injection Date: 11-Aug-2021 06:40:02 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

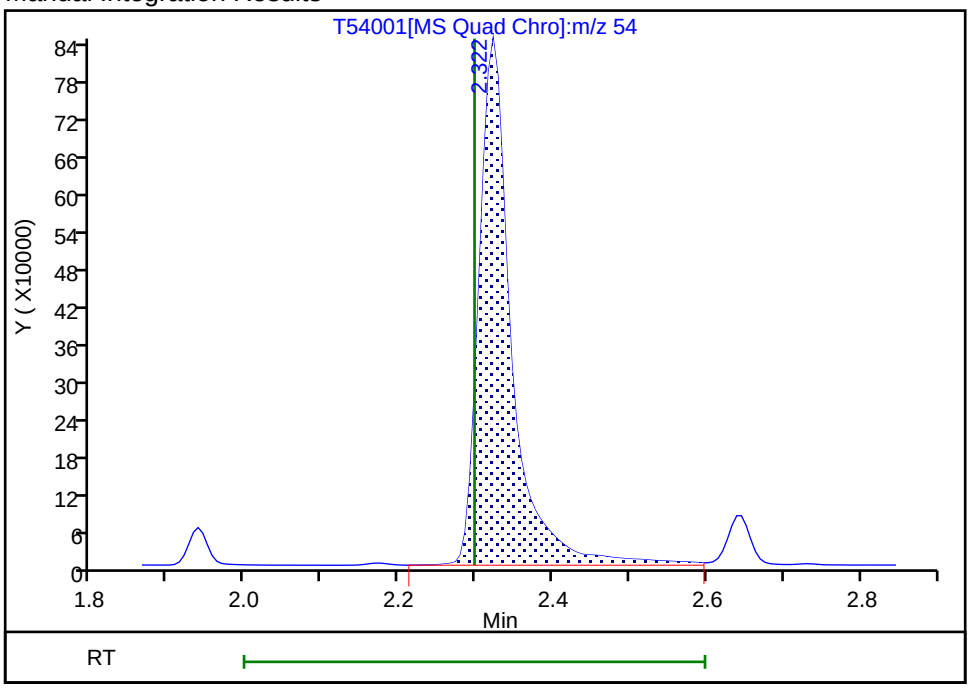
Processing Integration Results

RT: 2.17
Area: 7017
Amount: 12.598577
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 2511961
Amount: 3470.3113
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:17:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

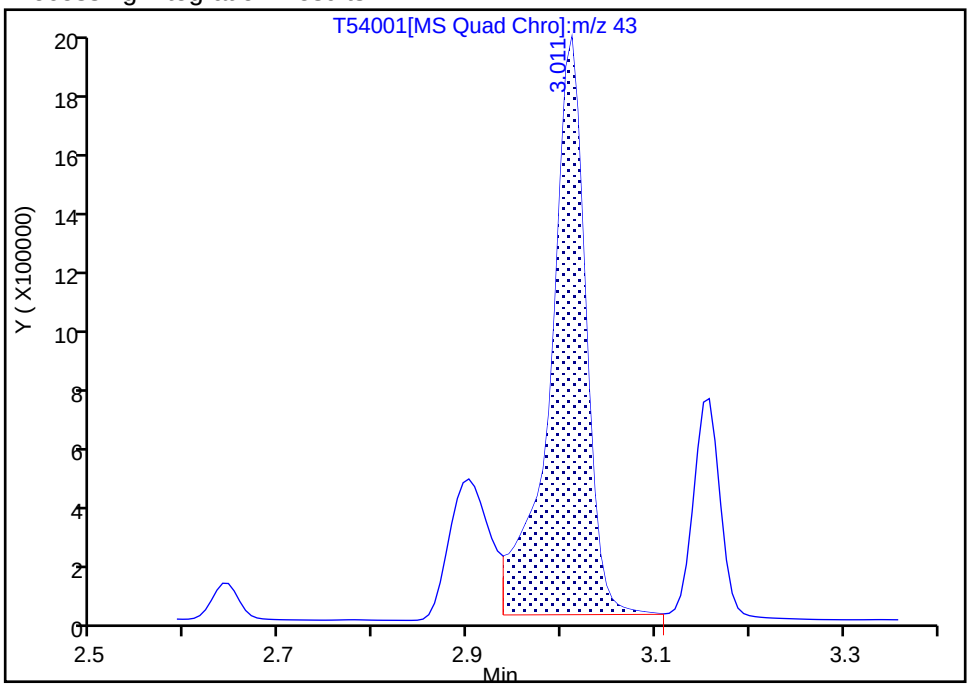
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D
Injection Date: 11-Aug-2021 06:40:02 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

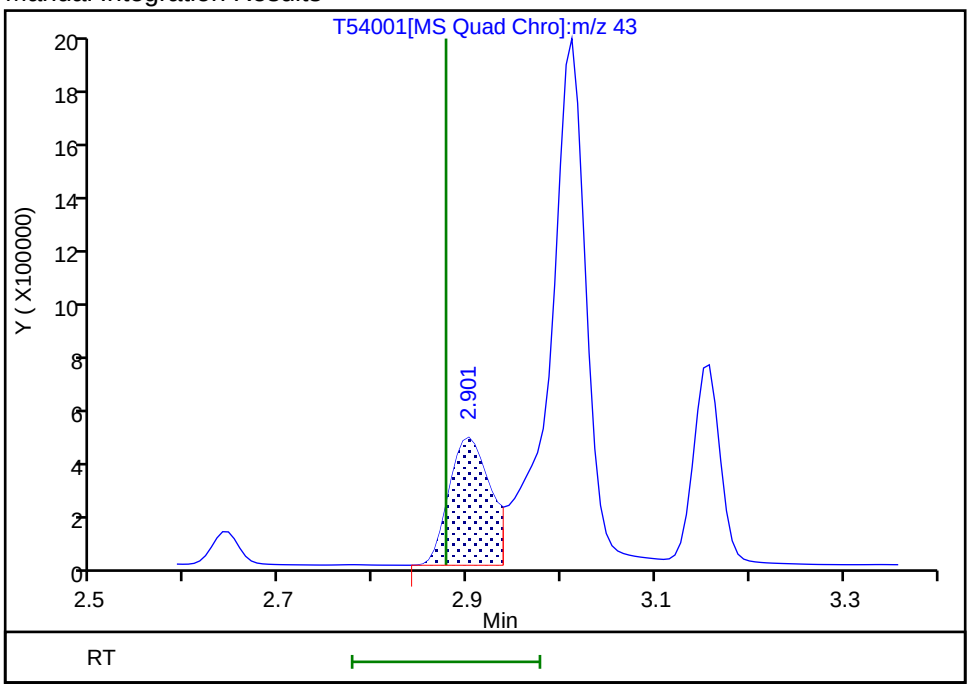
Processing Integration Results

RT: 3.01
Area: 5223465
Amount: 12510
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 1495729
Amount: 9777.3031
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:29:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

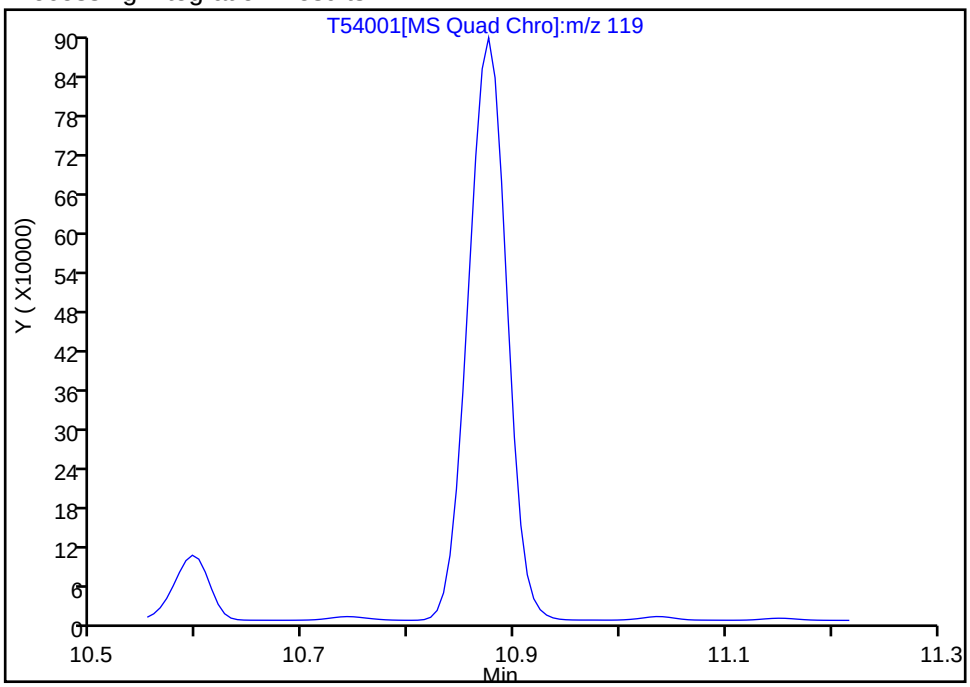
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D
Injection Date: 11-Aug-2021 06:40:02 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

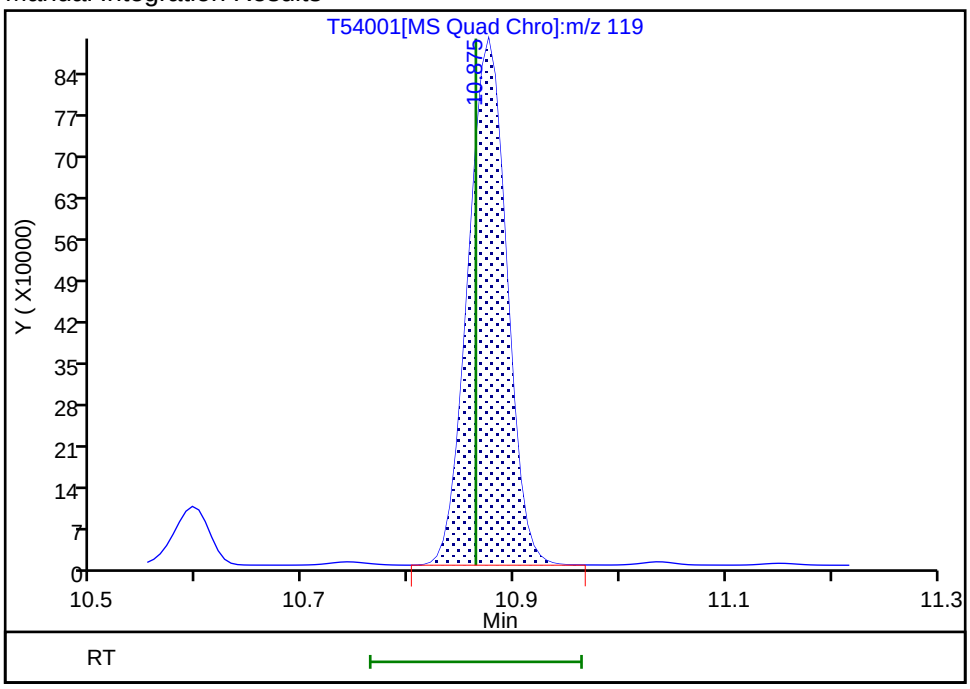
Not Detected
Expected RT: 10.86

Processing Integration Results



Manual Integration Results

RT: 10.88
Area: 2269703
Amount: 456.3936
Amount Units: ug/l



Reviewer: desais, 11-Aug-2021 07:18:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

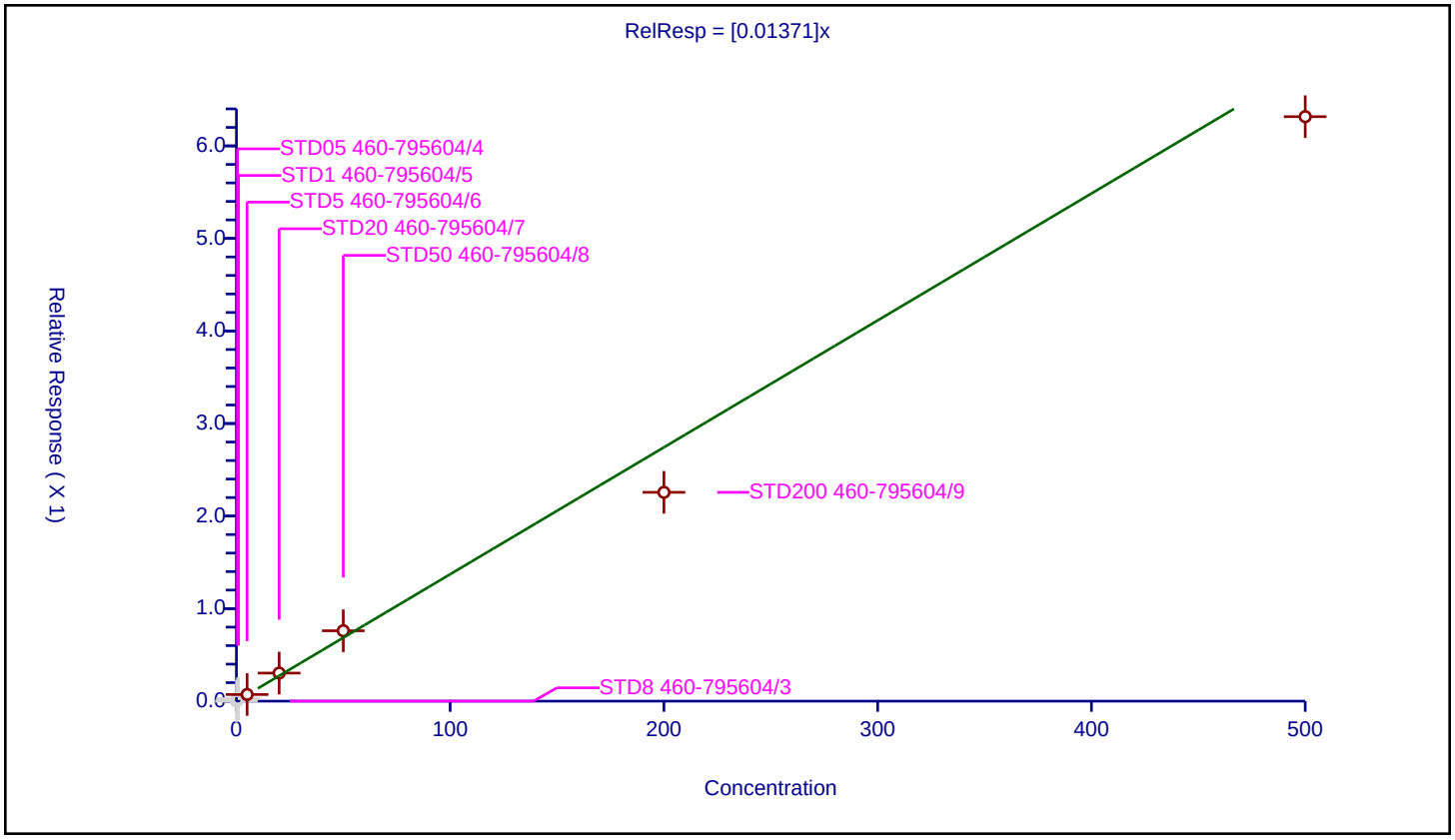
Curve Coefficients

Intercept:	0
Slope:	0.01371

Error Coefficients

Standard Error:	37100
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.024969	50.0	634798.0	0.049937	N
3	STD1 460-795604/5	1.0	0.025385	50.0	632256.0	0.025385	N
4	STD5 460-795604/6	5.0	0.071428	50.0	632108.0	0.014286	Y
5	STD20 460-795604/7	20.0	0.303123	50.0	623014.0	0.015156	Y
6	STD50 460-795604/8	50.0	0.760689	50.0	605898.0	0.015214	Y
7	STD200 460-795604/9	200.0	2.256709	50.0	582840.0	0.011284	Y
8	STD500 460-795604/10	500.0	6.316013	50.0	544402.0	0.012632	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

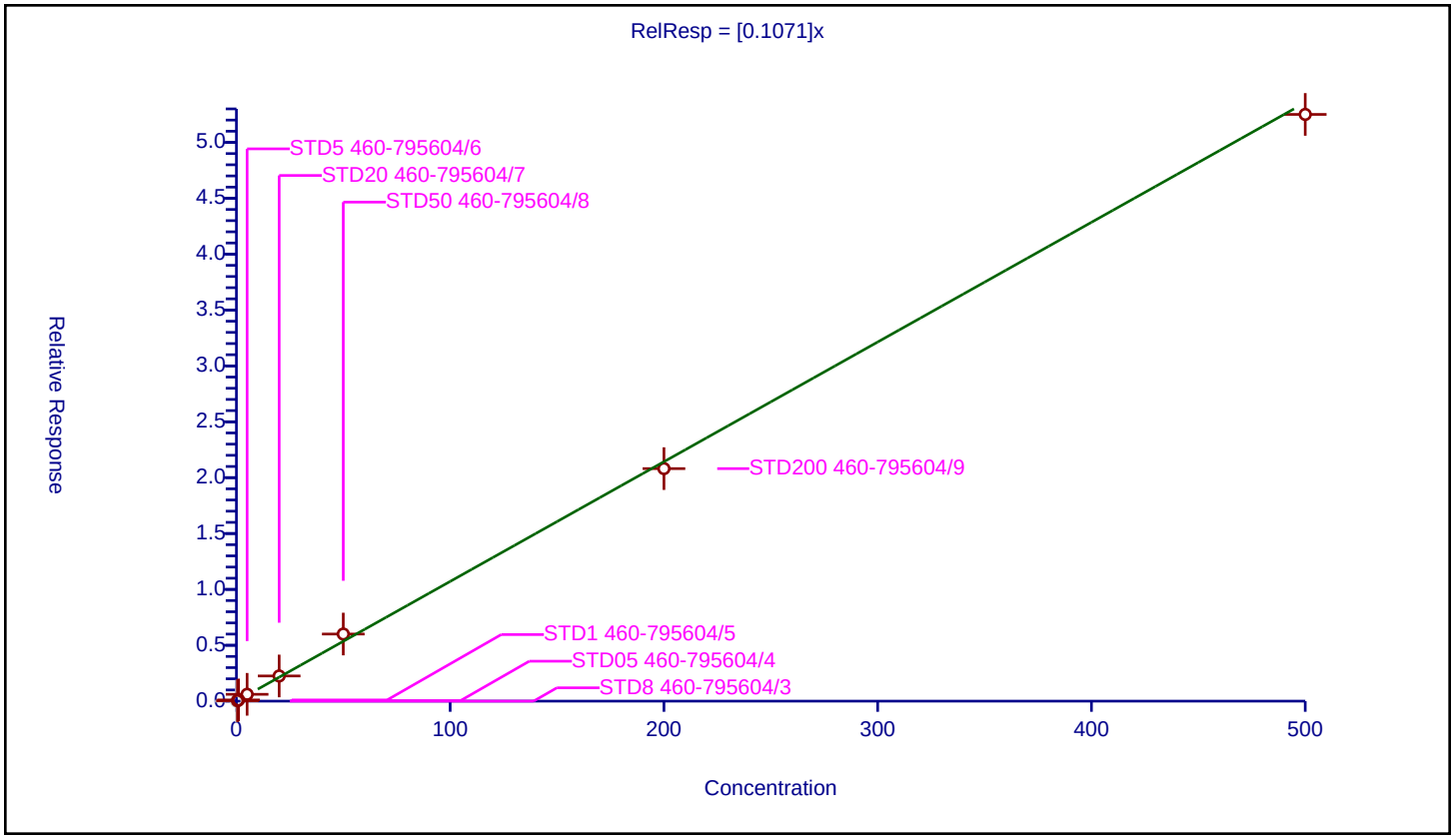
Curve Coefficients

Intercept:	0
Slope:	0.1071

Error Coefficients

Standard Error:	256000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.040328	50.0	634798.0	0.080656	Y
3	STD1 460-795604/5	1.0	0.105179	50.0	632256.0	0.105179	Y
4	STD5 460-795604/6	5.0	0.61113	50.0	632108.0	0.122226	Y
5	STD20 460-795604/7	20.0	2.253641	50.0	623014.0	0.112682	Y
6	STD50 460-795604/8	50.0	6.004641	50.0	605898.0	0.120093	Y
7	STD200 460-795604/9	200.0	20.808112	50.0	582840.0	0.104041	Y
8	STD500 460-795604/10	500.0	52.503389	50.0	544402.0	0.105007	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

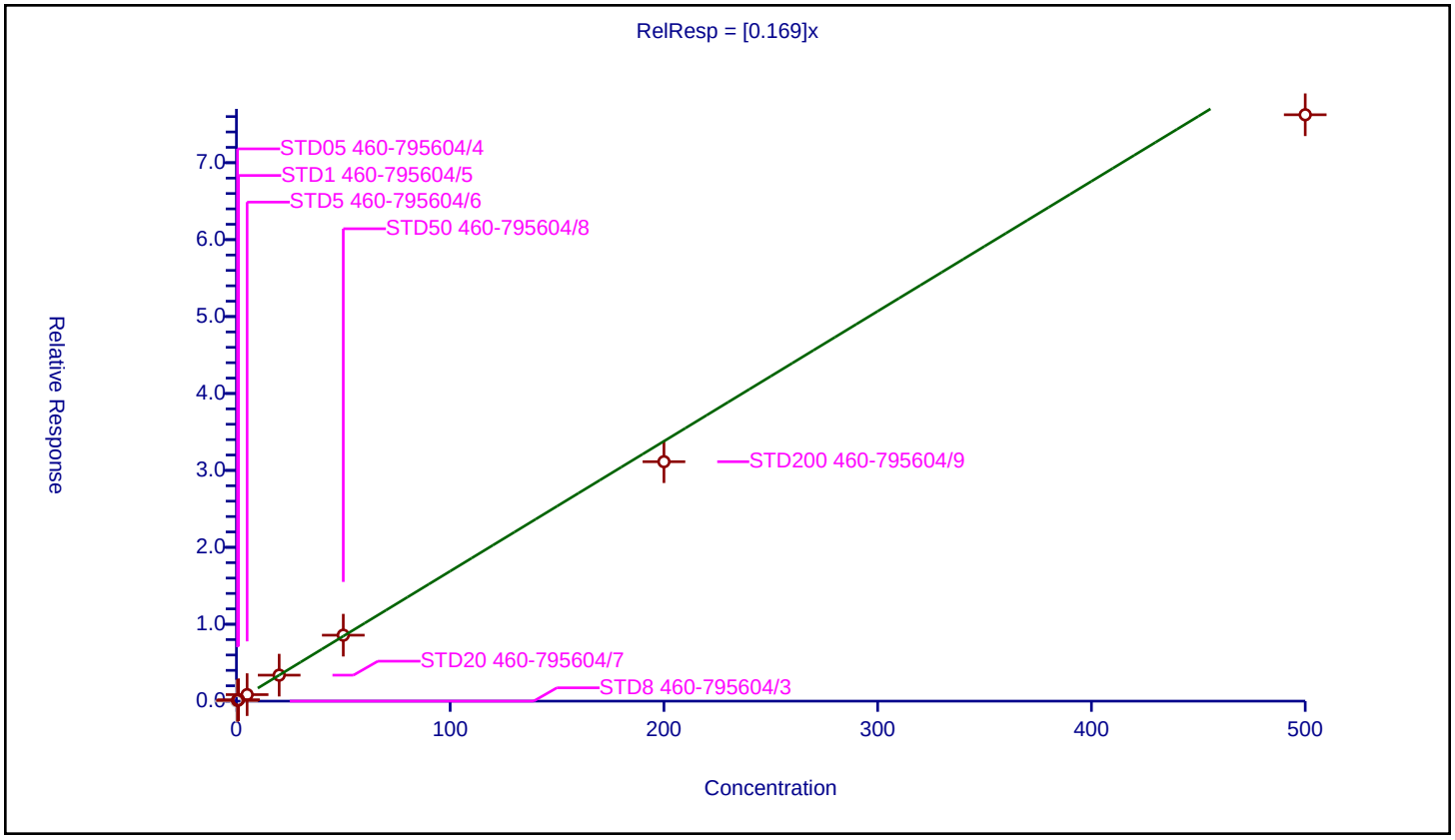
Curve Coefficients

Intercept:	0
Slope:	0.169

Error Coefficients

Standard Error:	373000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.093337	50.0	634798.0	0.186674	Y
3	STD1 460-795604/5	1.0	0.17833	50.0	632256.0	0.17833	Y
4	STD5 460-795604/6	5.0	0.846295	50.0	632108.0	0.169259	Y
5	STD20 460-795604/7	20.0	3.378415	50.0	623014.0	0.168921	Y
6	STD50 460-795604/8	50.0	8.574628	50.0	605898.0	0.171493	Y
7	STD200 460-795604/9	200.0	31.132987	50.0	582840.0	0.155665	Y
8	STD500 460-795604/10	500.0	76.23778	50.0	544402.0	0.152476	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

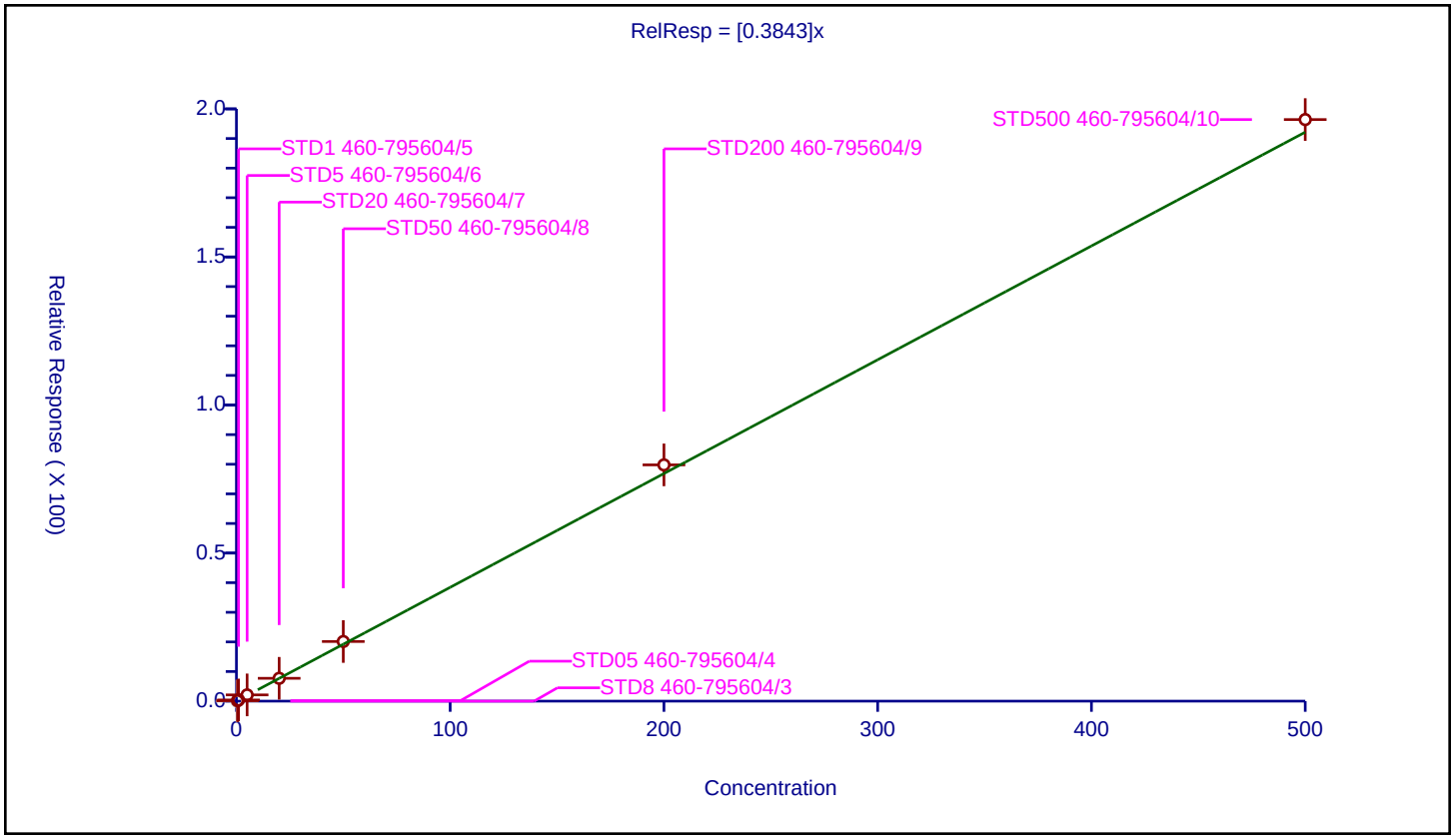
Curve Coefficients

Intercept:	0
Slope:	0.3843

Error Coefficients

Standard Error:	958000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	50.0	634852.0	0.0	N
2	STD05 460-795604/4	0.5	0.147842	50.0	634798.0	0.295685	Y
3	STD1 460-795604/5	1.0	0.392563	50.0	632256.0	0.392563	Y
4	STD5 460-795604/6	5.0	2.107314	50.0	632108.0	0.421463	Y
5	STD20 460-795604/7	20.0	7.714273	50.0	623014.0	0.385714	Y
6	STD50 460-795604/8	50.0	20.142334	50.0	605898.0	0.402847	Y
7	STD200 460-795604/9	200.0	79.786991	50.0	582840.0	0.398935	Y
8	STD500 460-795604/10	500.0	196.392647	50.0	544402.0	0.392785	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

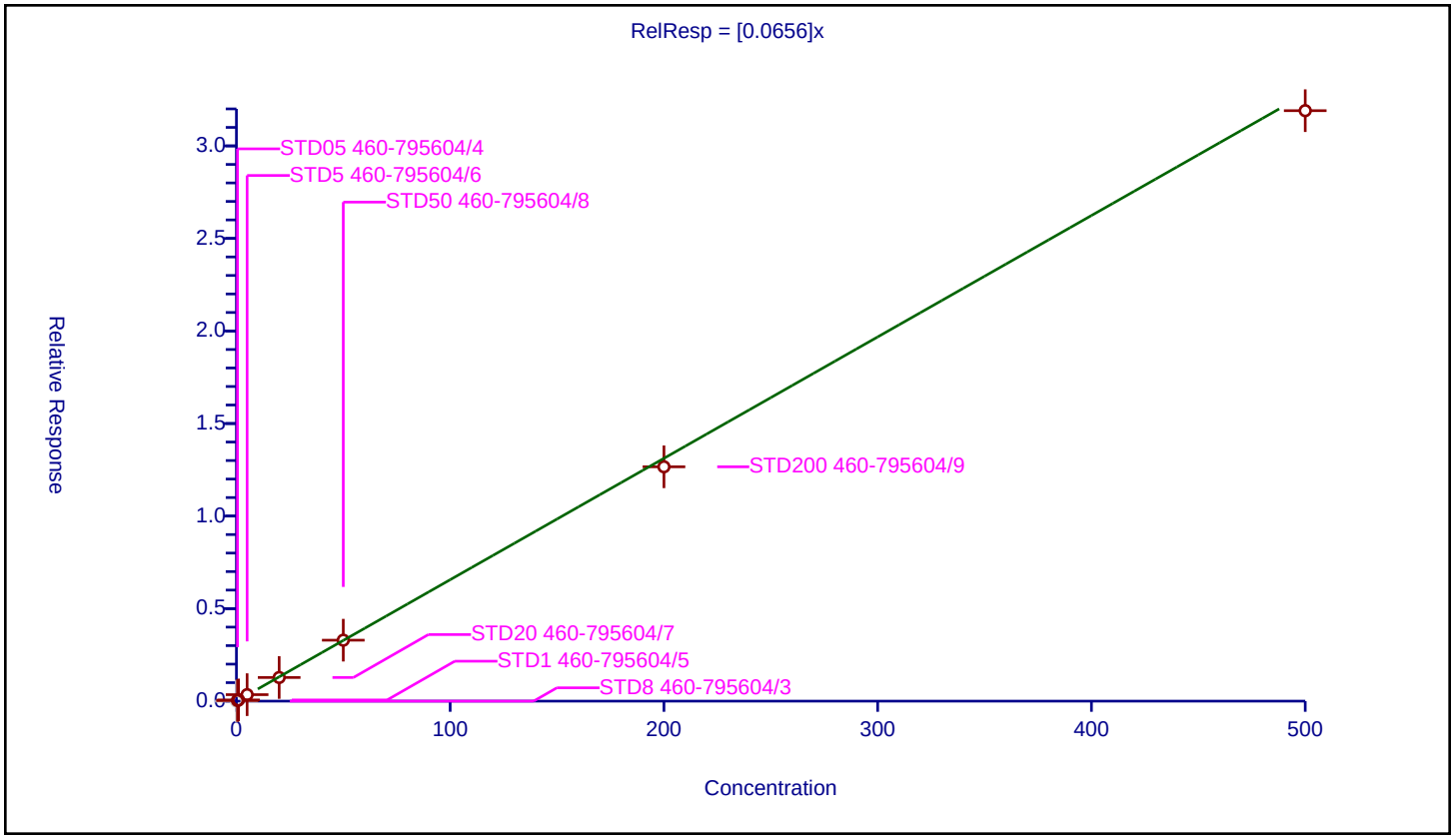
Curve Coefficients

Intercept:	0
Slope:	0.0656

Error Coefficients

Standard Error:	155000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.03442	50.0	634798.0	0.068841	Y
3	STD1 460-795604/5	1.0	0.063582	50.0	632256.0	0.063582	Y
4	STD5 460-795604/6	5.0	0.349703	50.0	632108.0	0.069941	Y
5	STD20 460-795604/7	20.0	1.276857	50.0	623014.0	0.063843	Y
6	STD50 460-795604/8	50.0	3.292964	50.0	605898.0	0.065859	Y
7	STD200 460-795604/9	200.0	12.661108	50.0	582840.0	0.063306	Y
8	STD500 460-795604/10	500.0	31.904089	50.0	544402.0	0.063808	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

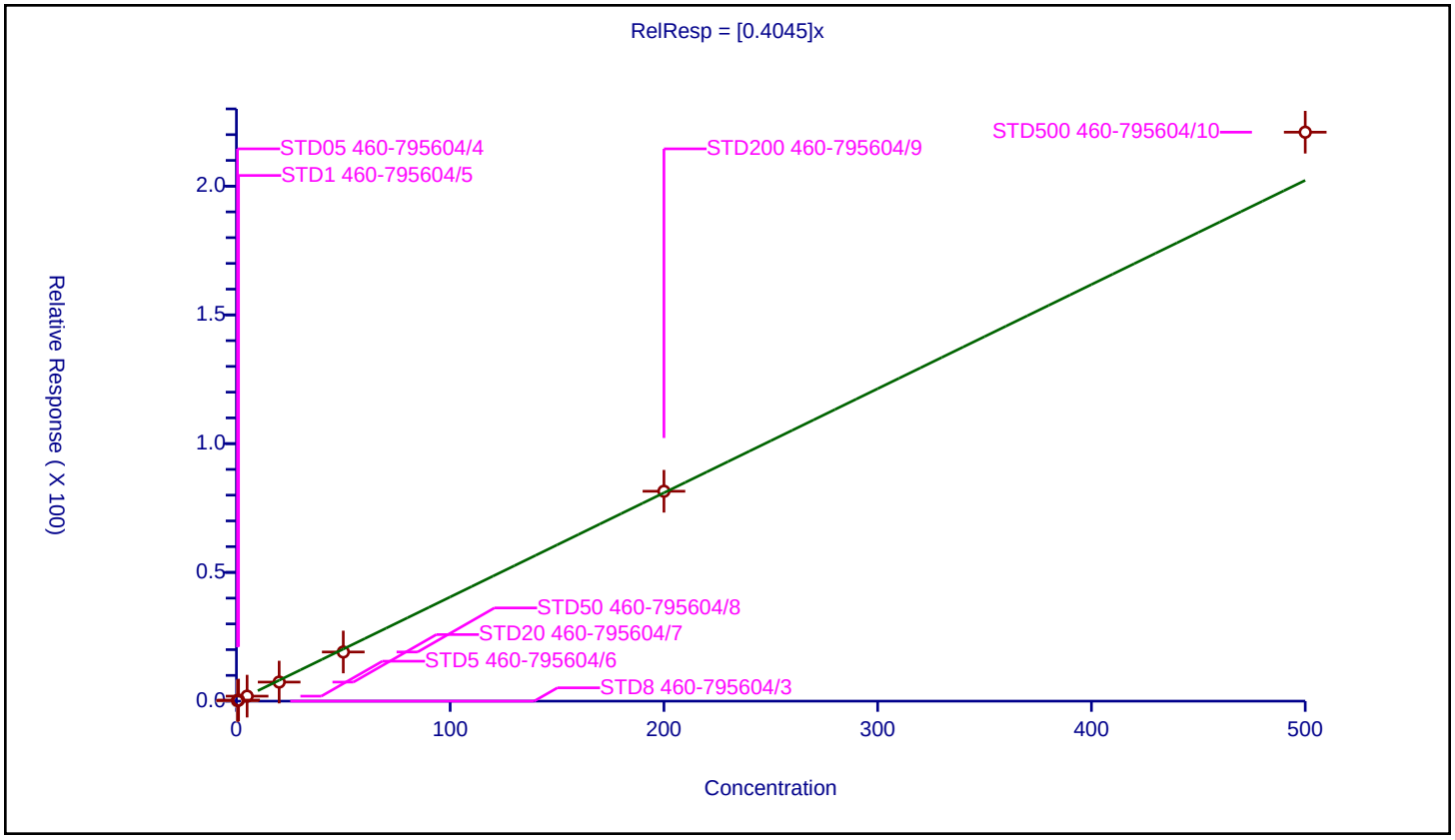
Curve Coefficients

Intercept:	0
Slope:	0.4045

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	50.0	634852.0	0.0	N
2	STD05 460-795604/4	0.5	0.217786	50.0	634798.0	0.435572	Y
3	STD1 460-795604/5	1.0	0.407746	50.0	632256.0	0.407746	Y
4	STD5 460-795604/6	5.0	1.934242	50.0	632108.0	0.386848	Y
5	STD20 460-795604/7	20.0	7.401439	50.0	623014.0	0.370072	Y
6	STD50 460-795604/8	50.0	19.086463	50.0	605898.0	0.381729	Y
7	STD200 460-795604/9	200.0	81.51225	50.0	582840.0	0.407561	Y
8	STD500 460-795604/10	500.0	220.947847	50.0	544402.0	0.441896	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

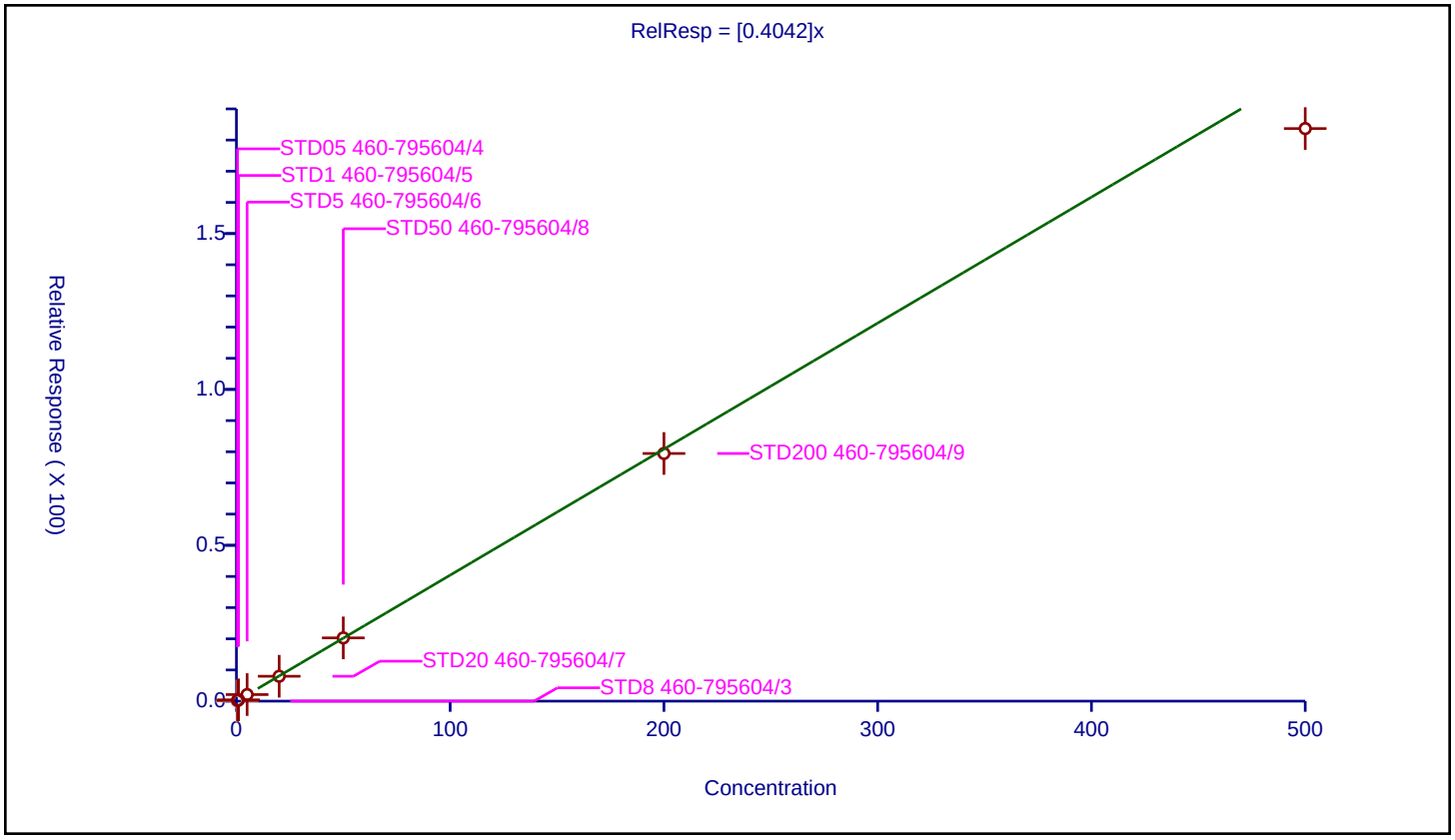
Curve Coefficients

Intercept:	0
Slope:	0.4042

Error Coefficients

Standard Error:	906000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	50.0	634852.0	0.0	N
2	STD05 460-795604/4	0.5	0.212824	50.0	634798.0	0.425647	Y
3	STD1 460-795604/5	1.0	0.412807	50.0	632256.0	0.412807	Y
4	STD5 460-795604/6	5.0	2.108105	50.0	632108.0	0.421621	Y
5	STD20 460-795604/7	20.0	7.982726	50.0	623014.0	0.399136	Y
6	STD50 460-795604/8	50.0	20.293102	50.0	605898.0	0.405862	Y
7	STD200 460-795604/9	200.0	79.448476	50.0	582840.0	0.397242	Y
8	STD500 460-795604/10	500.0	183.688616	50.0	544402.0	0.367377	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

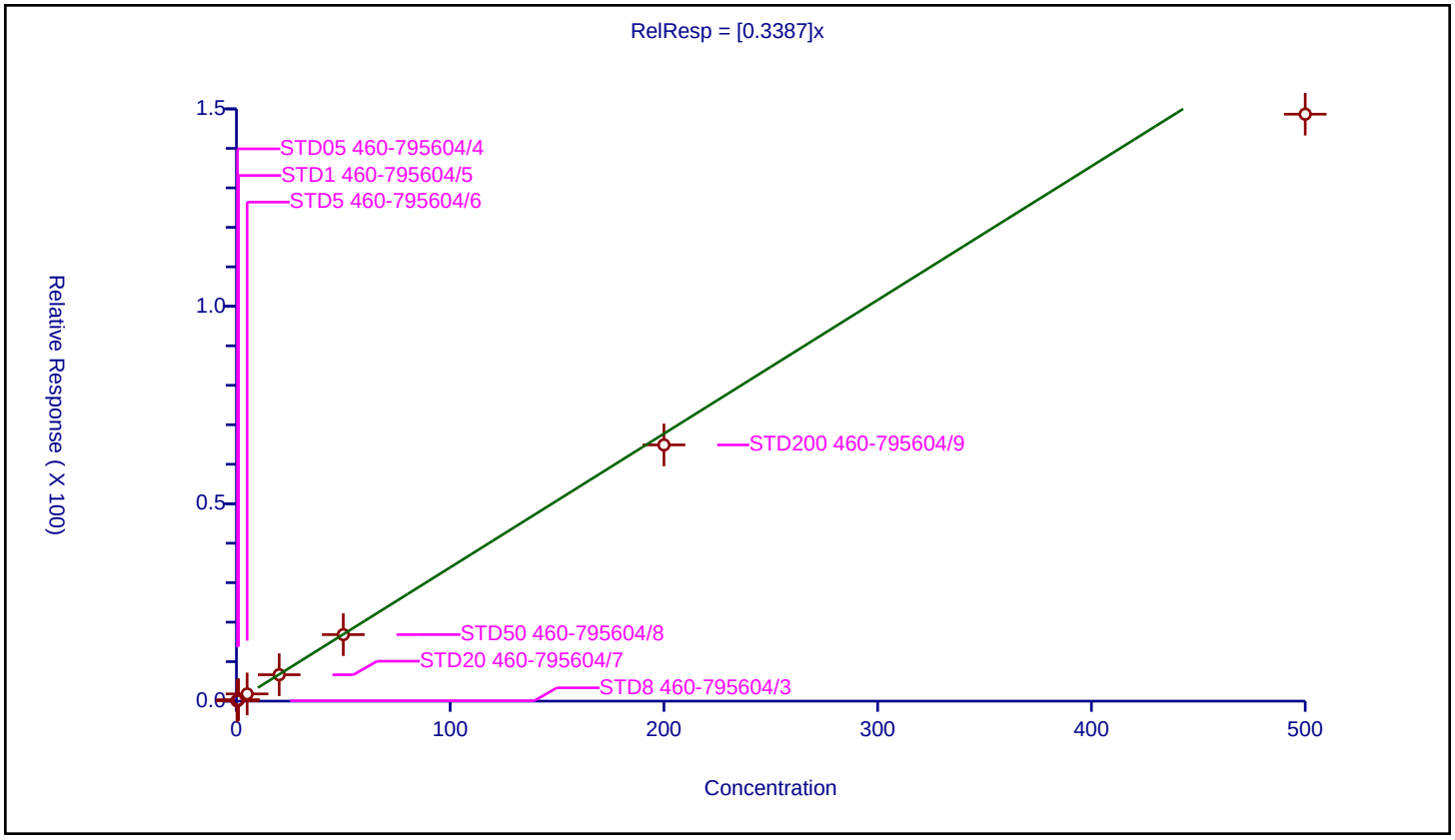
Curve Coefficients

Intercept:	0
Slope:	0.3387

Error Coefficients

Standard Error:	680000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.084272	50.0	634852.0	0.337086	Y
2	STD05 460-795604/4	0.5	0.170999	50.0	634798.0	0.341999	Y
3	STD1 460-795604/5	1.0	0.370499	50.0	632256.0	0.370499	Y
4	STD5 460-795604/6	5.0	1.833706	50.0	632108.0	0.366741	Y
5	STD20 460-795604/7	20.0	6.686447	50.0	623014.0	0.334322	Y
6	STD50 460-795604/8	50.0	16.845822	50.0	605898.0	0.336916	Y
7	STD200 460-795604/9	200.0	64.895083	50.0	582840.0	0.324475	Y
8	STD500 460-795604/10	500.0	148.665876	50.0	544402.0	0.297332	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

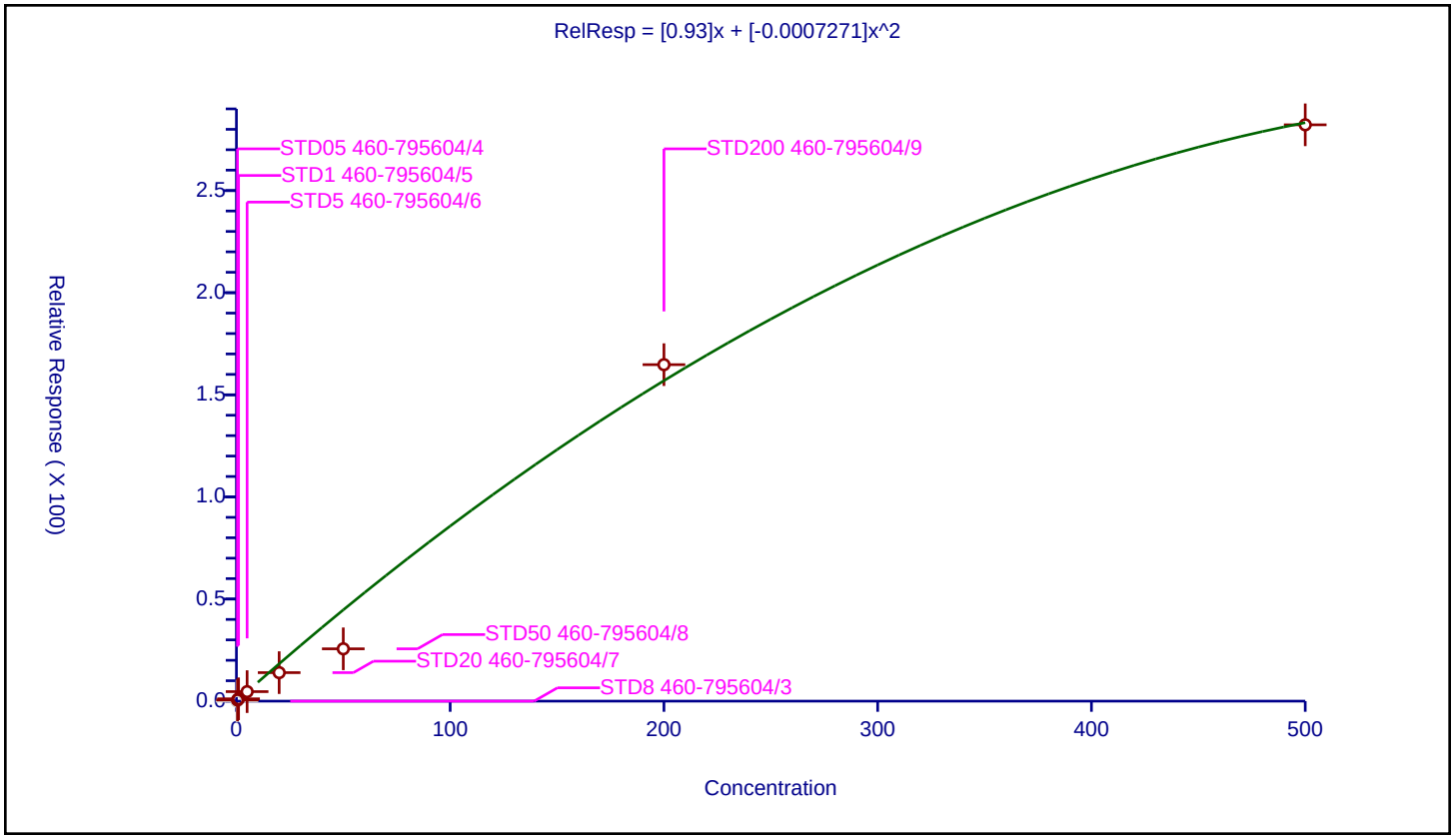
Curve Coefficients

Intercept:	0
Slope:	0.93
Second Order:	-0.0007271

Error Coefficients

Standard Error:	206000
Relative Standard Error:	27.3
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	250.0	432189.0	0.0	N
2	STD05 460-795604/4	0.5	0.586485	250.0	424137.0	1.17297	Y
3	STD1 460-795604/5	1.0	1.141865	250.0	416643.0	1.141865	Y
4	STD5 460-795604/6	5.0	4.657476	250.0	423781.0	0.931495	Y
5	STD20 460-795604/7	20.0	13.958353	250.0	434077.0	0.697918	Y
6	STD50 460-795604/8	50.0	25.6207	250.0	408410.0	0.512414	Y
7	STD200 460-795604/9	200.0	164.767594	250.0	382994.0	0.823838	Y
8	STD500 460-795604/10	500.0	282.194767	250.0	338774.0	0.56439	Y



Calibration / Chloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

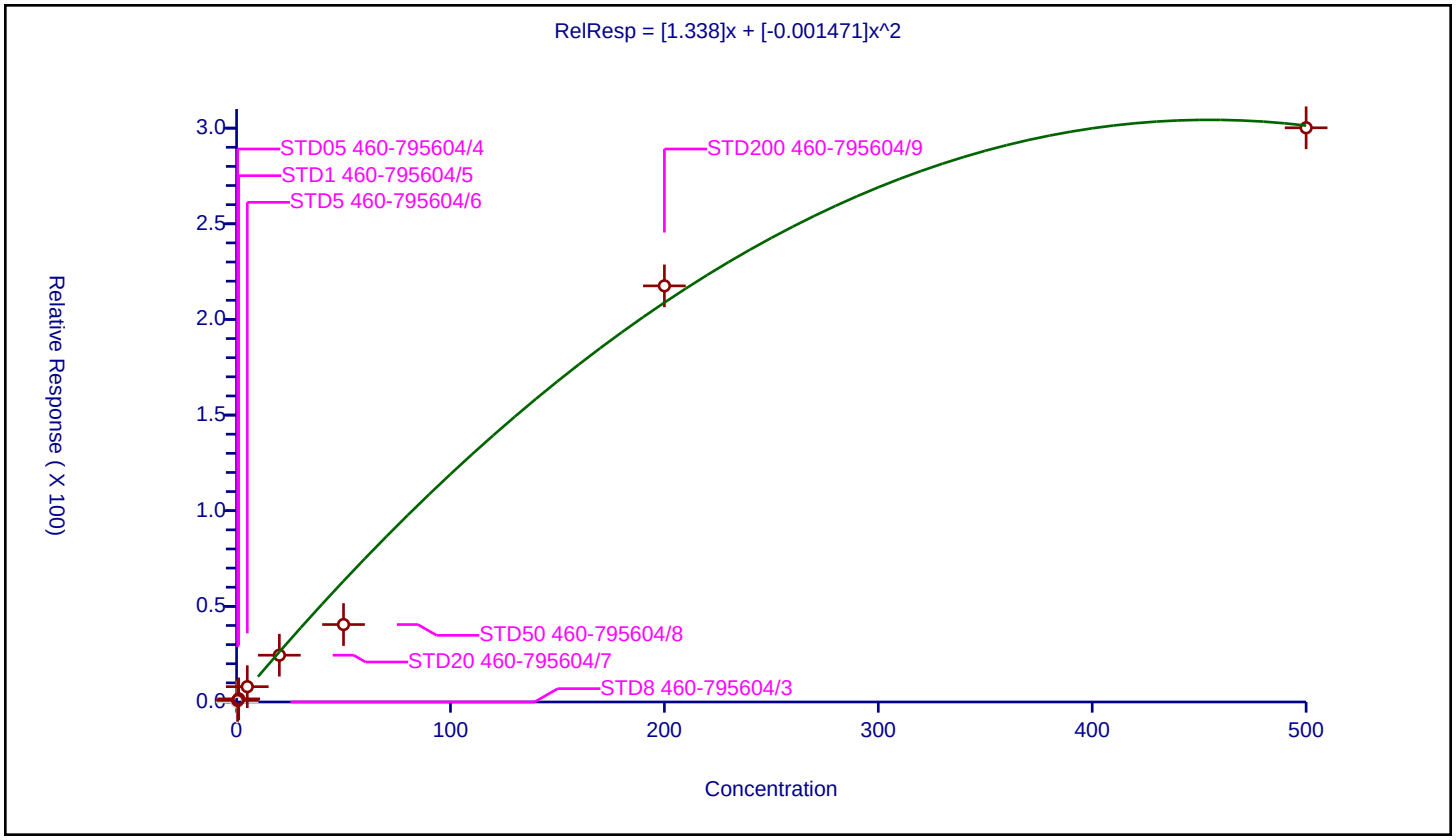
Curve Coefficients

Intercept:	0
Slope:	1.338
Second Order:	-0.001471

Error Coefficients

Standard Error:	238000
Relative Standard Error:	26.5
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	250.0	432189.0	0.0	N
2	STD05 460-795604/4	0.5	0.848193	250.0	424137.0	1.696386	Y
3	STD1 460-795604/5	1.0	1.638693	250.0	416643.0	1.638693	Y
4	STD5 460-795604/6	5.0	8.003544	250.0	423781.0	1.600709	Y
5	STD20 460-795604/7	20.0	24.459946	250.0	434077.0	1.222997	Y
6	STD50 460-795604/8	50.0	40.486888	250.0	408410.0	0.809738	Y
7	STD200 460-795604/9	200.0	217.5491	250.0	382994.0	1.087745	Y
8	STD500 460-795604/10	500.0	300.180209	250.0	338774.0	0.60036	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

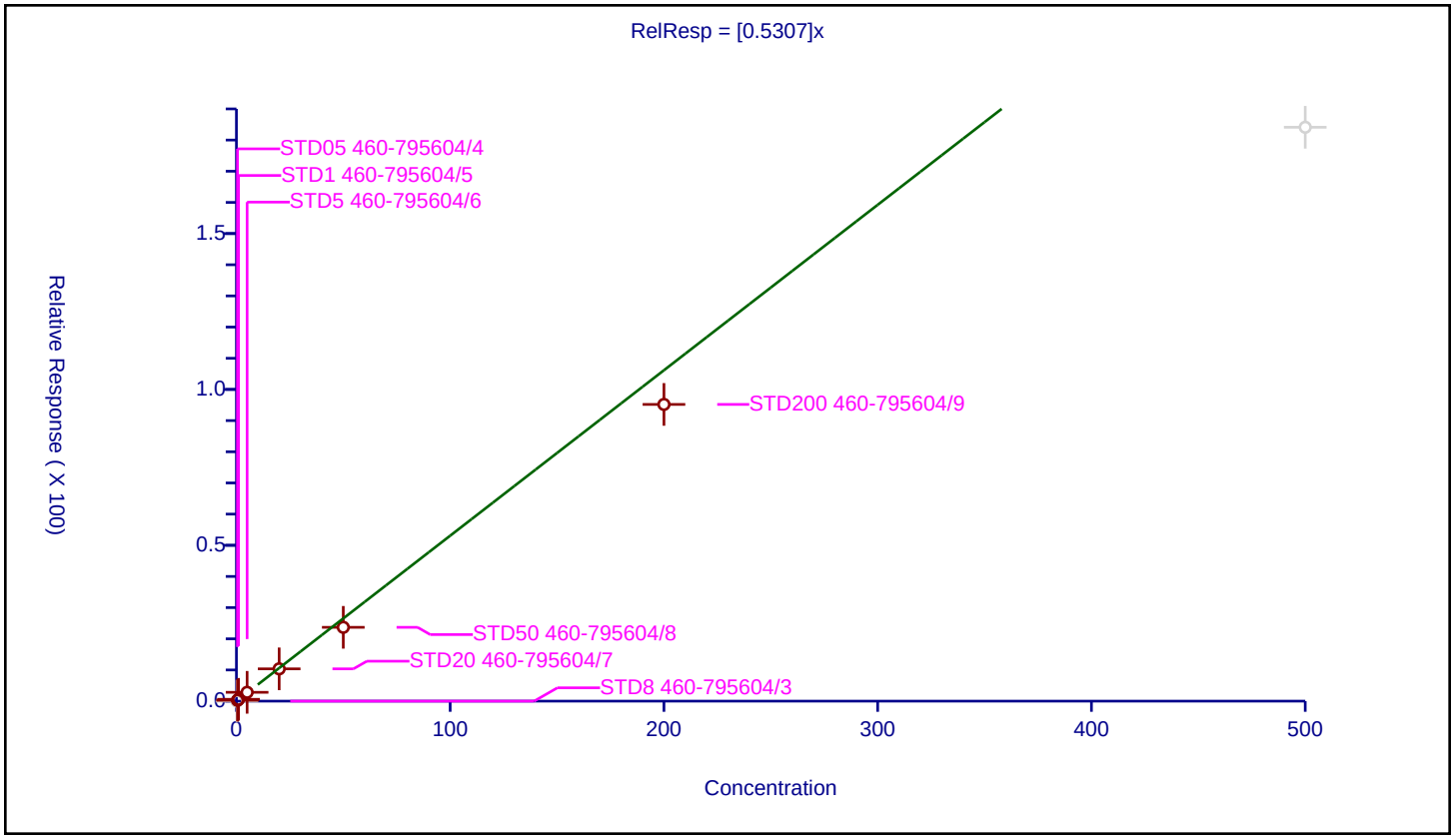
Curve Coefficients

Intercept:	0
Slope:	0.5307

Error Coefficients

Standard Error:	516000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	50.0	634852.0	0.0	N
2	STD05 460-795604/4	0.5	0.283634	50.0	634798.0	0.567267	Y
3	STD1 460-795604/5	1.0	0.58315	50.0	632256.0	0.58315	Y
4	STD5 460-795604/6	5.0	2.832269	50.0	632108.0	0.566454	Y
5	STD20 460-795604/7	20.0	10.360762	50.0	623014.0	0.518038	Y
6	STD50 460-795604/8	50.0	23.682782	50.0	605898.0	0.473656	Y
7	STD200 460-795604/9	200.0	95.186415	50.0	582840.0	0.475932	Y
8	STD500 460-795604/10	500.0	184.104761	50.0	544402.0	0.36821	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

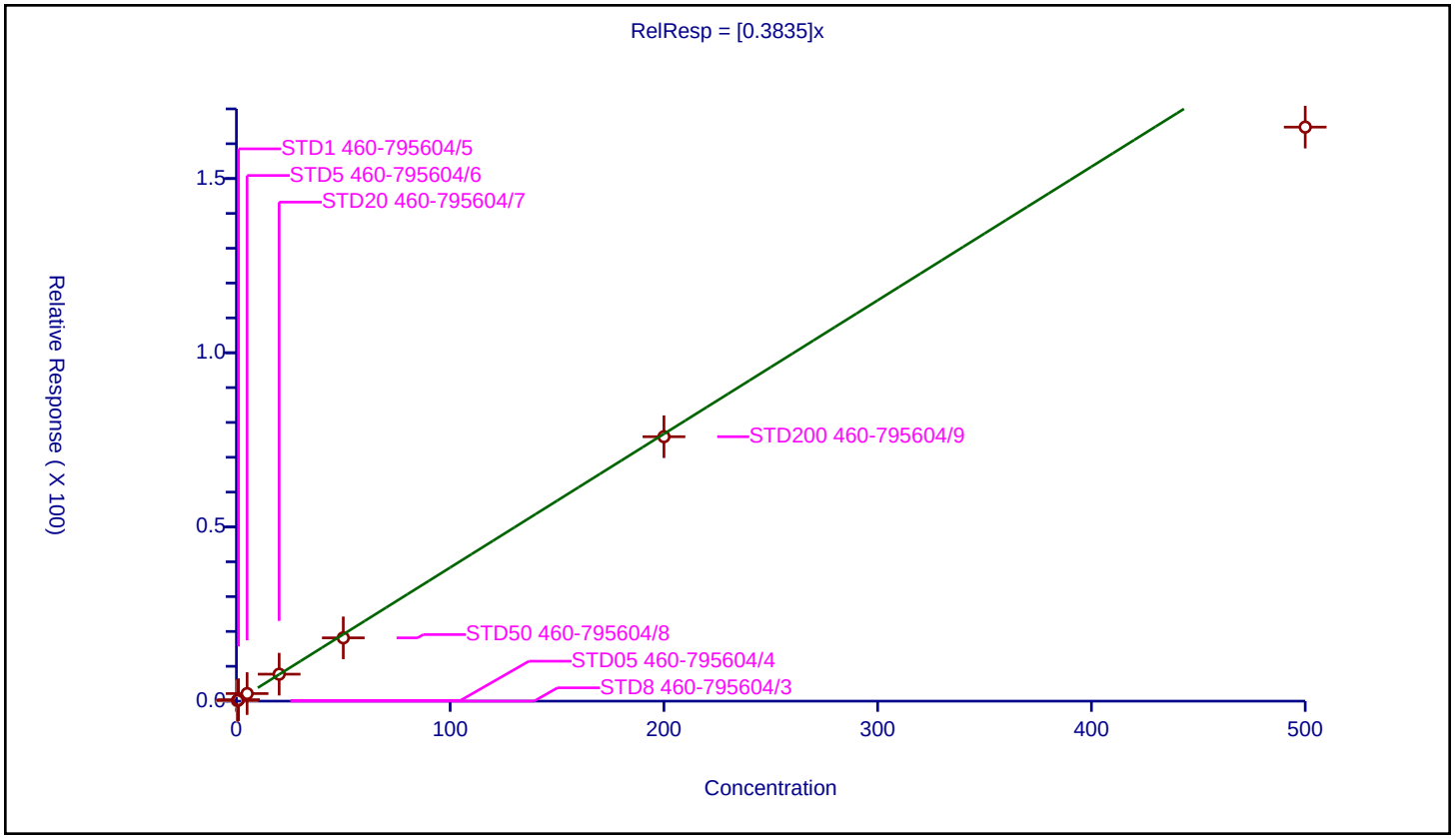
Curve Coefficients

Intercept:	0
Slope:	0.3835

Error Coefficients

Standard Error:	823000
Relative Standard Error:	9.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.25	0.0	50.0	634852.0	0.0	N
2	STD05 460-795604/4	0.5	0.186674	50.0	634798.0	0.373347	Y
3	STD1 460-795604/5	1.0	0.417631	50.0	632256.0	0.417631	Y
4	STD5 460-795604/6	5.0	2.171623	50.0	632108.0	0.434325	Y
5	STD20 460-795604/7	20.0	7.738911	50.0	623014.0	0.386946	Y
6	STD50 460-795604/8	50.0	18.165269	50.0	605898.0	0.363305	Y
7	STD200 460-795604/9	200.0	75.903679	50.0	582840.0	0.379518	Y
8	STD500 460-795604/10	500.0	164.77355	50.0	544402.0	0.329547	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

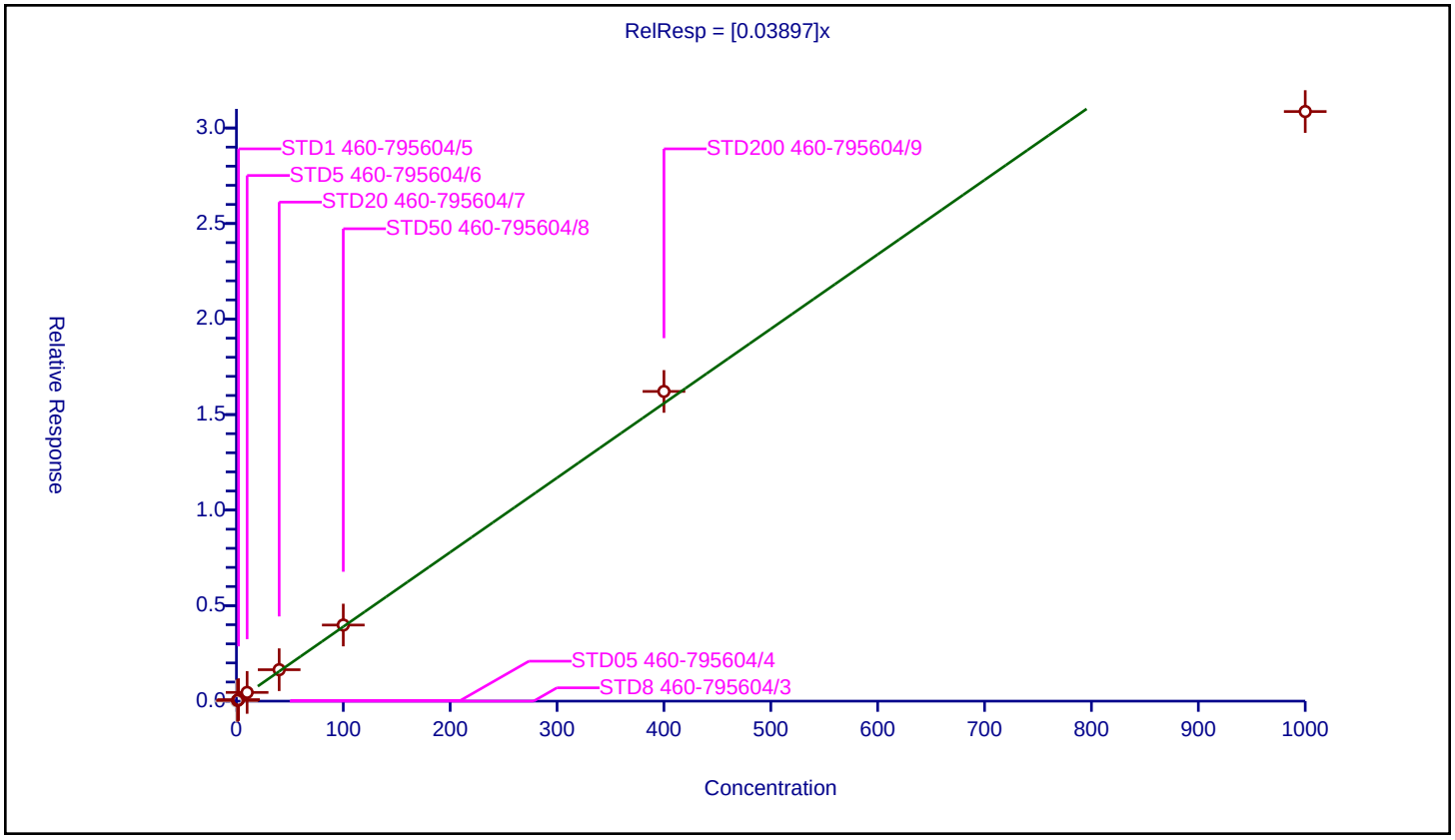
Curve Coefficients

Intercept:	0
Slope:	0.03897

Error Coefficients

Standard Error:	159000
Relative Standard Error:	12.1
Correlation Coefficient:	0.977
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	1.0	0.035129	50.0	634798.0	0.035129	Y
3	STD1 460-795604/5	2.0	0.079161	50.0	632256.0	0.03958	Y
4	STD5 460-795604/6	10.0	0.457042	50.0	632108.0	0.045704	Y
5	STD20 460-795604/7	40.0	1.645549	50.0	623014.0	0.041139	Y
6	STD50 460-795604/8	100.0	3.984334	50.0	605898.0	0.039843	Y
7	STD200 460-795604/9	400.0	16.211396	50.0	582840.0	0.040528	Y
8	STD500 460-795604/10	1000.0	30.862304	50.0	544402.0	0.030862	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

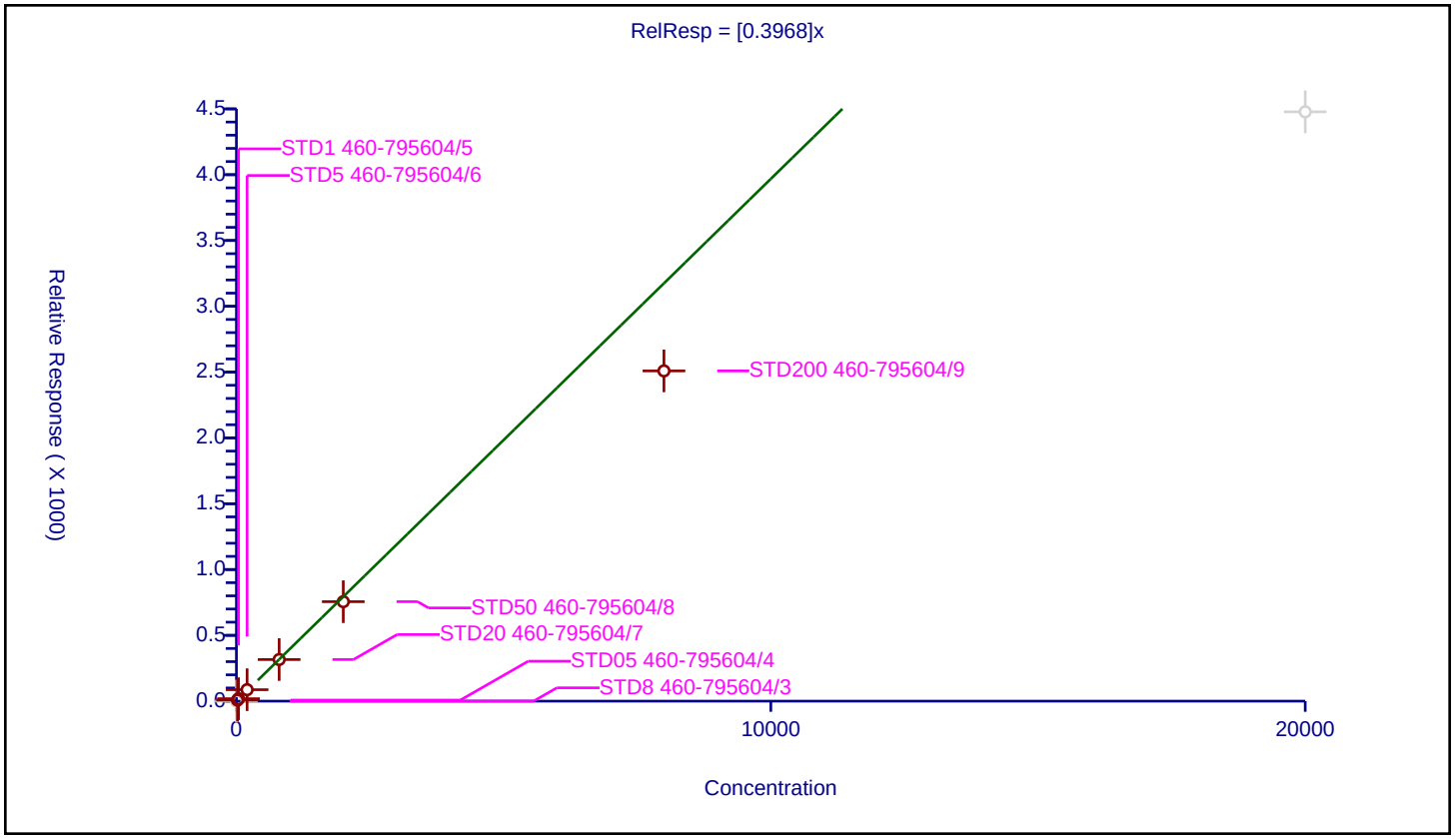
Curve Coefficients

Intercept:	0
Slope:	0.3968

Error Coefficients

Standard Error:	63500
Relative Standard Error:	13.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	20.0	7.896189	1000.0	52557.0	0.394809	Y
3	STD1 460-795604/5	40.0	18.616087	1000.0	51246.0	0.465402	Y
4	STD5 460-795604/6	200.0	86.837171	1000.0	51729.0	0.434186	Y
5	STD20 460-795604/7	800.0	316.032499	1000.0	56741.0	0.395041	Y
6	STD50 460-795604/8	2000.0	755.81288	1000.0	54147.0	0.377906	Y
7	STD200 460-795604/9	8000.0	2509.250845	1000.0	55022.0	0.313656	Y
8	STD500 460-795604/10	20000.0	4477.550958	1000.0	65103.0	0.223878	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

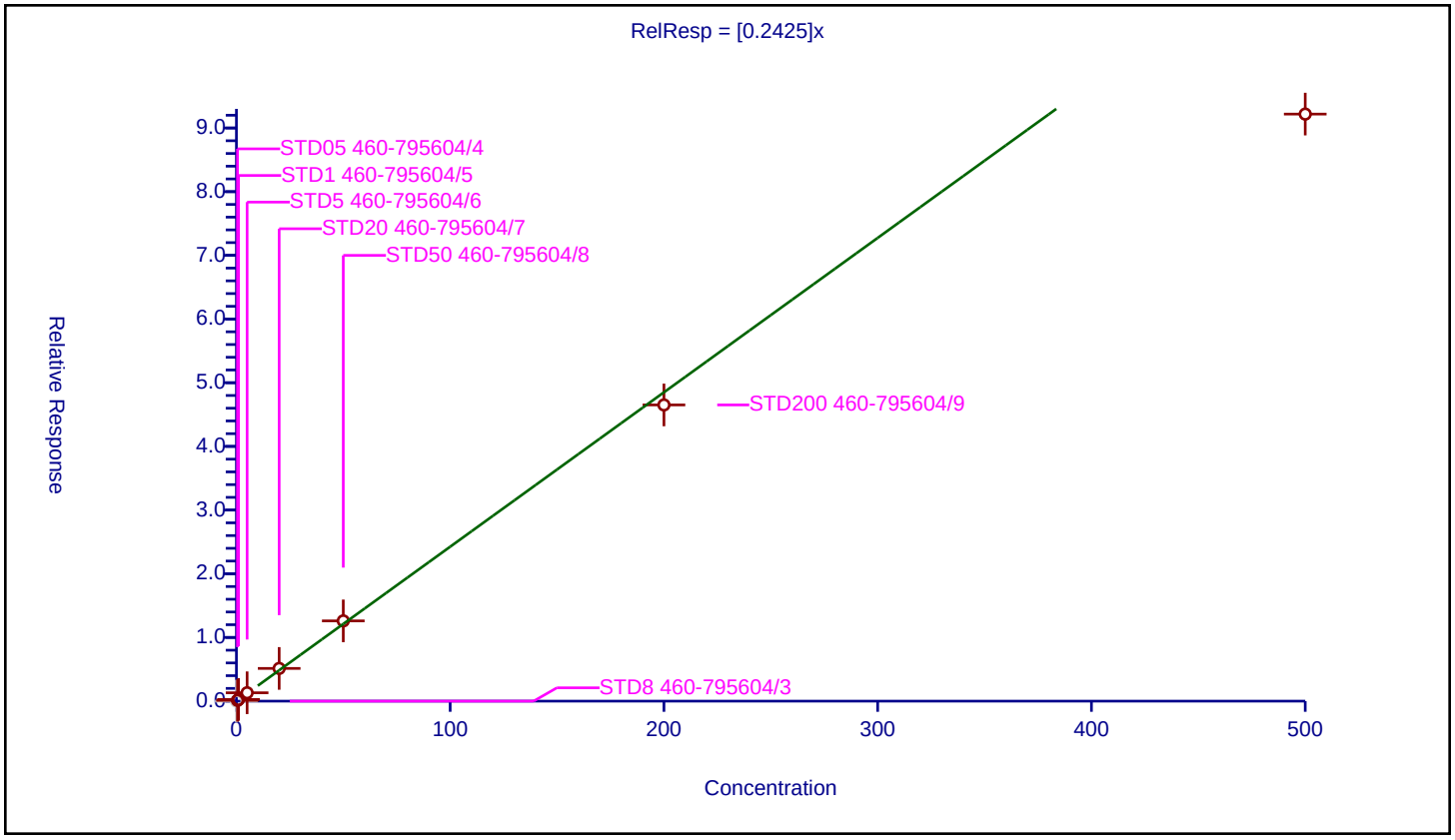
Curve Coefficients

Intercept:	0
Slope:	0.2425

Error Coefficients

Standard Error:	471000
Relative Standard Error:	11.5
Correlation Coefficient:	0.982
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.122007	50.0	634798.0	0.244015	Y
3	STD1 460-795604/5	1.0	0.264687	50.0	632256.0	0.264687	Y
4	STD5 460-795604/6	5.0	1.3137	50.0	632108.0	0.26274	Y
5	STD20 460-795604/7	20.0	5.138087	50.0	623014.0	0.256904	Y
6	STD50 460-795604/8	50.0	12.602204	50.0	605898.0	0.252044	Y
7	STD200 460-795604/9	200.0	46.512851	50.0	582840.0	0.232564	Y
8	STD500 460-795604/10	500.0	92.183074	50.0	544402.0	0.184366	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

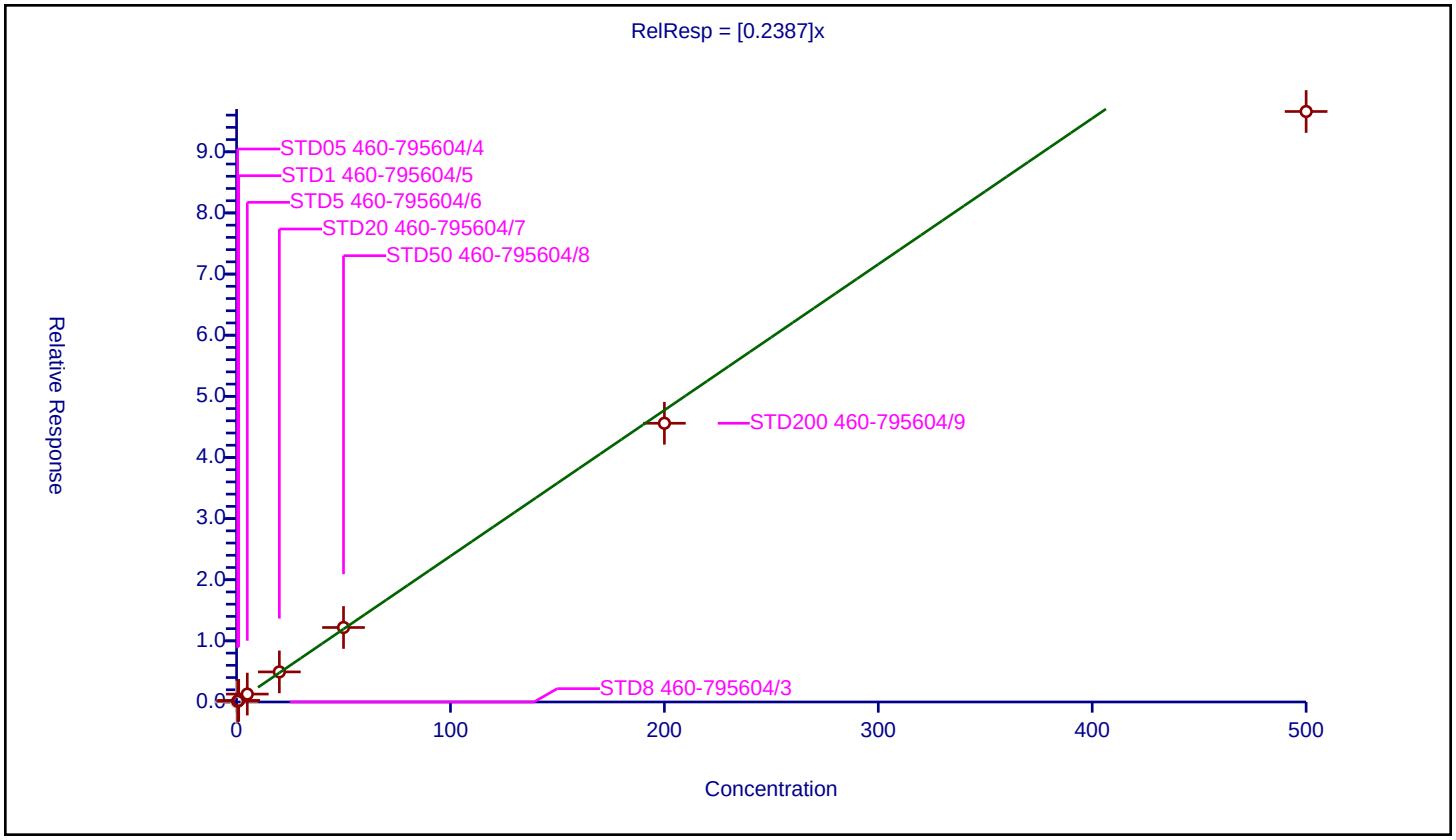
Curve Coefficients

Intercept:	0
Slope:	0.2387

Error Coefficients

Standard Error:	485000
Relative Standard Error:	9.5
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.121298	50.0	634798.0	0.242597	Y
3	STD1 460-795604/5	1.0	0.258123	50.0	632256.0	0.258123	Y
4	STD5 460-795604/6	5.0	1.29519	50.0	632108.0	0.259038	Y
5	STD20 460-795604/7	20.0	4.920917	50.0	623014.0	0.246046	Y
6	STD50 460-795604/8	50.0	12.185879	50.0	605898.0	0.243718	Y
7	STD200 460-795604/9	200.0	45.596991	50.0	582840.0	0.227985	Y
8	STD500 460-795604/10	500.0	96.595163	50.0	544402.0	0.19319	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

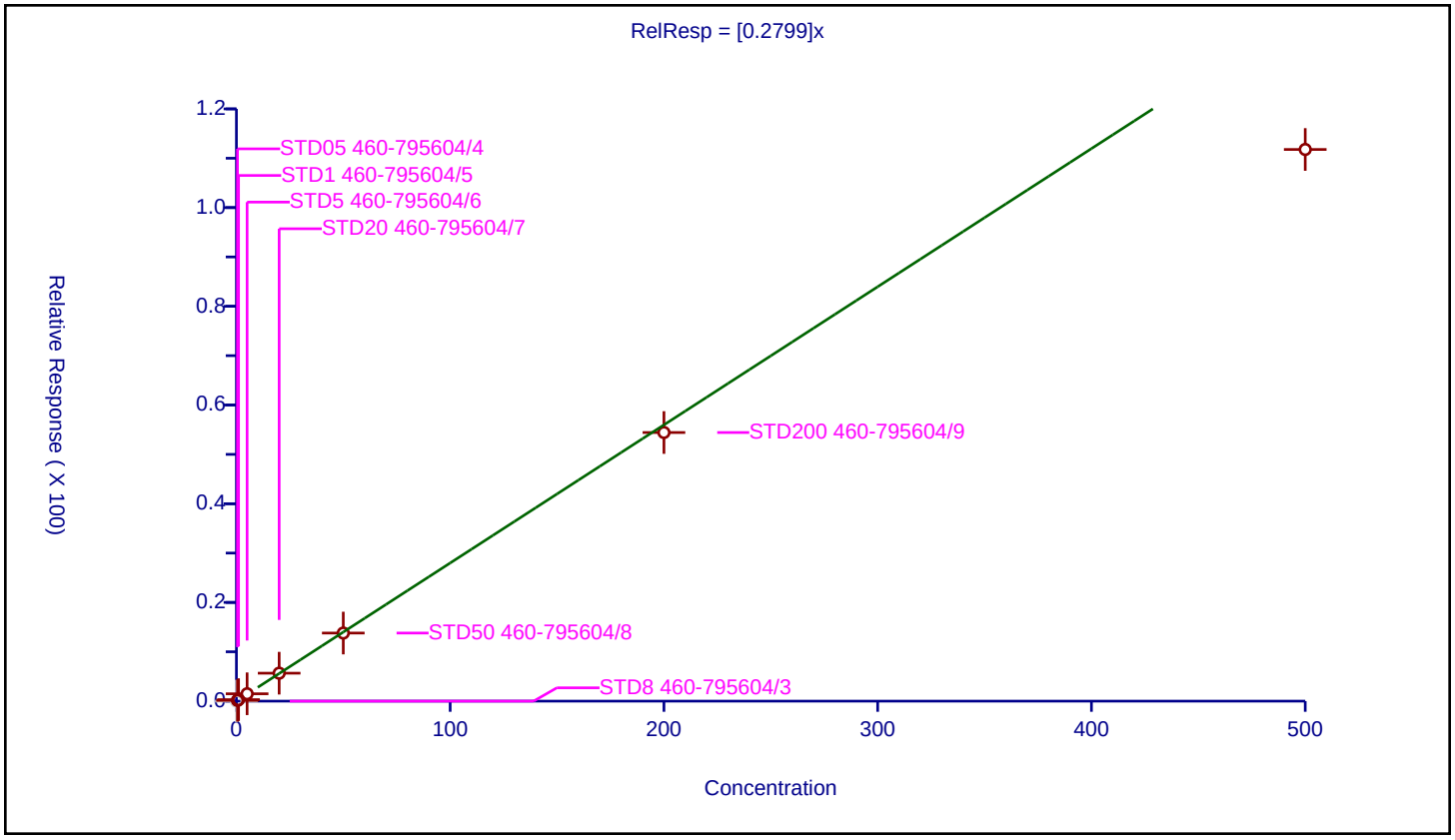
Curve Coefficients

Intercept:	0
Slope:	0.2799

Error Coefficients

Standard Error:	565000
Relative Standard Error:	10.0
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.15438	50.0	634798.0	0.30876	Y
3	STD1 460-795604/5	1.0	0.297032	50.0	632256.0	0.297032	Y
4	STD5 460-795604/6	5.0	1.492387	50.0	632108.0	0.298477	Y
5	STD20 460-795604/7	20.0	5.6648	50.0	623014.0	0.28324	Y
6	STD50 460-795604/8	50.0	13.798775	50.0	605898.0	0.275975	Y
7	STD200 460-795604/9	200.0	54.427373	50.0	582840.0	0.272137	Y
8	STD500 460-795604/10	500.0	111.773193	50.0	544402.0	0.223546	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

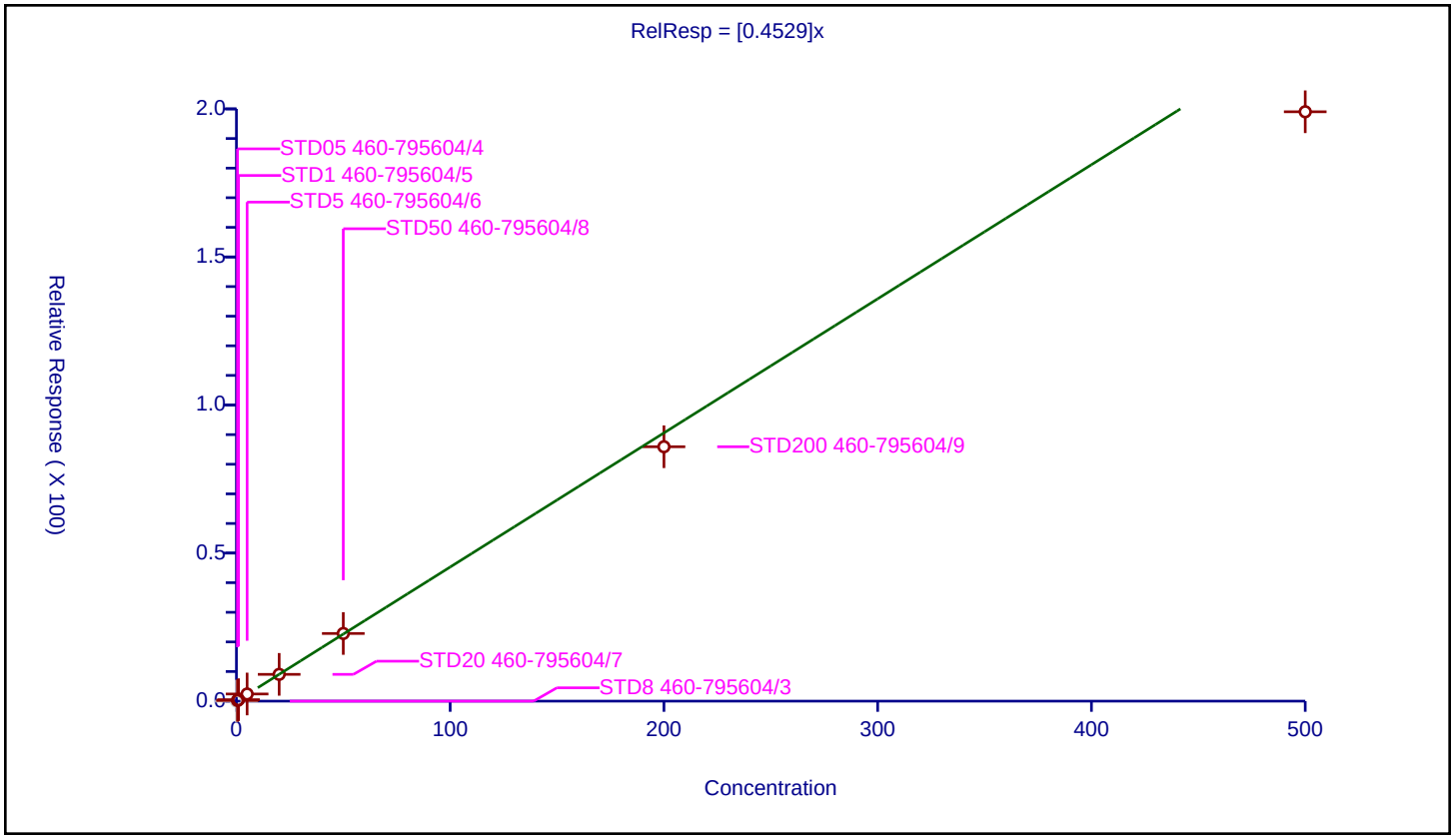
Curve Coefficients

Intercept:	0
Slope:	0.4529

Error Coefficients

Standard Error:	982000
Relative Standard Error:	7.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.228419	50.0	634798.0	0.456838	Y
3	STD1 460-795604/5	1.0	0.493471	50.0	632256.0	0.493471	Y
4	STD5 460-795604/6	5.0	2.414856	50.0	632108.0	0.482971	Y
5	STD20 460-795604/7	20.0	9.046105	50.0	623014.0	0.452305	Y
6	STD50 460-795604/8	50.0	22.852114	50.0	605898.0	0.457042	Y
7	STD200 460-795604/9	200.0	85.904622	50.0	582840.0	0.429523	Y
8	STD500 460-795604/10	500.0	199.029577	50.0	544402.0	0.398059	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

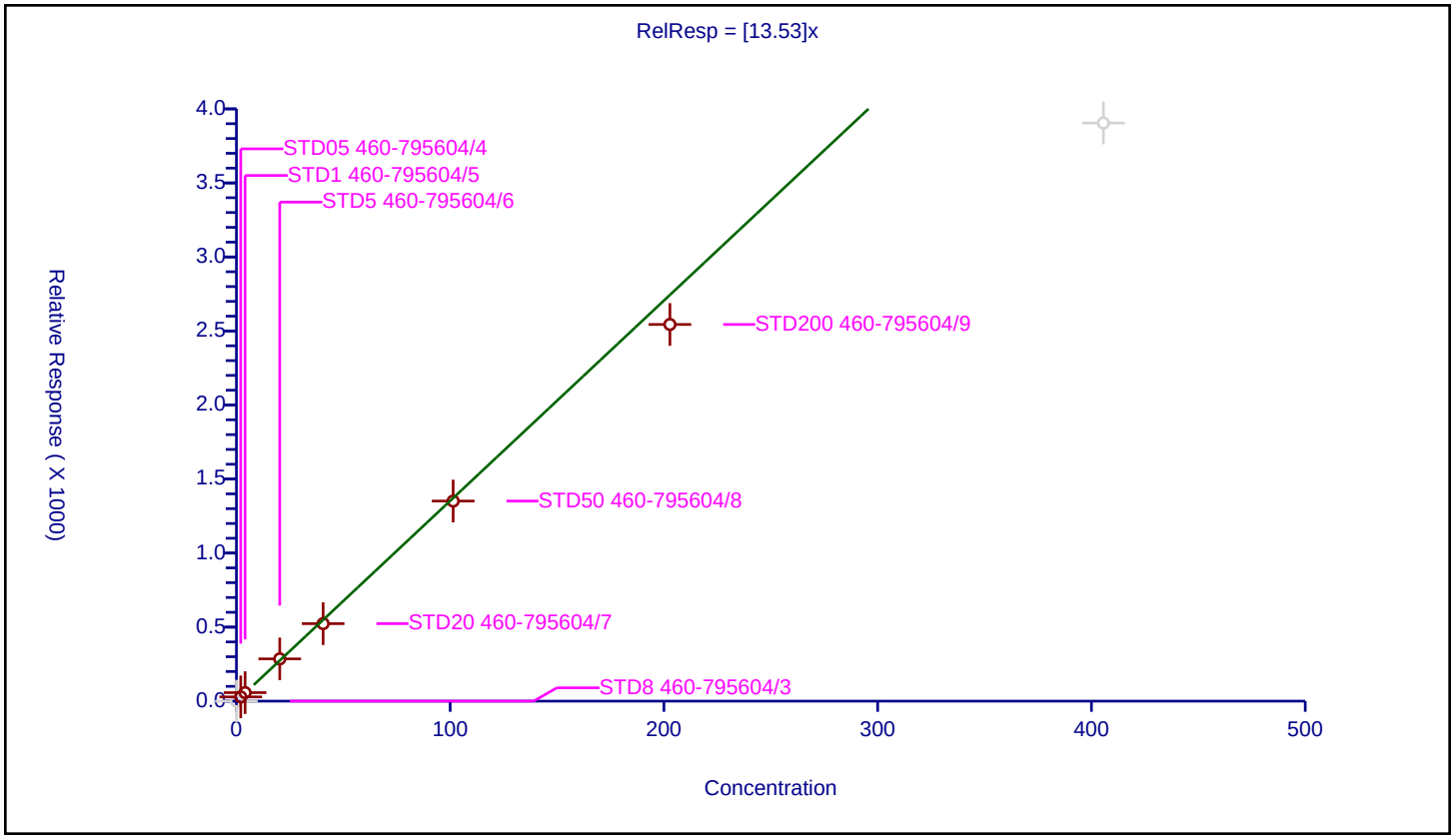
Curve Coefficients

Intercept:	0
Slope:	13.53

Error Coefficients

Standard Error:	70800
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	2.028	28.692657	1000.0	52557.0	14.148253	Y
3	STD1 460-795604/5	4.056	57.448386	1000.0	51246.0	14.163803	Y
4	STD5 460-795604/6	20.28	285.468499	1000.0	51729.0	14.076356	Y
5	STD20 460-795604/7	40.56	523.448653	1000.0	56741.0	12.905539	Y
6	STD50 460-795604/8	101.4	1351.450681	1000.0	54147.0	13.327916	Y
7	STD200 460-795604/9	202.8	2544.036931	1000.0	55022.0	12.544561	Y
8	STD500 460-795604/10	405.6	3904.443728	1000.0	65103.0	9.626341	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

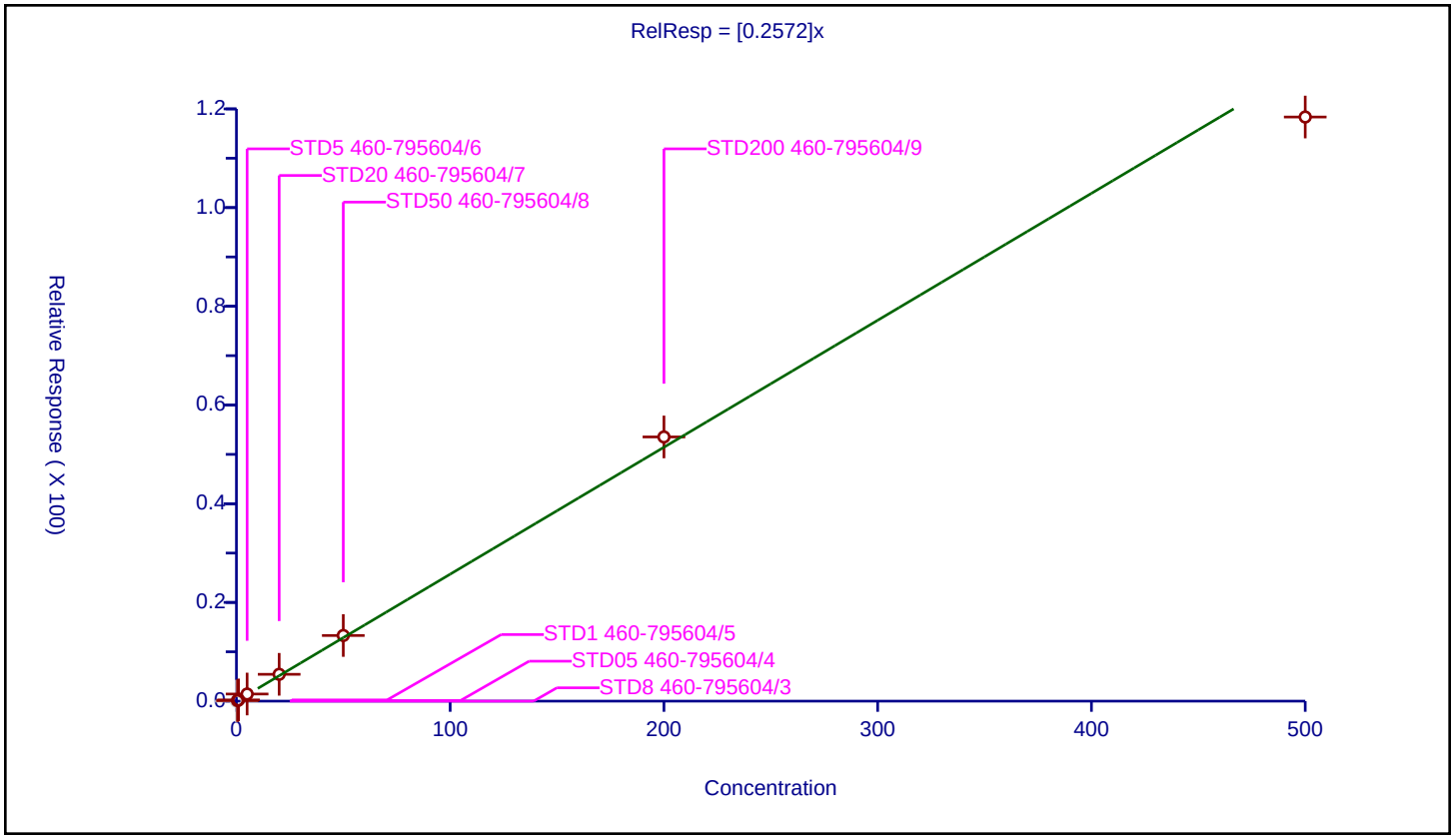
Curve Coefficients

Intercept:	0
Slope:	0.2572

Error Coefficients

Standard Error:	589000
Relative Standard Error:	8.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.112792	50.0	634798.0	0.225584	Y
3	STD1 460-795604/5	1.0	0.24373	50.0	632256.0	0.24373	Y
4	STD5 460-795604/6	5.0	1.444532	50.0	632108.0	0.288906	Y
5	STD20 460-795604/7	20.0	5.438802	50.0	623014.0	0.27194	Y
6	STD50 460-795604/8	50.0	13.301744	50.0	605898.0	0.266035	Y
7	STD200 460-795604/9	200.0	53.530815	50.0	582840.0	0.267654	Y
8	STD500 460-795604/10	500.0	118.355829	50.0	544402.0	0.236712	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

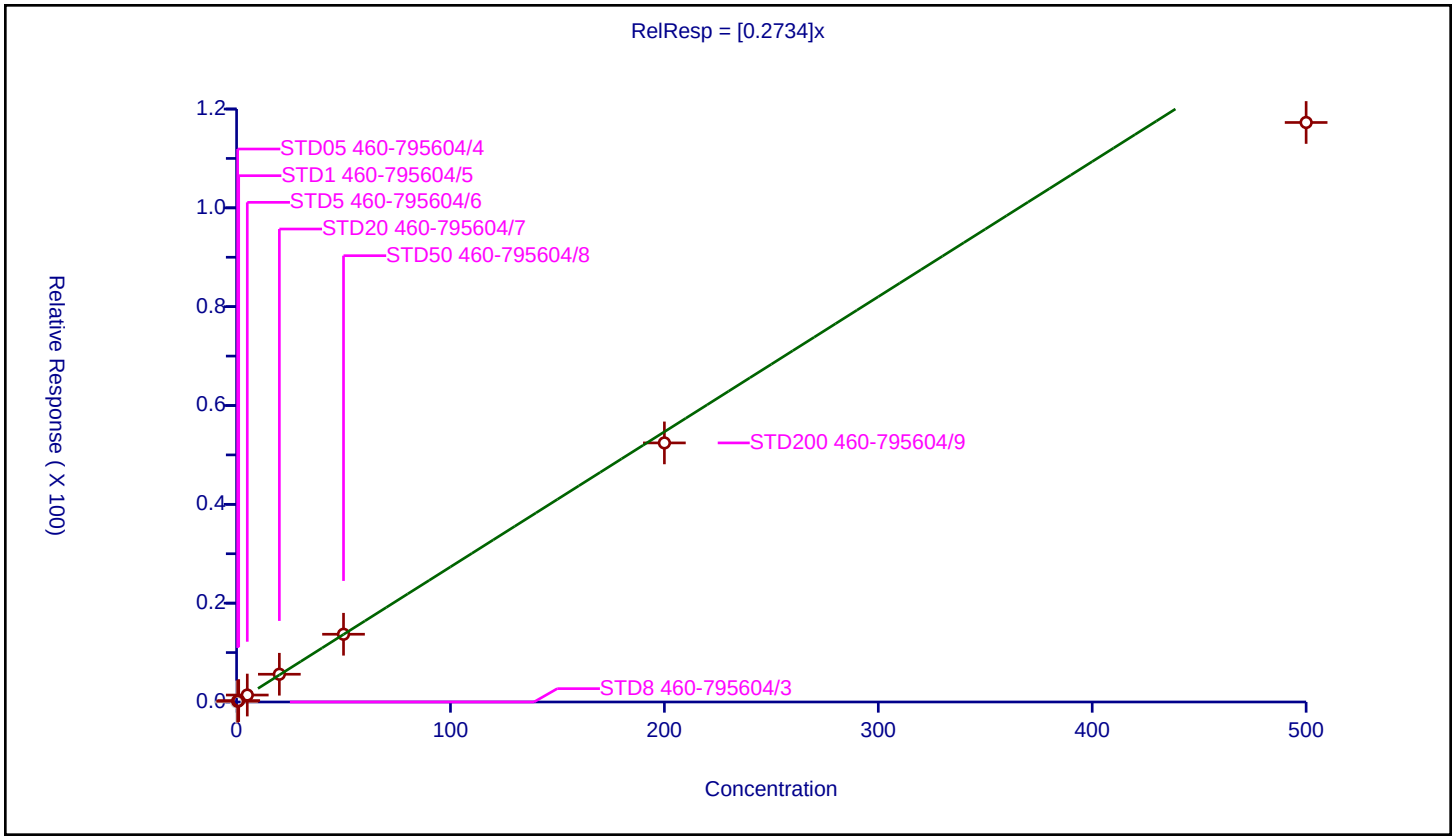
Curve Coefficients

Intercept:	0
Slope:	0.2734

Error Coefficients

Standard Error:	583000
Relative Standard Error:	7.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.148394	50.0	634798.0	0.296787	Y
3	STD1 460-795604/5	1.0	0.283983	50.0	632256.0	0.283983	Y
4	STD5 460-795604/6	5.0	1.406722	50.0	632108.0	0.281344	Y
5	STD20 460-795604/7	20.0	5.616968	50.0	623014.0	0.280848	Y
6	STD50 460-795604/8	50.0	13.708083	50.0	605898.0	0.274162	Y
7	STD200 460-795604/9	200.0	52.43017	50.0	582840.0	0.262151	Y
8	STD500 460-795604/10	500.0	117.272163	50.0	544402.0	0.234544	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

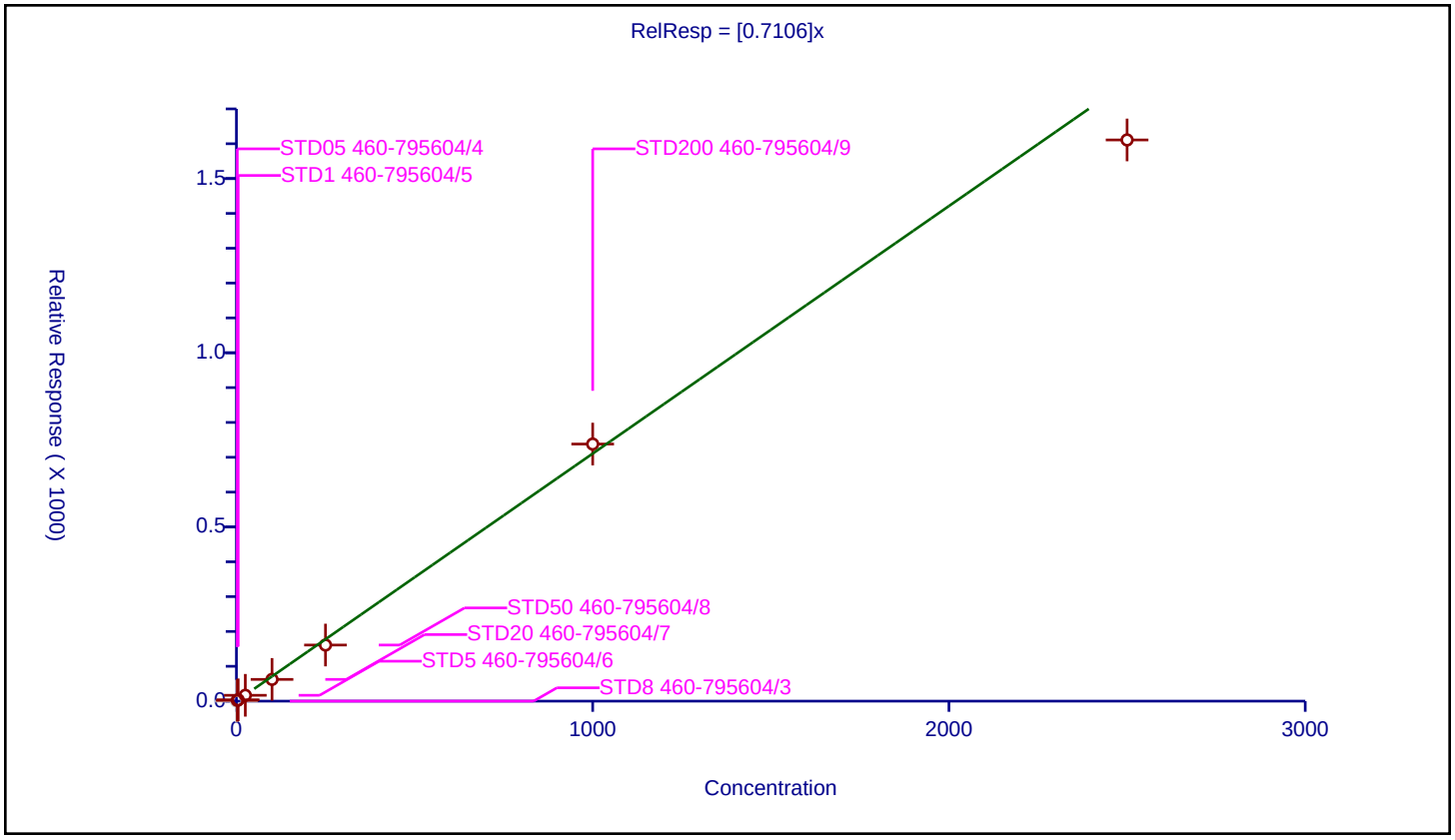
Curve Coefficients

Intercept:	0
Slope:	0.7106

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.3
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	2.5	2.231001	250.0	424137.0	0.8924	Y
3	STD1 460-795604/5	5.0	3.792815	250.0	416643.0	0.758563	Y
4	STD5 460-795604/6	25.0	16.8088	250.0	423781.0	0.672352	Y
5	STD20 460-795604/7	100.0	62.419801	250.0	434077.0	0.624198	Y
6	STD50 460-795604/8	250.0	161.063637	250.0	408410.0	0.644255	Y
7	STD200 460-795604/9	1000.0	737.912996	250.0	382994.0	0.737913	Y
8	STD500 460-795604/10	2500.0	1610.848235	250.0	338774.0	0.644339	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

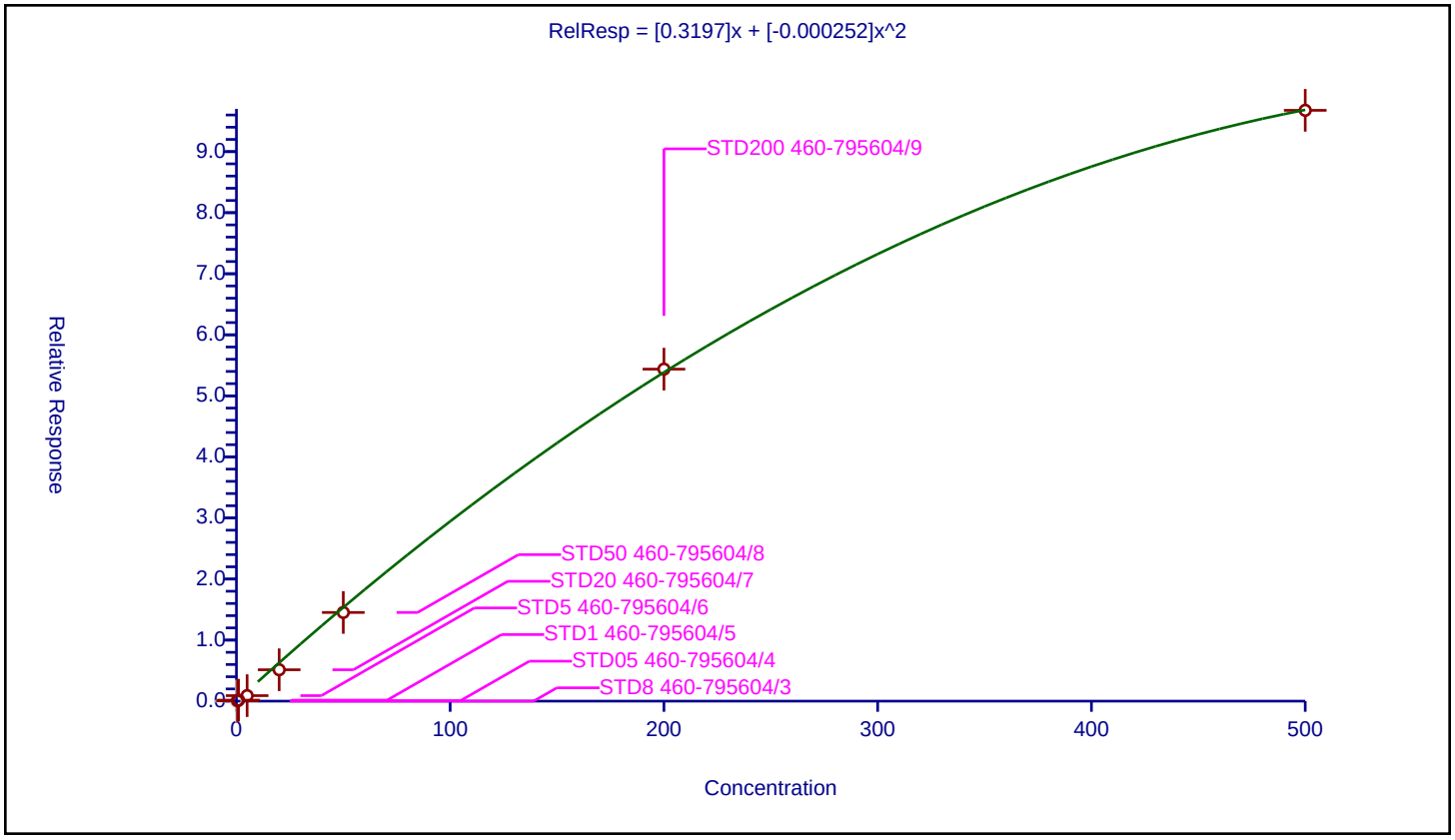
Curve Coefficients

Intercept:	0
Slope:	0.3197
Second Order:	-0.000252

Error Coefficients

Standard Error:	556000
Relative Standard Error:	39.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.068368	50.0	634798.0	0.136736	Y
3	STD1 460-795604/5	1.0	0.164569	50.0	632256.0	0.164569	Y
4	STD5 460-795604/6	5.0	0.89866	50.0	632108.0	0.179732	Y
5	STD20 460-795604/7	20.0	5.140093	50.0	623014.0	0.257005	Y
6	STD50 460-795604/8	50.0	14.522906	50.0	605898.0	0.290458	Y
7	STD200 460-795604/9	200.0	54.379075	50.0	582840.0	0.271895	Y
8	STD500 460-795604/10	500.0	96.764615	50.0	544402.0	0.193529	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

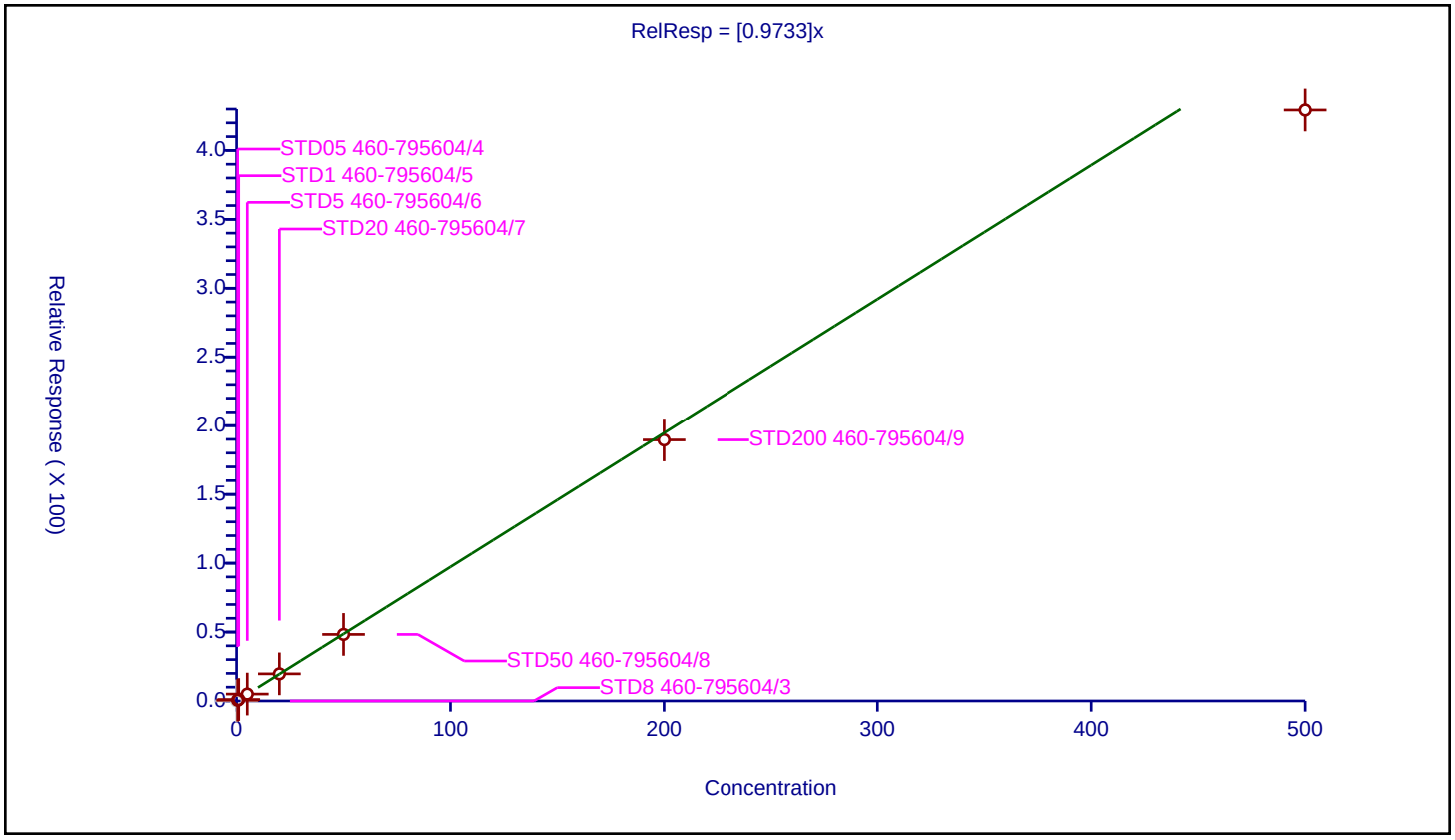
Curve Coefficients

Intercept:	0
Slope:	0.9733

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	6.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.510162	50.0	634798.0	1.020325	Y
3	STD1 460-795604/5	1.0	1.037713	50.0	632256.0	1.037713	Y
4	STD5 460-795604/6	5.0	4.998908	50.0	632108.0	0.999782	Y
5	STD20 460-795604/7	20.0	19.666011	50.0	623014.0	0.983301	Y
6	STD50 460-795604/8	50.0	48.277928	50.0	605898.0	0.965559	Y
7	STD200 460-795604/9	200.0	189.581189	50.0	582840.0	0.947906	Y
8	STD500 460-795604/10	500.0	429.329705	50.0	544402.0	0.858659	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

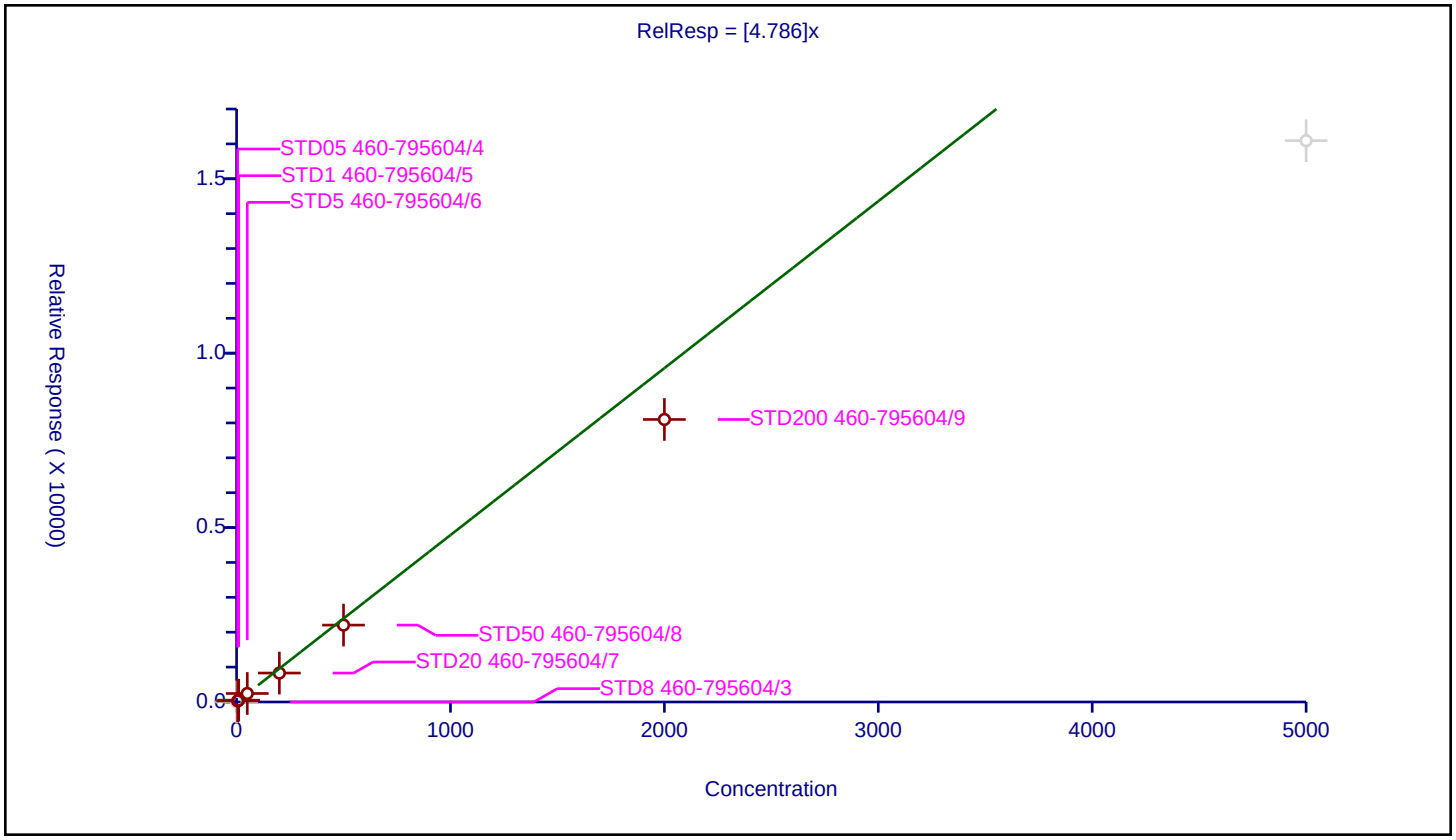
Curve Coefficients

Intercept:	0
Slope:	4.786

Error Coefficients

Standard Error:	203000
Relative Standard Error:	15.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	5.0	30.348003	1000.0	52557.0	6.069601	Y
3	STD1 460-795604/5	10.0	51.672326	1000.0	51246.0	5.167233	Y
4	STD5 460-795604/6	50.0	243.519109	1000.0	51729.0	4.870382	Y
5	STD20 460-795604/7	200.0	829.488377	1000.0	56741.0	4.147442	Y
6	STD50 460-795604/8	500.0	2204.351118	1000.0	54147.0	4.408702	Y
7	STD200 460-795604/9	2000.0	8099.560176	1000.0	55022.0	4.04978	Y
8	STD500 460-795604/10	5000.0	16092.453497	1000.0	65103.0	3.218491	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

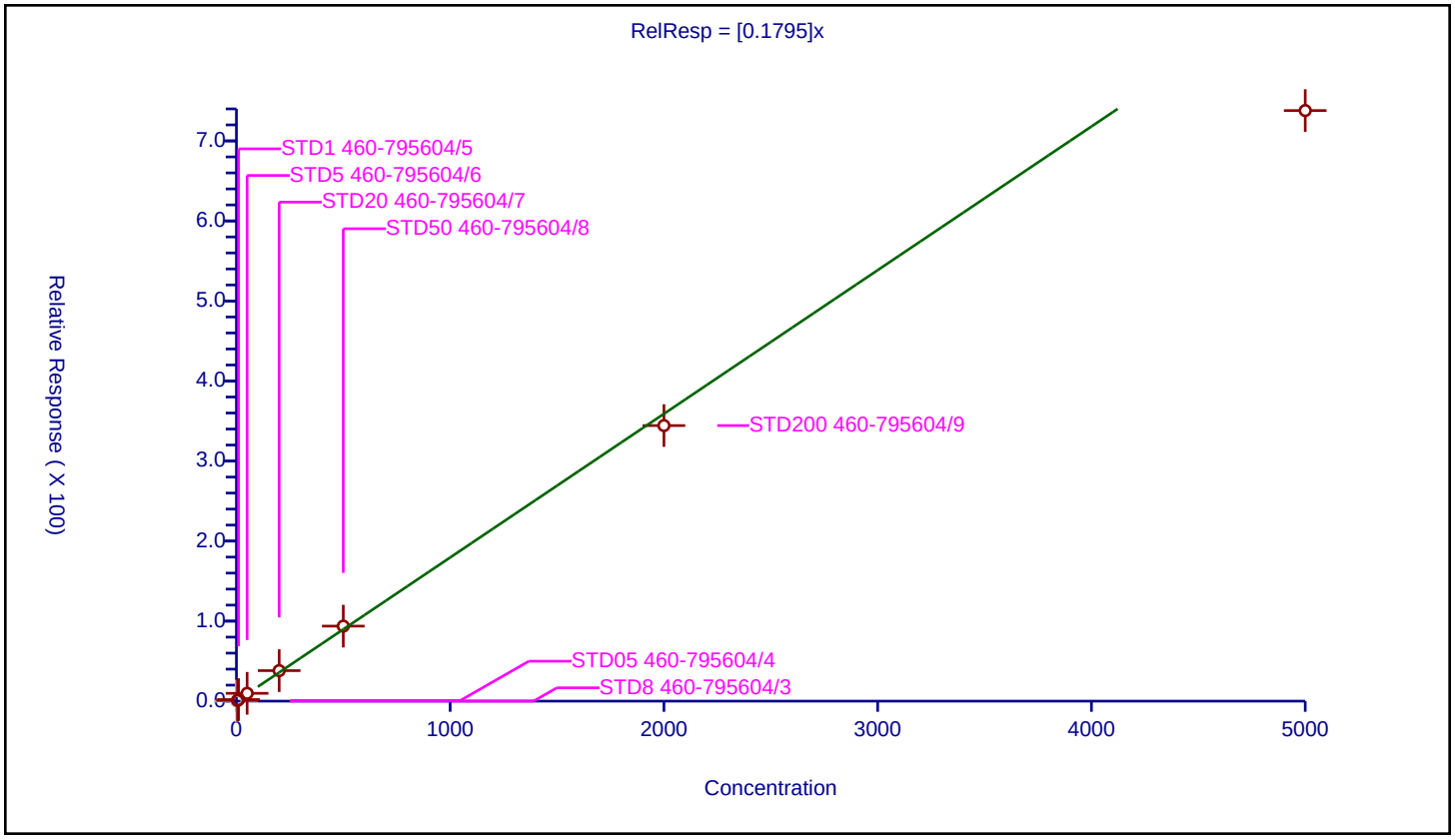
Curve Coefficients

Intercept:	0
Slope:	0.1795

Error Coefficients

Standard Error:	466000
Relative Standard Error:	9.7
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	5.0	0.848782	250.0	424137.0	0.169756	Y
3	STD1 460-795604/5	10.0	1.93871	250.0	416643.0	0.193871	Y
4	STD5 460-795604/6	50.0	9.756808	250.0	423781.0	0.195136	Y
5	STD20 460-795604/7	200.0	38.115357	250.0	434077.0	0.190577	Y
6	STD50 460-795604/8	500.0	93.724444	250.0	408410.0	0.187449	Y
7	STD200 460-795604/9	2000.0	344.319363	250.0	382994.0	0.17216	Y
8	STD500 460-795604/10	5000.0	737.897536	250.0	338774.0	0.14758	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

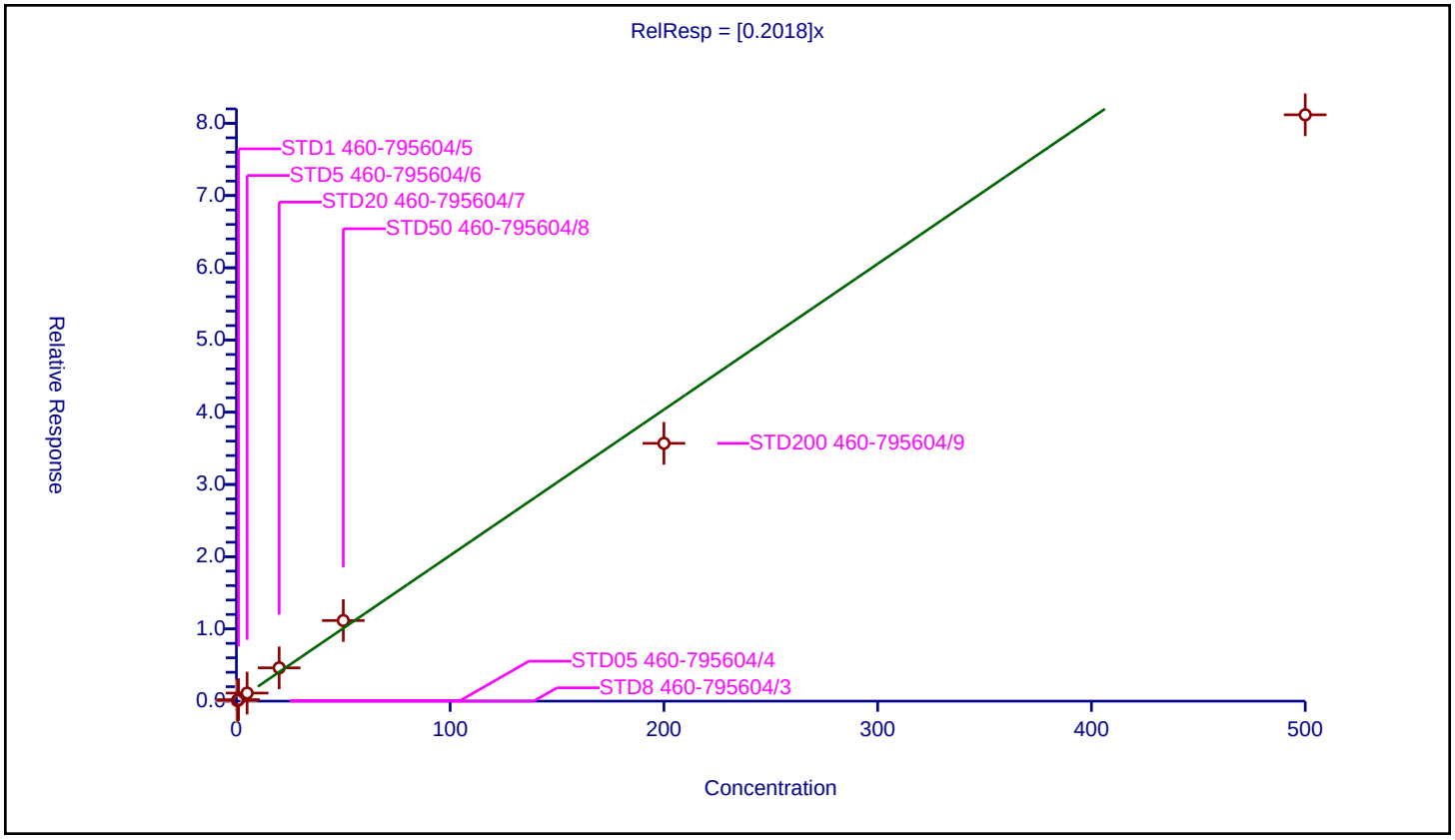
Curve Coefficients

Intercept:	0
Slope:	0.2018

Error Coefficients

Standard Error:	403000
Relative Standard Error:	12.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.095542	50.0	634798.0	0.191084	Y
3	STD1 460-795604/5	1.0	0.203082	50.0	632256.0	0.203082	Y
4	STD5 460-795604/6	5.0	1.119904	50.0	632108.0	0.223981	Y
5	STD20 460-795604/7	20.0	4.610972	50.0	623014.0	0.230549	Y
6	STD50 460-795604/8	50.0	11.159139	50.0	605898.0	0.223183	Y
7	STD200 460-795604/9	200.0	35.693501	50.0	582840.0	0.178468	Y
8	STD500 460-795604/10	500.0	81.180084	50.0	544402.0	0.16236	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

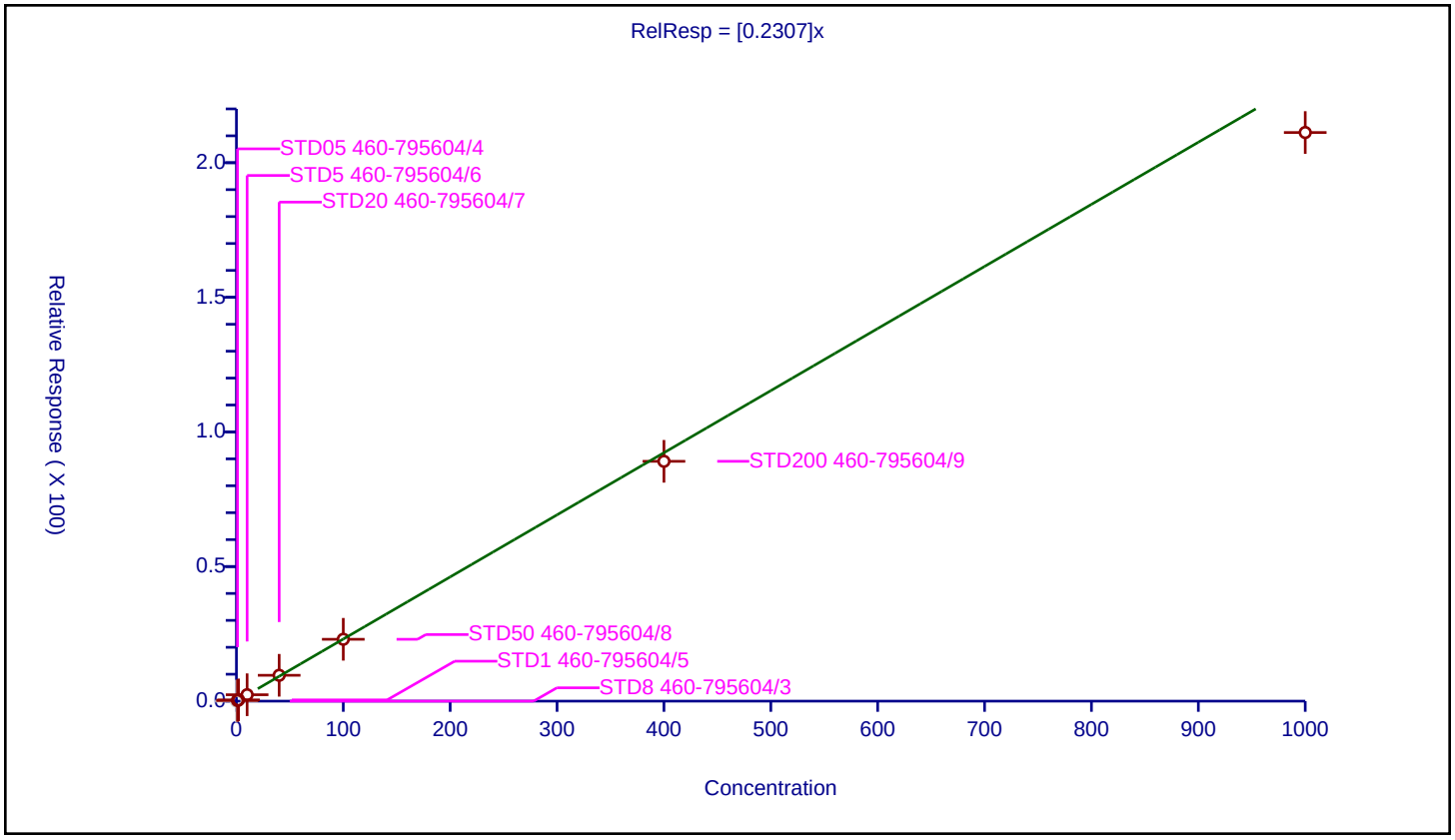
Curve Coefficients

Intercept:	0
Slope:	0.2307

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	1.0	0.243778	50.0	634798.0	0.243778	Y
3	STD1 460-795604/5	2.0	0.459229	50.0	632256.0	0.229614	Y
4	STD5 460-795604/6	10.0	2.376809	50.0	632108.0	0.237681	Y
5	STD20 460-795604/7	40.0	9.597778	50.0	623014.0	0.239944	Y
6	STD50 460-795604/8	100.0	22.979775	50.0	605898.0	0.229798	Y
7	STD200 460-795604/9	400.0	89.082939	50.0	582840.0	0.222707	Y
8	STD500 460-795604/10	1000.0	211.225712	50.0	544402.0	0.211226	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

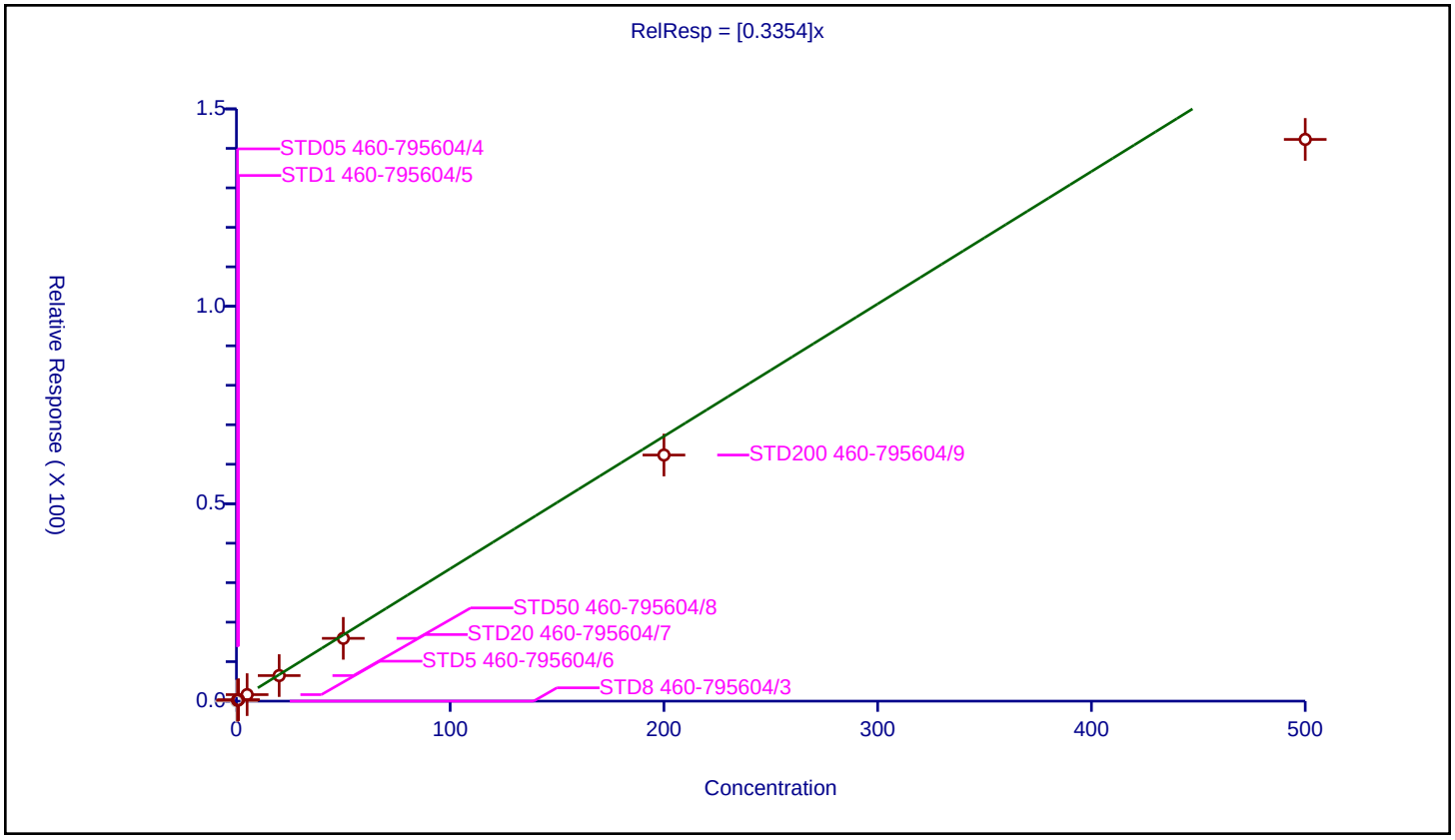
Curve Coefficients

Intercept:	0
Slope:	0.3354

Error Coefficients

Standard Error:	704000
Relative Standard Error:	13.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.210146	50.0	634798.0	0.420291	Y
3	STD1 460-795604/5	1.0	0.359269	50.0	632256.0	0.359269	Y
4	STD5 460-795604/6	5.0	1.650905	50.0	632108.0	0.330181	Y
5	STD20 460-795604/7	20.0	6.471042	50.0	623014.0	0.323552	Y
6	STD50 460-795604/8	50.0	15.902264	50.0	605898.0	0.318045	Y
7	STD200 460-795604/9	200.0	62.334346	50.0	582840.0	0.311672	Y
8	STD500 460-795604/10	500.0	142.269867	50.0	544402.0	0.28454	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

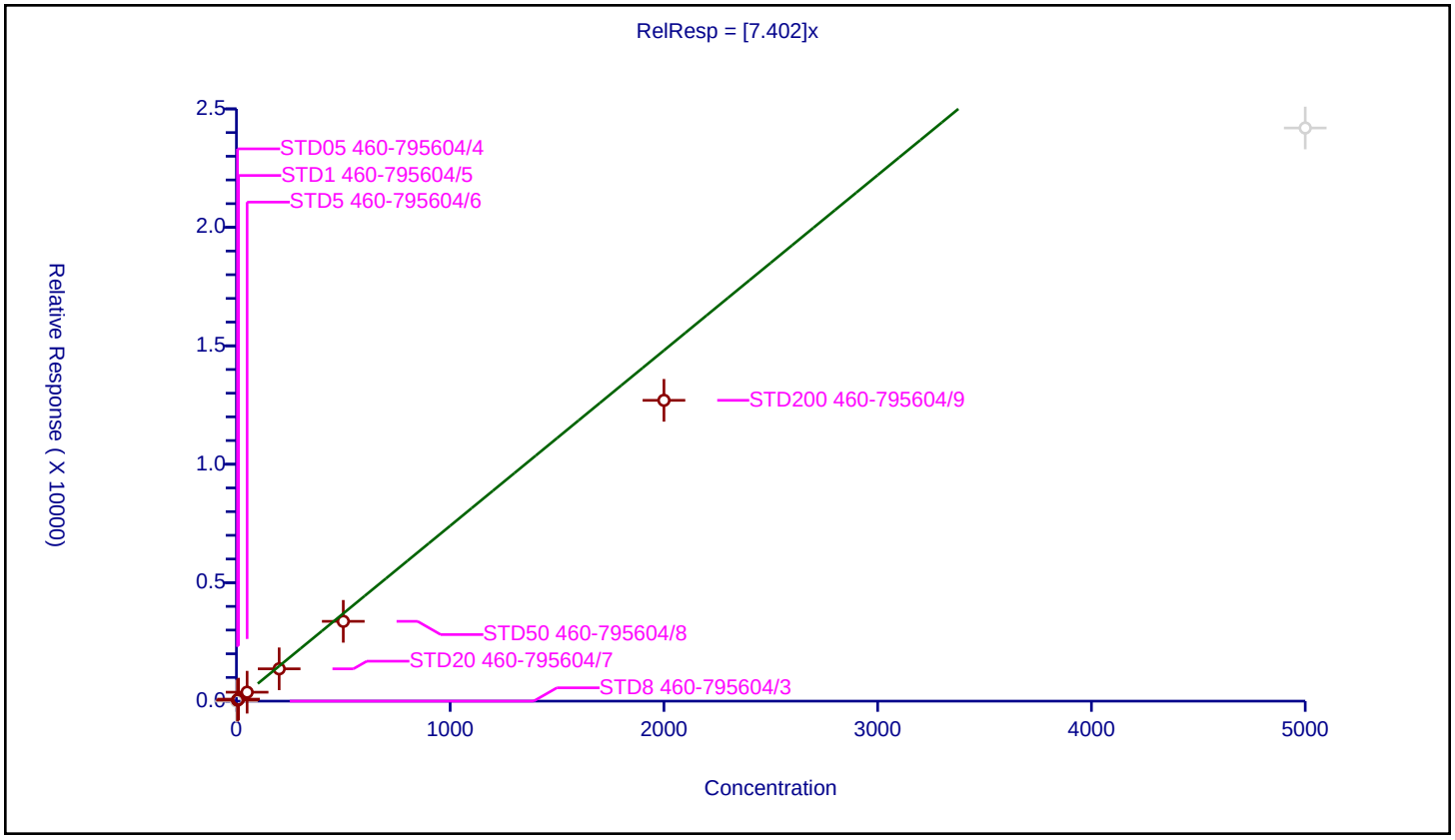
Curve Coefficients

Intercept:	0
Slope:	7.402

Error Coefficients

Standard Error:	318000
Relative Standard Error:	12.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	5.0	42.791636	1000.0	52557.0	8.558327	Y
3	STD1 460-795604/5	10.0	84.006557	1000.0	51246.0	8.400656	Y
4	STD5 460-795604/6	50.0	377.138549	1000.0	51729.0	7.542771	Y
5	STD20 460-795604/7	200.0	1364.797942	1000.0	56741.0	6.82399	Y
6	STD50 460-795604/8	500.0	3369.235599	1000.0	54147.0	6.738471	Y
7	STD200 460-795604/9	2000.0	12697.630039	1000.0	55022.0	6.348815	Y
8	STD500 460-795604/10	5000.0	24193.539468	1000.0	65103.0	4.838708	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

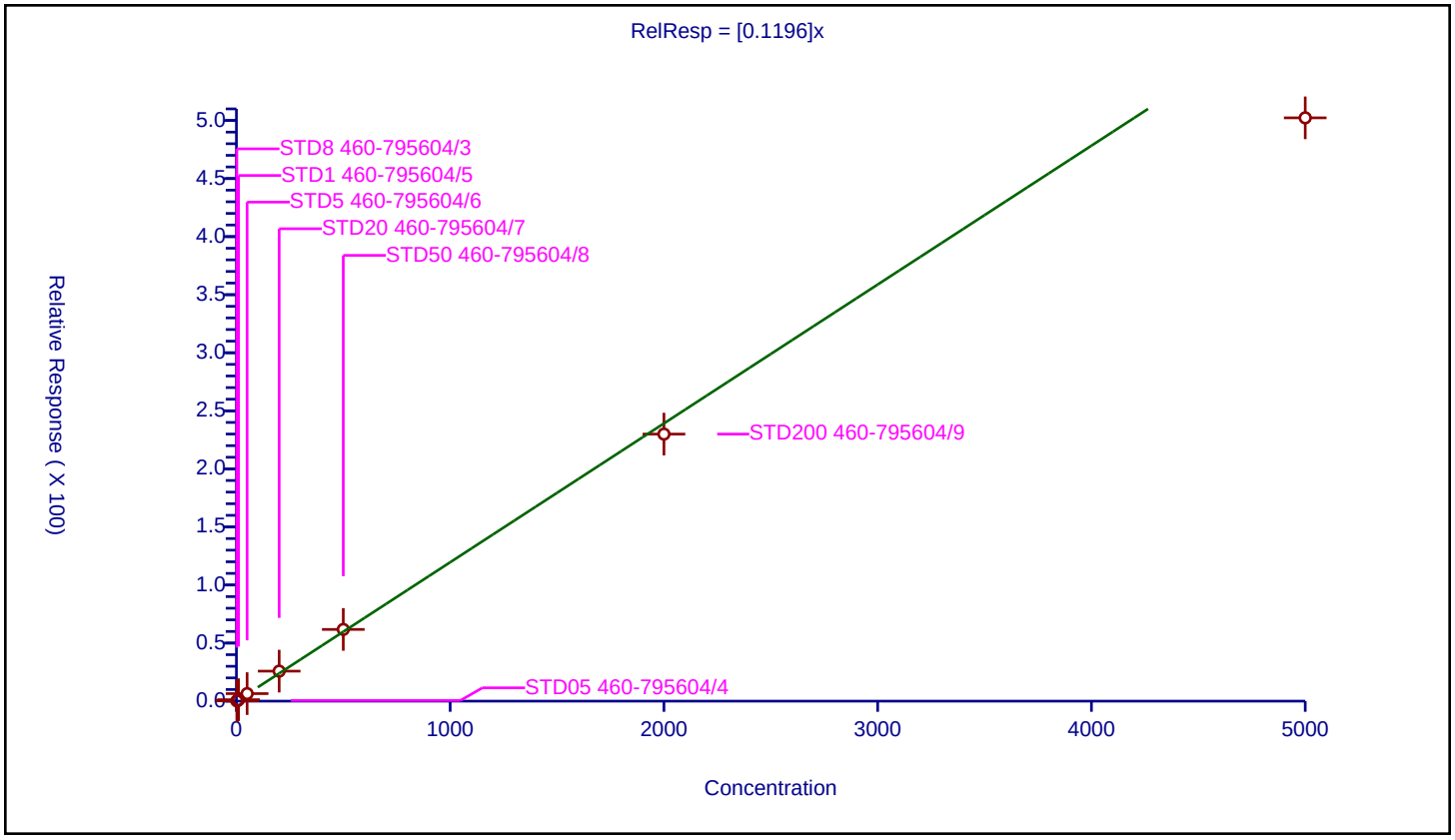
Curve Coefficients

Intercept:	0
Slope:	0.1196

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	7.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	2.0	0.240213	50.0	634852.0	0.120107	Y
2	STD05 460-795604/4	5.0	0.584359	50.0	634798.0	0.116872	Y
3	STD1 460-795604/5	10.0	1.220154	50.0	632256.0	0.122015	Y
4	STD5 460-795604/6	50.0	6.477532	50.0	632108.0	0.129551	Y
5	STD20 460-795604/7	200.0	25.83393	50.0	623014.0	0.12917	Y
6	STD50 460-795604/8	500.0	61.747192	50.0	605898.0	0.123494	Y
7	STD200 460-795604/9	2000.0	229.96783	50.0	582840.0	0.114984	Y
8	STD500 460-795604/10	5000.0	502.294812	50.0	544402.0	0.100459	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

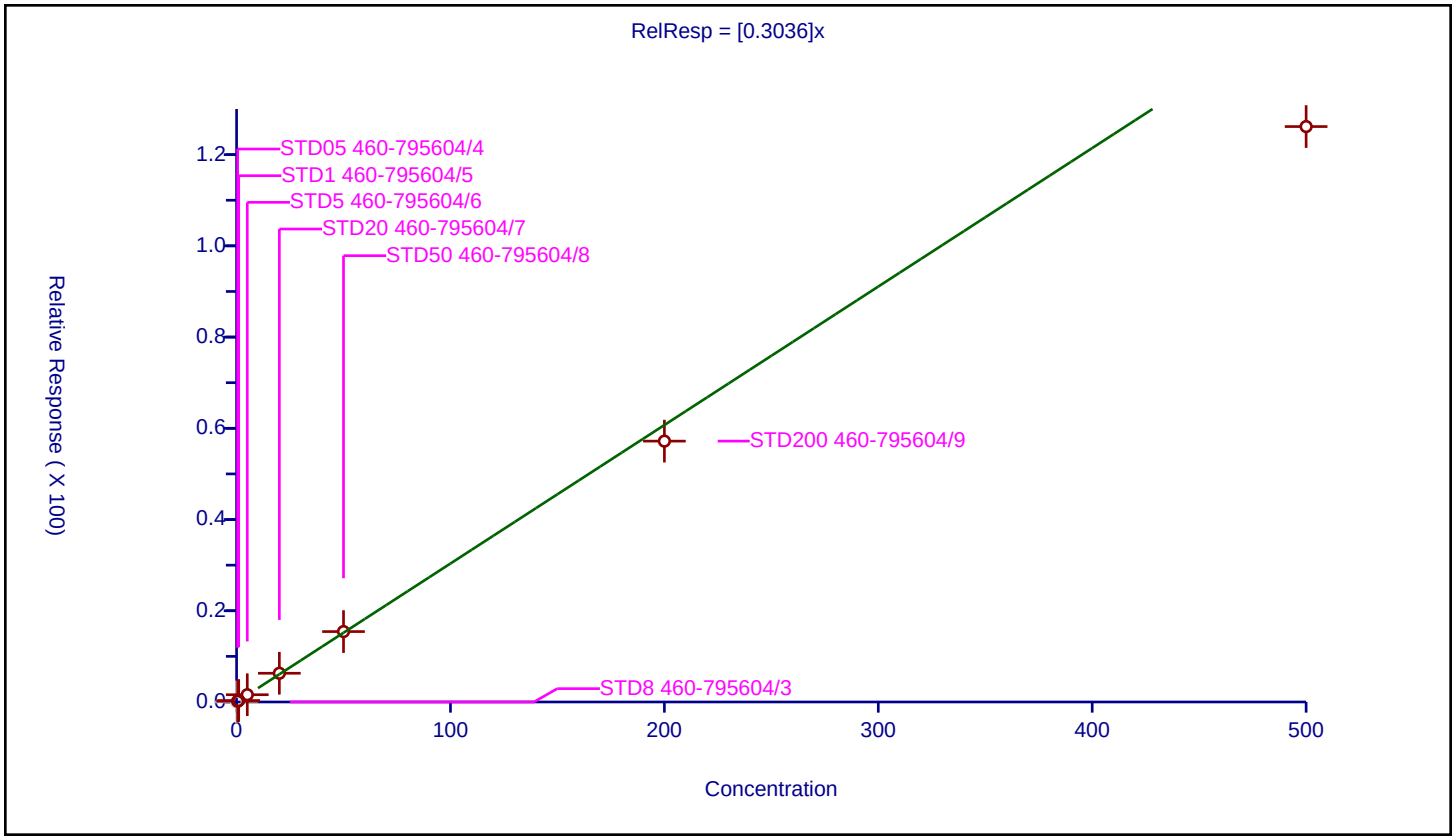
Curve Coefficients

Intercept:	0
Slope:	0.3036

Error Coefficients

Standard Error:	629000
Relative Standard Error:	8.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.161469	50.0	634798.0	0.322937	Y
3	STD1 460-795604/5	1.0	0.321389	50.0	632256.0	0.321389	Y
4	STD5 460-795604/6	5.0	1.59419	50.0	632108.0	0.318838	Y
5	STD20 460-795604/7	20.0	6.298815	50.0	623014.0	0.314941	Y
6	STD50 460-795604/8	50.0	15.438407	50.0	605898.0	0.308768	Y
7	STD200 460-795604/9	200.0	57.192626	50.0	582840.0	0.285963	Y
8	STD500 460-795604/10	500.0	126.152549	50.0	544402.0	0.252305	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

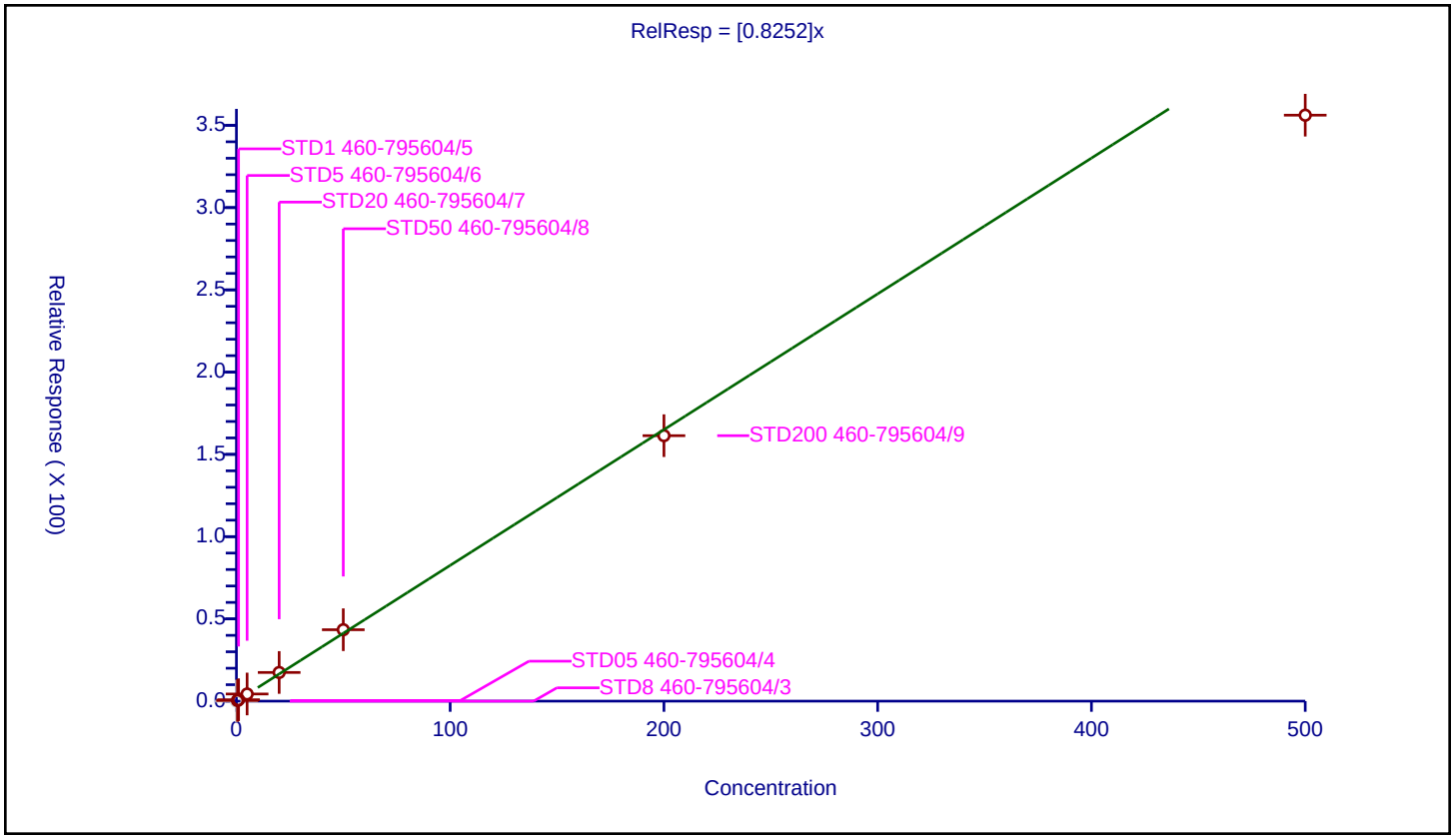
Curve Coefficients

Intercept:	0
Slope:	0.8252

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	6.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.402884	50.0	634798.0	0.805768	Y
3	STD1 460-795604/5	1.0	0.843883	50.0	632256.0	0.843883	Y
4	STD5 460-795604/6	5.0	4.339765	50.0	632108.0	0.867953	Y
5	STD20 460-795604/7	20.0	17.425531	50.0	623014.0	0.871277	Y
6	STD50 460-795604/8	50.0	43.416549	50.0	605898.0	0.868331	Y
7	STD200 460-795604/9	200.0	161.366499	50.0	582840.0	0.806832	Y
8	STD500 460-795604/10	500.0	356.174022	50.0	544402.0	0.712348	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

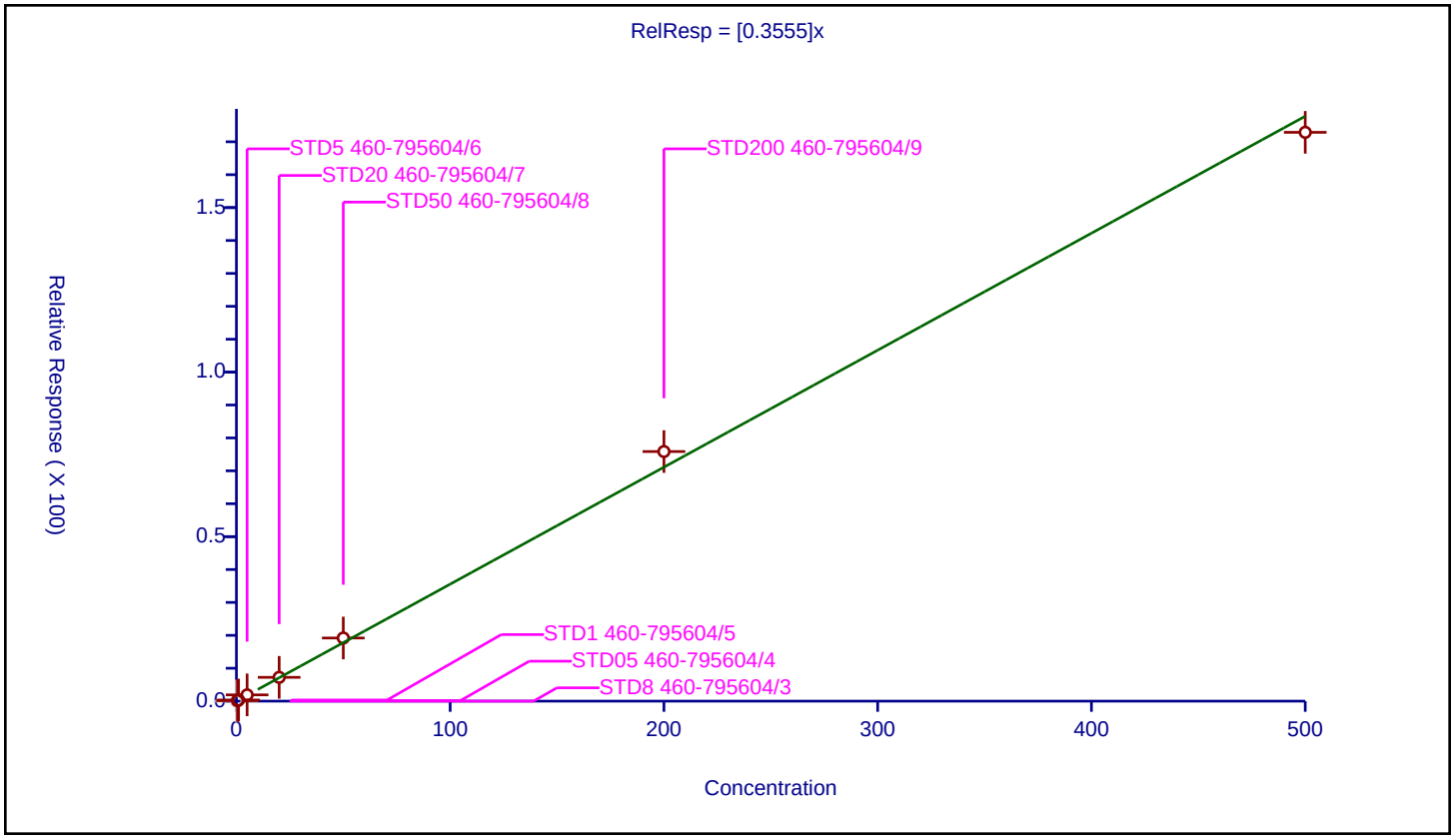
Curve Coefficients

Intercept:	0
Slope:	0.3555

Error Coefficients

Standard Error:	855000
Relative Standard Error:	8.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.147685	50.0	634798.0	0.29537	Y
3	STD1 460-795604/5	1.0	0.341634	50.0	632256.0	0.341634	Y
4	STD5 460-795604/6	5.0	1.905529	50.0	632108.0	0.381106	Y
5	STD20 460-795604/7	20.0	7.235231	50.0	623014.0	0.361762	Y
6	STD50 460-795604/8	50.0	19.192339	50.0	605898.0	0.383847	Y
7	STD200 460-795604/9	200.0	75.858898	50.0	582840.0	0.379294	Y
8	STD500 460-795604/10	500.0	172.876018	50.0	544402.0	0.345752	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

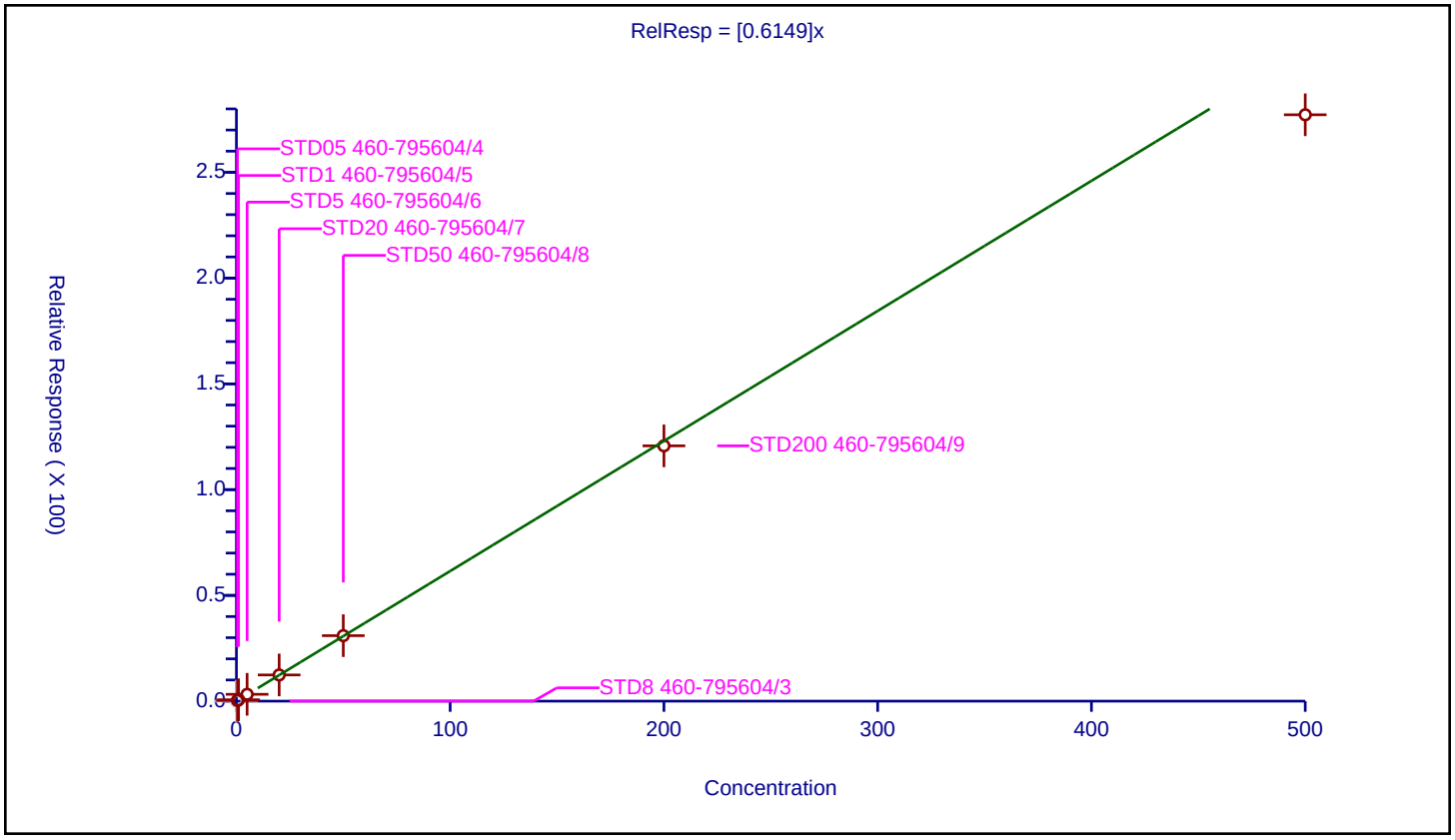
Curve Coefficients

Intercept:	0
Slope:	0.6149

Error Coefficients

Standard Error:	1370000
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 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.309862	50.0	634798.0	0.619725	Y
3	STD1 460-795604/5	1.0	0.642936	50.0	632256.0	0.642936	Y
4	STD5 460-795604/6	5.0	3.229591	50.0	632108.0	0.645918	Y
5	STD20 460-795604/7	20.0	12.379016	50.0	623014.0	0.618951	Y
6	STD50 460-795604/8	50.0	30.952239	50.0	605898.0	0.619045	Y
7	STD200 460-795604/9	200.0	120.700707	50.0	582840.0	0.603504	Y
8	STD500 460-795604/10	500.0	277.219683	50.0	544402.0	0.554439	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

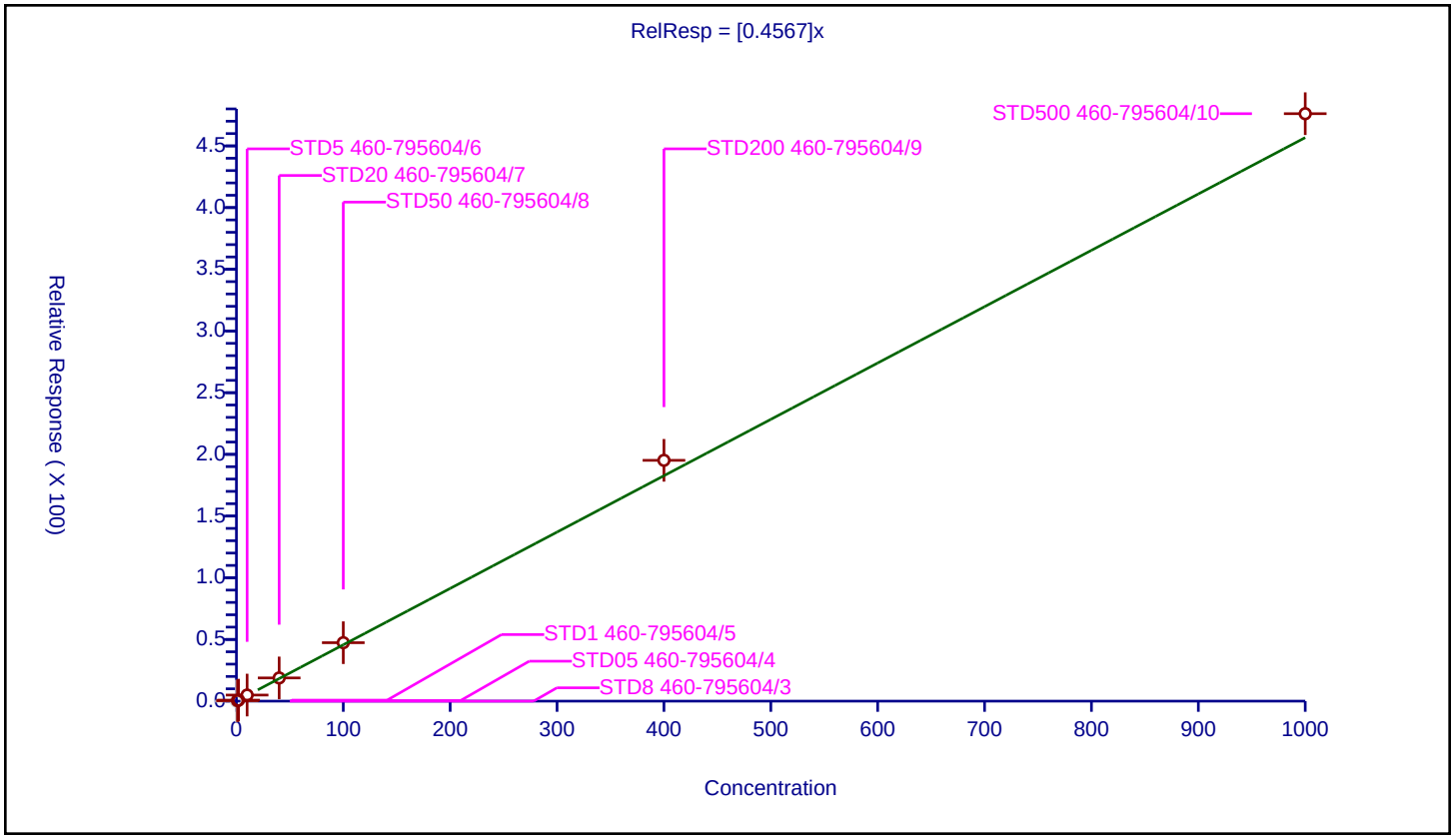
Curve Coefficients

Intercept:	0
Slope:	0.4567

Error Coefficients

Standard Error:	292000
Relative Standard Error:	9.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	1.0	0.389615	250.0	424137.0	0.389615	Y
3	STD1 460-795604/5	2.0	0.811246	250.0	416643.0	0.405623	Y
4	STD5 460-795604/6	10.0	4.940052	250.0	423781.0	0.494005	Y
5	STD20 460-795604/7	40.0	18.801964	250.0	434077.0	0.470049	Y
6	STD50 460-795604/8	100.0	47.377023	250.0	408410.0	0.47377	Y
7	STD200 460-795604/9	400.0	195.179298	250.0	382994.0	0.487948	Y
8	STD500 460-795604/10	1000.0	476.105014	250.0	338774.0	0.476105	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

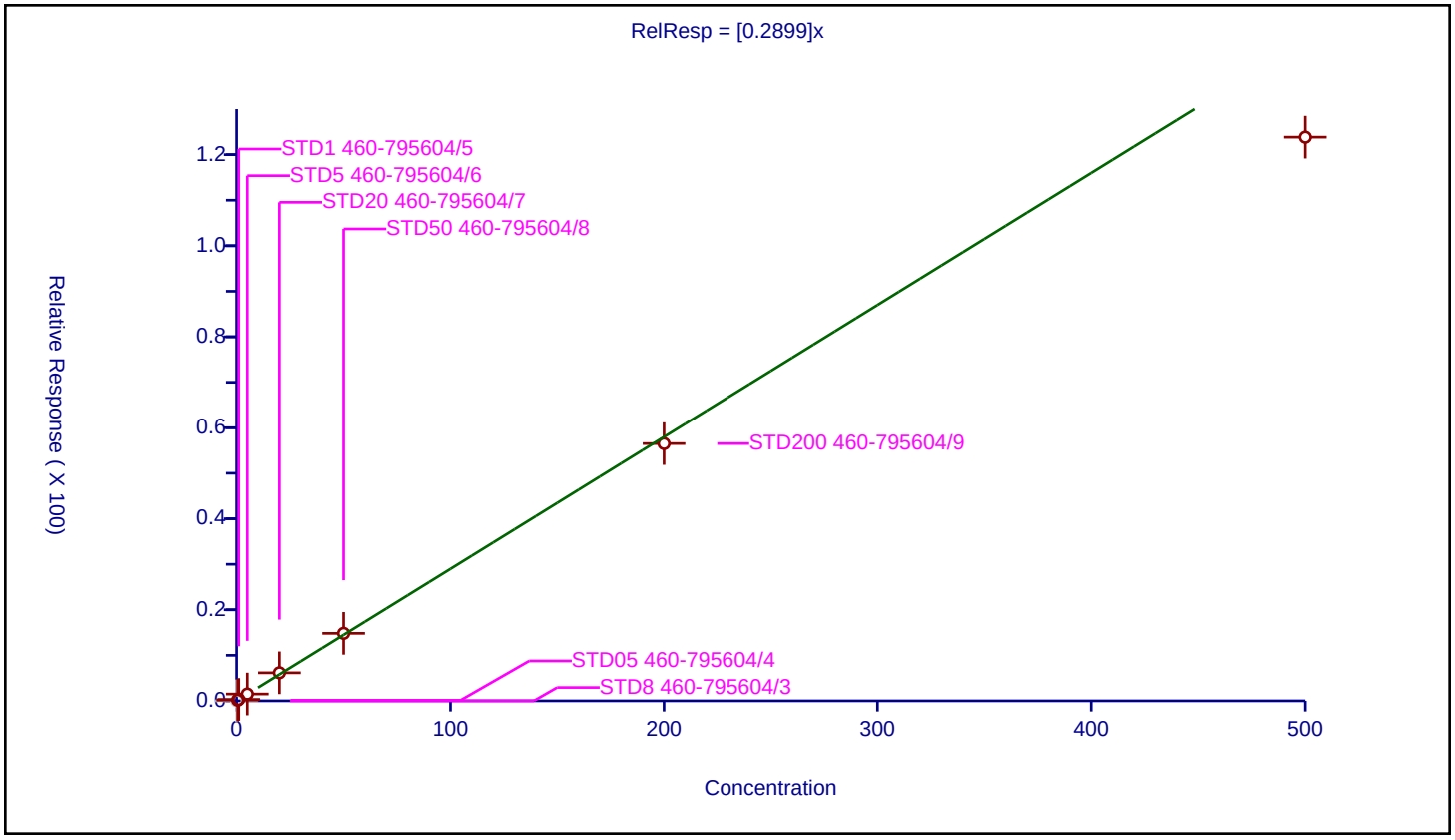
Curve Coefficients

Intercept:	0
Slope:	0.2899

Error Coefficients

Standard Error:	618000
Relative Standard Error:	7.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.144062	50.0	634798.0	0.288123	Y
3	STD1 460-795604/5	1.0	0.307391	50.0	632256.0	0.307391	Y
4	STD5 460-795604/6	5.0	1.497213	50.0	632108.0	0.299443	Y
5	STD20 460-795604/7	20.0	6.156202	50.0	623014.0	0.30781	Y
6	STD50 460-795604/8	50.0	14.829559	50.0	605898.0	0.296591	Y
7	STD200 460-795604/9	200.0	56.521773	50.0	582840.0	0.282609	Y
8	STD500 460-795604/10	500.0	123.83643	50.0	544402.0	0.247673	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

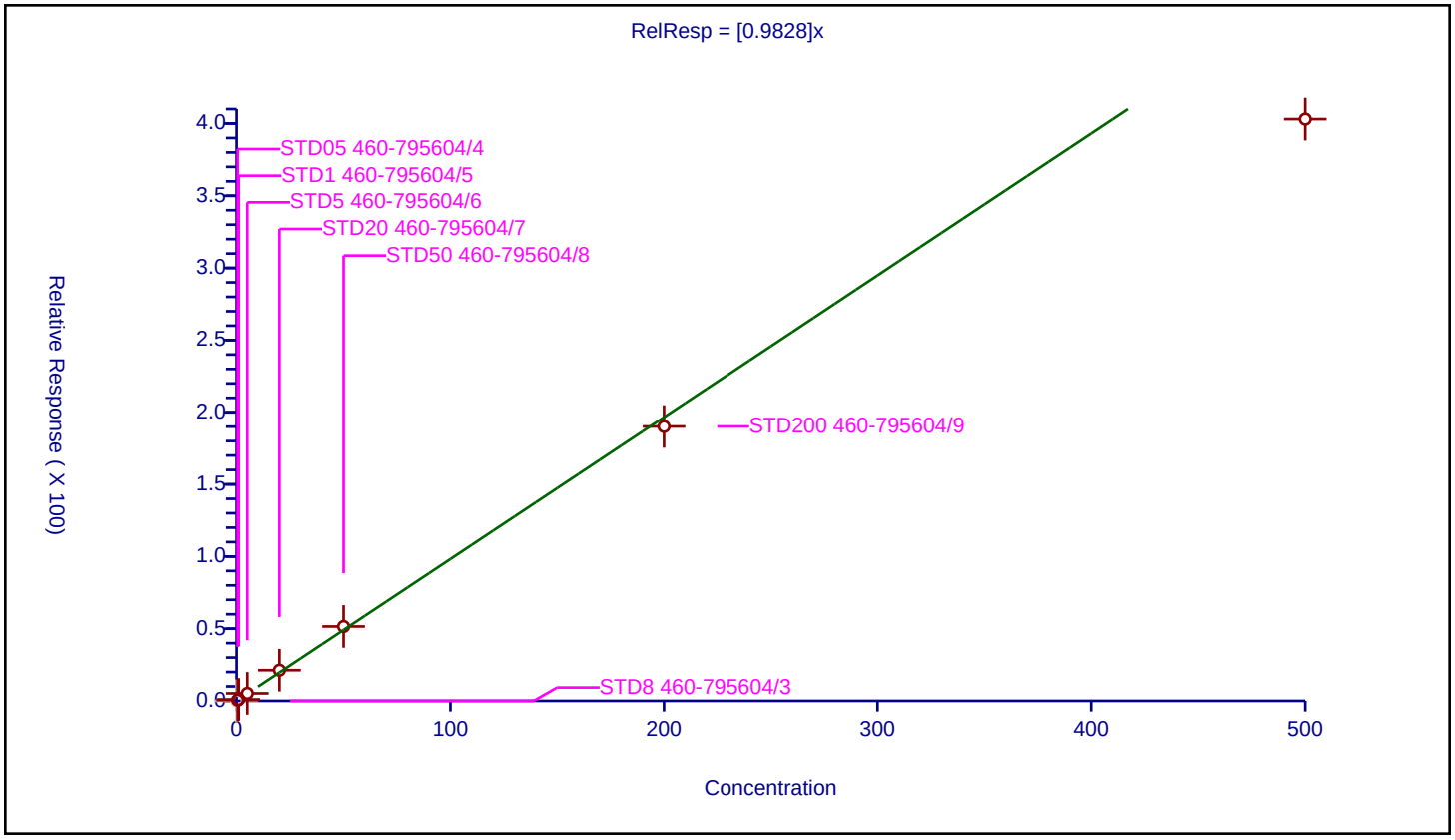
Curve Coefficients

Intercept:	0
Slope:	0.9828

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	8.8
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.499529	50.0	634798.0	0.999058	Y
3	STD1 460-795604/5	1.0	0.99145	50.0	632256.0	0.99145	Y
4	STD5 460-795604/6	5.0	5.194998	50.0	632108.0	1.039	Y
5	STD20 460-795604/7	20.0	21.251689	50.0	623014.0	1.062584	Y
6	STD50 460-795604/8	50.0	51.545062	50.0	605898.0	1.030901	Y
7	STD200 460-795604/9	200.0	190.123104	50.0	582840.0	0.950616	Y
8	STD500 460-795604/10	500.0	403.046278	50.0	544402.0	0.806093	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

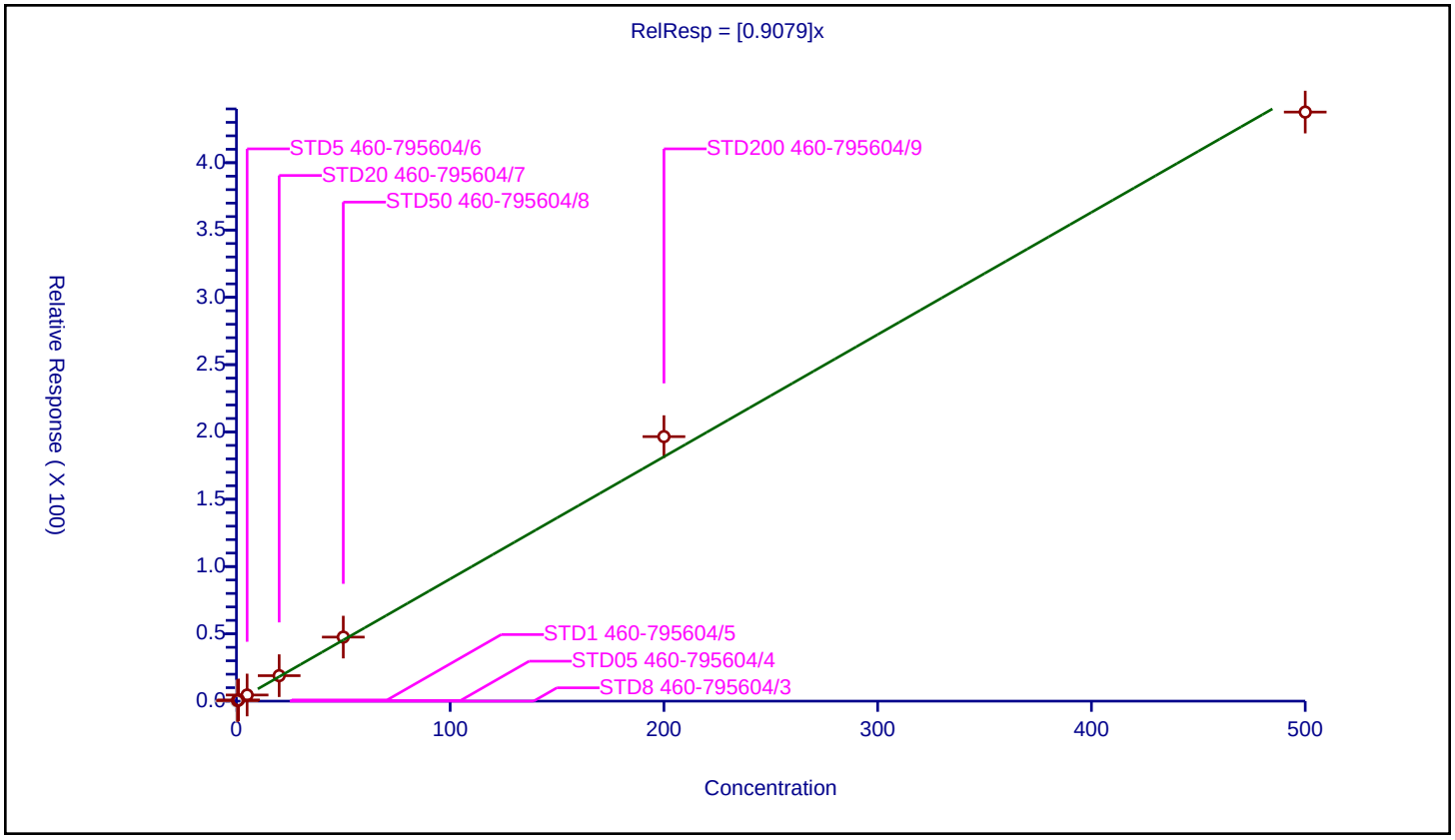
Curve Coefficients

Intercept:	0
Slope:	0.9079

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	6.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.407925	50.0	634798.0	0.81585	Y
3	STD1 460-795604/5	1.0	0.872036	50.0	632256.0	0.872036	Y
4	STD5 460-795604/6	5.0	4.557133	50.0	632108.0	0.911427	Y
5	STD20 460-795604/7	20.0	18.922849	50.0	623014.0	0.946142	Y
6	STD50 460-795604/8	50.0	47.580038	50.0	605898.0	0.951601	Y
7	STD200 460-795604/9	200.0	196.521858	50.0	582840.0	0.982609	Y
8	STD500 460-795604/10	500.0	437.644057	50.0	544402.0	0.875288	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

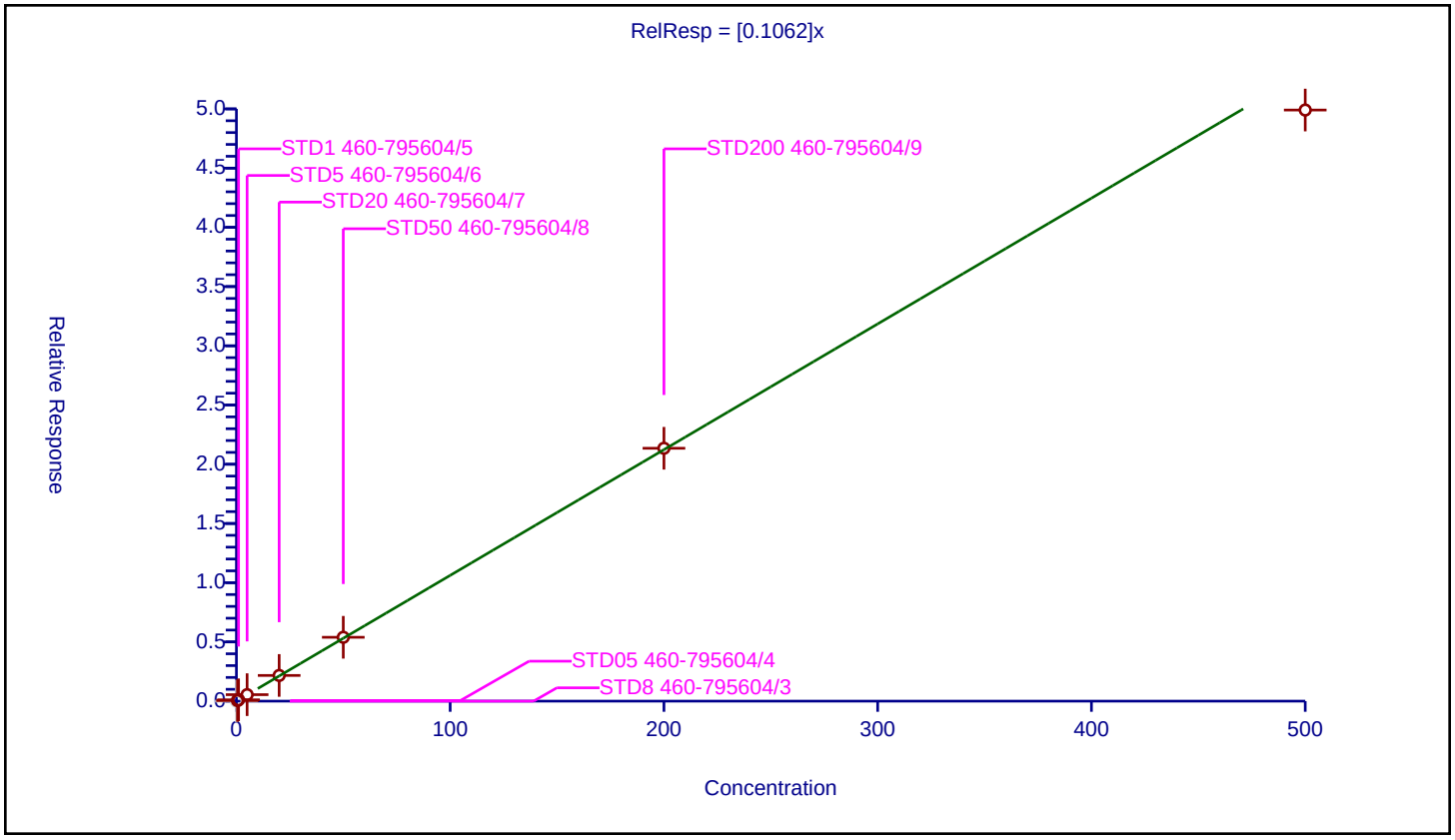
Curve Coefficients

Intercept:	0
Slope:	0.1062

Error Coefficients

Standard Error:	246000
Relative Standard Error:	4.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.049622	50.0	634798.0	0.099244	Y
3	STD1 460-795604/5	1.0	0.111743	50.0	632256.0	0.111743	Y
4	STD5 460-795604/6	5.0	0.546742	50.0	632108.0	0.109348	Y
5	STD20 460-795604/7	20.0	2.16833	50.0	623014.0	0.108417	Y
6	STD50 460-795604/8	50.0	5.390594	50.0	605898.0	0.107812	Y
7	STD200 460-795604/9	200.0	21.349255	50.0	582840.0	0.106746	Y
8	STD500 460-795604/10	500.0	49.903564	50.0	544402.0	0.099807	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

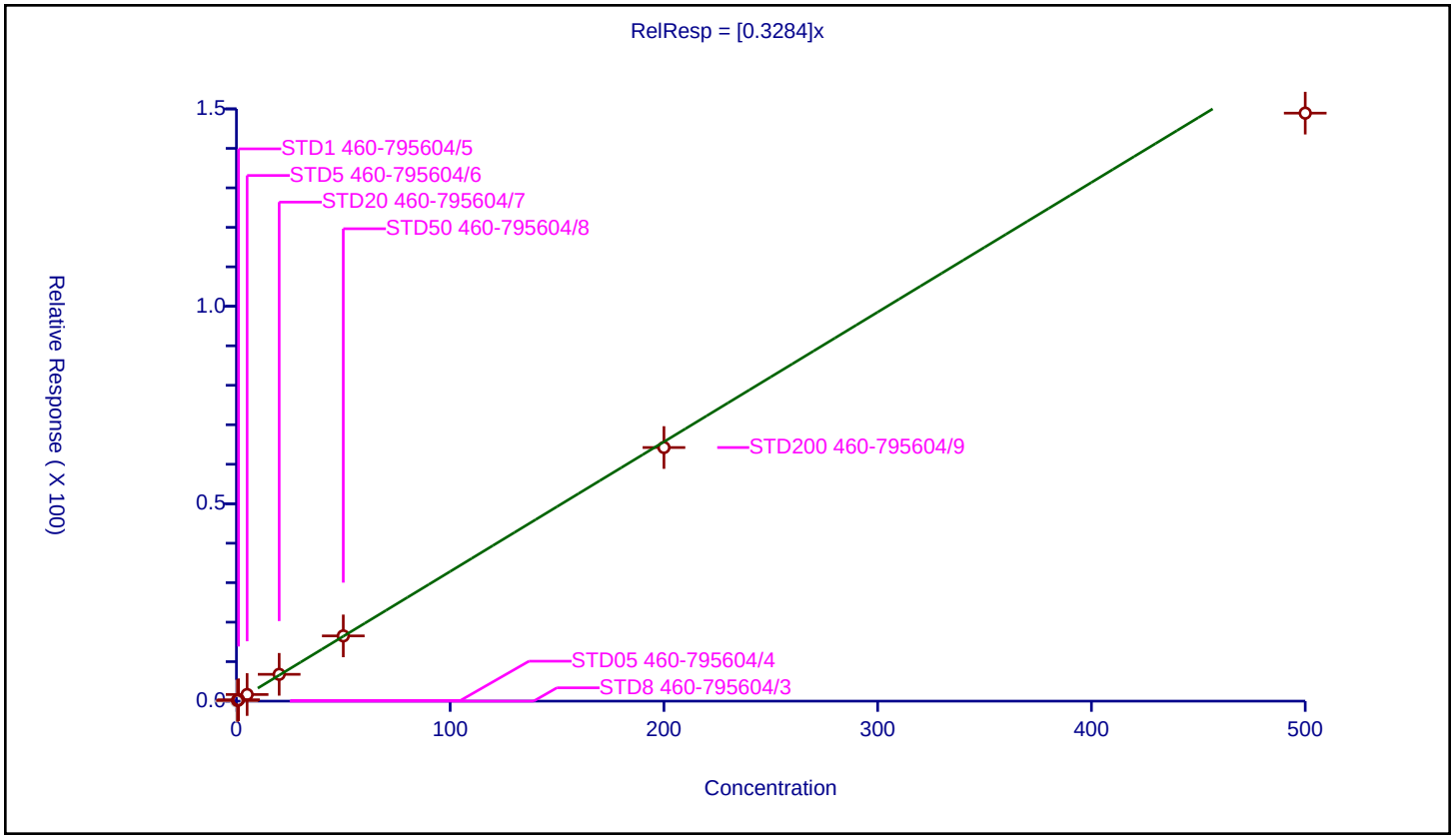
Curve Coefficients

Intercept:	0
Slope:	0.3284

Error Coefficients

Standard Error:	735000
Relative Standard Error:	4.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.163202	50.0	634798.0	0.326403	Y
3	STD1 460-795604/5	1.0	0.348593	50.0	632256.0	0.348593	Y
4	STD5 460-795604/6	5.0	1.67503	50.0	632108.0	0.335006	Y
5	STD20 460-795604/7	20.0	6.789815	50.0	623014.0	0.339491	Y
6	STD50 460-795604/8	50.0	16.525141	50.0	605898.0	0.330503	Y
7	STD200 460-795604/9	200.0	64.237698	50.0	582840.0	0.321188	Y
8	STD500 460-795604/10	500.0	148.929743	50.0	544402.0	0.297859	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

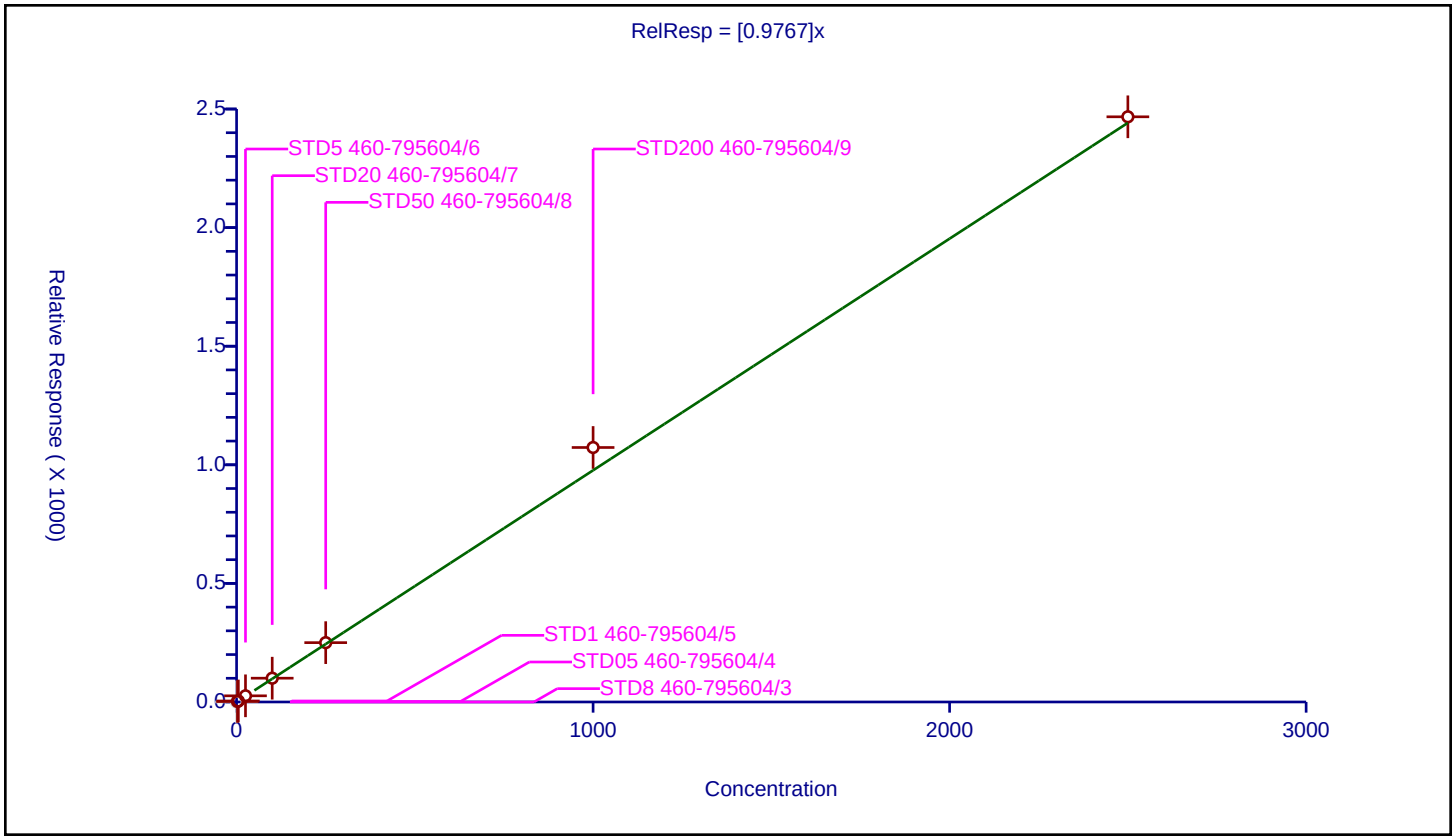
Curve Coefficients

Intercept:	0
Slope:	0.9767

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	8.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	2.5	2.212728	250.0	424137.0	0.885091	Y
3	STD1 460-795604/5	5.0	4.22784	250.0	416643.0	0.845568	Y
4	STD5 460-795604/6	25.0	26.035263	250.0	423781.0	1.041411	Y
5	STD20 460-795604/7	100.0	100.388871	250.0	434077.0	1.003889	Y
6	STD50 460-795604/8	250.0	250.219143	250.0	408410.0	1.000877	Y
7	STD200 460-795604/9	1000.0	1073.007671	250.0	382994.0	1.073008	Y
8	STD500 460-795604/10	2500.0	2467.137384	250.0	338774.0	0.986855	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

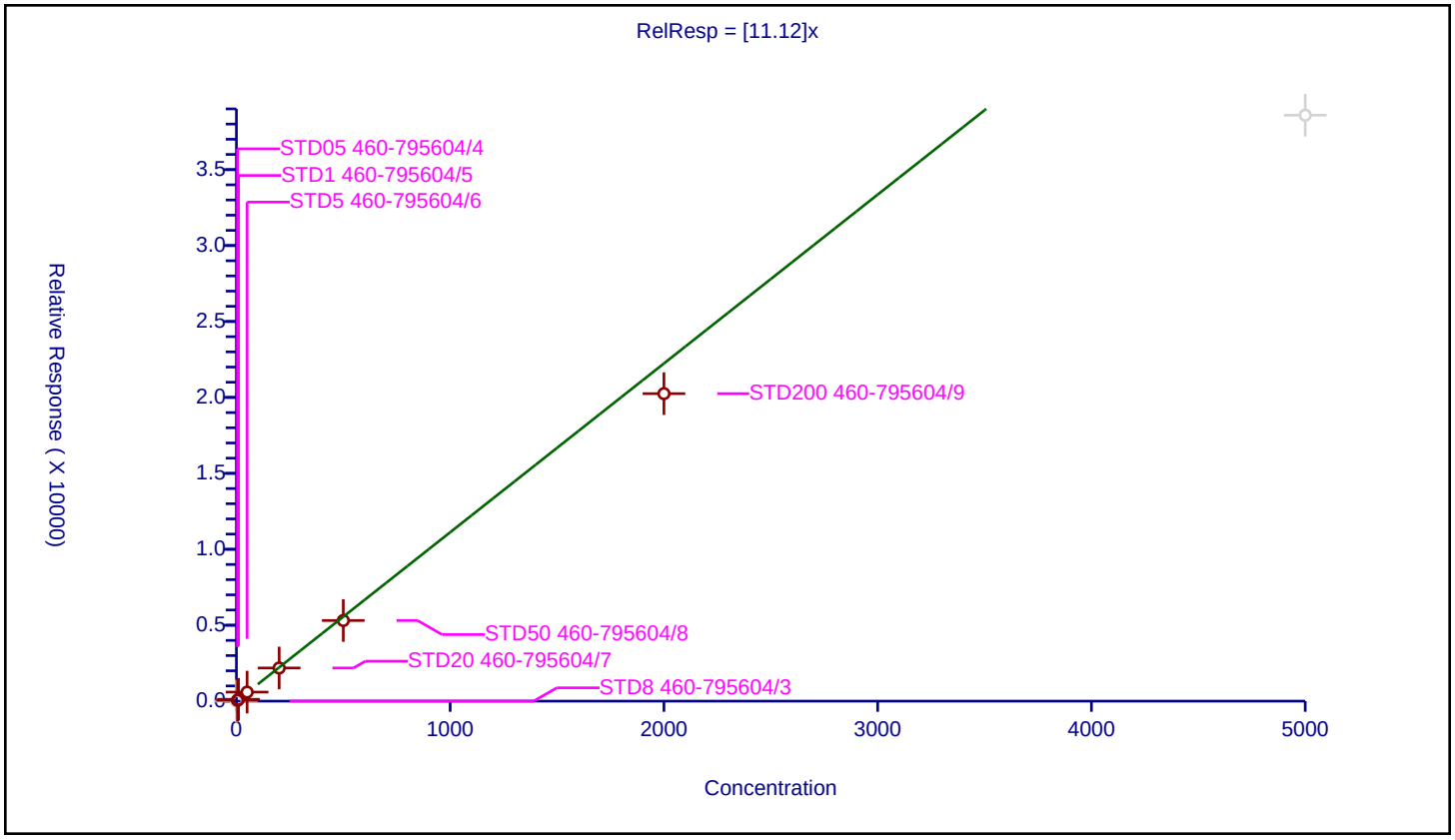
Curve Coefficients

Intercept:	0
Slope:	11.12

Error Coefficients

Standard Error:	507000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	5.0	55.806077	1000.0	52557.0	11.161215	Y
3	STD1 460-795604/5	10.0	119.853257	1000.0	51246.0	11.985326	Y
4	STD5 460-795604/6	50.0	595.236714	1000.0	51729.0	11.904734	Y
5	STD20 460-795604/7	200.0	2183.218484	1000.0	56741.0	10.916092	Y
6	STD50 460-795604/8	500.0	5309.102997	1000.0	54147.0	10.618206	Y
7	STD200 460-795604/9	2000.0	20250.009087	1000.0	55022.0	10.125005	Y
8	STD500 460-795604/10	5000.0	38584.412393	1000.0	65103.0	7.716882	N



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

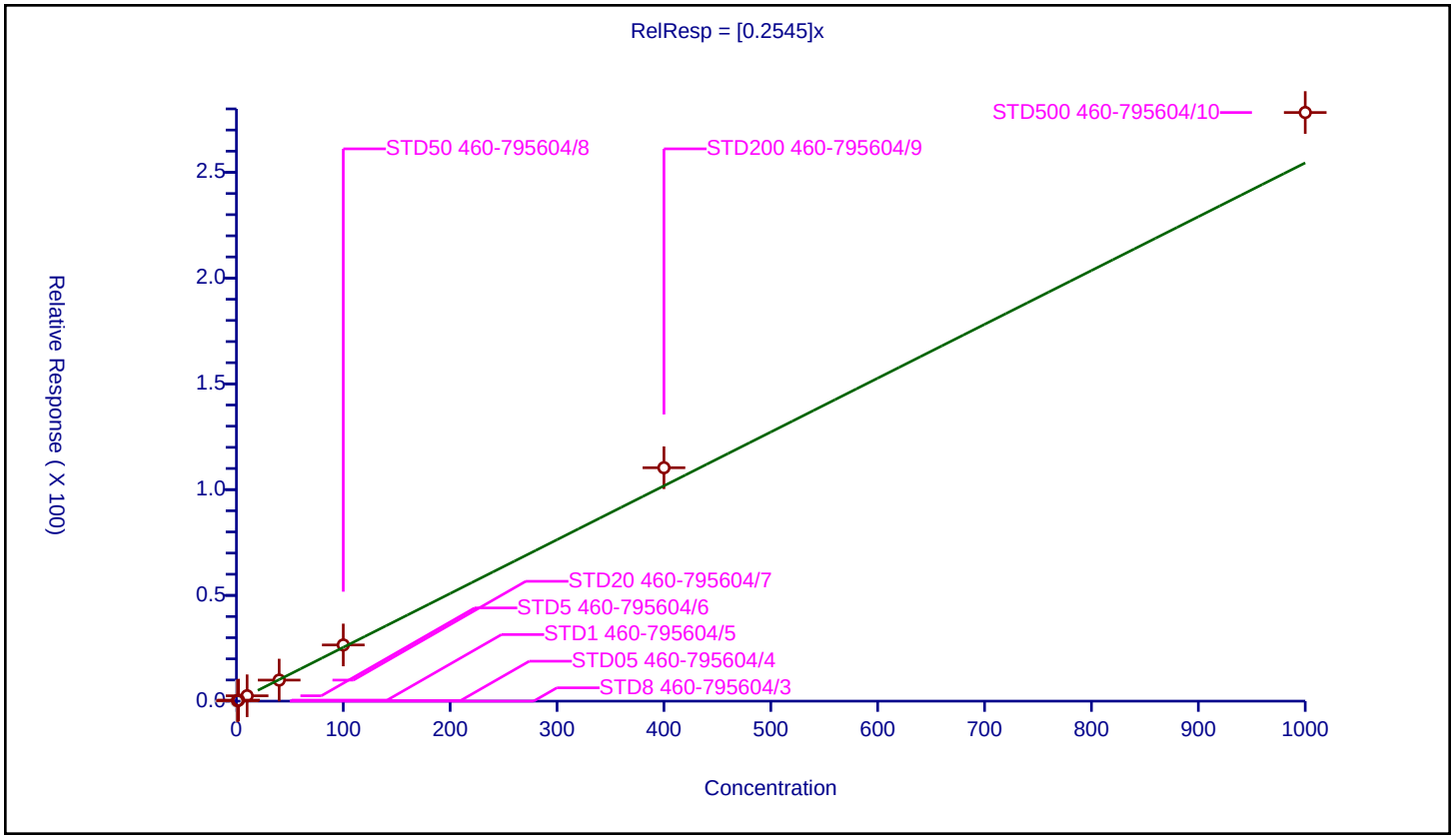
Curve Coefficients

Intercept:	0
Slope:	0.2545

Error Coefficients

Standard Error:	170000
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 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	1.0	0.21809	250.0	424137.0	0.21809	Y
3	STD1 460-795604/5	2.0	0.483027	250.0	416643.0	0.241514	Y
4	STD5 460-795604/6	10.0	2.531968	250.0	423781.0	0.253197	Y
5	STD20 460-795604/7	40.0	9.952151	250.0	434077.0	0.248804	Y
6	STD50 460-795604/8	100.0	26.556647	250.0	408410.0	0.265566	Y
7	STD200 460-795604/9	400.0	110.343765	250.0	382994.0	0.275859	Y
8	STD500 460-795604/10	1000.0	278.293198	250.0	338774.0	0.278293	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

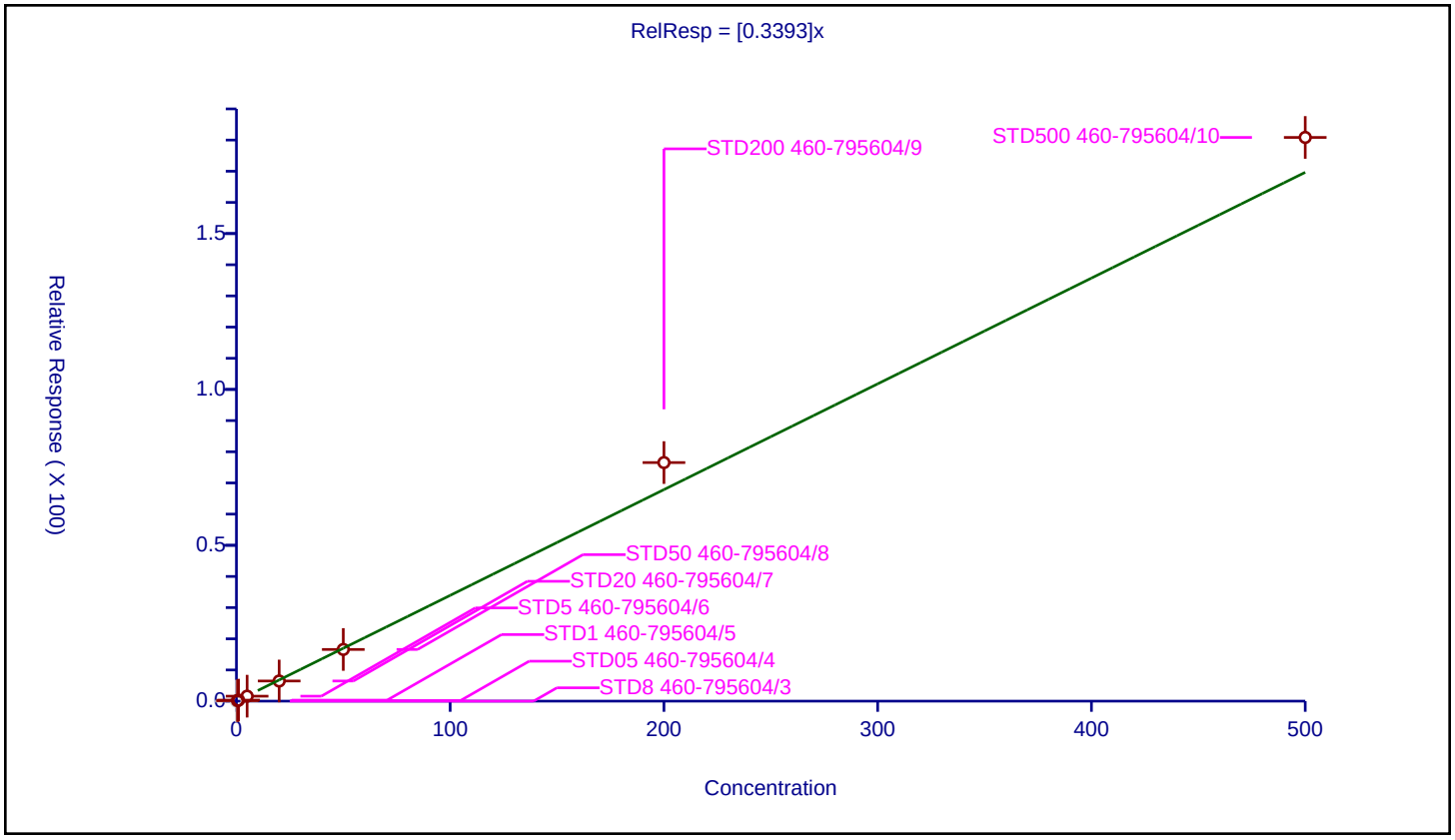
Curve Coefficients

Intercept:	0
Slope:	0.3393

Error Coefficients

Standard Error:	887000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.167455	50.0	634798.0	0.33491	Y
3	STD1 460-795604/5	1.0	0.322021	50.0	632256.0	0.322021	Y
4	STD5 460-795604/6	5.0	1.595693	50.0	632108.0	0.319139	Y
5	STD20 460-795604/7	20.0	6.461332	50.0	623014.0	0.323067	Y
6	STD50 460-795604/8	50.0	16.577543	50.0	605898.0	0.331551	Y
7	STD200 460-795604/9	200.0	76.533783	50.0	582840.0	0.382669	Y
8	STD500 460-795604/10	500.0	180.84118	50.0	544402.0	0.361682	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

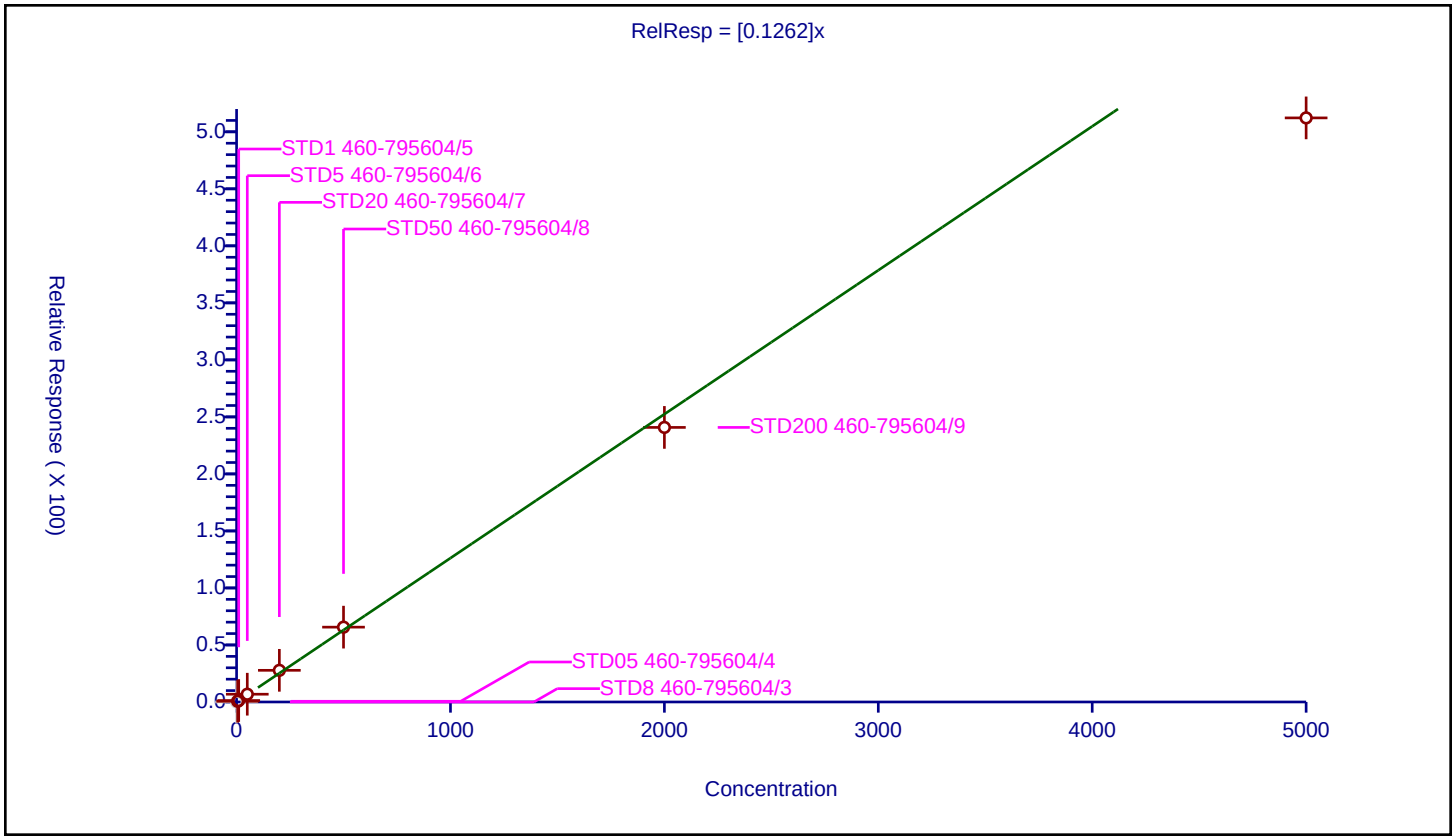
Curve Coefficients

Intercept:	0
Slope:	0.1262

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	9.7
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	5.0	0.630909	50.0	634798.0	0.126182	Y
3	STD1 460-795604/5	10.0	1.278359	50.0	632256.0	0.127836	Y
4	STD5 460-795604/6	50.0	6.824388	50.0	632108.0	0.136488	Y
5	STD20 460-795604/7	200.0	27.75981	50.0	623014.0	0.138799	Y
6	STD50 460-795604/8	500.0	65.623917	50.0	605898.0	0.131248	Y
7	STD200 460-795604/9	2000.0	240.776457	50.0	582840.0	0.120388	Y
8	STD500 460-795604/10	5000.0	512.205686	50.0	544402.0	0.102441	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

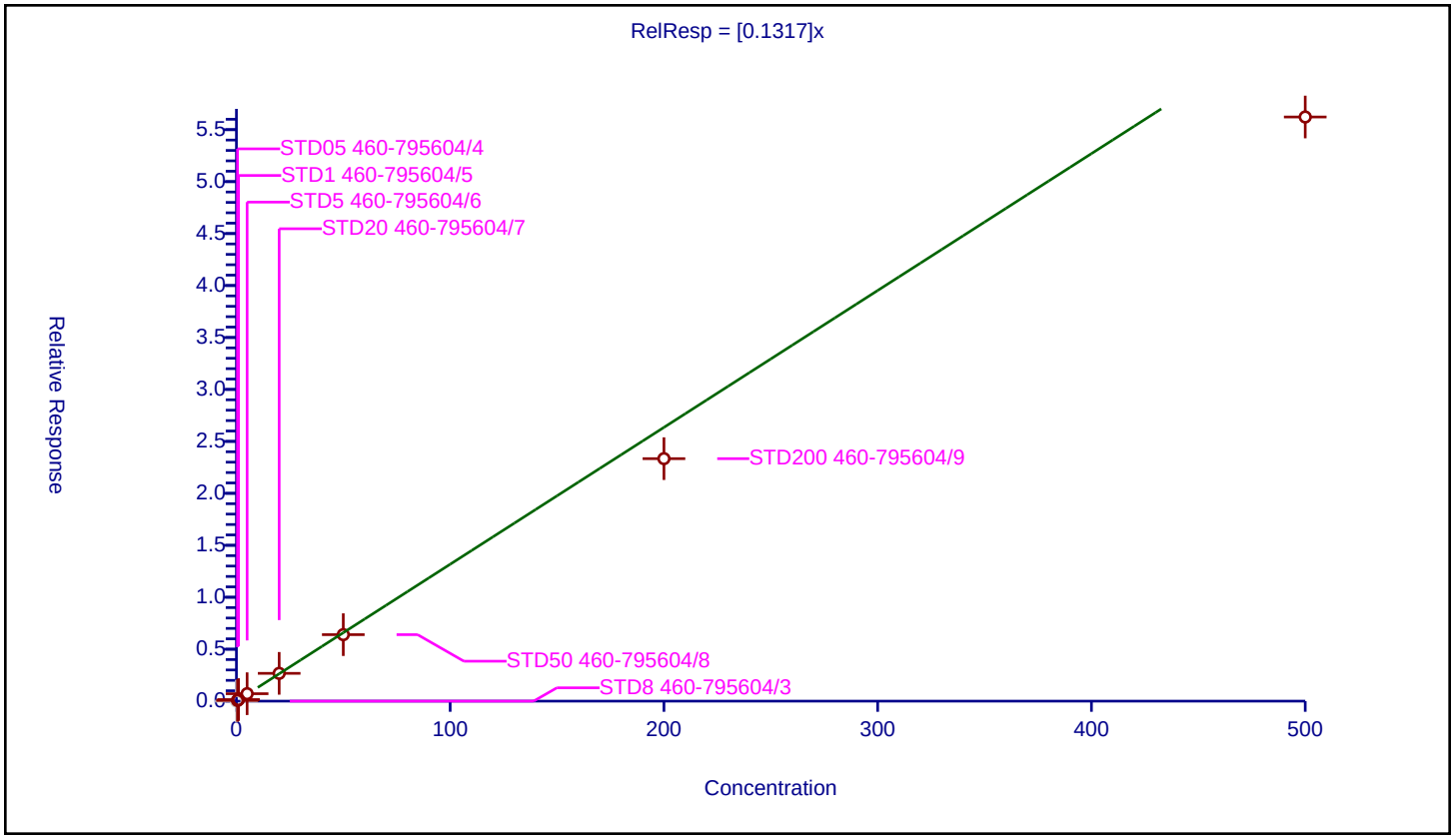
Curve Coefficients

Intercept:	0
Slope:	0.1317

Error Coefficients

Standard Error:	276000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.068998	50.0	634798.0	0.137997	Y
3	STD1 460-795604/5	1.0	0.150256	50.0	632256.0	0.150256	Y
4	STD5 460-795604/6	5.0	0.715384	50.0	632108.0	0.143077	Y
5	STD20 460-795604/7	20.0	2.674498	50.0	623014.0	0.133725	Y
6	STD50 460-795604/8	50.0	6.400252	50.0	605898.0	0.128005	Y
7	STD200 460-795604/9	200.0	23.338481	50.0	582840.0	0.116692	Y
8	STD500 460-795604/10	500.0	56.21976	50.0	544402.0	0.11244	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

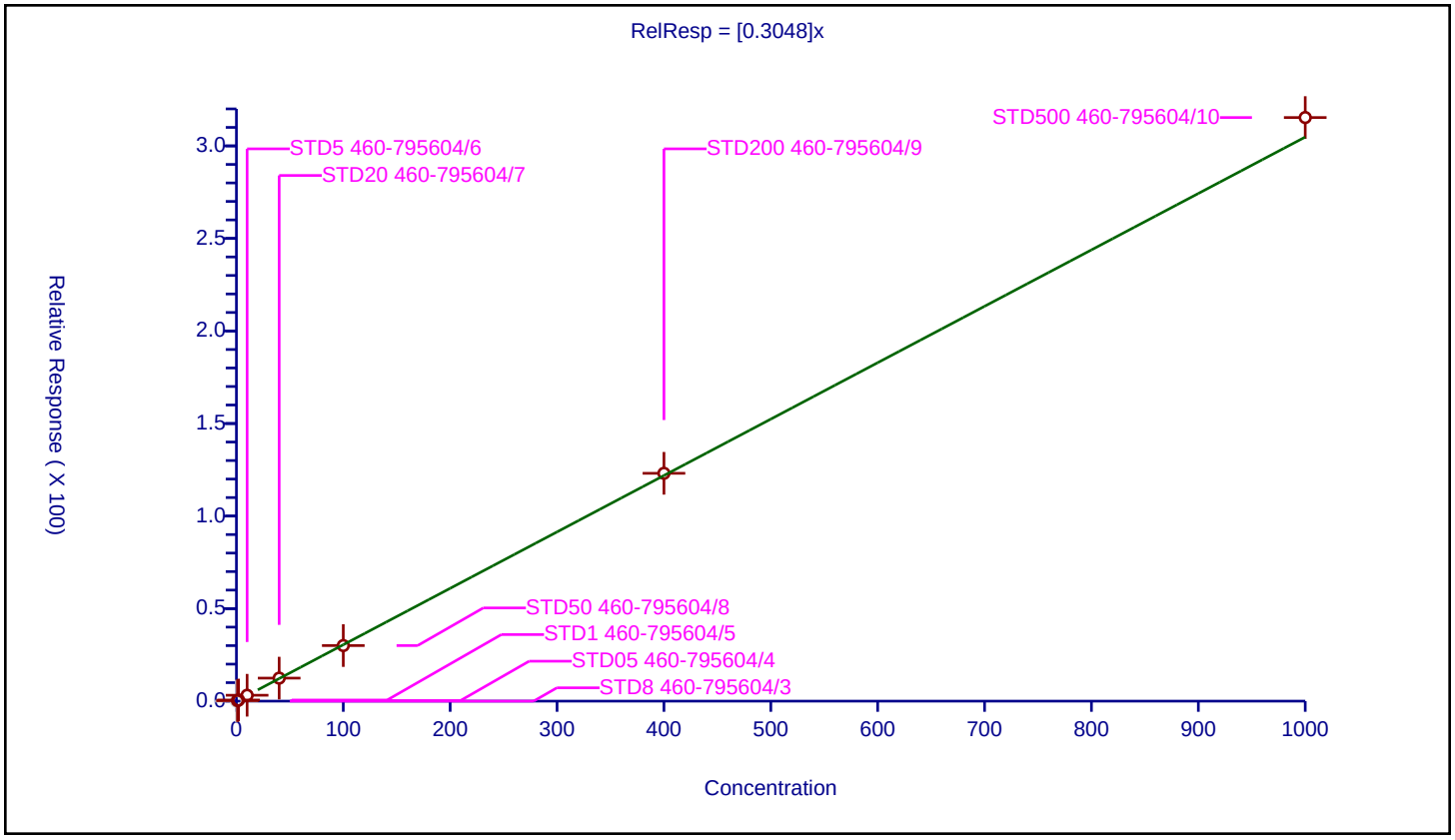
Curve Coefficients

Intercept:	0
Slope:	0.3048

Error Coefficients

Standard Error:	192000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	1.0	0.285285	250.0	424137.0	0.285285	Y
3	STD1 460-795604/5	2.0	0.591634	250.0	416643.0	0.295817	Y
4	STD5 460-795604/6	10.0	3.180298	250.0	423781.0	0.31803	Y
5	STD20 460-795604/7	40.0	12.440189	250.0	434077.0	0.311005	Y
6	STD50 460-795604/8	100.0	30.021302	250.0	408410.0	0.300213	Y
7	STD200 460-795604/9	400.0	123.105714	250.0	382994.0	0.307764	Y
8	STD500 460-795604/10	1000.0	315.324523	250.0	338774.0	0.315325	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

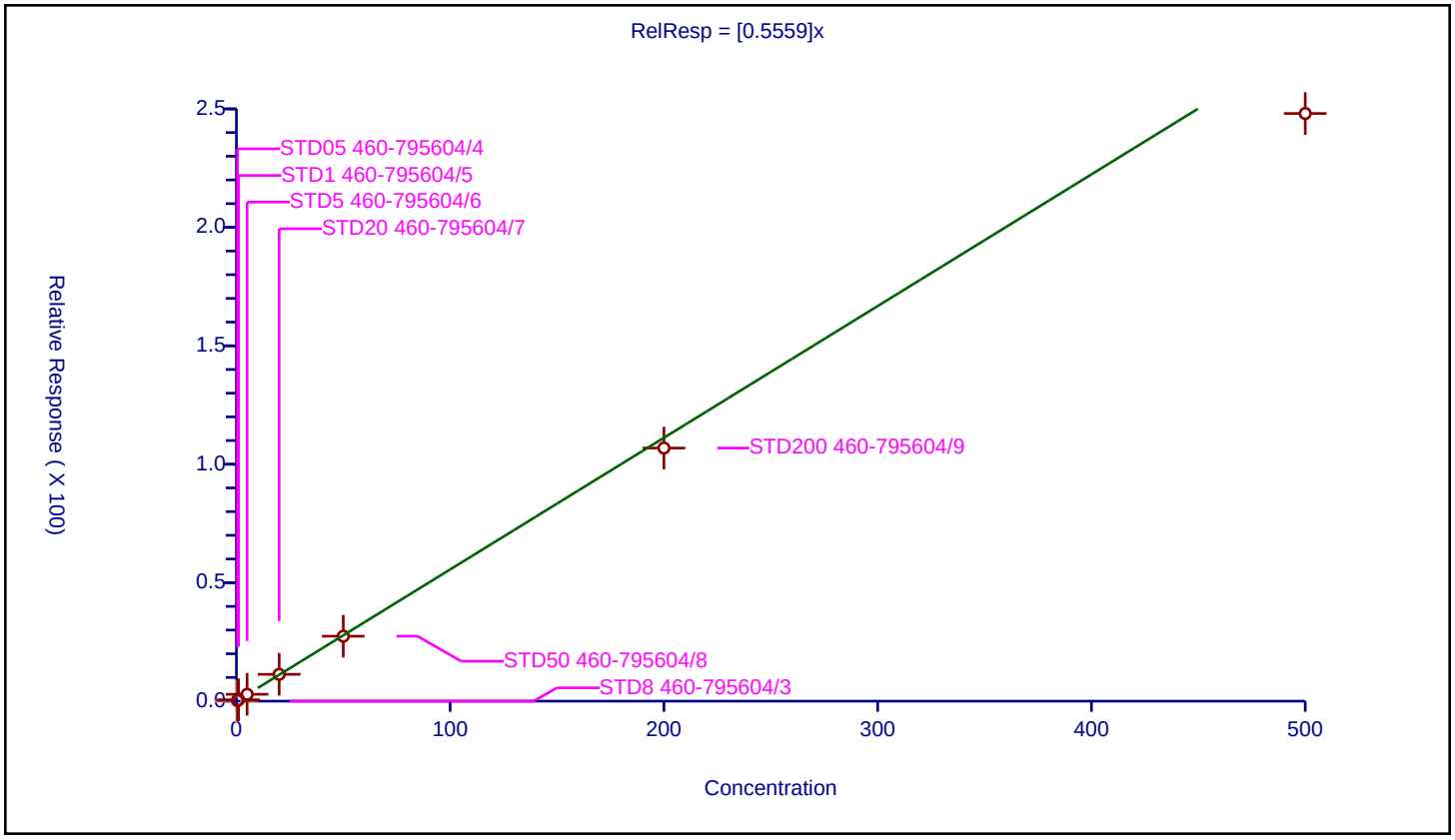
Curve Coefficients

Intercept:	0
Slope:	0.5559

Error Coefficients

Standard Error:	1220000
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 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.292061	50.0	634798.0	0.584123	Y
3	STD1 460-795604/5	1.0	0.582122	50.0	632256.0	0.582122	Y
4	STD5 460-795604/6	5.0	2.899505	50.0	632108.0	0.579901	Y
5	STD20 460-795604/7	20.0	11.331206	50.0	623014.0	0.56656	Y
6	STD50 460-795604/8	50.0	27.409977	50.0	605898.0	0.5482	Y
7	STD200 460-795604/9	200.0	106.838927	50.0	582840.0	0.534195	Y
8	STD500 460-795604/10	500.0	248.059155	50.0	544402.0	0.496118	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

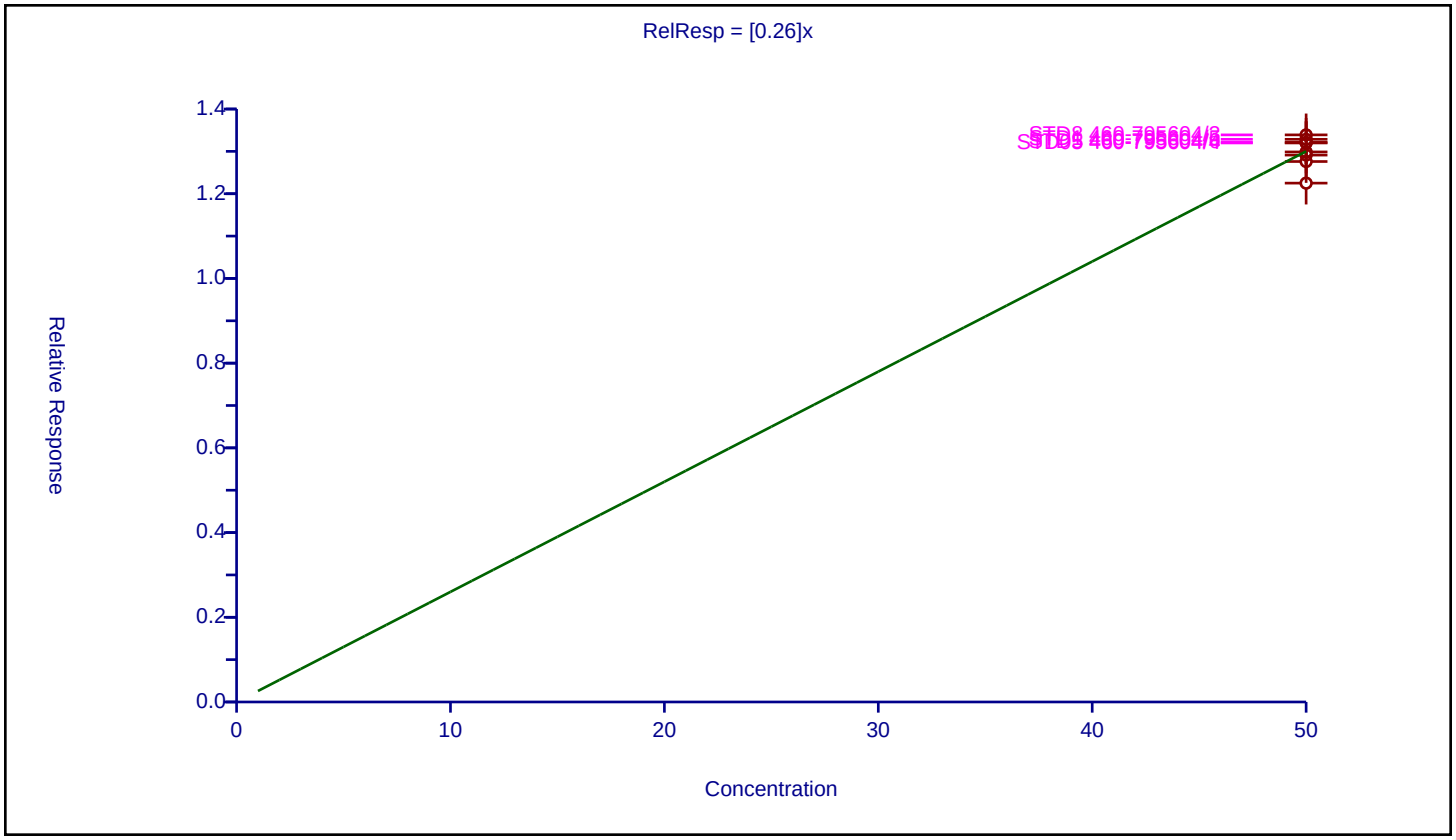
Curve Coefficients

Intercept:	0
Slope:	0.26

Error Coefficients

Standard Error:	171000
Relative Standard Error:	2.8
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	50.0	13.389577	50.0	634852.0	0.267792	Y
2	STD05 460-795604/4	50.0	13.198293	50.0	634798.0	0.263966	Y
3	STD1 460-795604/5	50.0	13.28473	50.0	632256.0	0.265695	Y
4	STD5 460-795604/6	50.0	13.212062	50.0	632108.0	0.264241	Y
5	STD20 460-795604/7	50.0	12.986867	50.0	623014.0	0.259737	Y
6	STD50 460-795604/8	50.0	12.912239	50.0	605898.0	0.258245	Y
7	STD200 460-795604/9	50.0	12.760535	50.0	582840.0	0.255211	Y
8	STD500 460-795604/10	50.0	12.250414	50.0	544402.0	0.245008	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

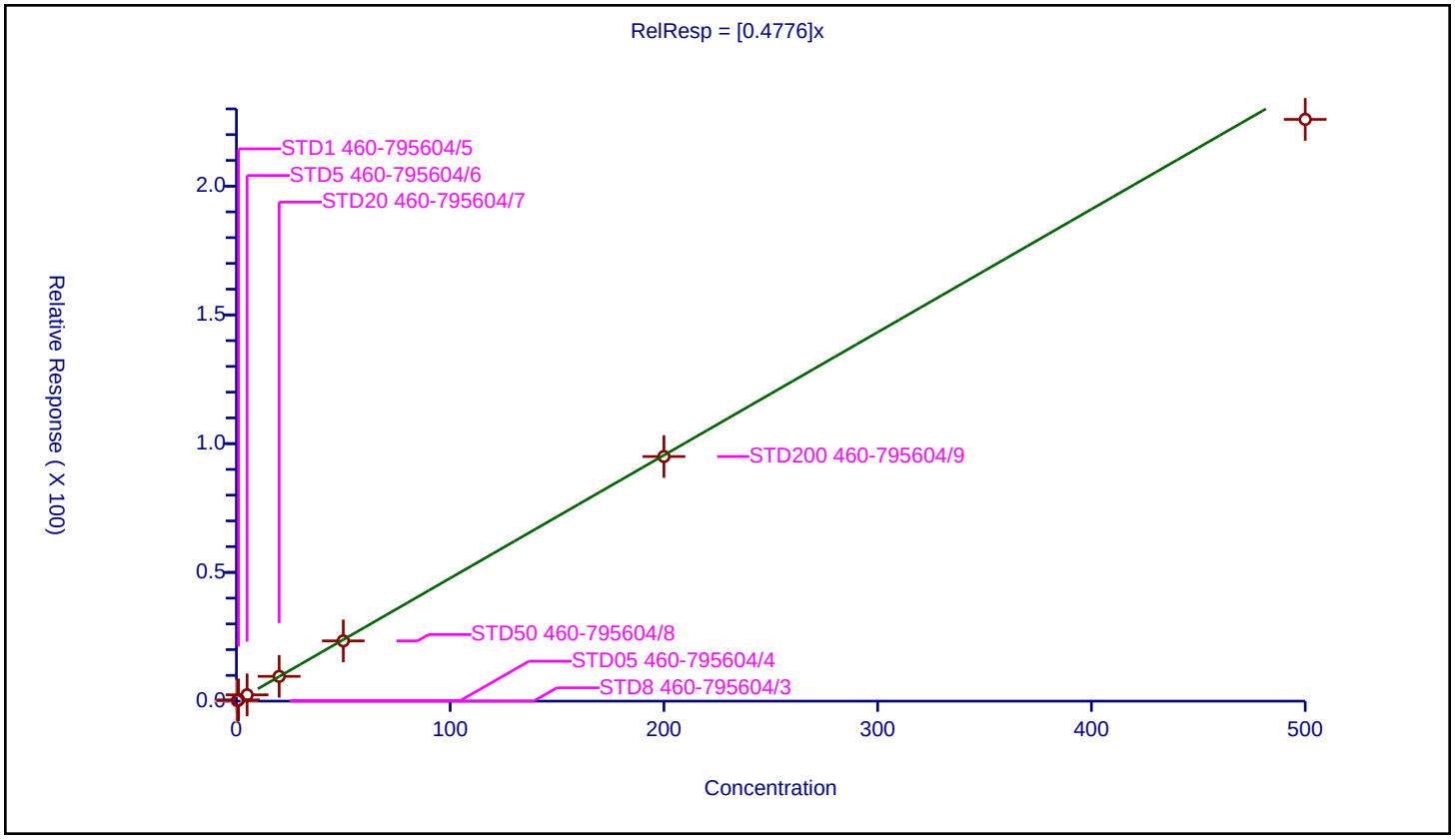
Curve Coefficients

Intercept:	0
Slope:	0.4776

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.237398	50.0	634798.0	0.474797	Y
3	STD1 460-795604/5	1.0	0.500905	50.0	632256.0	0.500905	Y
4	STD5 460-795604/6	5.0	2.456147	50.0	632108.0	0.491229	Y
5	STD20 460-795604/7	20.0	9.624503	50.0	623014.0	0.481225	Y
6	STD50 460-795604/8	50.0	23.400721	50.0	605898.0	0.468014	Y
7	STD200 460-795604/9	200.0	95.000257	50.0	582840.0	0.475001	Y
8	STD500 460-795604/10	500.0	225.923215	50.0	544402.0	0.451846	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

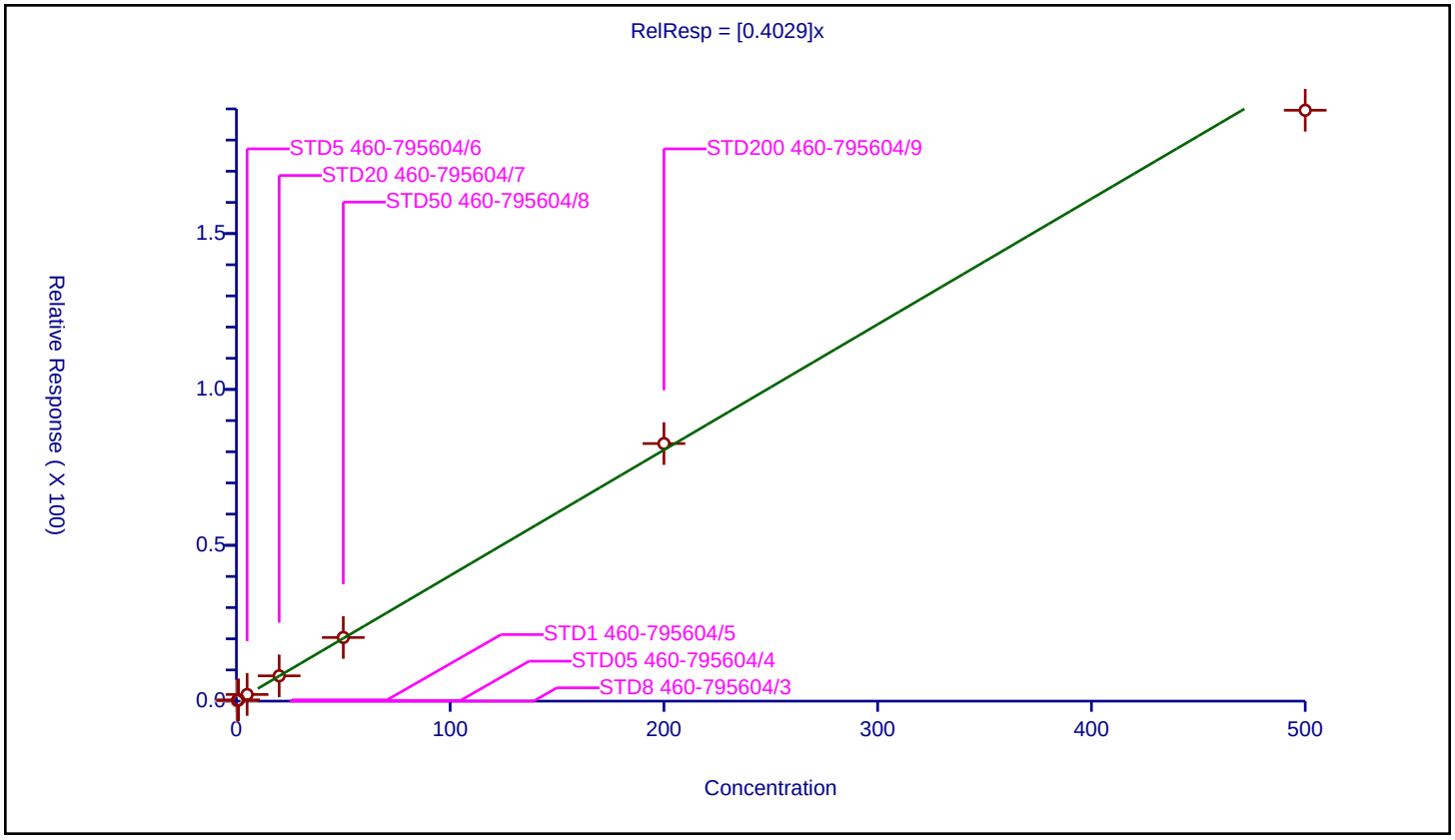
Curve Coefficients

Intercept:	0
Slope:	0.4029

Error Coefficients

Standard Error:	936000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.192896	50.0	634798.0	0.385792	Y
3	STD1 460-795604/5	1.0	0.401578	50.0	632256.0	0.401578	Y
4	STD5 460-795604/6	5.0	2.13405	50.0	632108.0	0.42681	Y
5	STD20 460-795604/7	20.0	8.111455	50.0	623014.0	0.405573	Y
6	STD50 460-795604/8	50.0	20.417711	50.0	605898.0	0.408354	Y
7	STD200 460-795604/9	200.0	82.637173	50.0	582840.0	0.413186	Y
8	STD500 460-795604/10	500.0	189.564697	50.0	544402.0	0.379129	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

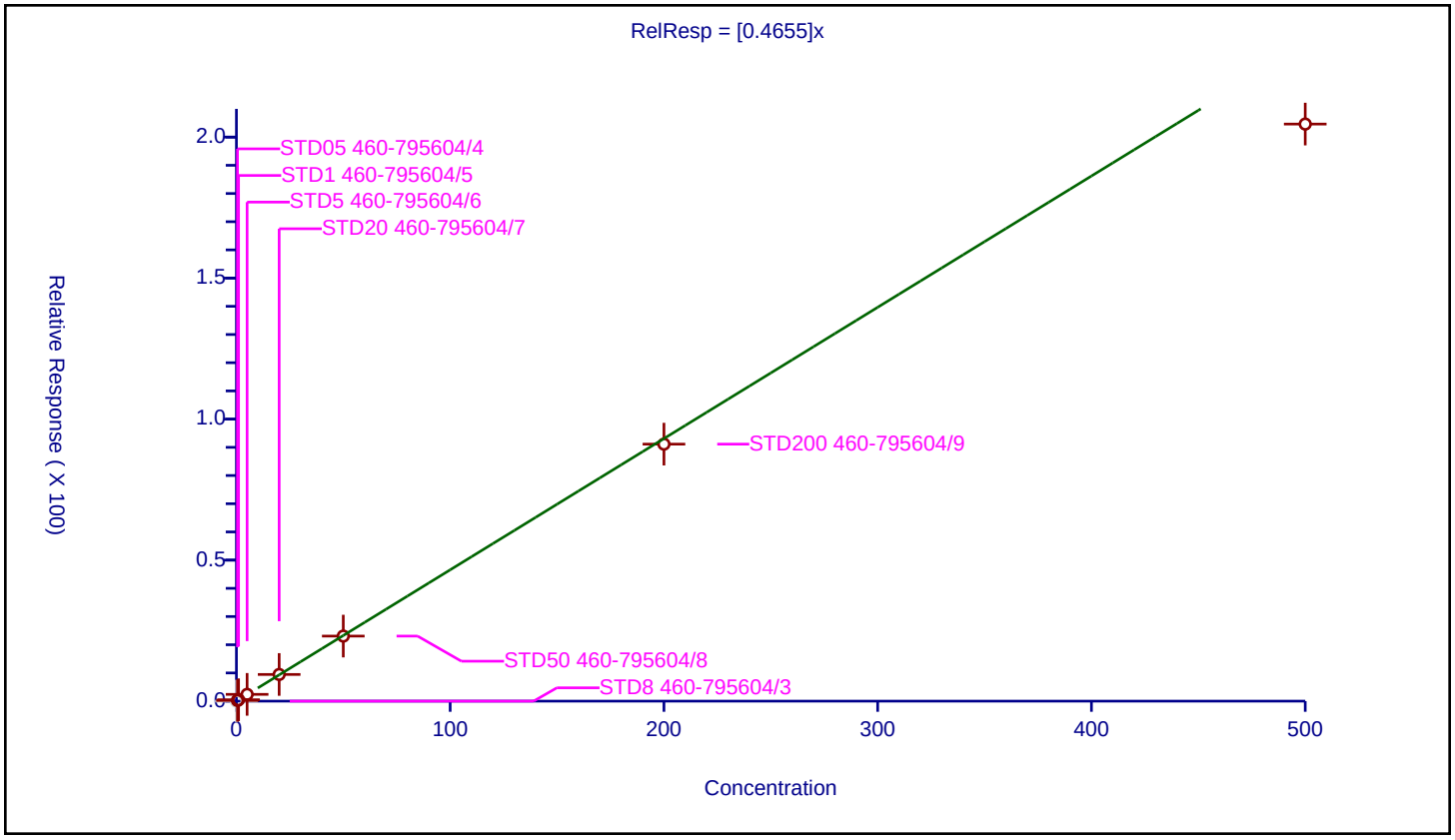
Curve Coefficients

Intercept:	0
Slope:	0.4655

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	6.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.247008	50.0	634798.0	0.494015	Y
3	STD1 460-795604/5	1.0	0.485009	50.0	632256.0	0.485009	Y
4	STD5 460-795604/6	5.0	2.4022	50.0	632108.0	0.48044	Y
5	STD20 460-795604/7	20.0	9.456208	50.0	623014.0	0.47281	Y
6	STD50 460-795604/8	50.0	23.06956	50.0	605898.0	0.461391	Y
7	STD200 460-795604/9	200.0	91.130156	50.0	582840.0	0.455651	Y
8	STD500 460-795604/10	500.0	204.614421	50.0	544402.0	0.409229	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

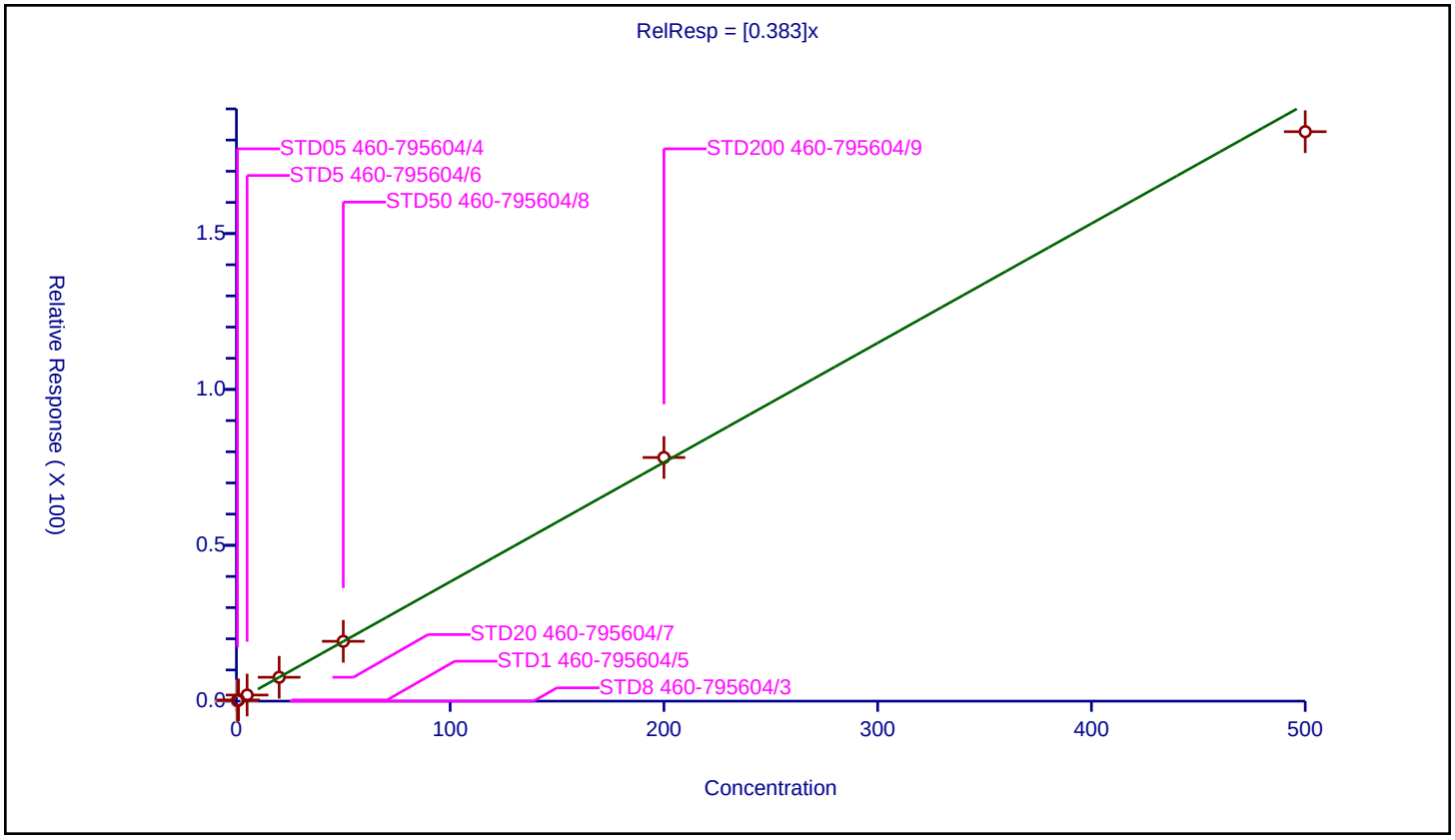
Curve Coefficients

Intercept:	0
Slope:	0.383

Error Coefficients

Standard Error:	899000
Relative Standard Error:	2.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.192738	50.0	634798.0	0.385477	Y
3	STD1 460-795604/5	1.0	0.379593	50.0	632256.0	0.379593	Y
4	STD5 460-795604/6	5.0	1.964221	50.0	632108.0	0.392844	Y
5	STD20 460-795604/7	20.0	7.660101	50.0	623014.0	0.383005	Y
6	STD50 460-795604/8	50.0	19.197703	50.0	605898.0	0.383954	Y
7	STD200 460-795604/9	200.0	78.161845	50.0	582840.0	0.390809	Y
8	STD500 460-795604/10	500.0	182.688712	50.0	544402.0	0.365377	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

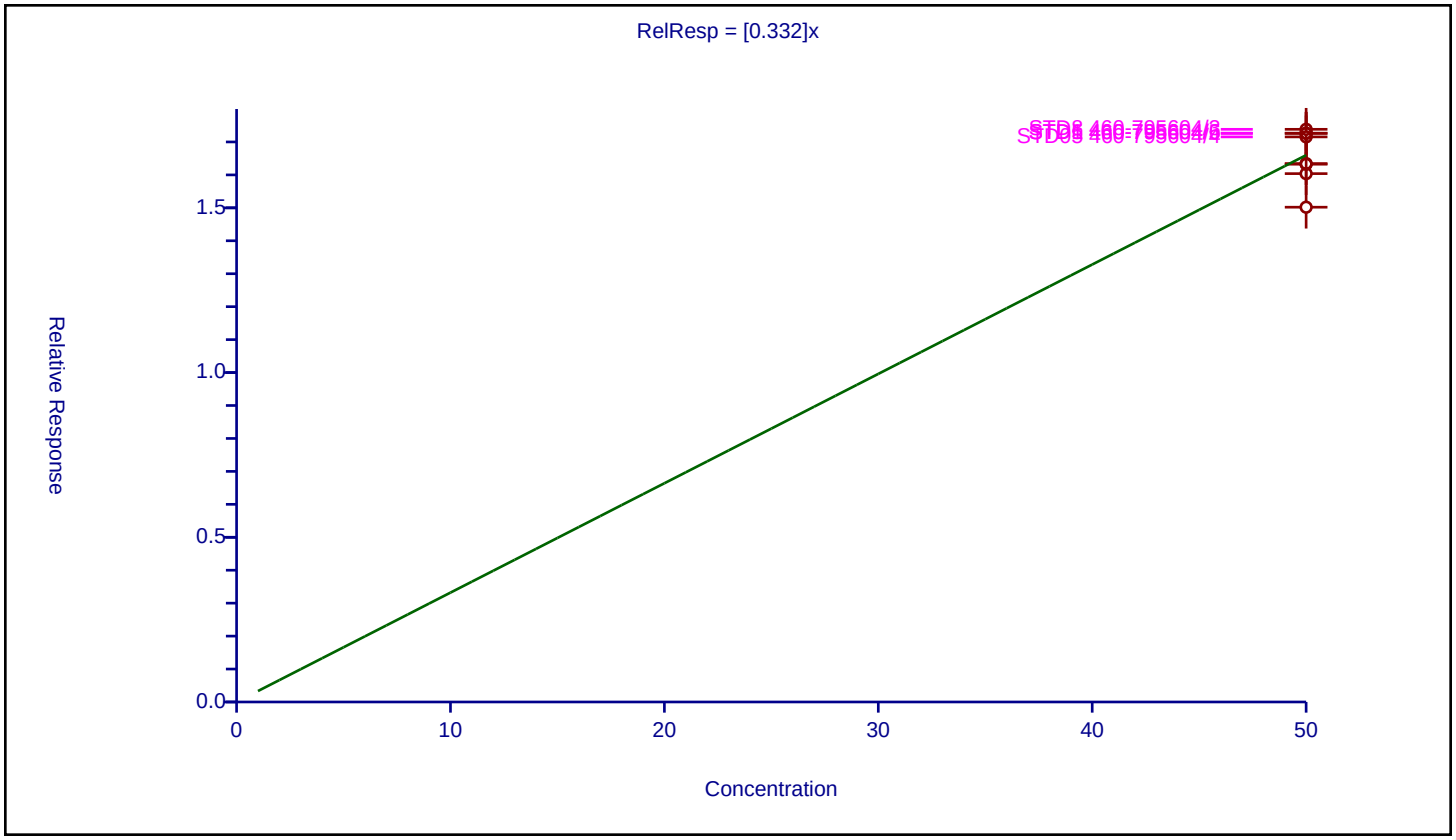
Curve Coefficients

Intercept:	0
Slope:	0.332

Error Coefficients

Standard Error:	218000
Relative Standard Error:	5.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	50.0	17.38413	50.0	634852.0	0.347683	Y
2	STD05 460-795604/4	50.0	17.153409	50.0	634798.0	0.343068	Y
3	STD1 460-795604/5	50.0	17.259069	50.0	632256.0	0.345181	Y
4	STD5 460-795604/6	50.0	17.267777	50.0	632108.0	0.345356	Y
5	STD20 460-795604/7	50.0	16.324593	50.0	623014.0	0.326492	Y
6	STD50 460-795604/8	50.0	16.343675	50.0	605898.0	0.326874	Y
7	STD200 460-795604/9	50.0	16.038793	50.0	582840.0	0.320776	Y
8	STD500 460-795604/10	50.0	15.019324	50.0	544402.0	0.300386	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

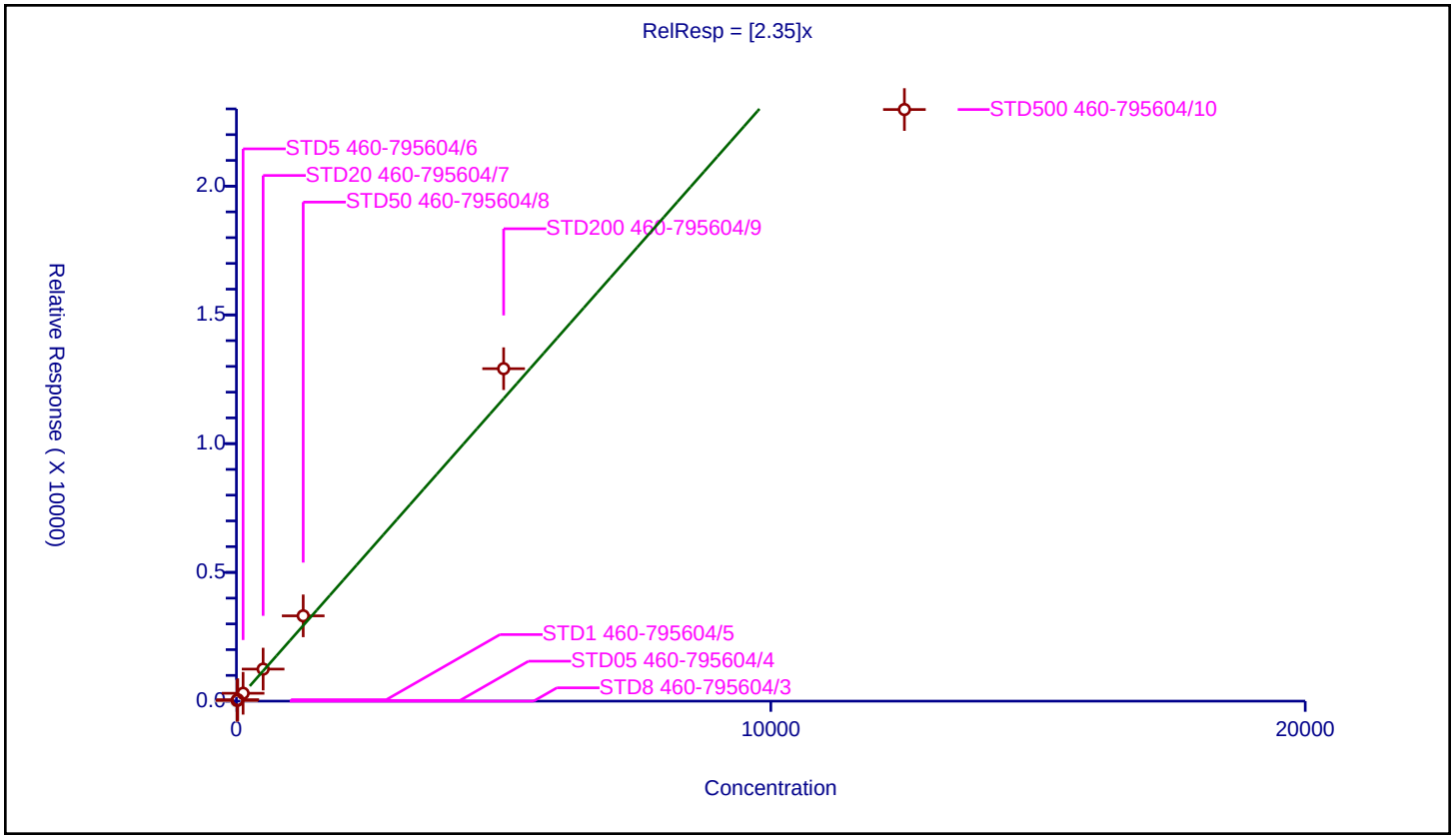
Curve Coefficients

Intercept:	0
Slope:	2.35

Error Coefficients

Standard Error:	668000
Relative Standard Error:	11.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	12.5	27.398824	1000.0	52557.0	2.191906	Y
3	STD1 460-795604/5	25.0	56.277563	1000.0	51246.0	2.251103	Y
4	STD5 460-795604/6	125.0	305.785923	1000.0	51729.0	2.446287	Y
5	STD20 460-795604/7	500.0	1244.461677	1000.0	56741.0	2.488923	Y
6	STD50 460-795604/8	1250.0	3312.75971	1000.0	54147.0	2.650208	Y
7	STD200 460-795604/9	5000.0	12911.308204	1000.0	55022.0	2.582262	Y
8	STD500 460-795604/10	12500.0	22974.809149	1000.0	65103.0	1.837985	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

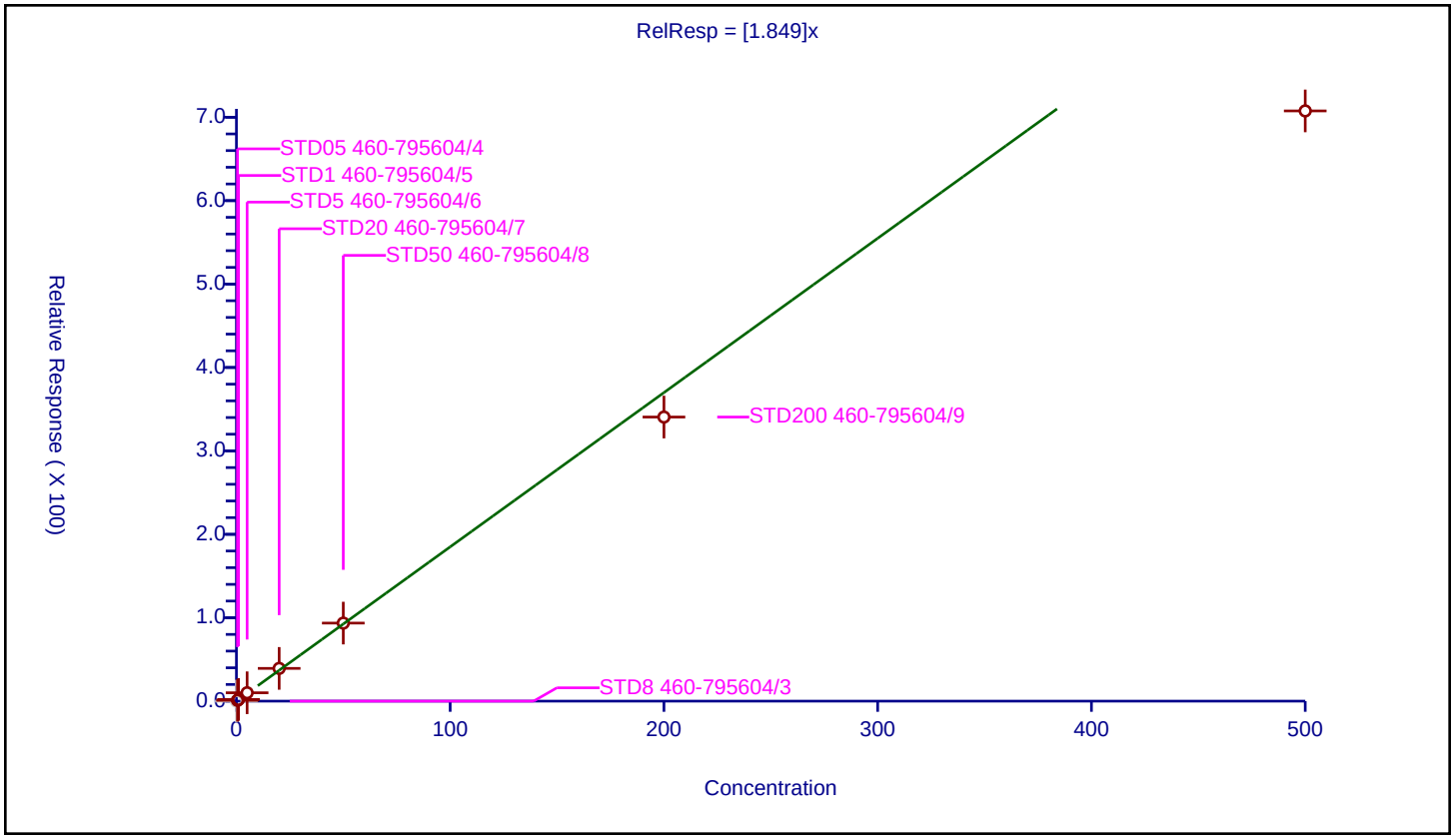
Curve Coefficients

Intercept:	0
Slope:	1.849

Error Coefficients

Standard Error:	2720000
Relative Standard Error:	12.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.975372	50.0	422813.0	1.950744	Y
3	STD1 460-795604/5	1.0	2.036697	50.0	415894.0	2.036697	Y
4	STD5 460-795604/6	5.0	10.037074	50.0	421323.0	2.007415	Y
5	STD20 460-795604/7	20.0	39.249122	50.0	419003.0	1.962456	Y
6	STD50 460-795604/8	50.0	93.553289	50.0	416569.0	1.871066	Y
7	STD200 460-795604/9	200.0	340.581101	50.0	418430.0	1.702906	Y
8	STD500 460-795604/10	500.0	707.584917	50.0	420499.0	1.41517	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

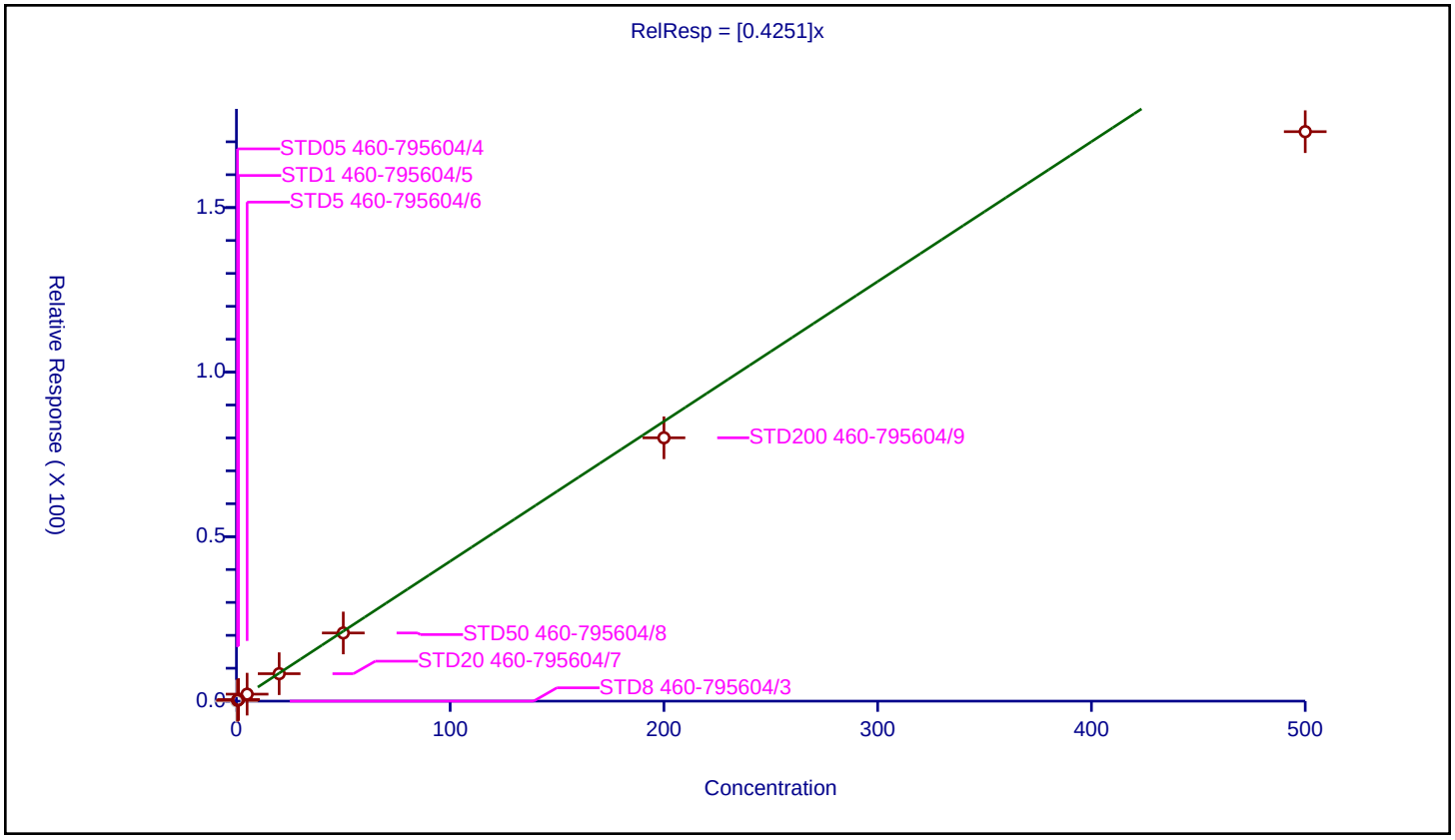
Curve Coefficients

Intercept:	0
Slope:	0.4251

Error Coefficients

Standard Error:	866000
Relative Standard Error:	11.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.246063	50.0	634798.0	0.492125	Y
3	STD1 460-795604/5	1.0	0.480581	50.0	632256.0	0.480581	Y
4	STD5 460-795604/6	5.0	2.126456	50.0	632108.0	0.425291	Y
5	STD20 460-795604/7	20.0	8.339058	50.0	623014.0	0.416953	Y
6	STD50 460-795604/8	50.0	20.720567	50.0	605898.0	0.414411	Y
7	STD200 460-795604/9	200.0	80.034143	50.0	582840.0	0.400171	Y
8	STD500 460-795604/10	500.0	173.081381	50.0	544402.0	0.346163	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

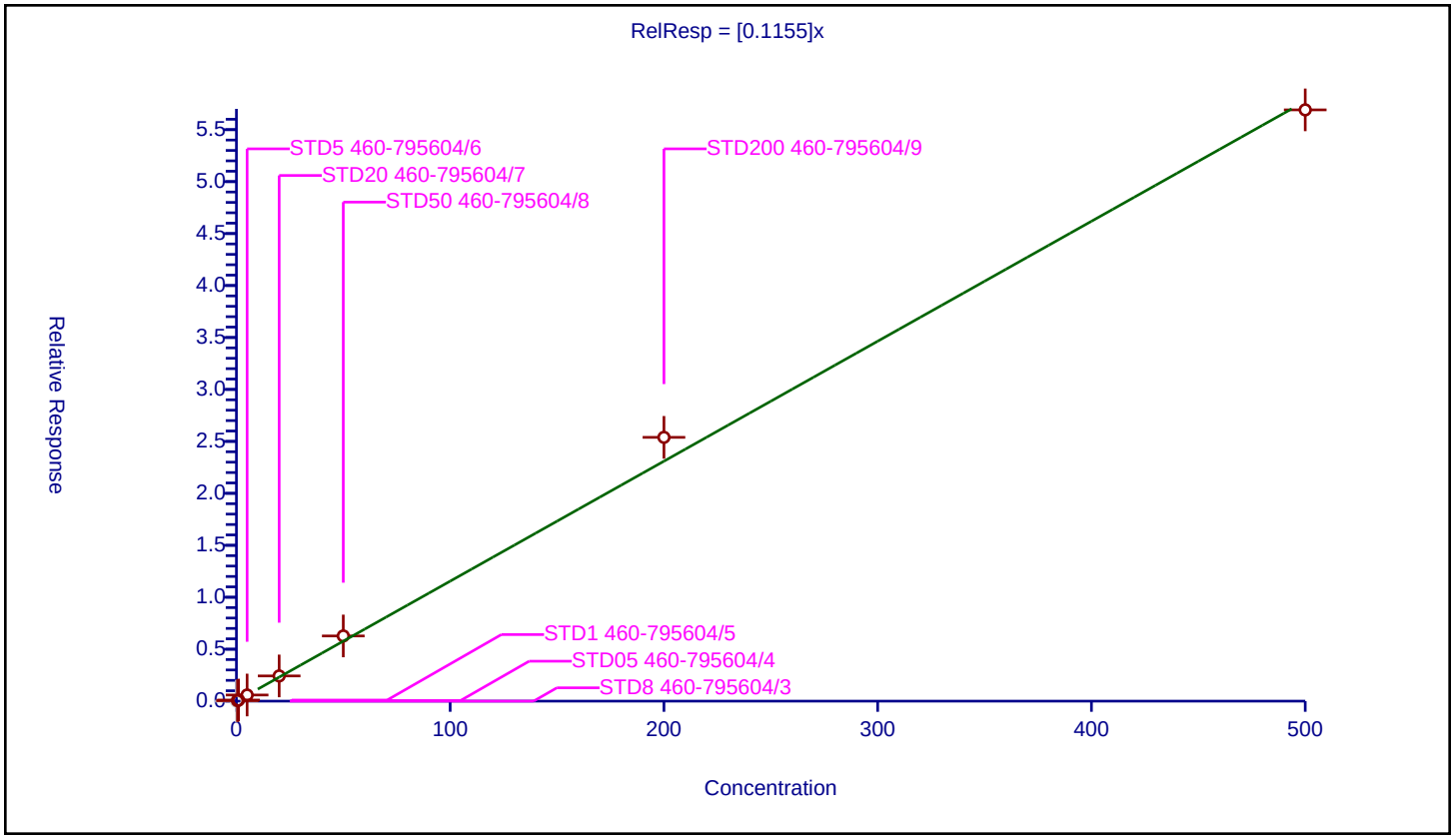
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	282000
Relative Standard Error:	9.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.049701	50.0	634798.0	0.099402	Y
3	STD1 460-795604/5	1.0	0.103123	50.0	632256.0	0.103123	Y
4	STD5 460-795604/6	5.0	0.590564	50.0	632108.0	0.118113	Y
5	STD20 460-795604/7	20.0	2.427072	50.0	623014.0	0.121354	Y
6	STD50 460-795604/8	50.0	6.274984	50.0	605898.0	0.1255	Y
7	STD200 460-795604/9	200.0	25.388614	50.0	582840.0	0.126943	Y
8	STD500 460-795604/10	500.0	56.904181	50.0	544402.0	0.113808	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

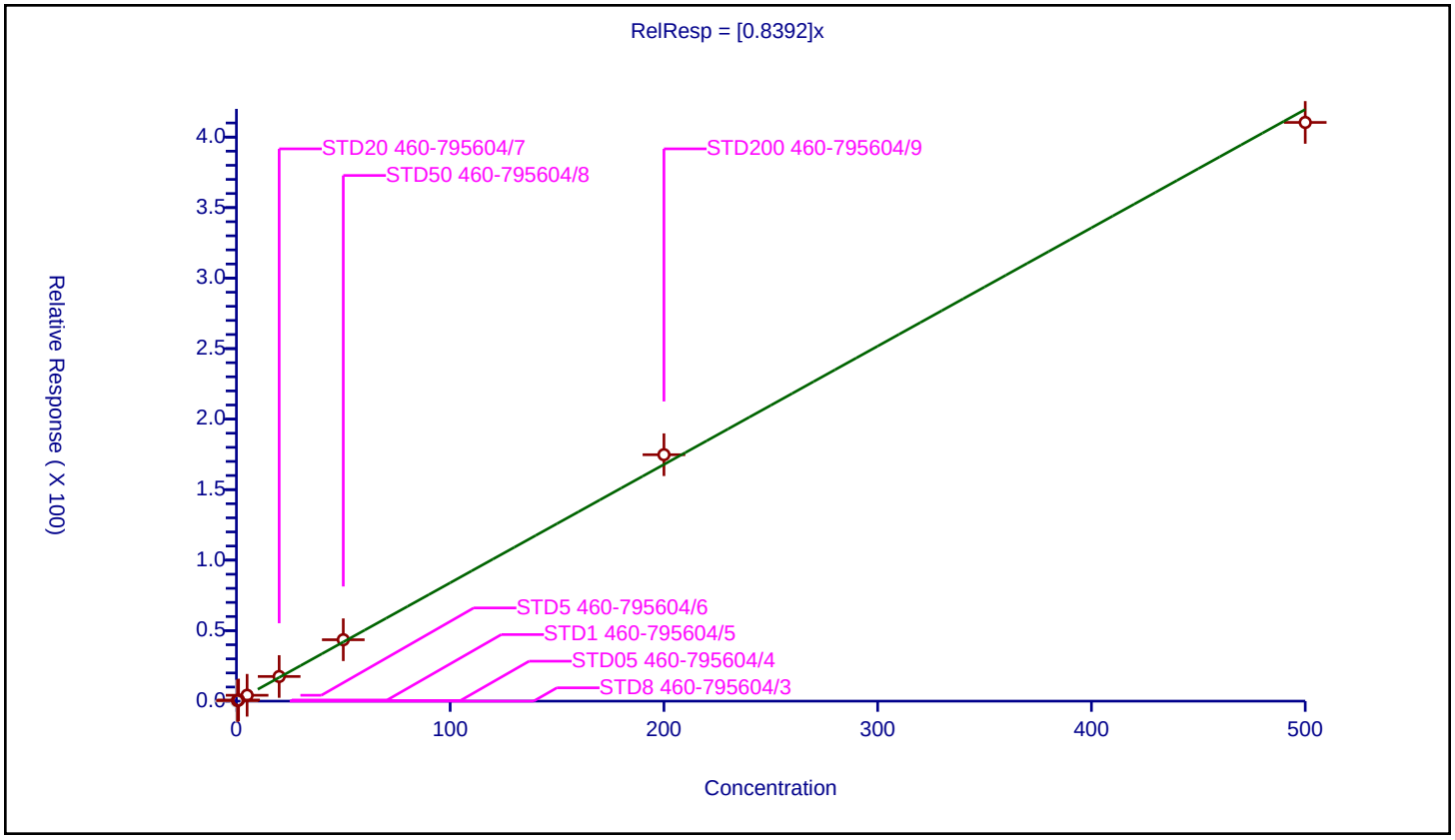
Curve Coefficients

Intercept:	0
Slope:	0.8392

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.399418	50.0	634798.0	0.798837	Y
3	STD1 460-795604/5	1.0	0.804184	50.0	632256.0	0.804184	Y
4	STD5 460-795604/6	5.0	4.158783	50.0	632108.0	0.831757	Y
5	STD20 460-795604/7	20.0	17.478901	50.0	623014.0	0.873945	Y
6	STD50 460-795604/8	50.0	43.547429	50.0	605898.0	0.870949	Y
7	STD200 460-795604/9	200.0	174.76503	50.0	582840.0	0.873825	Y
8	STD500 460-795604/10	500.0	410.395351	50.0	544402.0	0.820791	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

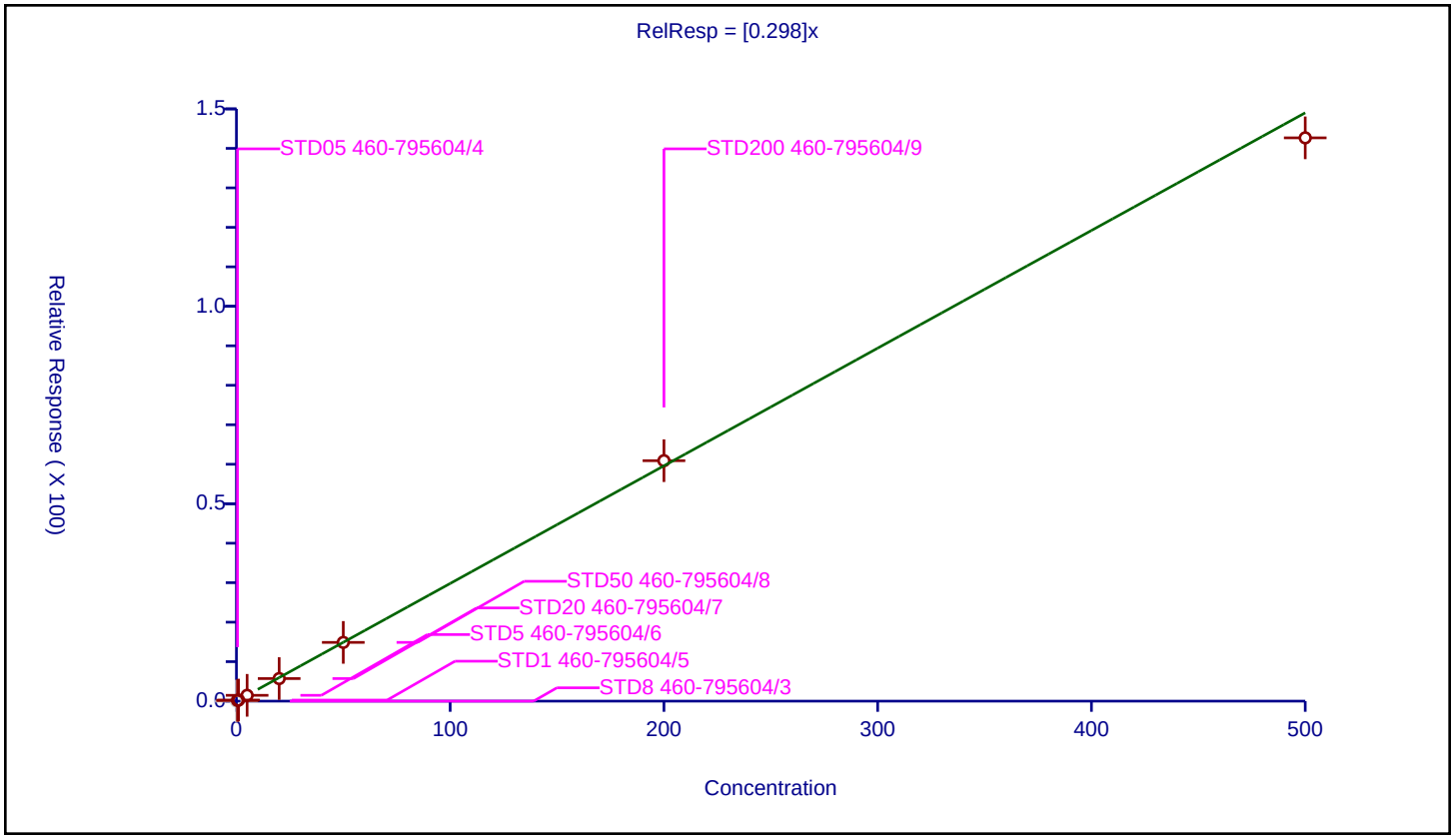
Curve Coefficients

Intercept:	0
Slope:	0.298

Error Coefficients

Standard Error:	702000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.175804	50.0	634798.0	0.351608	Y
3	STD1 460-795604/5	1.0	0.266664	50.0	632256.0	0.266664	Y
4	STD5 460-795604/6	5.0	1.473087	50.0	632108.0	0.294617	Y
5	STD20 460-795604/7	20.0	5.715441	50.0	623014.0	0.285772	Y
6	STD50 460-795604/8	50.0	14.879815	50.0	605898.0	0.297596	Y
7	STD200 460-795604/9	200.0	60.900247	50.0	582840.0	0.304501	Y
8	STD500 460-795604/10	500.0	142.665989	50.0	544402.0	0.285332	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

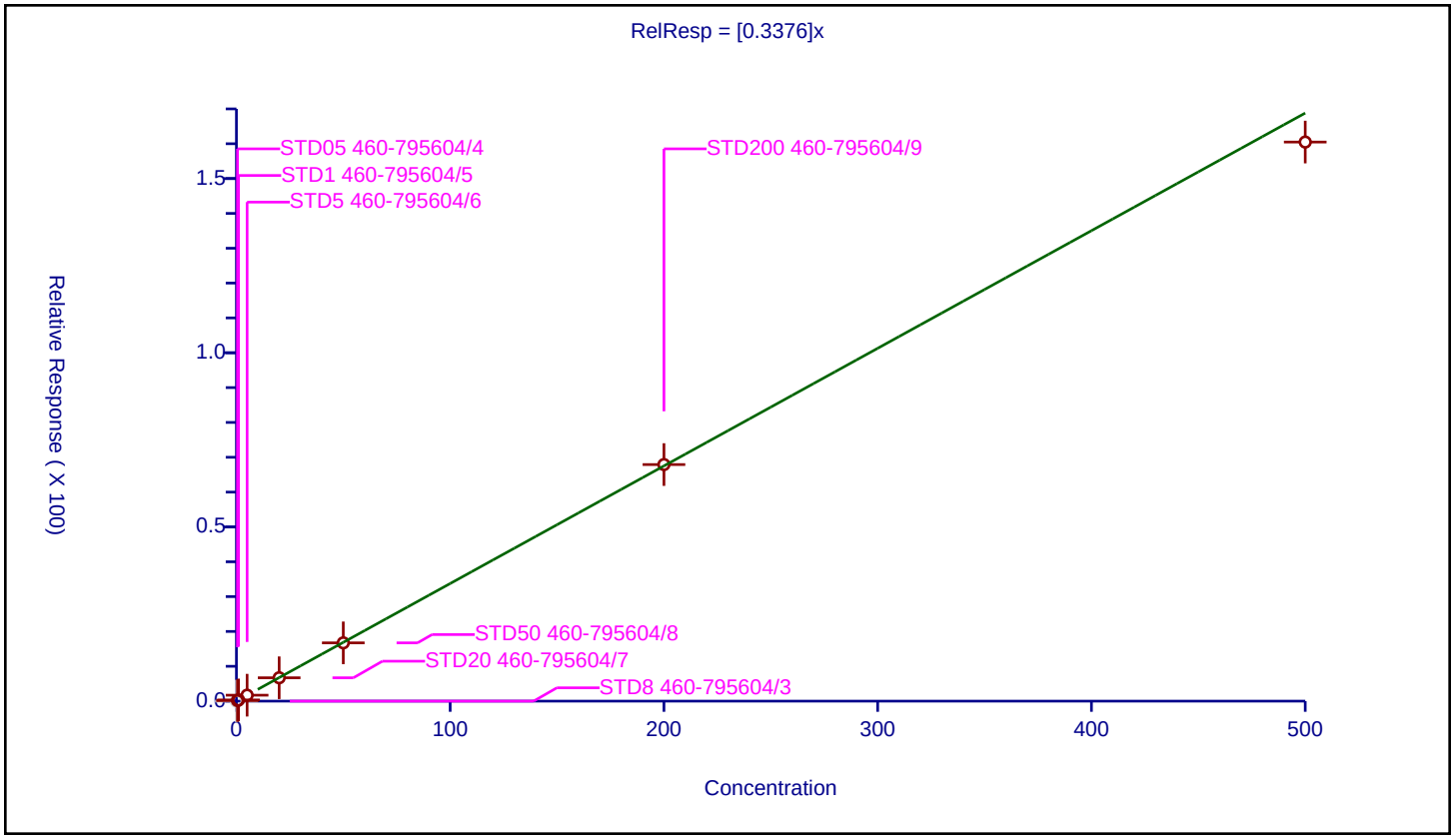
Curve Coefficients

Intercept:	0
Slope:	0.3376

Error Coefficients

Standard Error:	788000
Relative Standard Error:	2.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.173835	50.0	634798.0	0.34767	Y
3	STD1 460-795604/5	1.0	0.343453	50.0	632256.0	0.343453	Y
4	STD5 460-795604/6	5.0	1.708173	50.0	632108.0	0.341635	Y
5	STD20 460-795604/7	20.0	6.705387	50.0	623014.0	0.335269	Y
6	STD50 460-795604/8	50.0	16.734252	50.0	605898.0	0.334685	Y
7	STD200 460-795604/9	200.0	67.909289	50.0	582840.0	0.339546	Y
8	STD500 460-795604/10	500.0	160.481317	50.0	544402.0	0.320963	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

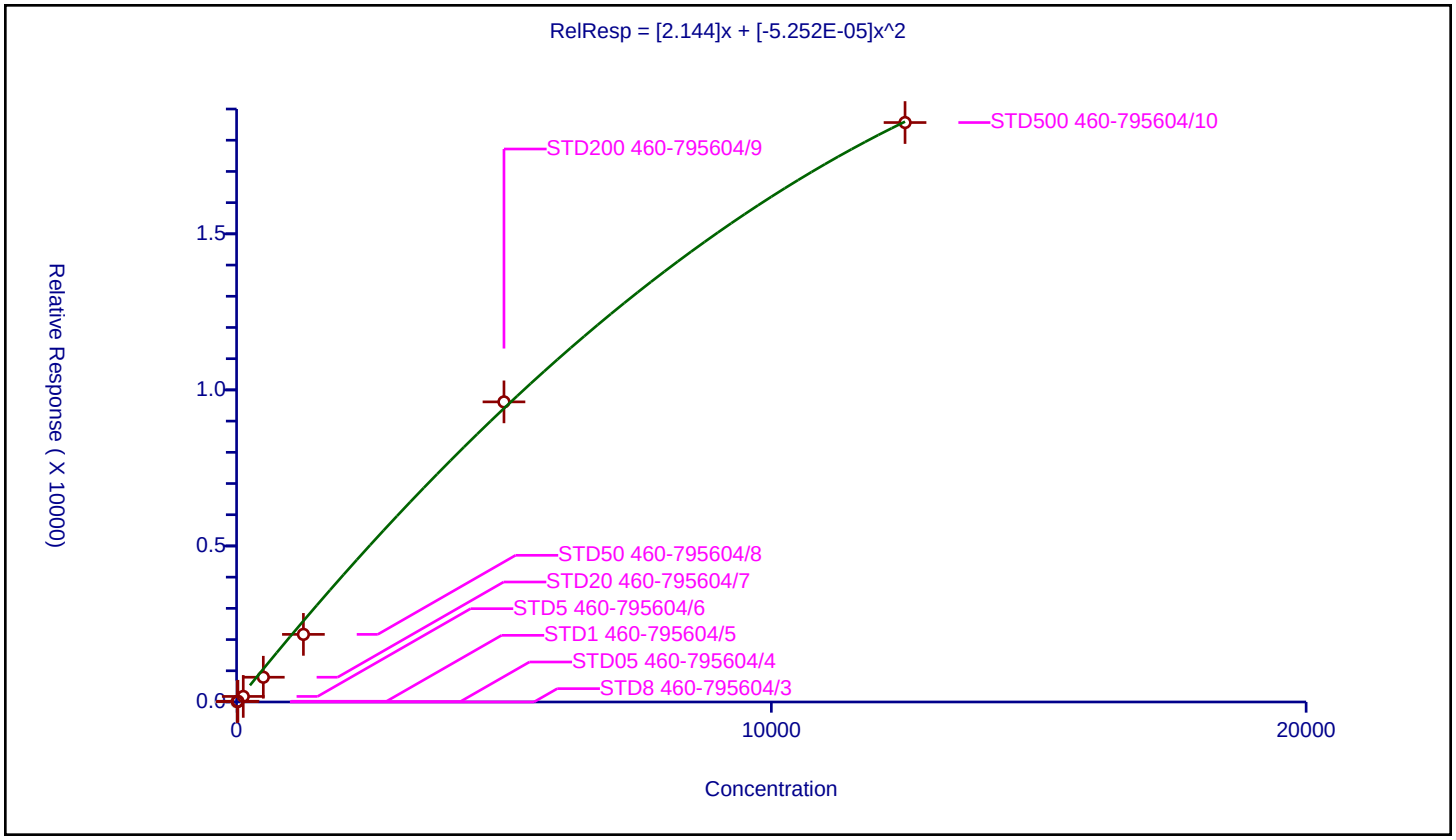
Curve Coefficients

Intercept:	0
Slope:	2.144
Second Order:	-5.252E-05

Error Coefficients

Standard Error:	583000
Relative Standard Error:	41.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	53892.0	NaN	N
2	STD05 460-795604/4	12.5	11.244934	1000.0	52557.0	0.899595	Y
3	STD1 460-795604/5	25.0	23.299379	1000.0	51246.0	0.931975	Y
4	STD5 460-795604/6	125.0	178.255911	1000.0	51729.0	1.426047	Y
5	STD20 460-795604/7	500.0	793.077316	1000.0	56741.0	1.586155	Y
6	STD50 460-795604/8	1250.0	2166.546623	1000.0	54147.0	1.733237	Y
7	STD200 460-795604/9	5000.0	9615.989968	1000.0	55022.0	1.923198	Y
8	STD500 460-795604/10	12500.0	18566.824878	1000.0	65103.0	1.485346	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

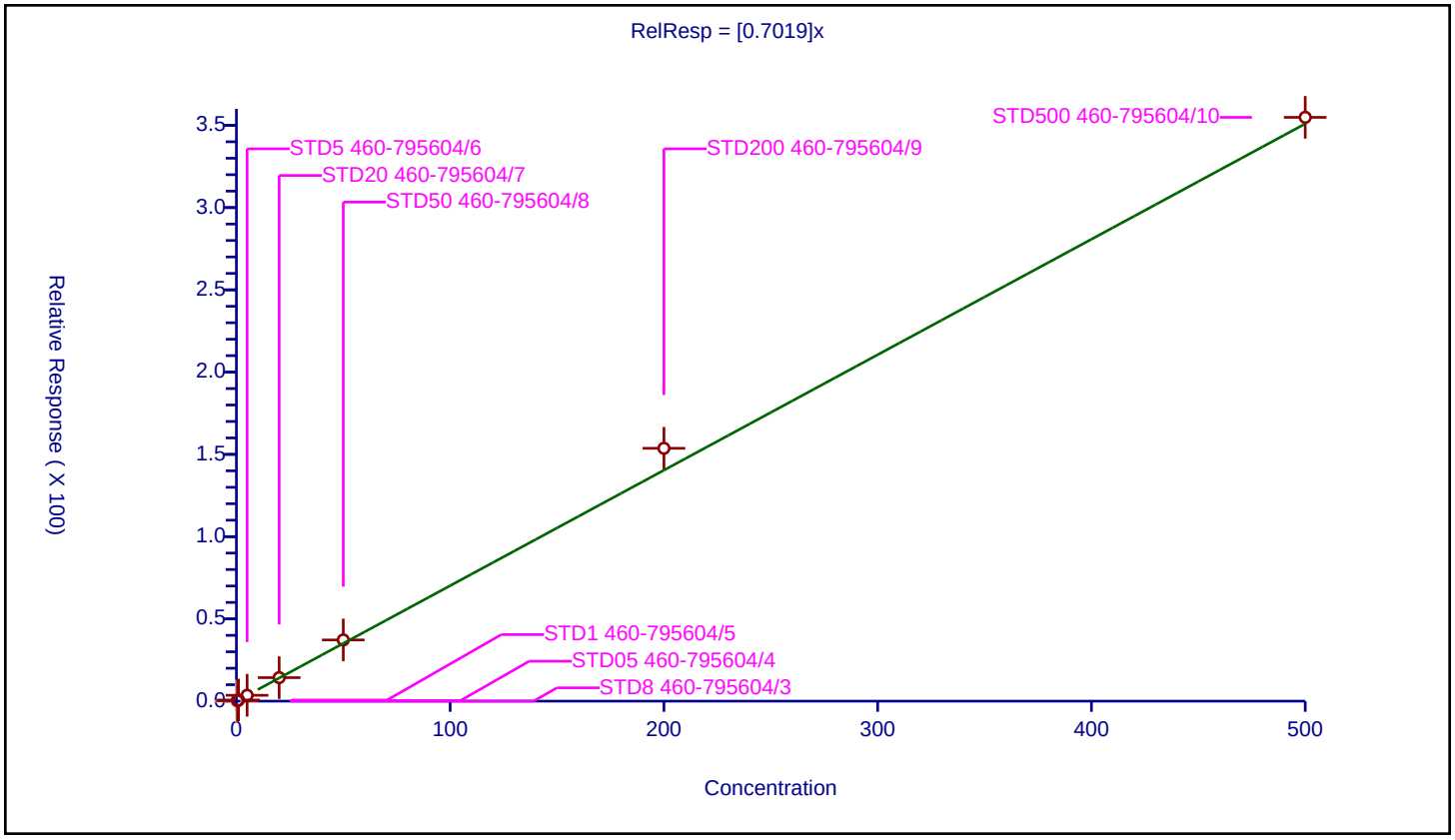
Curve Coefficients

Intercept:	0
Slope:	0.7019

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	8.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.298205	50.0	634798.0	0.59641	Y
3	STD1 460-795604/5	1.0	0.668558	50.0	632256.0	0.668558	Y
4	STD5 460-795604/6	5.0	3.558253	50.0	632108.0	0.711651	Y
5	STD20 460-795604/7	20.0	14.290851	50.0	623014.0	0.714543	Y
6	STD50 460-795604/8	50.0	37.196442	50.0	605898.0	0.743929	Y
7	STD200 460-795604/9	200.0	153.690121	50.0	582840.0	0.768451	Y
8	STD500 460-795604/10	500.0	354.85946	50.0	544402.0	0.709719	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

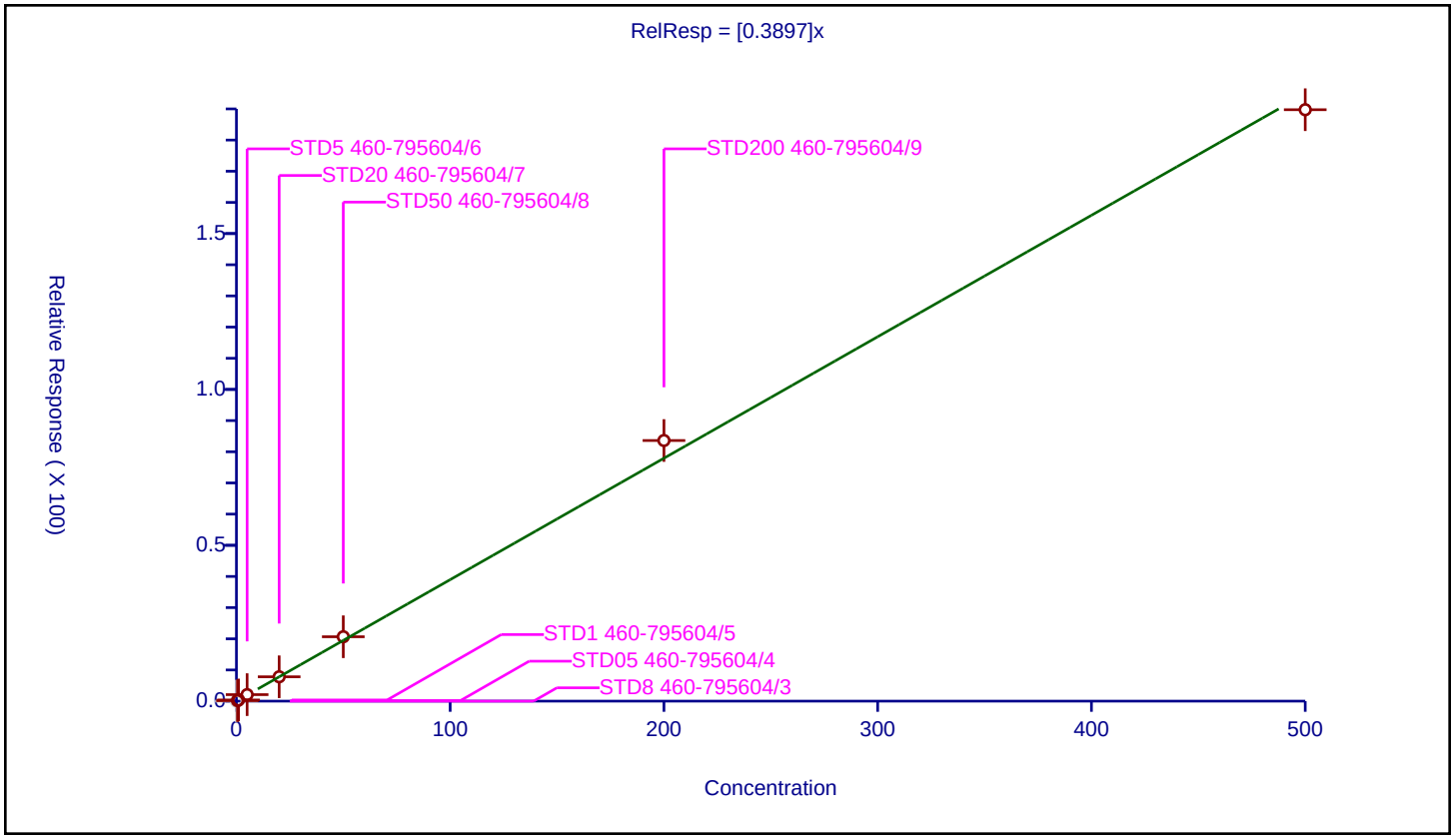
Curve Coefficients

Intercept:	0
Slope:	0.3897

Error Coefficients

Standard Error:	939000
Relative Standard Error:	7.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.167534	50.0	634798.0	0.335067	Y
3	STD1 460-795604/5	1.0	0.374057	50.0	632256.0	0.374057	Y
4	STD5 460-795604/6	5.0	2.086431	50.0	632108.0	0.417286	Y
5	STD20 460-795604/7	20.0	7.811863	50.0	623014.0	0.390593	Y
6	STD50 460-795604/8	50.0	20.657767	50.0	605898.0	0.413155	Y
7	STD200 460-795604/9	200.0	83.609138	50.0	582840.0	0.418046	Y
8	STD500 460-795604/10	500.0	189.731761	50.0	544402.0	0.379464	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

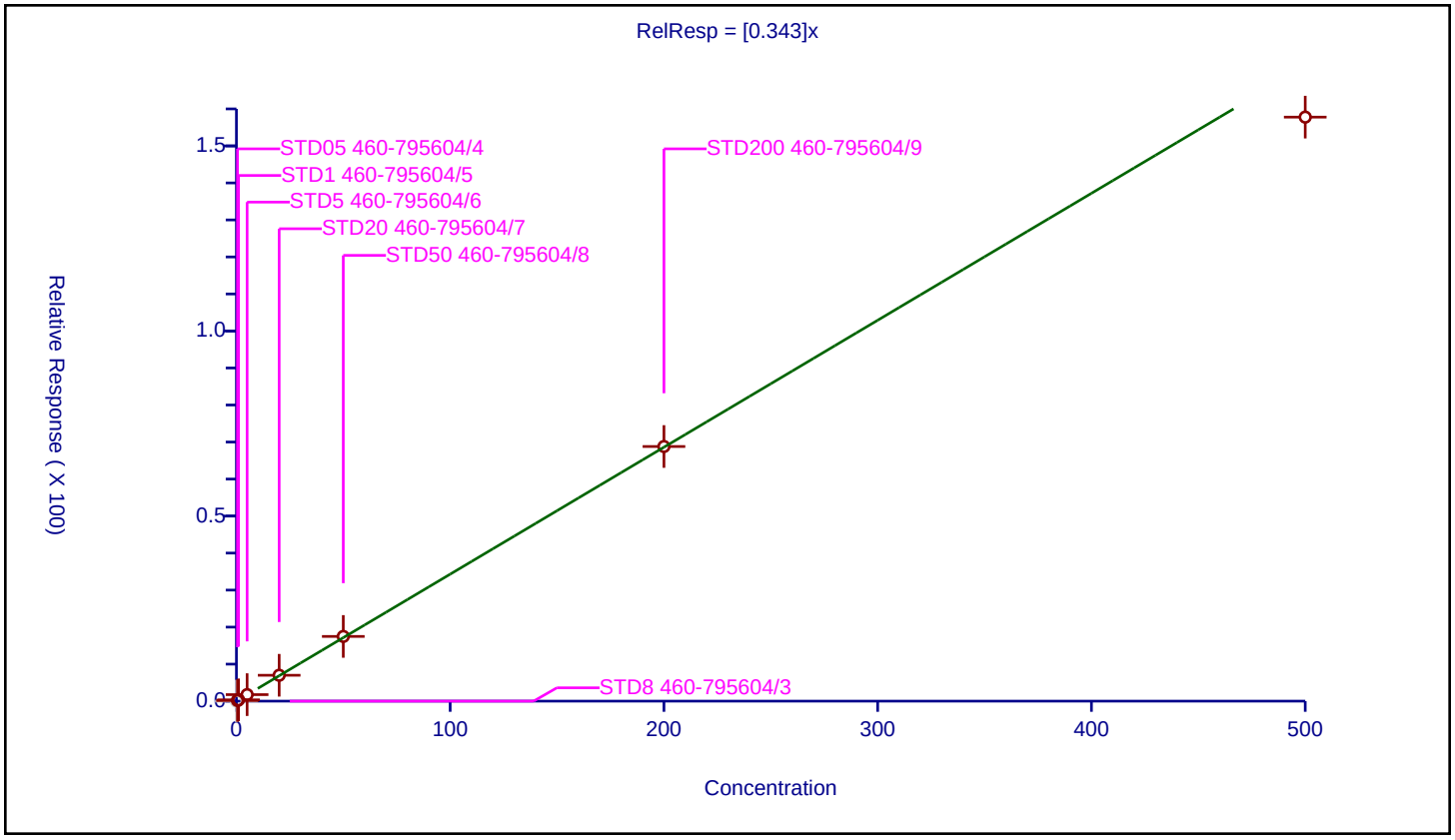
Curve Coefficients

Intercept:	0
Slope:	0.343

Error Coefficients

Standard Error:	780000
Relative Standard Error:	3.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.171551	50.0	634798.0	0.343101	Y
3	STD1 460-795604/5	1.0	0.346616	50.0	632256.0	0.346616	Y
4	STD5 460-795604/6	5.0	1.762673	50.0	632108.0	0.352535	Y
5	STD20 460-795604/7	20.0	6.990613	50.0	623014.0	0.349531	Y
6	STD50 460-795604/8	50.0	17.483883	50.0	605898.0	0.349678	Y
7	STD200 460-795604/9	200.0	68.792893	50.0	582840.0	0.343964	Y
8	STD500 460-795604/10	500.0	157.778259	50.0	544402.0	0.315557	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

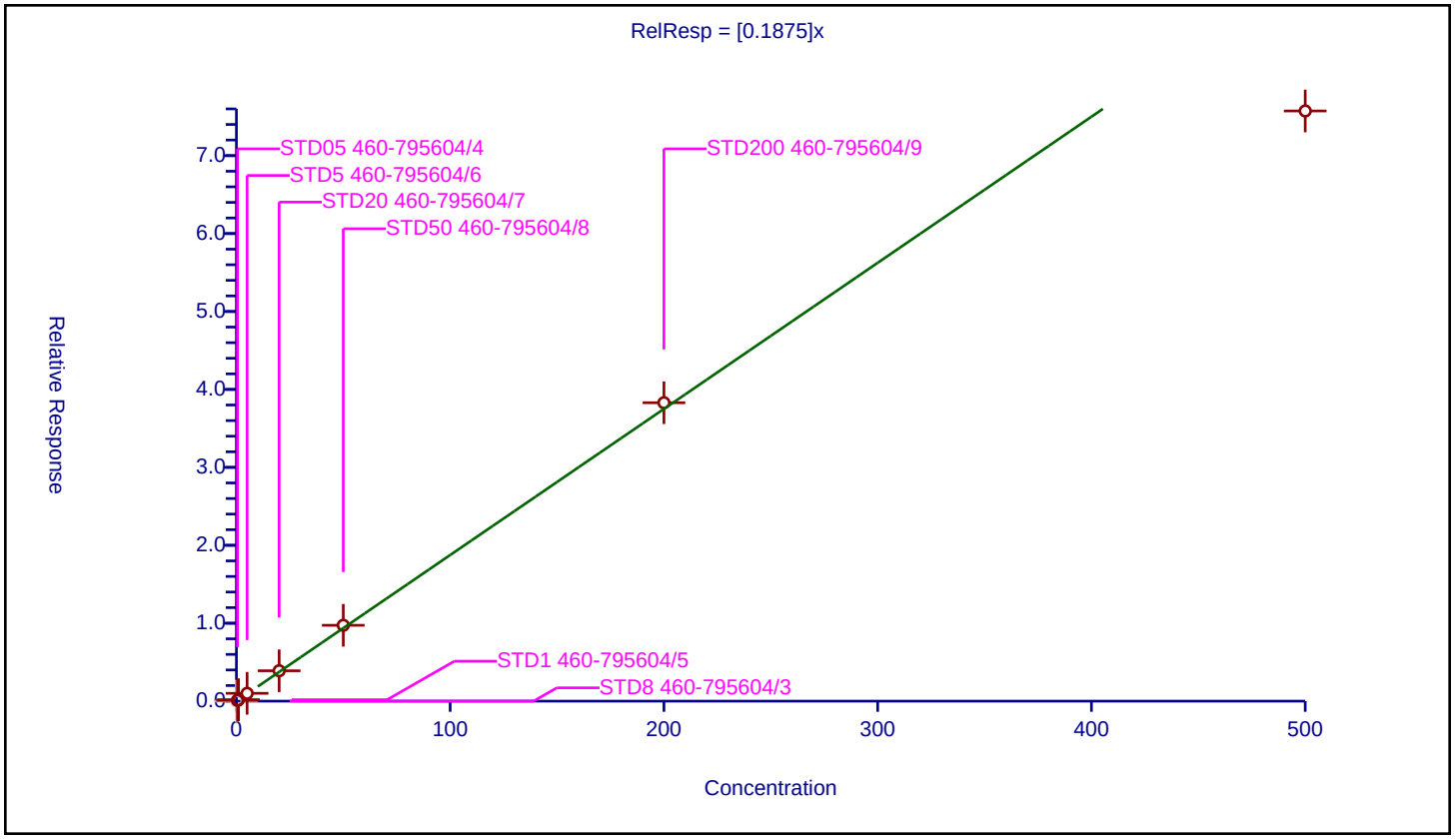
Curve Coefficients

Intercept:	0
Slope:	0.1875

Error Coefficients

Standard Error:	386000
Relative Standard Error:	9.0
Correlation Coefficient:	0.982
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.098141	50.0	634798.0	0.196283	Y
3	STD1 460-795604/5	1.0	0.182758	50.0	632256.0	0.182758	Y
4	STD5 460-795604/6	5.0	1.004338	50.0	632108.0	0.200868	Y
5	STD20 460-795604/7	20.0	3.898388	50.0	623014.0	0.194919	Y
6	STD50 460-795604/8	50.0	9.733239	50.0	605898.0	0.194665	Y
7	STD200 460-795604/9	200.0	38.295244	50.0	582840.0	0.191476	Y
8	STD500 460-795604/10	500.0	75.733098	50.0	544402.0	0.151466	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

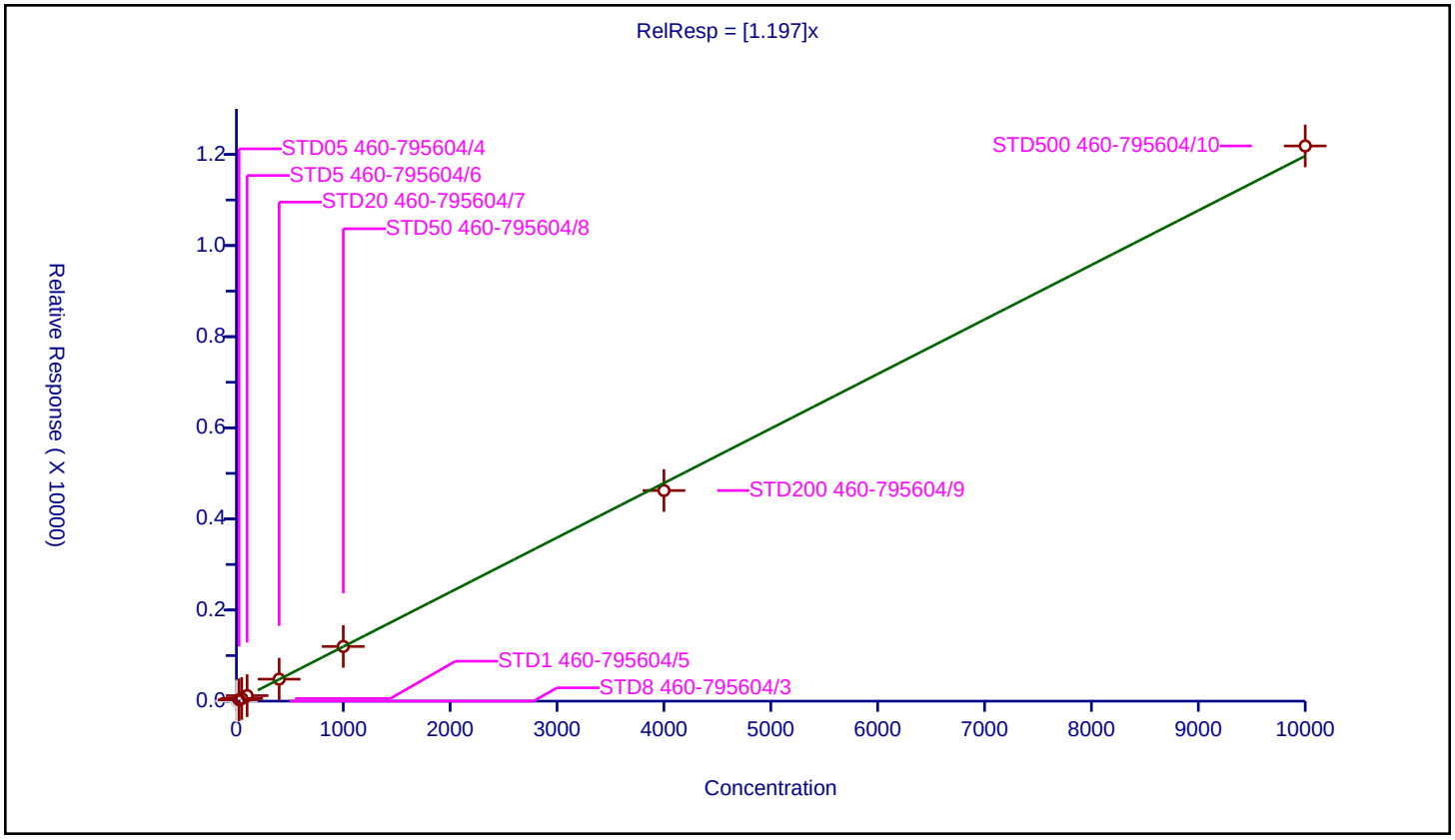
Curve Coefficients

Intercept:	0
Slope:	1.197

Error Coefficients

Standard Error:	173000
Relative Standard Error:	2.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	1000.0	41054.0	NaN	N
2	STD05 460-795604/4	25.000031	30.695736	1000.0	39354.0	1.227828	Y
3	STD1 460-795604/5	50.000062	58.083153	1000.0	38772.0	1.161662	Y
4	STD5 460-795604/6	100.0	120.667327	1000.0	39381.0	1.206673	Y
5	STD20 460-795604/7	400.0	482.48785	1000.0	41771.0	1.20622	Y
6	STD50 460-795604/8	1000.0	1199.858083	1000.0	40869.0	1.199858	Y
7	STD200 460-795604/9	4000.0	4622.982947	1000.0	39290.0	1.155746	Y
8	STD500 460-795604/10	10000.0	12186.352357	1000.0	32240.0	1.218635	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

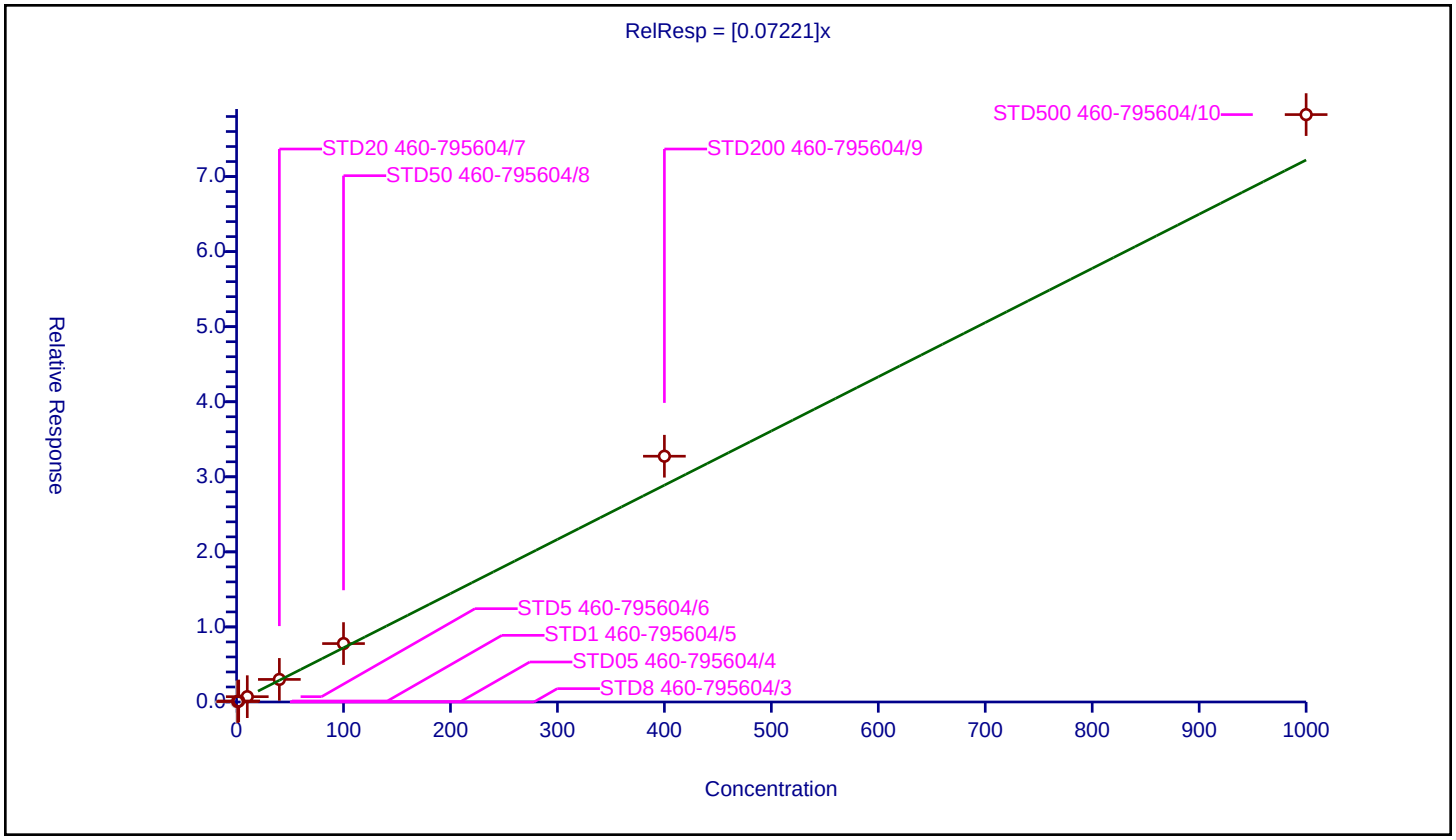
Curve Coefficients

Intercept:	0
Slope:	0.07221

Error Coefficients

Standard Error:	383000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	1.0	0.054821	50.0	634798.0	0.054821	Y
3	STD1 460-795604/5	2.0	0.132858	50.0	632256.0	0.066429	Y
4	STD5 460-795604/6	10.0	0.710401	50.0	632108.0	0.07104	Y
5	STD20 460-795604/7	40.0	3.008921	50.0	623014.0	0.075223	Y
6	STD50 460-795604/8	100.0	7.782746	50.0	605898.0	0.077827	Y
7	STD200 460-795604/9	400.0	32.743892	50.0	582840.0	0.08186	Y
8	STD500 460-795604/10	1000.0	78.255682	50.0	544402.0	0.078256	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

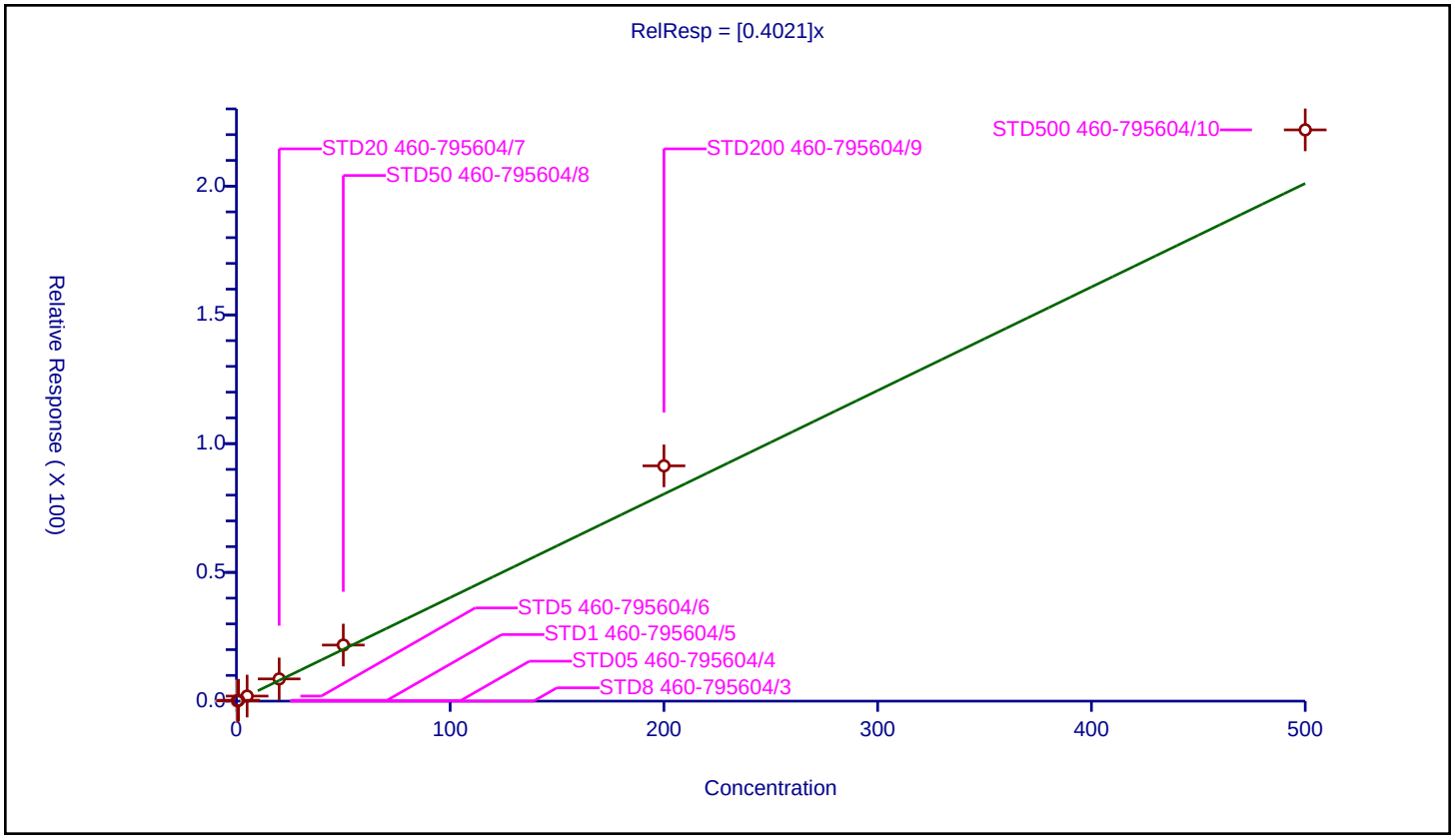
Curve Coefficients

Intercept:	0
Slope:	0.4021

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	14.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.151544	50.0	634798.0	0.303089	Y
3	STD1 460-795604/5	1.0	0.350728	50.0	632256.0	0.350728	Y
4	STD5 460-795604/6	5.0	1.967623	50.0	632108.0	0.393525	Y
5	STD20 460-795604/7	20.0	8.626371	50.0	623014.0	0.431319	Y
6	STD50 460-795604/8	50.0	21.773219	50.0	605898.0	0.435464	Y
7	STD200 460-795604/9	200.0	91.375335	50.0	582840.0	0.456877	Y
8	STD500 460-795604/10	500.0	221.85352	50.0	544402.0	0.443707	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

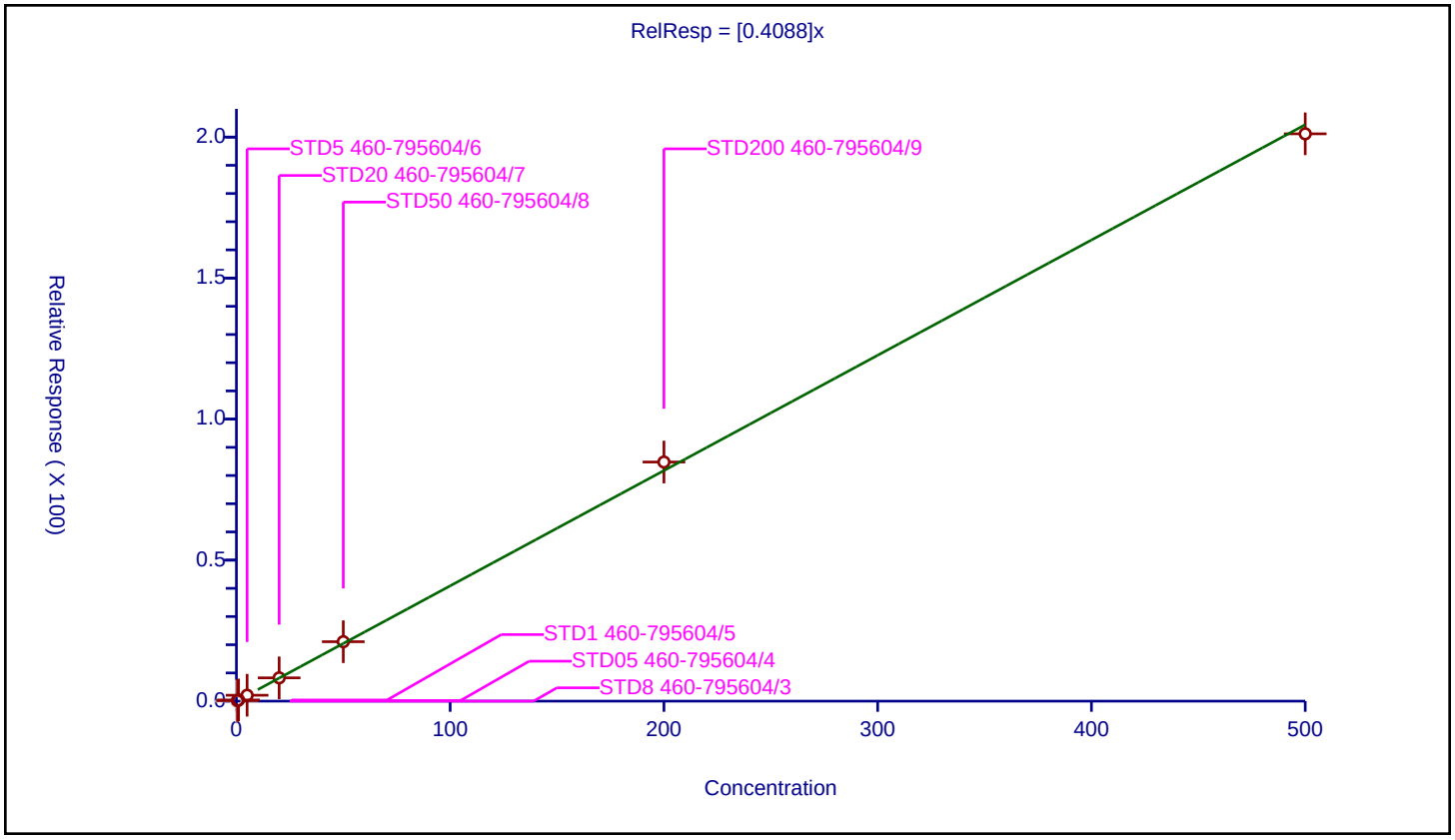
Curve Coefficients

Intercept:	0
Slope:	0.4088

Error Coefficients

Standard Error:	987000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5	0.187067	50.0	634798.0	0.374135	Y
3	STD1 460-795604/5	1.0	0.407746	50.0	632256.0	0.407746	Y
4	STD5 460-795604/6	5.0	2.095607	50.0	632108.0	0.419121	Y
5	STD20 460-795604/7	20.0	8.254951	50.0	623014.0	0.412748	Y
6	STD50 460-795604/8	50.0	21.072359	50.0	605898.0	0.421447	Y
7	STD200 460-795604/9	200.0	84.783474	50.0	582840.0	0.423917	Y
8	STD500 460-795604/10	500.0	201.159621	50.0	544402.0	0.402319	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

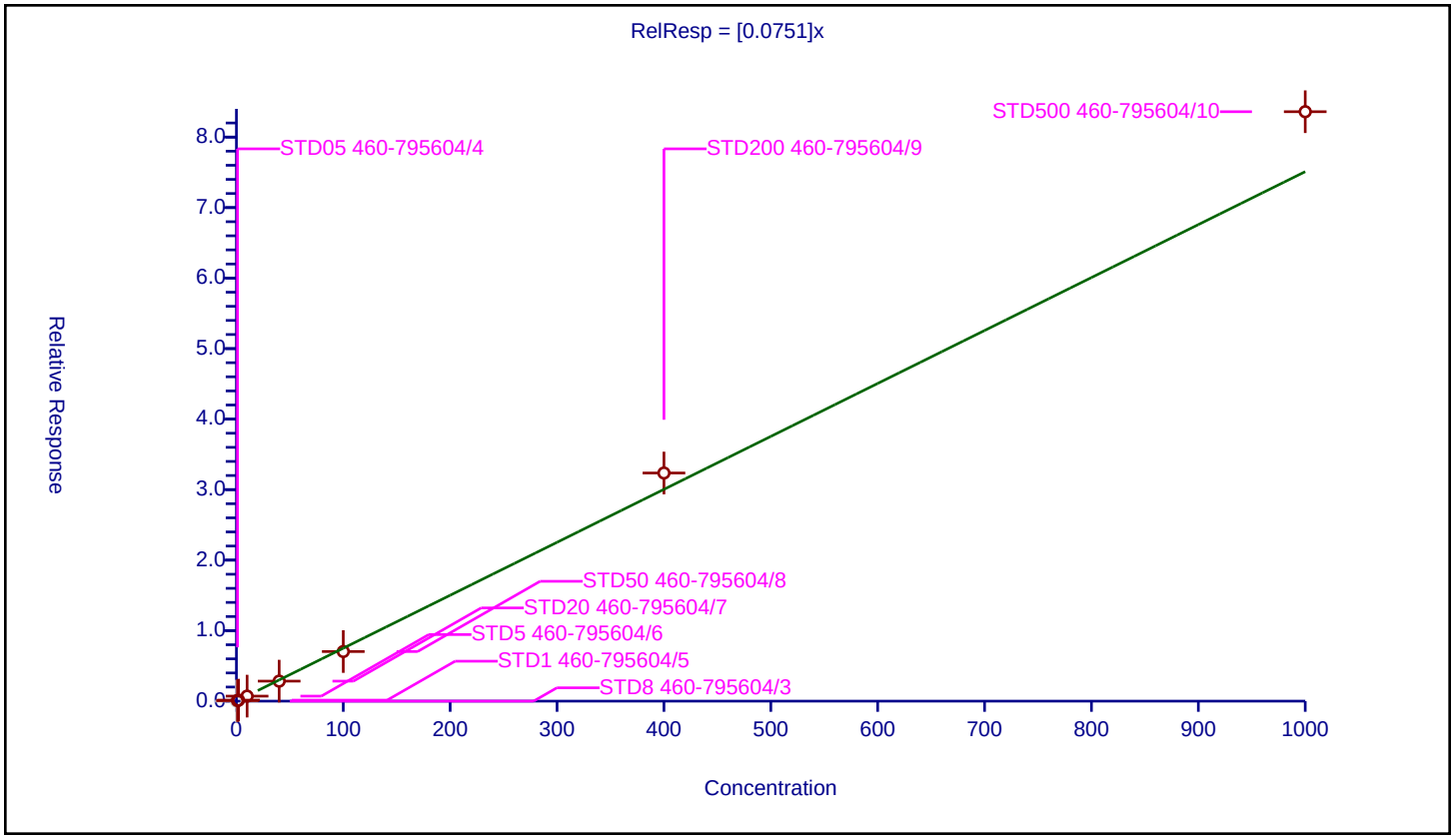
Curve Coefficients

Intercept:	0
Slope:	0.0751

Error Coefficients

Standard Error:	404000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	1.0	0.078686	50.0	634798.0	0.078686	Y
3	STD1 460-795604/5	2.0	0.140291	50.0	632256.0	0.070146	Y
4	STD5 460-795604/6	10.0	0.710638	50.0	632108.0	0.071064	Y
5	STD20 460-795604/7	40.0	2.837416	50.0	623014.0	0.070935	Y
6	STD50 460-795604/8	100.0	7.035755	50.0	605898.0	0.070358	Y
7	STD200 460-795604/9	400.0	32.355106	50.0	582840.0	0.080888	Y
8	STD500 460-795604/10	1000.0	83.598334	50.0	544402.0	0.083598	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

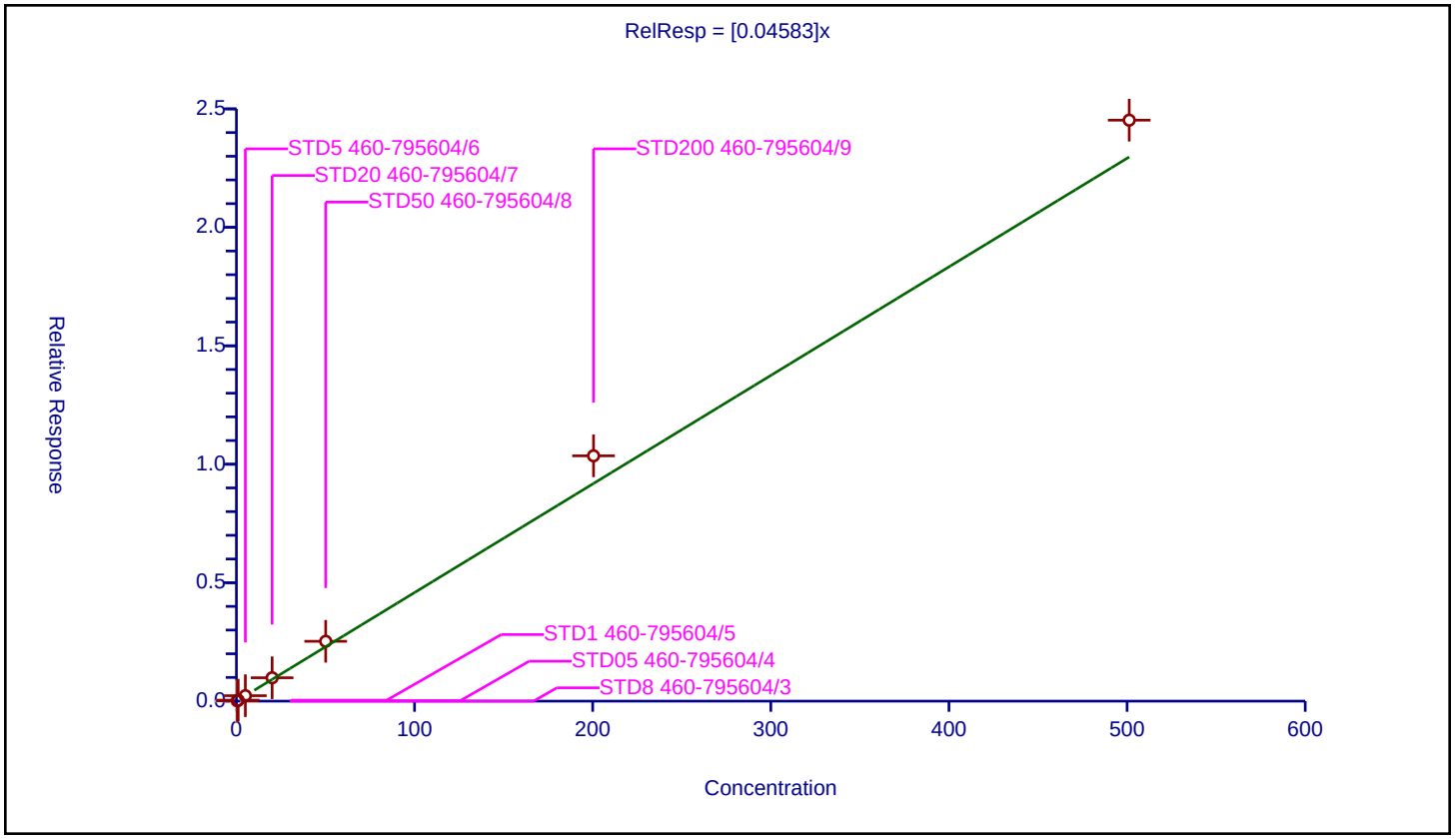
Curve Coefficients

Intercept:	0
Slope:	0.04583

Error Coefficients

Standard Error:	120000
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	634852.0	NaN	N
2	STD05 460-795604/4	0.5012	0.017013	50.0	634798.0	0.033945	Y
3	STD1 460-795604/5	1.0024	0.040806	50.0	632256.0	0.040709	Y
4	STD5 460-795604/6	5.012	0.230261	50.0	632108.0	0.045942	Y
5	STD20 460-795604/7	20.048	0.986976	50.0	623014.0	0.049231	Y
6	STD50 460-795604/8	50.12	2.525838	50.0	605898.0	0.050396	Y
7	STD200 460-795604/9	200.48	10.355243	50.0	582840.0	0.051652	Y
8	STD500 460-795604/10	501.2	24.523514	50.0	544402.0	0.04893	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

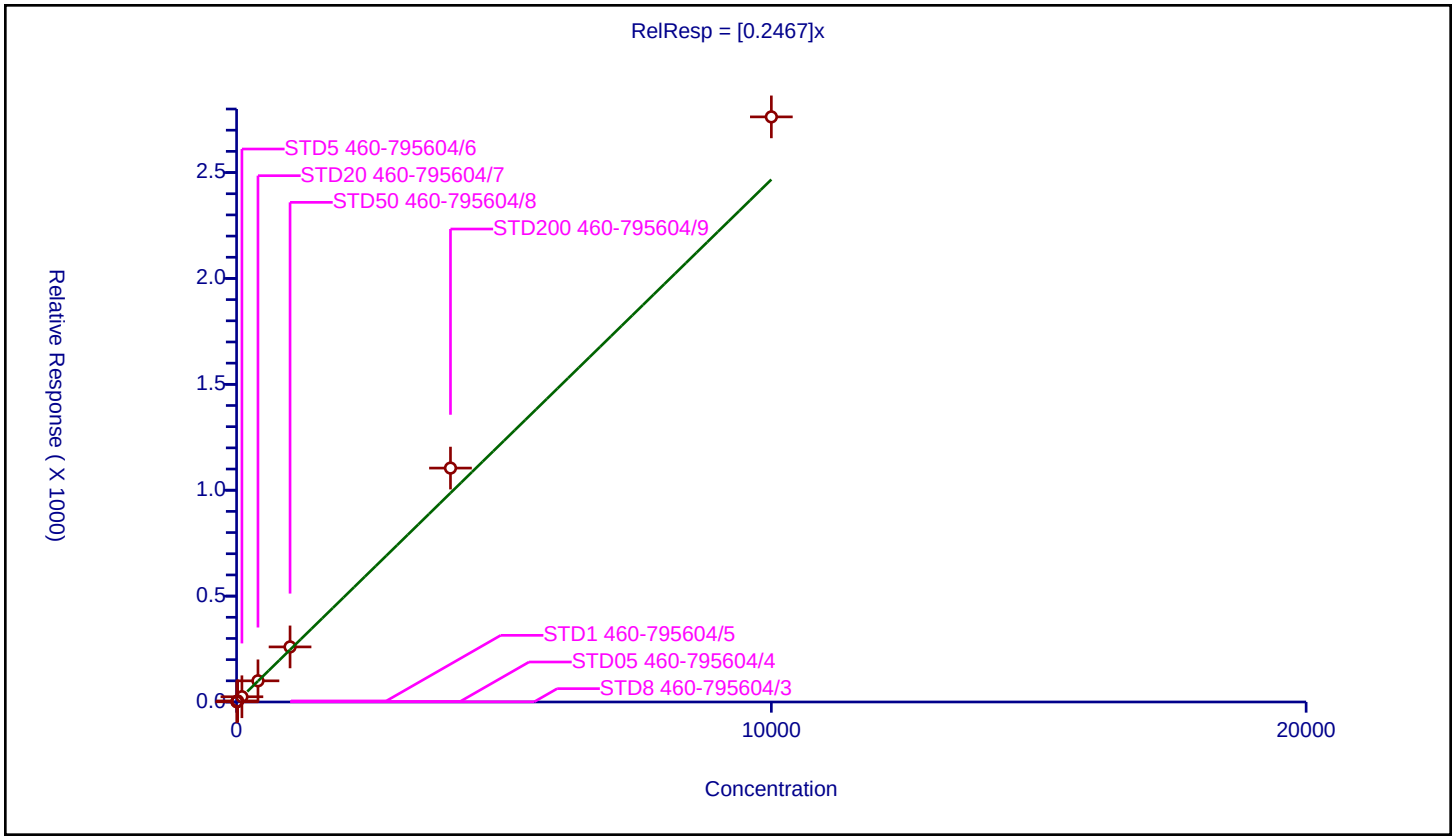
Curve Coefficients

Intercept:	0
Slope:	0.2467

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	5.000009	0.941718	250.0	432189.0	0.188343	Y
2	STD05 460-795604/4	10.000017	2.291123	250.0	424137.0	0.229112	Y
3	STD1 460-795604/5	20.000035	4.92328	250.0	416643.0	0.246164	Y
4	STD5 460-795604/6	100.000173	24.776359	250.0	423781.0	0.247763	Y
5	STD20 460-795604/7	400.000692	99.911997	250.0	434077.0	0.24978	Y
6	STD50 460-795604/8	1000.00173	260.083005	250.0	408410.0	0.260083	Y
7	STD200 460-795604/9	4000.00692	1104.500984	250.0	382994.0	0.276125	Y
8	STD500 460-795604/10	10000.0173	2762.834515	250.0	338774.0	0.276283	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

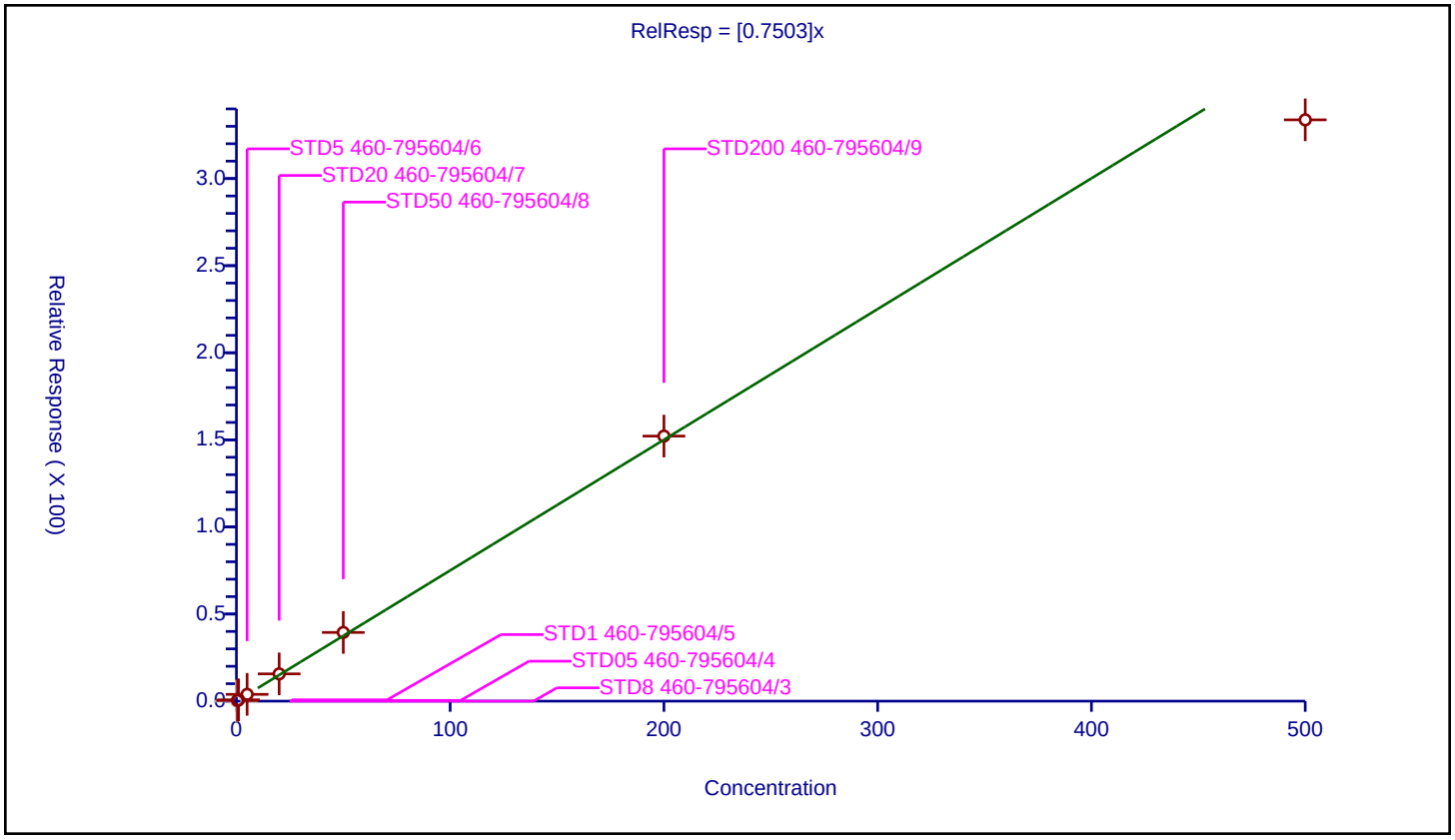
Curve Coefficients

Intercept:	0
Slope:	0.7503

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.361862	50.0	422813.0	0.723724	Y
3	STD1 460-795604/5	1.0	0.749951	50.0	415894.0	0.749951	Y
4	STD5 460-795604/6	5.0	3.896654	50.0	421323.0	0.779331	Y
5	STD20 460-795604/7	20.0	15.645831	50.0	419003.0	0.782292	Y
6	STD50 460-795604/8	50.0	39.438604	50.0	416569.0	0.788772	Y
7	STD200 460-795604/9	200.0	152.164281	50.0	418430.0	0.760821	Y
8	STD500 460-795604/10	500.0	333.711733	50.0	420499.0	0.667423	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

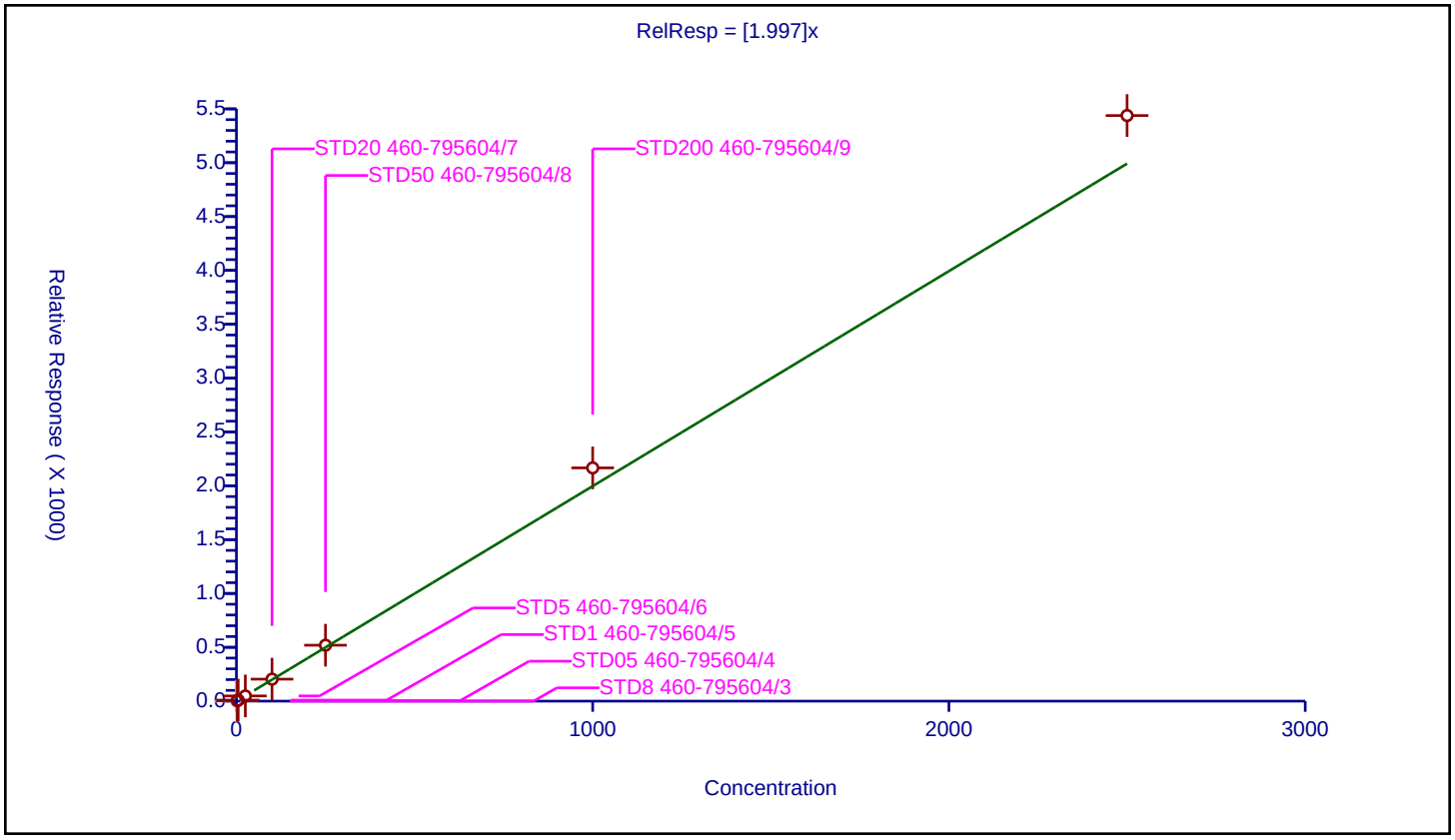
Curve Coefficients

Intercept:	0
Slope:	1.997

Error Coefficients

Standard Error:	3320000
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 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	2.5	4.223871	250.0	424137.0	1.689548	Y
3	STD1 460-795604/5	5.0	9.449937	250.0	416643.0	1.889987	Y
4	STD5 460-795604/6	25.0	48.450143	250.0	423781.0	1.938006	Y
5	STD20 460-795604/7	100.0	204.124499	250.0	434077.0	2.041245	Y
6	STD50 460-795604/8	250.0	519.215372	250.0	408410.0	2.076861	Y
7	STD200 460-795604/9	1000.0	2166.019572	250.0	382994.0	2.16602	Y
8	STD500 460-795604/10	2500.0	5438.226517	250.0	338774.0	2.175291	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

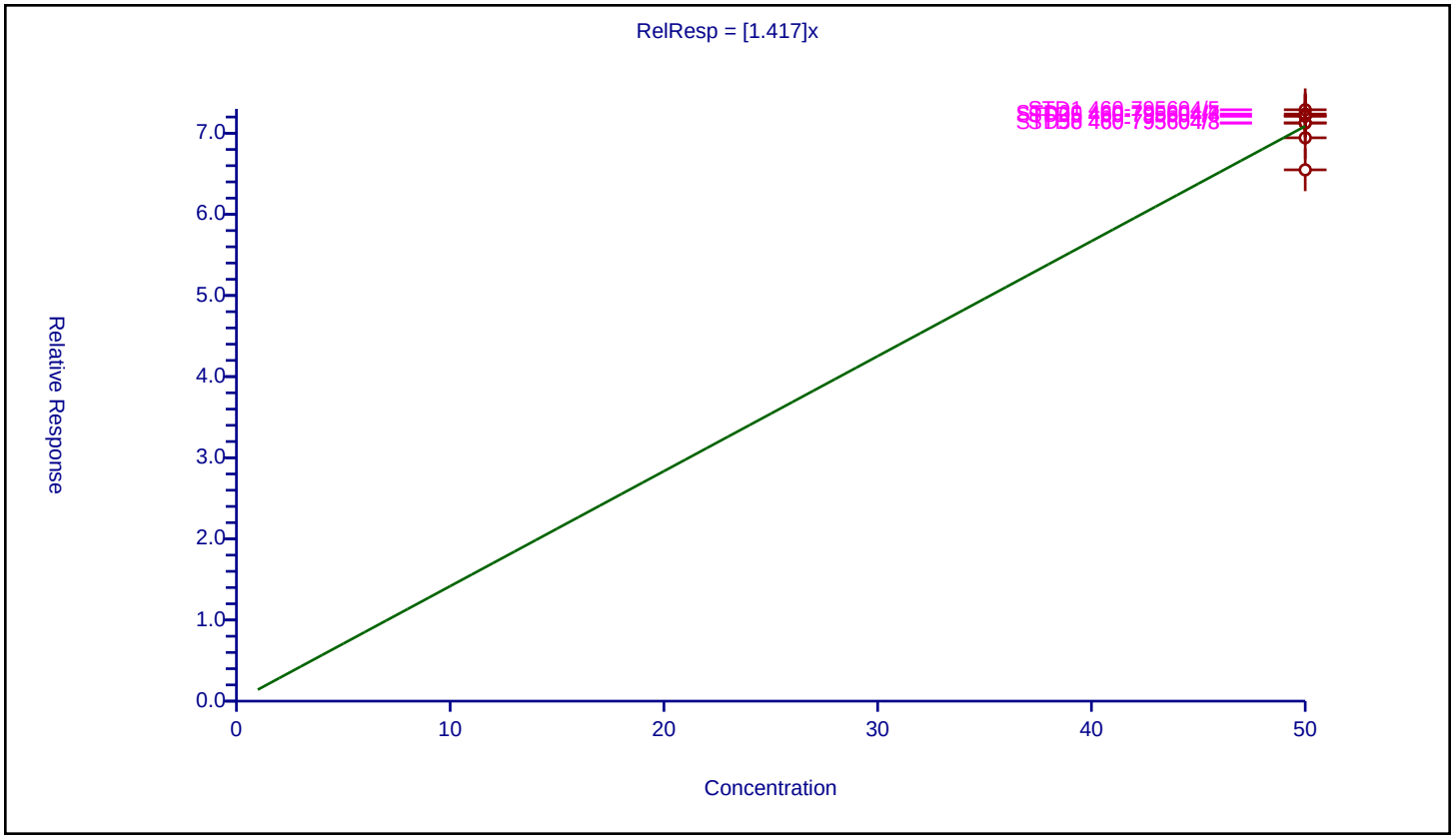
Curve Coefficients

Intercept:	0
Slope:	1.417

Error Coefficients

Standard Error:	636000
Relative Standard Error:	3.4
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	50.0	71.268307	50.0	422382.0	1.425366	Y
2	STD05 460-795604/4	50.0	72.127631	50.0	422813.0	1.442553	Y
3	STD1 460-795604/5	50.0	72.893935	50.0	415894.0	1.457879	Y
4	STD5 460-795604/6	50.0	72.110115	50.0	421323.0	1.442202	Y
5	STD20 460-795604/7	50.0	72.362608	50.0	419003.0	1.447252	Y
6	STD50 460-795604/8	50.0	71.264424	50.0	416569.0	1.425288	Y
7	STD200 460-795604/9	50.0	69.439452	50.0	418430.0	1.388789	Y
8	STD500 460-795604/10	50.0	65.487076	50.0	420499.0	1.309742	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

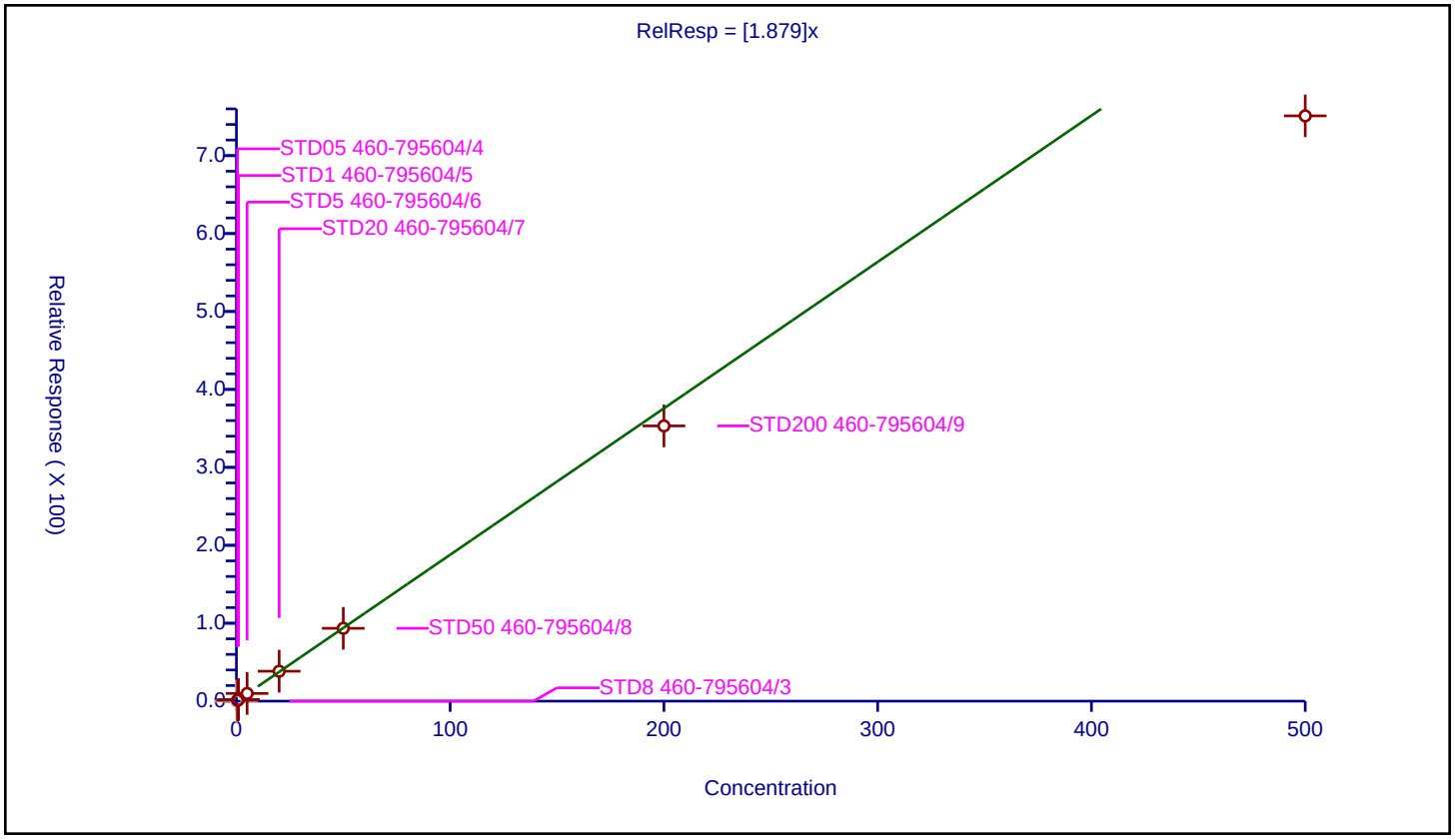
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Standard Error:	2870000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	1.066074	50.0	422813.0	2.132148	Y
3	STD1 460-795604/5	1.0	1.991373	50.0	415894.0	1.991373	Y
4	STD5 460-795604/6	5.0	9.850281	50.0	421323.0	1.970056	Y
5	STD20 460-795604/7	20.0	38.401396	50.0	419003.0	1.92007	Y
6	STD50 460-795604/8	50.0	93.457746	50.0	416569.0	1.869155	Y
7	STD200 460-795604/9	200.0	353.189422	50.0	418430.0	1.765947	Y
8	STD500 460-795604/10	500.0	751.028064	50.0	420499.0	1.502056	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

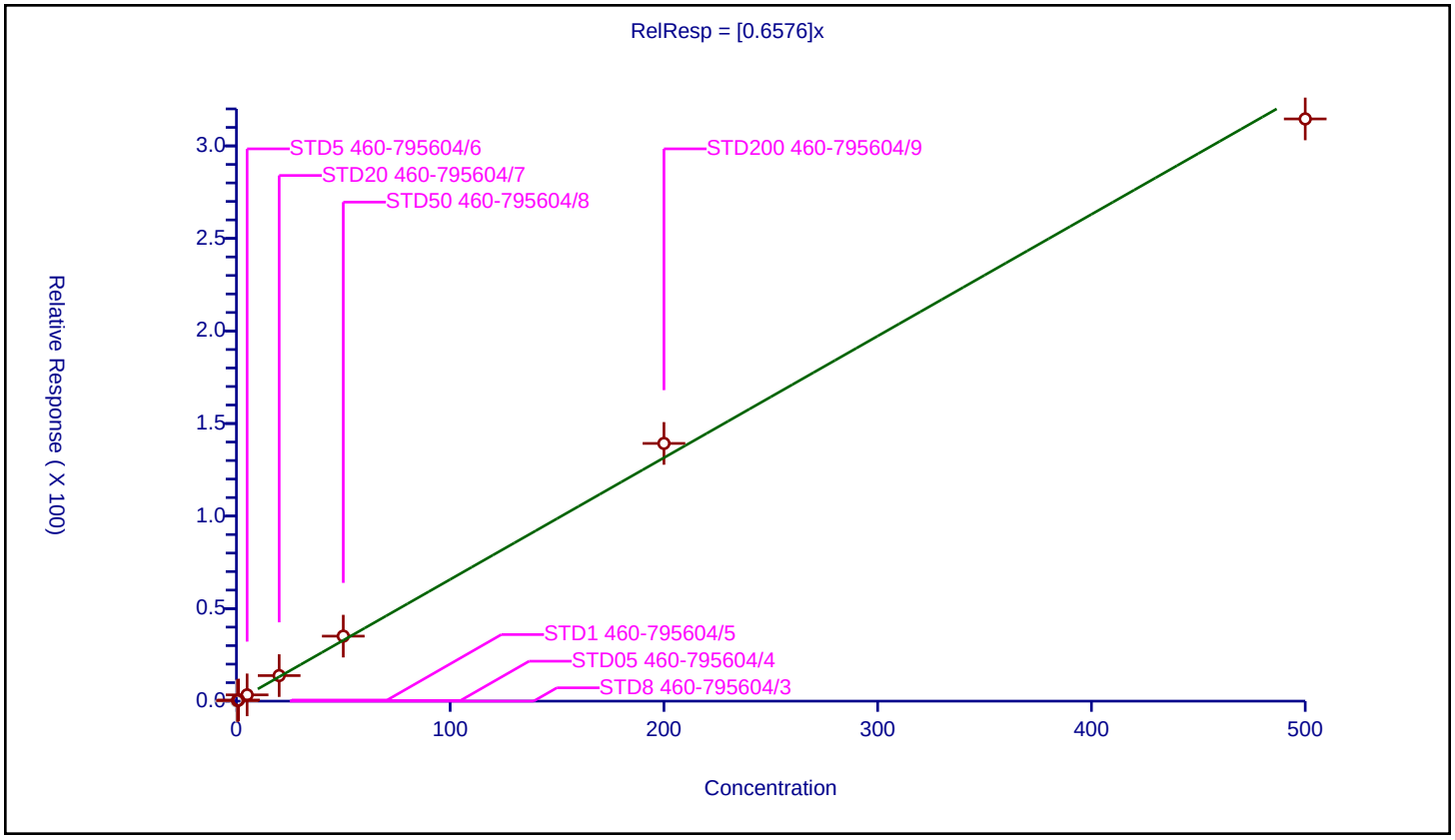
Curve Coefficients

Intercept:	0
Slope:	0.6576

Error Coefficients

Standard Error:	1190000
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 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.305336	50.0	422813.0	0.610672	Y
3	STD1 460-795604/5	1.0	0.595945	50.0	415894.0	0.595945	Y
4	STD5 460-795604/6	5.0	3.389561	50.0	421323.0	0.677912	Y
5	STD20 460-795604/7	20.0	13.809448	50.0	419003.0	0.690472	Y
6	STD50 460-795604/8	50.0	35.121552	50.0	416569.0	0.702431	Y
7	STD200 460-795604/9	200.0	139.25567	50.0	418430.0	0.696278	Y
8	STD500 460-795604/10	500.0	314.5734	50.0	420499.0	0.629147	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

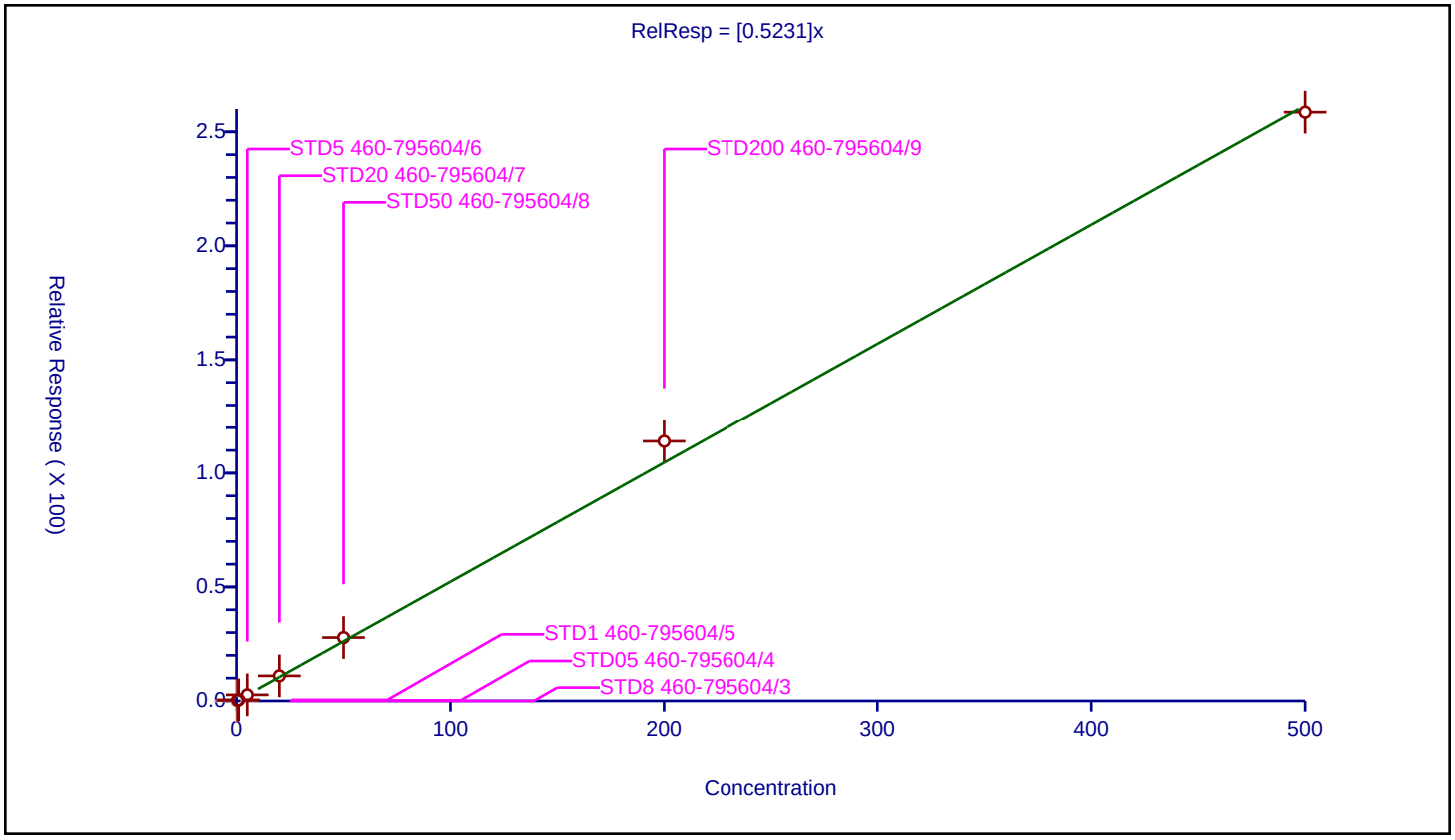
Curve Coefficients

Intercept:	0
Slope:	0.5231

Error Coefficients

Standard Error:	975000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.22776	50.0	422813.0	0.455521	Y
3	STD1 460-795604/5	1.0	0.478968	50.0	415894.0	0.478968	Y
4	STD5 460-795604/6	5.0	2.670279	50.0	421323.0	0.534056	Y
5	STD20 460-795604/7	20.0	10.99658	50.0	419003.0	0.549829	Y
6	STD50 460-795604/8	50.0	27.807638	50.0	416569.0	0.556153	Y
7	STD200 460-795604/9	200.0	114.02409	50.0	418430.0	0.57012	Y
8	STD500 460-795604/10	500.0	258.617143	50.0	420499.0	0.517234	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

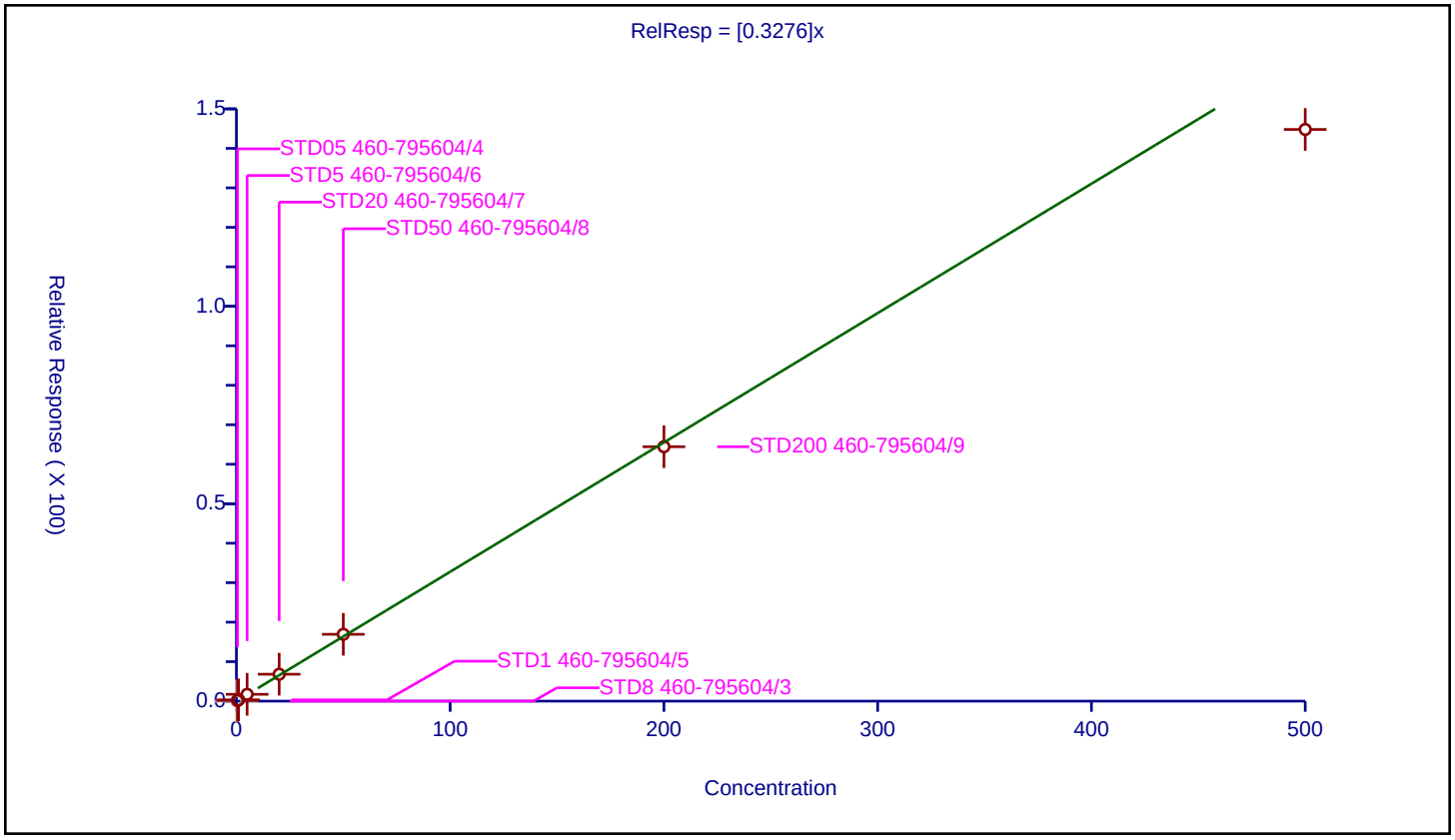
Curve Coefficients

Intercept:	0
Slope:	0.3276

Error Coefficients

Standard Error:	547000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.164139	50.0	422813.0	0.328278	Y
3	STD1 460-795604/5	1.0	0.327367	50.0	415894.0	0.327367	Y
4	STD5 460-795604/6	5.0	1.7324	50.0	421323.0	0.34648	Y
5	STD20 460-795604/7	20.0	6.814629	50.0	419003.0	0.340731	Y
6	STD50 460-795604/8	50.0	16.929488	50.0	416569.0	0.33859	Y
7	STD200 460-795604/9	200.0	64.434911	50.0	418430.0	0.322175	Y
8	STD500 460-795604/10	500.0	144.79	50.0	420499.0	0.28958	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

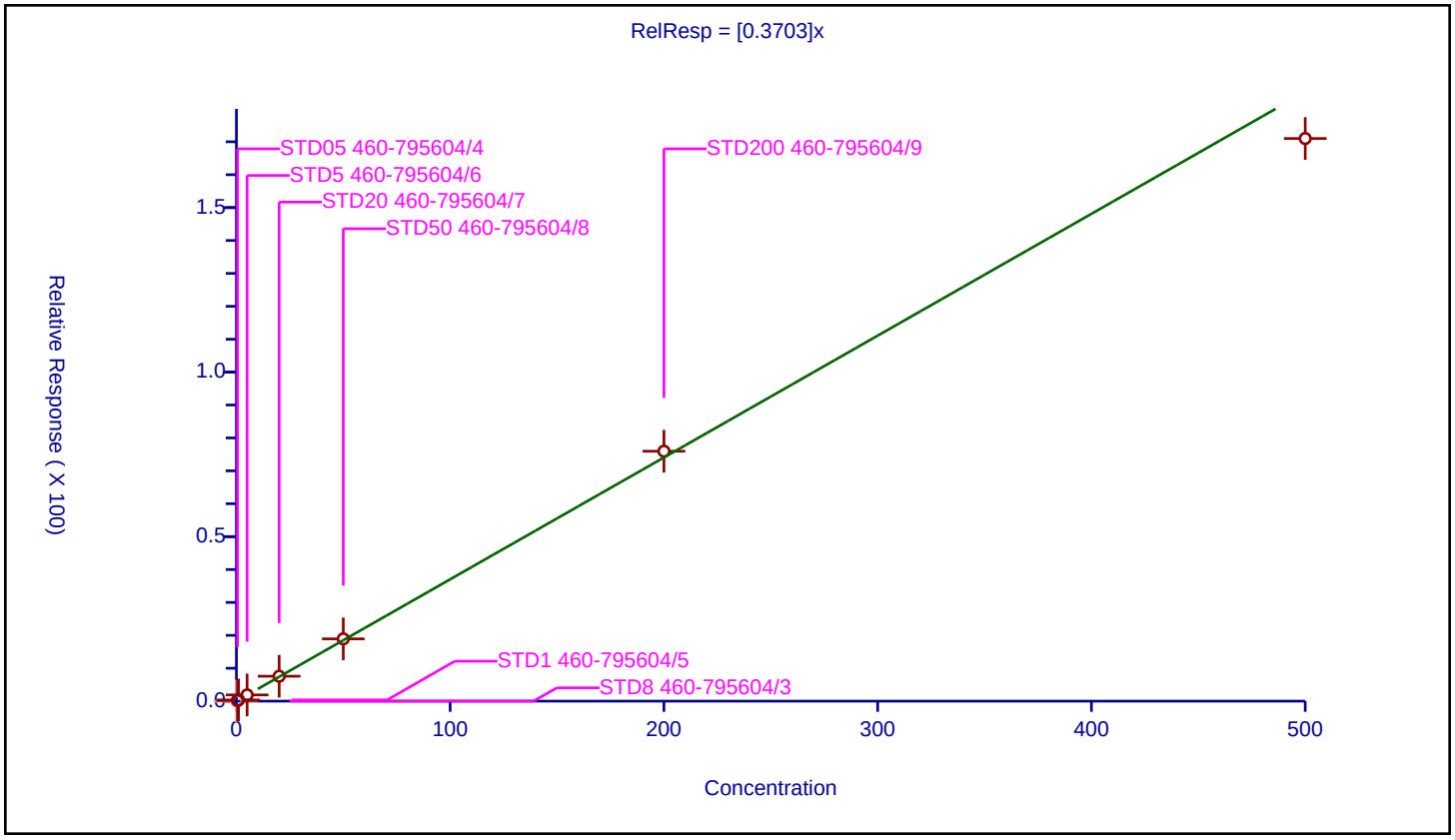
Curve Coefficients

Intercept:	0
Slope:	0.3703

Error Coefficients

Standard Error:	646000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.186489	50.0	422813.0	0.372978	Y
3	STD1 460-795604/5	1.0	0.36127	50.0	415894.0	0.36127	Y
4	STD5 460-795604/6	5.0	1.893559	50.0	421323.0	0.378712	Y
5	STD20 460-795604/7	20.0	7.570352	50.0	419003.0	0.378518	Y
6	STD50 460-795604/8	50.0	18.931918	50.0	416569.0	0.378638	Y
7	STD200 460-795604/9	200.0	75.9593	50.0	418430.0	0.379797	Y
8	STD500 460-795604/10	500.0	170.998147	50.0	420499.0	0.341996	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

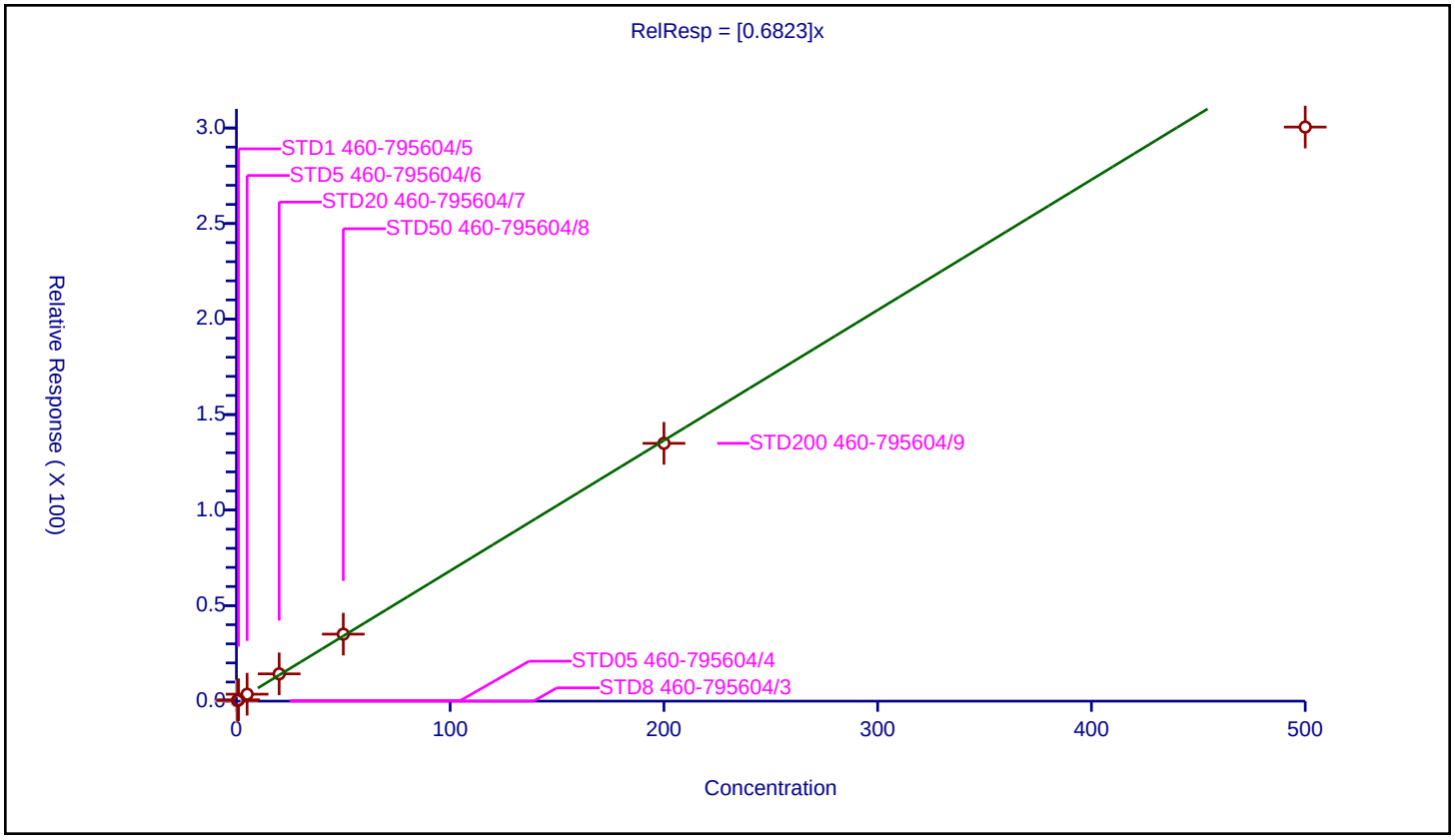
Curve Coefficients

Intercept:	0
Slope:	0.6823

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.326149	50.0	422813.0	0.652298	Y
3	STD1 460-795604/5	1.0	0.707512	50.0	415894.0	0.707512	Y
4	STD5 460-795604/6	5.0	3.626671	50.0	421323.0	0.725334	Y
5	STD20 460-795604/7	20.0	14.281401	50.0	419003.0	0.71407	Y
6	STD50 460-795604/8	50.0	35.06862	50.0	416569.0	0.701372	Y
7	STD200 460-795604/9	200.0	134.94336	50.0	418430.0	0.674717	Y
8	STD500 460-795604/10	500.0	300.491083	50.0	420499.0	0.600982	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

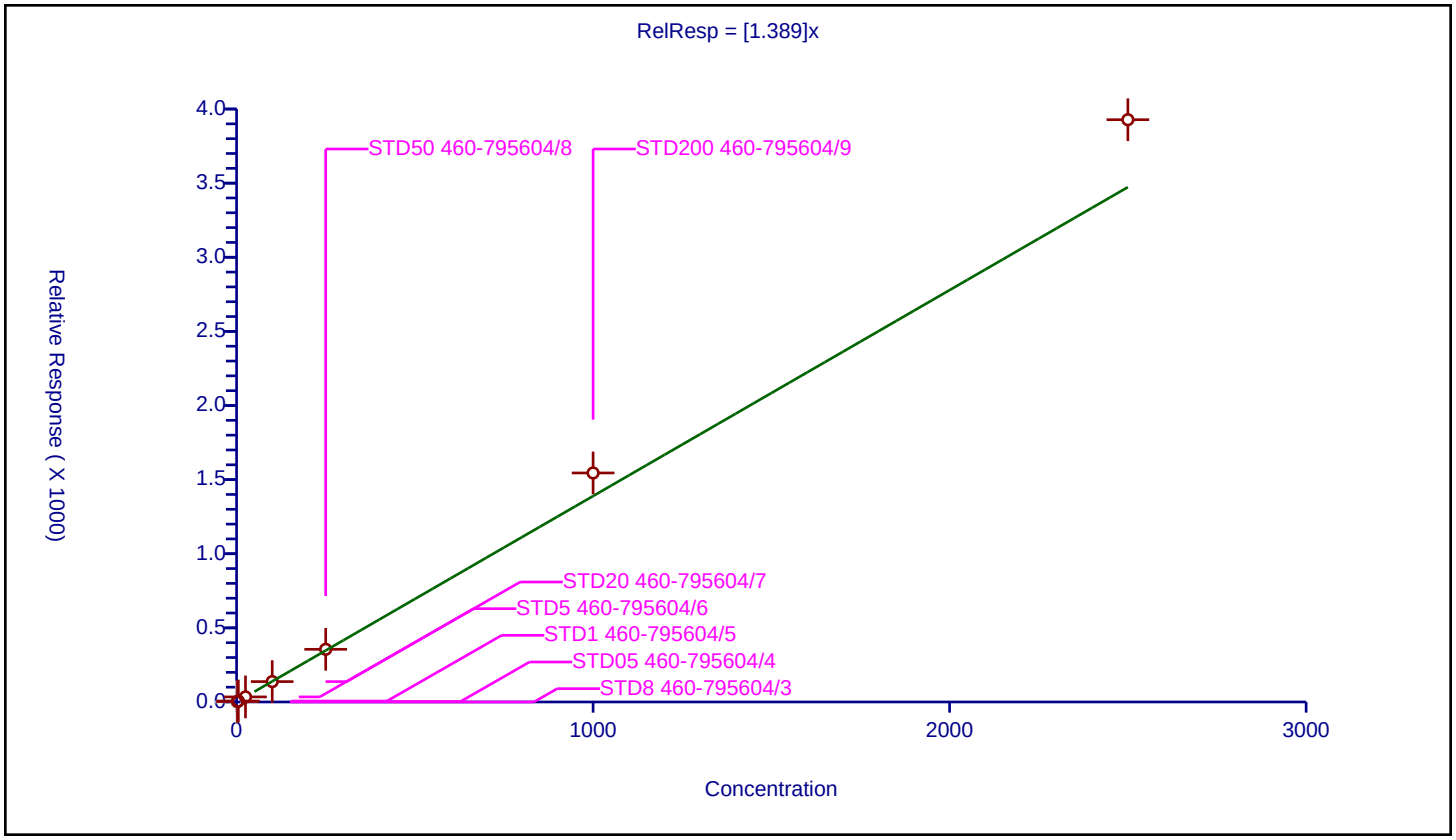
Curve Coefficients

Intercept:	0
Slope:	1.389

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	250.0	432189.0	NaN	N
2	STD05 460-795604/4	2.5	2.945982	250.0	424137.0	1.178393	Y
3	STD1 460-795604/5	5.0	6.322559	250.0	416643.0	1.264512	Y
4	STD5 460-795604/6	25.0	34.222865	250.0	423781.0	1.368915	Y
5	STD20 460-795604/7	100.0	137.52226	250.0	434077.0	1.375223	Y
6	STD50 460-795604/8	250.0	355.33961	250.0	408410.0	1.421358	Y
7	STD200 460-795604/9	1000.0	1544.919111	250.0	382994.0	1.544919	Y
8	STD500 460-795604/10	2500.0	3927.828729	250.0	338774.0	1.571131	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

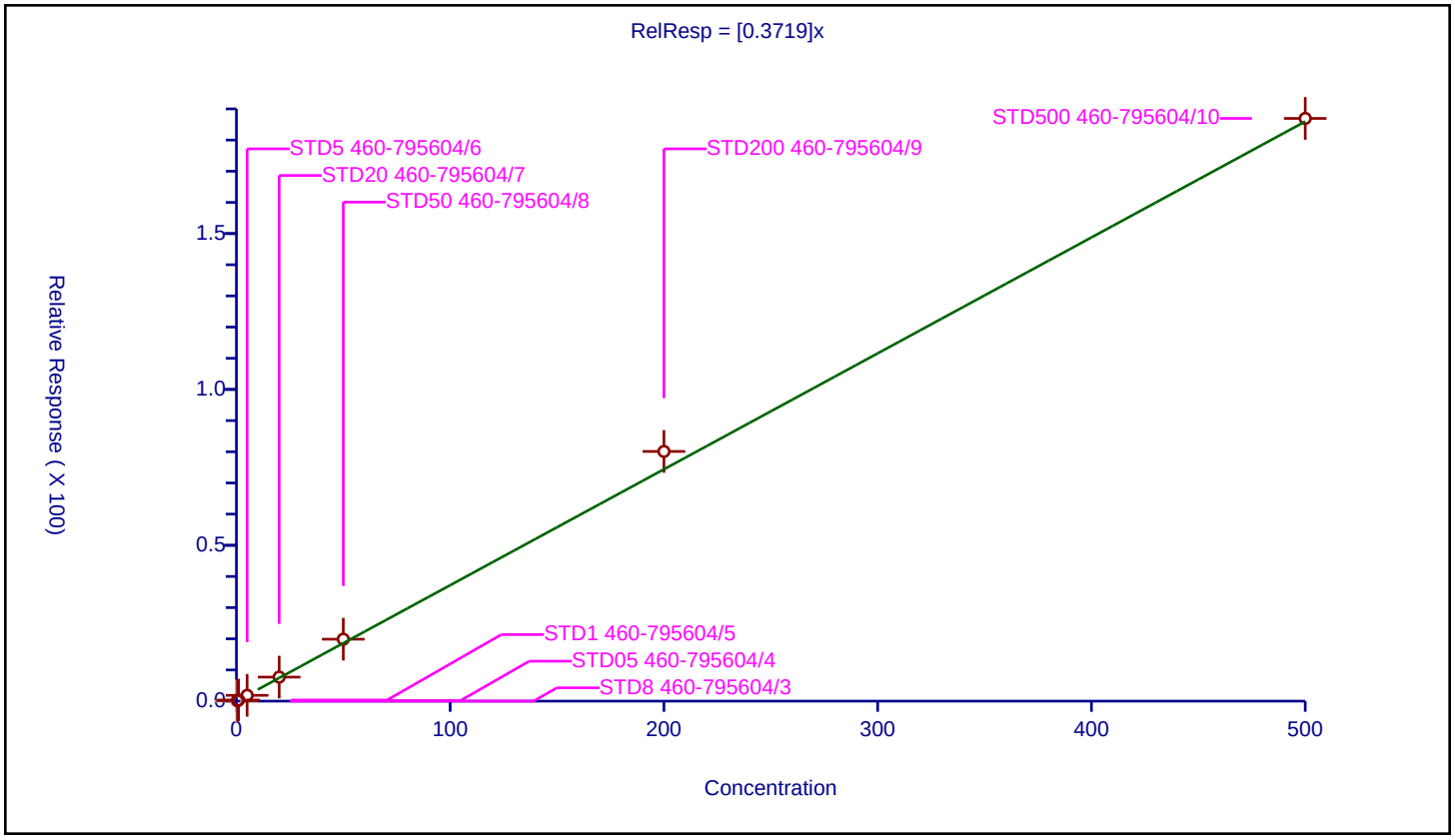
Curve Coefficients

Intercept:	0
Slope:	0.3719

Error Coefficients

Standard Error:	701000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.15929	50.0	422813.0	0.318581	Y
3	STD1 460-795604/5	1.0	0.354898	50.0	415894.0	0.354898	Y
4	STD5 460-795604/6	5.0	1.861042	50.0	421323.0	0.372208	Y
5	STD20 460-795604/7	20.0	7.715339	50.0	419003.0	0.385767	Y
6	STD50 460-795604/8	50.0	19.871018	50.0	416569.0	0.39742	Y
7	STD200 460-795604/9	200.0	80.111727	50.0	418430.0	0.400559	Y
8	STD500 460-795604/10	500.0	186.937424	50.0	420499.0	0.373875	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

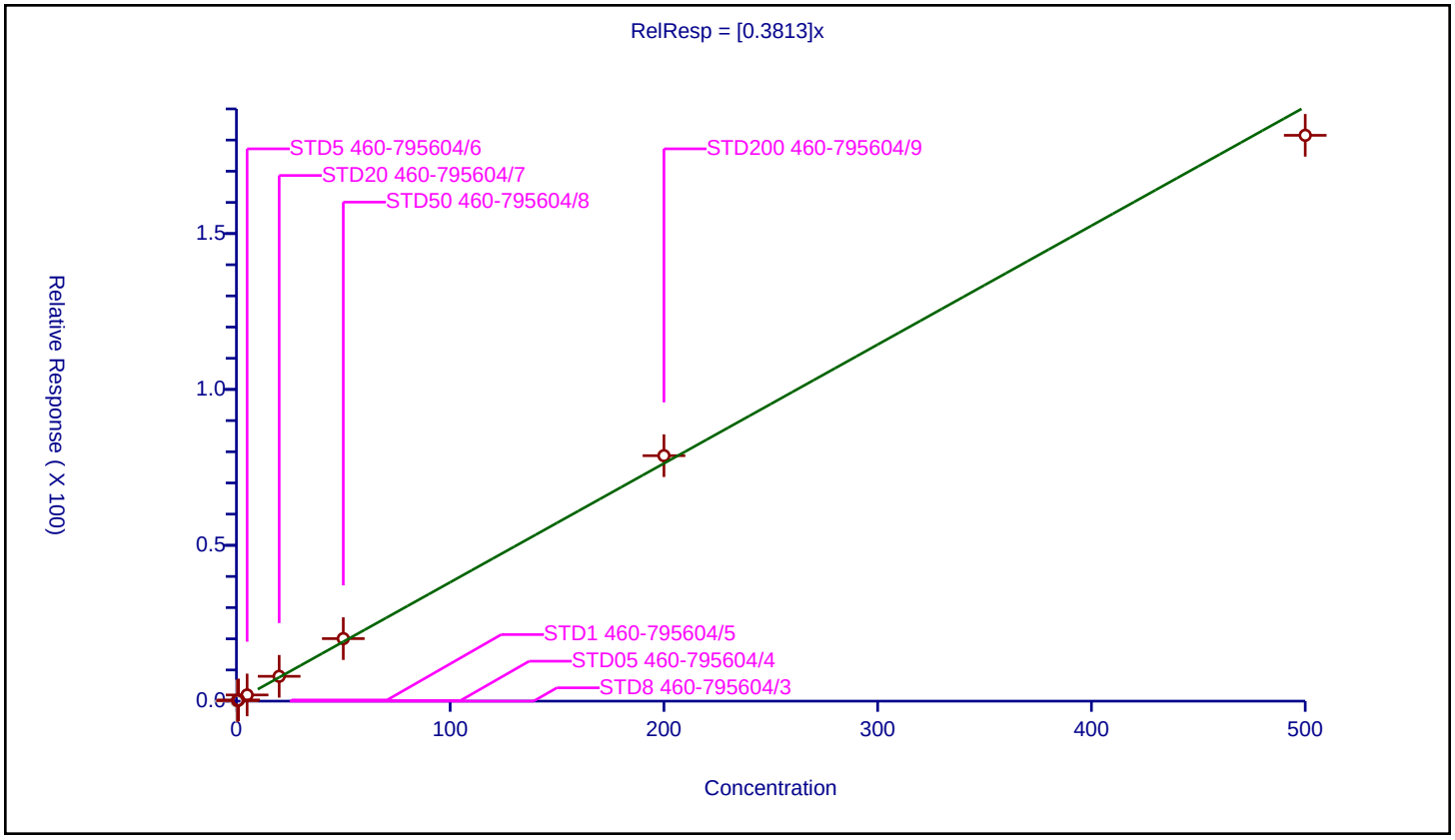
Curve Coefficients

Intercept:	0
Slope:	0.3813

Error Coefficients

Standard Error:	683000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.169105	50.0	422813.0	0.338211	Y
3	STD1 460-795604/5	1.0	0.376899	50.0	415894.0	0.376899	Y
4	STD5 460-795604/6	5.0	1.989566	50.0	421323.0	0.397913	Y
5	STD20 460-795604/7	20.0	7.964621	50.0	419003.0	0.398231	Y
6	STD50 460-795604/8	50.0	20.059702	50.0	416569.0	0.401194	Y
7	STD200 460-795604/9	200.0	78.746983	50.0	418430.0	0.393735	Y
8	STD500 460-795604/10	500.0	181.52671	50.0	420499.0	0.363053	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

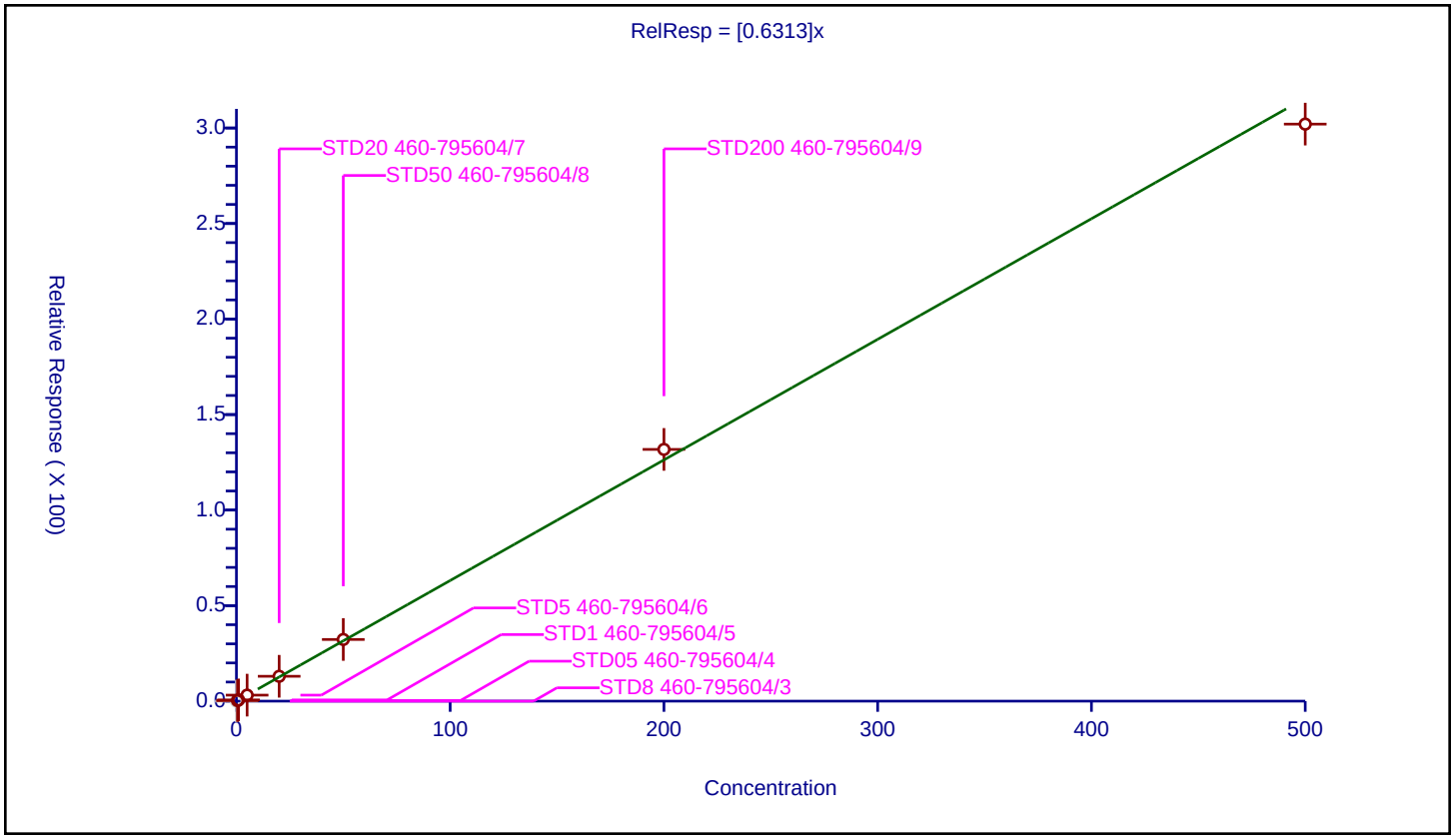
Curve Coefficients

Intercept:	0
Slope:	0.6313

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.300251	50.0	422813.0	0.600502	Y
3	STD1 460-795604/5	1.0	0.63081	50.0	415894.0	0.63081	Y
4	STD5 460-795604/6	5.0	3.143432	50.0	421323.0	0.628686	Y
5	STD20 460-795604/7	20.0	13.008141	50.0	419003.0	0.650407	Y
6	STD50 460-795604/8	50.0	32.286008	50.0	416569.0	0.64572	Y
7	STD200 460-795604/9	200.0	131.757522	50.0	418430.0	0.658788	Y
8	STD500 460-795604/10	500.0	302.039482	50.0	420499.0	0.604079	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

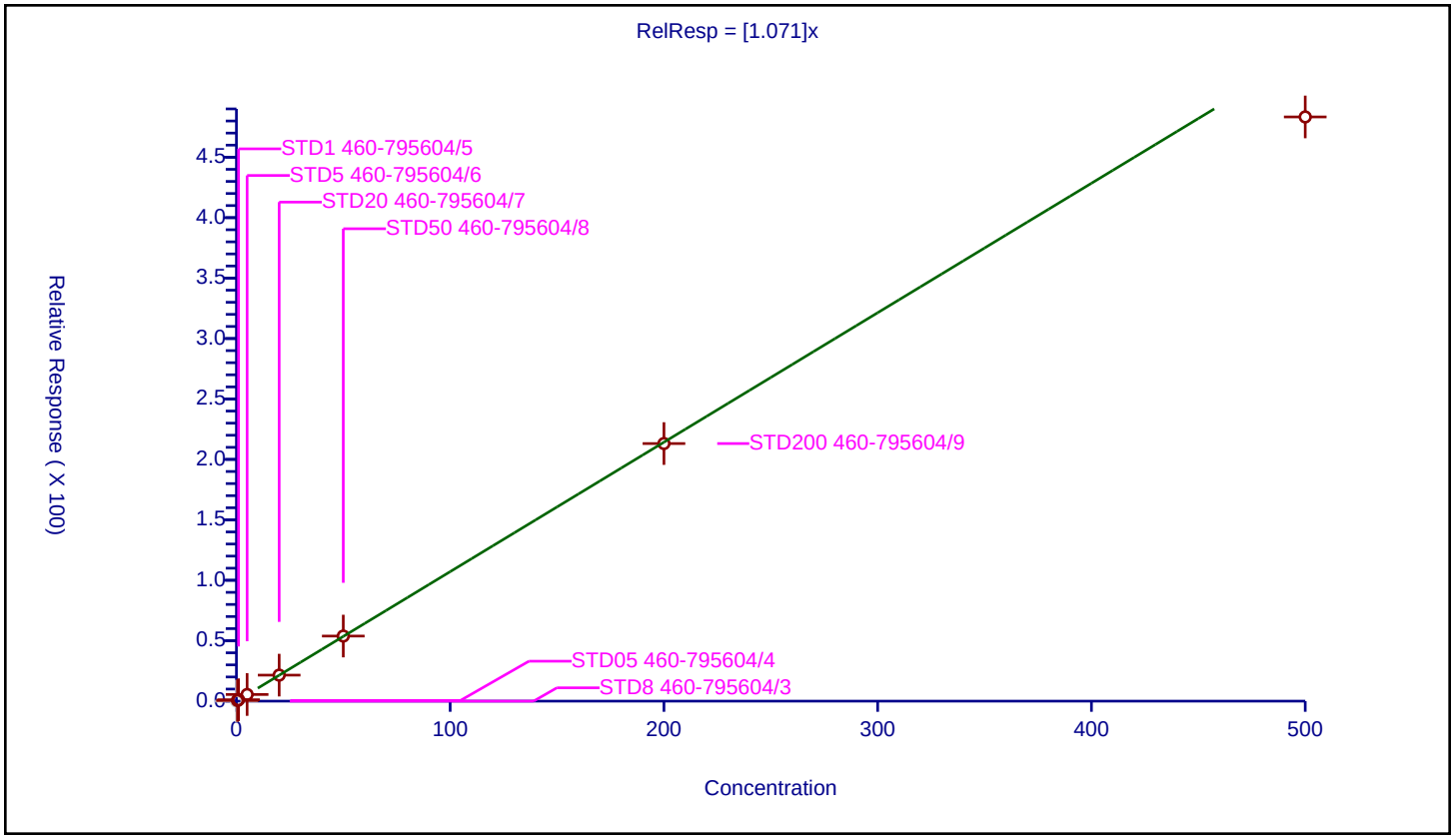
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	1820000
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 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.531795	50.0	422813.0	1.063591	Y
3	STD1 460-795604/5	1.0	1.150293	50.0	415894.0	1.150293	Y
4	STD5 460-795604/6	5.0	5.495902	50.0	421323.0	1.09918	Y
5	STD20 460-795604/7	20.0	21.518939	50.0	419003.0	1.075947	Y
6	STD50 460-795604/8	50.0	53.851703	50.0	416569.0	1.077034	Y
7	STD200 460-795604/9	200.0	213.121311	50.0	418430.0	1.065607	Y
8	STD500 460-795604/10	500.0	483.35002	50.0	420499.0	0.9667	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

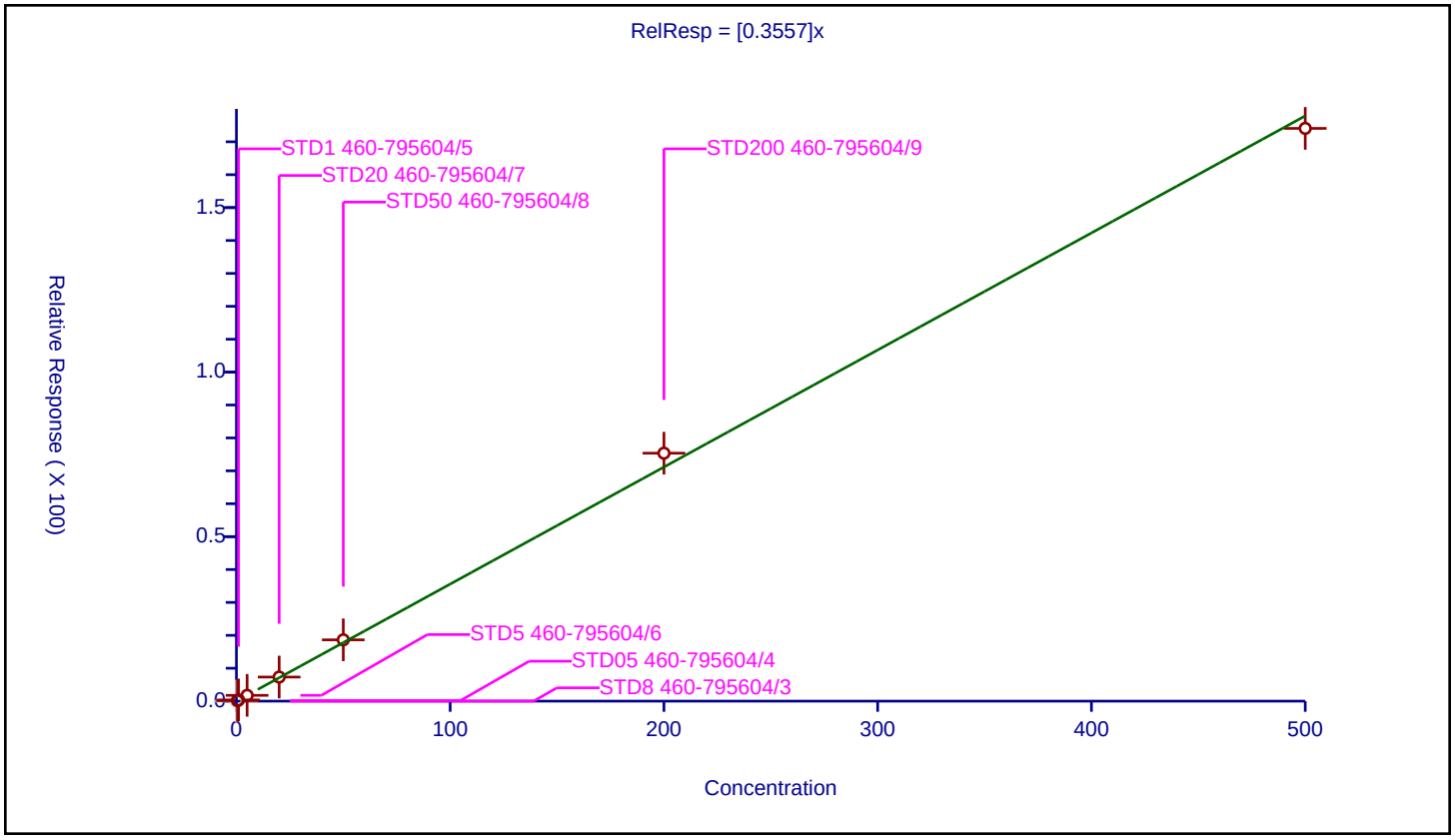
Curve Coefficients

Intercept:	0
Slope:	0.3557

Error Coefficients

Standard Error:	654000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.157162	50.0	422813.0	0.314323	Y
3	STD1 460-795604/5	1.0	0.359587	50.0	415894.0	0.359587	Y
4	STD5 460-795604/6	5.0	1.764205	50.0	421323.0	0.352841	Y
5	STD20 460-795604/7	20.0	7.317728	50.0	419003.0	0.365886	Y
6	STD50 460-795604/8	50.0	18.630767	50.0	416569.0	0.372615	Y
7	STD200 460-795604/9	200.0	75.355018	50.0	418430.0	0.376775	Y
8	STD500 460-795604/10	500.0	174.070569	50.0	420499.0	0.348141	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

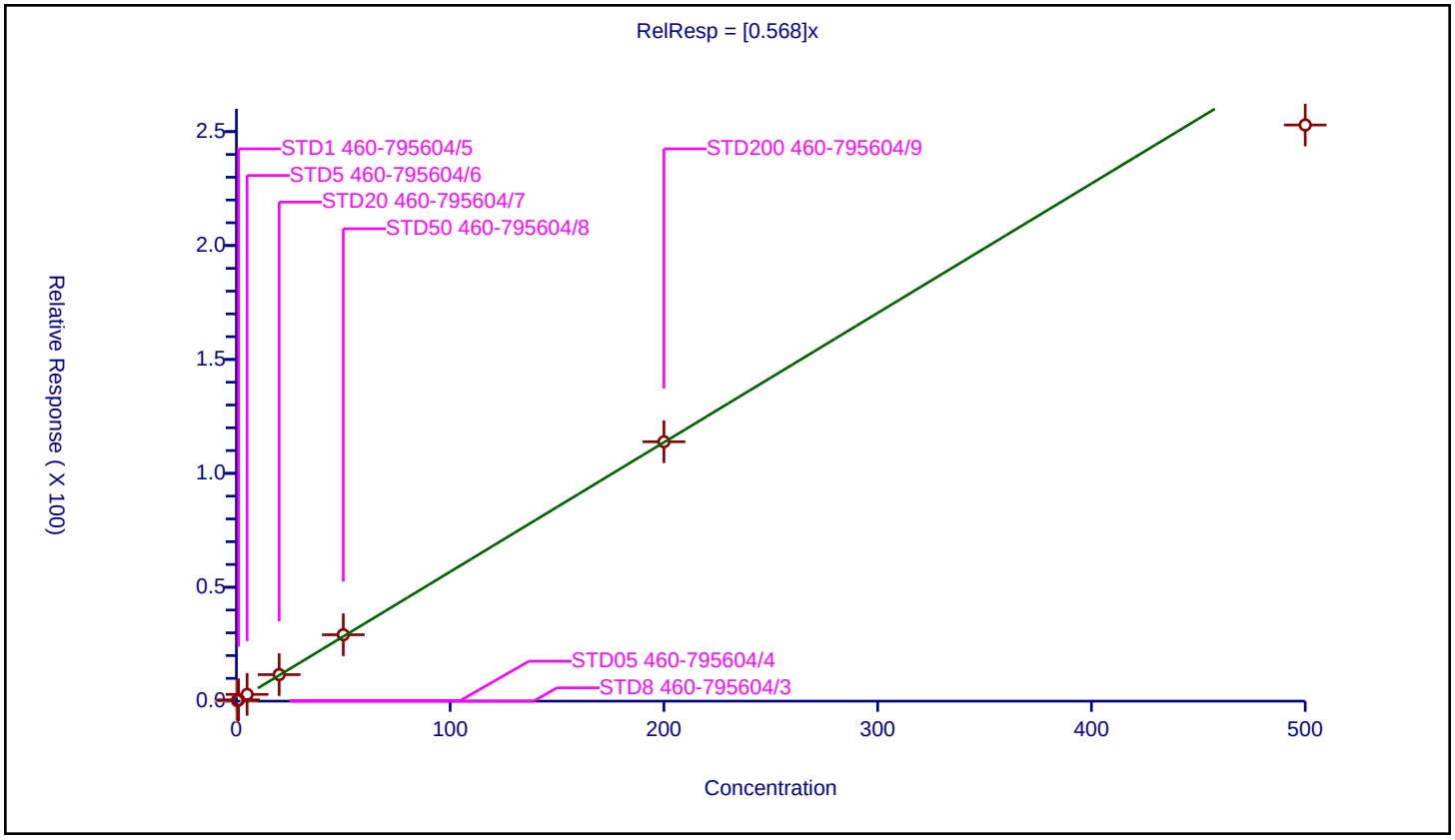
Curve Coefficients

Intercept:	0
Slope:	0.568

Error Coefficients

Standard Error:	957000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.279556	50.0	422813.0	0.559112	Y
3	STD1 460-795604/5	1.0	0.584043	50.0	415894.0	0.584043	Y
4	STD5 460-795604/6	5.0	2.962929	50.0	421323.0	0.592586	Y
5	STD20 460-795604/7	20.0	11.64395	50.0	419003.0	0.582198	Y
6	STD50 460-795604/8	50.0	29.147632	50.0	416569.0	0.582953	Y
7	STD200 460-795604/9	200.0	113.881772	50.0	418430.0	0.569409	Y
8	STD500 460-795604/10	500.0	252.928188	50.0	420499.0	0.505856	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

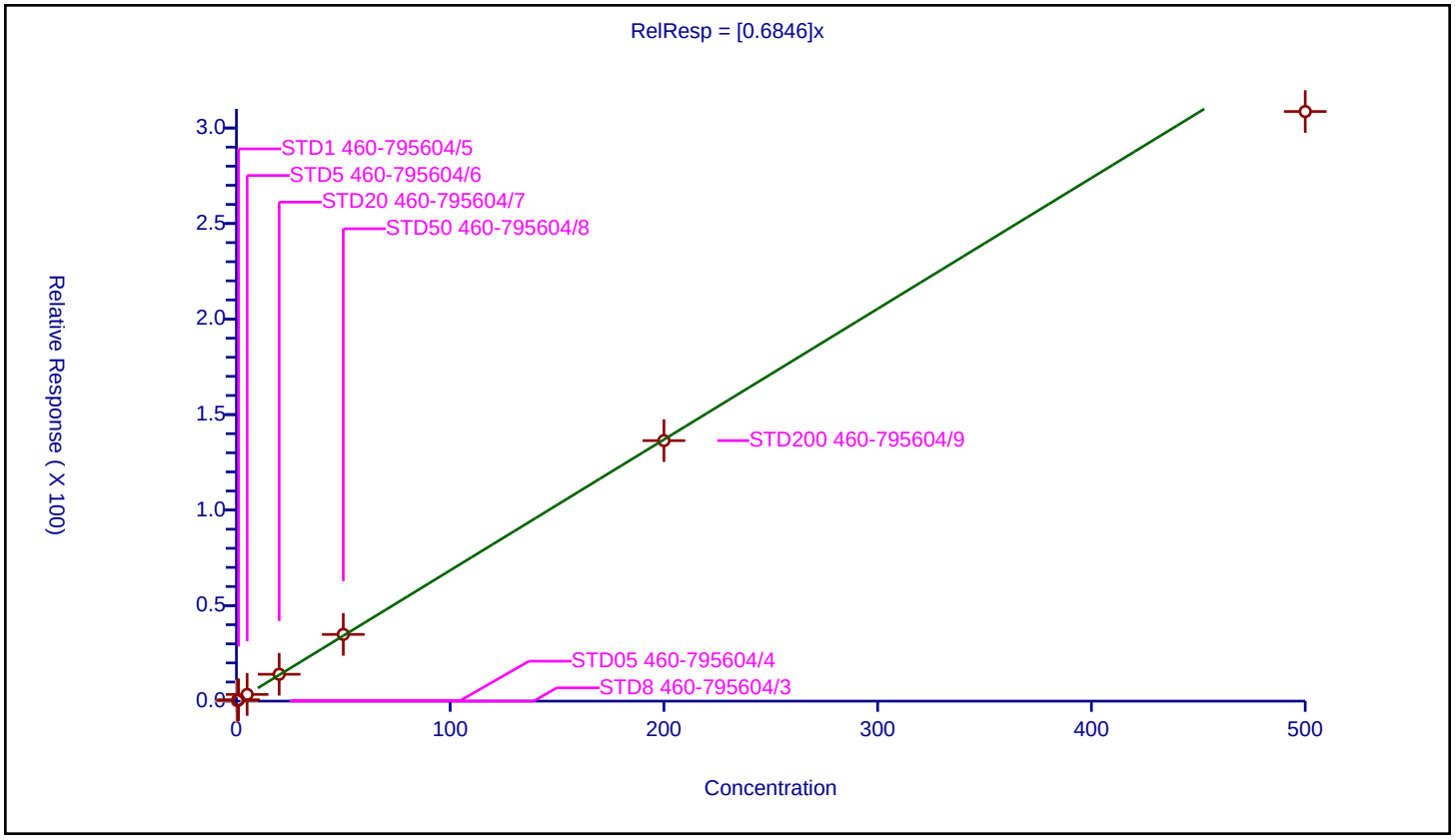
Curve Coefficients

Intercept:	0
Slope:	0.6846

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.33691	50.0	422813.0	0.67382	Y
3	STD1 460-795604/5	1.0	0.71701	50.0	415894.0	0.71701	Y
4	STD5 460-795604/6	5.0	3.502182	50.0	421323.0	0.700436	Y
5	STD20 460-795604/7	20.0	14.063742	50.0	419003.0	0.703187	Y
6	STD50 460-795604/8	50.0	34.931068	50.0	416569.0	0.698621	Y
7	STD200 460-795604/9	200.0	136.368449	50.0	418430.0	0.681842	Y
8	STD500 460-795604/10	500.0	308.627488	50.0	420499.0	0.617255	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

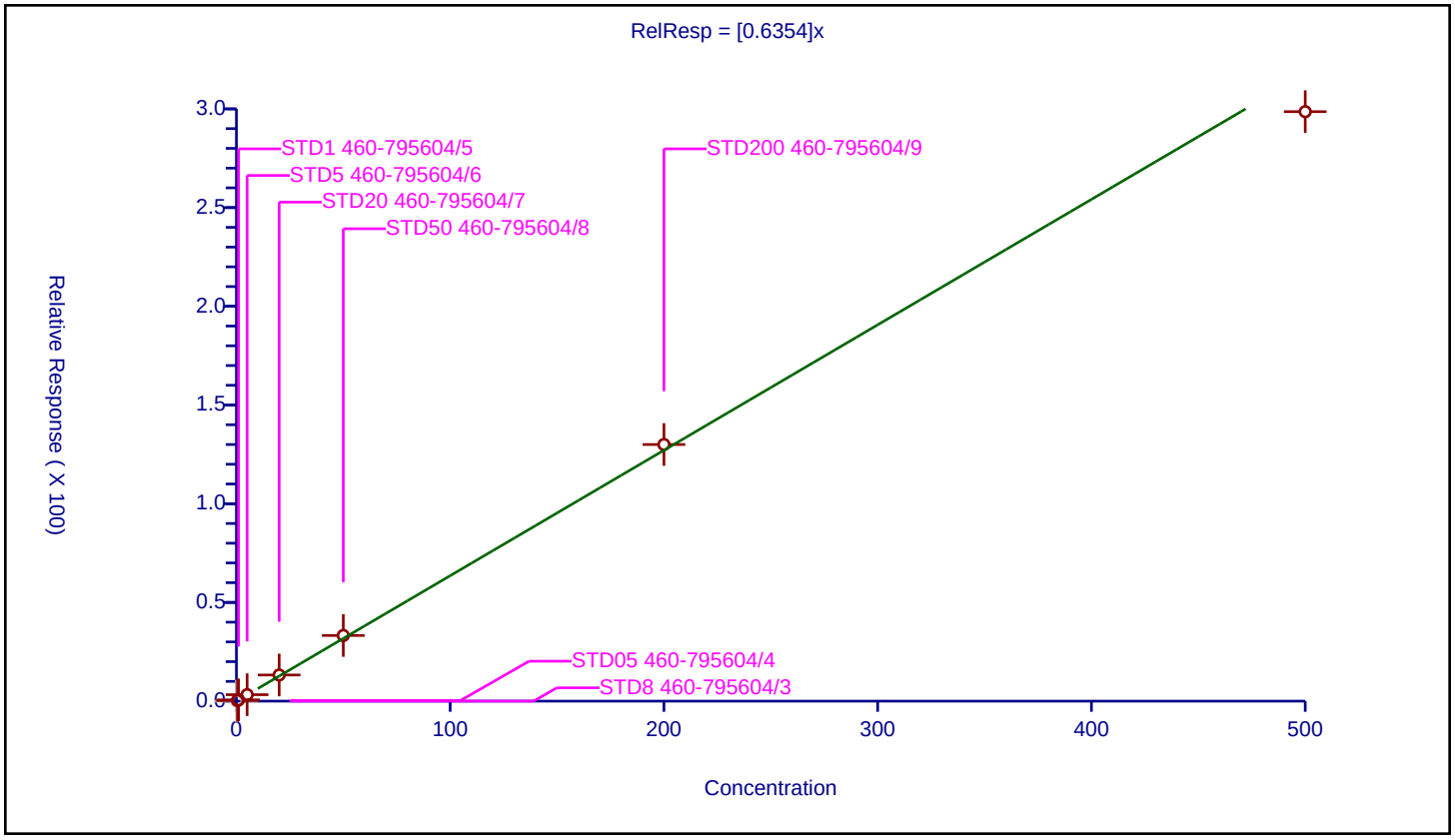
Curve Coefficients

Intercept:	0
Slope:	0.6354

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.286888	50.0	422813.0	0.573776	Y
3	STD1 460-795604/5	1.0	0.644876	50.0	415894.0	0.644876	Y
4	STD5 460-795604/6	5.0	3.274922	50.0	421323.0	0.654984	Y
5	STD20 460-795604/7	20.0	13.240955	50.0	419003.0	0.662048	Y
6	STD50 460-795604/8	50.0	33.260276	50.0	416569.0	0.665206	Y
7	STD200 460-795604/9	200.0	129.991038	50.0	418430.0	0.649955	Y
8	STD500 460-795604/10	500.0	298.602969	50.0	420499.0	0.597206	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

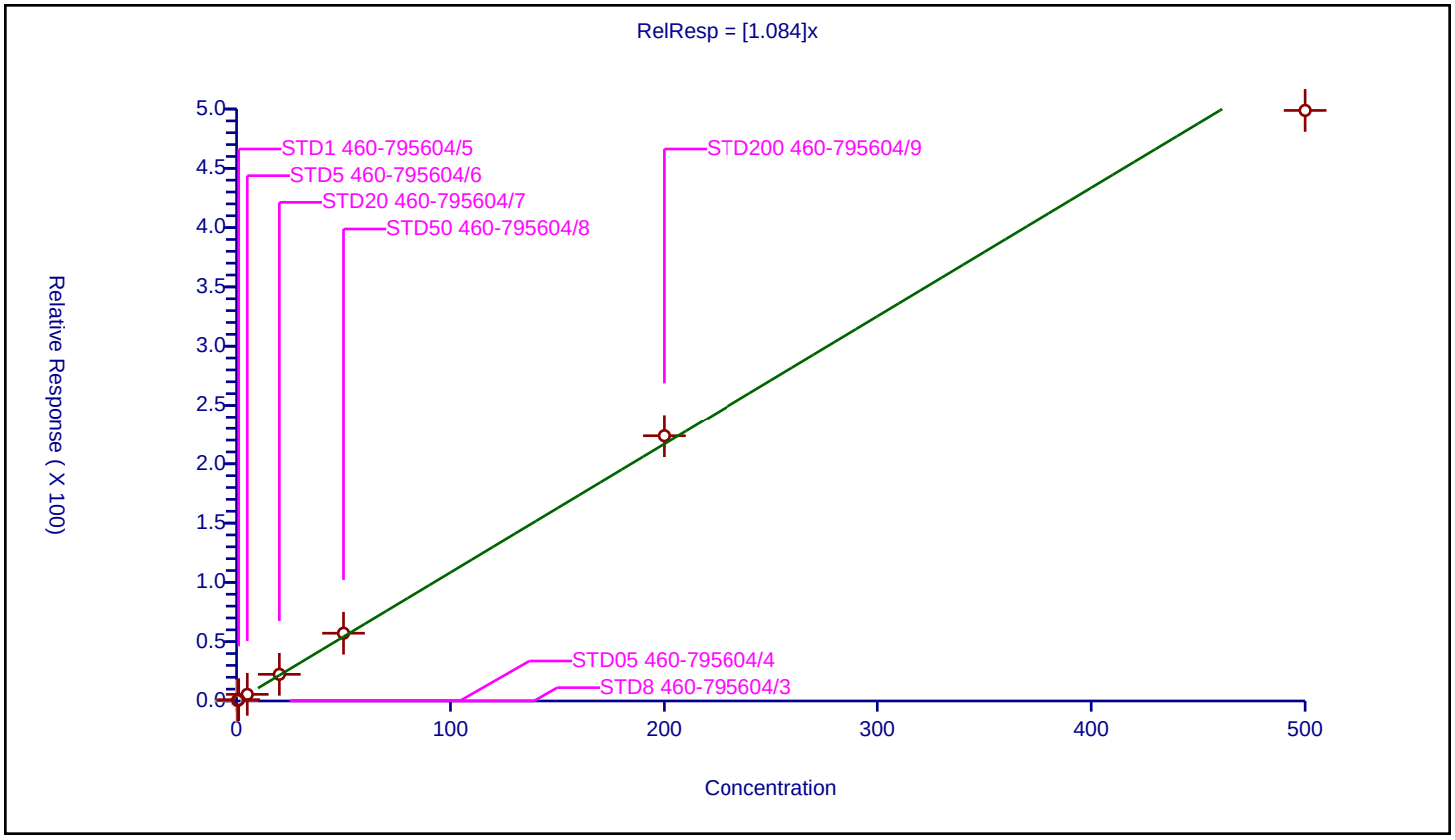
Curve Coefficients

Intercept:	0
Slope:	1.084

Error Coefficients

Standard Error:	1890000
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 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.489578	50.0	422813.0	0.979156	Y
3	STD1 460-795604/5	1.0	1.109177	50.0	415894.0	1.109177	Y
4	STD5 460-795604/6	5.0	5.586569	50.0	421323.0	1.117314	Y
5	STD20 460-795604/7	20.0	22.472035	50.0	419003.0	1.123602	Y
6	STD50 460-795604/8	50.0	57.138193	50.0	416569.0	1.142764	Y
7	STD200 460-795604/9	200.0	223.667997	50.0	418430.0	1.11834	Y
8	STD500 460-795604/10	500.0	498.815931	50.0	420499.0	0.997632	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

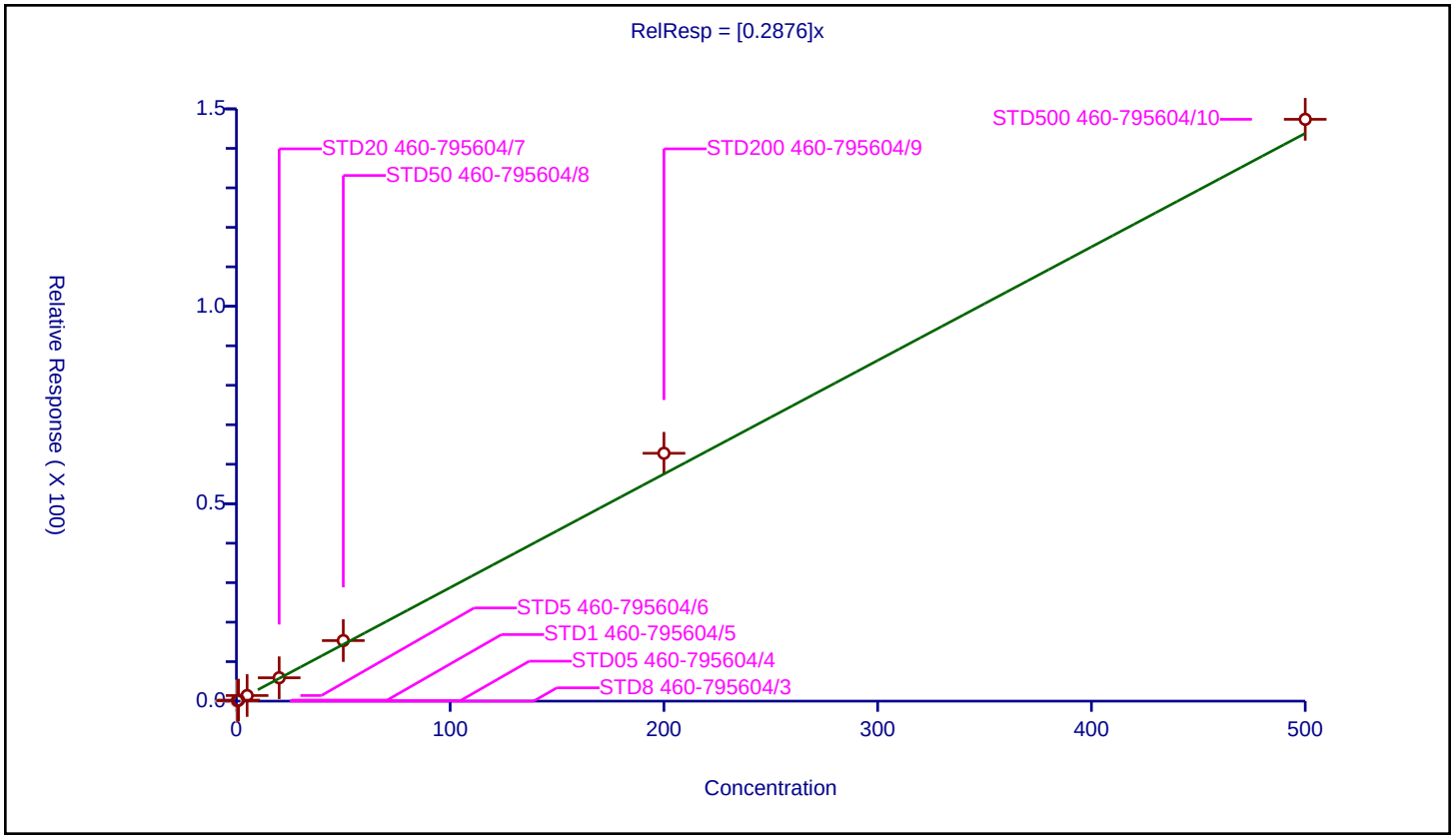
Curve Coefficients

Intercept:	0
Slope:	0.2876

Error Coefficients

Standard Error:	552000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.127716	50.0	422813.0	0.255432	Y
3	STD1 460-795604/5	1.0	0.262447	50.0	415894.0	0.262447	Y
4	STD5 460-795604/6	5.0	1.420407	50.0	421323.0	0.284081	Y
5	STD20 460-795604/7	20.0	5.920363	50.0	419003.0	0.296018	Y
6	STD50 460-795604/8	50.0	15.337915	50.0	416569.0	0.306758	Y
7	STD200 460-795604/9	200.0	62.77645	50.0	418430.0	0.313882	Y
8	STD500 460-795604/10	500.0	147.359447	50.0	420499.0	0.294719	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

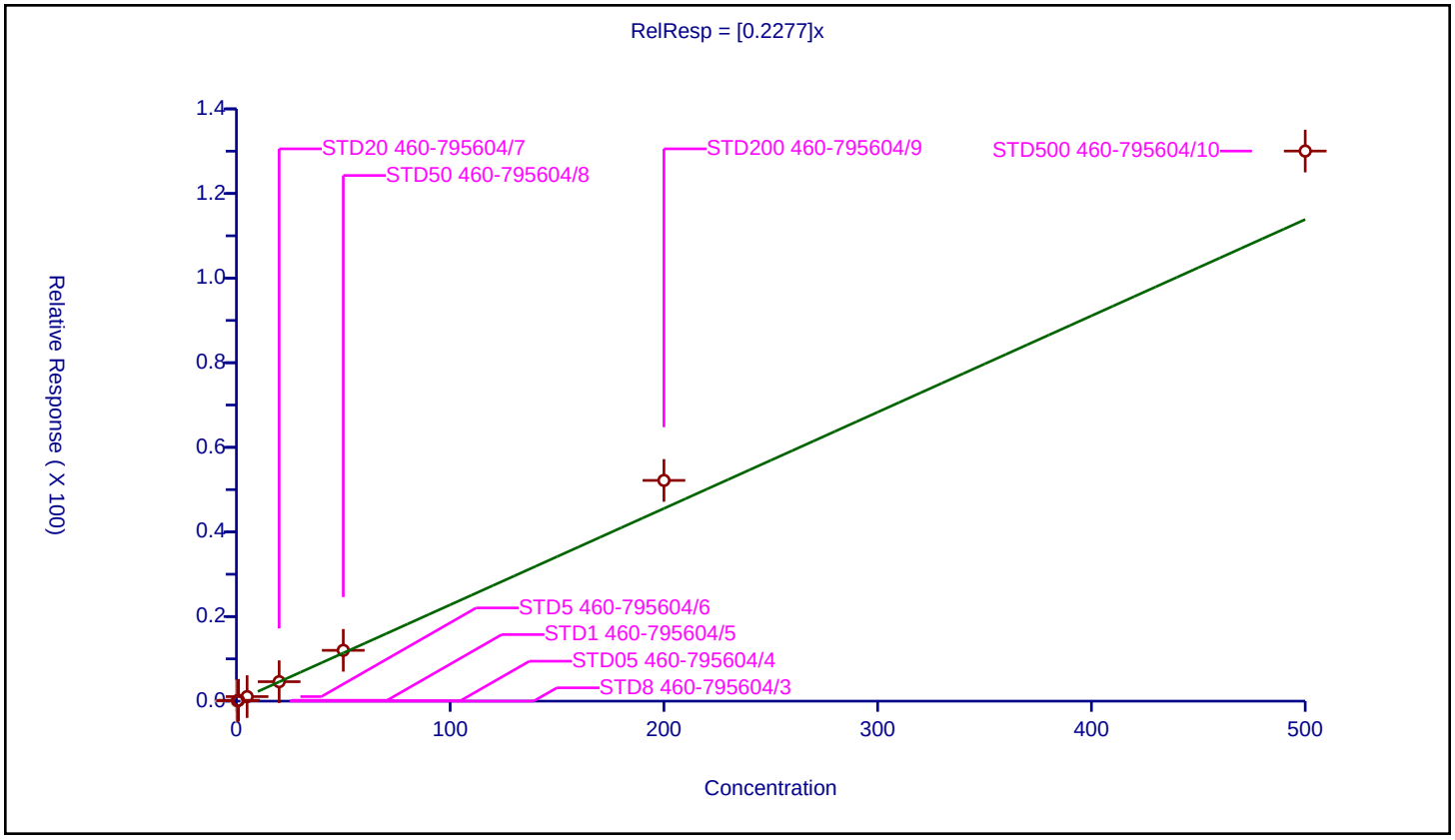
Curve Coefficients

Intercept:	0
Slope:	0.2277

Error Coefficients

Standard Error:	483000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.091057	50.0	422813.0	0.182114	Y
3	STD1 460-795604/5	1.0	0.206423	50.0	415894.0	0.206423	Y
4	STD5 460-795604/6	5.0	1.071268	50.0	421323.0	0.214254	Y
5	STD20 460-795604/7	20.0	4.601518	50.0	419003.0	0.230076	Y
6	STD50 460-795604/8	50.0	12.010975	50.0	416569.0	0.24022	Y
7	STD200 460-795604/9	200.0	52.175991	50.0	418430.0	0.26088	Y
8	STD500 460-795604/10	500.0	130.033722	50.0	420499.0	0.260067	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

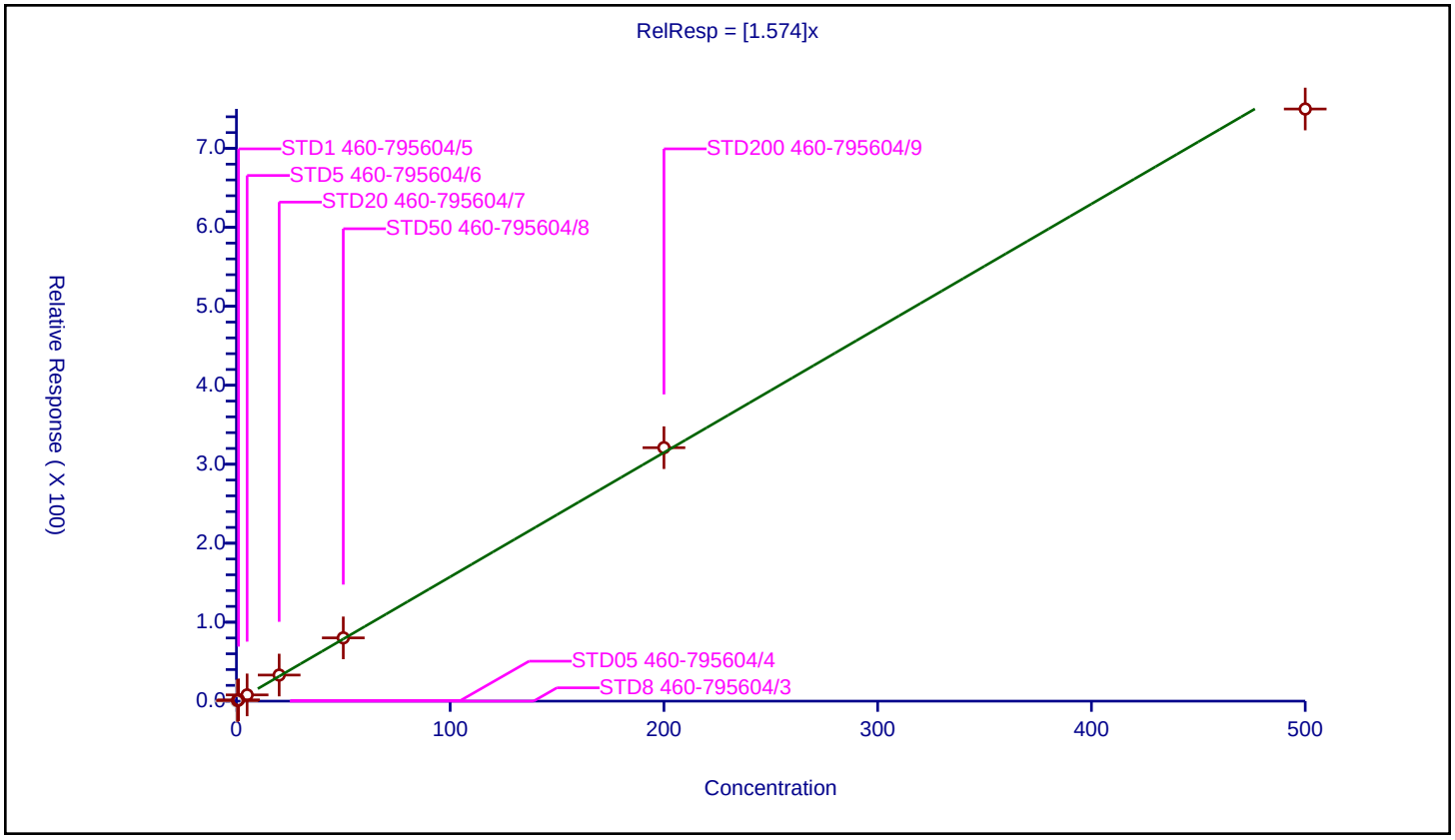
Curve Coefficients

Intercept:	0
Slope:	1.574

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.744194	50.0	188123.0	1.488388	Y
3	STD1 460-795604/5	1.0	1.593109	50.0	186679.0	1.593109	Y
4	STD5 460-795604/6	5.0	7.892564	50.0	188969.0	1.578513	Y
5	STD20 460-795604/7	20.0	33.034655	50.0	185484.0	1.651733	Y
6	STD50 460-795604/8	50.0	80.113086	50.0	187822.0	1.602262	Y
7	STD200 460-795604/9	200.0	320.968026	50.0	192722.0	1.60484	Y
8	STD500 460-795604/10	500.0	749.874482	50.0	196386.0	1.499749	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

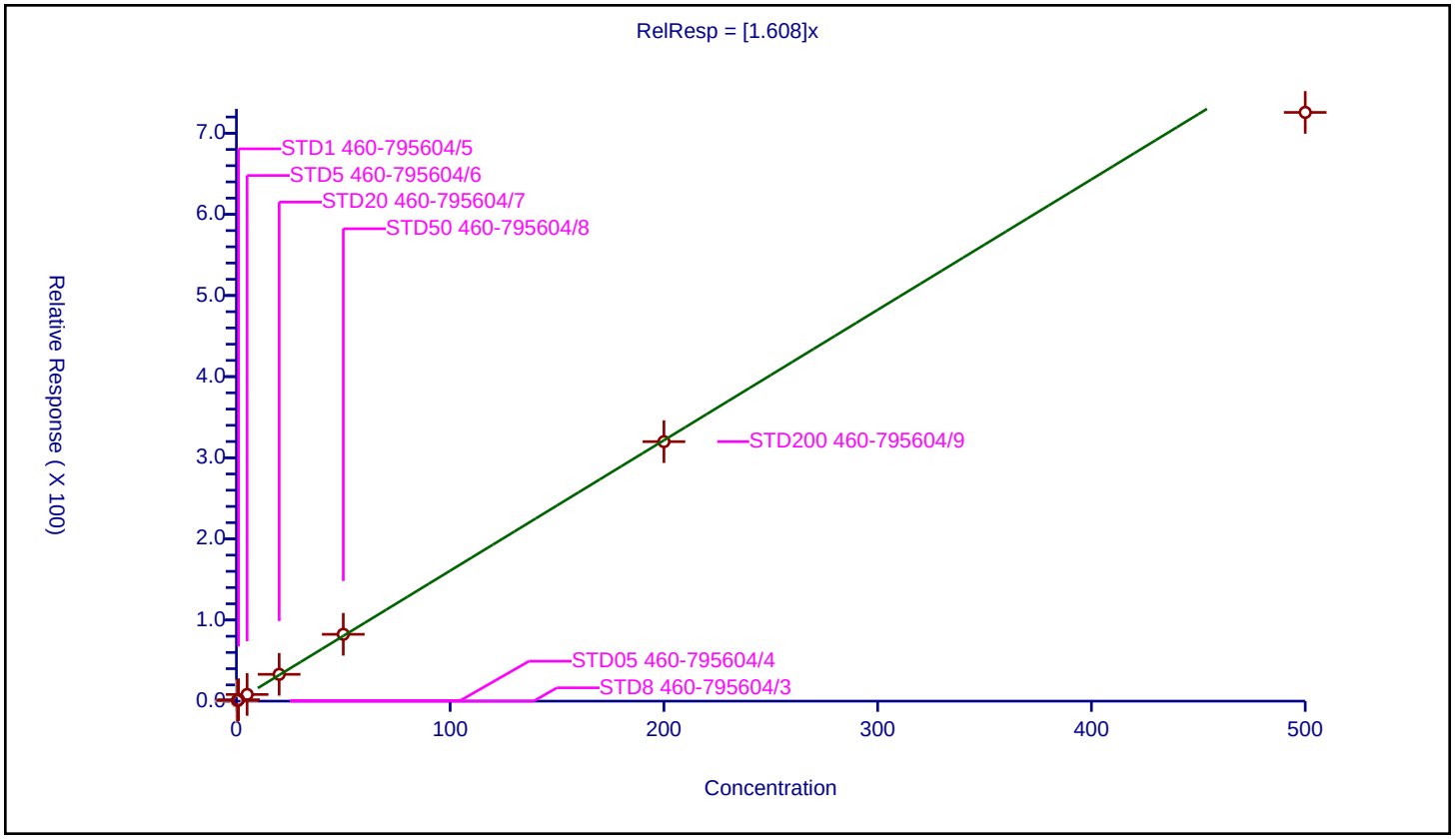
Curve Coefficients

Intercept:	0
Slope:	1.608

Error Coefficients

Standard Error:	2740000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	422382.0	NaN	N
2	STD05 460-795604/4	0.5	0.757072	50.0	422813.0	1.514145	Y
3	STD1 460-795604/5	1.0	1.74744	50.0	415894.0	1.74744	Y
4	STD5 460-795604/6	5.0	8.211752	50.0	421323.0	1.64235	Y
5	STD20 460-795604/7	20.0	33.040814	50.0	419003.0	1.652041	Y
6	STD50 460-795604/8	50.0	82.388032	50.0	416569.0	1.647761	Y
7	STD200 460-795604/9	200.0	319.863418	50.0	418430.0	1.599317	Y
8	STD500 460-795604/10	500.0	725.669621	50.0	420499.0	1.451339	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

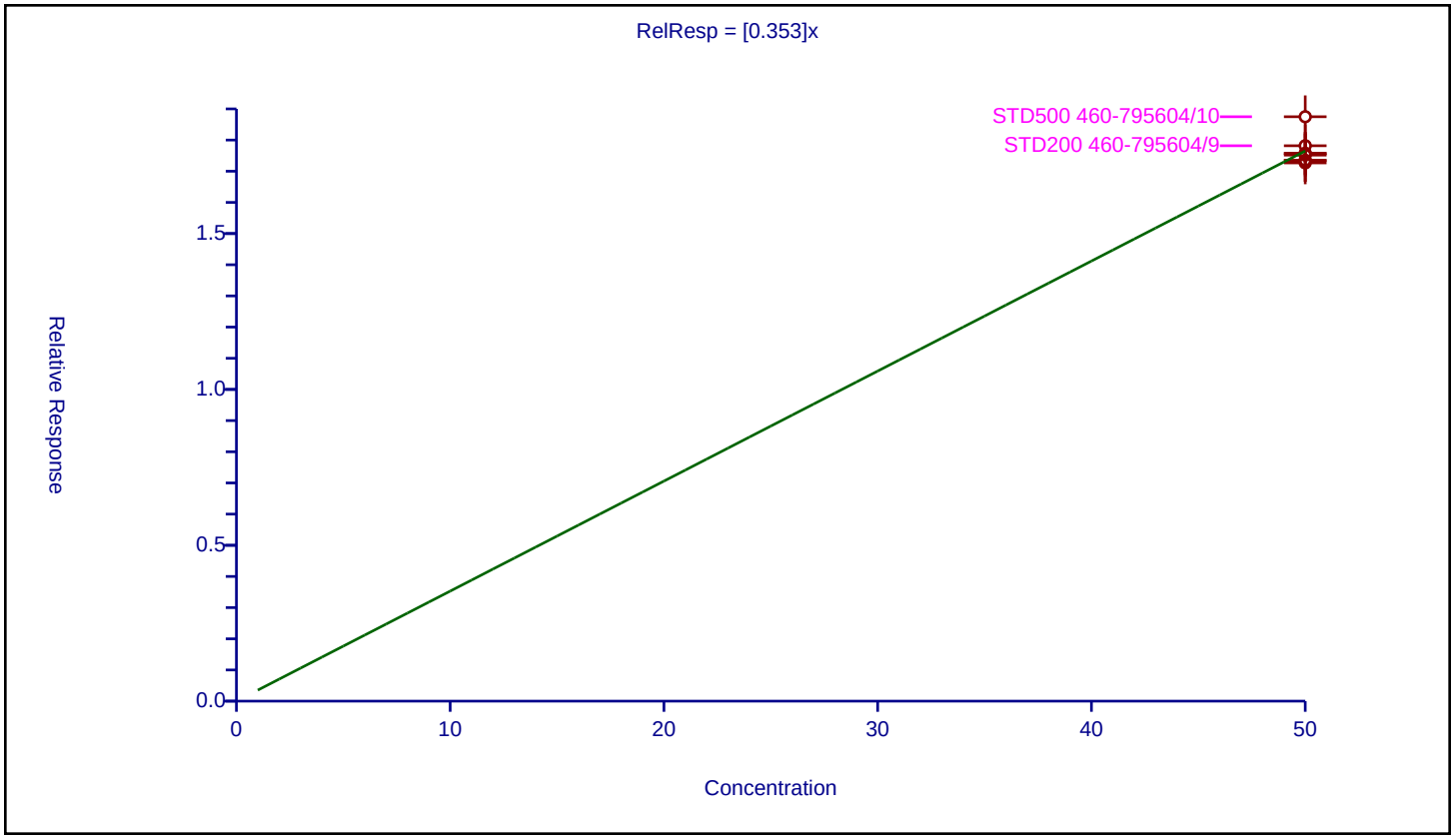
Curve Coefficients

Intercept:	0
Slope:	0.353

Error Coefficients

Standard Error:	158000
Relative Standard Error:	2.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	50.0	17.562657	50.0	422382.0	0.351253	Y
2	STD05 460-795604/4	50.0	17.345611	50.0	422813.0	0.346912	Y
3	STD1 460-795604/5	50.0	17.517444	50.0	415894.0	0.350349	Y
4	STD5 460-795604/6	50.0	17.266919	50.0	421323.0	0.345338	Y
5	STD20 460-795604/7	50.0	17.347489	50.0	419003.0	0.34695	Y
6	STD50 460-795604/8	50.0	17.57776	50.0	416569.0	0.351555	Y
7	STD200 460-795604/9	50.0	17.817676	50.0	418430.0	0.356354	Y
8	STD500 460-795604/10	50.0	18.74832	50.0	420499.0	0.374966	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

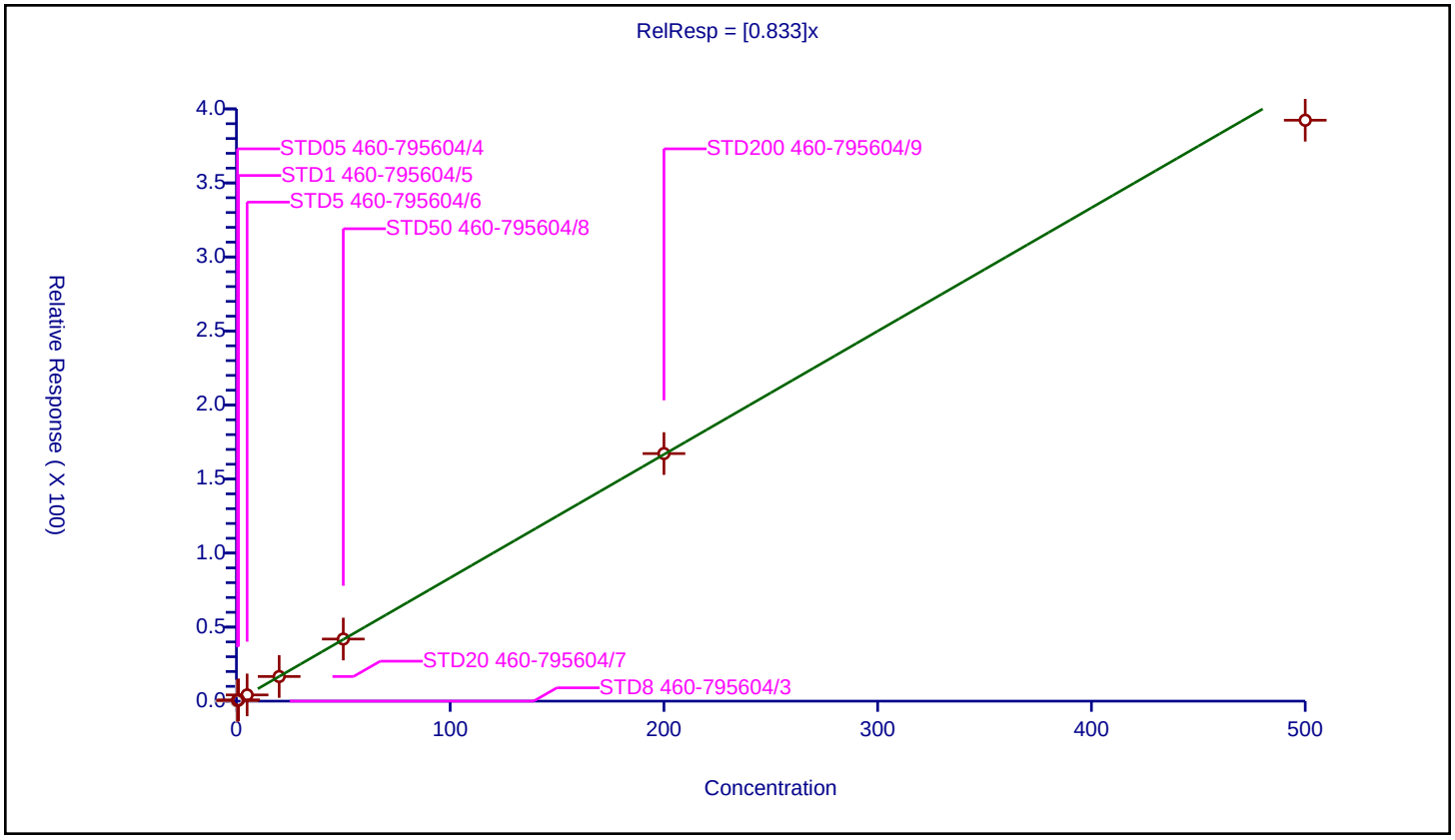
Curve Coefficients

Intercept:	0
Slope:	0.833

Error Coefficients

Standard Error:	685000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.424988	50.0	188123.0	0.849976	Y
3	STD1 460-795604/5	1.0	0.849319	50.0	186679.0	0.849319	Y
4	STD5 460-795604/6	5.0	4.204658	50.0	188969.0	0.840932	Y
5	STD20 460-795604/7	20.0	16.62758	50.0	185484.0	0.831379	Y
6	STD50 460-795604/8	50.0	41.947961	50.0	187822.0	0.838959	Y
7	STD200 460-795604/9	200.0	167.209504	50.0	192722.0	0.836048	Y
8	STD500 460-795604/10	500.0	392.361726	50.0	196386.0	0.784723	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

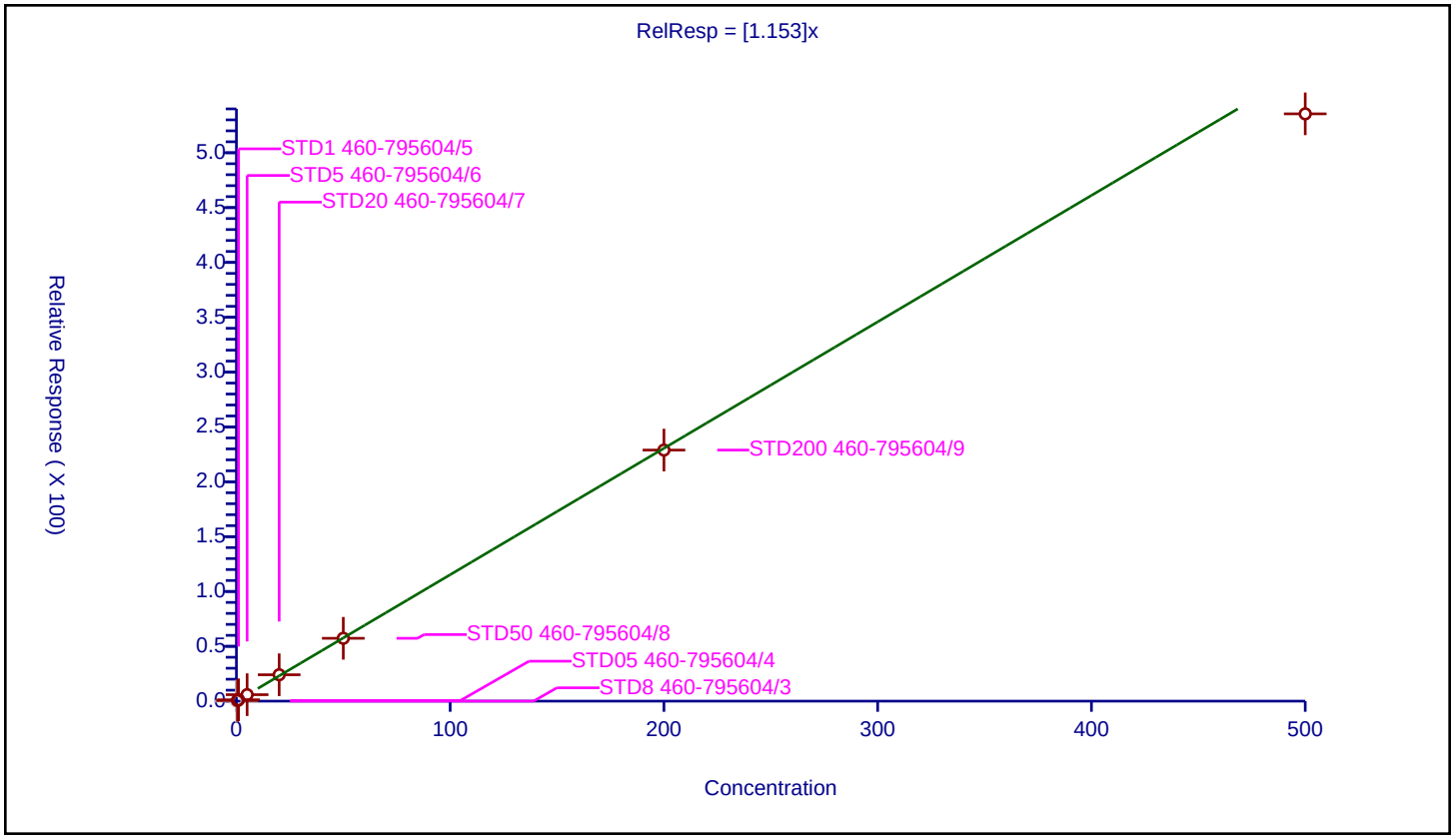
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	936000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.544856	50.0	188123.0	1.089713	Y
3	STD1 460-795604/5	1.0	1.235543	50.0	186679.0	1.235543	Y
4	STD5 460-795604/6	5.0	5.898587	50.0	188969.0	1.179717	Y
5	STD20 460-795604/7	20.0	24.054366	50.0	185484.0	1.202718	Y
6	STD50 460-795604/8	50.0	57.304256	50.0	187822.0	1.146085	Y
7	STD200 460-795604/9	200.0	228.926122	50.0	192722.0	1.144631	Y
8	STD500 460-795604/10	500.0	535.484963	50.0	196386.0	1.07097	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

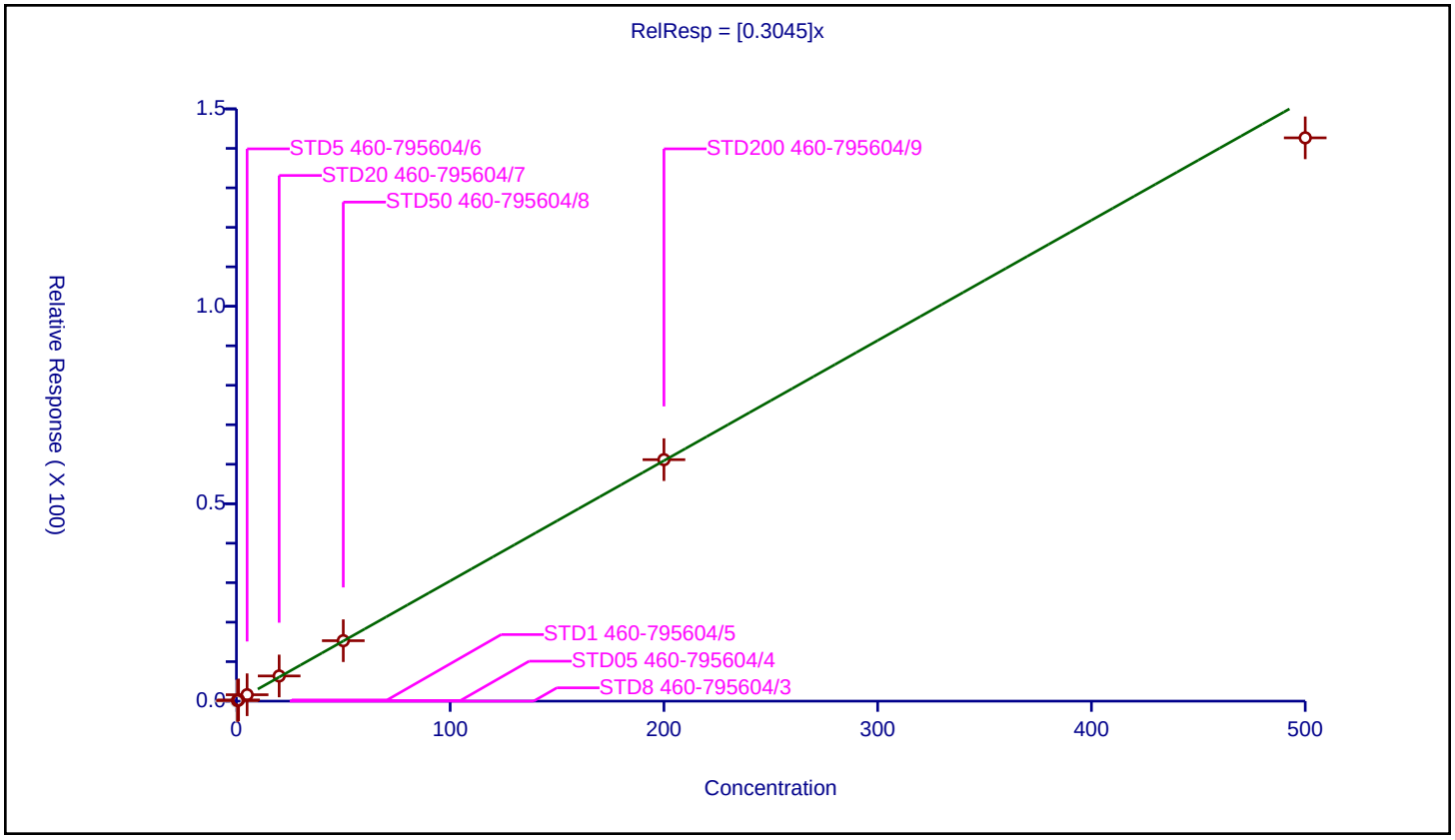
Curve Coefficients

Intercept:	0
Slope:	0.3045

Error Coefficients

Standard Error:	249000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.14432	50.0	188123.0	0.288641	Y
3	STD1 460-795604/5	1.0	0.302123	50.0	186679.0	0.302123	Y
4	STD5 460-795604/6	5.0	1.622488	50.0	188969.0	0.324498	Y
5	STD20 460-795604/7	20.0	6.377639	50.0	185484.0	0.318882	Y
6	STD50 460-795604/8	50.0	15.30678	50.0	187822.0	0.306136	Y
7	STD200 460-795604/9	200.0	61.157782	50.0	192722.0	0.305789	Y
8	STD500 460-795604/10	500.0	142.669539	50.0	196386.0	0.285339	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

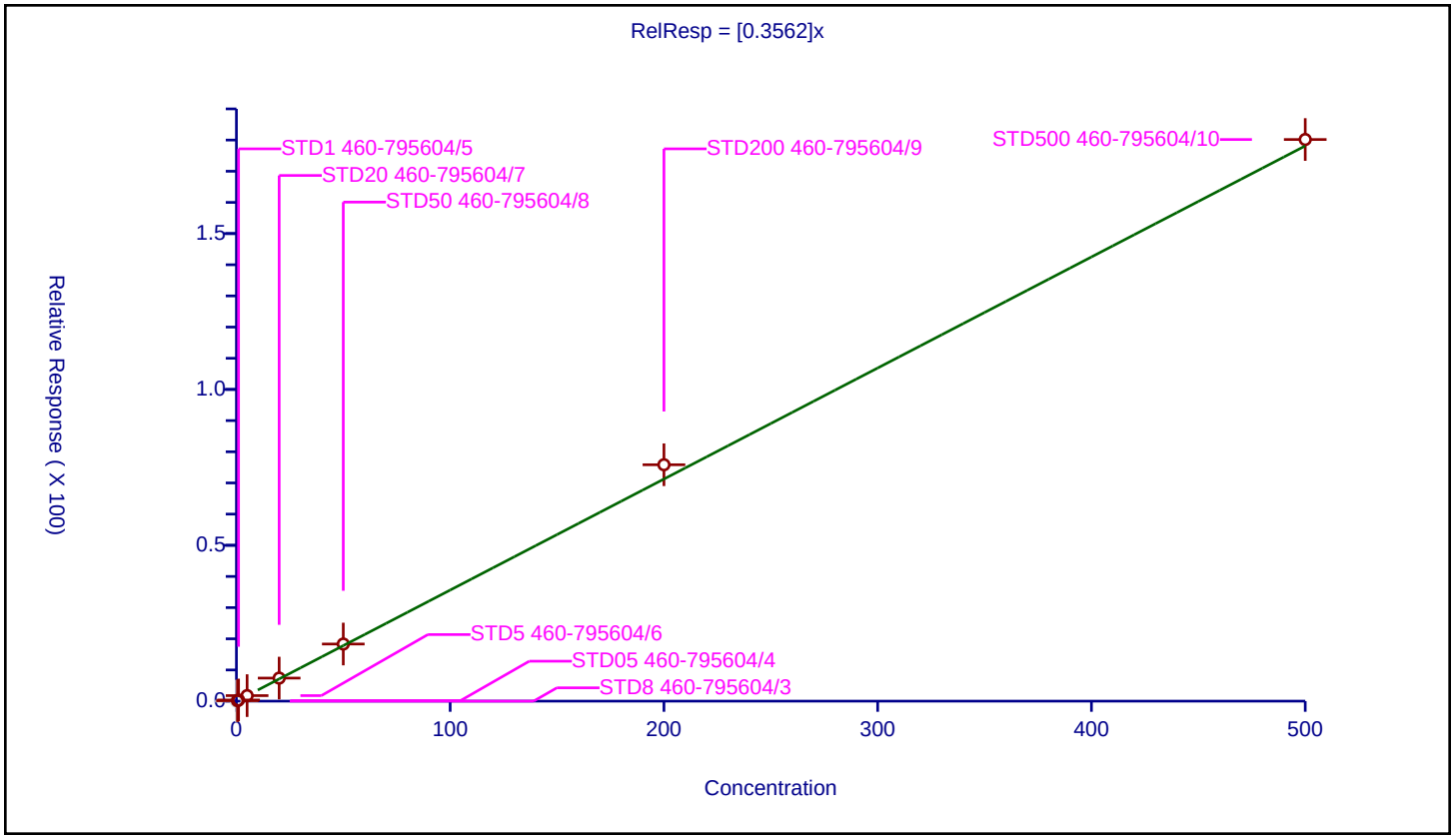
Curve Coefficients

Intercept:	0
Slope:	0.3562

Error Coefficients

Standard Error:	314000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.14937	50.0	188123.0	0.298741	Y
3	STD1 460-795604/5	1.0	0.364529	50.0	186679.0	0.364529	Y
4	STD5 460-795604/6	5.0	1.772513	50.0	188969.0	0.354503	Y
5	STD20 460-795604/7	20.0	7.397943	50.0	185484.0	0.369897	Y
6	STD50 460-795604/8	50.0	18.325862	50.0	187822.0	0.366517	Y
7	STD200 460-795604/9	200.0	75.838514	50.0	192722.0	0.379193	Y
8	STD500 460-795604/10	500.0	180.17654	50.0	196386.0	0.360353	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

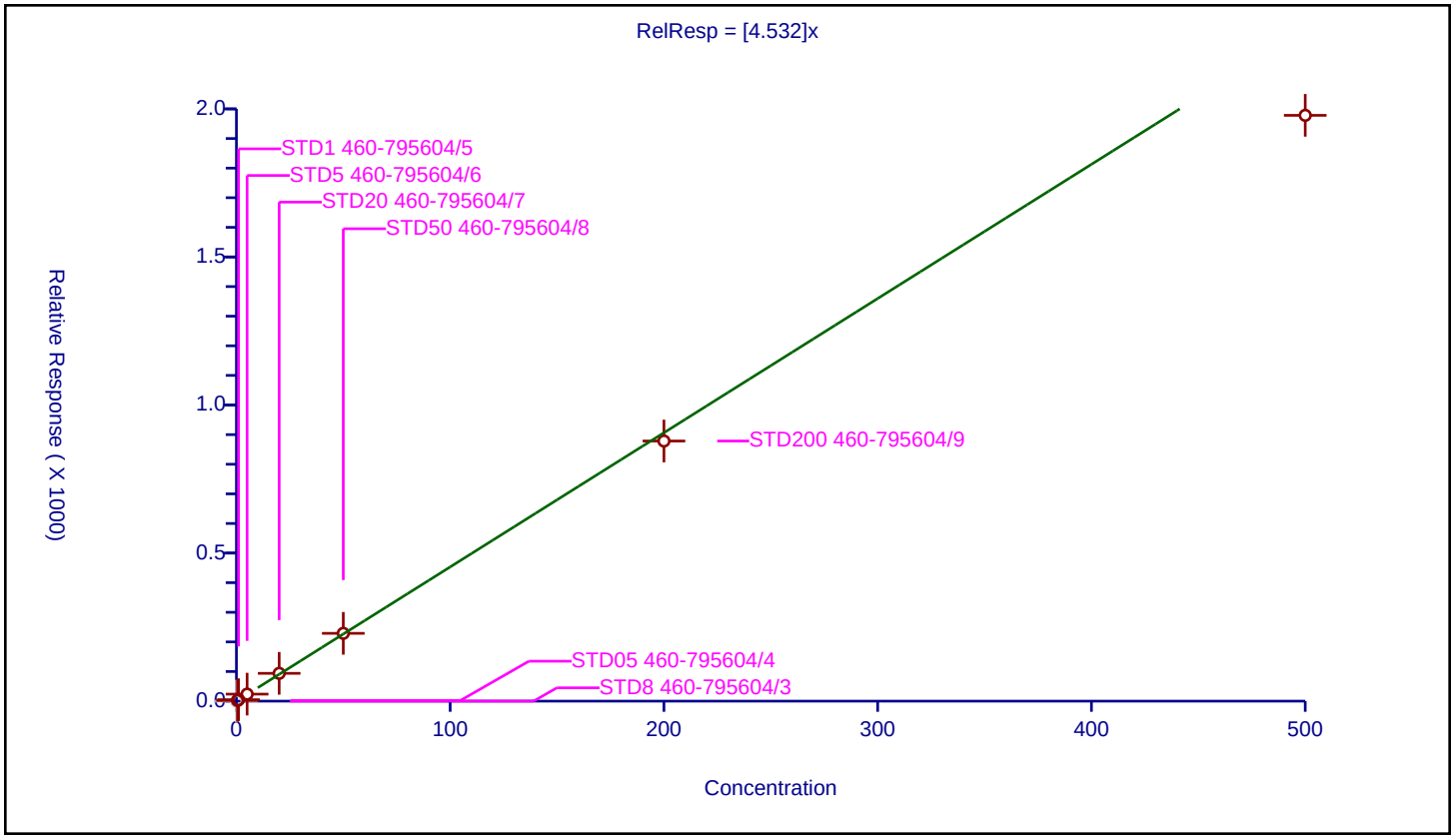
Curve Coefficients

Intercept:	0
Slope:	4.532

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	2.234974	50.0	188123.0	4.469948	Y
3	STD1 460-795604/5	1.0	4.892891	50.0	186679.0	4.892891	Y
4	STD5 460-795604/6	5.0	23.711561	50.0	188969.0	4.742312	Y
5	STD20 460-795604/7	20.0	93.812943	50.0	185484.0	4.690647	Y
6	STD50 460-795604/8	50.0	228.991811	50.0	187822.0	4.579836	Y
7	STD200 460-795604/9	200.0	878.383111	50.0	192722.0	4.391916	Y
8	STD500 460-795604/10	500.0	1978.216115	50.0	196386.0	3.956432	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

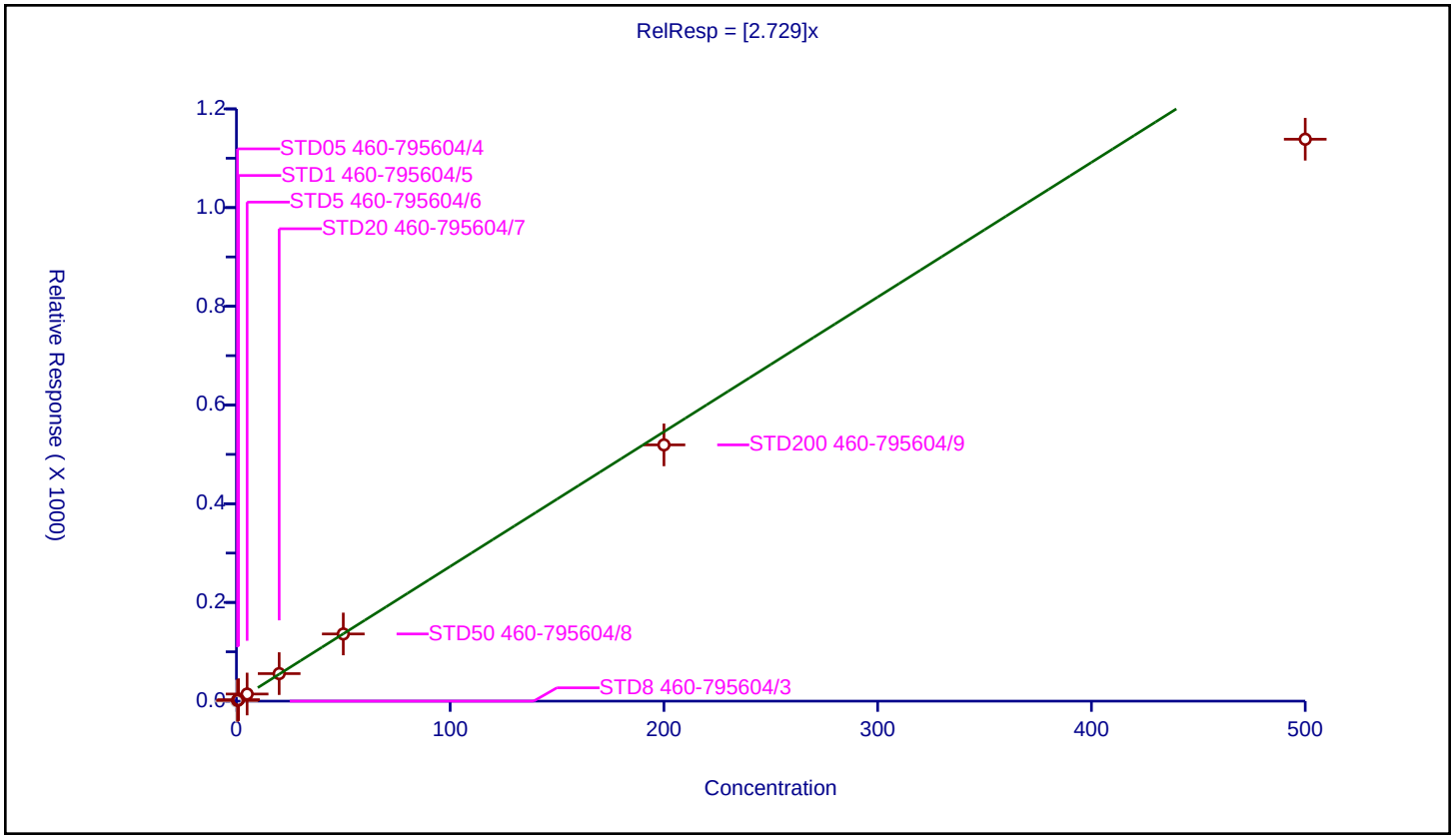
Curve Coefficients

Intercept:	0
Slope:	2.729

Error Coefficients

Standard Error:	2010000
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 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.43151	50.0	188123.0	2.86302	Y
3	STD1 460-795604/5	1.0	2.964179	50.0	186679.0	2.964179	Y
4	STD5 460-795604/6	5.0	14.460837	50.0	188969.0	2.892167	Y
5	STD20 460-795604/7	20.0	55.767883	50.0	185484.0	2.788394	Y
6	STD50 460-795604/8	50.0	136.120635	50.0	187822.0	2.722413	Y
7	STD200 460-795604/9	200.0	519.222507	50.0	192722.0	2.596113	Y
8	STD500 460-795604/10	500.0	1138.519548	50.0	196386.0	2.277039	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

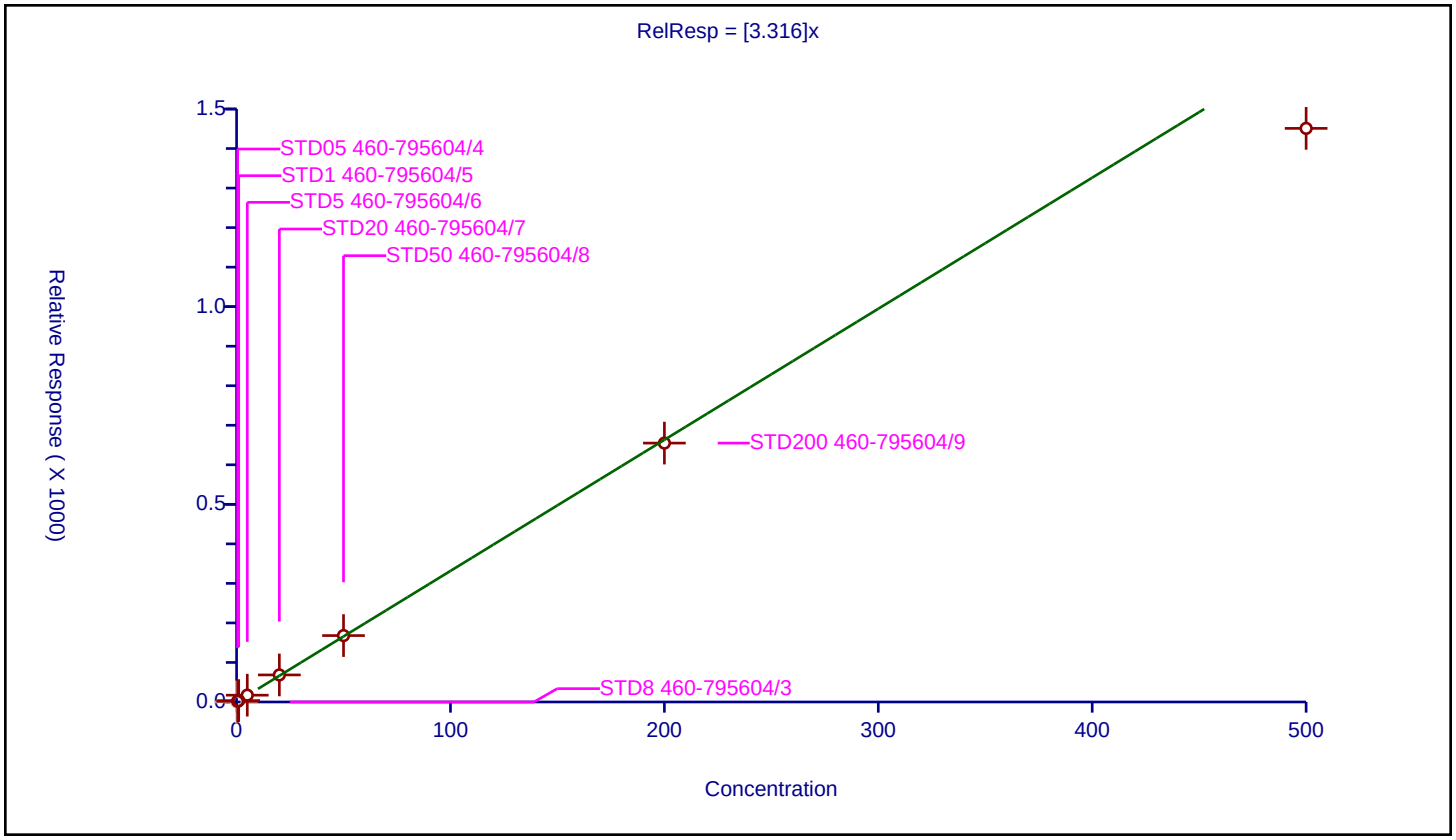
Curve Coefficients

Intercept:	0
Slope:	3.316

Error Coefficients

Standard Error:	2560000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.666729	50.0	188123.0	3.333457	Y
3	STD1 460-795604/5	1.0	3.476556	50.0	186679.0	3.476556	Y
4	STD5 460-795604/6	5.0	17.205468	50.0	188969.0	3.441094	Y
5	STD20 460-795604/7	20.0	68.466822	50.0	185484.0	3.423341	Y
6	STD50 460-795604/8	50.0	167.973667	50.0	187822.0	3.359473	Y
7	STD200 460-795604/9	200.0	654.895393	50.0	192722.0	3.274477	Y
8	STD500 460-795604/10	500.0	1451.021203	50.0	196386.0	2.902042	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

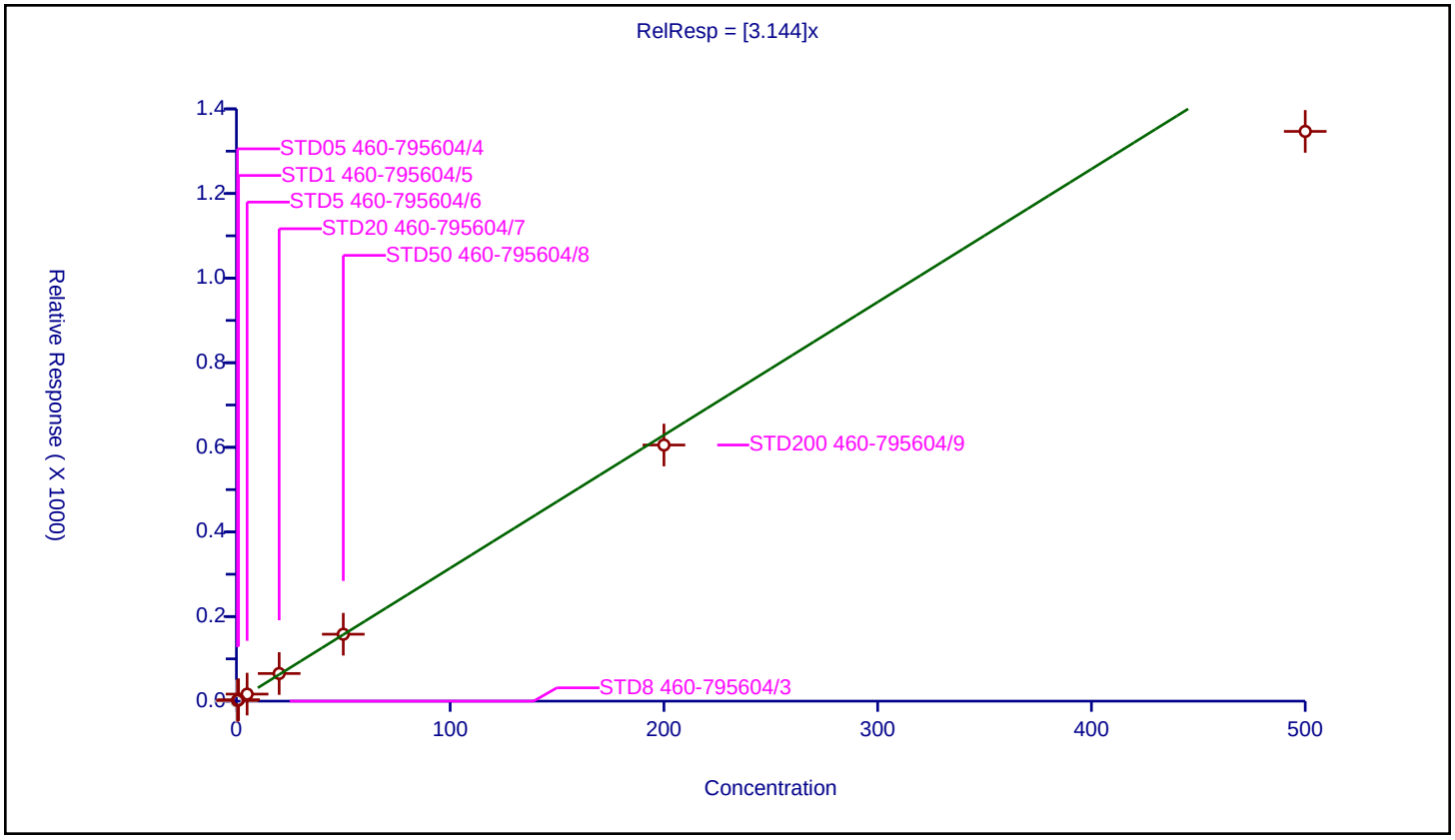
Curve Coefficients

Intercept:	0
Slope:	3.144

Error Coefficients

Standard Error:	2370000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.577691	50.0	188123.0	3.155382	Y
3	STD1 460-795604/5	1.0	3.378795	50.0	186679.0	3.378795	Y
4	STD5 460-795604/6	5.0	16.626007	50.0	188969.0	3.325201	Y
5	STD20 460-795604/7	20.0	65.325311	50.0	185484.0	3.266266	Y
6	STD50 460-795604/8	50.0	158.209635	50.0	187822.0	3.164193	Y
7	STD200 460-795604/9	200.0	605.438404	50.0	192722.0	3.027192	Y
8	STD500 460-795604/10	500.0	1346.808072	50.0	196386.0	2.693616	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

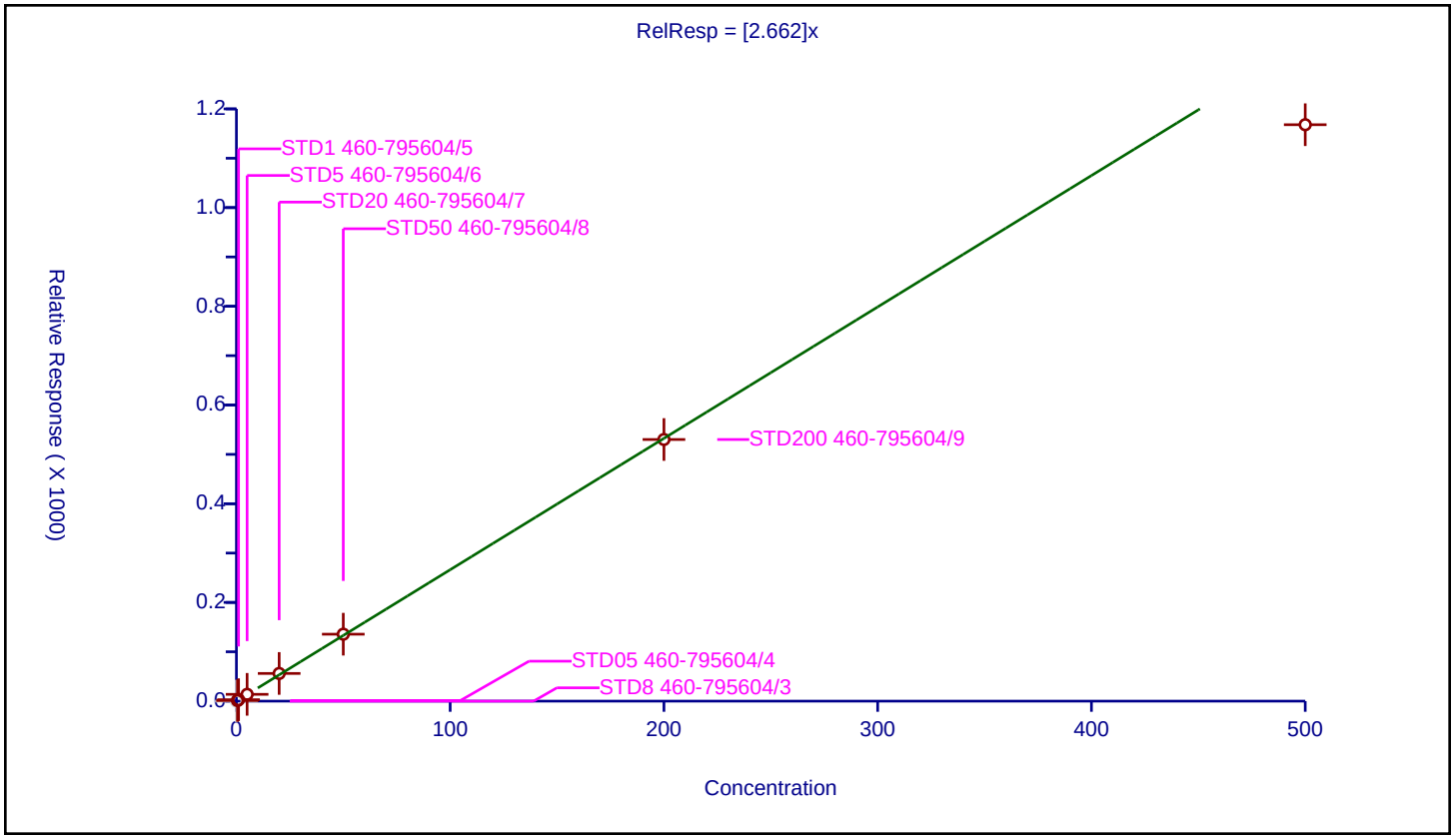
Curve Coefficients

Intercept:	0
Slope:	2.662

Error Coefficients

Standard Error:	2060000
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 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.247854	50.0	188123.0	2.495708	Y
3	STD1 460-795604/5	1.0	2.874721	50.0	186679.0	2.874721	Y
4	STD5 460-795604/6	5.0	13.81126	50.0	188969.0	2.762252	Y
5	STD20 460-795604/7	20.0	56.082196	50.0	185484.0	2.80411	Y
6	STD50 460-795604/8	50.0	135.667813	50.0	187822.0	2.713356	Y
7	STD200 460-795604/9	200.0	530.103206	50.0	192722.0	2.650516	Y
8	STD500 460-795604/10	500.0	1167.925667	50.0	196386.0	2.335851	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

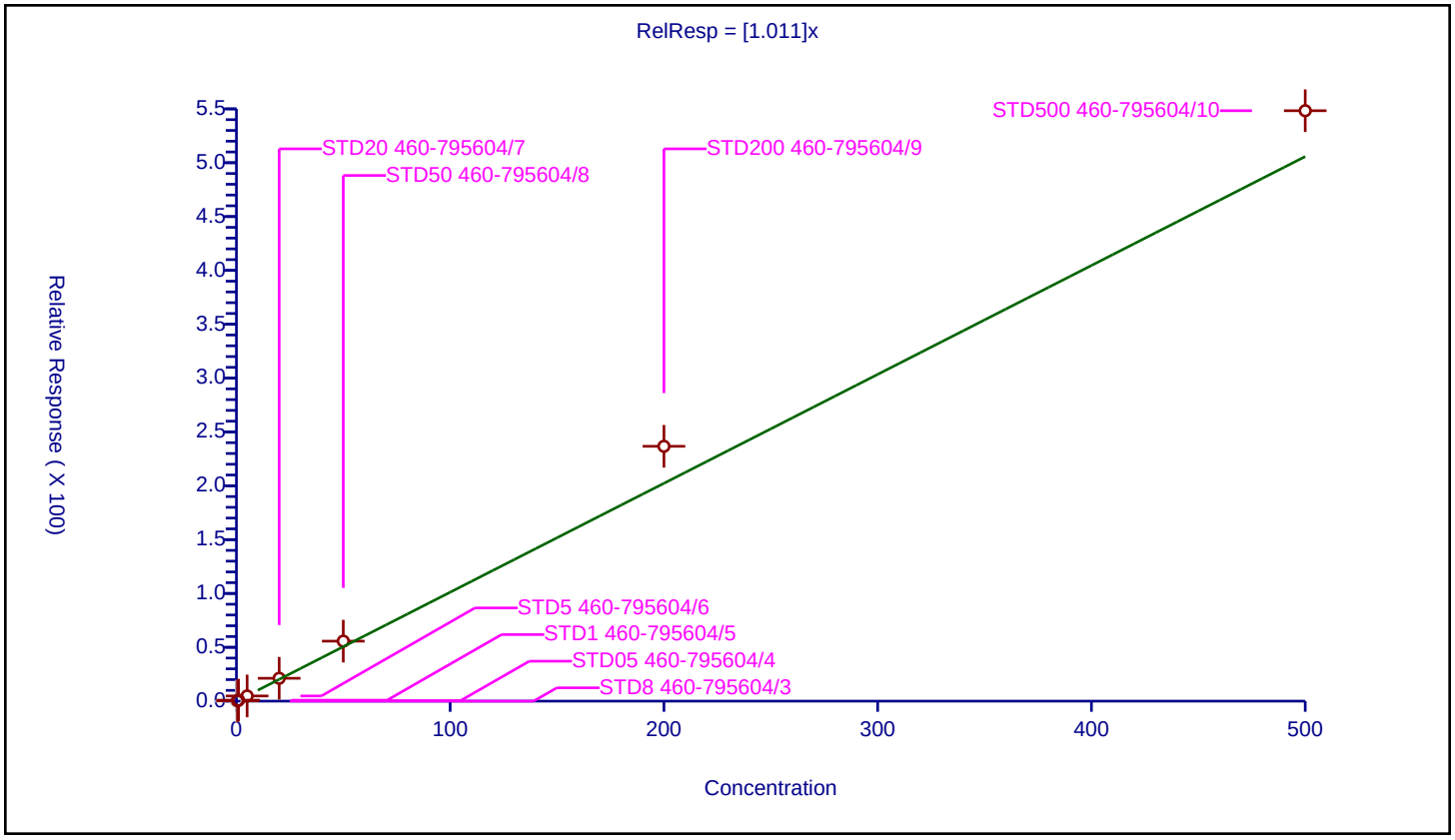
Curve Coefficients

Intercept:	0
Slope:	1.011

Error Coefficients

Standard Error:	959000
Relative Standard Error:	14.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.38007	50.0	188123.0	0.760141	Y
3	STD1 460-795604/5	1.0	0.903155	50.0	186679.0	0.903155	Y
4	STD5 460-795604/6	5.0	4.80555	50.0	188969.0	0.96111	Y
5	STD20 460-795604/7	20.0	21.234716	50.0	185484.0	1.061736	Y
6	STD50 460-795604/8	50.0	55.717914	50.0	187822.0	1.114358	Y
7	STD200 460-795604/9	200.0	236.674329	50.0	192722.0	1.183372	Y
8	STD500 460-795604/10	500.0	548.293921	50.0	196386.0	1.096588	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

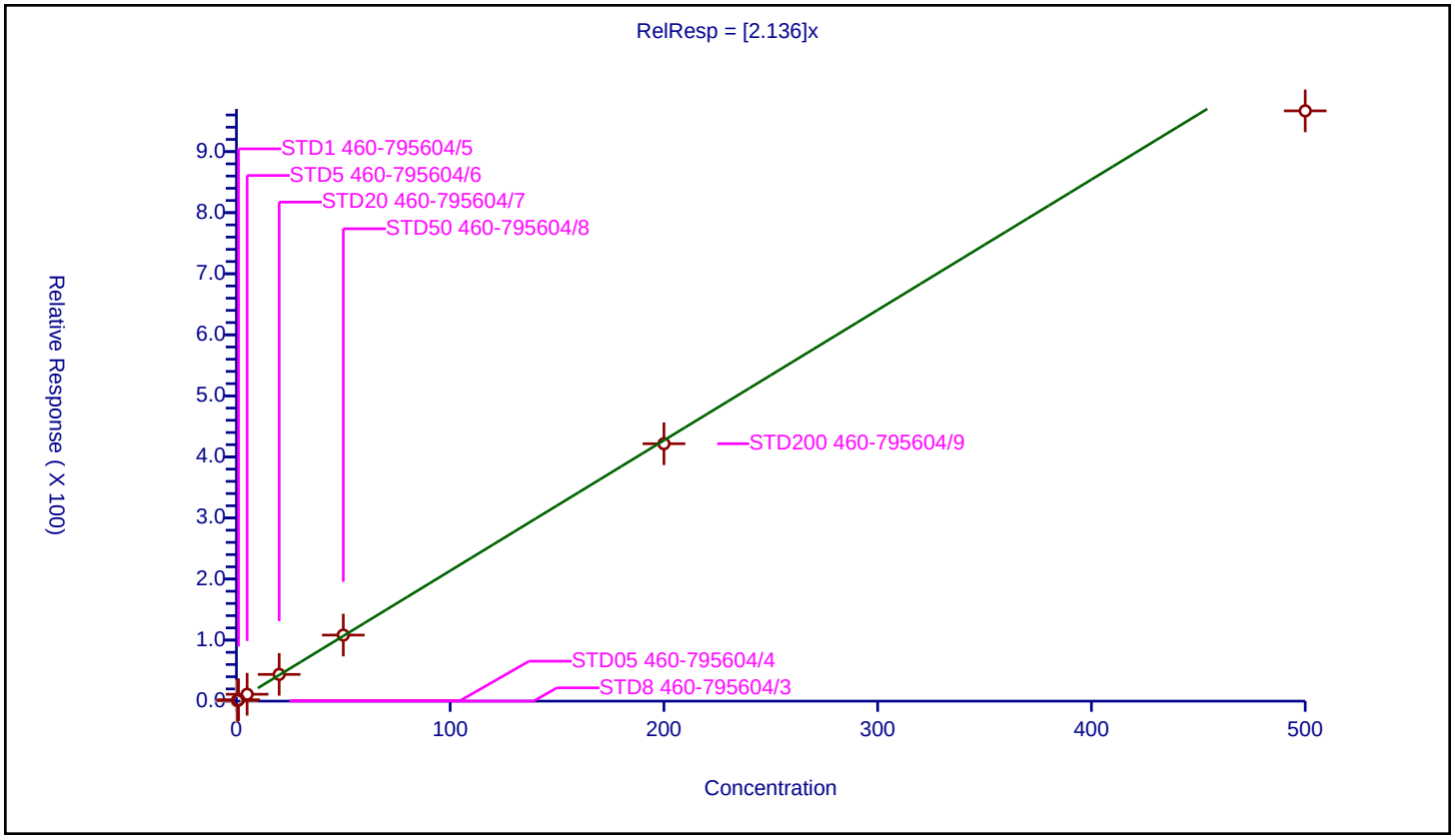
Curve Coefficients

Intercept:	0
Slope:	2.136

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.003333	50.0	188123.0	2.006666	Y
3	STD1 460-795604/5	1.0	2.292438	50.0	186679.0	2.292438	Y
4	STD5 460-795604/6	5.0	11.275924	50.0	188969.0	2.255185	Y
5	STD20 460-795604/7	20.0	43.792726	50.0	185484.0	2.189636	Y
6	STD50 460-795604/8	50.0	108.191266	50.0	187822.0	2.163825	Y
7	STD200 460-795604/9	200.0	421.628304	50.0	192722.0	2.108142	Y
8	STD500 460-795604/10	500.0	966.768762	50.0	196386.0	1.933538	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

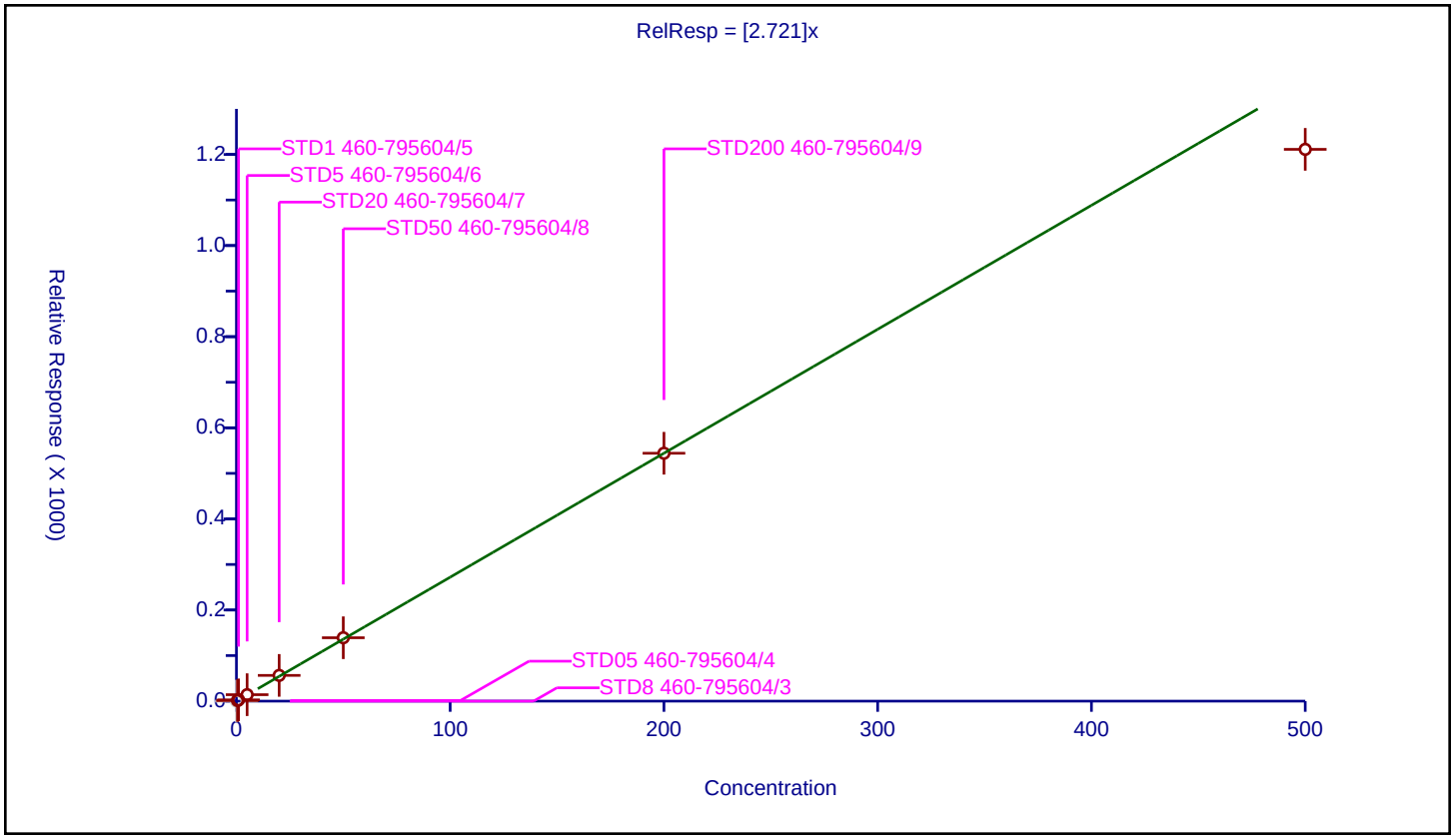
Curve Coefficients

Intercept:	0
Slope:	2.721

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.335562	50.0	188123.0	2.671125	Y
3	STD1 460-795604/5	1.0	2.786869	50.0	186679.0	2.786869	Y
4	STD5 460-795604/6	5.0	14.176399	50.0	188969.0	2.83528	Y
5	STD20 460-795604/7	20.0	56.502987	50.0	185484.0	2.825149	Y
6	STD50 460-795604/8	50.0	139.184973	50.0	187822.0	2.783699	Y
7	STD200 460-795604/9	200.0	544.155831	50.0	192722.0	2.720779	Y
8	STD500 460-795604/10	500.0	1211.196572	50.0	196386.0	2.422393	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

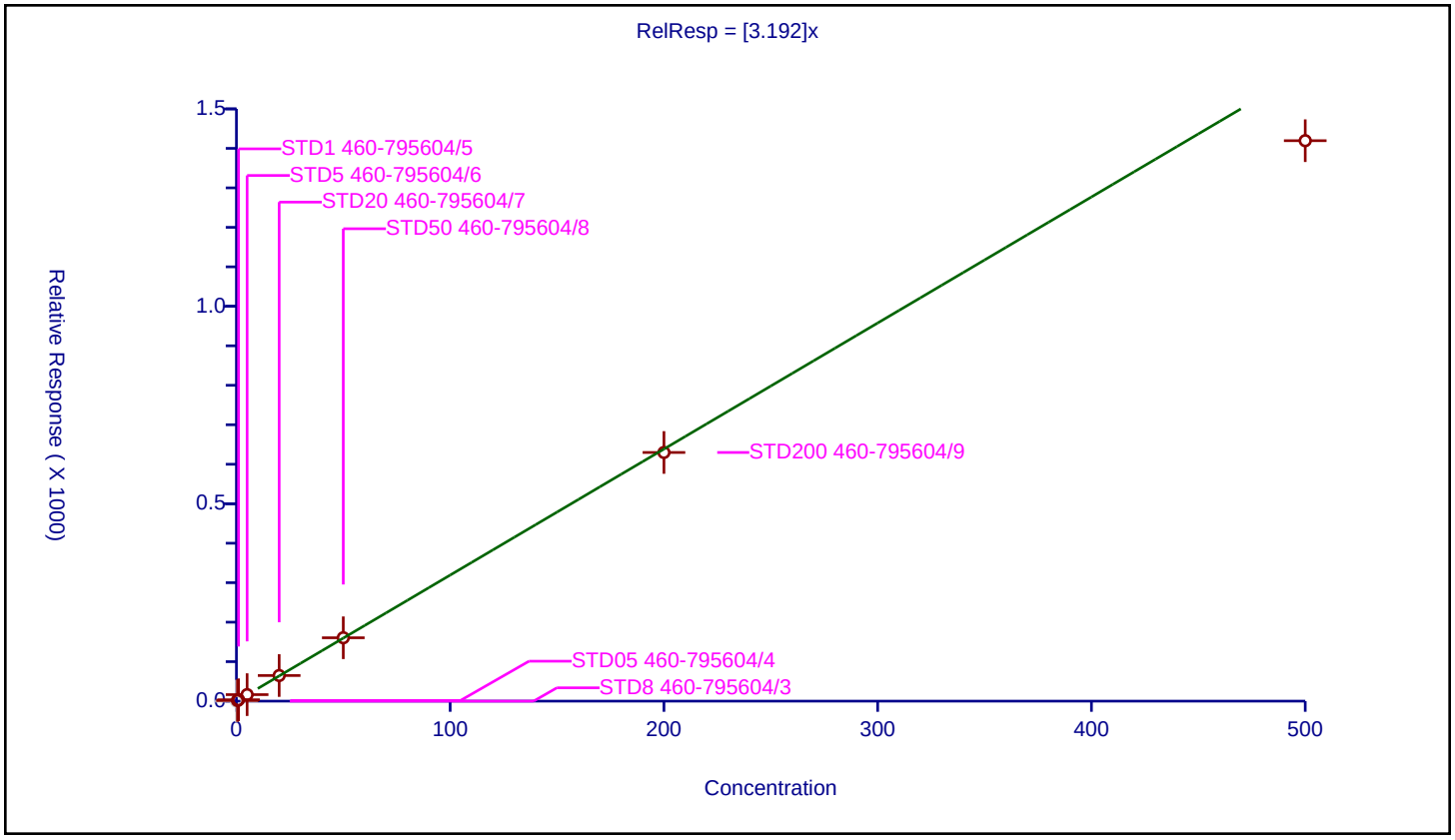
Curve Coefficients

Intercept:	0
Slope:	3.192

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.554568	50.0	188123.0	3.109136	Y
3	STD1 460-795604/5	1.0	3.504411	50.0	186679.0	3.504411	Y
4	STD5 460-795604/6	5.0	16.462489	50.0	188969.0	3.292498	Y
5	STD20 460-795604/7	20.0	64.83659	50.0	185484.0	3.241829	Y
6	STD50 460-795604/8	50.0	160.541896	50.0	187822.0	3.210838	Y
7	STD200 460-795604/9	200.0	629.794211	50.0	192722.0	3.148971	Y
8	STD500 460-795604/10	500.0	1419.451998	50.0	196386.0	2.838904	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

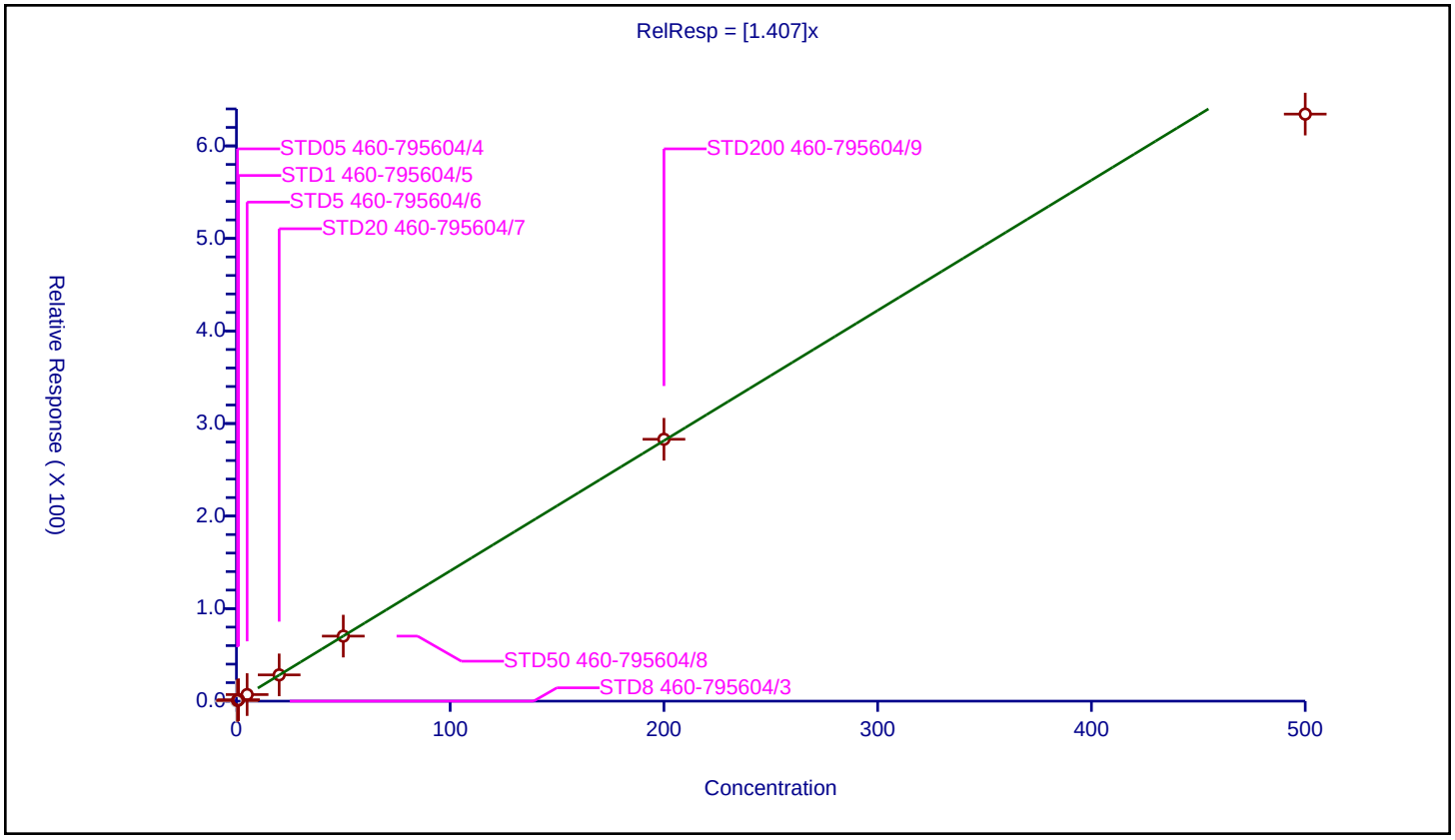
Curve Coefficients

Intercept:	0
Slope:	1.407

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.710174	50.0	188123.0	1.420347	Y
3	STD1 460-795604/5	1.0	1.503651	50.0	186679.0	1.503651	Y
4	STD5 460-795604/6	5.0	7.100371	50.0	188969.0	1.420074	Y
5	STD20 460-795604/7	20.0	28.371989	50.0	185484.0	1.418599	Y
6	STD50 460-795604/8	50.0	70.268126	50.0	187822.0	1.405363	Y
7	STD200 460-795604/9	200.0	283.004794	50.0	192722.0	1.415024	Y
8	STD500 460-795604/10	500.0	634.374395	50.0	196386.0	1.268749	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

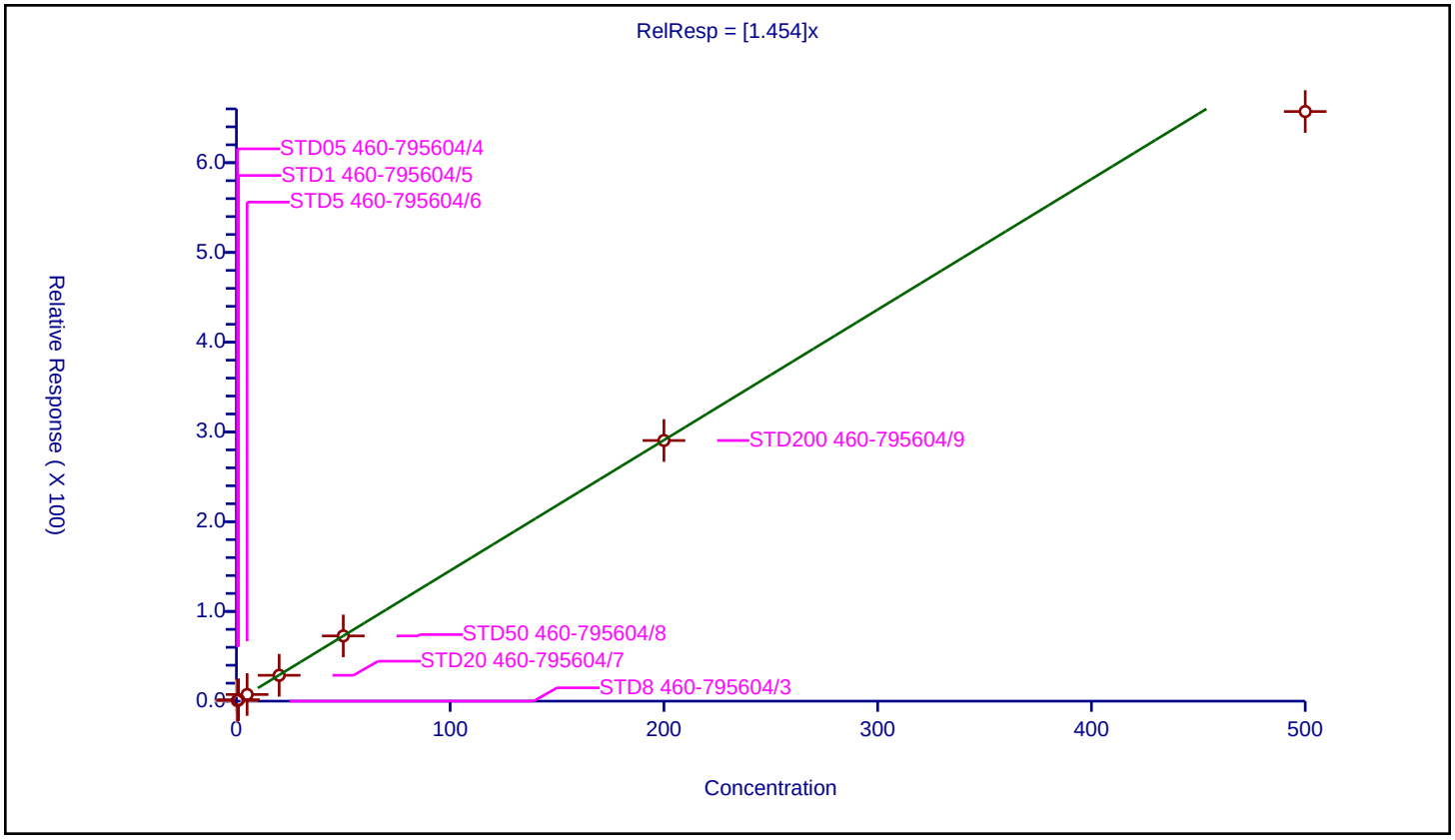
Curve Coefficients

Intercept:	0
Slope:	1.454

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.733828	50.0	188123.0	1.467657	Y
3	STD1 460-795604/5	1.0	1.573557	50.0	186679.0	1.573557	Y
4	STD5 460-795604/6	5.0	7.395922	50.0	188969.0	1.479184	Y
5	STD20 460-795604/7	20.0	28.81731	50.0	185484.0	1.440866	Y
6	STD50 460-795604/8	50.0	72.658954	50.0	187822.0	1.453179	Y
7	STD200 460-795604/9	200.0	290.46606	50.0	192722.0	1.45233	Y
8	STD500 460-795604/10	500.0	657.053965	50.0	196386.0	1.314108	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

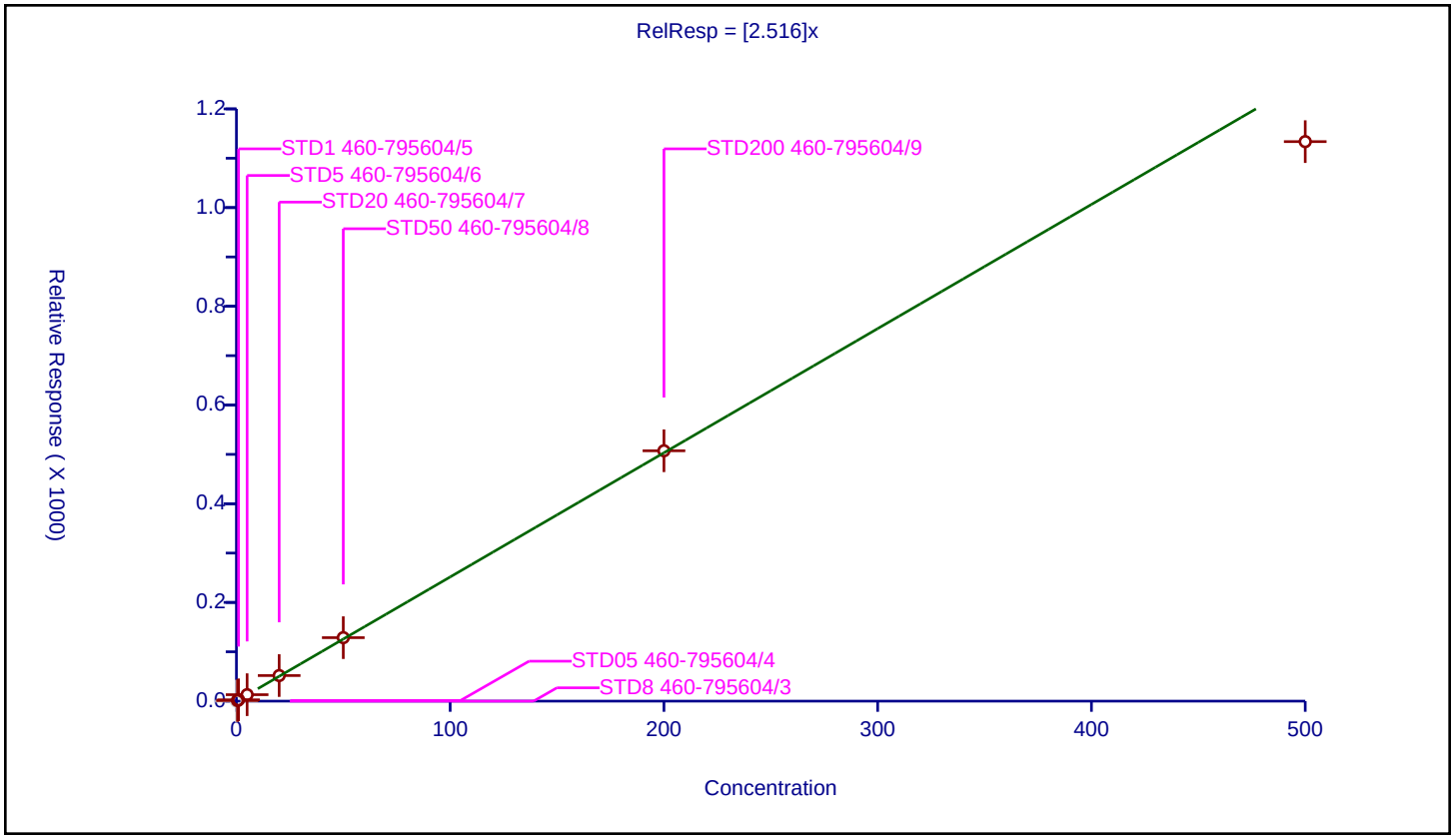
Curve Coefficients

Intercept:	0
Slope:	2.516

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	1.19071	50.0	188123.0	2.381421	Y
3	STD1 460-795604/5	1.0	2.649468	50.0	186679.0	2.649468	Y
4	STD5 460-795604/6	5.0	13.068281	50.0	188969.0	2.613656	Y
5	STD20 460-795604/7	20.0	51.828999	50.0	185484.0	2.59145	Y
6	STD50 460-795604/8	50.0	128.6295	50.0	187822.0	2.57259	Y
7	STD200 460-795604/9	200.0	507.275506	50.0	192722.0	2.536378	Y
8	STD500 460-795604/10	500.0	1133.696648	50.0	196386.0	2.267393	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

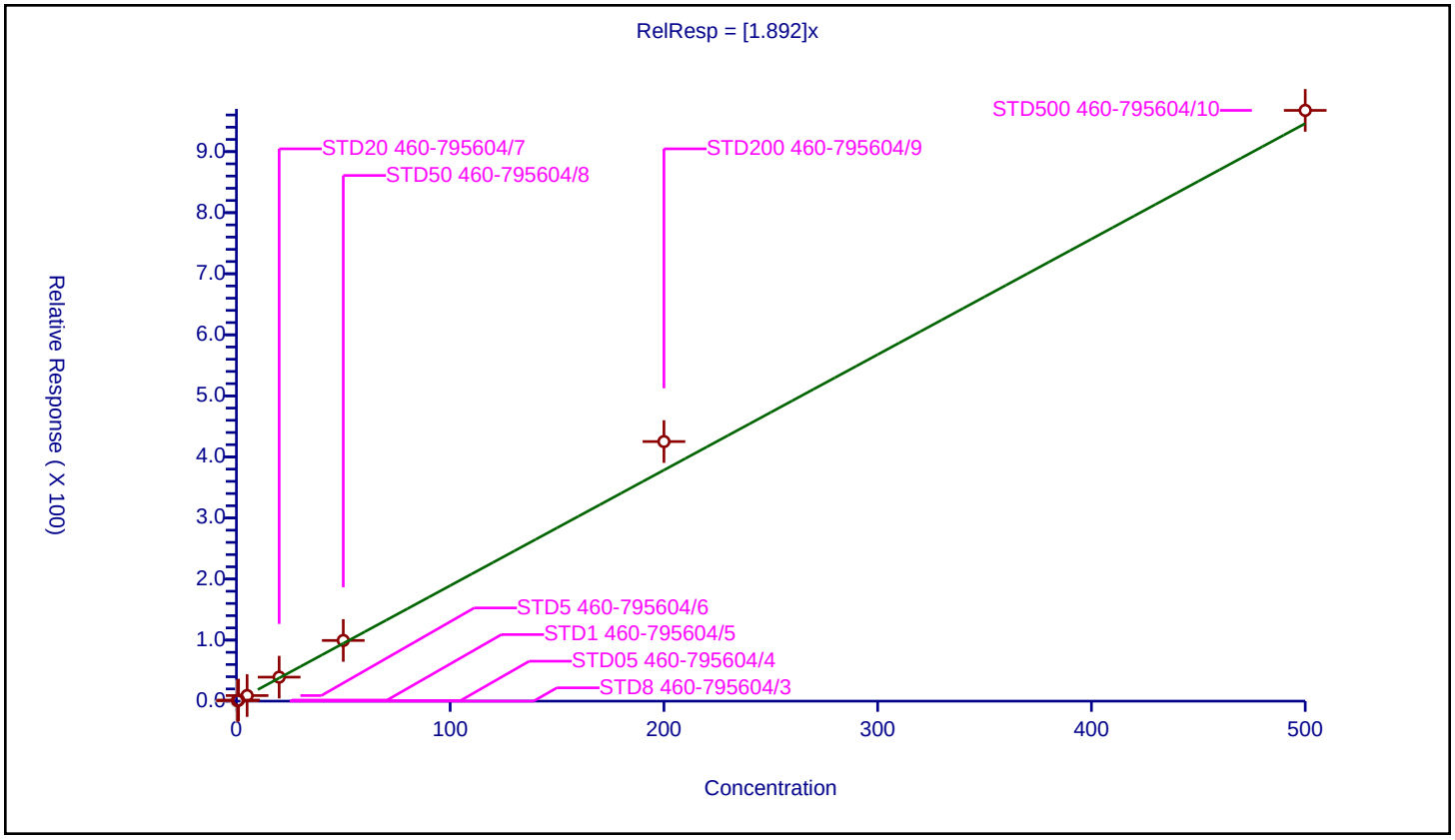
Curve Coefficients

Intercept:	0
Slope:	1.892

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.813563	50.0	188123.0	1.627127	Y
3	STD1 460-795604/5	1.0	1.770687	50.0	186679.0	1.770687	Y
4	STD5 460-795604/6	5.0	9.156793	50.0	188969.0	1.831359	Y
5	STD20 460-795604/7	20.0	39.32819	50.0	185484.0	1.96641	Y
6	STD50 460-795604/8	50.0	99.404756	50.0	187822.0	1.988095	Y
7	STD200 460-795604/9	200.0	425.158259	50.0	192722.0	2.125791	Y
8	STD500 460-795604/10	500.0	967.567953	50.0	196386.0	1.935136	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

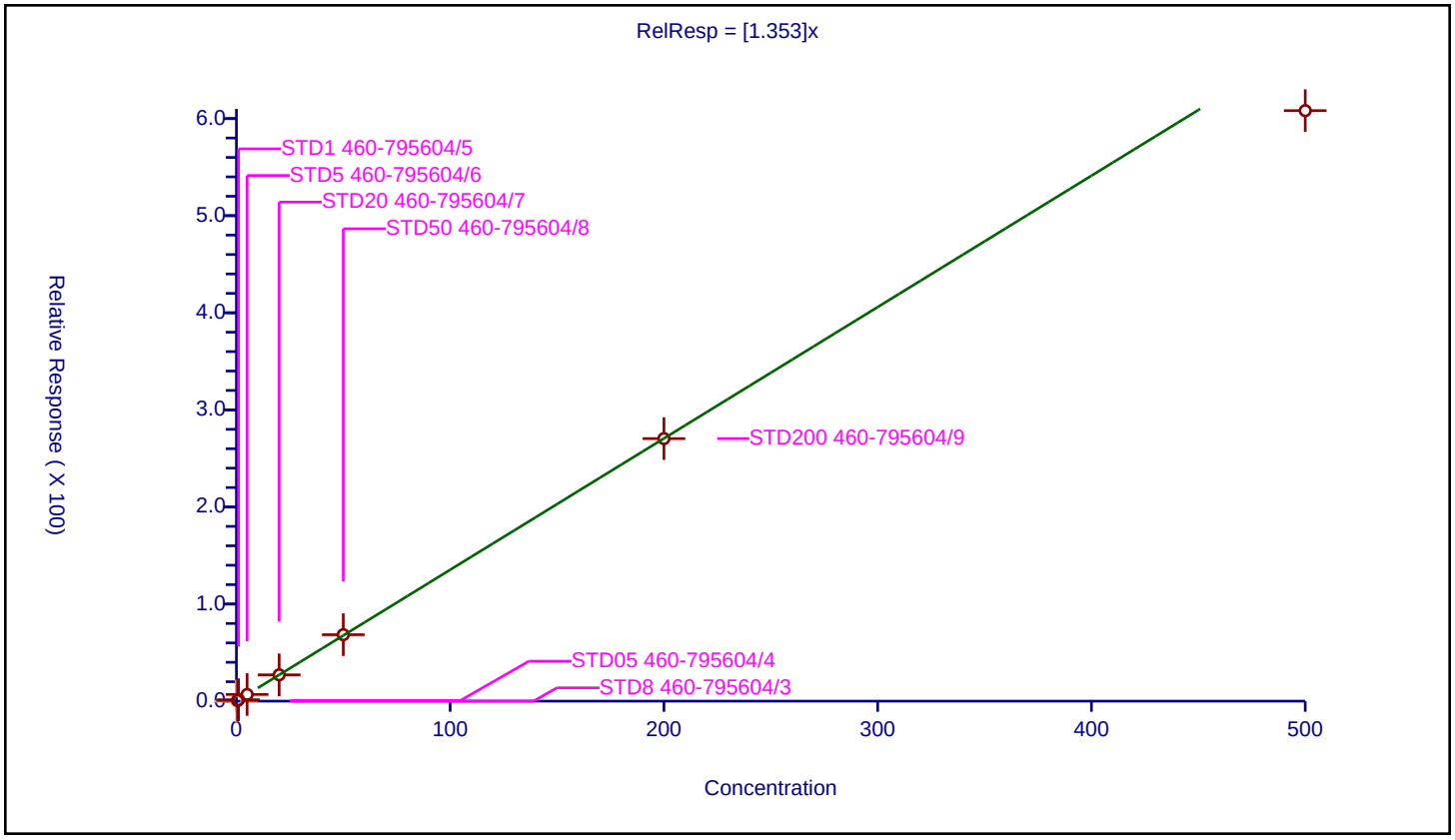
Curve Coefficients

Intercept:	0
Slope:	1.353

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.670838	50.0	188123.0	1.341675	Y
3	STD1 460-795604/5	1.0	1.464814	50.0	186679.0	1.464814	Y
4	STD5 460-795604/6	5.0	6.863295	50.0	188969.0	1.372659	Y
5	STD20 460-795604/7	20.0	27.089938	50.0	185484.0	1.354497	Y
6	STD50 460-795604/8	50.0	68.433943	50.0	187822.0	1.368679	Y
7	STD200 460-795604/9	200.0	270.411525	50.0	192722.0	1.352058	Y
8	STD500 460-795604/10	500.0	608.180064	50.0	196386.0	1.21636	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

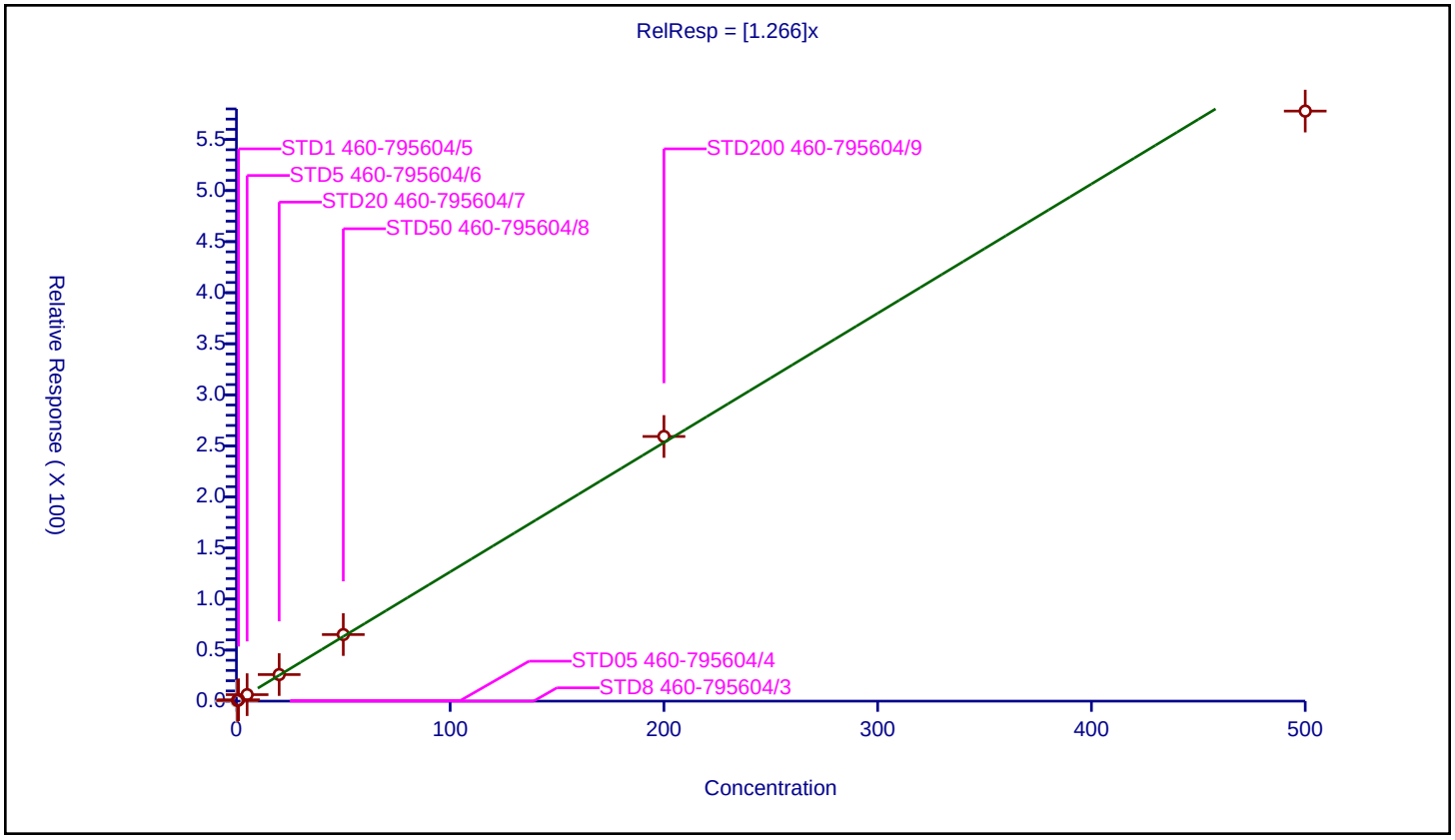
Curve Coefficients

Intercept:	0
Slope:	1.266

Error Coefficients

Standard Error:	1020000
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 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.612365	50.0	188123.0	1.224731	Y
3	STD1 460-795604/5	1.0	1.310538	50.0	186679.0	1.310538	Y
4	STD5 460-795604/6	5.0	6.359509	50.0	188969.0	1.271902	Y
5	STD20 460-795604/7	20.0	26.008982	50.0	185484.0	1.300449	Y
6	STD50 460-795604/8	50.0	65.187252	50.0	187822.0	1.303745	Y
7	STD200 460-795604/9	200.0	259.205488	50.0	192722.0	1.296027	Y
8	STD500 460-795604/10	500.0	577.867822	50.0	196386.0	1.155736	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

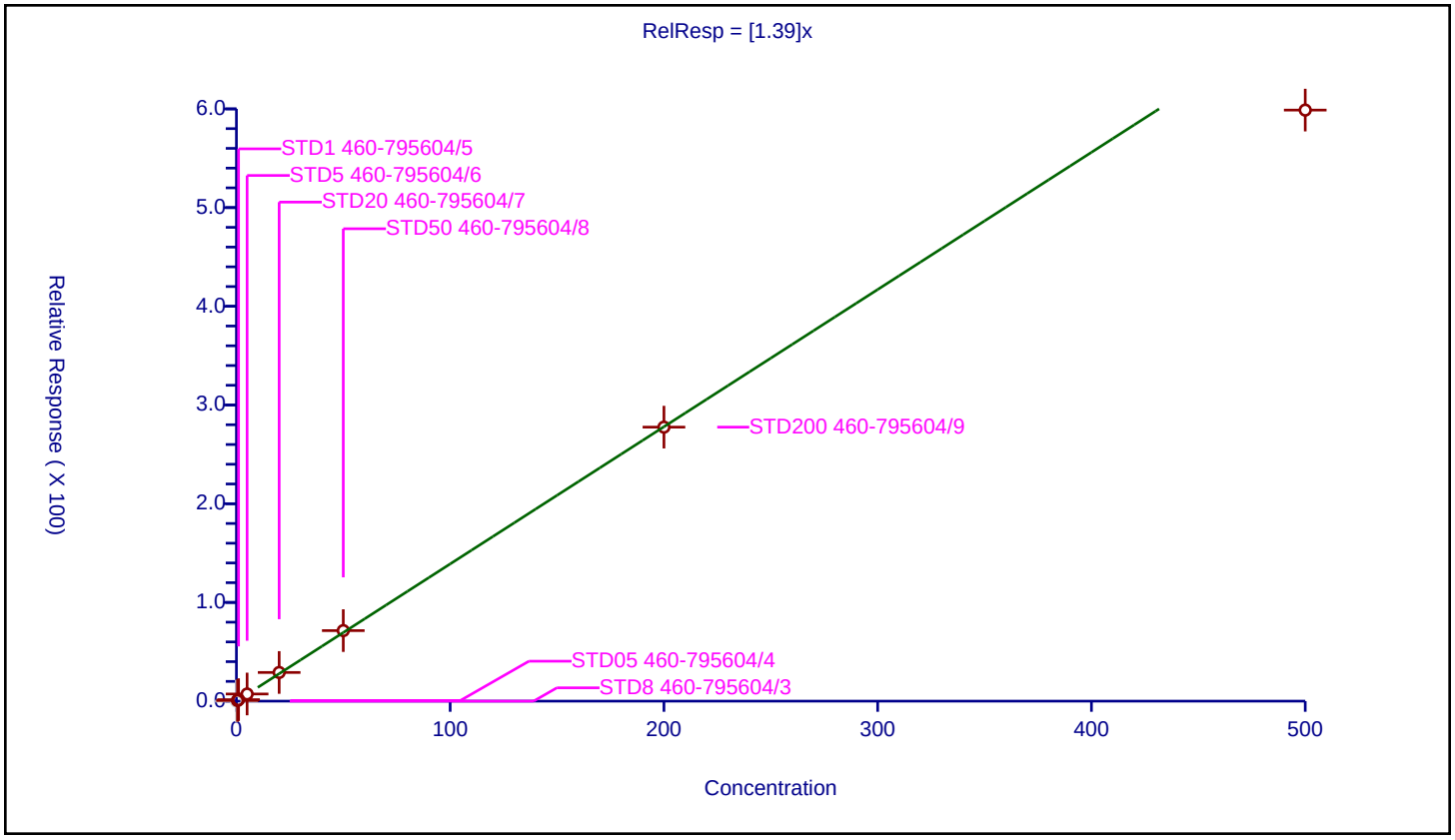
Curve Coefficients

Intercept:	0
Slope:	1.39

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.661535	50.0	188123.0	1.323071	Y
3	STD1 460-795604/5	1.0	1.492134	50.0	186679.0	1.492134	Y
4	STD5 460-795604/6	5.0	7.238489	50.0	188969.0	1.447698	Y
5	STD20 460-795604/7	20.0	29.049136	50.0	185484.0	1.452457	Y
6	STD50 460-795604/8	50.0	71.462076	50.0	187822.0	1.429242	Y
7	STD200 460-795604/9	200.0	277.576509	50.0	192722.0	1.387883	Y
8	STD500 460-795604/10	500.0	598.779699	50.0	196386.0	1.197559	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

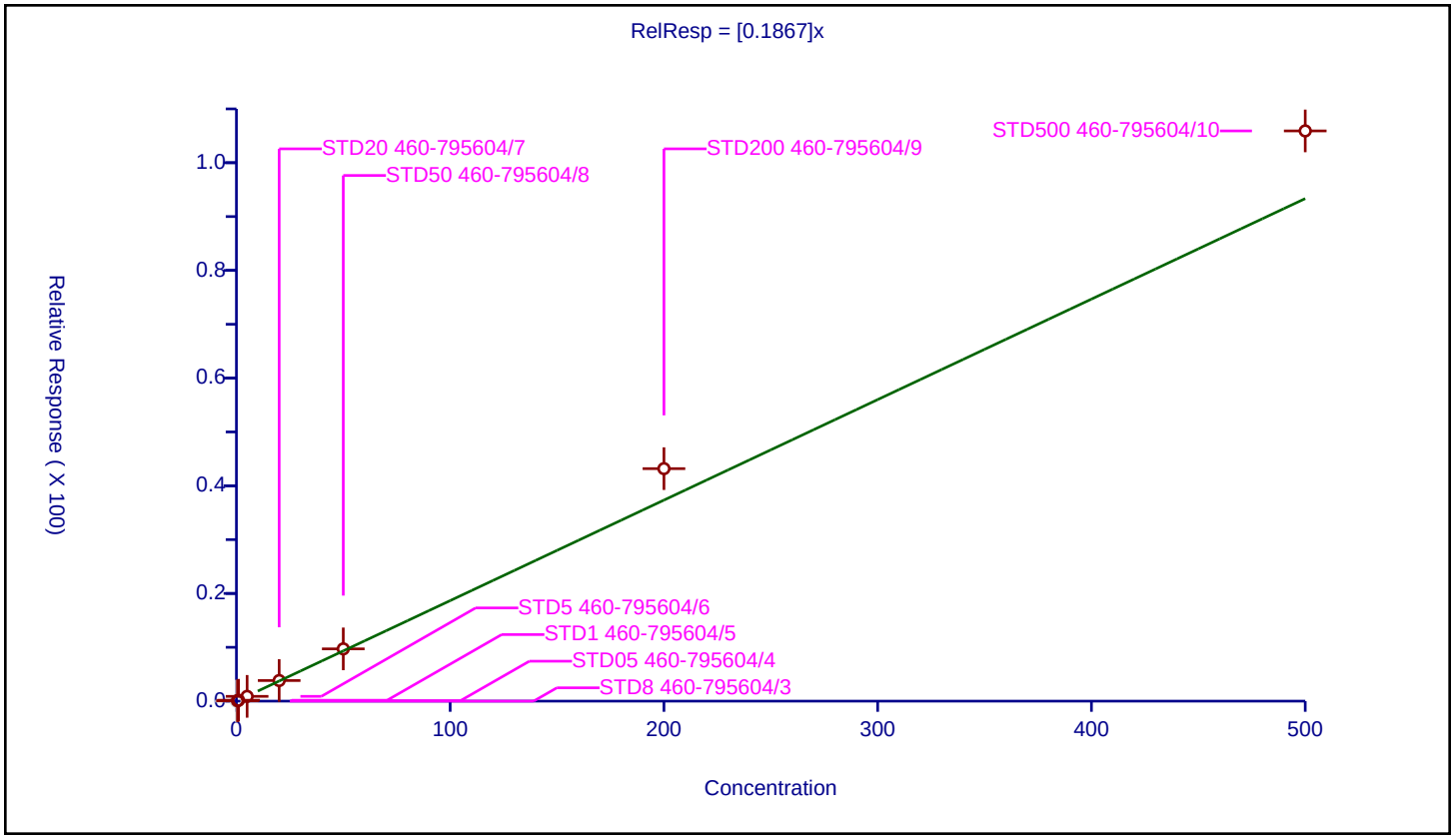
Curve Coefficients

Intercept:	0
Slope:	0.1867

Error Coefficients

Standard Error:	184000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.074951	50.0	188123.0	0.149902	Y
3	STD1 460-795604/5	1.0	0.166328	50.0	186679.0	0.166328	Y
4	STD5 460-795604/6	5.0	0.886653	50.0	188969.0	0.177331	Y
5	STD20 460-795604/7	20.0	3.826745	50.0	185484.0	0.191337	Y
6	STD50 460-795604/8	50.0	9.705732	50.0	187822.0	0.194115	Y
7	STD200 460-795604/9	200.0	43.183964	50.0	192722.0	0.21592	Y
8	STD500 460-795604/10	500.0	105.90979	50.0	196386.0	0.21182	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

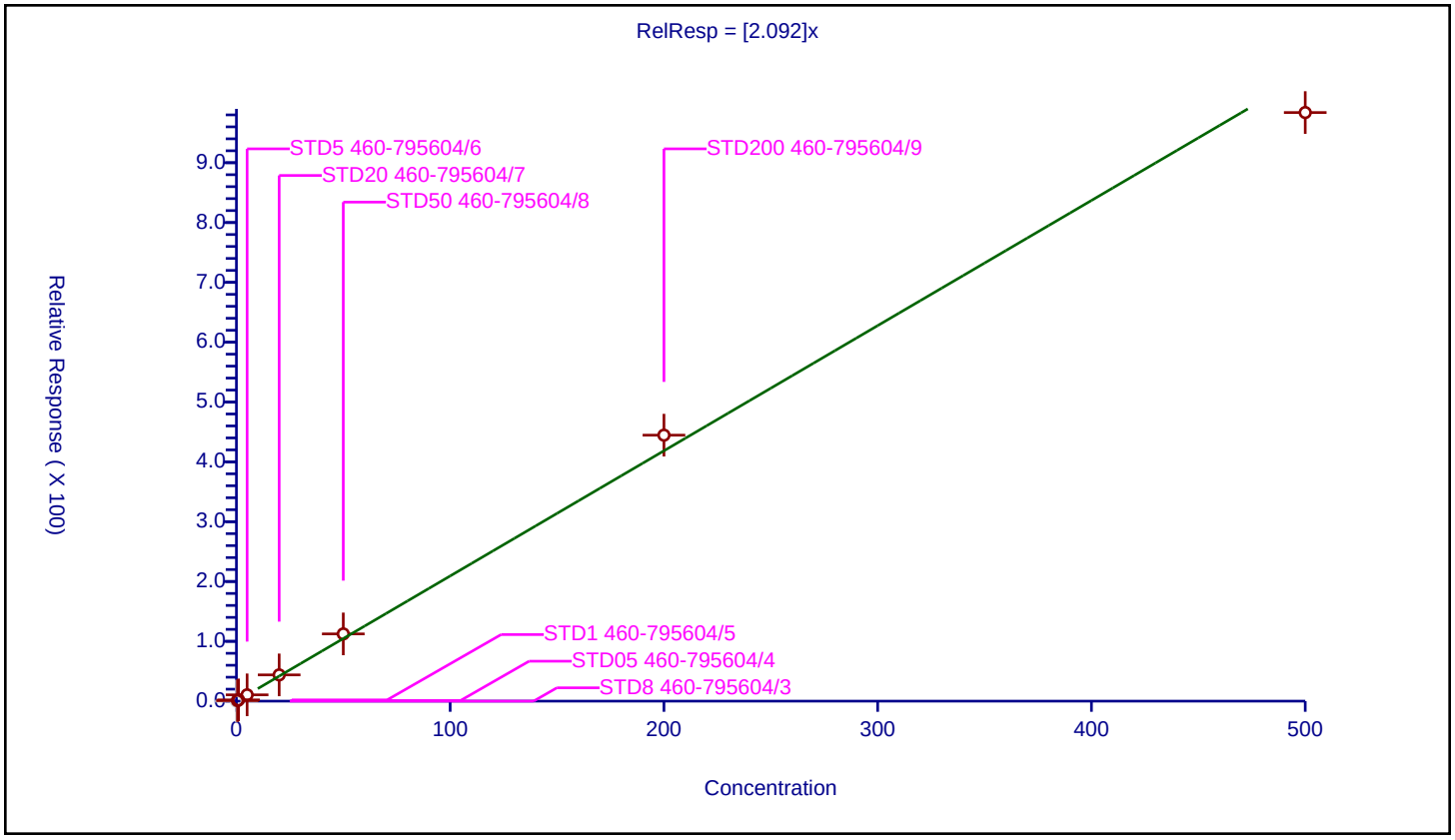
Curve Coefficients

Intercept:	0
Slope:	2.092

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	7.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.923598	50.0	188123.0	1.847196	Y
3	STD1 460-795604/5	1.0	2.058614	50.0	186679.0	2.058614	Y
4	STD5 460-795604/6	5.0	10.540618	50.0	188969.0	2.108124	Y
5	STD20 460-795604/7	20.0	43.871978	50.0	185484.0	2.193599	Y
6	STD50 460-795604/8	50.0	112.407492	50.0	187822.0	2.24815	Y
7	STD200 460-795604/9	200.0	444.628013	50.0	192722.0	2.22314	Y
8	STD500 460-795604/10	500.0	983.898292	50.0	196386.0	1.967797	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

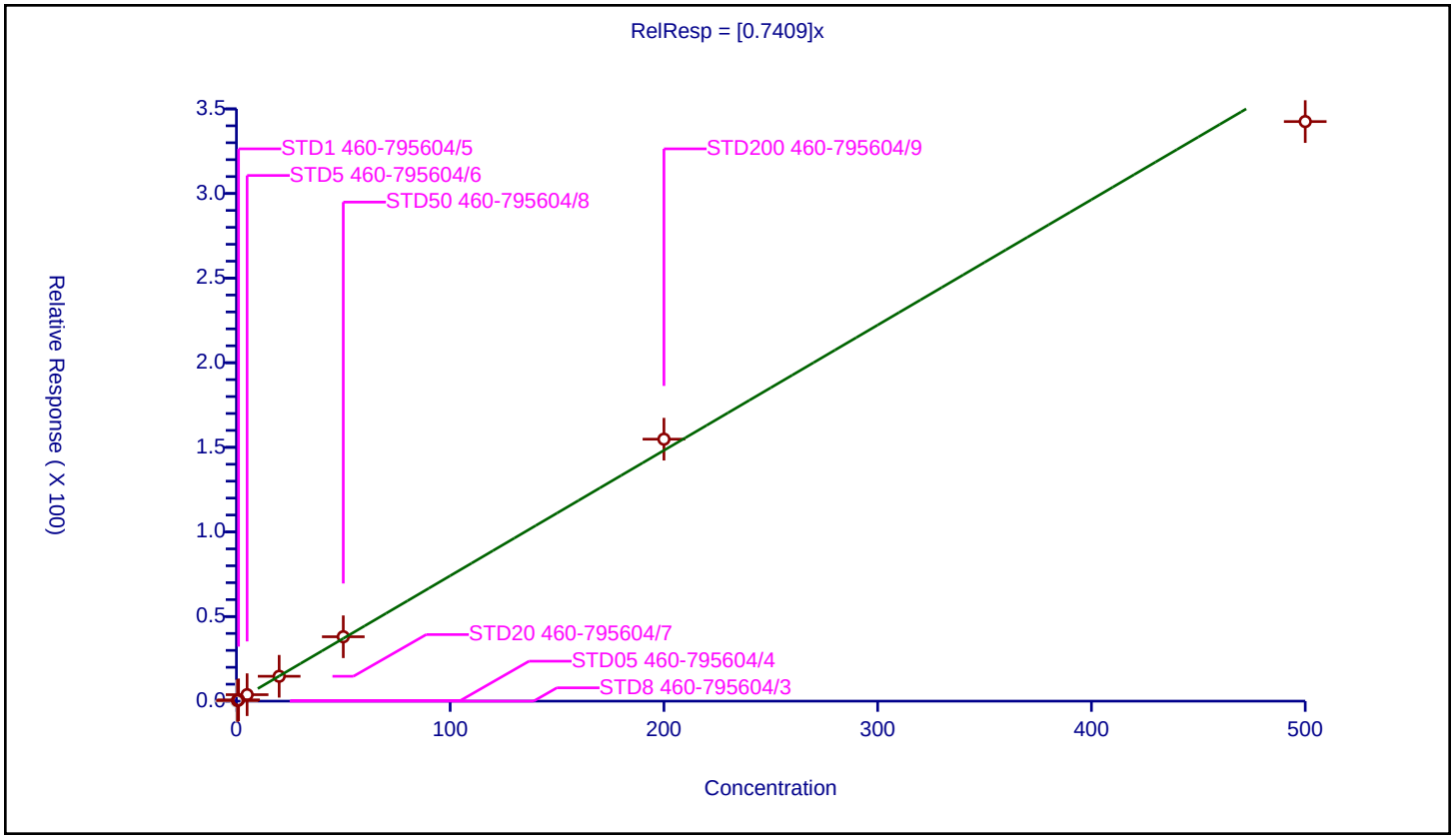
Curve Coefficients

Intercept:	0
Slope:	0.7409

Error Coefficients

Standard Error:	604000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.361731	50.0	188123.0	0.723463	Y
3	STD1 460-795604/5	1.0	0.744058	50.0	186679.0	0.744058	Y
4	STD5 460-795604/6	5.0	3.820203	50.0	188969.0	0.764041	Y
5	STD20 460-795604/7	20.0	14.69372	50.0	185484.0	0.734686	Y
6	STD50 460-795604/8	50.0	38.052252	50.0	187822.0	0.761045	Y
7	STD200 460-795604/9	200.0	154.811853	50.0	192722.0	0.774059	Y
8	STD500 460-795604/10	500.0	342.514741	50.0	196386.0	0.685029	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

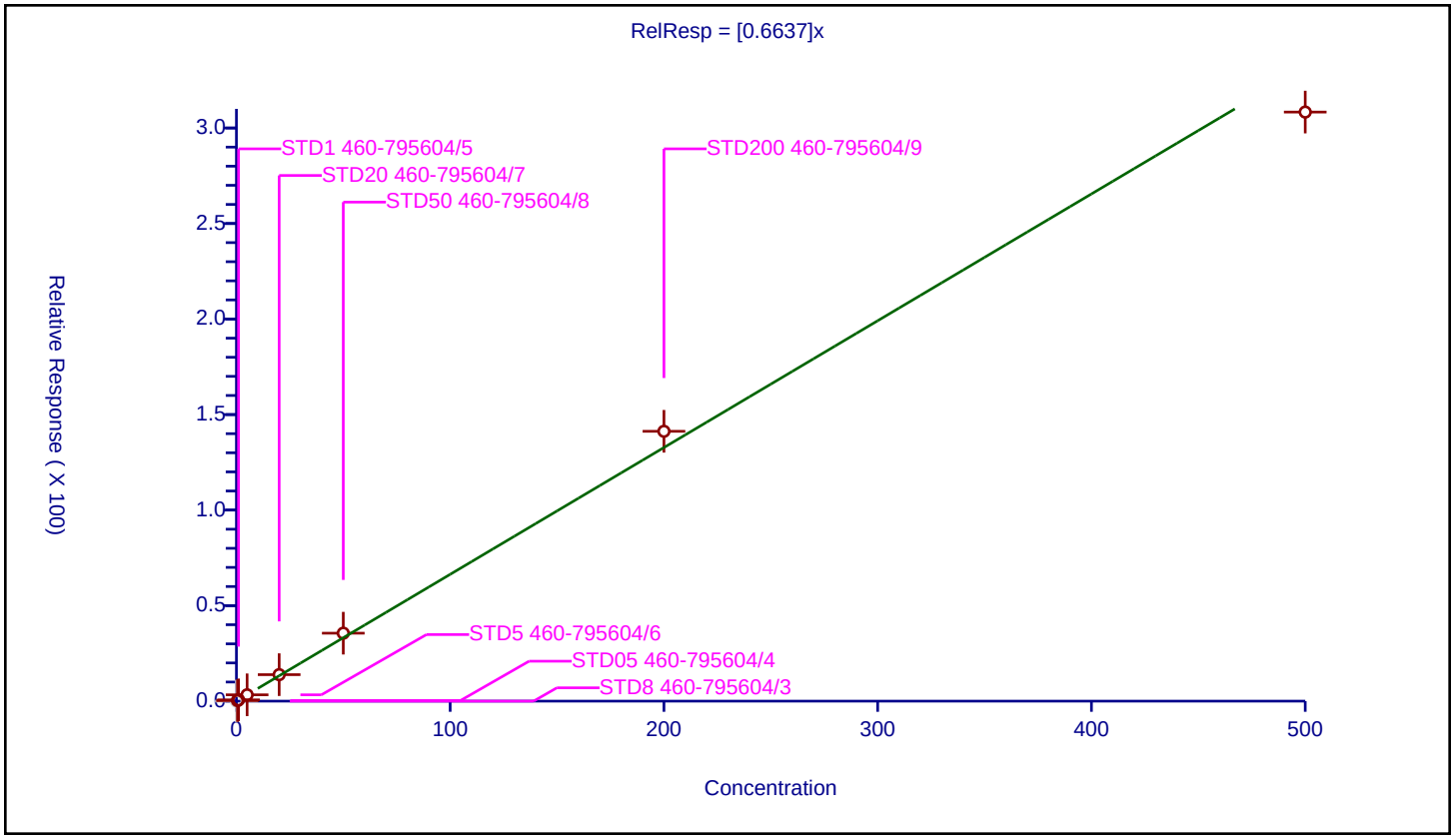
Curve Coefficients

Intercept:	0
Slope:	0.6637

Error Coefficients

Standard Error:	545000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.296083	50.0	188123.0	0.592166	Y
3	STD1 460-795604/5	1.0	0.66451	50.0	186679.0	0.66451	Y
4	STD5 460-795604/6	5.0	3.307421	50.0	188969.0	0.661484	Y
5	STD20 460-795604/7	20.0	13.870199	50.0	185484.0	0.69351	Y
6	STD50 460-795604/8	50.0	35.569582	50.0	187822.0	0.711392	Y
7	STD200 460-795604/9	200.0	141.248275	50.0	192722.0	0.706241	Y
8	STD500 460-795604/10	500.0	308.339953	50.0	196386.0	0.61668	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

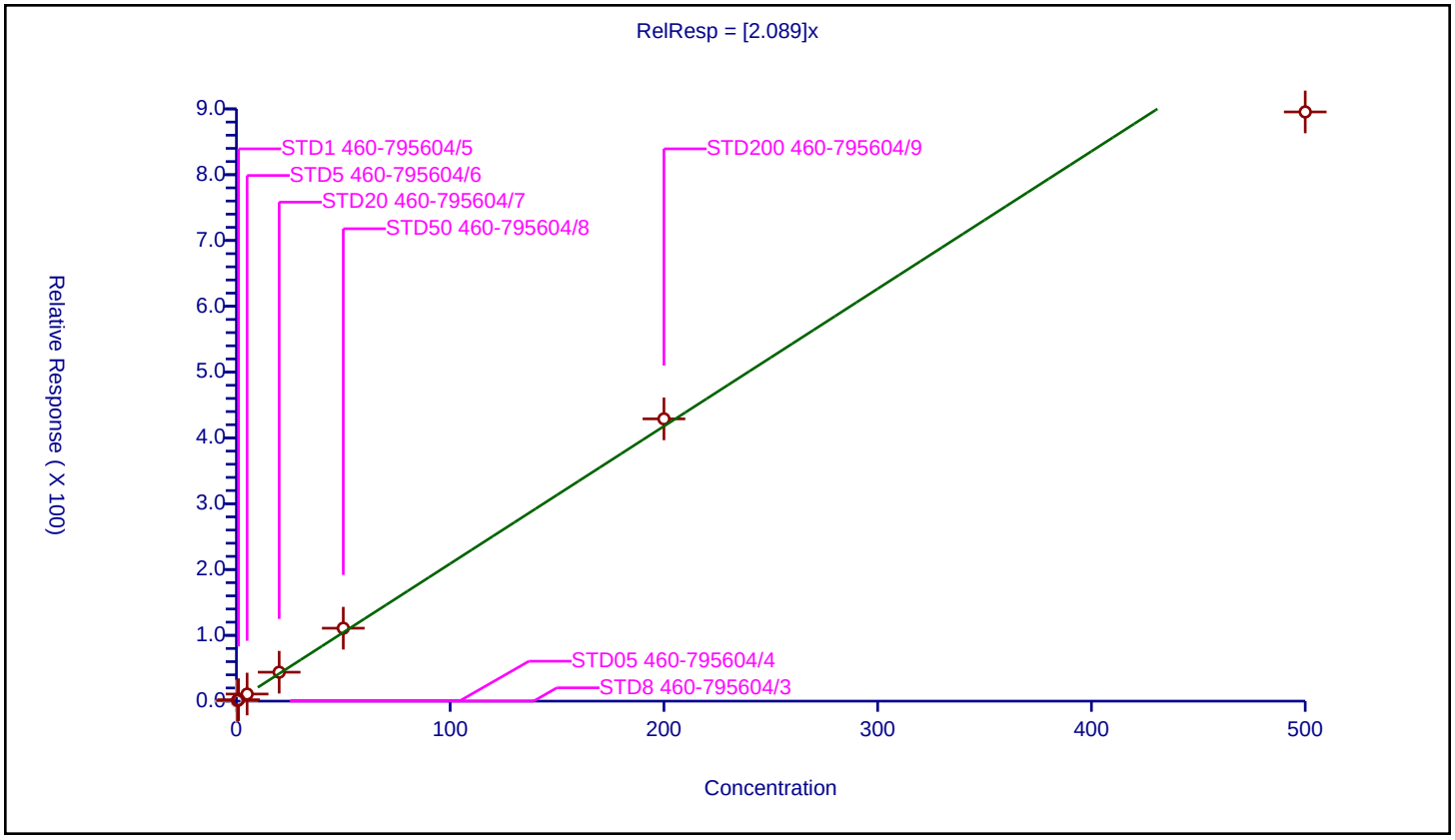
Curve Coefficients

Intercept:	0
Slope:	2.089

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	7.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.966123	50.0	188123.0	1.932246	Y
3	STD1 460-795604/5	1.0	2.181017	50.0	186679.0	2.181017	Y
4	STD5 460-795604/6	5.0	10.792776	50.0	188969.0	2.158555	Y
5	STD20 460-795604/7	20.0	43.968213	50.0	185484.0	2.198411	Y
6	STD50 460-795604/8	50.0	110.821416	50.0	187822.0	2.216428	Y
7	STD200 460-795604/9	200.0	428.954401	50.0	192722.0	2.144772	Y
8	STD500 460-795604/10	500.0	895.402676	50.0	196386.0	1.790805	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

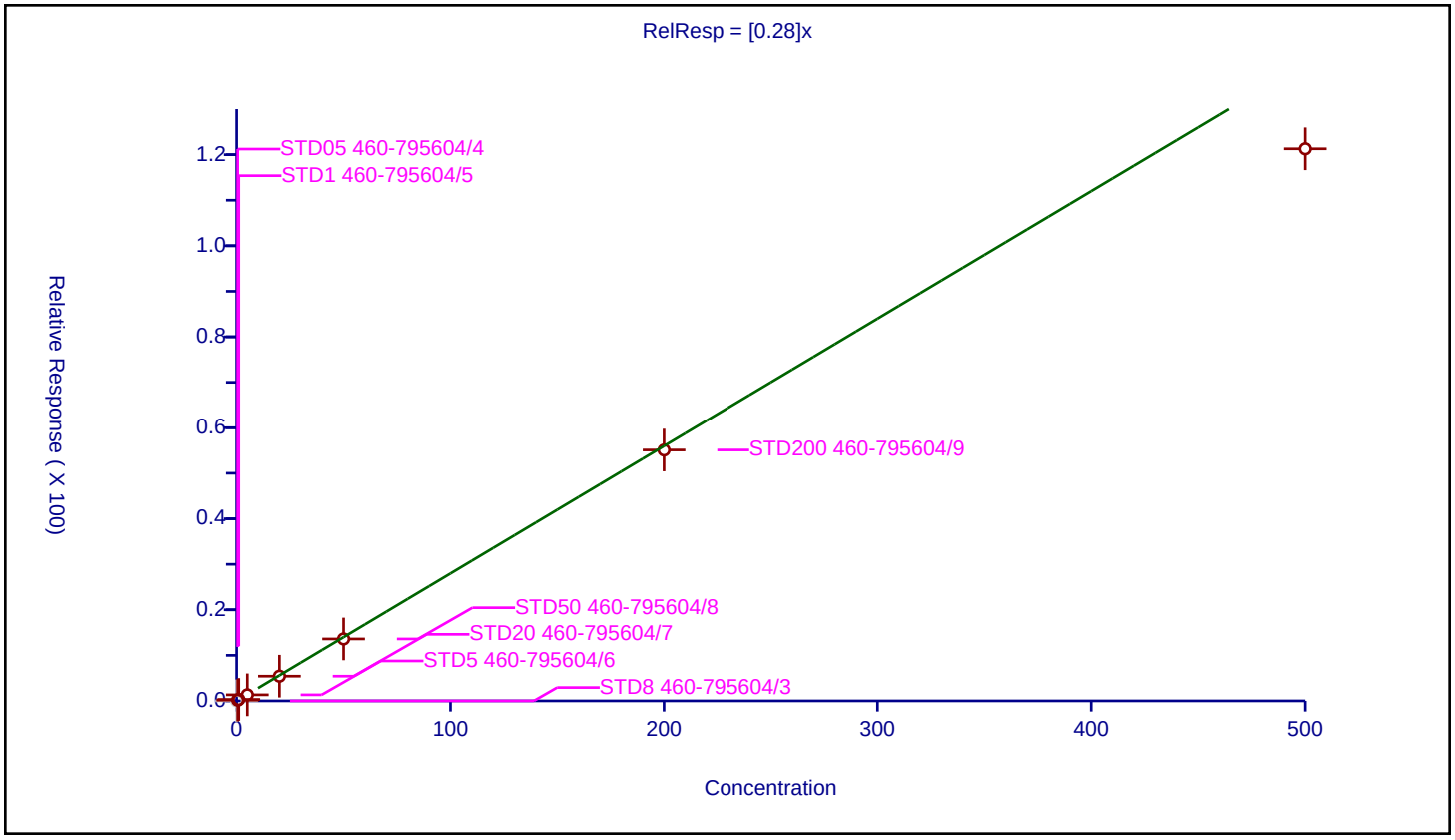
Curve Coefficients

Intercept:	0
Slope:	0.28

Error Coefficients

Standard Error:	214000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.160002	50.0	188123.0	0.320003	Y
3	STD1 460-795604/5	1.0	0.312301	50.0	186679.0	0.312301	Y
4	STD5 460-795604/6	5.0	1.330377	50.0	188969.0	0.266075	Y
5	STD20 460-795604/7	20.0	5.424457	50.0	185484.0	0.271223	Y
6	STD50 460-795604/8	50.0	13.601442	50.0	187822.0	0.272029	Y
7	STD200 460-795604/9	200.0	55.108913	50.0	192722.0	0.275545	Y
8	STD500 460-795604/10	500.0	121.28945	50.0	196386.0	0.242579	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

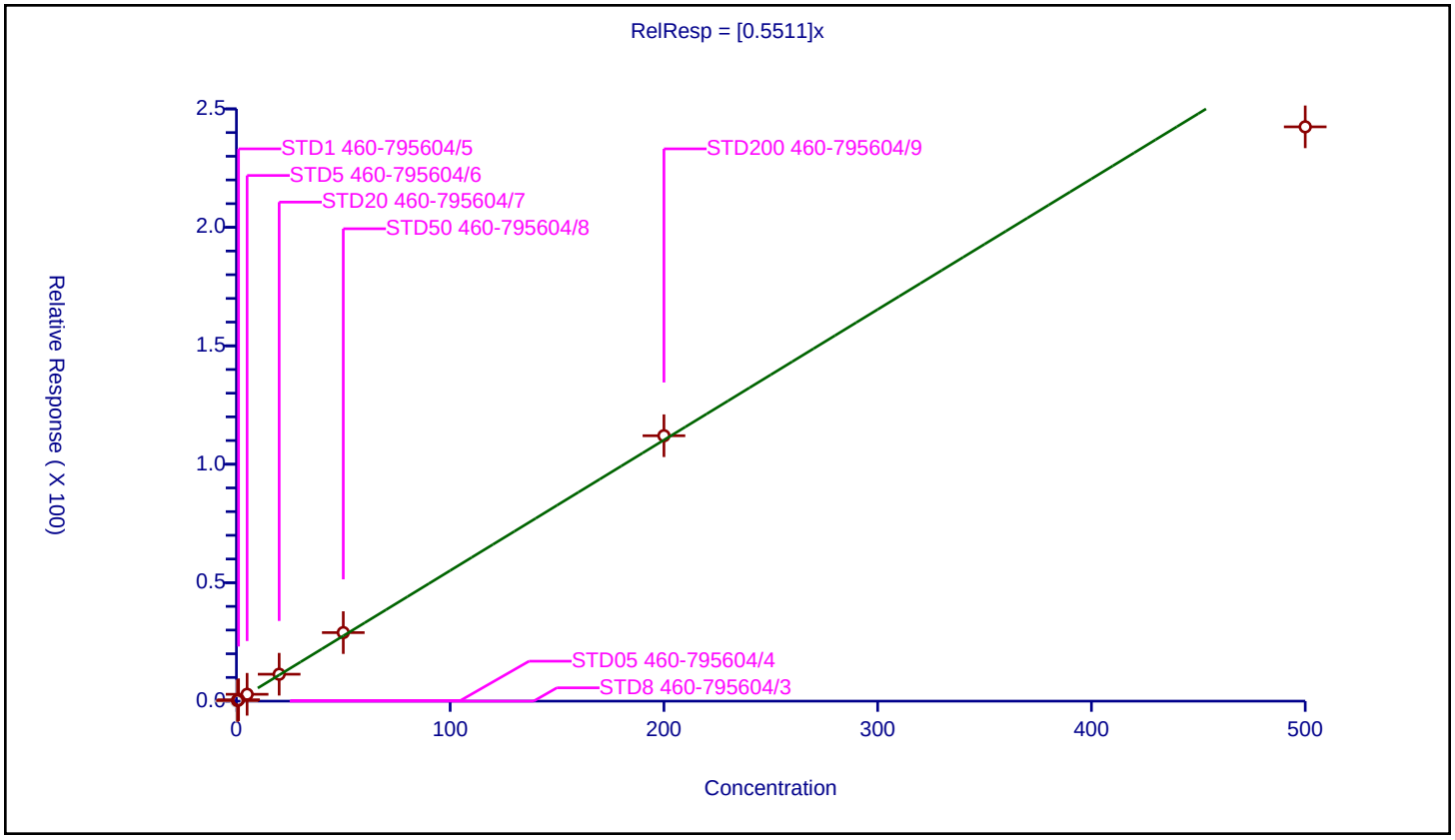
Curve Coefficients

Intercept:	0
Slope:	0.5511

Error Coefficients

Standard Error:	429000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-795604/3	0.0	0.0	50.0	190372.0	NaN	N
2	STD05 460-795604/4	0.5	0.252494	50.0	188123.0	0.504989	Y
3	STD1 460-795604/5	1.0	0.583354	50.0	186679.0	0.583354	Y
4	STD5 460-795604/6	5.0	2.890157	50.0	188969.0	0.578031	Y
5	STD20 460-795604/7	20.0	11.356505	50.0	185484.0	0.567825	Y
6	STD50 460-795604/8	50.0	28.935109	50.0	187822.0	0.578702	Y
7	STD200 460-795604/9	200.0	112.0404	50.0	192722.0	0.560202	Y
8	STD500 460-795604/10	500.0	242.420539	50.0	196386.0	0.484841	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: ICV 460-795604/15 Calibration Date: 08/11/2021 08:25

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T54006.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	0.0137	0.0053		7.76	20.0	-61.2*	30.0
Chlorotrifluoroethene	Ave	0.1071	0.0585		10.9	20.0	-45.4*	30.0
1,1-Difluoroethane	Ave	0.1690	0.1353		16.0	20.0	-19.9	30.0
Dichlorodifluoromethane	Ave	0.3843	0.3007	0.1000	15.7	20.0	-21.7	30.0
Chlorodifluoromethane	Ave	0.0656	0.0538		16.4	20.0	-17.9	30.0
Chloromethane	Ave	0.4045	0.3479	0.1000	17.2	20.0	-14.0	30.0
Vinyl chloride	Ave	0.4042	0.3674	0.1000	18.2	20.0	-9.1	30.0
Butadiene	Ave	0.3387	0.2976		17.6	20.0	-12.1	30.0
Bromomethane	QuaF		0.6848	0.1000	14.9	20.0	-25.5	30.0
Chloroethane	QuaF		1.061	0.1000	16.2	20.0	-19.2	30.0
Dichlorofluoromethane	Ave	0.5307	0.4842		18.2	20.0	-8.8	30.0
Trichlorofluoromethane	Ave	0.3835	0.3524	0.1000	18.4	20.0	-8.1	30.0
Pentane	Ave	0.0390	0.0380		39.0	40.0	-2.6	30.0
Ethanol	Ave	0.3968	0.3806		767	800	-4.1	30.0
Ethyl ether	Ave	0.2425	0.2681		22.1	20.0	10.6	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2387	0.2434		20.4	20.0	2.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2799	0.2797		20.0	20.0	-0.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4529	0.4502		19.9	20.0	-0.6	30.0
Acrolein	Ave	13.53	8.410		24.9	40.1	-37.8*	30.0
1,1-Dichloroethene	Ave	0.2734	0.2846	0.1000	20.8	20.0	4.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2572	0.2461	0.1000	19.1	20.0	-4.3	30.0
Acetone	Ave	0.7106	0.6383	0.0500	89.8	100	-10.2	30.0
Iodomethane	QuaF		0.2074		13.1	20.0	-34.5*	30.0
Carbon disulfide	Ave	0.9733	0.9455	0.1000	19.4	20.0	-2.9	30.0
Isopropyl alcohol	Ave	4.786	4.736		198	200	-1.0	30.0
Acetonitrile	Ave	0.1795	0.1857		207	200	3.5	30.0
3-Chloro-1-propene	Ave	0.2018	0.2348		23.3	20.0	16.3	30.0
Methyl acetate	Ave	0.2307	0.2610	0.1000	45.3	40.0	13.1	30.0
Cyclopentene	Ave	0.7750	0.7661		19.8	20.0	-1.2	30.0
Methylene Chloride	Ave	0.3354	0.3286	0.1000	19.6	20.0	-2.0	30.0
2-Methyl-2-propanol	Ave	7.402	7.300		197	200	-1.4	30.0
Acrylonitrile	Ave	0.1196	0.1333		223	200	11.5	30.0
trans-1,2-Dichloroethene	Ave	0.3036	0.3244	0.1000	21.4	20.0	6.8	30.0
Methyl tert-butyl ether	Ave	0.8252	0.9067	0.1000	22.0	20.0	9.9	30.0
Hexane	Ave	0.3555	0.3327		18.7	20.0	-6.4	30.0
1,1-Dichloroethane	Ave	0.6149	0.6109	0.2000	19.9	20.0	-0.6	30.0
Vinyl acetate	Ave	0.4567	0.4432		38.8	40.0	-3.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2899	0.3078		21.2	20.0	6.2	30.0
Isopropyl ether	Ave	0.9828	1.075		21.9	20.0	9.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: ICV 460-795604/15 Calibration Date: 08/11/2021 08:25

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T54006.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
Tert-butyl ethyl ether	Ave	0.9079	1.003		22.1	20.0	10.5	30.0
2,2-Dichloropropane	Ave	0.1062	0.1113		21.0	20.0	4.8	30.0
cis-1,2-Dichloroethene	Ave	0.3284	0.3471	0.1000	21.1	20.0	5.7	30.0
Methyl Ethyl Ketone	Ave	0.9767	1.018	0.0500	104	100	4.3	30.0
Propionitrile	Ave	11.12	11.41		205	200	2.6	30.0
Ethyl acetate	Ave	0.2545	0.2720		42.8	40.0	6.9	30.0
Methyl acrylate	Ave	0.3393	0.3387		20.0	20.0	-0.2	30.0
Chlorobromomethane	Ave	0.1317	0.1340		20.3	20.0	1.7	30.0
Methacrylonitrile	Ave	0.1262	0.1441		228	200	14.2	30.0
Tetrahydrofuran	Ave	0.3048	0.3058		40.1	40.0	0.3	30.0
Chloroform	Ave	0.5559	0.5678	0.2000	20.4	20.0	2.1	30.0
1,1,1-Trichloroethane	Ave	0.4776	0.4785	0.1000	20.0	20.0	0.2	30.0
Cyclohexane	Ave	0.4029	0.3837	0.1000	19.0	20.0	-4.8	30.0
1,1-Dichloropropene	Ave	0.4655	0.4586		19.7	20.0	-1.5	30.0
Carbon tetrachloride	Ave	0.3830	0.3802	0.1000	19.9	20.0	-0.7	30.0
Isobutyl alcohol	Ave	2.350	2.663		567	500	13.3	30.0
Benzene	Ave	1.849	1.944	0.5000	21.0	20.0	5.1	30.0
1,2-Dichloroethane	Ave	0.4251	0.4323	0.1000	20.3	20.0	1.7	30.0
Isopropyl acetate	Ave	0.1155	0.1279		22.2	20.0	10.8	30.0
Tert-amyl methyl ether	Ave	0.8392	0.9158		21.8	20.0	9.1	30.0
n-Heptane	Ave	0.2980	0.2678		18.0	20.0	-10.1	30.0
Trichloroethene	Ave	0.3376	0.3384	0.2000	20.0	20.0	0.2	30.0
n-Butanol	QuaF		1.695		399	500	-20.1	30.0
Ethyl acrylate	Ave	0.7019	0.7354		21.0	20.0	4.8	30.0
Methylcyclohexane	Ave	0.3897	0.3724	0.1000	19.1	20.0	-4.4	30.0
1,2-Dichloropropane	Ave	0.3430	0.3530	0.1000	20.6	20.0	2.9	30.0
Dibromomethane	Ave	0.1875	0.1999		21.3	20.0	6.6	30.0
1,4-Dioxane	Ave	1.197	1.222		409	400	2.1	30.0
Methyl methacrylate	Ave	0.0722	0.0832		46.1	40.0	15.3	30.0
n-Propyl acetate	Ave	0.4021	0.4505		22.4	20.0	12.0	30.0
Bromodichloromethane	Ave	0.4088	0.4365	0.2000	21.4	20.0	6.8	30.0
2-Nitropropane	Ave	0.0751	0.0765		40.8	40.0	1.9	30.0
2-Chloroethyl vinyl ether	Ave	0.0458	0.0538		23.5	20.0	17.4	30.0
Epichlorohydrin	Ave	0.2467	0.2449		19.9	20.0	-0.7	30.0
cis-1,3-Dichloropropene	Ave	0.7503	0.7954	0.2000	21.2	20.0	6.0	30.0
methyl isobutyl ketone	Ave	1.997	2.073	0.0500	104	100	3.8	30.0
Toluene	Ave	1.879	1.922	0.4000	20.5	20.0	2.3	30.0
trans-1,3-Dichloropropene	Ave	0.6576	0.6794	0.1000	20.7	20.0	3.3	30.0
Ethyl methacrylate	Ave	0.5231	0.5639		21.6	20.0	7.8	30.0
1,1,2-Trichloroethane	Ave	0.3276	0.3572	0.1000	21.8	20.0	9.0	30.0
Tetrachloroethene	Ave	0.3703	0.3895	0.2000	21.0	20.0	5.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: ICV 460-795604/15 Calibration Date: 08/11/2021 08:25

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T54006.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	0.6823	0.7295		21.4	20.0	6.9	30.0
2-Hexanone	Ave	1.389	1.408	0.0500	101	100	1.4	30.0
Dibromochloromethane	Ave	0.3719	0.4128	0.1000	22.2	20.0	11.0	30.0
Ethylene Dibromide	Ave	0.3813	0.4122	0.1000	21.6	20.0	8.1	30.0
n-Butyl acetate	Ave	0.6313	0.6827		21.6	20.0	8.1	30.0
Chlorobenzene	Ave	1.071	1.102	0.5000	20.6	20.0	2.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3557	0.3737		21.0	20.0	5.1	30.0
Ethylbenzene	Ave	0.5680	0.5990	0.1000	21.1	20.0	5.5	30.0
m-Xylene & p-Xylene	Ave	0.6846	0.7207	0.1000	21.1	20.0	5.3	30.0
o-Xylene	Ave	0.6354	0.6925	0.3000	21.8	20.0	9.0	30.0
Styrene	Ave	1.084	1.135	0.3000	20.9	20.0	4.7	30.0
n-Butyl acrylate	Ave	0.2876	0.3111		21.6	20.0	8.2	30.0
Bromoform	Ave	0.2277	0.2442	0.1000	21.4	20.0	7.2	30.0
Amyl acetate (mixed isomers)	Ave	1.574	1.656		21.0	20.0	5.2	30.0
Isopropylbenzene	Ave	1.608	1.713	0.1000	21.3	20.0	6.6	30.0
Bromobenzene	Ave	0.8330	0.8639		20.7	20.0	3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	1.153	1.223	0.3000	21.2	20.0	6.1	30.0
1,2,3-Trichloropropane	Ave	0.3045	0.3231		21.2	20.0	6.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3562	0.3875		21.8	20.0	8.8	30.0
N-Propylbenzene	Ave	4.532	4.686		20.7	20.0	3.4	30.0
2-Chlorotoluene	Ave	2.729	2.786		20.4	20.0	2.1	30.0
4-Ethyltoluene	Ave	3.316	3.413		20.6	20.0	2.9	30.0
4-Chlorotoluene	Ave	3.144	3.319		21.1	20.0	5.6	30.0
1,3,5-Trimethylbenzene	Ave	2.662	2.870		21.6	20.0	7.8	30.0
Butyl Methacrylate	Ave	1.011	1.081		21.4	20.0	6.8	30.0
tert-Butylbenzene	Ave	2.136	2.245		21.0	20.0	5.1	30.0
1,2,4-Trimethylbenzene	Ave	2.721	2.905		21.4	20.0	6.8	30.0
sec-Butylbenzene	Ave	3.192	3.342		20.9	20.0	4.7	30.0
1,3-Dichlorobenzene	Ave	1.407	1.444	0.6000	20.5	20.0	2.6	30.0
1,4-Dichlorobenzene	Ave	1.454	1.514	0.5000	20.8	20.0	4.1	30.0
4-Isopropyltoluene	Ave	2.516	2.677		21.3	20.0	6.4	30.0
1,2,3-Trimethylbenzene	Ave	2.753	2.940		21.4	20.0	6.8	30.0
Benzyl chloride	Ave	1.892	2.116		22.4	20.0	11.8	30.0
2,3-Dihydroindene	Ave	2.568	2.746		21.4	20.0	6.9	30.0
1,2-Dichlorobenzene	Ave	1.353	1.408	0.4000	20.8	20.0	4.1	30.0
p-Diethylbenzene	Ave	1.266	1.541		24.3	20.0	21.7	30.0
n-Butylbenzene	Ave	1.390	1.473		21.2	20.0	5.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1867	0.1935	0.0500	20.7	20.0	3.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.092	2.234		21.4	20.0	6.8	30.0
1,3,5-Trichlorobenzene	Ave	0.7409	0.7928		21.4	20.0	7.0	30.0
1,2,4-Trichlorobenzene	Ave	0.6637	0.7412	0.2000	22.3	20.0	11.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: ICV 460-795604/15 Calibration Date: 08/11/2021 08:25

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T54006.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.089	2.354		22.5	20.0	12.7	30.0
Hexachlorobutadiene	Ave	0.2800	0.3020		21.6	20.0	7.9	30.0
1,2,3-Trichlorobenzene	Ave	0.5511	0.6219		22.6	20.0	12.8	30.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2596		49.9	50.0	-0.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3320	0.3306		49.8	50.0	-0.4	30.0
Toluene-d8 (Surr)	Ave	1.417	1.431		50.5	50.0	1.0	30.0
4-Bromofluorobenzene	Ave	0.3530	0.3554		50.3	50.0	0.7	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54006.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 11-Aug-2021 08:25:38 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0133123-015
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Aug-2021 20:41:55 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: desais Date: 11-Aug-2021 09:45:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.591	0.000	28	1311	20.0	7.76	
3 Chlorotrifluoroethene	116	0.628	0.627	0.001	63	14421	20.0	10.9	
2 1,1-Difluoroethane	65	0.634	0.633	0.001	98	33329	20.0	16.0	
4 Dichlorodifluoromethane	85	0.646	0.640	0.006	71	74093	20.0	15.7	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	77	13266	20.0	16.4	
6 Chloromethane	50	0.719	0.719	0.000	89	85706	20.0	17.2	
7 Vinyl chloride	62	0.756	0.755	0.001	84	90525	20.0	18.2	
8 Butadiene	54	0.768	0.768	0.000	97	73329	20.0	17.6	
9 Bromomethane	94	0.884	0.883	0.001	98	24261	20.0	14.9	M
10 Chloroethane	64	0.926	0.926	0.000	97	37606	20.0	16.2	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	119289	20.0	18.2	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	87	86825	20.0	18.4	
13 Pentane	72	1.066	1.066	0.000	96	18707	40.0	39.0	
14 Ethanol	46	1.121	1.121	0.000	95	17108	800.0	767.3	
15 Ethyl ether	59	1.158	1.158	0.000	66	66042	20.0	22.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	59978	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	1.170	1.170	0.000	83	68903	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.194	1.188	0.006	97	110906	20.0	19.9	
19 Acrolein	56	1.213	1.213	0.000	95	18925	40.1	24.9	
20 1,1-Dichloroethene	96	1.262	1.261	0.001	88	70108	20.0	20.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.268	1.261	0.007	70	60633	20.0	19.1	
22 Acetone	43	1.286	1.286	0.000	87	113065	100.0	89.8	
23 Iodomethane	142	1.329	1.328	0.001	100	51086	20.0	13.1	
24 Carbon disulfide	76	1.359	1.359	0.000	99	232944	20.0	19.4	
25 Isopropyl alcohol	45	1.365	1.359	0.006	35	53214	200.0	197.9	
26 Acetonitrile	40	1.426	1.426	0.000	85	65801	200.0	206.9	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	92	57851	20.0	23.3	
28 Methyl acetate	43	1.451	1.444	0.007	98	128586	40.0	45.3	
29 Cyclopentene	67	1.475	1.475	0.000	96	188748	20.0	19.8	
30 Methylene Chloride	84	1.493	1.493	0.000	90	80965	20.0	19.6	

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	1.524	1.524	0.000	99	56186	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	82036	200.0	197.3	
33 Acrylonitrile	53	1.627	1.621	0.006	94	328477	200.0	223.0	
34 trans-1,2-Dichloroethene	96	1.640	1.639	0.001	86	79911	20.0	21.4	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	223395	20.0	22.0	
36 Hexane	57	1.804	1.804	0.000	93	81974	20.0	18.7	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	150519	20.0	19.9	
38 Vinyl acetate	86	1.920	1.920	0.000	100	31406	40.0	38.8	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	65	75844	20.0	21.2	
40 Isopropyl ether	45	1.932	1.932	0.000	75	264961	20.0	21.9	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	247083	20.0	22.1	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	79	442857	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	80	27410	20.0	21.0	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	84	85510	20.0	21.1	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	100	180369	100.0	104.3	
46 Propionitrile	54	2.298	2.298	0.000	98	128172	200.0	205.2	
47 Ethyl acetate	70	2.316	2.316	0.000	100	19275	40.0	42.8	
48 Methyl acrylate	55	2.335	2.334	0.000	94	83448	20.0	20.0	
50 Methacrylonitrile	67	2.408	2.401	0.007	91	355082	200.0	228.4	
49 Chlorobromomethane	128	2.408	2.408	0.000	44	33019	20.0	20.3	
51 Tetrahydrofuran	72	2.444	2.444	0.000	78	21671	40.0	40.1	
52 Chloroform	83	2.475	2.475	0.000	93	139886	20.0	20.4	
$ 53 Dibromofluoromethane (Surr)	113	2.591	2.590	0.001	95	159915	50.0	49.9	
54 1,1,1-Trichloroethane	97	2.597	2.597	0.000	81	117897	20.0	20.0	
55 Cyclohexane	84	2.639	2.639	0.000	92	94534	20.0	19.0	
56 Carbon tetrachloride	117	2.725	2.725	0.000	75	93661	20.0	19.9	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	93	112975	20.0	19.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.841	2.840	0.000	92	203651	50.0	49.8	
59 Isobutyl alcohol	43	2.877	2.877	0.000	45	74799	500.0	566.5	
60 Benzene	78	2.883	2.883	0.000	97	326627	20.0	21.0	
61 1,2-Dichloroethane	62	2.901	2.901	0.000	61	106497	20.0	20.3	
62 Isooctane	57	2.975	2.975	0.000	95	148386	20.0	19.6	a
63 Isopropyl acetate	61	2.999	2.993	0.006	93	31513	20.0	22.2	
64 Tert-amyl methyl ether	73	3.005	3.005	0.000	75	225619	20.0	21.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	97	615931	50.0	50.0	
66 n-Heptane	43	3.151	3.151	0.000	90	65986	20.0	18.0	
67 Trichloroethene	95	3.450	3.450	0.000	90	83373	20.0	20.0	
68 n-Butanol	56	3.475	3.474	0.001	88	47631	500.0	399.3	
69 Ethyl acrylate	55	3.609	3.609	0.000	98	181175	20.0	21.0	
70 Methylcyclohexane	83	3.621	3.621	0.000	76	91757	20.0	19.1	
71 1,2-Dichloropropane	63	3.651	3.651	0.000	87	86970	20.0	20.6	
72 Dibromomethane	93	3.761	3.761	0.000	49	49239	20.0	21.3	
* 73 1,4-Dioxane-d8	96	3.767	3.767	0.000	82	42002	1000.0	1000.0	
74 1,4-Dioxane	88	3.816	3.810	0.006	36	20535	400.0	408.6	
75 Methyl methacrylate	100	3.828	3.828	0.000	91	41011	40.0	46.1	
76 n-Propyl acetate	43	3.907	3.907	0.000	98	110989	20.0	22.4	
77 Dichlorobromomethane	83	3.938	3.938	0.000	95	107542	20.0	21.4	
78 2-Nitropropane	41	4.182	4.182	0.000	98	37700	40.0	40.8	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	95	13256	20.0	23.5	
80 Epichlorohydrin	57	4.334	4.334	0.000	85	8678	20.0	19.9	a
81 cis-1,3-Dichloropropene	75	4.426	4.425	0.001	89	133635	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.633	0.000	97	367263	100.0	103.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	4.712	4.712	0.000	98	601111	50.0	50.5	
84 Toluene	91	4.785	4.785	0.000	93	322922	20.0	20.5	
85 trans-1,3-Dichloropropene	75	5.090	5.090	0.000	94	114157	20.0	20.7	
86 Ethyl methacrylate	69	5.279	5.279	0.000	88	94743	20.0	21.6	
87 1,1,2-Trichloroethane	83	5.291	5.291	0.000	82	60015	20.0	21.8	
88 Tetrachloroethene	166	5.432	5.431	0.001	84	65450	20.0	21.0	
89 1,3-Dichloropropane	76	5.486	5.486	0.000	94	122578	20.0	21.4	
90 2-Hexanone	43	5.675	5.675	0.000	96	249492	100.0	101.4	
91 Chlorodibromomethane	129	5.761	5.761	0.000	96	69355	20.0	22.2	
92 Ethylene Dibromide	107	5.864	5.864	0.000	98	69253	20.0	21.6	
93 n-Butyl acetate	43	5.907	5.907	0.000	99	114699	20.0	21.6	
* 94 Chlorobenzene-d5	117	6.523	6.523	0.000	88	420049	50.0	50.0	
95 Chlorobenzene	112	6.559	6.559	0.000	89	185097	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	6.706	6.706	0.000	90	62797	20.0	21.0	
97 Ethylbenzene	106	6.767	6.767	0.001	99	100649	20.0	21.1	
98 m-Xylene & p-Xylene	106	6.950	6.949	0.001	92	121092	20.0	21.1	
99 o-Xylene	106	7.510	7.510	0.000	92	116346	20.0	21.8	
100 Styrene	104	7.541	7.541	0.000	88	190699	20.0	20.9	
101 n-Butyl acrylate	73	7.645	7.644	0.000	96	52270	20.0	21.6	
102 Bromoform	173	7.748	7.748	0.000	92	41024	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	8.029	8.028	0.001	90	126795	20.0	21.0	
104 Isopropylbenzene	105	8.108	8.108	0.000	97	287898	20.0	21.3	
$ 105 4-Bromofluorobenzene	174	8.291	8.291	0.000	79	149296	50.0	50.3	
106 Bromobenzene	156	8.455	8.455	0.000	91	66164	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	89	93671	20.0	21.2	
108 1,2,3-Trichloropropane	110	8.620	8.620	0.000	87	24746	20.0	21.2	
109 trans-1,4-Dichloro-2-butene	53	8.717	8.717	0.000	87	29679	20.0	21.8	
110 N-Propylbenzene	91	8.754	8.754	0.000	98	358871	20.0	20.7	
111 2-Chlorotoluene	91	8.809	8.809	0.000	95	213332	20.0	20.4	
112 4-Ethyltoluene	105	8.949	8.949	0.000	98	261358	20.0	20.6	
113 4-Chlorotoluene	91	8.992	8.992	0.000	99	254194	20.0	21.1	
114 1,3,5-Trimethylbenzene	105	9.071	9.071	0.000	91	219792	20.0	21.6	
115 Butyl Methacrylate	87	9.388	9.388	0.000	91	82760	20.0	21.4	
116 tert-Butylbenzene	119	9.565	9.565	0.000	90	171937	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	9.650	9.650	0.000	98	222484	20.0	21.4	
118 sec-Butylbenzene	105	9.931	9.931	0.000	98	255912	20.0	20.9	
119 1,3-Dichlorobenzene	146	10.004	10.004	0.000	91	110596	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.000	98	191463	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.162	10.162	0.000	86	115965	20.0	20.8	
122 4-Isopropyltoluene	119	10.211	10.211	0.000	90	204999	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	10.309	10.309	0.000	99	225166	20.0	21.4	
124 Benzyl chloride	91	10.431	10.430	0.001	97	162021	20.0	22.4	
125 2,3-Dihydroindene	117	10.583	10.583	0.000	90	210271	20.0	21.4	
126 1,2-Dichlorobenzene	146	10.742	10.747	-0.005	90	107842	20.0	20.8	
127 p-Diethylbenzene	119	10.863	10.863	0.000	88	118040	20.0	24.3	
128 n-Butylbenzene	92	10.894	10.894	0.000	97	112786	20.0	21.2	
129 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.000	88	14821	20.0	20.7	
130 1,2,4,5-Tetramethylbenzene	119	11.961	11.961	0.000	95	171119	20.0	21.4	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	93	60715	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.796	12.796	0.000	93	56762	20.0	22.3	
134 Naphthalene	128	12.997	13.003	-0.006	98	180294	20.0	22.5	
133 Hexachlorobutadiene	225	13.003	13.003	0.000	51	23130	20.0	21.6	

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	13.223	13.223	0.000	89	47626	20.0	22.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	42.8	
S 140 Total BTEX	1				0		100.0	105.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.9	

QC Flag Legend

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

Reagents:

8260 SP_00143	Amount Added:	20.00	Units: uL	
8FreonsSS_00035	Amount Added:	20.00	Units: uL	
GAS C SP_00421	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00127	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 11-Aug-2021 20:41:57 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54006.D

Injection Date: 11-Aug-2021 08:25:38 Instrument ID: CVOAMS15

Lims ID: ICV

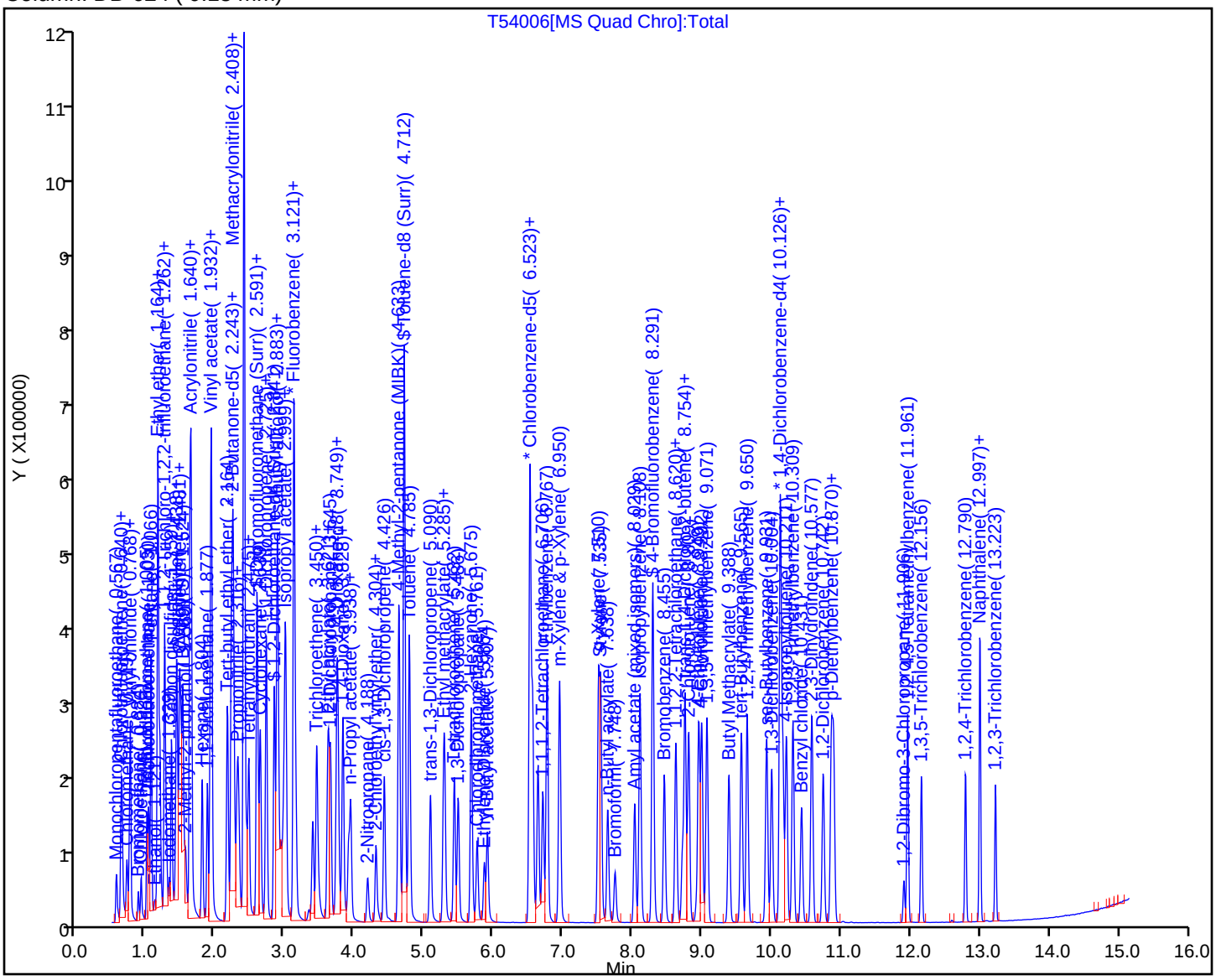
Client ID:

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 TestAmerica, Edison

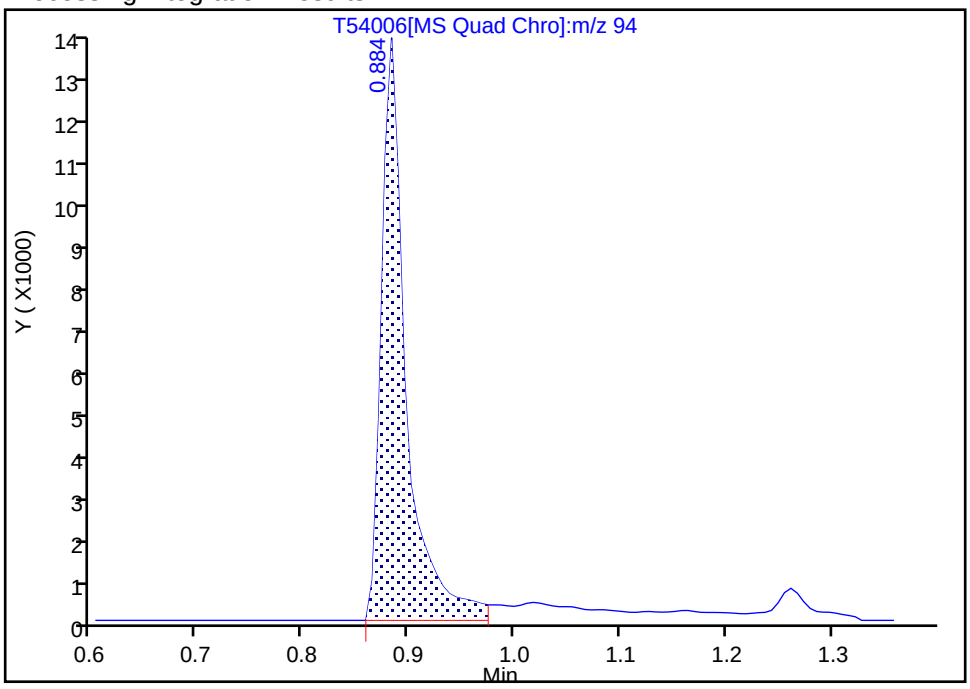
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54006.D
Injection Date: 11-Aug-2021 08:25:38 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

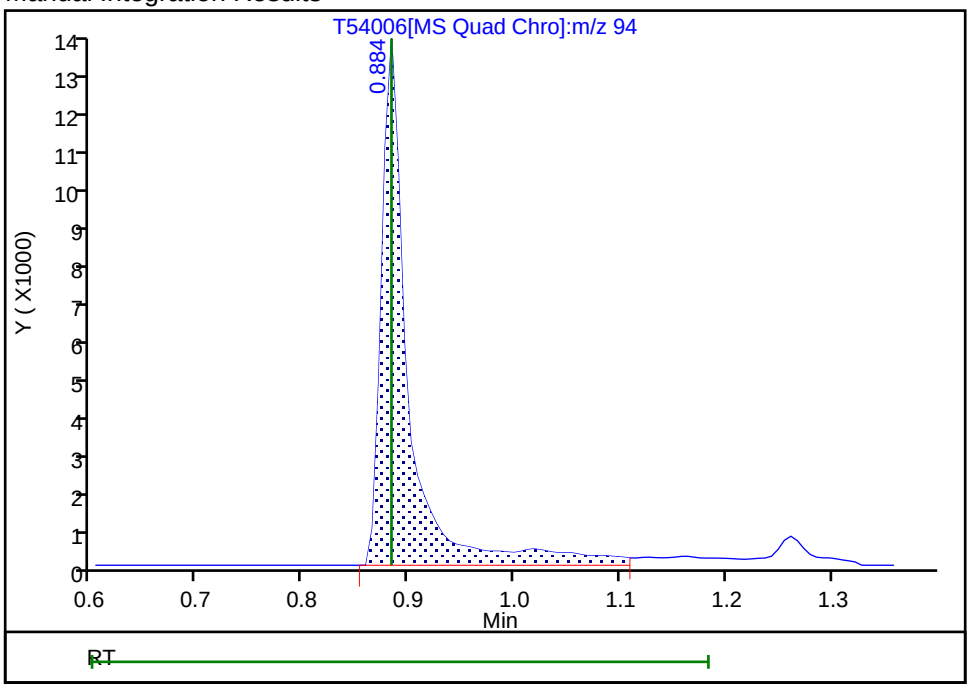
Processing Integration Results

RT: 0.88
Area: 21814
Amount: 13.380573
Amount Units: ug/l



Manual Integration Results

RT: 0.88
Area: 24261
Amount: 14.899427
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 20:30:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

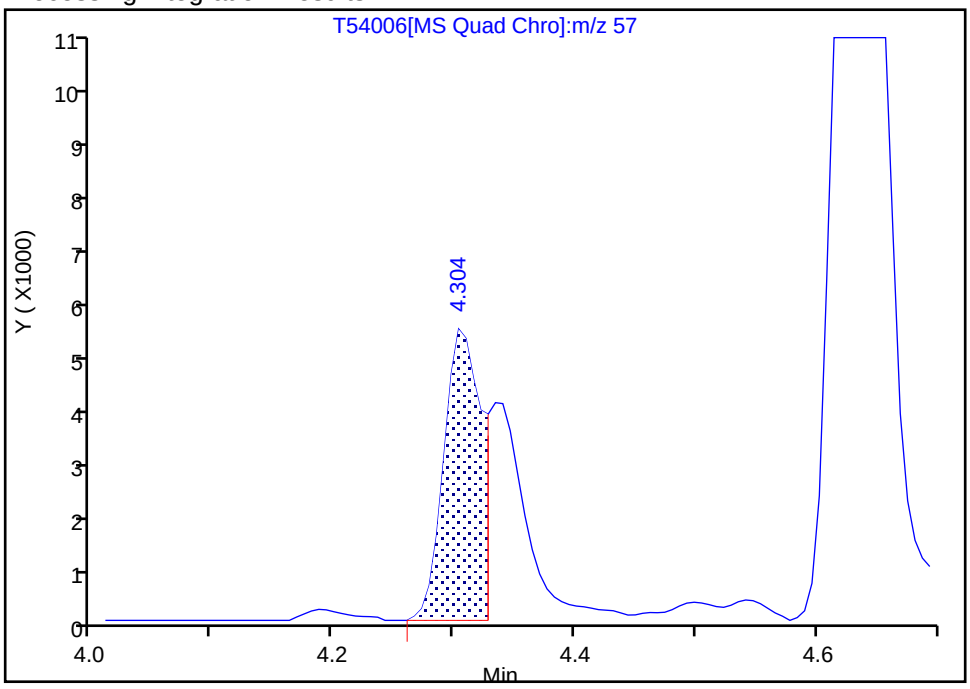
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54006.D
Injection Date: 11-Aug-2021 08:25:38 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

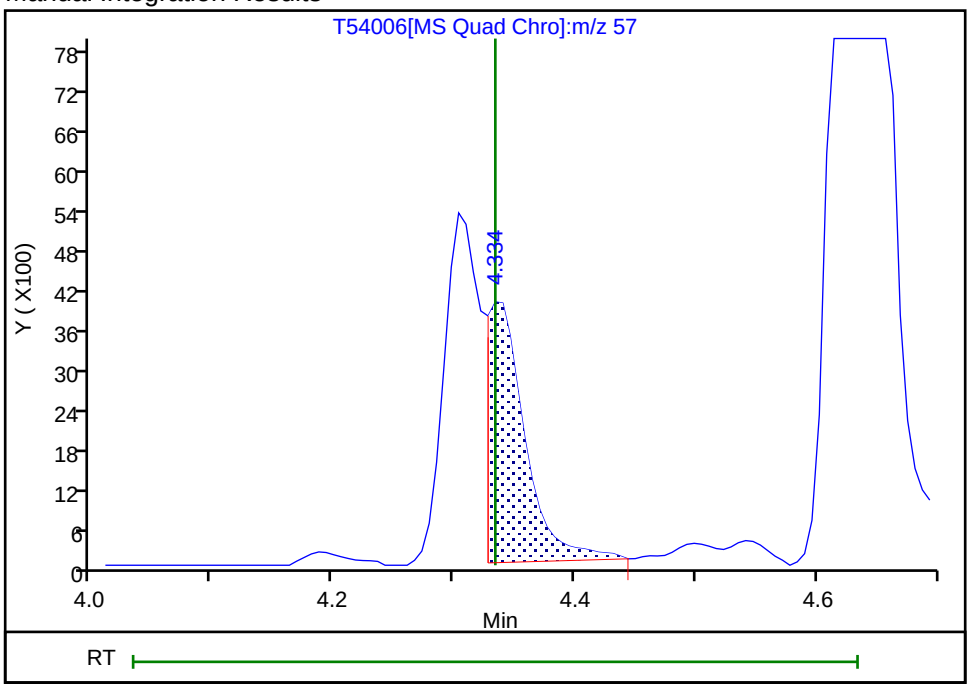
Processing Integration Results

RT: 4.30
Area: 11867
Amount: 27.154194
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 8678
Amount: 19.857091
Amount Units: ug/l



Reviewer: baronm, 11-Aug-2021 20:30:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: CCVIS 460-805281/3 Calibration Date: 10/06/2021 07:03

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T56439.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	0.0137	0.0160		23.3	20.0	16.4	20.0
Chlorotrifluoroethene	Ave	0.1071	0.0837		15.6	20.0	-21.9*	20.0
1,1-Difluoroethane	Ave	0.1690	0.1386		16.4	20.0	-18.0	20.0
Dichlorodifluoromethane	Ave	0.3843	0.2554	0.1000	13.3	20.0	-33.5*	20.0
Chlorodifluoromethane	Ave	0.0656	0.0505		15.4	20.0	-23.0*	20.0
Chloromethane	Ave	0.4045	0.2962	0.1000	14.6	20.0	-26.8*	20.0
Vinyl chloride	Ave	0.4042	0.3427	0.1000	17.0	20.0	-15.2	20.0
Butadiene	Ave	0.3387	0.3041		18.0	20.0	-10.2	20.0
Bromomethane	QuaF		1.366	0.1000	30.1	20.0	50.4*	50.0
Chloroethane	QuaF		1.529	0.1000	23.5	20.0	17.3	50.0
Dichlorofluoromethane	Ave	0.5307	0.5237		19.7	20.0	-1.3	20.0
Trichlorofluoromethane	Ave	0.3835	0.3954	0.1000	20.6	20.0	3.1	20.0
Pentane	Ave	0.0390	0.0378		38.8	40.0	-3.1	20.0
Ethanol	Ave	0.3968	0.3565		719	800	-10.2	50.0
Ethyl ether	Ave	0.2425	0.2209		18.2	20.0	-8.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2387	0.2429		20.4	20.0	1.8	20.0
2-Methyl-1,3-butadiene	Ave	0.2799	0.2458		17.6	20.0	-12.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4529	0.4218		18.6	20.0	-6.9	20.0
Acrolein	Ave	13.53	5.468		16.4	40.6	-59.6*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2572	0.2331	0.1000	18.1	20.0	-9.4	20.0
1,1-Dichloroethene	Ave	0.2734	0.2709	0.1000	19.8	20.0	-0.9	20.0
Acetone	Ave	0.7106	0.5795	0.0500	81.6	100	-18.4	50.0
Iodomethane	QuaF		0.2282		14.4	20.0	-27.8*	20.0
Carbon disulfide	Ave	0.9733	0.9203	0.1000	18.9	20.0	-5.4	50.0
Isopropyl alcohol	Ave	4.786	3.971		166	200	-17.0	50.0
Acetonitrile	Ave	0.1795	0.1614		180	200	-10.1	20.0
3-Chloro-1-propene	Ave	0.2018	0.2065		20.5	20.0	2.3	20.0
Methyl acetate	Ave	0.2307	0.1998	0.1000	34.6	40.0	-13.4	20.0
Cyclopentene	Ave	0.7750	0.7084		18.3	20.0	-8.6	20.0
Methylene Chloride	Ave	0.3354	0.3013	0.1000	18.0	20.0	-10.1	20.0
2-Methyl-2-propanol	Ave	7.402	6.609		179	200	-10.7	50.0
Acrylonitrile	Ave	0.1196	0.1172		196	200	-2.0	20.0
trans-1,2-Dichloroethene	Ave	0.3036	0.3040	0.1000	20.0	20.0	0.1	20.0
Methyl tert-butyl ether	Ave	0.8252	0.7778	0.1000	18.9	20.0	-5.7	20.0
Hexane	Ave	0.3555	0.2755		15.5	20.0	-22.5*	20.0
1,1-Dichloroethane	Ave	0.6149	0.5316	0.2000	17.3	20.0	-13.6	20.0
Vinyl acetate	Ave	0.4567	0.4943		43.3	40.0	8.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2899	0.2841		19.6	20.0	-2.0	20.0
Isopropyl ether	Ave	0.9828	0.8350		17.0	20.0	-15.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: CCVIS 460-805281/3 Calibration Date: 10/06/2021 07:03

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T56439.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
Tert-butyl ethyl ether	Ave	0.9079	0.8027		17.7	20.0	-11.6	20.0
2,2-Dichloropropane	Ave	0.1062	0.1084		20.4	20.0	2.1	20.0
cis-1,2-Dichloroethene	Ave	0.3284	0.3320	0.1000	20.2	20.0	1.1	20.0
Methyl Ethyl Ketone	Ave	0.9767	0.9269	0.0500	94.9	100	-5.1	50.0
Propionitrile	Ave	11.12	9.95		179	200	-10.5	20.0
Ethyl acetate	Ave	0.2545	0.2496		39.2	40.0	-1.9	20.0
Methyl acrylate	Ave	0.3393	0.3124		18.4	20.0	-7.9	20.0
Chlorobromomethane	Ave	0.1317	0.1394		21.2	20.0	5.8	20.0
Methacrylonitrile	Ave	0.1262	0.1342		213	200	6.3	20.0
Tetrahydrofuran	Ave	0.3048	0.3312		43.5	40.0	8.7	20.0
Chloroform	Ave	0.5559	0.5159	0.2000	18.6	20.0	-7.2	20.0
1,1,1-Trichloroethane	Ave	0.4776	0.4365	0.1000	18.3	20.0	-8.6	20.0
Cyclohexane	Ave	0.4029	0.3696	0.1000	18.3	20.0	-8.3	50.0
Carbon tetrachloride	Ave	0.3830	0.3565	0.1000	18.6	20.0	-6.9	20.0
1,1-Dichloropropene	Ave	0.4655	0.4316		18.5	20.0	-7.3	20.0
Isobutyl alcohol	Ave	2.350	2.437		518	500	3.7	50.0
Benzene	Ave	1.849	1.690	0.5000	18.3	20.0	-8.6	20.0
1,2-Dichloroethane	Ave	0.4251	0.3561	0.1000	16.8	20.0	-16.2	20.0
Isopropyl acetate	Ave	0.1155	0.1157		20.0	20.0	0.2	20.0
Tert-amyl methyl ether	Ave	0.8392	0.7896		18.8	20.0	-5.9	20.0
n-Heptane	Ave	0.2980	0.2018		13.5	20.0	-32.3*	20.0
Trichloroethene	Ave	0.3376	0.3050	0.2000	18.1	20.0	-9.7	20.0
n-Butanol	QuaF		1.666		392	500	-21.5	50.0
Ethyl acrylate	Ave	0.7019	0.6195		17.7	20.0	-11.7	20.0
Methylcyclohexane	Ave	0.3897	0.3328	0.1000	17.1	20.0	-14.6	50.0
1,2-Dichloropropane	Ave	0.3430	0.3028	0.1000	17.7	20.0	-11.7	20.0
Dibromomethane	Ave	0.1875	0.1855		19.8	20.0	-1.0	20.0
1,4-Dioxane	Ave	1.197	1.179		394	400	-1.5	50.0
Methyl methacrylate	Ave	0.0722	0.0798		44.2	40.0	10.5	20.0
n-Propyl acetate	Ave	0.4021	0.3834		19.1	20.0	-4.6	20.0
Bromodichloromethane	Ave	0.4088	0.3801	0.2000	18.6	20.0	-7.0	20.0
2-Nitropropane	Ave	0.0751	0.0679		36.1	40.0	-9.6	20.0
2-Chloroethyl vinyl ether	Ave	0.0458	0.0514		22.5	20.0	12.2	20.0
Epichlorohydrin	Ave	0.2467	0.2537		411	400	2.8	20.0
cis-1,3-Dichloropropene	Ave	0.7503	0.6760	0.2000	18.0	20.0	-9.9	50.0
methyl isobutyl ketone	Ave	1.997	1.901	0.0500	95.2	100	-4.8	50.0
Toluene	Ave	1.879	1.706	0.4000	18.2	20.0	-9.2	20.0
trans-1,3-Dichloropropene	Ave	0.6576	0.6110	0.1000	18.6	20.0	-7.1	50.0
Ethyl methacrylate	Ave	0.5231	0.5042		19.3	20.0	-3.6	20.0
1,1,2-Trichloroethane	Ave	0.3276	0.3133	0.1000	19.1	20.0	-4.4	20.0
Tetrachloroethene	Ave	0.3703	0.3759	0.2000	20.3	20.0	1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: CCVIS 460-805281/3 Calibration Date: 10/06/2021 07:03

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T56439.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	0.6823	0.6185		18.1	20.0	-9.4	20.0
2-Hexanone	Ave	1.389	1.347	0.0500	97.0	100	-3.0	50.0
Dibromochloromethane	Ave	0.3719	0.3764	0.1000	20.2	20.0	1.2	50.0
Ethylene Dibromide	Ave	0.3813	0.3763	0.1000	19.7	20.0	-1.3	20.0
n-Butyl acetate	Ave	0.6313	0.5654		17.9	20.0	-10.4	20.0
Chlorobenzene	Ave	1.071	1.013	0.5000	18.9	20.0	-5.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3557	0.3477		19.5	20.0	-2.3	20.0
Ethylbenzene	Ave	0.5680	0.5294	0.1000	18.6	20.0	-6.8	20.0
m-Xylene & p-Xylene	Ave	0.6846	0.6525	0.1000	19.1	20.0	-4.7	20.0
o-Xylene	Ave	0.6354	0.6015	0.3000	18.9	20.0	-5.3	20.0
Styrene	Ave	1.084	1.041	0.3000	19.2	20.0	-3.9	20.0
n-Butyl acrylate	Ave	0.2876	0.2939		20.4	20.0	2.2	20.0
Bromoform	Ave	0.2277	0.2492	0.1000	21.9	20.0	9.4	20.0
Amyl acetate (mixed isomers)	Ave	1.574	1.302		16.5	20.0	-17.3	20.0
Isopropylbenzene	Ave	1.608	1.517	0.1000	18.9	20.0	-5.6	20.0
Bromobenzene	Ave	0.8330	0.7956		19.1	20.0	-4.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.153	1.059	0.3000	18.4	20.0	-8.1	20.0
1,2,3-Trichloropropane	Ave	0.3045	0.2780		18.3	20.0	-8.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3562	0.2884		16.2	20.0	-19.1	20.0
N-Propylbenzene	Ave	4.532	3.896		17.2	20.0	-14.0	20.0
2-Chlorotoluene	Ave	2.729	2.221		16.3	20.0	-18.6	20.0
4-Ethyltoluene	Ave	3.316	2.878		17.4	20.0	-13.2	20.0
4-Chlorotoluene	Ave	3.144	2.557		16.3	20.0	-18.7	20.0
1,3,5-Trimethylbenzene	Ave	2.662	2.328		17.5	20.0	-12.6	20.0
Butyl Methacrylate	Ave	1.011	0.9631		19.0	20.0	-4.8	20.0
tert-Butylbenzene	Ave	2.136	1.932		18.1	20.0	-9.5	20.0
1,2,4-Trimethylbenzene	Ave	2.721	2.319		17.0	20.0	-14.8	20.0
sec-Butylbenzene	Ave	3.192	2.867		18.0	20.0	-10.2	20.0
1,3-Dichlorobenzene	Ave	1.407	1.301	0.6000	18.5	20.0	-7.6	20.0
1,4-Dichlorobenzene	Ave	1.454	1.344	0.5000	18.5	20.0	-7.6	20.0
4-Isopropyltoluene	Ave	2.516	2.305		18.3	20.0	-8.4	20.0
1,2,3-Trimethylbenzene	Ave	2.753	2.386		17.3	20.0	-13.3	20.0
Benzyl chloride	Ave	1.892	1.975		20.9	20.0	4.4	50.0
2,3-Dihydroindene	Ave	2.568	2.365		18.4	20.0	-7.9	20.0
1,2-Dichlorobenzene	Ave	1.353	1.275	0.4000	18.8	20.0	-5.8	20.0
p-Diethylbenzene	Ave	1.266	1.143		18.0	20.0	-9.8	20.0
n-Butylbenzene	Ave	1.390	1.244		17.9	20.0	-10.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1867	0.2032	0.0500	21.8	20.0	8.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.092	1.866		17.8	20.0	-10.8	20.0
1,3,5-Trichlorobenzene	Ave	0.7409	0.7359		19.9	20.0	-0.7	20.0
1,2,4-Trichlorobenzene	Ave	0.6637	0.6715	0.2000	20.2	20.0	1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Lab Sample ID: CCVIS 460-805281/3 Calibration Date: 10/06/2021 07:03

Instrument ID: CVOAMS15 Calib Start Date: 08/11/2021 04:12

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/11/2021 06:40

Lab File ID: T56439.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	0.2800	0.2560		18.3	20.0	-8.6	20.0
Naphthalene	Ave	2.089	2.153		20.6	20.0	3.1	50.0
1,2,3-Trichlorobenzene	Ave	0.5511	0.5629		20.4	20.0	2.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2577		49.6	50.0	-0.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3320	0.3032		45.7	50.0	-8.7	20.0
Toluene-d8 (Surr)	Ave	1.417	1.336		47.1	50.0	-5.7	20.0
4-Bromofluorobenzene	Ave	0.3530	0.3714		52.6	50.0	5.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56439.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-Oct-2021 07:03:45 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0135560-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub18

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 09:13:43 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 07:30:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.585	0.000	32	3247	20.0	23.3	
3 Chlorotrifluoroethene	116	0.627	0.627	0.000	71	17026	20.0	15.6	
2 1,1-Difluoroethane	65	0.633	0.633	0.000	96	28193	20.0	16.4	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	75	51948	20.0	13.3	
5 Chlorodifluoromethane	67	0.652	0.652	0.000	78	10278	20.0	15.4	
6 Chloromethane	50	0.719	0.719	0.000	88	60241	20.0	14.6	
7 Vinyl chloride	62	0.755	0.755	0.000	83	69695	20.0	17.0	
8 Butadiene	54	0.768	0.768	0.000	93	61853	20.0	18.0	
9 Bromomethane	94	0.883	0.883	0.000	99	37211	20.0	30.1	
10 Chloroethane	64	0.920	0.920	0.000	96	41663	20.0	23.5	
11 Dichlorofluoromethane	67	1.005	1.005	0.000	91	106523	20.0	19.7	
12 Trichlorofluoromethane	101	1.030	1.030	0.000	99	80419	20.0	20.6	
13 Pentane	72	1.066	1.066	0.000	96	15359	40.0	38.8	
14 Ethanol	46	1.121	1.121	0.000	97	13540	800.0	718.6	
15 Ethyl ether	59	1.158	1.158	0.000	58	44918	20.0	18.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	49407	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	1.164	1.164	0.000	80	50002	20.0	17.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	89	85785	20.0	18.6	
19 Acrolein	56	1.213	1.213	0.000	94	10530	40.6	16.4	
20 1,1-Dichloroethene	96	1.261	1.261	0.000	89	55097	20.0	19.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	64	47401	20.0	18.1	
22 Acetone	43	1.286	1.286	0.000	89	78946	100.0	81.6	
23 Iodomethane	142	1.328	1.328	0.000	99	46418	20.0	14.4	
24 Carbon disulfide	76	1.359	1.359	0.000	99	187183	20.0	18.9	
25 Isopropyl alcohol	45	1.359	1.359	0.000	33	37711	200.0	166.0	
26 Acetonitrile	40	1.426	1.426	0.000	84	43981	200.0	179.9	
27 3-Chloro-1-propene	76	1.432	1.432	0.000	94	42002	20.0	20.5	
28 Methyl acetate	43	1.444	1.444	0.000	97	81269	40.0	34.6	
29 Cyclopentene	67	1.475	1.475	0.000	95	144069	20.0	18.3	
30 Methylene Chloride	84	1.493	1.493	0.000	86	61286	20.0	18.0	

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	1.517	1.517	0.000	98	47481	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	62765	200.0	178.6	
33 Acrylonitrile	53	1.621	1.621	0.000	95	238302	200.0	196.0	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	73	61820	20.0	20.0	
35 Methyl tert-butyl ether	73	1.645	1.645	0.000	97	158202	20.0	18.9	
36 Hexane	57	1.798	1.798	0.000	90	56031	20.0	15.5	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	94	108116	20.0	17.3	
38 Vinyl acetate	86	1.914	1.914	0.000	100	26931	40.0	43.3	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	71	57778	20.0	19.6	
40 Isopropyl ether	45	1.932	1.932	0.000	79	169837	20.0	17.0	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	163259	20.0	17.7	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	81	340551	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	79	22039	20.0	20.4	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	89	67518	20.0	20.2	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	99	126262	100.0	94.9	
46 Propionitrile	54	2.298	2.298	0.000	99	94521	200.0	179.0	
47 Ethyl acetate	70	2.316	2.316	0.000	99	13598	40.0	39.2	
48 Methyl acrylate	55	2.334	2.334	0.000	96	63540	20.0	18.4	
50 Methacrylonitrile	67	2.401	2.401	0.000	88	272928	200.0	212.7	
49 Chlorobromomethane	128	2.401	2.401	0.000	45	28342	20.0	21.2	
51 Tetrahydrofuran	72	2.444	2.444	0.000	78	18044	40.0	43.5	
52 Chloroform	83	2.468	2.468	0.000	94	104921	20.0	18.6	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	131024	50.0	49.6	
54 1,1,1-Trichloroethane	97	2.596	2.596	0.000	89	88778	20.0	18.3	
55 Cyclohexane	84	2.633	2.633	0.000	89	75181	20.0	18.3	
56 Carbon tetrachloride	117	2.718	2.718	0.000	78	72510	20.0	18.6	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	97	87772	20.0	18.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	154154	50.0	45.7	
59 Isobutyl alcohol	43	2.871	2.871	0.000	48	57848	500.0	518.5	
60 Benzene	78	2.877	2.877	0.000	96	245357	20.0	18.3	
61 1,2-Dichloroethane	62	2.895	2.895	0.000	73	72428	20.0	16.8	
62 Isooctane	57	2.974	2.974	0.000	87	99520	20.0	15.9	a
63 Isopropyl acetate	61	2.993	2.993	0.000	93	23527	20.0	20.0	
64 Tert-amyl methyl ether	73	2.999	2.999	0.000	73	160601	20.0	18.8	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	508464	50.0	50.0	
66 n-Heptane	43	3.145	3.145	0.000	77	41053	20.0	13.5	
67 Trichloroethene	95	3.444	3.444	0.000	94	62023	20.0	18.1	
68 n-Butanol	56	3.468	3.468	0.000	72	39557	500.0	392.3	
69 Ethyl acrylate	55	3.602	3.602	0.000	98	125997	20.0	17.7	
70 Methylcyclohexane	83	3.615	3.615	0.000	73	67684	20.0	17.1	
71 1,2-Dichloropropane	63	3.645	3.645	0.000	89	61576	20.0	17.7	
72 Dibromomethane	93	3.755	3.755	0.000	50	37735	20.0	19.8	
* 73 1,4-Dioxane-d8	96	3.761	3.761	0.000	85	36174	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	39	17062	400.0	394.2	
75 Methyl methacrylate	100	3.822	3.822	0.000	87	32462	40.0	44.2	
76 n-Propyl acetate	43	3.907	3.907	0.000	97	77981	20.0	19.1	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	77300	20.0	18.6	
78 2-Nitropropane	41	4.182	4.182	0.000	96	27603	40.0	36.1	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	96	10485	20.0	22.5	
80 Epichlorohydrin	57	4.334	4.334	0.000	98	138257	400.0	411.4	
81 cis-1,3-Dichloropropene	75	4.419	4.419	0.000	86	98164	20.0	18.0	
82 4-Methyl-2-pentanone (MIBK)	43	4.627	4.627	0.000	95	258984	100.0	95.2	

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	4.706	4.706	0.000	99	485069	50.0	47.1	
84 Toluene	91	4.779	4.779	0.000	93	247672	20.0	18.2	
85 trans-1,3-Dichloropropene	75	5.084	5.084	0.000	93	88728	20.0	18.6	
86 Ethyl methacrylate	69	5.273	5.273	0.000	86	73210	20.0	19.3	
87 1,1,2-Trichloroethane	83	5.285	5.285	0.000	79	45493	20.0	19.1	
88 Tetrachloroethene	166	5.425	5.425	0.000	89	54592	20.0	20.3	
89 1,3-Dichloropropane	76	5.480	5.480	0.000	91	89817	20.0	18.1	
90 2-Hexanone	43	5.669	5.669	0.000	94	183529	100.0	97.0	
91 Chlorodibromomethane	129	5.754	5.754	0.000	96	54665	20.0	20.2	
92 Ethylene Dibromide	107	5.858	5.858	0.000	98	54646	20.0	19.7	
93 n-Butyl acetate	43	5.901	5.901	0.000	98	82102	20.0	17.9	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.000	85	363030	50.0	50.0	
95 Chlorobenzene	112	6.553	6.553	0.000	94	147138	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	6.699	6.699	0.000	94	50489	20.0	19.5	
97 Ethylbenzene	106	6.760	6.760	0.000	99	76876	20.0	18.6	
98 m-Xylene & p-Xylene	106	6.943	6.943	0.000	97	94753	20.0	19.1	
99 o-Xylene	106	7.504	7.504	0.000	93	87345	20.0	18.9	
100 Styrene	104	7.535	7.535	0.000	92	151235	20.0	19.2	
101 n-Butyl acrylate	73	7.632	7.632	0.000	98	42676	20.0	20.4	
102 Bromoform	173	7.742	7.742	0.000	94	36180	20.0	21.9	
103 Amyl acetate (mixed isomers)	43	8.022	8.022	0.000	91	90205	20.0	16.5	
104 Isopropylbenzene	105	8.102	8.102	0.000	96	220348	20.0	18.9	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	134842	50.0	52.6	
106 Bromobenzene	156	8.449	8.449	0.000	97	55111	20.0	19.1	
107 1,1,2,2-Tetrachloroethane	83	8.614	8.614	0.000	88	73363	20.0	18.4	
108 1,2,3-Trichloropropane	110	8.614	8.614	0.000	84	19253	20.0	18.3	
109 trans-1,4-Dichloro-2-butene	53	8.711	8.711	0.000	91	19975	20.0	16.2	
110 N-Propylbenzene	91	8.748	8.748	0.000	98	269855	20.0	17.2	
111 2-Chlorotoluene	91	8.797	8.797	0.000	95	153824	20.0	16.3	
112 4-Ethyltoluene	105	8.943	8.943	0.000	98	199383	20.0	17.4	
113 4-Chlorotoluene	91	8.986	8.986	0.000	98	177122	20.0	16.3	
114 1,3,5-Trimethylbenzene	105	9.065	9.065	0.000	92	161253	20.0	17.5	
115 Butyl Methacrylate	87	9.382	9.382	0.000	87	66709	20.0	19.0	
116 tert-Butylbenzene	119	9.559	9.559	0.000	93	133822	20.0	18.1	
117 1,2,4-Trimethylbenzene	105	9.644	9.644	0.000	98	160601	20.0	17.0	
118 sec-Butylbenzene	105	9.924	9.924	0.000	98	198598	20.0	18.0	
119 1,3-Dichlorobenzene	146	9.998	9.998	0.000	94	90088	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	173169	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.156	10.156	0.000	89	93101	20.0	18.5	
122 4-Isopropyltoluene	119	10.205	10.205	0.000	90	159673	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	10.302	10.302	0.000	99	165249	20.0	17.3	
124 Benzyl chloride	91	10.424	10.424	0.000	98	136821	20.0	20.9	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	90	163805	20.0	18.4	
126 1,2-Dichlorobenzene	146	10.735	10.735	0.000	94	88287	20.0	18.8	
127 p-Diethylbenzene	119	10.857	10.857	0.000	89	79147	20.0	18.0	
128 n-Butylbenzene	92	10.888	10.888	0.000	98	86169	20.0	17.9	
129 1,2-Dibromo-3-Chloropropane	157	11.900	11.900	0.000	95	14074	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	11.955	11.955	0.000	97	129266	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	96	50973	20.0	19.9	
132 1,2,4-Trichlorobenzene	180	12.790	12.790	0.000	93	46510	20.0	20.2	
133 Hexachlorobutadiene	225	12.997	12.997	0.000	50	17731	20.0	18.3	
134 Naphthalene	128	12.997	12.997	0.000	99	149106	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	93	38993	20.0	20.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 137 Xylenes, Total	100				0		40.0	38.0	
S 140 Total BTEX	1				0		100.0	93.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00144	Amount Added:	20.00	Units: uL	
ACROLEIN W_00131	Amount Added:	4.00	Units: uL	
GASES Li_00442	Amount Added:	20.00	Units: uL	
524freon_00043	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 06-Oct-2021 09:13:44 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56439.D

Injection Date: 06-Oct-2021 07:03:45 Instrument ID: CVOAMS15

Lims ID: CCVIS

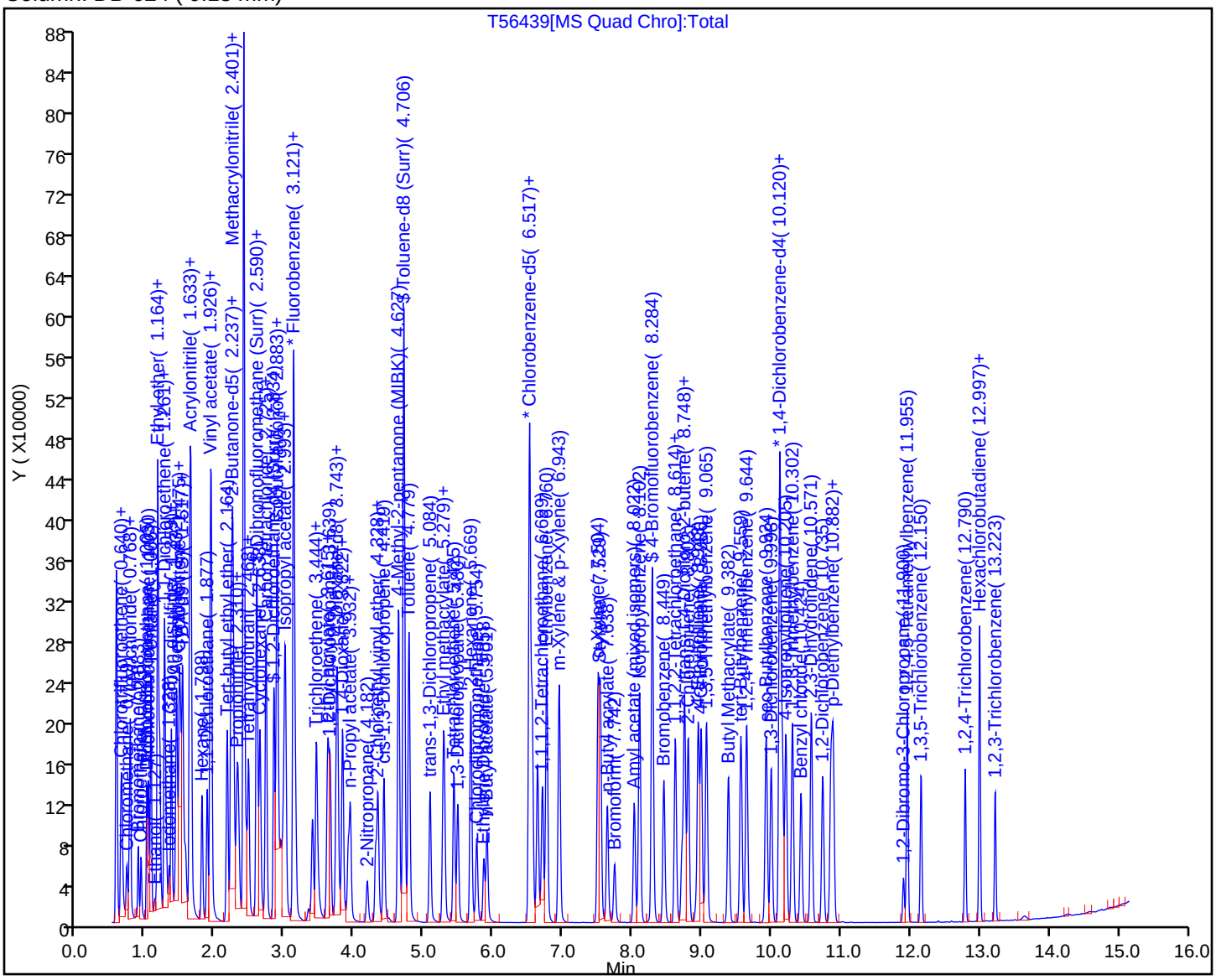
Client ID:

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)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53992.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	11-Aug-2021 03:16:50	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0133123-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	11-Aug-2021 20:41:55	Calib Date:	11-Aug-2021 06:40:02		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1630				
First Level Reviewer: desais		Date:	11-Aug-2021 07:37:53		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

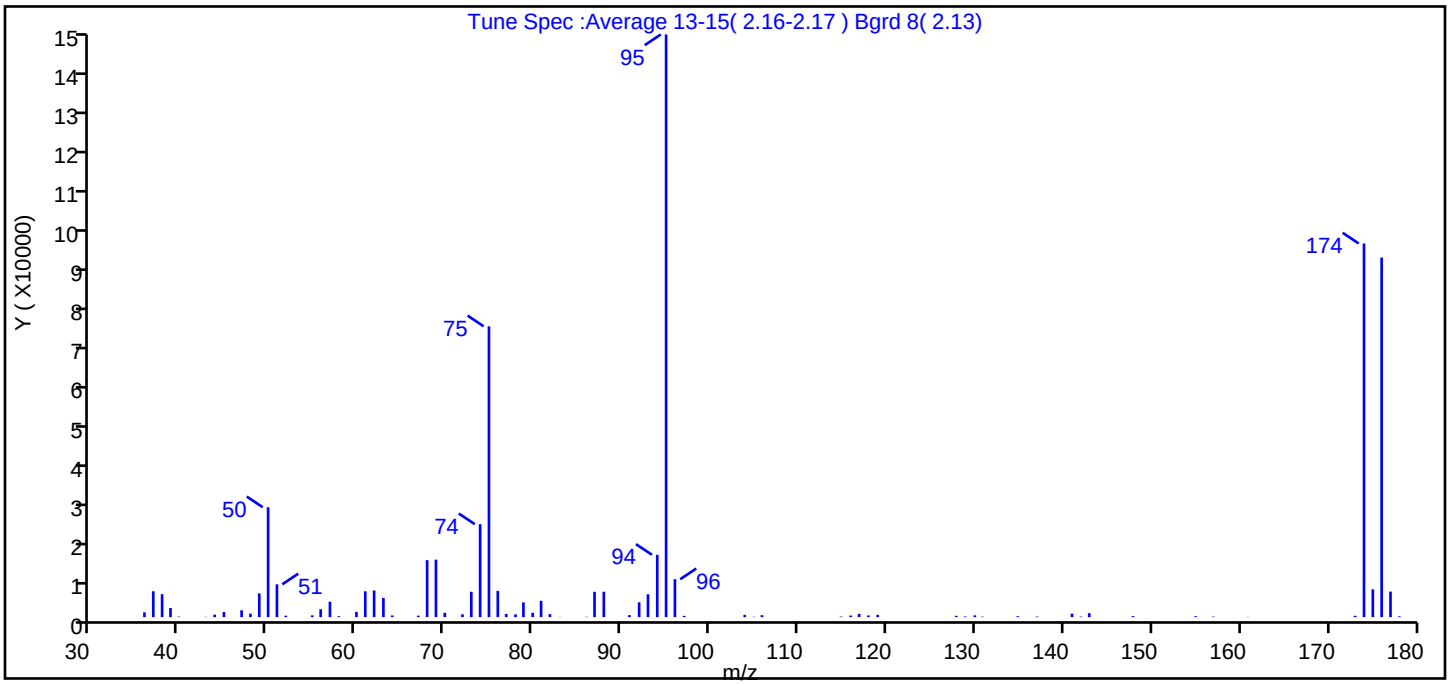
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53992.D				
Injection Date:	11-Aug-2021 03:16:50	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 (155.9)
96	5 to 9% of m/z 95	6.5
173	<2% of m/z 174	0.2 (0.4)
174	50 to 200% of m/z 95	64.1
175	5 to 9% of m/z 174	4.8 (7.4)
176	95 to 105% of m/z 174	61.7 (96.2)
177	5 to 10% of m/z 176	4.4 (7.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53992.D\8260W_15.rslt\spectra.d
Injection Date: 11-Aug-2021 03:16:50
Spectrum: Tune Spec :Average 13-15(2.16-2.17) Bgrd 8(2.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1169	61.00	6319	83.00	54	128.00	325
37.00	6333	62.00	6517	86.00	93	129.00	166
38.00	5614	63.00	4708	87.00	6191	130.00	437
39.00	2243	64.00	408	88.00	6214	131.00	122
40.00	128	67.00	366	91.00	501	135.00	230
43.00	76	68.00	13940	92.00	3639	137.00	151
44.00	613	69.00	14057	93.00	5592	141.00	869
45.00	1255	70.00	1065	94.00	15249	142.00	130
47.00	1676	72.00	696	95.00	142464	143.00	972
48.00	849	73.00	6203	96.00	9276	148.00	256
49.00	5803	74.00	22728	97.00	306	155.00	231
50.00	26872	75.00	71112	104.00	552	157.00	135
51.00	8026	76.00	6432	105.00	85	161.00	55
52.00	357	77.00	795	106.00	484	173.00	338
55.00	446	78.00	680	115.00	142	174.00	91368
56.00	1926	79.00	3612	116.00	397	175.00	6803
57.00	3766	80.00	1059	117.00	808	176.00	87928
58.00	228	81.00	4005	118.00	412	177.00	6250
60.00	1288	82.00	729	119.00	552	178.00	197

Report Date: 11-Aug-2021 20:41:55 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T53992.D

Injection Date: 11-Aug-2021 03:16:50 Instrument ID: CVOAMS15

Lims ID: BFB

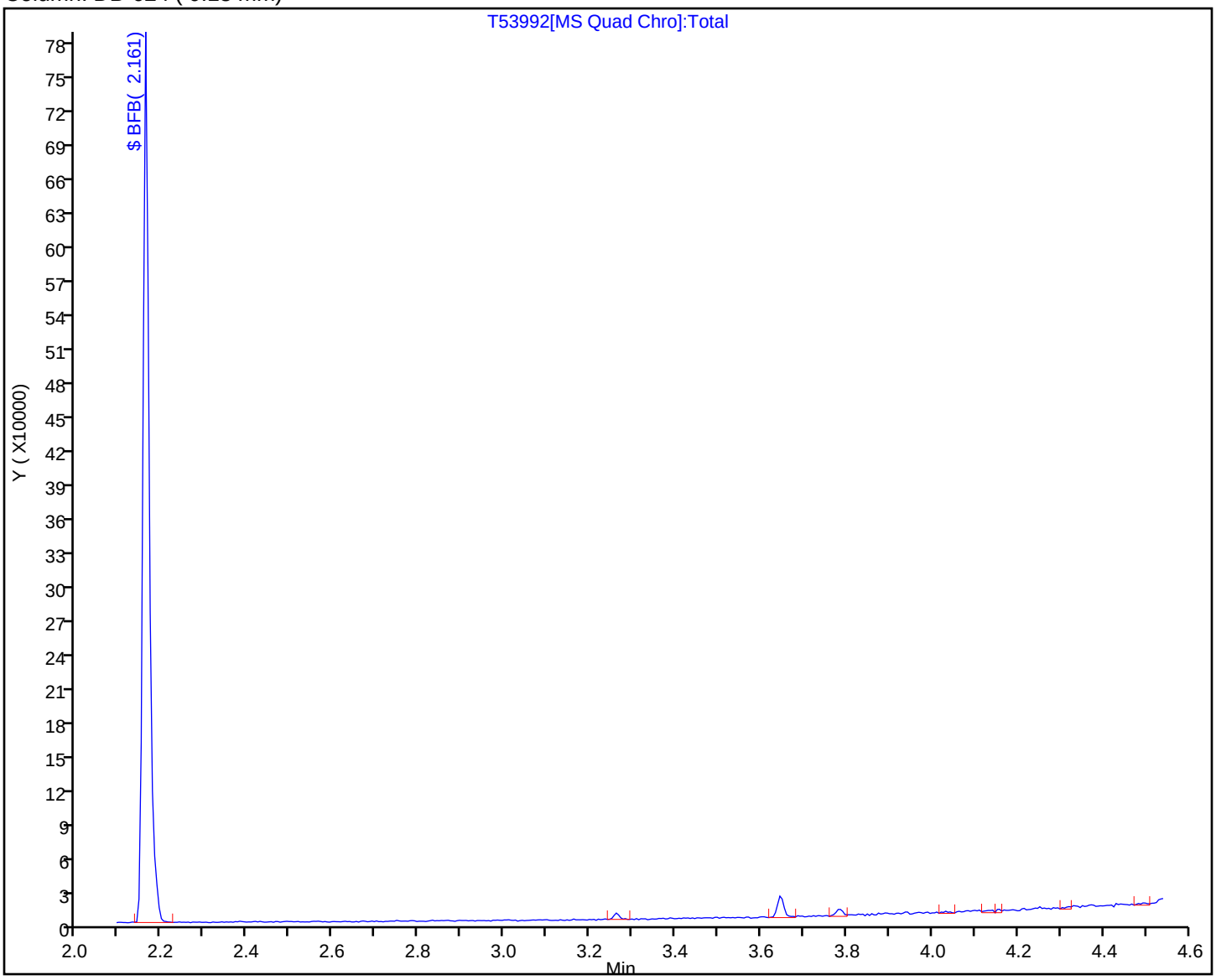
Client ID:

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)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-805281/8

Matrix: Water Lab File ID: T56444.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 08:49

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-805281/8

Matrix: Water Lab File ID: T56444.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 08:49

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56444.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-Oct-2021 08:49:16 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0135560-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 15:57:13 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1617

First Level Reviewer: desais Date: 06-Oct-2021 09:12:28

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	1.517	1.517	0.000	95	45681	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	46	322969	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	96	126048	50.0	49.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	143836	50.0	44.1	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	491166	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.755	3.761	-0.006	1	31858	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	98	472832	50.0	46.8	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.000	85	356417	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.284	8.284	0.000	86	132009	50.0	52.5	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	169503	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00050 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Oct-2021 15:57:15 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56444.D

Injection Date: 06-Oct-2021 08:49:16 Instrument ID: CVOAMS15

Lims ID: MB

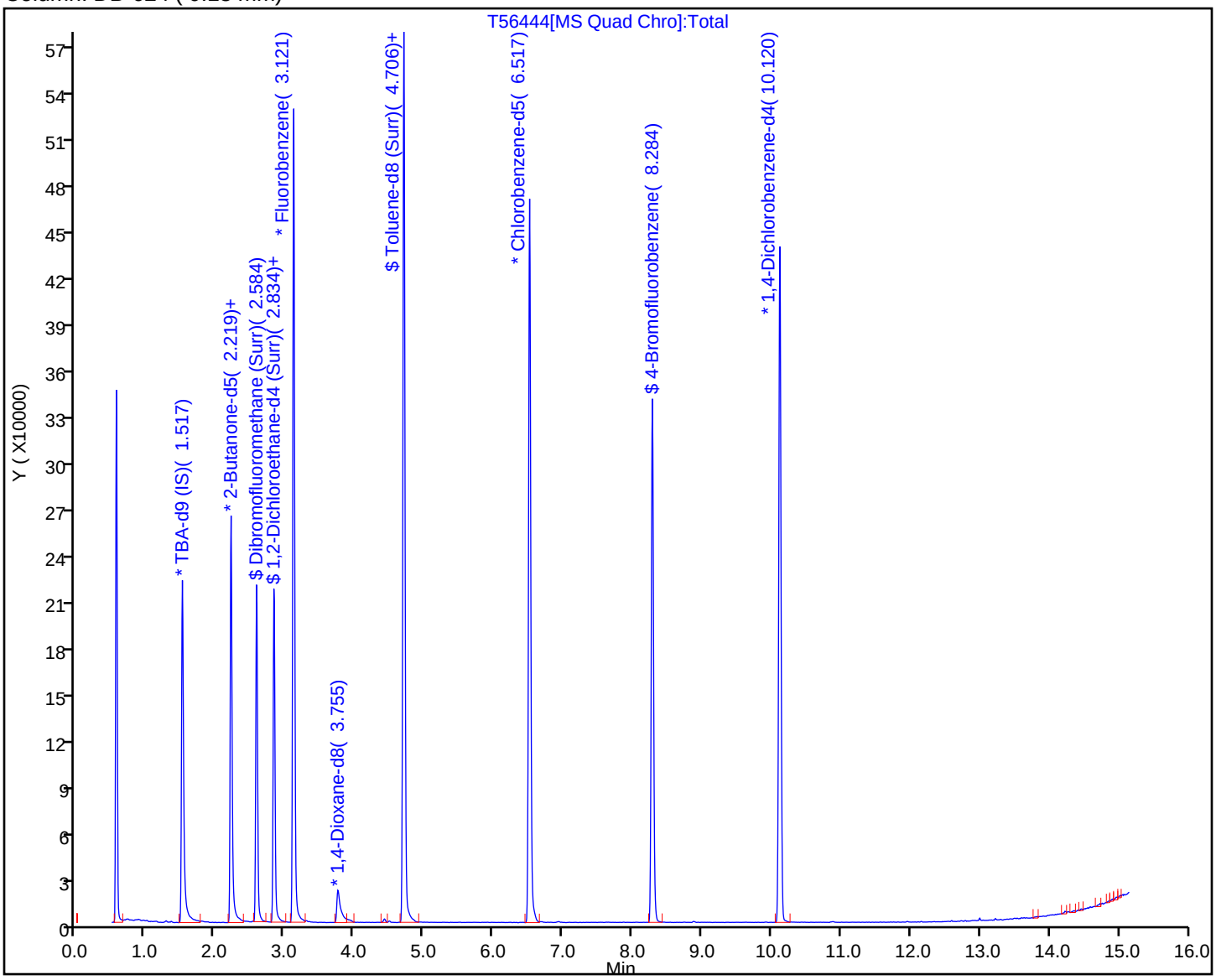
Client ID:

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)



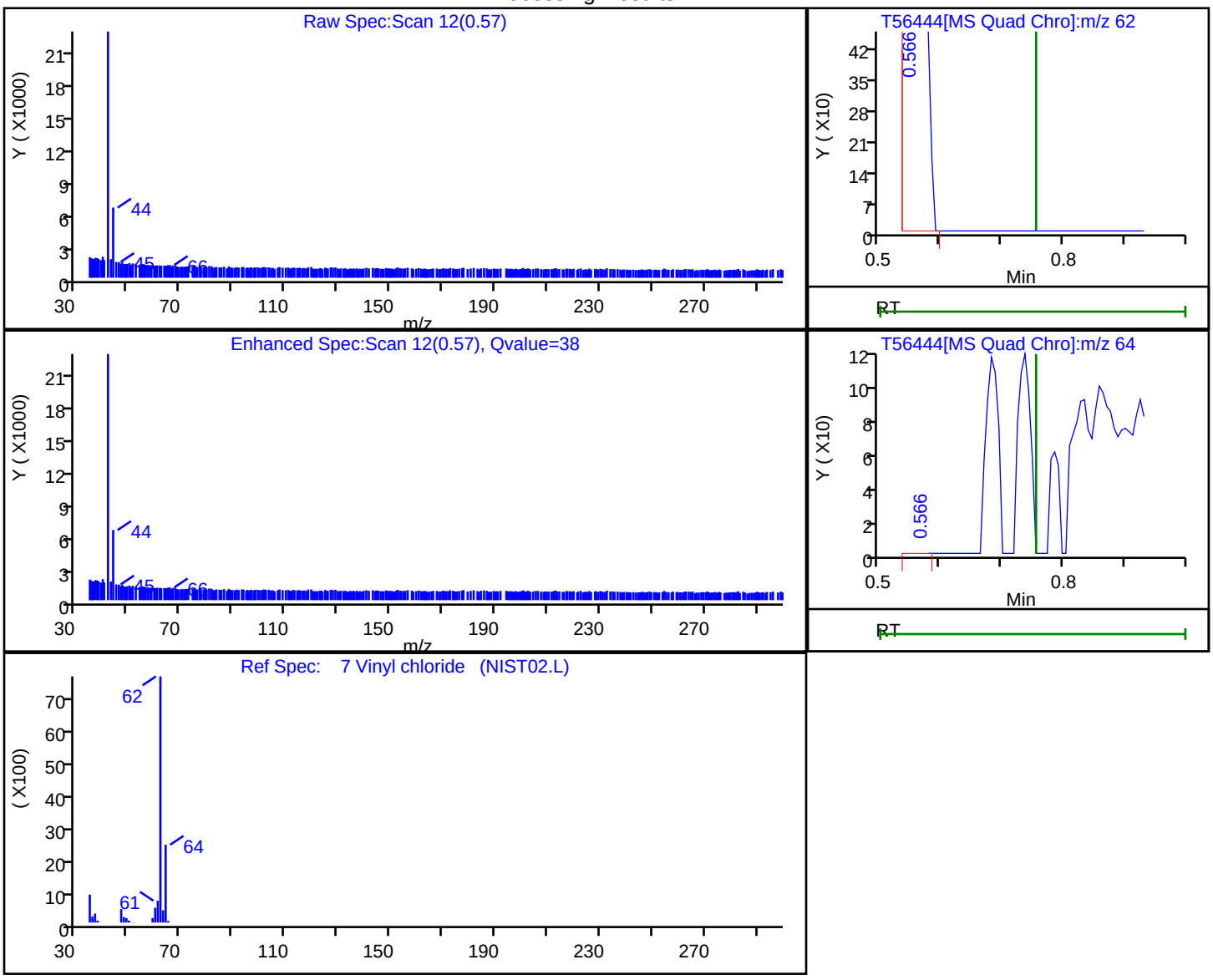
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56444.D				
Injection Date:	06-Oct-2021 08:49:16	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)	Detector	MS Quad		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.57	62.00	1597	0.402166
0.57	64.00	1359	

Reviewer: desais, 06-Oct-2021 09:12:09

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-805281/4

Matrix: Water Lab File ID: T56440.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 07:24

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.2		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.50	0.37
79-00-5	1,1,2-Trichloroethane	18.8		0.50	0.20
75-34-3	1,1-Dichloroethane	17.6		0.50	0.26
75-35-4	1,1-Dichloroethene	19.3		0.50	0.26
107-06-2	1,2-Dichloroethane	16.6		0.50	0.43
78-87-5	1,2-Dichloropropane	17.6		0.50	0.35
591-78-6	2-Hexanone	97.9		2.5	1.1
67-64-1	Acetone	81.8		5.0	4.4
71-43-2	Benzene	18.0		0.50	0.20
75-27-4	Bromodichloromethane	18.6		0.50	0.34
75-25-2	Bromoform	21.5		0.50	0.54
74-83-9	Bromomethane	32.0		0.50	0.55
75-15-0	Carbon disulfide	19.0		0.50	0.82
56-23-5	Carbon tetrachloride	18.6		0.50	0.21
108-90-7	Chlorobenzene	18.8		0.50	0.38
75-00-3	Chloroethane	24.2		0.50	0.32
67-66-3	Chloroform	18.3		0.50	0.33
74-87-3	Chloromethane	14.8		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.9		0.50	0.22
124-48-1	Dibromochloromethane	20.1		0.50	0.28
100-41-4	Ethylbenzene	19.1		0.50	0.30
78-93-3	Methyl Ethyl Ketone	98.6		2.5	1.9
108-10-1	methyl isobutyl ketone	97.6		2.5	1.3
1634-04-4	Methyl tert-butyl ether	19.0		0.50	0.22
75-09-2	Methylene Chloride	17.8		0.50	0.32
100-42-5	Styrene	19.2		0.50	0.42
127-18-4	Tetrachloroethene	21.0		0.50	0.25
108-88-3	Toluene	18.2		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		0.50	0.22
79-01-6	Trichloroethene	18.6		0.50	0.31
75-01-4	Vinyl chloride	17.1		0.50	0.17
1330-20-7	Xylenes, Total	38.2		1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-805281/4

Matrix: Water Lab File ID: T56440.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 07:24

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56440.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-Oct-2021 07:24:46 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0135560-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 09:13:43 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: desais Date: 06-Oct-2021 09:10:50

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.585	0.585	0.000	35	3210	20.0	23.7	
3	Chlorotrifluoroethene	116	0.627	0.627	0.000	71	16292	20.0	15.4	
2	1,1-Difluoroethane	65	0.634	0.633	0.001	96	27534	20.0	16.5	
4	Dichlorodifluoromethane	85	0.640	0.640	0.000	74	49156	20.0	12.9	
5	Chlorodifluoromethane	67	0.652	0.652	0.000	78	9906	20.0	15.3	
6	Chloromethane	50	0.719	0.719	0.000	89	59177	20.0	14.8	
7	Vinyl chloride	62	0.755	0.755	0.000	98	68293	20.0	17.1	
8	Butadiene	54	0.768	0.768	0.000	93	59809	20.0	17.9	
9	Bromomethane	94	0.884	0.883	0.001	98	38035	20.0	32.0	
10	Chloroethane	64	0.920	0.920	0.000	96	41199	20.0	24.2	
11	Dichlorofluoromethane	67	1.005	1.005	0.000	91	104184	20.0	19.9	
12	Trichlorofluoromethane	101	1.030	1.030	0.000	99	77029	20.0	20.3	
13	Pentane	72	1.066	1.066	0.000	96	15025	40.0	39.0	
14	Ethanol	46	1.121	1.121	0.000	98	13556	800.0	752.5	
15	Ethyl ether	59	1.158	1.158	0.000	60	44263	20.0	18.5	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	47729	20.0	20.2	
17	2-Methyl-1,3-butadiene	53	1.164	1.164	0.000	80	48739	20.0	17.6	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	88	82598	20.0	18.4	
19	Acrolein	56	1.213	1.213	0.000	96	11874	40.6	19.3	
20	1,1-Dichloroethene	96	1.261	1.261	0.000	98	52271	20.0	19.3	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	64	46456	20.0	18.3	
22	Acetone	43	1.286	1.286	0.000	88	76079	100.0	81.8	
23	Iodomethane	142	1.329	1.328	0.001	98	46799	20.0	15.0	
24	Carbon disulfide	76	1.359	1.359	0.000	98	182524	20.0	19.0	
25	Isopropyl alcohol	45	1.359	1.359	0.000	33	36814	200.0	169.5	
26	Acetonitrile	40	1.426	1.426	0.000	84	42232	200.0	179.7	
27	3-Chloro-1-propene	76	1.432	1.432	0.000	94	41624	20.0	20.9	
28	Methyl acetate	43	1.444	1.444	0.000	97	79760	40.0	35.0	
29	Cyclopentene	67	1.475	1.475	0.000	94	139648	20.0	18.2	
30	Methylene Chloride	84	1.493	1.493	0.000	87	59083	20.0	17.8	
* 31	TBA-d9 (IS)	66	1.524	1.517	0.007	98	45397	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
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	60246	200.0	179.3	
33 Acrylonitrile	53	1.621	1.621	0.000	94	227961	200.0	192.8	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	73	59614	20.0	19.9	
35 Methyl tert-butyl ether	73	1.646	1.645	0.001	97	155123	20.0	19.0	
36 Hexane	57	1.798	1.798	0.000	91	54352	20.0	15.5	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	100	106788	20.0	17.6	
38 Vinyl acetate	86	1.920	1.914	0.006	99	26619	40.0	44.5	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	71	57004	20.0	19.9	
40 Isopropyl ether	45	1.932	1.932	0.000	79	168155	20.0	17.3	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	158444	20.0	17.7	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	81	327360	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	79	21048	20.0	20.1	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	89	64192	20.0	19.8	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	99	126124	100.0	98.6	
46 Propionitrile	54	2.298	2.298	0.000	99	89597	200.0	177.5	
47 Ethyl acetate	70	2.316	2.316	0.000	100	13023	40.0	39.1	
48 Methyl acrylate	55	2.334	2.334	0.000	96	61664	20.0	18.4	
50 Methacrylonitrile	67	2.402	2.401	0.001	88	265922	200.0	213.1	
49 Chlorobromomethane	128	2.402	2.401	0.001	45	27802	20.0	21.3	
51 Tetrahydrofuran	72	2.444	2.444	0.000	78	17089	40.0	42.8	
52 Chloroform	83	2.469	2.468	0.001	93	100734	20.0	18.3	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	95	127663	50.0	49.7	
54 1,1,1-Trichloroethane	97	2.597	2.596	0.001	89	86053	20.0	18.2	
55 Cyclohexane	84	2.633	2.633	0.000	90	72522	20.0	18.2	
56 Carbon tetrachloride	117	2.719	2.718	0.001	78	70312	20.0	18.6	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	96	84277	20.0	18.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	149013	50.0	45.4	
59 Isobutyl alcohol	43	2.871	2.871	0.000	48	56338	500.0	528.1	
60 Benzene	78	2.883	2.877	0.006	96	239976	20.0	18.0	
61 1,2-Dichloroethane	62	2.895	2.895	0.000	72	69955	20.0	16.6	
62 Isooctane	57	2.975	2.974	0.001	87	97107	20.0	16.0	a
63 Isopropyl acetate	61	2.993	2.993	0.000	93	23365	20.0	20.5	
64 Tert-amyl methyl ether	73	2.999	2.999	0.000	72	156628	20.0	18.9	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	494315	50.0	50.0	
66 n-Heptane	43	3.145	3.145	0.000	74	39598	20.0	13.4	
67 Trichloroethene	95	3.444	3.444	0.000	94	62007	20.0	18.6	
68 n-Butanol	56	3.468	3.468	0.000	70	37485	500.0	388.8	
69 Ethyl acrylate	55	3.603	3.602	0.001	98	124078	20.0	17.9	
70 Methylcyclohexane	83	3.615	3.615	0.000	74	67425	20.0	17.5	
71 1,2-Dichloropropane	63	3.645	3.645	0.000	89	59735	20.0	17.6	
72 Dibromomethane	93	3.755	3.755	0.000	50	36648	20.0	19.8	
* 73 1,4-Dioxane-d8	96	3.761	3.761	0.000	85	38278	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	39	16563	400.0	361.6	
75 Methyl methacrylate	100	3.828	3.822	0.006	86	32143	40.0	45.0	
76 n-Propyl acetate	43	3.907	3.907	0.000	97	75102	20.0	18.9	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	75087	20.0	18.6	
78 2-Nitropropane	41	4.182	4.182	0.000	97	26590	40.0	35.8	
79 2-Chloroethyl vinyl ether	106	4.304	4.304	0.000	95	10404	20.0	23.0	
80 Epichlorohydrin	57	4.334	4.334	0.000	98	135867	400.0	420.6	
81 cis-1,3-Dichloropropene	75	4.419	4.419	0.000	85	96821	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	4.627	4.627	0.000	95	255180	100.0	97.6	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	98	481858	50.0	47.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.779	4.779	0.000	94	246344	20.0	18.2	
85 trans-1,3-Dichloropropene	75	5.084	5.084	0.000	92	86969	20.0	18.4	
86 Ethyl methacrylate	69	5.273	5.273	0.000	86	72542	20.0	19.3	
87 1,1,2-Trichloroethane	83	5.285	5.285	0.000	78	44331	20.0	18.8	
88 Tetrachloroethene	166	5.431	5.425	0.006	92	55938	20.0	21.0	
89 1,3-Dichloropropane	76	5.480	5.480	0.000	91	88569	20.0	18.0	
90 2-Hexanone	43	5.669	5.669	0.000	94	178128	100.0	97.9	
91 Chlorodibromomethane	129	5.755	5.754	0.001	96	53744	20.0	20.1	
92 Ethylene Dibromide	107	5.858	5.858	0.000	96	54110	20.0	19.7	
93 n-Butyl acetate	43	5.901	5.901	0.000	98	81393	20.0	17.9	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	359924	50.0	50.0	
95 Chlorobenzene	112	6.553	6.553	0.000	94	145342	20.0	18.8	
96 1,1,1,2-Tetrachloroethane	131	6.700	6.699	0.001	93	50177	20.0	19.6	
97 Ethylbenzene	106	6.760	6.760	0.000	98	78141	20.0	19.1	
98 m-Xylene & p-Xylene	106	6.943	6.943	0.000	97	92493	20.0	18.8	
99 o-Xylene	106	7.504	7.504	0.000	93	88779	20.0	19.4	
100 Styrene	104	7.535	7.535	0.000	92	150087	20.0	19.2	
101 n-Butyl acrylate	73	7.638	7.632	0.006	97	41031	20.0	19.8	
102 Bromoform	173	7.742	7.742	0.000	94	35309	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	8.022	8.022	0.000	91	88789	20.0	16.6	
104 Isopropylbenzene	105	8.102	8.102	0.000	96	218926	20.0	18.9	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	132760	50.0	52.3	
106 Bromobenzene	156	8.449	8.449	0.000	97	53667	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	8.614	8.614	0.000	90	73245	20.0	18.8	
108 1,2,3-Trichloropropane	110	8.614	8.614	0.000	84	19090	20.0	18.5	
109 trans-1,4-Dichloro-2-butene	53	8.711	8.711	0.000	91	19828	20.0	16.4	
110 N-Propylbenzene	91	8.748	8.748	0.000	98	268308	20.0	17.5	
111 2-Chlorotoluene	91	8.803	8.797	0.006	96	152876	20.0	16.5	
112 4-Ethyltoluene	105	8.943	8.943	0.000	99	198484	20.0	17.7	
113 4-Chlorotoluene	91	8.986	8.986	0.000	98	176140	20.0	16.5	
114 1,3,5-Trimethylbenzene	105	9.065	9.065	0.000	92	158623	20.0	17.6	
115 Butyl Methacrylate	87	9.382	9.382	0.000	88	64707	20.0	18.9	
116 tert-Butylbenzene	119	9.559	9.559	0.000	90	133144	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	9.644	9.644	0.000	98	162092	20.0	17.6	
118 sec-Butylbenzene	105	9.925	9.924	0.001	99	197777	20.0	18.3	
119 1,3-Dichlorobenzene	146	9.998	9.998	0.000	95	90776	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	169410	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.156	10.156	0.000	90	93639	20.0	19.0	
122 4-Isopropyltoluene	119	10.205	10.205	0.000	90	159658	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	10.303	10.302	0.001	98	162844	20.0	17.5	
124 Benzyl chloride	91	10.424	10.424	0.000	98	130519	20.0	20.4	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	90	163370	20.0	18.8	
126 1,2-Dichlorobenzene	146	10.735	10.735	0.000	94	86545	20.0	18.9	
127 p-Diethylbenzene	119	10.857	10.857	0.000	89	78813	20.0	18.4	
128 n-Butylbenzene	92	10.888	10.888	0.000	98	86402	20.0	18.3	
129 1,2-Dibromo-3-Chloropropane	157	11.900	11.900	0.000	94	13817	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	11.955	11.955	0.000	96	126210	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	93	51326	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	12.790	12.790	0.000	92	46436	20.0	20.6	
133 Hexachlorobutadiene	225	12.997	12.997	0.000	49	17715	20.0	18.7	
134 Naphthalene	128	12.997	12.997	0.000	99	145059	20.0	20.5	
135 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	94	38871	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 140 Total BTEX	1				0		100.0	93.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00144	Amount Added:	20.00	Units: uL	
ACROLEIN W_00131	Amount Added:	4.00	Units: uL	
GASES Li_00442	Amount Added:	20.00	Units: uL	
524freon_00043	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 06-Oct-2021 09:13:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56440.D

Injection Date: 06-Oct-2021 07:24:46 Instrument ID: CVOAMS15

Lims ID: LCS

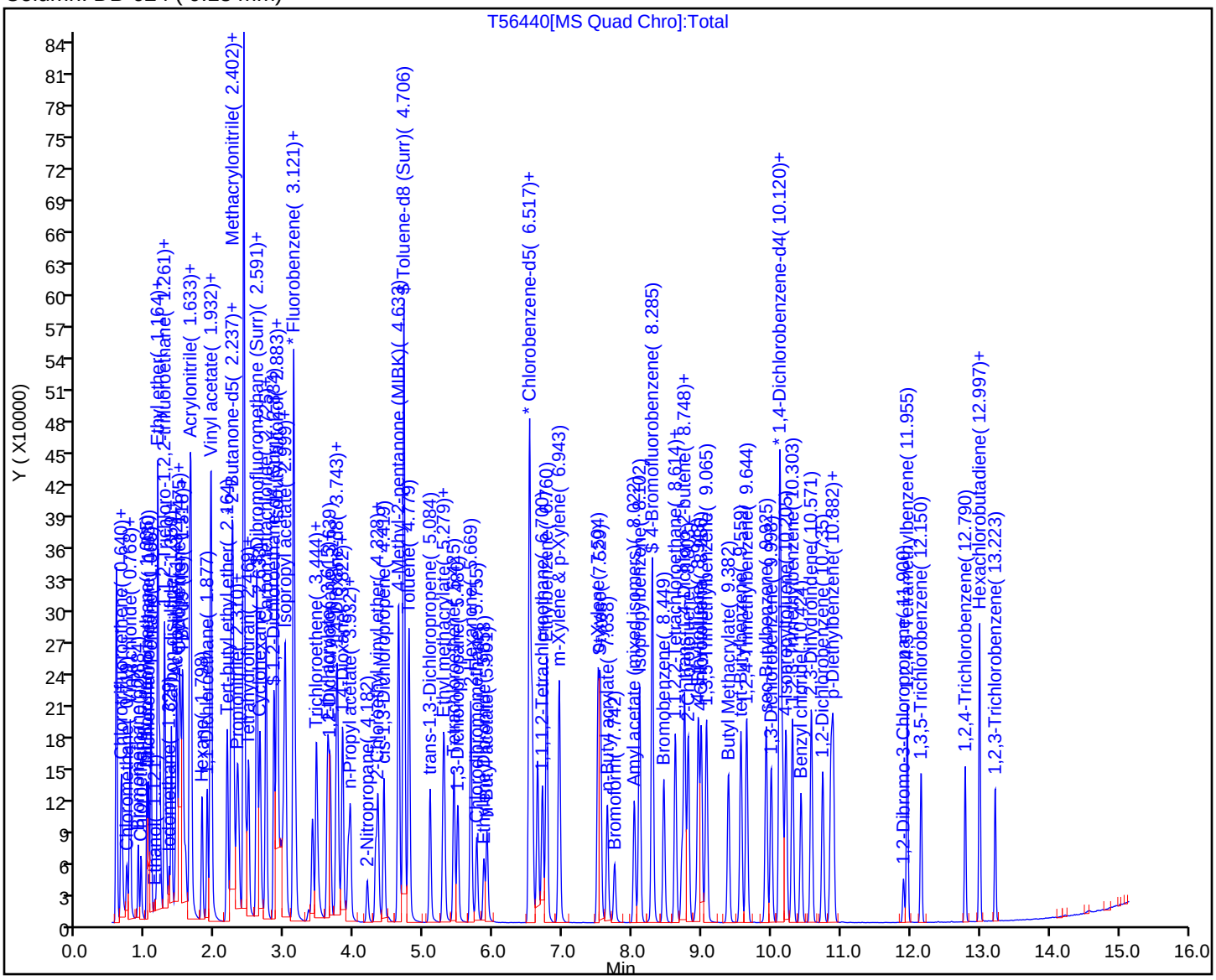
Client ID:

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)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 MS Lab Sample ID: 460-244050-5 MS

Matrix: Water Lab File ID: T56461.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 14:53

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.50	0.37
79-00-5	1,1,2-Trichloroethane	19.4		0.50	0.20
75-34-3	1,1-Dichloroethane	17.9		0.50	0.26
75-35-4	1,1-Dichloroethene	18.9		0.50	0.26
107-06-2	1,2-Dichloroethane	17.0		0.50	0.43
78-87-5	1,2-Dichloropropane	18.4		0.50	0.35
591-78-6	2-Hexanone	98.3		2.5	1.1
67-64-1	Acetone	76.8		5.0	4.4
71-43-2	Benzene	18.0		0.50	0.20
75-27-4	Bromodichloromethane	18.7		0.50	0.34
75-25-2	Bromoform	21.5		0.50	0.54
74-83-9	Bromomethane	26.7		0.50	0.55
75-15-0	Carbon disulfide	19.0		0.50	0.82
56-23-5	Carbon tetrachloride	17.8		0.50	0.21
108-90-7	Chlorobenzene	18.9		0.50	0.38
75-00-3	Chloroethane	21.3		0.50	0.32
67-66-3	Chloroform	18.5		0.50	0.33
74-87-3	Chloromethane	14.6		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	26.3		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.5		0.50	0.22
124-48-1	Dibromochloromethane	20.0		0.50	0.28
100-41-4	Ethylbenzene	18.9		0.50	0.30
78-93-3	Methyl Ethyl Ketone	97.0		2.5	1.9
108-10-1	methyl isobutyl ketone	97.4		2.5	1.3
1634-04-4	Methyl tert-butyl ether	19.1		0.50	0.22
75-09-2	Methylene Chloride	17.7		0.50	0.32
100-42-5	Styrene	19.1		0.50	0.42
127-18-4	Tetrachloroethene	59.5		0.50	0.25
108-88-3	Toluene	18.2		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	19.8		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	17.8		0.50	0.22
79-01-6	Trichloroethene	22.1		0.50	0.31
75-01-4	Vinyl chloride	16.8		0.50	0.17
1330-20-7	Xylenes, Total	38.4		1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 MS Lab Sample ID: 460-244050-5 MS

Matrix: Water Lab File ID: T56461.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 14:53

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56461.D
Lims ID: 460-244050-A-5 MS
Client ID: MW-7_20210929
Sample Type: MS
Inject. Date: 06-Oct-2021 14:53:45 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-5 MS
Misc. Info.: 460-0135560-025
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 15:11:59 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: starzecm Date: 06-Oct-2021 15:11:59

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.585	0.585	0.000	29	3810	20.0	30.4	
3	Chlorotrifluoroethene	116	0.627	0.627	0.000	71	15265	20.0	15.6	
2	1,1-Difluoroethane	65	0.634	0.633	0.001	97	26160	20.0	17.0	
4	Dichlorodifluoromethane	85	0.640	0.640	0.000	70	45344	20.0	12.9	
5	Chlorodifluoromethane	67	0.652	0.652	0.000	78	10355	20.0	17.3	
6	Chloromethane	50	0.719	0.719	0.000	88	54031	20.0	14.6	
7	Vinyl chloride	62	0.755	0.755	0.000	98	61854	20.0	16.8	
8	Butadiene	54	0.768	0.768	0.000	94	52080	20.0	16.9	
9	Bromomethane	94	0.883	0.883	0.000	99	32134	20.0	26.7	
10	Chloroethane	64	0.920	0.920	0.000	97	36806	20.0	21.3	
11	Dichlorofluoromethane	67	1.005	1.005	0.000	91	91810	20.0	19.0	
12	Trichlorofluoromethane	101	1.030	1.030	0.000	88	66719	20.0	19.1	
13	Pentane	72	1.066	1.066	0.000	96	13783	40.0	38.8	
14	Ethanol	46	1.121	1.121	0.000	97	13287	800.0	730.3	
15	Ethyl ether	59	1.158	1.158	0.000	59	41540	20.0	18.8	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	43290	20.0	19.9	
17	2-Methyl-1,3-butadiene	53	1.164	1.164	0.000	80	43251	20.0	16.9	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	89	77190	20.0	18.7	
19	Acrolein	56	1.213	1.213	0.000	96	11250	40.6	18.1	
20	1,1-Dichloroethene	96	1.255	1.261	-0.006	89	47049	20.0	18.9	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	64	41604	20.0	17.7	
22	Acetone	43	1.286	1.286	0.000	88	72011	100.0	76.8	
23	Iodomethane	142	1.329	1.328	0.001	97	36732	20.0	12.7	
24	Carbon disulfide	76	1.359	1.359	0.000	99	168781	20.0	19.0	
25	Isopropyl alcohol	45	1.365	1.359	0.006	36	36567	200.0	166.7	
26	Acetonitrile	40	1.426	1.426	0.000	84	40526	200.0	171.0	
27	3-Chloro-1-propene	76	1.432	1.432	0.000	93	37627	20.0	20.4	
28	Methyl acetate	43	1.444	1.444	0.000	98	76579	40.0	36.4	
29	Cyclopentene	67	1.475	1.475	0.000	96	121981	20.0	17.2	
30	Methylene Chloride	84	1.493	1.493	0.000	87	54069	20.0	17.7	
* 31	TBA-d9 (IS)	66	1.524	1.517	0.007	99	45847	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
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	59727	200.0	176.0	
33 Acrylonitrile	53	1.621	1.621	0.000	95	223752	200.0	205.1	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	81	54718	20.0	19.8	
35 Methyl tert-butyl ether	73	1.646	1.645	0.001	97	144068	20.0	19.1	
36 Hexane	57	1.798	1.798	0.000	92	52051	20.0	16.0	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	100	100589	20.0	17.9	
38 Vinyl acetate	86	1.920	1.914	0.006	100	24214	40.0	40.2	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	69	51802	20.0	19.6	
40 Isopropyl ether	45	1.932	1.932	0.000	79	162453	20.0	18.1	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	89	150996	20.0	18.2	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	81	330040	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	65	18065	20.0	18.6	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	89	78749	20.0	26.3	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	99	125086	100.0	97.0	
46 Propionitrile	54	2.298	2.298	0.000	99	87851	200.0	172.3	
47 Ethyl acetate	70	2.316	2.316	0.000	100	12110	40.0	36.0	
48 Methyl acrylate	55	2.334	2.334	0.000	96	60105	20.0	19.4	
50 Methacrylonitrile	67	2.402	2.401	0.001	89	255296	200.0	221.7	
49 Chlorobromomethane	128	2.408	2.401	0.007	45	25386	20.0	21.1	
51 Tetrahydrofuran	72	2.444	2.444	0.000	81	16486	40.0	41.0	
52 Chloroform	83	2.469	2.468	0.001	93	93750	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	96	117589	50.0	49.6	
54 1,1,1-Trichloroethane	97	2.597	2.596	0.001	86	77711	20.0	17.8	
55 Cyclohexane	84	2.633	2.633	0.000	90	67208	20.0	18.3	
56 Carbon tetrachloride	117	2.719	2.718	0.000	78	62250	20.0	17.8	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	96	76857	20.0	18.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	137874	50.0	45.5	
59 Isobutyl alcohol	43	2.871	2.871	0.000	49	56990	500.0	529.0	
60 Benzene	78	2.883	2.877	0.006	96	221340	20.0	18.0	
61 1,2-Dichloroethane	62	2.895	2.895	0.000	72	65971	20.0	17.0	
62 Isooctane	57	2.975	2.974	0.001	87	93056	20.0	16.6	a
63 Isopropyl acetate	61	2.993	2.993	0.000	93	21965	20.0	20.8	
64 Tert-amyl methyl ether	73	2.999	2.999	0.000	71	149639	20.0	19.5	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	456220	50.0	50.0	
66 n-Heptane	43	3.145	3.145	0.000	76	40146	20.0	14.8	
67 Trichloroethene	95	3.444	3.444	0.000	93	68092	20.0	22.1	
68 n-Butanol	56	3.468	3.468	0.000	65	37515	500.0	385.3	
69 Ethyl acrylate	55	3.603	3.602	0.000	98	119143	20.0	18.6	
70 Methylcyclohexane	83	3.615	3.615	0.000	73	63487	20.0	17.9	
71 1,2-Dichloropropane	63	3.645	3.645	0.000	89	57650	20.0	18.4	
72 Dibromomethane	93	3.755	3.755	0.000	48	34416	20.0	20.1	
* 73 1,4-Dioxane-d8	96	3.761	3.761	0.000	82	35557	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	39	15784	400.0	371.0	
75 Methyl methacrylate	100	3.828	3.822	0.006	86	30457	40.0	46.2	
76 n-Propyl acetate	43	3.907	3.907	0.000	98	73826	20.0	20.1	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	69871	20.0	18.7	
78 2-Nitropropane	41	4.182	4.182	0.000	97	26706	40.0	39.0	
80 Epichlorohydrin	57	4.334	4.334	0.000	98	88587	400.0	272.0	
81 cis-1,3-Dichloropropene	75	4.419	4.419	0.000	86	87621	20.0	17.5	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.627	0.006	95	256707	100.0	97.4	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	440913	50.0	46.7	
84 Toluene	91	4.779	4.779	0.000	93	227398	20.0	18.2	

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	5.084	5.084	0.000	93	78103	20.0	17.8	
86 Ethyl methacrylate	69	5.273	5.273	0.000	87	67973	20.0	19.5	
87 1,1,2-Trichloroethane	83	5.291	5.285	0.006	91	42423	20.0	19.4	
88 Tetrachloroethene	166	5.431	5.425	0.006	90	146743	20.0	59.5	
89 1,3-Dichloropropane	76	5.486	5.480	0.006	90	83289	20.0	18.3	
90 2-Hexanone	43	5.669	5.669	0.000	95	180299	100.0	98.3	
91 Chlorodibromomethane	129	5.755	5.754	0.001	95	49607	20.0	20.0	
92 Ethylene Dibromide	107	5.858	5.858	0.000	99	49716	20.0	19.6	
93 n-Butyl acetate	43	5.901	5.901	0.000	98	78329	20.0	18.6	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	333007	50.0	50.0	
95 Chlorobenzene	112	6.553	6.553	0.000	92	134626	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	6.699	6.699	0.000	93	46138	20.0	19.5	
97 Ethylbenzene	106	6.760	6.760	0.000	98	71379	20.0	18.9	
98 m-Xylene & p-Xylene	106	6.943	6.943	0.000	97	85682	20.0	18.8	
99 o-Xylene	106	7.504	7.504	0.000	94	82864	20.0	19.6	
100 Styrene	104	7.535	7.535	0.000	92	137667	20.0	19.1	
101 n-Butyl acrylate	73	7.638	7.632	0.006	97	39467	20.0	20.6	
102 Bromoform	173	7.742	7.742	0.000	94	32666	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	8.022	8.022	0.000	90	84614	20.0	17.2	
104 Isopropylbenzene	105	8.102	8.102	0.000	96	199082	20.0	18.6	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	122898	50.0	52.3	
106 Bromobenzene	156	8.449	8.449	0.000	96	49397	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	8.614	8.614	0.000	90	70988	20.0	19.7	
108 1,2,3-Trichloropropane	110	8.614	8.614	0.000	84	18297	20.0	19.2	
109 trans-1,4-Dichloro-2-butene	53	8.711	8.711	0.000	91	18980	20.0	17.0	
110 N-Propylbenzene	91	8.748	8.748	0.000	98	244319	20.0	17.2	
111 2-Chlorotoluene	91	8.803	8.797	0.006	96	139622	20.0	16.4	
112 4-Ethyltoluene	105	8.943	8.943	0.000	98	178092	20.0	17.2	
113 4-Chlorotoluene	91	8.986	8.986	0.000	99	161649	20.0	16.4	
114 1,3,5-Trimethylbenzene	105	9.065	9.065	0.000	92	145376	20.0	17.5	
115 Butyl Methacrylate	87	9.382	9.382	0.000	88	60618	20.0	19.2	
116 tert-Butylbenzene	119	9.559	9.559	0.000	93	120413	20.0	18.0	
117 1,2,4-Trimethylbenzene	105	9.644	9.644	0.000	98	145869	20.0	17.1	
118 sec-Butylbenzene	105	9.925	9.924	0.000	98	175923	20.0	17.6	
119 1,3-Dichlorobenzene	146	9.998	9.998	0.000	95	81760	20.0	18.6	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	156443	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.156	10.156	0.000	89	84584	20.0	18.6	
122 4-Isopropyltoluene	119	10.205	10.205	0.000	90	141767	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.302	10.302	0.000	98	148157	20.0	17.2	
124 Benzyl chloride	91	10.424	10.424	0.000	98	110664	20.0	18.7	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	90	147725	20.0	18.4	
126 1,2-Dichlorobenzene	146	10.735	10.735	0.000	94	78372	20.0	18.5	
127 p-Diethylbenzene	119	10.857	10.857	0.000	89	68853	20.0	17.4	a
128 n-Butylbenzene	92	10.888	10.888	0.000	98	74378	20.0	17.1	
129 1,2-Dibromo-3-Chloropropane	157	11.900	11.900	0.000	94	13600	20.0	23.3	
130 1,2,4,5-Tetramethylbenzene	119	11.955	11.955	0.000	96	112759	20.0	17.2	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	96	43543	20.0	18.8	
132 1,2,4-Trichlorobenzene	180	12.790	12.790	0.000	90	40051	20.0	19.3	
133 Hexachlorobutadiene	225	12.997	12.997	0.000	49	15608	20.0	17.8	
134 Naphthalene	128	12.997	12.997	0.000	99	130212	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	93	32798	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.0	

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	38.4	
S 140 Total BTEX	1				0		100.0	93.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.4	
S 138 Total 1,2-dichloroethene	1				0			46.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00144	Amount Added:	20.00	Units: uL	
ACROLEIN W_00131	Amount Added:	4.00	Units: uL	
GASES Li_00442	Amount Added:	20.00	Units: uL	
524freon_00043	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 06-Oct-2021 15:12:00 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56461.D

Injection Date: 06-Oct-2021 14:53:45 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-5 MS

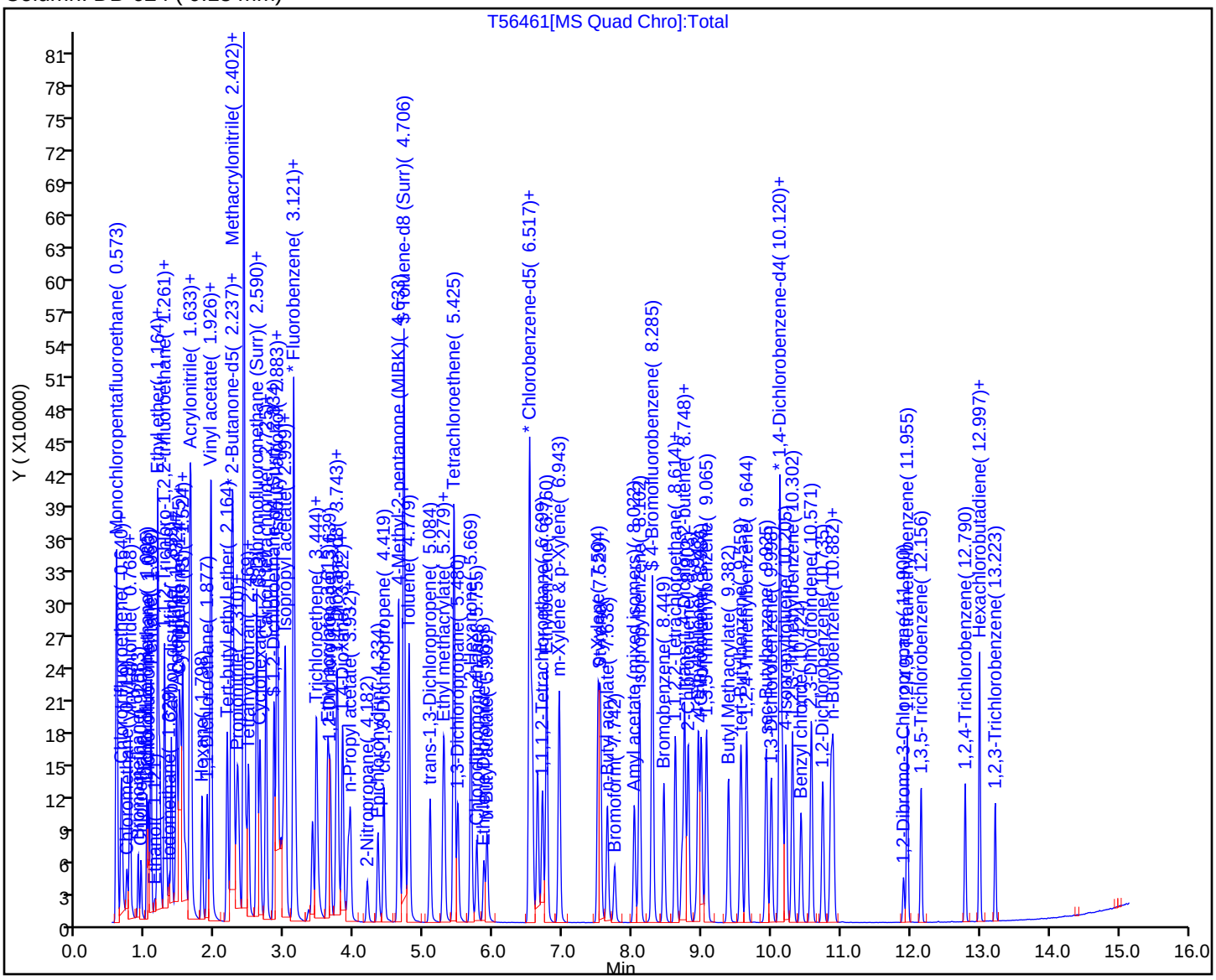
Client ID: MW-7_20210929

Operator ID: ALS Bottle#: 0 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 MSD Lab Sample ID: 460-244050-5 MSD

Matrix: Water Lab File ID: T56462.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 15:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.50	0.37
79-00-5	1,1,2-Trichloroethane	19.1		0.50	0.20
75-34-3	1,1-Dichloroethane	17.7		0.50	0.26
75-35-4	1,1-Dichloroethene	19.3		0.50	0.26
107-06-2	1,2-Dichloroethane	16.7		0.50	0.43
78-87-5	1,2-Dichloropropane	18.3		0.50	0.35
591-78-6	2-Hexanone	98.9		2.5	1.1
67-64-1	Acetone	77.3		5.0	4.4
71-43-2	Benzene	18.3		0.50	0.20
75-27-4	Bromodichloromethane	18.8		0.50	0.34
75-25-2	Bromoform	21.9		0.50	0.54
74-83-9	Bromomethane	28.1		0.50	0.55
75-15-0	Carbon disulfide	19.0		0.50	0.82
56-23-5	Carbon tetrachloride	18.2		0.50	0.21
108-90-7	Chlorobenzene	19.0		0.50	0.38
75-00-3	Chloroethane	21.2		0.50	0.32
67-66-3	Chloroform	18.5		0.50	0.33
74-87-3	Chloromethane	14.9		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	26.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.9		0.50	0.22
124-48-1	Dibromochloromethane	20.2		0.50	0.28
100-41-4	Ethylbenzene	19.1		0.50	0.30
78-93-3	Methyl Ethyl Ketone	97.1		2.5	1.9
108-10-1	methyl isobutyl ketone	97.8		2.5	1.3
1634-04-4	Methyl tert-butyl ether	19.2		0.50	0.22
75-09-2	Methylene Chloride	17.9		0.50	0.32
100-42-5	Styrene	19.3		0.50	0.42
127-18-4	Tetrachloroethene	60.3		0.50	0.25
108-88-3	Toluene	18.1		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	19.8		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		0.50	0.22
79-01-6	Trichloroethene	21.7		0.50	0.31
75-01-4	Vinyl chloride	16.4		0.50	0.17
1330-20-7	Xylenes, Total	38.2		1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 MSD Lab Sample ID: 460-244050-5 MSD

Matrix: Water Lab File ID: T56462.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 15:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56462.D
Lims ID: 460-244050-A-5 MSD
Client ID: MW-7_20210929
Sample Type: MSD
Inject. Date: 06-Oct-2021 15:14:53 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-244050-A-5 MSD
Misc. Info.: 460-0135560-026
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Oct-2021 16:07:31 Calib Date: 11-Aug-2021 06:40:02
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20210811-133123.b\T54001.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1617

First Level Reviewer: baronm Date: 06-Oct-2021 16:07:31

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	0.585	0.585	0.000	26	3023	20.0	24.2	
3	Chlorotrifluoroethene	116	0.627	0.627	0.000	73	15720	20.0	16.1	
2	1,1-Difluoroethane	65	0.633	0.633	0.000	97	25787	20.0	16.8	
4	Dichlorodifluoromethane	85	0.640	0.640	0.000	70	44698	20.0	12.8	
5	Chlorodifluoromethane	67	0.652	0.652	0.000	78	10016	20.0	16.8	
6	Chloromethane	50	0.719	0.719	0.000	89	54832	20.0	14.9	
7	Vinyl chloride	62	0.755	0.755	0.000	83	60273	20.0	16.4	
8	Butadiene	54	0.768	0.768	0.000	94	52138	20.0	16.9	
9	Bromomethane	94	0.883	0.883	0.000	99	33829	20.0	28.1	
10	Chloroethane	64	0.920	0.920	0.000	96	36800	20.0	21.2	
11	Dichlorofluoromethane	67	1.005	1.005	0.000	91	92324	20.0	19.1	
12	Trichlorofluoromethane	101	1.030	1.030	0.000	88	64867	20.0	18.6	
13	Pentane	72	1.066	1.066	0.000	96	13577	40.0	38.3	
14	Ethanol	46	1.121	1.121	0.000	96	13044	800.0	717.8	
15	Ethyl ether	59	1.158	1.158	0.000	59	41559	20.0	18.8	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	1.164	1.164	0.000	78	43053	20.0	19.8	
17	2-Methyl-1,3-butadiene	53	1.164	1.164	0.000	79	41732	20.0	16.4	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.188	0.000	89	75642	20.0	18.4	
19	Acrolein	56	1.213	1.213	0.000	95	13523	40.6	21.8	
20	1,1-Dichloroethene	96	1.255	1.261	-0.006	90	47921	20.0	19.3	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.261	1.261	0.000	65	40334	20.0	17.2	
22	Acetone	43	1.286	1.286	0.000	88	72838	100.0	77.3	
23	Iodomethane	142	1.328	1.328	0.000	98	39914	20.0	13.9	
24	Carbon disulfide	76	1.359	1.359	0.000	99	167916	20.0	19.0	
25	Isopropyl alcohol	45	1.365	1.359	0.006	36	40325	200.0	184.0	
26	Acetonitrile	40	1.426	1.426	0.000	84	40880	200.0	171.8	
27	3-Chloro-1-propene	76	1.432	1.432	0.000	94	37685	20.0	20.5	
28	Methyl acetate	43	1.444	1.444	0.000	98	74657	40.0	35.6	
29	Cyclopentene	67	1.475	1.475	0.000	94	121021	20.0	17.2	
30	Methylene Chloride	84	1.493	1.493	0.000	87	54471	20.0	17.9	
* 31	TBA-d9 (IS)	66	1.524	1.517	0.007	99	45793	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
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	99	61246	200.0	180.7	
33 Acrylonitrile	53	1.621	1.621	0.000	95	223130	200.0	205.2	
34 trans-1,2-Dichloroethene	96	1.639	1.639	0.000	82	54579	20.0	19.8	
35 Methyl tert-butyl ether	73	1.646	1.645	0.001	97	144085	20.0	19.2	
36 Hexane	57	1.798	1.798	0.000	91	51858	20.0	16.0	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	94	98903	20.0	17.7	
38 Vinyl acetate	86	1.920	1.914	0.006	100	23418	40.0	38.7	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	68	51788	20.0	19.6	
40 Isopropyl ether	45	1.932	1.932	0.000	80	162059	20.0	18.1	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	89	149679	20.0	18.1	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	81	331358	250.0	250.0	
44 2,2-Dichloropropane	97	2.243	2.243	0.000	65	17997	20.0	18.6	a
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	90	78299	20.0	26.2	
45 2-Butanone (MEK)	43	2.261	2.261	0.000	99	125725	100.0	97.1	
46 Propionitrile	54	2.298	2.298	0.000	98	87675	200.0	172.2	
47 Ethyl acetate	70	2.316	2.316	0.000	100	11987	40.0	35.5	
48 Methyl acrylate	55	2.334	2.334	0.000	96	60028	20.0	19.5	
50 Methacrylonitrile	67	2.401	2.401	0.000	89	254454	200.0	221.7	
49 Chlorobromomethane	128	2.401	2.401	0.000	44	25448	20.0	21.2	
51 Tetrahydrofuran	72	2.444	2.444	0.000	80	16350	40.0	40.5	
52 Chloroform	83	2.469	2.468	0.001	93	93346	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	96	117909	50.0	49.9	
54 1,1,1-Trichloroethane	97	2.597	2.596	0.001	87	77040	20.0	17.7	
55 Cyclohexane	84	2.633	2.633	0.000	89	66097	20.0	18.0	
56 Carbon tetrachloride	117	2.718	2.718	0.000	77	63348	20.0	18.2	
57 1,1-Dichloropropene	75	2.725	2.725	0.000	96	77972	20.0	18.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.834	0.000	91	138972	50.0	46.0	
59 Isobutyl alcohol	43	2.871	2.871	0.000	49	56563	500.0	525.7	
60 Benzene	78	2.883	2.877	0.006	95	224883	20.0	18.3	
61 1,2-Dichloroethane	62	2.895	2.895	0.000	71	64655	20.0	16.7	
62 Isooctane	57	2.975	2.974	0.001	87	93063	20.0	16.7	a
63 Isopropyl acetate	61	2.993	2.993	0.000	93	21500	20.0	20.5	
64 Tert-amyl methyl ether	73	2.999	2.999	0.000	71	148346	20.0	19.4	
* 65 Fluorobenzene	96	3.121	3.121	0.000	99	454723	50.0	50.0	
66 n-Heptane	43	3.145	3.145	0.000	76	39361	20.0	14.5	
67 Trichloroethene	95	3.444	3.444	0.000	94	66561	20.0	21.7	
68 n-Butanol	56	3.468	3.468	0.000	65	37319	500.0	383.7	
69 Ethyl acrylate	55	3.602	3.602	0.000	98	119219	20.0	18.7	
70 Methylcyclohexane	83	3.615	3.615	0.000	73	62013	20.0	17.5	
71 1,2-Dichloropropane	63	3.645	3.645	0.000	89	57061	20.0	18.3	
72 Dibromomethane	93	3.755	3.755	0.000	48	33790	20.0	19.8	
* 73 1,4-Dioxane-d8	96	3.761	3.761	0.000	82	36446	1000.0	1000.0	
74 1,4-Dioxane	88	3.810	3.810	0.000	39	16939	400.0	388.4	
75 Methyl methacrylate	100	3.828	3.822	0.006	87	29733	40.0	45.3	
76 n-Propyl acetate	43	3.907	3.907	0.000	97	72767	20.0	19.9	
77 Dichlorobromomethane	83	3.938	3.938	0.000	96	69713	20.0	18.8	
78 2-Nitropropane	41	4.182	4.182	0.000	97	27082	40.0	39.7	
80 Epichlorohydrin	57	4.334	4.334	0.000	98	86666	400.0	265.0	
81 cis-1,3-Dichloropropene	75	4.419	4.419	0.000	86	89451	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.627	0.006	95	258712	100.0	97.8	
$ 83 Toluene-d8 (Surr)	98	4.706	4.706	0.000	99	441088	50.0	46.8	
84 Toluene	91	4.779	4.779	0.000	93	226021	20.0	18.1	

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	5.084	5.084	0.000	93	78901	20.0	18.1	
86 Ethyl methacrylate	69	5.273	5.273	0.000	86	70740	20.0	20.4	
87 1,1,2-Trichloroethane	83	5.291	5.285	0.006	92	41545	20.0	19.1	
88 Tetrachloroethene	166	5.431	5.425	0.006	92	148323	20.0	60.3	
89 1,3-Dichloropropane	76	5.486	5.480	0.006	91	83496	20.0	18.4	
90 2-Hexanone	43	5.669	5.669	0.000	96	182157	100.0	98.9	
91 Chlorodibromomethane	129	5.755	5.754	0.000	96	50014	20.0	20.2	
92 Ethylene Dibromide	107	5.858	5.858	0.000	98	50109	20.0	19.8	
93 n-Butyl acetate	43	5.901	5.901	0.000	98	78115	20.0	18.6	
* 94 Chlorobenzene-d5	117	6.517	6.517	0.001	85	332169	50.0	50.0	
95 Chlorobenzene	112	6.553	6.553	0.000	93	134919	20.0	19.0	
96 1,1,1,2-Tetrachloroethane	131	6.699	6.699	0.000	92	46878	20.0	19.8	
97 Ethylbenzene	106	6.760	6.760	0.000	98	71900	20.0	19.1	
98 m-Xylene & p-Xylene	106	6.943	6.943	0.000	97	85465	20.0	18.8	
99 o-Xylene	106	7.504	7.504	0.000	93	82005	20.0	19.4	
100 Styrene	104	7.535	7.535	0.000	91	138998	20.0	19.3	
101 n-Butyl acrylate	73	7.638	7.632	0.006	98	40248	20.0	21.1	
102 Bromoform	173	7.742	7.742	0.000	94	33068	20.0	21.9	
103 Amyl acetate (mixed isomers)	43	8.022	8.022	0.000	91	84805	20.0	17.4	
104 Isopropylbenzene	105	8.102	8.102	0.000	96	199750	20.0	18.7	
$ 105 4-Bromofluorobenzene	174	8.285	8.284	0.001	86	122440	50.0	52.2	
106 Bromobenzene	156	8.449	8.449	0.000	96	50022	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	8.614	8.614	0.000	89	69638	20.0	19.5	
108 1,2,3-Trichloropropane	110	8.614	8.614	0.000	85	18132	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	8.711	8.711	0.000	90	19247	20.0	17.5	
110 N-Propylbenzene	91	8.748	8.748	0.000	98	245931	20.0	17.6	
111 2-Chlorotoluene	91	8.803	8.797	0.006	95	140617	20.0	16.7	
112 4-Ethyltoluene	105	8.943	8.943	0.000	98	178785	20.0	17.4	
113 4-Chlorotoluene	91	8.986	8.986	0.000	99	164611	20.0	16.9	
114 1,3,5-Trimethylbenzene	105	9.065	9.065	0.000	92	147052	20.0	17.9	
115 Butyl Methacrylate	87	9.382	9.382	0.000	88	60625	20.0	19.4	
116 tert-Butylbenzene	119	9.559	9.559	0.000	89	122216	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	9.644	9.644	0.000	98	148910	20.0	17.7	
118 sec-Butylbenzene	105	9.924	9.924	0.000	99	179965	20.0	18.2	
119 1,3-Dichlorobenzene	146	9.998	9.998	0.000	94	83100	20.0	19.1	
* 120 1,4-Dichlorobenzene-d4	152	10.120	10.120	0.000	96	154565	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.156	10.156	0.000	89	85215	20.0	19.0	
122 4-Isopropyltoluene	119	10.205	10.205	0.000	89	143351	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.302	10.302	0.000	98	151849	20.0	17.8	
124 Benzyl chloride	91	10.424	10.424	0.000	98	108420	20.0	18.5	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	90	148973	20.0	18.8	
126 1,2-Dichlorobenzene	146	10.735	10.735	0.000	94	79508	20.0	19.0	
127 p-Diethylbenzene	119	10.857	10.857	0.000	89	70610	20.0	18.0	a
128 n-Butylbenzene	92	10.888	10.888	0.000	98	75334	20.0	17.5	
129 1,2-Dibromo-3-Chloropropane	157	11.900	11.900	0.000	93	13602	20.0	23.6	
130 1,2,4,5-Tetramethylbenzene	119	11.955	11.955	0.000	96	115092	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	12.156	12.156	0.000	95	45784	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.790	12.790	0.000	93	42569	20.0	20.7	
133 Hexachlorobutadiene	225	12.997	12.997	0.000	49	14976	20.0	17.3	
134 Naphthalene	128	12.997	12.997	0.000	99	141718	20.0	21.9	
135 1,2,3-Trichlorobenzene	180	13.223	13.223	0.000	94	38025	20.0	22.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.0	

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	38.2	
S 140 Total BTEX	1				0		100.0	93.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.0	
S 138 Total 1,2-dichloroethene	1				0			46.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00144	Amount Added:	20.00	Units: uL	
ACROLEIN W_00131	Amount Added:	4.00	Units: uL	
GASES Li_00442	Amount Added:	20.00	Units: uL	
524freon_00043	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 06-Oct-2021 16:08:12 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211006-135560.b\T56462.D

Injection Date: 06-Oct-2021 15:14:53 Instrument ID: CVOAMS15

Lims ID: 460-244050-A-5 MSD

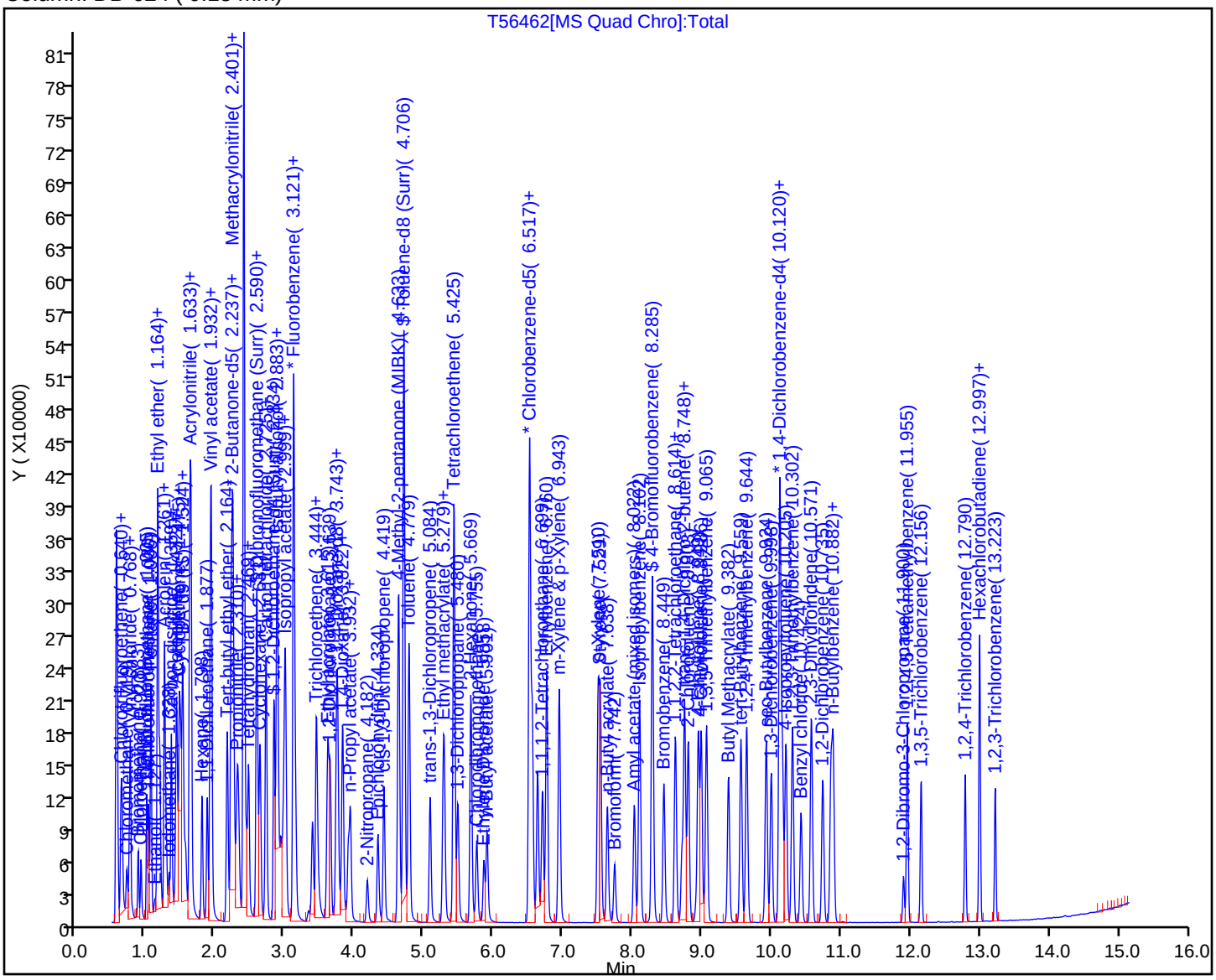
Client ID: MW-7_20210929

Operator ID: ALS Bottle#: 0 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 08/11/2021 03:16

Analysis Batch Number: 795604 End Date: 08/11/2021 08:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-795604/1		08/11/2021 03:16	1	T53992.D	DB-624 0.18(mm)
STD8 460-795604/3 IC		08/11/2021 04:12	1	T53994.D	DB-624 0.18(mm)
STD05 460-795604/4 IC		08/11/2021 04:33	1	T53995.D	DB-624 0.18(mm)
STD1 460-795604/5 IC		08/11/2021 04:54	1	T53996.D	DB-624 0.18(mm)
STD5 460-795604/6 IC		08/11/2021 05:15	1	T53997.D	DB-624 0.18(mm)
STD20 460-795604/7 ICIS		08/11/2021 05:36	1	T53998.D	DB-624 0.18(mm)
STD50 460-795604/8 IC		08/11/2021 05:57	1	T53999.D	DB-624 0.18(mm)
STD200 460-795604/9 IC		08/11/2021 06:18	1	T54000.D	DB-624 0.18(mm)
STD500 460-795604/10 IC		08/11/2021 06:40	1	T54001.D	DB-624 0.18(mm)
ICV 460-795604/15		08/11/2021 08:25	1	T54006.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 10/06/2021 07:03

Analysis Batch Number: 805281 End Date: 10/06/2021 16:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-805281/3		10/06/2021 07:03	1	T56439.D	DB-624 0.18(mm)
LCS 460-805281/4		10/06/2021 07:24	1	T56440.D	DB-624 0.18(mm)
ZZZZZ		10/06/2021 07:45	1		DB-624 0.18(mm)
MB 460-805281/8		10/06/2021 08:49	1	T56444.D	DB-624 0.18(mm)
460-244050-9	FB_20210929	10/06/2021 09:10	1	T56445.D	DB-624 0.18(mm)
460-244050-10	TB_20210929	10/06/2021 09:31	1	T56446.D	DB-624 0.18(mm)
460-244050-5	MW-7_20210929	10/06/2021 09:52	1	T56447.D	DB-624 0.18(mm)
460-244050-1	MW-2R_20210927	10/06/2021 10:13	1	T56448.D	DB-624 0.18(mm)
460-244050-2	MW-X_20210927	10/06/2021 10:34	1	T56449.D	DB-624 0.18(mm)
460-244050-3	MW-4_20210927	10/06/2021 10:55	1	T56450.D	DB-624 0.18(mm)
460-244050-4	MW-6_20210929	10/06/2021 11:17	1	T56451.D	DB-624 0.18(mm)
460-244050-6	MW-8_20210929	10/06/2021 11:38	1	T56452.D	DB-624 0.18(mm)
460-244050-7	MW-14_20210928	10/06/2021 11:59	1	T56453.D	DB-624 0.18(mm)
460-244050-8	MW-19_20210928	10/06/2021 12:20	1	T56454.D	DB-624 0.18(mm)
ZZZZZ		10/06/2021 12:41	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 13:02	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 13:50	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 14:11	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 14:32	1		DB-624 0.18(mm)
460-244050-5 MS	MW-7_20210929 MS	10/06/2021 14:53	1	T56461.D	DB-624 0.18(mm)
460-244050-5 MSD	MW-7_20210929 MSD	10/06/2021 15:14	1	T56462.D	DB-624 0.18(mm)
ZZZZZ		10/06/2021 15:57	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 16:18	1		DB-624 0.18(mm)
ZZZZZ		10/06/2021 16:39	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Batch Number: 795604 Batch Start Date: 08/11/21 03:16 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00132	524freon 00040	524freon 00041	8260 SP 00143
BFB 460-795604/1		8260D		5 mL	5 mL				
STD8 460-795604/3 IC		8260D		5 mL	5 mL				
STD05 460-795604/4 IC		8260D		5 mL	5 mL	15 uL		5 uL	
STD1 460-795604/5 IC		8260D		5 mL	5 mL	30 uL		10 uL	
STD5 460-795604/6 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-795604/7 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-795604/8 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-795604/9 IC		8260D		5 mL	5 mL				
STD500 460-795604/10 IC		8260D		5 mL	5 mL				
ICV 460-795604/15		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00141	8FreonHi 00035	8FreonsSS 00035	ACROLEIN SP 00127	ACROLEIN W 00129	ACRY/EPIH MIX 00088
BFB 460-795604/1		8260D							
STD8 460-795604/3 IC		8260D							20 uL
STD05 460-795604/4 IC		8260D		5 uL				2 uL	
STD1 460-795604/5 IC		8260D		10 uL				4 uL	
STD5 460-795604/6 IC		8260D		10 uL				4 uL	
STD20 460-795604/7 ICIS		8260D		20 uL				4 uL	
STD50 460-795604/8 IC		8260D		50 uL				10 uL	
STD200 460-795604/9 IC		8260D			20 uL			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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Batch Number: 795604 Batch Start Date: 08/11/21 03:16 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00141	8FreonHi 00035	8FreonsSS 00035	ACROLEIN SP 00127	ACROLEIN W 00129	ACRY/EPIH MIX 00088
STD500 460-795604/10 IC		8260D			50 uL			40 uL	
ICV 460-795604/15		8260D				20 uL	4 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00029	Ethanol mix 00055	GAS C SP 00421	GAS Hi 00394	GASES Li 00432	MIX 2 Hi 00114
BFB 460-795604/1		8260D		1 uL					
STD8 460-795604/3 IC		8260D						2.5 uL	
STD05 460-795604/4 IC		8260D						5 uL	
STD1 460-795604/5 IC		8260D						10 uL	
STD5 460-795604/6 IC		8260D						10 uL	
STD20 460-795604/7 ICIS		8260D						20 uL	
STD50 460-795604/8 IC		8260D						50 uL	
STD200 460-795604/9 IC		8260D			20 uL		20 uL		20 uL
STD500 460-795604/10 IC		8260D			50 uL		50 uL		50 uL
ICV 460-795604/15		8260D				20 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX I Hi 00141	VOA6IS/SURR 00048				
BFB 460-795604/1		8260D							
STD8 460-795604/3 IC		8260D			5 uL				
STD05 460-795604/4 IC		8260D			5 uL				
STD1 460-795604/5 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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Batch Number: 795604 Batch Start Date: 08/11/21 03:16 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX I Hi 00141	VOA6IS/SURR 00048				
STD5 460-795604/6 IC		8260D			5 uL				
STD20 460-795604/7 ICIS		8260D			5 uL				
STD50 460-795604/8 IC		8260D			5 uL				
STD200 460-795604/9 IC		8260D		20 uL	5 uL				
STD500 460-795604/10 IC		8260D		50 uL	5 uL				
ICV 460-795604/15		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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Batch Number: 805281 Batch Start Date: 10/06/21 07:03 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00043	8260MIX1COMB 00144	ACROLEIN W 00131
CCVIS 460-805281/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-805281/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-805281/8		8260D		5 mL	5 mL				
460-244050-A-9	FB_20210929	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-10	TB_20210929	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-5	MW-7_20210929	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-1	MW-2R_20210927	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-2	MW-X_20210927	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-3	MW-4_20210927	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-4	MW-6_20210929	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-6	MW-8_20210929	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-7	MW-14_20210928	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-8	MW-19_20210928	8260D	T	5 mL	5 mL	<2 PH Units			
460-244050-A-5 MS	MW-7_20210929	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-244050-A-5 MSD	MW-7_20210929	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 00442	VOA6IS/SURR 00050				
CCVIS 460-805281/3		8260D		20 uL	5 uL				
LCS 460-805281/4		8260D		20 uL	5 uL				
MB 460-805281/8		8260D			5 uL				
460-244050-A-9	FB_20210929	8260D	T		5 uL				
460-244050-A-10	TB_20210929	8260D	T		5 uL				
460-244050-A-5	MW-7_20210929	8260D	T		5 uL				
460-244050-A-1	MW-2R_20210927	8260D	T		5 uL				
460-244050-A-2	MW-X_20210927	8260D	T		5 uL				
460-244050-A-3	MW-4_20210927	8260D	T		5 uL				
460-244050-A-4	MW-6_20210929	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 TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Batch Number: 805281 Batch Start Date: 10/06/21 07:03 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00442	VOA6IS/SURR 00050				
460-244050-A-6	MW-8_20210929	8260D	T		5 uL				
460-244050-A-7	MW-14_20210928	8260D	T		5 uL				
460-244050-A-8	MW-19_20210928	8260D	T		5 uL				
460-244050-A-5 MS	MW-7_20210929	8260D	T	20 uL	5 uL				
460-244050-A-5 MSD	MW-7_20210929	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

ELMSFORD
272

Address: _____

Chain of Custody Record 471126

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name: ATRP	Tel/Email:	Lab Contact:	Carrier:	_____ of _____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NEW CITY	☒ 1 week			
Site:	☐ 2 days			Job / SDG No.: 244050
PO# 20 4021	☐ 1 day			

5-Day RUSH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOC	Sample Specific Notes:
MW-2R-20210927	9/27/21	1410	G	GW				X	-1
MW-X-20210927	9/27/21	0000	G	GW				X	-2
MW-4-20210927	9/27/21	1545	G	GW				X	-3
MW-6-20210928	9/28/21	1255	G	GW				X	-4
MW-7-20210928	9/28/21	1030	G	GW				X	MS/MSD -5
MW-8-20210928	9/28/21	1520	G	GW				X	-6
MW-9			G	GW					
MW-14-20210928	9/28/21	1310	G	GW				X	-7
MW-19-20210928	9/28/21	1040	G	GW				X	-8
FB-20210929	9/29/21	1250						X	-9
TB-20210929	9/29/21	0000						X	TRIP BLANK -10

460-244050 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 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:

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

	Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
1		ATRP	9/29/21 1745		ETA	9/29/21 1745
2		ETA	9-30-21 0830		TAL	9/30/21 0830
3	Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Cooler 4.2/3.7 °C

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10/07/2021

AKRF

Page 1 of 1

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 244050

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.2 °C	3.7 °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.*

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

Initials: _____ **Date:** 9-30-21

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-244050-1

Login Number: 244050
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins TestAmerica, 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	

ANALYTICAL REPORT

Job Number: 200-60355-1

Job Description: New City

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Bryan Zieroff

Approved for release.
Allison L Bennett
Project Manager I
10/11/2021 10:38 AM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
10/11/2021

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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 TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: AKRF Inc
Job ID: 200-60355-1
Project/Site: New City

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Air - GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

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

CASE NARRATIVE

Client: AKRF Inc

Project: New City

Report Number: 200-60355-1

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 10/1/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

During the canister pressure check performed upon receipt, it was observed that the following sample was received at an elevated residual vacuum level: AA_20210929. The associated flow controller was evaluated upon receipt and was found to be outside of the acceptable flow range as compared to the original set flow rate.

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 ORGANICS (AMBIENT AIR)

Samples IA-1_20210929 (200-60355-1), IA-X_20210929 (200-60355-2) and AA_20210929 (200-60355-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 10/08/2021.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Client Sample ID: IA-1_20210929 — Lab Sample ID: 200-60355-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.27	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.20	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.37	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.25	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.13	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	2.9	J	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.18	J	0.20	0.088	ppb v/v	1		TO-15	Total/NA
Benzene	0.096	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
Toluene	0.45		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.058	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.72	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.76	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	0.59	J	1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.76	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	7.0	J	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.7	J	12	2.4	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.70	J	0.79	0.35	ug/m3	1		TO-15	Total/NA
Benzene	0.31	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
Toluene	1.7		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.39	J	1.4	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-X_20210929 — Lab Sample ID: 200-60355-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.16	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.23	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.14	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	3.2	J	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.8	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.18	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.21		0.20	0.088	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.035		0.035	0.032	ppb v/v	1		TO-15	Total/NA
Toluene	0.44		0.20	0.093	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.56	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.71	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	0.54	J	1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.80	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	7.7	J	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.9	J	12	2.4	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.63	J	1.7	0.59	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.82		0.79	0.35	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.22		0.22	0.20	ug/m3	1		TO-15	Total/NA
Toluene	1.6		0.75	0.35	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AA_20210929

Lab Sample ID: 200-60355-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.23	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.17	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.40	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.35	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.17	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	2.4	J	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.32	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.044		0.035	0.032	ppb v/v	1		TO-15	Total/NA
Benzene	0.087	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.42	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	0.25		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.33		0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.60	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.82	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	0.82	J	1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.94	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	5.7	J	12	4.8	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.95	J	1.5	0.50	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28		0.22	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.28	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.7	J	2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	0.93		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.2		1.4	0.18	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-1_20210929
Lab Sample ID: 200-60355-1

Date Collected: 09/29/21 16:26
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.27**	**J**	0.50	0.11	ppb v/v			10/08/21 16:56	1
Chlorodifluoromethane	**0.20**	**J**	0.50	0.11	ppb v/v			10/08/21 16:56	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 16:56	1
Chloromethane	**0.37**	**J**	0.50	0.12	ppb v/v			10/08/21 16:56	1
n-Butane	**0.25**	**J**	0.50	0.19	ppb v/v			10/08/21 16:56	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			10/08/21 16:56	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			10/08/21 16:56	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			10/08/21 16:56	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			10/08/21 16:56	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			10/08/21 16:56	1
Trichlorofluoromethane	**0.13**	**J**	0.20	0.052	ppb v/v			10/08/21 16:56	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 16:56	1
1,1-Dichloroethene	0.035	U	0.035	0.029	ppb v/v			10/08/21 16:56	1
Acetone	**2.9**	**J**	5.0	2.0	ppb v/v			10/08/21 16:56	1
Isopropyl alcohol	**2.7**	**J**	5.0	0.98	ppb v/v			10/08/21 16:56	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/08/21 16:56	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			10/08/21 16:56	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			10/08/21 16:56	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/08/21 16:56	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			10/08/21 16:56	1
trans-1,2-Dichloroethene	**0.18**	**J**	0.20	0.088	ppb v/v			10/08/21 16:56	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			10/08/21 16:56	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			10/08/21 16:56	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			10/08/21 16:56	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			10/08/21 16:56	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			10/08/21 16:56	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			10/08/21 16:56	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			10/08/21 16:56	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			10/08/21 16:56	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			10/08/21 16:56	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			10/08/21 16:56	1
Benzene	**0.096**	**J**	0.20	0.074	ppb v/v			10/08/21 16:56	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			10/08/21 16:56	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			10/08/21 16:56	1
Trichloroethene	0.035	U	0.035	0.024	ppb v/v			10/08/21 16:56	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			10/08/21 16:56	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			10/08/21 16:56	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			10/08/21 16:56	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			10/08/21 16:56	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			10/08/21 16:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			10/08/21 16:56	1
Toluene	**0.45**		0.20	0.093	ppb v/v			10/08/21 16:56	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			10/08/21 16:56	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			10/08/21 16:56	1
Tetrachloroethene	**0.058**	**J**	0.20	0.027	ppb v/v			10/08/21 16:56	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			10/08/21 16:56	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			10/08/21 16:56	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			10/08/21 16:56	1

Client Sample ID: IA-1_20210929

Lab Sample ID: 200-60355-1

Date Collected: 09/29/21 16:26
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			10/08/21 16:56	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			10/08/21 16:56	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			10/08/21 16:56	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			10/08/21 16:56	1
Styrene	0.20	U	0.20	0.032	ppb v/v			10/08/21 16:56	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			10/08/21 16:56	1
Cumene	0.20	U	0.20	0.037	ppb v/v			10/08/21 16:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/08/21 16:56	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 16:56	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			10/08/21 16:56	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			10/08/21 16:56	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			10/08/21 16:56	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			10/08/21 16:56	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 16:56	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			10/08/21 16:56	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			10/08/21 16:56	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/08/21 16:56	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			10/08/21 16:56	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			10/08/21 16:56	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			10/08/21 16:56	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			10/08/21 16:56	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			10/08/21 16:56	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			10/08/21 16:56	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			10/08/21 16:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.3**	**J**	2.5	0.54	ug/m3			10/08/21 16:56	1
Chlorodifluoromethane	**0.72**	**J**	1.8	0.39	ug/m3			10/08/21 16:56	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			10/08/21 16:56	1
Chloromethane	**0.76**	**J**	1.0	0.25	ug/m3			10/08/21 16:56	1
n-Butane	**0.59**	**J**	1.2	0.45	ug/m3			10/08/21 16:56	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			10/08/21 16:56	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			10/08/21 16:56	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			10/08/21 16:56	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			10/08/21 16:56	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			10/08/21 16:56	1
Trichlorofluoromethane	**0.76**	**J**	1.1	0.29	ug/m3			10/08/21 16:56	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			10/08/21 16:56	1
1,1-Dichloroethene	0.14	U	0.14	0.11	ug/m3			10/08/21 16:56	1
Acetone	**7.0**	**J**	12	4.8	ug/m3			10/08/21 16:56	1
Isopropyl alcohol	**6.7**	**J**	12	2.4	ug/m3			10/08/21 16:56	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			10/08/21 16:56	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			10/08/21 16:56	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			10/08/21 16:56	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/08/21 16:56	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			10/08/21 16:56	1
trans-1,2-Dichloroethene	**0.70**	**J**	0.79	0.35	ug/m3			10/08/21 16:56	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			10/08/21 16:56	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			10/08/21 16:56	1

Client Sample ID: IA-1_20210929

Lab Sample ID: 200-60355-1

Date Collected: 09/29/21 16:26

Matrix: Air

Date Received: 10/01/21 11:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			10/08/21 16:56	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			10/08/21 16:56	1
Chloroform	0.98	U	0.98	0.22	ug/m3			10/08/21 16:56	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			10/08/21 16:56	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			10/08/21 16:56	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			10/08/21 16:56	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			10/08/21 16:56	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			10/08/21 16:56	1
Benzene	**0.31**	**J**	0.64	0.24	ug/m3			10/08/21 16:56	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			10/08/21 16:56	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			10/08/21 16:56	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			10/08/21 16:56	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			10/08/21 16:56	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			10/08/21 16:56	1
1,4-Dioxane	18	U	18	6.1	ug/m3			10/08/21 16:56	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			10/08/21 16:56	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			10/08/21 16:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			10/08/21 16:56	1
Toluene	**1.7**		0.75	0.35	ug/m3			10/08/21 16:56	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			10/08/21 16:56	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			10/08/21 16:56	1
Tetrachloroethene	**0.39**	**J**	1.4	0.18	ug/m3			10/08/21 16:56	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			10/08/21 16:56	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			10/08/21 16:56	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			10/08/21 16:56	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/08/21 16:56	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			10/08/21 16:56	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			10/08/21 16:56	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			10/08/21 16:56	1
Styrene	0.85	U	0.85	0.14	ug/m3			10/08/21 16:56	1
Bromoform	2.1	U	2.1	0.60	ug/m3			10/08/21 16:56	1
Cumene	0.98	U	0.98	0.18	ug/m3			10/08/21 16:56	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/08/21 16:56	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 16:56	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			10/08/21 16:56	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			10/08/21 16:56	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			10/08/21 16:56	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			10/08/21 16:56	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 16:56	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			10/08/21 16:56	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			10/08/21 16:56	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/08/21 16:56	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			10/08/21 16:56	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			10/08/21 16:56	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			10/08/21 16:56	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			10/08/21 16:56	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			10/08/21 16:56	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			10/08/21 16:56	1

Client Sample ID: IA-1_20210929

Lab Sample ID: 200-60355-1

Date Collected: 09/29/21 16:26
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.6	U	2.6	0.89	ug/m3			10/08/21 16:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13*	*J*	*ppb v/v*		*7.11*			*10/08/21 16:56*	*1*
Unknown	*1.9*	*J*	*ppb v/v*		*8.49*			*10/08/21 16:56*	*1*
Unknown	*1.1*	*J*	*ppb v/v*		*16.71*			*10/08/21 16:56*	*1*
Benzene, 1-chloro-4-(trifluoromethyl)-	*1.2*	*J N*	*ppb v/v*		*18.85*	*98-56-6*		*10/08/21 16:56*	*1*

Client Sample ID: IA-X_20210929

Lab Sample ID: 200-60355-2

Date Collected: 09/29/21 16:22
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.26**	**J**	0.50	0.11	ppb v/v			10/08/21 17:49	1
Chlorodifluoromethane	**0.16**	**J**	0.50	0.11	ppb v/v			10/08/21 17:49	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 17:49	1
Chloromethane	**0.34**	**J**	0.50	0.12	ppb v/v			10/08/21 17:49	1
n-Butane	**0.23**	**J**	0.50	0.19	ppb v/v			10/08/21 17:49	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			10/08/21 17:49	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			10/08/21 17:49	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			10/08/21 17:49	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			10/08/21 17:49	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			10/08/21 17:49	1
Trichlorofluoromethane	**0.14**	**J**	0.20	0.052	ppb v/v			10/08/21 17:49	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 17:49	1
1,1-Dichloroethene	0.035	U	0.035	0.029	ppb v/v			10/08/21 17:49	1
Acetone	**3.2**	**J**	5.0	2.0	ppb v/v			10/08/21 17:49	1
Isopropyl alcohol	**2.8**	**J**	5.0	0.98	ppb v/v			10/08/21 17:49	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/08/21 17:49	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			10/08/21 17:49	1
Methylene Chloride	**0.18**	**J**	0.50	0.17	ppb v/v			10/08/21 17:49	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/08/21 17:49	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			10/08/21 17:49	1
trans-1,2-Dichloroethene	**0.21**		0.20	0.088	ppb v/v			10/08/21 17:49	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			10/08/21 17:49	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			10/08/21 17:49	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			10/08/21 17:49	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			10/08/21 17:49	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			10/08/21 17:49	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			10/08/21 17:49	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			10/08/21 17:49	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			10/08/21 17:49	1
Carbon tetrachloride	**0.035**		0.035	0.032	ppb v/v			10/08/21 17:49	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			10/08/21 17:49	1
Benzene	0.20	U	0.20	0.074	ppb v/v			10/08/21 17:49	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			10/08/21 17:49	1

Client Sample ID: IA-X_20210929

Lab Sample ID: 200-60355-2

Date Collected: 09/29/21 16:22

Matrix: Air

Date Received: 10/01/21 11:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Heptane	0.20	U	0.20	0.059	ppb v/v			10/08/21 17:49	1
Trichloroethene	0.035	U	0.035	0.024	ppb v/v			10/08/21 17:49	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			10/08/21 17:49	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			10/08/21 17:49	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			10/08/21 17:49	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			10/08/21 17:49	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			10/08/21 17:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			10/08/21 17:49	1
Toluene	**0.44**		0.20	0.093	ppb v/v			10/08/21 17:49	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			10/08/21 17:49	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			10/08/21 17:49	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			10/08/21 17:49	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			10/08/21 17:49	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			10/08/21 17:49	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			10/08/21 17:49	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			10/08/21 17:49	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			10/08/21 17:49	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			10/08/21 17:49	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			10/08/21 17:49	1
Styrene	0.20	U	0.20	0.032	ppb v/v			10/08/21 17:49	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			10/08/21 17:49	1
Cumene	0.20	U	0.20	0.037	ppb v/v			10/08/21 17:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/08/21 17:49	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 17:49	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			10/08/21 17:49	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			10/08/21 17:49	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			10/08/21 17:49	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			10/08/21 17:49	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 17:49	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			10/08/21 17:49	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			10/08/21 17:49	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/08/21 17:49	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			10/08/21 17:49	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			10/08/21 17:49	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			10/08/21 17:49	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			10/08/21 17:49	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			10/08/21 17:49	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			10/08/21 17:49	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			10/08/21 17:49	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.3**	**J**	2.5	0.54	ug/m3			10/08/21 17:49	1
Chlorodifluoromethane	**0.56**	**J**	1.8	0.39	ug/m3			10/08/21 17:49	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			10/08/21 17:49	1
Chloromethane	**0.71**	**J**	1.0	0.25	ug/m3			10/08/21 17:49	1
n-Butane	**0.54**	**J**	1.2	0.45	ug/m3			10/08/21 17:49	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			10/08/21 17:49	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			10/08/21 17:49	1

Client Sample ID: IA-X_20210929
Lab Sample ID: 200-60355-2

Date Collected: 09/29/21 16:22
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.78	U	0.78	0.20	ug/m3			10/08/21 17:49	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			10/08/21 17:49	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			10/08/21 17:49	1
Trichlorofluoromethane	**0.80**	**J**	1.1	0.29	ug/m3			10/08/21 17:49	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			10/08/21 17:49	1
1,1-Dichloroethene	0.14	U	0.14	0.11	ug/m3			10/08/21 17:49	1
Acetone	**7.7**	**J**	12	4.8	ug/m3			10/08/21 17:49	1
Isopropyl alcohol	**6.9**	**J**	12	2.4	ug/m3			10/08/21 17:49	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			10/08/21 17:49	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			10/08/21 17:49	1
Methylene Chloride	**0.63**	**J**	1.7	0.59	ug/m3			10/08/21 17:49	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/08/21 17:49	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			10/08/21 17:49	1
trans-1,2-Dichloroethene	**0.82**		0.79	0.35	ug/m3			10/08/21 17:49	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			10/08/21 17:49	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			10/08/21 17:49	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			10/08/21 17:49	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			10/08/21 17:49	1
Chloroform	0.98	U	0.98	0.22	ug/m3			10/08/21 17:49	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			10/08/21 17:49	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			10/08/21 17:49	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			10/08/21 17:49	1
Carbon tetrachloride	**0.22**		0.22	0.20	ug/m3			10/08/21 17:49	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			10/08/21 17:49	1
Benzene	0.64	U	0.64	0.24	ug/m3			10/08/21 17:49	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			10/08/21 17:49	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			10/08/21 17:49	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			10/08/21 17:49	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			10/08/21 17:49	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			10/08/21 17:49	1
1,4-Dioxane	18	U	18	6.1	ug/m3			10/08/21 17:49	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			10/08/21 17:49	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			10/08/21 17:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			10/08/21 17:49	1
Toluene	**1.6**		0.75	0.35	ug/m3			10/08/21 17:49	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			10/08/21 17:49	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			10/08/21 17:49	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			10/08/21 17:49	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			10/08/21 17:49	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			10/08/21 17:49	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			10/08/21 17:49	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/08/21 17:49	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			10/08/21 17:49	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			10/08/21 17:49	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			10/08/21 17:49	1
Styrene	0.85	U	0.85	0.14	ug/m3			10/08/21 17:49	1
Bromoform	2.1	U	2.1	0.60	ug/m3			10/08/21 17:49	1
Cumene	0.98	U	0.98	0.18	ug/m3			10/08/21 17:49	1

Client Sample ID: IA-X_20210929

Lab Sample ID: 200-60355-2

Date Collected: 09/29/21 16:22
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/08/21 17:49	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 17:49	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			10/08/21 17:49	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			10/08/21 17:49	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			10/08/21 17:49	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			10/08/21 17:49	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 17:49	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			10/08/21 17:49	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			10/08/21 17:49	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/08/21 17:49	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			10/08/21 17:49	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			10/08/21 17:49	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			10/08/21 17:49	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			10/08/21 17:49	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			10/08/21 17:49	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			10/08/21 17:49	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			10/08/21 17:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1.0*	*J*	*ppb v/v*		*5.34*			*10/08/21 17:49*	*1*
Unknown	*13*	*J*	*ppb v/v*		*7.10*			*10/08/21 17:49*	*1*
Acetic acid, methyl ester	*1.8*	*J N*	*ppb v/v*		*8.49*	*79-20-9*		*10/08/21 17:49*	*1*
Cyclotrisiloxane, hexamethyl-	*12*	*J N*	*ppb v/v*		*16.71*	*541-05-9*		*10/08/21 17:49*	*1*
Benzene, 1-chloro-4-(trifluoromethyl)-	*1.3*	*J N*	*ppb v/v*		*18.86*	*98-56-6*		*10/08/21 17:49*	*1*

Client Sample ID: AA_20210929

Lab Sample ID: 200-60355-3

Date Collected: 09/29/21 17:09
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.23**	**J**	0.50	0.11	ppb v/v			10/08/21 18:45	1
Chlorodifluoromethane	**0.17**	**J**	0.50	0.11	ppb v/v			10/08/21 18:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 18:45	1
Chloromethane	**0.40**	**J**	0.50	0.12	ppb v/v			10/08/21 18:45	1
n-Butane	**0.35**	**J**	0.50	0.19	ppb v/v			10/08/21 18:45	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			10/08/21 18:45	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			10/08/21 18:45	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			10/08/21 18:45	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			10/08/21 18:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			10/08/21 18:45	1
Trichlorofluoromethane	**0.17**	**J**	0.20	0.052	ppb v/v			10/08/21 18:45	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 18:45	1
1,1-Dichloroethene	0.035	U	0.035	0.029	ppb v/v			10/08/21 18:45	1
Acetone	**2.4**	**J**	5.0	2.0	ppb v/v			10/08/21 18:45	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			10/08/21 18:45	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/08/21 18:45	1

Client Sample ID: AA_20210929

Lab Sample ID: 200-60355-3

Date Collected: 09/29/21 17:09

Matrix: Air

Date Received: 10/01/21 11:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			10/08/21 18:45	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			10/08/21 18:45	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/08/21 18:45	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			10/08/21 18:45	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			10/08/21 18:45	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			10/08/21 18:45	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			10/08/21 18:45	1
Methyl Ethyl Ketone (2-Butanone)	**0.32**	**J**	0.50	0.17	ppb v/v			10/08/21 18:45	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			10/08/21 18:45	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			10/08/21 18:45	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			10/08/21 18:45	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			10/08/21 18:45	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			10/08/21 18:45	1
Carbon tetrachloride	**0.044**		0.035	0.032	ppb v/v			10/08/21 18:45	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			10/08/21 18:45	1
Benzene	**0.087**	**J**	0.20	0.074	ppb v/v			10/08/21 18:45	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			10/08/21 18:45	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			10/08/21 18:45	1
Trichloroethene	0.035	U	0.035	0.024	ppb v/v			10/08/21 18:45	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			10/08/21 18:45	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			10/08/21 18:45	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			10/08/21 18:45	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			10/08/21 18:45	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			10/08/21 18:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.42**	**J**	0.50	0.19	ppb v/v			10/08/21 18:45	1
Toluene	**0.25**		0.20	0.093	ppb v/v			10/08/21 18:45	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			10/08/21 18:45	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			10/08/21 18:45	1
Tetrachloroethene	**0.33**		0.20	0.027	ppb v/v			10/08/21 18:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			10/08/21 18:45	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			10/08/21 18:45	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			10/08/21 18:45	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			10/08/21 18:45	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			10/08/21 18:45	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			10/08/21 18:45	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			10/08/21 18:45	1
Styrene	0.20	U	0.20	0.032	ppb v/v			10/08/21 18:45	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			10/08/21 18:45	1
Cumene	0.20	U	0.20	0.037	ppb v/v			10/08/21 18:45	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/08/21 18:45	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 18:45	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			10/08/21 18:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			10/08/21 18:45	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			10/08/21 18:45	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			10/08/21 18:45	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 18:45	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			10/08/21 18:45	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			10/08/21 18:45	1

Client Sample ID: AA_20210929

Date Collected: 09/29/21 17:09
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60355-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/08/21 18:45	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			10/08/21 18:45	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			10/08/21 18:45	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			10/08/21 18:45	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			10/08/21 18:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			10/08/21 18:45	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			10/08/21 18:45	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			10/08/21 18:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**	**J**	2.5	0.54	ug/m3			10/08/21 18:45	1
Chlorodifluoromethane	**0.60**	**J**	1.8	0.39	ug/m3			10/08/21 18:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			10/08/21 18:45	1
Chloromethane	**0.82**	**J**	1.0	0.25	ug/m3			10/08/21 18:45	1
n-Butane	**0.82**	**J**	1.2	0.45	ug/m3			10/08/21 18:45	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			10/08/21 18:45	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			10/08/21 18:45	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			10/08/21 18:45	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			10/08/21 18:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			10/08/21 18:45	1
Trichlorofluoromethane	**0.94**	**J**	1.1	0.29	ug/m3			10/08/21 18:45	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			10/08/21 18:45	1
1,1-Dichloroethene	0.14	U	0.14	0.11	ug/m3			10/08/21 18:45	1
Acetone	**5.7**	**J**	12	4.8	ug/m3			10/08/21 18:45	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			10/08/21 18:45	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			10/08/21 18:45	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			10/08/21 18:45	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			10/08/21 18:45	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/08/21 18:45	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			10/08/21 18:45	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			10/08/21 18:45	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			10/08/21 18:45	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			10/08/21 18:45	1
Methyl Ethyl Ketone (2-Butanone)	**0.95**	**J**	1.5	0.50	ug/m3			10/08/21 18:45	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			10/08/21 18:45	1
Chloroform	0.98	U	0.98	0.22	ug/m3			10/08/21 18:45	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			10/08/21 18:45	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			10/08/21 18:45	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			10/08/21 18:45	1
Carbon tetrachloride	**0.28**		0.22	0.20	ug/m3			10/08/21 18:45	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			10/08/21 18:45	1
Benzene	**0.28**	**J**	0.64	0.24	ug/m3			10/08/21 18:45	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			10/08/21 18:45	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			10/08/21 18:45	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			10/08/21 18:45	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			10/08/21 18:45	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			10/08/21 18:45	1
1,4-Dioxane	18	U	18	6.1	ug/m3			10/08/21 18:45	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			10/08/21 18:45	1

Client Sample ID: AA_20210929
Lab Sample ID: 200-60355-3

Date Collected: 09/29/21 17:09
Matrix: Air
Date Received: 10/01/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			10/08/21 18:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.7**	**J**	2.0	0.78	ug/m3			10/08/21 18:45	1
Toluene	**0.93**		0.75	0.35	ug/m3			10/08/21 18:45	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			10/08/21 18:45	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			10/08/21 18:45	1
Tetrachloroethene	**2.2**		1.4	0.18	ug/m3			10/08/21 18:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			10/08/21 18:45	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			10/08/21 18:45	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			10/08/21 18:45	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/08/21 18:45	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			10/08/21 18:45	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			10/08/21 18:45	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			10/08/21 18:45	1
Styrene	0.85	U	0.85	0.14	ug/m3			10/08/21 18:45	1
Bromoform	2.1	U	2.1	0.60	ug/m3			10/08/21 18:45	1
Cumene	0.98	U	0.98	0.18	ug/m3			10/08/21 18:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/08/21 18:45	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 18:45	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			10/08/21 18:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			10/08/21 18:45	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			10/08/21 18:45	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			10/08/21 18:45	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 18:45	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			10/08/21 18:45	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			10/08/21 18:45	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/08/21 18:45	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			10/08/21 18:45	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			10/08/21 18:45	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			10/08/21 18:45	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			10/08/21 18:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			10/08/21 18:45	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			10/08/21 18:45	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			10/08/21 18:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1.6*	*J*	*ppb v/v*		*7.13*			*10/08/21 18:45*	*1*
Unknown	*1.8*	*J*	*ppb v/v*		*10.83*			*10/08/21 18:45*	*1*

Default Detection Limits

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Method: TO-15 - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	0.20	0.039	ppb v/v
1,1,1-Trichloroethane	1.1	0.21	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.043	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2-Trichloroethane	0.20	0.034	ppb v/v
1,1,2-Trichloroethane	1.1	0.19	ug/m3
1,1,2-Trichlorotrifluoroethane	0.20	0.055	ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5	0.42	ug/m3
1,1-Dichloroethane	0.20	0.029	ppb v/v
1,1-Dichloroethane	0.81	0.12	ug/m3
1,1-Dichloroethene	0.035	0.029	ppb v/v
1,1-Dichloroethene	0.14	0.11	ug/m3
1,2,4-Trichlorobenzene	0.50	0.19	ppb v/v
1,2,4-Trichlorobenzene	3.7	1.4	ug/m3
1,2,4-Trimethylbenzene	0.20	0.047	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.23	ug/m3
1,2-Dibromoethane	0.20	0.046	ppb v/v
1,2-Dibromoethane	1.5	0.35	ug/m3
1,2-Dichlorobenzene	0.20	0.070	ppb v/v
1,2-Dichlorobenzene	1.2	0.42	ug/m3
1,2-Dichloroethane	0.20	0.15	ppb v/v
1,2-Dichloroethane	0.81	0.61	ug/m3
1,2-Dichloropropane	0.20	0.087	ppb v/v
1,2-Dichloropropane	0.92	0.40	ug/m3
1,2-Dichlorotetrafluoroethane	0.20	0.055	ppb v/v
1,2-Dichlorotetrafluoroethane	1.4	0.38	ug/m3
1,3,5-Trimethylbenzene	0.20	0.044	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.22	ug/m3
1,3-Butadiene	0.20	0.038	ppb v/v
1,3-Butadiene	0.44	0.084	ug/m3
1,3-Dichlorobenzene	0.20	0.089	ppb v/v
1,3-Dichlorobenzene	1.2	0.54	ug/m3
1,4-Dichlorobenzene	0.20	0.095	ppb v/v
1,4-Dichlorobenzene	1.2	0.57	ug/m3
1,4-Dioxane	5.0	1.7	ppb v/v
1,4-Dioxane	18	6.1	ug/m3
2,2,4-Trimethylpentane	0.20	0.035	ppb v/v
2,2,4-Trimethylpentane	0.93	0.16	ug/m3
2-Chlorotoluene	0.20	0.048	ppb v/v
2-Chlorotoluene	1.0	0.25	ug/m3
3-Chloropropene	0.50	0.11	ppb v/v
3-Chloropropene	1.6	0.34	ug/m3
4-Ethyltoluene	0.20	0.051	ppb v/v
4-Ethyltoluene	0.98	0.25	ug/m3
4-Isopropyltoluene	0.20	0.039	ppb v/v
4-Isopropyltoluene	1.1	0.21	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	0.19	ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.78	ug/m3
Acetone	5.0	2.0	ppb v/v
Acetone	12	4.8	ug/m3
Benzene	0.20	0.074	ppb v/v
Benzene	0.64	0.24	ug/m3
Benzyl chloride	0.20	0.074	ppb v/v

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	RL	MDL	Units
Benzyl chloride	1.0	0.38	ug/m3
Bromodichloromethane	0.20	0.040	ppb v/v
Bromodichloromethane	1.3	0.27	ug/m3
Bromoethene(Vinyl Bromide)	0.20	0.085	ppb v/v
Bromoethene(Vinyl Bromide)	0.87	0.37	ug/m3
Bromoform	0.20	0.058	ppb v/v
Bromoform	2.1	0.60	ug/m3
Bromomethane	0.20	0.052	ppb v/v
Bromomethane	0.78	0.20	ug/m3
Carbon disulfide	0.50	0.13	ppb v/v
Carbon disulfide	1.6	0.40	ug/m3
Carbon tetrachloride	0.035	0.032	ppb v/v
Carbon tetrachloride	0.22	0.20	ug/m3
Chlorobenzene	0.20	0.043	ppb v/v
Chlorobenzene	0.92	0.20	ug/m3
Chlorodifluoromethane	0.50	0.11	ppb v/v
Chlorodifluoromethane	1.8	0.39	ug/m3
Chloroethane	0.50	0.25	ppb v/v
Chloroethane	1.3	0.66	ug/m3
Chloroform	0.20	0.046	ppb v/v
Chloroform	0.98	0.22	ug/m3
Chloromethane	0.50	0.12	ppb v/v
Chloromethane	1.0	0.25	ug/m3
cis-1,2-Dichloroethene	0.050	0.033	ppb v/v
cis-1,2-Dichloroethene	0.20	0.13	ug/m3
cis-1,3-Dichloropropene	0.20	0.020	ppb v/v
cis-1,3-Dichloropropene	0.91	0.091	ug/m3
Cumene	0.20	0.037	ppb v/v
Cumene	0.98	0.18	ug/m3
Cyclohexane	0.20	0.035	ppb v/v
Cyclohexane	0.69	0.12	ug/m3
Dibromochloromethane	0.20	0.031	ppb v/v
Dibromochloromethane	1.7	0.26	ug/m3
Dichlorodifluoromethane	0.50	0.11	ppb v/v
Dichlorodifluoromethane	2.5	0.54	ug/m3
Ethylbenzene	0.20	0.10	ppb v/v
Ethylbenzene	0.87	0.43	ug/m3
Hexachlorobutadiene	0.20	0.031	ppb v/v
Hexachlorobutadiene	2.1	0.33	ug/m3
Isopropyl alcohol	5.0	0.98	ppb v/v
Isopropyl alcohol	12	2.4	ug/m3
m,p-Xylene	0.50	0.17	ppb v/v
m,p-Xylene	2.2	0.74	ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50	0.20	ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0	0.82	ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50	0.17	ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5	0.50	ug/m3
Methyl methacrylate	0.50	0.16	ppb v/v
Methyl methacrylate	2.0	0.66	ug/m3
Methyl tert-butyl ether	0.20	0.080	ppb v/v
Methyl tert-butyl ether	0.72	0.29	ug/m3
Methylene Chloride	0.50	0.17	ppb v/v
Methylene Chloride	1.7	0.59	ug/m3

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Analyte	RL	MDL	Units
Naphthalene	0.50	0.17	ppb v/v
Naphthalene	2.6	0.89	ug/m3
n-Butane	0.50	0.19	ppb v/v
n-Butane	1.2	0.45	ug/m3
n-Butylbenzene	0.20	0.055	ppb v/v
n-Butylbenzene	1.1	0.30	ug/m3
n-Heptane	0.20	0.059	ppb v/v
n-Heptane	0.82	0.24	ug/m3
n-Hexane	0.50	0.23	ppb v/v
n-Hexane	1.8	0.81	ug/m3
n-Propylbenzene	0.20	0.047	ppb v/v
n-Propylbenzene	0.98	0.23	ug/m3
o-Xylene	0.20	0.094	ppb v/v
o-Xylene	0.87	0.41	ug/m3
sec-Butylbenzene	0.20	0.039	ppb v/v
sec-Butylbenzene	1.1	0.21	ug/m3
Styrene	0.20	0.032	ppb v/v
Styrene	0.85	0.14	ug/m3
tert-Butyl alcohol	5.0	1.2	ppb v/v
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butylbenzene	0.20	0.037	ppb v/v
tert-Butylbenzene	1.1	0.20	ug/m3
Tetrachloroethene	0.20	0.027	ppb v/v
Tetrachloroethene	1.4	0.18	ug/m3
Tetrahydrofuran	5.0	1.2	ppb v/v
Tetrahydrofuran	15	3.5	ug/m3
Toluene	0.20	0.093	ppb v/v
Toluene	0.75	0.35	ug/m3
trans-1,2-Dichloroethene	0.20	0.088	ppb v/v
trans-1,2-Dichloroethene	0.79	0.35	ug/m3
trans-1,3-Dichloropropene	0.20	0.089	ppb v/v
trans-1,3-Dichloropropene	0.91	0.40	ug/m3
Trichloroethene	0.035	0.024	ppb v/v
Trichloroethene	0.19	0.13	ug/m3
Trichlorofluoromethane	0.20	0.052	ppb v/v
Trichlorofluoromethane	1.1	0.29	ug/m3
Vinyl chloride	0.078	0.028	ppb v/v
Vinyl chloride	0.20	0.072	ug/m3

Method: TO-15 - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 200-172389/4
Matrix: Air
Analysis Batch: 172389

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			10/08/21 11:42	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			10/08/21 11:42	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 11:42	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			10/08/21 11:42	1
n-Butane	0.50	U	0.50	0.19	ppb v/v			10/08/21 11:42	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			10/08/21 11:42	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			10/08/21 11:42	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			10/08/21 11:42	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			10/08/21 11:42	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			10/08/21 11:42	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			10/08/21 11:42	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			10/08/21 11:42	1
1,1-Dichloroethene	0.035	U	0.035	0.029	ppb v/v			10/08/21 11:42	1
Acetone	5.0	U	5.0	2.0	ppb v/v			10/08/21 11:42	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			10/08/21 11:42	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/08/21 11:42	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			10/08/21 11:42	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			10/08/21 11:42	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/08/21 11:42	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			10/08/21 11:42	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			10/08/21 11:42	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			10/08/21 11:42	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			10/08/21 11:42	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			10/08/21 11:42	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			10/08/21 11:42	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			10/08/21 11:42	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			10/08/21 11:42	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			10/08/21 11:42	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			10/08/21 11:42	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			10/08/21 11:42	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			10/08/21 11:42	1
Benzene	0.20	U	0.20	0.074	ppb v/v			10/08/21 11:42	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			10/08/21 11:42	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			10/08/21 11:42	1
Trichloroethene	0.035	U	0.035	0.024	ppb v/v			10/08/21 11:42	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			10/08/21 11:42	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			10/08/21 11:42	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			10/08/21 11:42	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			10/08/21 11:42	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			10/08/21 11:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			10/08/21 11:42	1
Toluene	0.20	U	0.20	0.093	ppb v/v			10/08/21 11:42	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			10/08/21 11:42	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			10/08/21 11:42	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			10/08/21 11:42	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			10/08/21 11:42	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			10/08/21 11:42	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			10/08/21 11:42	1

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 200-172389/4
Matrix: Air
Analysis Batch: 172389

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			10/08/21 11:42	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			10/08/21 11:42	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			10/08/21 11:42	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			10/08/21 11:42	1
Styrene	0.20	U	0.20	0.032	ppb v/v			10/08/21 11:42	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			10/08/21 11:42	1
Cumene	0.20	U	0.20	0.037	ppb v/v			10/08/21 11:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/08/21 11:42	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 11:42	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			10/08/21 11:42	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			10/08/21 11:42	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			10/08/21 11:42	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			10/08/21 11:42	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/08/21 11:42	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			10/08/21 11:42	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			10/08/21 11:42	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/08/21 11:42	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			10/08/21 11:42	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			10/08/21 11:42	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			10/08/21 11:42	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			10/08/21 11:42	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			10/08/21 11:42	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			10/08/21 11:42	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			10/08/21 11:42	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			10/08/21 11:42	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			10/08/21 11:42	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			10/08/21 11:42	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			10/08/21 11:42	1
n-Butane	1.2	U	1.2	0.45	ug/m3			10/08/21 11:42	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			10/08/21 11:42	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			10/08/21 11:42	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			10/08/21 11:42	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			10/08/21 11:42	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			10/08/21 11:42	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			10/08/21 11:42	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			10/08/21 11:42	1
1,1-Dichloroethene	0.14	U	0.14	0.11	ug/m3			10/08/21 11:42	1
Acetone	12	U	12	4.8	ug/m3			10/08/21 11:42	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			10/08/21 11:42	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			10/08/21 11:42	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			10/08/21 11:42	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			10/08/21 11:42	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/08/21 11:42	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			10/08/21 11:42	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			10/08/21 11:42	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			10/08/21 11:42	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			10/08/21 11:42	1

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 200-172389/4
Matrix: Air
Analysis Batch: 172389

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			10/08/21 11:42	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			10/08/21 11:42	1
Chloroform	0.98	U	0.98	0.22	ug/m3			10/08/21 11:42	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			10/08/21 11:42	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			10/08/21 11:42	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			10/08/21 11:42	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			10/08/21 11:42	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			10/08/21 11:42	1
Benzene	0.64	U	0.64	0.24	ug/m3			10/08/21 11:42	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			10/08/21 11:42	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			10/08/21 11:42	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			10/08/21 11:42	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			10/08/21 11:42	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			10/08/21 11:42	1
1,4-Dioxane	18	U	18	6.1	ug/m3			10/08/21 11:42	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			10/08/21 11:42	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			10/08/21 11:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			10/08/21 11:42	1
Toluene	0.75	U	0.75	0.35	ug/m3			10/08/21 11:42	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			10/08/21 11:42	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			10/08/21 11:42	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			10/08/21 11:42	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			10/08/21 11:42	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			10/08/21 11:42	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			10/08/21 11:42	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/08/21 11:42	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			10/08/21 11:42	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			10/08/21 11:42	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			10/08/21 11:42	1
Styrene	0.85	U	0.85	0.14	ug/m3			10/08/21 11:42	1
Bromoform	2.1	U	2.1	0.60	ug/m3			10/08/21 11:42	1
Cumene	0.98	U	0.98	0.18	ug/m3			10/08/21 11:42	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/08/21 11:42	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 11:42	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			10/08/21 11:42	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			10/08/21 11:42	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			10/08/21 11:42	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			10/08/21 11:42	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/08/21 11:42	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			10/08/21 11:42	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			10/08/21 11:42	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/08/21 11:42	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			10/08/21 11:42	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			10/08/21 11:42	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			10/08/21 11:42	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			10/08/21 11:42	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			10/08/21 11:42	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			10/08/21 11:42	1

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 200-172389/4
Matrix: Air
Analysis Batch: 172389

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.6	U	2.6	0.89	ug/m3			10/08/21 11:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ppb v/v*					*10/08/21 11:42*	*1*

Lab Sample ID: LCS 200-172389/3
Matrix: Air
Analysis Batch: 172389

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10.6	9.01		ppb v/v		85	61 - 142
Chlorodifluoromethane	10.6	8.65		ppb v/v		82	60 - 147
1,2-Dichlorotetrafluoroethane	10.6	9.55		ppb v/v		90	71 - 141
Chloromethane	9.94	9.13		ppb v/v		92	56 - 141
n-Butane	10.3	7.95		ppb v/v		77	53 - 151
Vinyl chloride	9.99	9.06		ppb v/v		91	61 - 135
1,3-Butadiene	9.70	8.57		ppb v/v		88	58 - 139
Bromomethane	10.4	10.2		ppb v/v		98	72 - 124
Chloroethane	10.6	9.15		ppb v/v		87	68 - 130
Bromoethene(Vinyl Bromide)	10.0	10.2		ppb v/v		101	75 - 125
Trichlorofluoromethane	10.4	8.90		ppb v/v		86	70 - 129
1,1,2-Trichlorotrifluoroethane	10.7	10.2		ppb v/v		96	70 - 121
1,1-Dichloroethene	10.2	10.3		ppb v/v		101	68 - 120
Acetone	10.4	9.15		ppb v/v		88	54 - 154
Isopropyl alcohol	10.2	9.60		ppb v/v		94	53 - 142
Carbon disulfide	10.4	10.2		ppb v/v		98	71 - 138
3-Chloropropene	10.7	9.29		ppb v/v		87	50 - 150
Methylene Chloride	10.2	8.85		ppb v/v		86	59 - 137
tert-Butyl alcohol	10.8	10.1		ppb v/v		94	66 - 132
Methyl tert-butyl ether	10.6	10.2		ppb v/v		96	70 - 127
trans-1,2-Dichloroethene	10.3	9.76		ppb v/v		94	69 - 137
n-Hexane	10.5	10.0		ppb v/v		96	63 - 138
1,1-Dichloroethane	10.3	9.37		ppb v/v		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10.4	11.9		ppb v/v		115	72 - 124
cis-1,2-Dichloroethene	10.4	11.8		ppb v/v		114	72 - 121
Chloroform	10.3	9.41		ppb v/v		91	73 - 124
Tetrahydrofuran	9.81	8.87		ppb v/v		90	60 - 149
1,1,1-Trichloroethane	10.3	9.16		ppb v/v		89	72 - 127
Cyclohexane	10.2	10.5		ppb v/v		102	76 - 124
Carbon tetrachloride	10.0	8.17		ppb v/v		81	71 - 133
2,2,4-Trimethylpentane	10.1	10.3		ppb v/v		102	68 - 131
Benzene	10.4	10.4		ppb v/v		100	73 - 119
1,2-Dichloroethane	10.5	8.75		ppb v/v		84	68 - 135
n-Heptane	10.3	9.52		ppb v/v		92	60 - 142
Trichloroethene	10.3	10.7		ppb v/v		104	73 - 122
Methyl methacrylate	10.2	10.5		ppb v/v		103	73 - 129
1,2-Dichloropropane	10.3	9.87		ppb v/v		95	69 - 128
1,4-Dioxane	10.3	11.4		ppb v/v		111	66 - 129

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 200-172389/3
Matrix: Air
Analysis Batch: 172389

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	10.3	9.66		ppb v/v		94	75 - 127
cis-1,3-Dichloropropene	9.94	9.88		ppb v/v		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.2	8.99		ppb v/v		88	58 - 144
Toluene	10.2	10.7		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	9.85	9.80		ppb v/v		99	74 - 128
1,1,2-Trichloroethane	10.5	10.5		ppb v/v		100	75 - 126
Tetrachloroethene	10.5	11.6		ppb v/v		110	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.1	9.83		ppb v/v		97	57 - 143
Dibromochloromethane	10.6	9.89		ppb v/v		93	73 - 125
1,2-Dibromoethane	10.7	11.4		ppb v/v		107	78 - 122
Chlorobenzene	10.5	11.0		ppb v/v		105	76 - 119
Ethylbenzene	10.2	10.6		ppb v/v		104	74 - 122
m,p-Xylene	20.0	22.5		ppb v/v		113	76 - 121
o-Xylene	10.4	11.2		ppb v/v		108	73 - 123
Styrene	10.3	11.6		ppb v/v		113	74 - 125
Bromoform	10.3	10.5		ppb v/v		102	53 - 149
Cumene	10.5	11.4		ppb v/v		109	73 - 123
1,1,2,2-Tetrachloroethane	10.3	10.4		ppb v/v		100	74 - 126
n-Propylbenzene	10.4	11.0		ppb v/v		106	73 - 127
4-Ethyltoluene	10.2	11.4		ppb v/v		111	75 - 129
1,3,5-Trimethylbenzene	10.5	11.2		ppb v/v		107	72 - 126
2-Chlorotoluene	10.4	10.8		ppb v/v		104	74 - 126
tert-Butylbenzene	10.4	11.1		ppb v/v		107	71 - 125
1,2,4-Trimethylbenzene	10.4	10.9		ppb v/v		104	71 - 129
sec-Butylbenzene	10.5	11.1		ppb v/v		106	70 - 128
4-Isopropyltoluene	10.5	11.1		ppb v/v		106	68 - 130
1,3-Dichlorobenzene	10.2	11.4		ppb v/v		112	69 - 131
1,4-Dichlorobenzene	10.4	11.7		ppb v/v		112	67 - 132
Benzyl chloride	10.2	10.8		ppb v/v		106	60 - 136
n-Butylbenzene	10.5	11.1		ppb v/v		106	65 - 137
1,2-Dichlorobenzene	10.8	11.0		ppb v/v		103	68 - 129
1,2,4-Trichlorobenzene	11.0	11.4		ppb v/v		104	50 - 150
Hexachlorobutadiene	10.8	9.95		ppb v/v		92	58 - 130
Naphthalene	10.5	10.3		ppb v/v		98	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52	44.5		ug/m3		85	61 - 142
Chlorodifluoromethane	37	30.6		ug/m3		82	60 - 147
1,2-Dichlorotetrafluoroethane	74	66.8		ug/m3		90	71 - 141
Chloromethane	21	18.9		ug/m3		92	56 - 141
n-Butane	24	18.9		ug/m3		77	53 - 151
Vinyl chloride	26	23.2		ug/m3		91	61 - 135
1,3-Butadiene	21	19.0		ug/m3		88	58 - 139
Bromomethane	40	39.6		ug/m3		98	72 - 124
Chloroethane	28	24.1		ug/m3		87	68 - 130
Bromoethene(Vinyl Bromide)	44	44.4		ug/m3		101	75 - 125
Trichlorofluoromethane	58	50.0		ug/m3		86	70 - 129

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 200-172389/3
Matrix: Air
Analysis Batch: 172389

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichlorotrifluoroethane	82	78.5		ug/m3		96	70 - 121
1,1-Dichloroethene	40	40.9		ug/m3		101	68 - 120
Acetone	25	21.7		ug/m3		88	54 - 154
Isopropyl alcohol	25	23.6		ug/m3		94	53 - 142
Carbon disulfide	32	31.6		ug/m3		98	71 - 138
3-Chloropropene	34	29.1		ug/m3		87	50 - 150
Methylene Chloride	36	30.7		ug/m3		86	59 - 137
tert-Butyl alcohol	33	30.6		ug/m3		94	66 - 132
Methyl tert-butyl ether	38	36.7		ug/m3		96	70 - 127
trans-1,2-Dichloroethene	41	38.7		ug/m3		94	69 - 137
n-Hexane	37	35.4		ug/m3		96	63 - 138
1,1-Dichloroethane	42	37.9		ug/m3		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	31	35.0		ug/m3		115	72 - 124
cis-1,2-Dichloroethene	41	46.7		ug/m3		114	72 - 121
Chloroform	50	45.9		ug/m3		91	73 - 124
Tetrahydrofuran	29	26.2		ug/m3		90	60 - 149
1,1,1-Trichloroethane	56	50.0		ug/m3		89	72 - 127
Cyclohexane	35	36.0		ug/m3		102	76 - 124
Carbon tetrachloride	63	51.4		ug/m3		81	71 - 133
2,2,4-Trimethylpentane	47	48.2		ug/m3		102	68 - 131
Benzene	33	33.2		ug/m3		100	73 - 119
1,2-Dichloroethane	42	35.4		ug/m3		84	68 - 135
n-Heptane	42	39.0		ug/m3		92	60 - 142
Trichloroethene	55	57.6		ug/m3		104	73 - 122
Methyl methacrylate	42	43.0		ug/m3		103	73 - 129
1,2-Dichloropropane	48	45.6		ug/m3		95	69 - 128
1,4-Dioxane	37	41.0		ug/m3		111	66 - 129
Bromodichloromethane	69	64.7		ug/m3		94	75 - 127
cis-1,3-Dichloropropene	45	44.8		ug/m3		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	42	36.8		ug/m3		88	58 - 144
Toluene	38	40.3		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	45	44.5		ug/m3		99	74 - 128
1,1,2-Trichloroethane	57	57.1		ug/m3		100	75 - 126
Tetrachloroethene	71	78.4		ug/m3		110	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	40.3		ug/m3		97	57 - 143
Dibromochloromethane	90	84.2		ug/m3		93	73 - 125
1,2-Dibromoethane	82	87.3		ug/m3		107	78 - 122
Chlorobenzene	48	50.5		ug/m3		105	76 - 119
Ethylbenzene	44	46.0		ug/m3		104	74 - 122
m,p-Xylene	87	97.8		ug/m3		113	76 - 121
o-Xylene	45	48.5		ug/m3		108	73 - 123
Styrene	44	49.5		ug/m3		113	74 - 125
Bromoform	110	108		ug/m3		102	53 - 149
Cumene	51	55.8		ug/m3		109	73 - 123
1,1,2,2-Tetrachloroethane	71	71.3		ug/m3		100	74 - 126
n-Propylbenzene	51	53.9		ug/m3		106	73 - 127

Method: TO-15 - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 200-172389/3
Matrix: Air
Analysis Batch: 172389

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Ethyltoluene	50	56.1		ug/m3		111	75 - 129
1,3,5-Trimethylbenzene	52	54.9		ug/m3		107	72 - 126
2-Chlorotoluene	54	56.0		ug/m3		104	74 - 126
tert-Butylbenzene	57	60.8		ug/m3		107	71 - 125
1,2,4-Trimethylbenzene	51	53.6		ug/m3		104	71 - 129
sec-Butylbenzene	57	61.0		ug/m3		106	70 - 128
4-Isopropyltoluene	58	61.0		ug/m3		106	68 - 130
1,3-Dichlorobenzene	61	68.7		ug/m3		112	69 - 131
1,4-Dichlorobenzene	63	70.3		ug/m3		112	67 - 132
Benzyl chloride	53	55.8		ug/m3		106	60 - 136
n-Butylbenzene	58	61.1		ug/m3		106	65 - 137
1,2-Dichlorobenzene	65	66.4		ug/m3		103	68 - 129
1,2,4-Trichlorobenzene	81	84.5		ug/m3		104	50 - 150
Hexachlorobutadiene	120	106		ug/m3		92	58 - 130
Naphthalene	55	53.7		ug/m3		98	50 - 150

QC Association Summary

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Air - GC/MS VOA

Analysis Batch: 172389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-60355-1	IA-1_20210929	Total/NA	Air	TO-15	
200-60355-2	IA-X_20210929	Total/NA	Air	TO-15	
200-60355-3	AA_20210929	Total/NA	Air	TO-15	
MB 200-172389/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-172389/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Client Sample ID: IA-1_20210929
Lab Sample ID: 200-60355-1
Date Collected: 09/29/21 16:26
Matrix: Air
Date Received: 10/01/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172389	10/08/21 16:56	A1B	TAL BUR

Client Sample ID: IA-X_20210929
Lab Sample ID: 200-60355-2
Date Collected: 09/29/21 16:22
Matrix: Air
Date Received: 10/01/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172389	10/08/21 17:49	A1B	TAL BUR

Client Sample ID: AA_20210929
Lab Sample ID: 200-60355-3
Date Collected: 09/29/21 17:09
Matrix: Air
Date Received: 10/01/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172389	10/08/21 18:45	A1B	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Laboratory: Eurofins TestAmerica, Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,4-Dioxane
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	m,p-Xylene
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

Method Summary

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds by GC/MS	EPA-21	TAL BUR

Protocol References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AKRF Inc
Project/Site: New City

Job ID: 200-60355-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-60355-1	IA-1_20210929	Air	09/29/21 16:26	10/01/21 11:00	Air Canister (6-Liter) #4820
200-60355-2	IA-X_20210929	Air	09/29/21 16:22	10/01/21 11:00	Air Canister (6-Liter) #4301
200-60355-3	AA_20210929	Air	09/29/21 17:09	10/01/21 11:00	Air Canister (6-Liter) #34001304

Quantitation Limit Exceptions Summary

Client: AKRF Inc
Job ID: 200-60355-1
Project/Site: New City

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
TO-15	1,1-Dichloroethene	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	Carbon tetrachloride	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	cis-1,2-Dichloroethene	Air	Total/NA	ppb v/v	0.050	0.20
TO-15	Trichloroethene	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	Vinyl chloride	Air	Total/NA	ppb v/v	0.078	0.20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 171376

Lab Sample ID: IC 200-171376/3 Client Sample ID:

Date Analyzed: 09/15/21 17:54 Lab File ID: 47557-003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	5.15	Incomplete Integration	bourdeaut	09/16/21 08:05
1,1-Dichloroethene	7.78	Incomplete Integration	bourdeaut	09/16/21 08:06
trans-1,2-Dichloroethene	9.21	Incomplete Integration	bourdeaut	09/16/21 08:07
cis-1,2-Dichloroethene	11.01	Incomplete Integration	bourdeaut	09/16/21 08:07
Carbon tetrachloride	12.15	Incomplete Integration	bourdeaut	09/16/21 08:08
Trichloroethene	13.67	Incomplete Integration	bourdeaut	09/16/21 08:08
Tetrachloroethene	17.04	Incomplete Integration	bourdeaut	09/16/21 08:09
Naphthalene	26.24	Incomplete Integration	bourdeaut	09/16/21 08:31

Lab Sample ID: IC 200-171376/5 Client Sample ID:

Date Analyzed: 09/15/21 19:41 Lab File ID: 47557-005.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	8.19	Incomplete Integration	bourdeaut	09/16/21 08:13
Acetonitrile	8.42	Baseline	bourdeaut	09/16/21 08:14
Acrylonitrile	9.14	Baseline	bourdeaut	09/16/21 08:14
Cyclohexane	12.01	Baseline	bourdeaut	09/16/21 08:15
4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.72	Baseline	bourdeaut	09/16/21 08:16
trans-1,3-Dichloropropene	16.45	Baseline	bourdeaut	09/16/21 08:16
Methyl Butyl Ketone (2-Hexanone)	17.34	Baseline	bourdeaut	09/16/21 08:16
o-Xylene	20.01	Baseline	bourdeaut	09/16/21 08:16

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 171376

Lab Sample ID: IC 200-171376/20 Client Sample ID:

Date Analyzed: 09/16/21 09:57 Lab File ID: 47557-020.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	6.72	Incomplete Integration	phamvu	09/16/21 10:54
tert-Butyl alcohol	9.04	Incomplete Integration	phamvu	09/16/21 10:54
trans-1,2-Dichloroethene	9.21	Incomplete Integration	phamvu	09/16/21 10:54
Ethanol		Invalid Compound ID	phamvu	09/16/21 10:54
n-Butanol		Invalid Compound ID	phamvu	09/16/21 10:55
cis-1,2-Dichloroethene	10.98	Incomplete Integration	phamvu	09/16/21 10:55
Chloroform	11.57	Incomplete Integration	phamvu	09/16/21 10:55
Cyclohexane	12.02	Incomplete Integration	phamvu	09/16/21 10:55
n-Heptane	13.03	Incomplete Integration	phamvu	09/16/21 10:55
1,2-Dichloropropane	14.13	Incomplete Integration	phamvu	09/16/21 10:55
Dibromomethane	14.29	Incomplete Integration	phamvu	09/16/21 10:56
cis-1,3-Dichloropropene	15.40	Incomplete Integration	phamvu	09/16/21 10:56
Toluene	16.04	Incomplete Integration	phamvu	09/16/21 10:56
trans-1,3-Dichloropropene	16.46	Incomplete Integration	phamvu	09/16/21 10:56
1,1,2-Trichloroethane	16.83	Incomplete Integration	phamvu	09/16/21 10:56
Methyl Butyl Ketone (2-Hexanone)	17.35	Incomplete Integration	phamvu	09/16/21 10:56
Ethylbenzene	18.98	Incomplete Integration	phamvu	09/16/21 10:57
Bromoform	20.41	Incomplete Integration	phamvu	09/16/21 10:57
Naphthalene	26.24	Baseline	bourdeaut	09/16/21 11:10

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 172389

Lab Sample ID: MB 200-172389/4 Client Sample ID:

Date Analyzed: 10/08/21 11:42 Lab File ID: 47894-004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzyl chloride		Invalid Compound ID	bunmaa	10/11/21 07:55
Carbon disulfide		Invalid Compound ID	bunmaa	10/11/21 07:54
Naphthalene		Invalid Compound ID	bunmaa	10/11/21 07:57
1,2-Dichlorobenzene	23.34	Assign Peak	bunmaa	10/11/21 07:56

Lab Sample ID: 200-60355-1 Client Sample ID: IA-1_20210929

Date Analyzed: 10/08/21 16:56 Lab File ID: 47894-010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	4.29	Assign Peak	bunmaa	10/11/21 08:55
Chloromethane	4.73	Assign Peak	bunmaa	10/11/21 08:55
Trichlorofluoromethane	6.72	Assign Peak	bunmaa	10/11/21 08:56
n-Hexane	9.73	Assign Peak	bunmaa	10/11/21 08:58
1,2,4-Trimethylbenzene		Invalid Compound ID	bunmaa	10/11/21 09:01
2,2,4-Trimethylpentane		Invalid Compound ID	bunmaa	10/11/21 09:00
Carbon disulfide		Invalid Compound ID	bunmaa	10/11/21 08:57
Cyclohexane		Invalid Compound ID	bunmaa	10/11/21 08:59
Ethylbenzene		Invalid Compound ID	bunmaa	10/11/21 09:01
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	bunmaa	10/11/21 08:58
n-Heptane		Invalid Compound ID	bunmaa	10/11/21 09:00
tert-Butyl alcohol		Invalid Compound ID	bunmaa	10/11/21 08:57
Benzene	12.50	Assign Peak	bunmaa	10/11/21 08:59
Tetrachloroethene	17.04	Assign Peak	bunmaa	10/11/21 09:00
m,p-Xylene	19.22	Assign Peak	bunmaa	10/11/21 09:01

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 172389

Lab Sample ID: 200-60355-2 Client Sample ID: IA-X_20210929

Date Analyzed: 10/08/21 17:49 Lab File ID: 47894-011.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	4.27	Assign Peak	bunmaa	10/11/21 09:04
n-Butane	5.01	Assign Peak	bunmaa	10/11/21 09:04
1,1,2-Trichlorotrifluoroethane	7.81	Assign Peak	bunmaa	10/11/21 09:05
Carbon disulfide	8.17	Assign Peak	bunmaa	10/11/21 09:06
1,2,4-Trimethylbenzene		Invalid Compound ID	bunmaa	10/11/21 09:09
2,2,4-Trimethylpentane		Invalid Compound ID	bunmaa	10/11/21 09:08
n-Heptane		Invalid Compound ID	bunmaa	10/11/21 09:08
n-Hexane		Invalid Compound ID	bunmaa	10/11/21 09:06
Styrene		Invalid Compound ID	bunmaa	10/11/21 09:09
trans-1,3-Dichloropropene		Invalid Compound ID	bunmaa	10/11/21 09:08
Benzene	12.49	Assign Peak	bunmaa	10/11/21 09:07

Lab Sample ID: 200-60355-3 Client Sample ID: AA_20210929

Date Analyzed: 10/08/21 18:45 Lab File ID: 47894-012.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	4.28	Assign Peak	bunmaa	10/11/21 09:23
Carbon disulfide	8.19	Assign Peak	bunmaa	10/11/21 09:25
Isopropyl alcohol	8.24	Assign Peak	bunmaa	10/11/21 09:24
2,2,4-Trimethylpentane		Invalid Compound ID	bunmaa	10/11/21 09:27
4-Ethyltoluene		Invalid Compound ID	bunmaa	10/11/21 09:28
Ethylbenzene		Invalid Compound ID	bunmaa	10/11/21 09:27
n-Hexane		Invalid Compound ID	bunmaa	10/11/21 09:25
Carbon tetrachloride	12.14	Assign Peak	bunmaa	10/11/21 09:26
Benzene	12.50	Assign Peak	bunmaa	10/11/21 09:26
m,p-Xylene	19.21	Assign Peak	bunmaa	10/11/21 09:27
1,2,4-Trimethylbenzene	22.30	Assign Peak	bunmaa	10/11/21 09:28

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00232	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00192	155 mL	1,1,1-Trichloroethane	0.204248 ppb v/v
							1,1,2,2-Tetrachloroethane	0.207255 ppb v/v
							1,1,2-Trichloroethane	0.210061 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.210261 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.206052 ppb v/v
							1,2,3-Trichlorobenzene	0.182801 ppb v/v
							1,2,3-Trichloropropane	0.212266 ppb v/v
							1,2,4-Trichlorobenzene	0.217677 ppb v/v
							1,2,4-Trimethylbenzene	0.208457 ppb v/v
							1,2-Dibromoethane	0.212666 ppb v/v
							1,2-Dichlorobenzene	0.209259 ppb v/v
							1,2-Dichloroethane	0.207655 ppb v/v
							1,2-Dichloropropane	0.206653 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.208658 ppb v/v
							1,3,5-Trimethylbenzene	0.208257 ppb v/v
							1,3-Butadiene	0.202845 ppb v/v
							1,3-Dichlorobenzene	0.212065 ppb v/v
							1,4-Dichlorobenzene	0.20986 ppb v/v
							1,4-Dioxane	0.212065 ppb v/v
							2,2,4-Trimethylpentane	0.20986 ppb v/v
							2-Chlorotoluene	0.209259 ppb v/v
							2-Methylbutane	0.209259 ppb v/v
							3-Chloropropene	0.213468 ppb v/v
							4-Ethyltoluene	0.207054 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	0.206653 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20525 ppb v/v
							Acetone	0.20525 ppb v/v
							Acetonitrile	0.198435 ppb v/v
							Acrolein	0.194827 ppb v/v
							Acrylonitrile	0.202645 ppb v/v
							Alpha Methyl Styrene	0.204448 ppb v/v
							Benzene	0.207054 ppb v/v
							Benzyl chloride	0.212065 ppb v/v
							Bromodichloromethane	0.211865 ppb v/v
							Bromoethene(Vinyl Bromide)	0.208858 ppb v/v
							Bromoform	0.206252 ppb v/v
							Bromomethane	0.206653 ppb v/v
							Carbon disulfide	0.203647 ppb v/v
							Carbon tetrachloride	0.203647 ppb v/v
							Chlorobenzene	0.210261 ppb v/v
							Chlorodifluoromethane	0.210061 ppb v/v
							Chloroethane	0.208257 ppb v/v
							Chloroform	0.202444 ppb v/v
							Chloromethane	0.21888 ppb v/v
							cis-1,2-Dichloroethene	0.202444 ppb v/v
							cis-1,3-Dichloropropene	0.208257 ppb v/v
							Cumene	0.209059 ppb v/v
							Cyclohexane	0.203446 ppb v/v
							Dibromochloromethane	0.194026 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	0.206453 ppb v/v
							Dichlorodifluoromethane	0.209259 ppb v/v
							Dodecane	0.187612 ppb v/v
							Ethyl acetate	0.203045 ppb v/v
							Ethyl ether	0.202043 ppb v/v
							Ethylbenzene	0.204849 ppb v/v
							Hexachlorobutadiene	0.205651 ppb v/v
							Isopropyl alcohol	0.204849 ppb v/v
							m,p-Xylene	0.412104 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.200239 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.207255 ppb v/v
							Methyl methacrylate	0.203647 ppb v/v
							Methyl tert-butyl ether	0.209459 ppb v/v
							Methylene Chloride	0.206052 ppb v/v
							n-Butane	0.207655 ppb v/v
							n-Butanol	0.19142 ppb v/v
							n-Butylbenzene	0.208257 ppb v/v
							n-Decane	0.208858 ppb v/v
							n-Heptane	0.210662 ppb v/v
							n-Hexane	0.212266 ppb v/v
							n-Nonane	0.210061 ppb v/v
							n-Octane	0.207054 ppb v/v
							n-Propylbenzene	0.208457 ppb v/v
							Naphthalene	0.194827 ppb v/v
							o-Xylene	0.207655 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	0.203045 ppb v/v
							Propene	0.206854 ppb v/v
							sec-Butylbenzene	0.20966 ppb v/v
							Styrene	0.206854 ppb v/v
							tert-Butyl alcohol	0.216074 ppb v/v
							tert-Butylbenzene	0.207655 ppb v/v
							Tetrachloroethene	0.210462 ppb v/v
							Tetrahydrofuran	0.200239 ppb v/v
							Toluene	0.203647 ppb v/v
							trans-1,2-Dichloroethene	0.204448 ppb v/v
							trans-1,3-Dichloropropene	0.198034 ppb v/v
							Trichloroethene	0.211063 ppb v/v
							Trichlorofluoromethane	0.211664 ppb v/v
							Undecane	0.20966 ppb v/v
							Vinyl acetate	0.208257 ppb v/v
							Vinyl chloride	0.208257 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00192	09/30/21	08/30/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00146	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00133	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
...ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
..ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00305	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00192	387 mL	1,1,1-Trichloroethane	0.509961 ppb v/v
							1,1,2,2-Tetrachloroethane	0.517468 ppb v/v
							1,1,2-Trichloroethane	0.524474 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.524975 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.514465 ppb v/v
							1,2,3-Trichlorobenzene	0.456413 ppb v/v
							1,2,3-Trichloropropane	0.529979 ppb v/v
							1,2,4-Trichlorobenzene	0.543492 ppb v/v
							1,2,4-Trimethylbenzene	0.520471 ppb v/v
							1,2-Dibromoethane	0.53098 ppb v/v
							1,2-Dichlorobenzene	0.522473 ppb v/v
							1,2-Dichloroethane	0.518469 ppb v/v
							1,2-Dichloropropane	0.515967 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.520971 ppb v/v
							1,3,5-Trimethylbenzene	0.51997 ppb v/v
							1,3-Butadiene	0.506458 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	0.529479 ppb v/v
							1,4-Dichlorobenzene	0.523974 ppb v/v
							1,4-Dioxane	0.529479 ppb v/v
							2,2,4-Trimethylpentane	0.523974 ppb v/v
							2-Chlorotoluene	0.522473 ppb v/v
							2-Methylbutane	0.522473 ppb v/v
							3-Chloropropene	0.532982 ppb v/v
							4-Ethyltoluene	0.516968 ppb v/v
							4-Isopropyltoluene	0.515967 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.512463 ppb v/v
							Acetone	0.512463 ppb v/v
							Acetonitrile	0.495448 ppb v/v
							Acrolein	0.48644 ppb v/v
							Acrylonitrile	0.505958 ppb v/v
							Alpha Methyl Styrene	0.510462 ppb v/v
							Benzene	0.516968 ppb v/v
							Benzyl chloride	0.529479 ppb v/v
							Bromodichloromethane	0.528978 ppb v/v
							Bromoethene(Vinyl Bromide)	0.521472 ppb v/v
							Bromoform	0.514966 ppb v/v
							Bromomethane	0.515967 ppb v/v
							Carbon disulfide	0.50846 ppb v/v
							Carbon tetrachloride	0.50846 ppb v/v
							Chlorobenzene	0.524975 ppb v/v
							Chlorodifluoromethane	0.524474 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	0.51997 ppb v/v
							Chloroform	0.505457 ppb v/v
							Chloromethane	0.546494 ppb v/v
							cis-1,2-Dichloroethene	0.505457 ppb v/v
							cis-1,3-Dichloropropene	0.51997 ppb v/v
							Cumene	0.521972 ppb v/v
							Cyclohexane	0.507959 ppb v/v
							Dibromochloromethane	0.484438 ppb v/v
							Dibromomethane	0.515466 ppb v/v
							Dichlorodifluoromethane	0.522473 ppb v/v
							Dodecane	0.468424 ppb v/v
							Ethyl acetate	0.506958 ppb v/v
							Ethyl ether	0.504456 ppb v/v
							Ethylbenzene	0.511463 ppb v/v
							Hexachlorobutadiene	0.513464 ppb v/v
							Isopropyl alcohol	0.511463 ppb v/v
							m,p-Xylene	1.02893 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.499952 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.517468 ppb v/v
							Methyl methacrylate	0.50846 ppb v/v
							Methyl tert-butyl ether	0.522973 ppb v/v
							Methylene Chloride	0.514465 ppb v/v
							n-Butane	0.518469 ppb v/v
							n-Butanol	0.477932 ppb v/v
							n-Butylbenzene	0.51997 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.521472 ppb v/v
							n-Heptane	0.525976 ppb v/v
							n-Hexane	0.529979 ppb v/v
							n-Nonane	0.524474 ppb v/v
							n-Octane	0.516968 ppb v/v
							n-Propylbenzene	0.520471 ppb v/v
							Naphthalene	0.48644 ppb v/v
							o-Xylene	0.518469 ppb v/v
							Pentane	0.506958 ppb v/v
							Propene	0.516467 ppb v/v
							sec-Butylbenzene	0.523473 ppb v/v
							Styrene	0.516467 ppb v/v
							tert-Butyl alcohol	0.539488 ppb v/v
							tert-Butylbenzene	0.518469 ppb v/v
							Tetrachloroethene	0.525475 ppb v/v
							Tetrahydrofuran	0.499952 ppb v/v
							Toluene	0.50846 ppb v/v
							trans-1,2-Dichloroethene	0.510462 ppb v/v
							trans-1,3-Dichloropropene	0.494447 ppb v/v
							Trichloroethene	0.526977 ppb v/v
							Trichlorofluoromethane	0.528478 ppb v/v
							Undecane	0.523473 ppb v/v
							Vinyl acetate	0.51997 ppb v/v
							Vinyl chloride	0.51997 ppb v/v
							Ethanol	5.01064 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00133	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00192	09/30/21	08/30/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00146	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00133	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
...ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
..ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00238	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00146	386 mL	1,1,1-Trichloroethane	5.08742 ppb v/v
							1,1,2,2-Tetrachloroethane	5.16231 ppb v/v
							1,1,2-Trichloroethane	5.23221 ppb v/v
							1,1,2-Trichlorotrifluoroethane	5.2372 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	5.13235 ppb v/v
							1,2,3-Trichlorobenzene	4.55322 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	5.28712 ppb v/v
							1,2,4-Trichlorobenzene	5.42192 ppb v/v
							1,2,4-Trimethylbenzene	5.19227 ppb v/v
							1,2-Dibromoethane	5.29711 ppb v/v
							1,2-Dichlorobenzene	5.21224 ppb v/v
							1,2-Dichloroethane	5.1723 ppb v/v
							1,2-Dichloropropane	5.14733 ppb v/v
							1,2-Dichlorotetrafluoroethane	5.19726 ppb v/v
							1,3,5-Trimethylbenzene	5.18727 ppb v/v
							1,3-Butadiene	5.05247 ppb v/v
							1,3-Dichlorobenzene	5.28213 ppb v/v
							1,4-Dichlorobenzene	5.22721 ppb v/v
							1,4-Dioxane	5.28213 ppb v/v
							2,2,4-Trimethylpentane	5.22721 ppb v/v
							2-Chlorotoluene	5.21224 ppb v/v
							2-Methylbutane	5.21224 ppb v/v
							3-Chloropropene	5.31708 ppb v/v
							4-Ethyltoluene	5.15732 ppb v/v
							4-Isopropyltoluene	5.14733 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.11238 ppb v/v
							Acetone	5.11238 ppb v/v
							Acetonitrile	4.94264 ppb v/v
							Acrolein	4.85277 ppb v/v
							Acrylonitrile	5.04748 ppb v/v
							Alpha Methyl Styrene	5.09241 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	5.15732 ppb v/v
							Benzyl chloride	5.28213 ppb v/v
							Bromodichloromethane	5.27714 ppb v/v
							Bromoethene(Vinyl Bromide)	5.20225 ppb v/v
							Bromoform	5.13735 ppb v/v
							Bromomethane	5.14733 ppb v/v
							Carbon disulfide	5.07244 ppb v/v
							Carbon tetrachloride	5.07244 ppb v/v
							Chlorobenzene	5.2372 ppb v/v
							Chlorodifluoromethane	5.23221 ppb v/v
							Chloroethane	5.18727 ppb v/v
							Chloroform	5.04249 ppb v/v
							Chloromethane	5.45188 ppb v/v
							cis-1,2-Dichloroethene	5.04249 ppb v/v
							cis-1,3-Dichloropropene	5.18727 ppb v/v
							Cumene	5.20724 ppb v/v
							Cyclohexane	5.06745 ppb v/v
							Dibromochloromethane	4.8328 ppb v/v
							Dibromomethane	5.14234 ppb v/v
							Dichlorodifluoromethane	5.21224 ppb v/v
							Dodecane	4.67304 ppb v/v
							Ethyl acetate	5.05747 ppb v/v
							Ethyl ether	5.0325 ppb v/v
							Ethylbenzene	5.1024 ppb v/v
							Hexachlorobutadiene	5.12237 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	5.1024 ppb v/v
							m,p-Xylene	10.2647 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.98757 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	5.16231 ppb v/v
							Methyl methacrylate	5.07244 ppb v/v
							Methyl tert-butyl ether	5.21723 ppb v/v
							Methylene Chloride	5.13235 ppb v/v
							n-Butane	5.1723 ppb v/v
							n-Butanol	4.7679 ppb v/v
							n-Butylbenzene	5.18727 ppb v/v
							n-Decane	5.20225 ppb v/v
							n-Heptane	5.24718 ppb v/v
							n-Hexane	5.28712 ppb v/v
							n-Nonane	5.23221 ppb v/v
							n-Octane	5.15732 ppb v/v
							n-Propylbenzene	5.19227 ppb v/v
							Naphthalene	4.85277 ppb v/v
							o-Xylene	5.1723 ppb v/v
							Pentane	5.05747 ppb v/v
							Propene	5.15232 ppb v/v
							sec-Butylbenzene	5.22222 ppb v/v
							Styrene	5.15232 ppb v/v
							tert-Butyl alcohol	5.38198 ppb v/v
							tert-Butylbenzene	5.1723 ppb v/v
							Tetrachloroethene	5.24219 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	4.98757 ppb v/v
							Toluene	5.07244 ppb v/v
							trans-1,2-Dichloroethene	5.09241 ppb v/v
							trans-1,3-Dichloropropene	4.93265 ppb v/v
							Trichloroethene	5.25717 ppb v/v
							Trichlorofluoromethane	5.27215 ppb v/v
							Undecane	5.22222 ppb v/v
							Vinyl acetate	5.18727 ppb v/v
							Vinyl chloride	5.18727 ppb v/v
					ATTO15EthCALw_00133	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00770	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00146	773 mL	1,1,1-Trichloroethane	10.188 ppb v/v
							1,1,2,2-Tetrachloroethane	10.338 ppb v/v
							1,1,2-Trichloroethane	10.478 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.488 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	10.278 ppb v/v
							1,2,3-Trichlorobenzene	9.11823 ppb v/v
							1,2,3-Trichloropropane	10.5879 ppb v/v
							1,2,4-Trichlorobenzene	10.8579 ppb v/v
							1,2,4-Trimethylbenzene	10.398 ppb v/v
							1,2-Dibromoethane	10.6079 ppb v/v
							1,2-Dichlorobenzene	10.438 ppb v/v
							1,2-Dichloroethane	10.358 ppb v/v
							1,2-Dichloropropane	10.308 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.408 ppb v/v
							1,3,5-Trimethylbenzene	10.388 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	10.118 ppb v/v
							1,3-Dichlorobenzene	10.5779 ppb v/v
							1,4-Dichlorobenzene	10.468 ppb v/v
							1,4-Dioxane	10.5779 ppb v/v
							2,2,4-Trimethylpentane	10.468 ppb v/v
							2-Chlorotoluene	10.438 ppb v/v
							2-Methylbutane	10.438 ppb v/v
							3-Chloropropene	10.6479 ppb v/v
							4-Ethyltoluene	10.328 ppb v/v
							4-Isopropyltoluene	10.308 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.238 ppb v/v
							Acetone	10.238 ppb v/v
							Acetonitrile	9.89808 ppb v/v
							Acrolein	9.71811 ppb v/v
							Acrylonitrile	10.108 ppb v/v
							Alpha Methyl Styrene	10.198 ppb v/v
							Benzene	10.328 ppb v/v
							Benzyl chloride	10.5779 ppb v/v
							Bromodichloromethane	10.5679 ppb v/v
							Bromoethene(Vinyl Bromide)	10.418 ppb v/v
							Bromoform	10.288 ppb v/v
							Bromomethane	10.308 ppb v/v
							Carbon disulfide	10.158 ppb v/v
							Carbon tetrachloride	10.158 ppb v/v
							Chlorobenzene	10.488 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	10.478 ppb v/v
							Chloroethane	10.388 ppb v/v
							Chloroform	10.098 ppb v/v
							Chloromethane	10.9179 ppb v/v
							cis-1,2-Dichloroethene	10.098 ppb v/v
							cis-1,3-Dichloropropene	10.388 ppb v/v
							Cumene	10.428 ppb v/v
							Cyclohexane	10.148 ppb v/v
							Dibromochloromethane	9.67812 ppb v/v
							Dibromomethane	10.298 ppb v/v
							Dichlorodifluoromethane	10.438 ppb v/v
							Dodecane	9.35818 ppb v/v
							Ethyl acetate	10.128 ppb v/v
							Ethyl ether	10.078 ppb v/v
							Ethylbenzene	10.218 ppb v/v
							Hexachlorobutadiene	10.258 ppb v/v
							Isopropyl alcohol	10.218 ppb v/v
							m,p-Xylene	20.556 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.98806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.338 ppb v/v
							Methyl methacrylate	10.158 ppb v/v
							Methyl tert-butyl ether	10.448 ppb v/v
							Methylene Chloride	10.278 ppb v/v
							n-Butane	10.358 ppb v/v
							n-Butanol	9.54815 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	10.388 ppb v/v
							n-Decane	10.418 ppb v/v
							n-Heptane	10.508 ppb v/v
							n-Hexane	10.5879 ppb v/v
							n-Nonane	10.478 ppb v/v
							n-Octane	10.328 ppb v/v
							n-Propylbenzene	10.398 ppb v/v
							Naphthalene	9.71811 ppb v/v
							o-Xylene	10.358 ppb v/v
							Pentane	10.128 ppb v/v
							Propene	10.318 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.318 ppb v/v
							tert-Butyl alcohol	10.7779 ppb v/v
							tert-Butylbenzene	10.358 ppb v/v
							Tetrachloroethene	10.498 ppb v/v
							Tetrahydrofuran	9.98806 ppb v/v
							Toluene	10.158 ppb v/v
							trans-1,2-Dichloroethene	10.198 ppb v/v
							trans-1,3-Dichloropropene	9.87808 ppb v/v
							Trichloroethene	10.528 ppb v/v
							Trichlorofluoromethane	10.558 ppb v/v
							Undecane	10.458 ppb v/v
							Vinyl acetate	10.388 ppb v/v
							Vinyl chloride	10.388 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00133	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL4w_00770	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00146	773 mL	1,2-Dichloroethene, Total	20.2961 ppb v/v
							Xylenes, Total	30.914 ppb v/v
.ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,2-Dichloroethene, Total	406 ppb v/v
							Xylenes, Total	618.4 ppb v/v
..ATTO15CALs_00042	12/13/21	Linde, Lot CC-237336			(Purchased Reagent)		1,2-Dichloroethene, Total	2.03 ppm v/v
							Xylenes, Total	3.092 ppm v/v
ATTO15CAL4w_00771	10/15/21	09/15/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00147	773 mL	1,1,1-Trichloroethane	10.188 ppb v/v
							1,1,2,2-Tetrachloroethane	10.338 ppb v/v
							1,1,2-Trichloroethane	10.478 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.488 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	10.278 ppb v/v
							1,2,4-Trichlorobenzene	10.8579 ppb v/v
							1,2,4-Trimethylbenzene	10.398 ppb v/v
							1,2-Dibromoethane	10.6079 ppb v/v
							1,2-Dichlorobenzene	10.438 ppb v/v
							1,2-Dichloroethane	10.358 ppb v/v
							1,2-Dichloroethene, Total	20.2961 ppb v/v
							1,2-Dichloropropane	10.308 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.408 ppb v/v
							1,3,5-Trimethylbenzene	10.388 ppb v/v
							1,3-Butadiene	10.118 ppb v/v
							1,3-Dichlorobenzene	10.5779 ppb v/v
							1,4-Dichlorobenzene	10.468 ppb v/v
							1,4-Dioxane	10.5779 ppb v/v
							2,2,4-Trimethylpentane	10.468 ppb v/v
							2-Chlorotoluene	10.438 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	10.6479 ppb v/v
							4-Ethyltoluene	10.328 ppb v/v
							4-Isopropyltoluene	10.308 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.238 ppb v/v
							Acetone	10.238 ppb v/v
							Acrylonitrile	10.108 ppb v/v
							Alpha Methyl Styrene	10.198 ppb v/v
							Benzene	10.328 ppb v/v
							Benzyl chloride	10.5779 ppb v/v
							Bromodichloromethane	10.5679 ppb v/v
							Bromoethene(Vinyl Bromide)	10.418 ppb v/v
							Bromoform	10.288 ppb v/v
							Bromomethane	10.308 ppb v/v
							Carbon disulfide	10.158 ppb v/v
							Carbon tetrachloride	10.158 ppb v/v
							Chlorobenzene	10.488 ppb v/v
							Chlorodifluoromethane	10.478 ppb v/v
							Chloroethane	10.388 ppb v/v
							Chloroform	10.098 ppb v/v
							Chloromethane	10.9179 ppb v/v
							cis-1,2-Dichloroethene	10.098 ppb v/v
							cis-1,3-Dichloropropene	10.388 ppb v/v
							Cumene	10.428 ppb v/v
							Cyclohexane	10.148 ppb v/v
							Dibromochloromethane	9.67812 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	10.298 ppb v/v
							Dichlorodifluoromethane	10.438 ppb v/v
							Ethyl acetate	10.128 ppb v/v
							Ethyl ether	10.078 ppb v/v
							Ethylbenzene	10.218 ppb v/v
							Hexachlorobutadiene	10.258 ppb v/v
							Isopropyl alcohol	10.218 ppb v/v
							m,p-Xylene	20.556 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.98806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.338 ppb v/v
							Methyl methacrylate	10.158 ppb v/v
							Methyl tert-butyl ether	10.448 ppb v/v
							Methylene Chloride	10.278 ppb v/v
							n-Butane	10.358 ppb v/v
							n-Butylbenzene	10.388 ppb v/v
							n-Decane	10.418 ppb v/v
							n-Heptane	10.508 ppb v/v
							n-Hexane	10.5879 ppb v/v
							n-Nonane	10.478 ppb v/v
							n-Propylbenzene	10.398 ppb v/v
							Naphthalene	9.71811 ppb v/v
							o-Xylene	10.358 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.318 ppb v/v
							tert-Butyl alcohol	10.7779 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	10.358 ppb v/v
							Tetrachloroethene	10.498 ppb v/v
							Tetrahydrofuran	9.98806 ppb v/v
							Toluene	10.158 ppb v/v
							trans-1,2-Dichloroethene	10.198 ppb v/v
							trans-1,3-Dichloropropene	9.87808 ppb v/v
							Trichloroethene	10.528 ppb v/v
							Trichlorofluoromethane	10.558 ppb v/v
							Vinyl chloride	10.388 ppb v/v
							Xylenes, Total	30.914 ppb v/v
					ATTO15EthCALw_00134	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00147	12/13/21	09/14/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloroethene, Total	406 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Vinyl chloride	207.8 ppb v/v
							Xylenes, Total	618.4 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloroethene, Total	2.03 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Vinyl chloride	1.039 ppm v/v
							Xylenes, Total	3.092 ppm v/v
.ATTO15EthCALw_00134	12/15/21	09/15/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL6w_00192	09/30/21	08/30/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00146	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00133	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00109	09/30/21	08/30/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00146	3092 mL	1,1,1-Trichloroethane	40.7521 ppb v/v
							1,1,2,2-Tetrachloroethane	41.352 ppb v/v
							1,1,2-Trichloroethane	41.9119 ppb v/v
							1,1,2-Trichlorotrifluoroethane	41.9519 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	41.112 ppb v/v
							1,2,3-Trichlorobenzene	36.4729 ppb v/v
							1,2,3-Trichloropropane	42.3518 ppb v/v
							1,2,4-Trichlorobenzene	43.4316 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	41.5919 ppb v/v
							1,2-Dibromoethane	42.4318 ppb v/v
							1,2-Dichlorobenzene	41.7519 ppb v/v
							1,2-Dichloroethane	41.432 ppb v/v
							1,2-Dichloropropane	41.232 ppb v/v
							1,2-Dichlorotetrafluoroethane	41.6319 ppb v/v
							1,3,5-Trimethylbenzene	41.5519 ppb v/v
							1,3-Butadiene	40.4721 ppb v/v
							1,3-Dichlorobenzene	42.3118 ppb v/v
							1,4-Dichlorobenzene	41.8719 ppb v/v
							1,4-Dioxane	42.3118 ppb v/v
							2,2,4-Trimethylpentane	41.8719 ppb v/v
							2-Chlorotoluene	41.7519 ppb v/v
							2-Methylbutane	41.7519 ppb v/v
							3-Chloropropene	42.5917 ppb v/v
							4-Ethyltoluene	41.312 ppb v/v
							4-Isopropyltoluene	41.232 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	40.9521 ppb v/v
							Acetone	40.9521 ppb v/v
							Acetonitrile	39.5923 ppb v/v
							Acrolein	38.8725 ppb v/v
							Acrylonitrile	40.4322 ppb v/v
							Alpha Methyl Styrene	40.7921 ppb v/v
							Benzene	41.312 ppb v/v
							Benzyl chloride	42.3118 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	42.2718 ppb v/v
							Bromoethene(Vinyl Bromide)	41.6719 ppb v/v
							Bromoform	41.152 ppb v/v
							Bromomethane	41.232 ppb v/v
							Carbon disulfide	40.6321 ppb v/v
							Carbon tetrachloride	40.6321 ppb v/v
							Chlorobenzene	41.9519 ppb v/v
							Chlorodifluoromethane	41.9119 ppb v/v
							Chloroethane	41.5519 ppb v/v
							Chloroform	40.3922 ppb v/v
							Chloromethane	43.6715 ppb v/v
							cis-1,2-Dichloroethene	40.3922 ppb v/v
							cis-1,3-Dichloropropene	41.5519 ppb v/v
							Cumene	41.7119 ppb v/v
							Cyclohexane	40.5921 ppb v/v
							Dibromochloromethane	38.7125 ppb v/v
							Dibromomethane	41.192 ppb v/v
							Dichlorodifluoromethane	41.7519 ppb v/v
							Dodecane	37.4327 ppb v/v
							Ethyl acetate	40.5121 ppb v/v
							Ethyl ether	40.3122 ppb v/v
							Ethylbenzene	40.8721 ppb v/v
							Hexachlorobutadiene	41.032 ppb v/v
							Isopropyl alcohol	40.8721 ppb v/v
							m,p-Xylene	82.224 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	39.9522 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	41.352 ppb v/v
							Methyl methacrylate	40.6321 ppb v/v
							Methyl tert-butyl ether	41.7919 ppb v/v
							Methylene Chloride	41.112 ppb v/v
							n-Butane	41.432 ppb v/v
							n-Butanol	38.1926 ppb v/v
							n-Butylbenzene	41.5519 ppb v/v
							n-Decane	41.6719 ppb v/v
							n-Heptane	42.0318 ppb v/v
							n-Hexane	42.3518 ppb v/v
							n-Nonane	41.9119 ppb v/v
							n-Octane	41.312 ppb v/v
							n-Propylbenzene	41.5919 ppb v/v
							Naphthalene	38.8725 ppb v/v
							o-Xylene	41.432 ppb v/v
							Pentane	40.5121 ppb v/v
							Propene	41.272 ppb v/v
							sec-Butylbenzene	41.8319 ppb v/v
							Styrene	41.272 ppb v/v
							tert-Butyl alcohol	43.1116 ppb v/v
							tert-Butylbenzene	41.432 ppb v/v
							Tetrachloroethene	41.9919 ppb v/v
							Tetrahydrofuran	39.9522 ppb v/v
							Toluene	40.6321 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	40.7921 ppb v/v
							trans-1,3-Dichloropropene	39.5123 ppb v/v
							Trichloroethene	42.1118 ppb v/v
							Trichlorofluoromethane	42.2318 ppb v/v
							Undecane	41.8319 ppb v/v
							Vinyl acetate	41.5519 ppb v/v
							Vinyl chloride	41.5519 ppb v/v
					ATTO15EthCALw_00133	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00146	11/26/21	08/25/21	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00042	7500 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15LCSW_00830	10/03/21	09/03/21	Nitrogen, Lot 13	15.463 L	ATTO15EthCALw_00133	454 mL	Ethanol	14.6802 ppb v/v
					ATTO15LCSSTKi_00121	773 mL	1,1,1-Trichloroethane	10.318 ppb v/v
							1,1,2,2-Tetrachloroethane	10.348 ppb v/v
							1,1,2-Trichloroethane	10.488 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.6779 ppb v/v
							1,1-Dichloroethane	10.268 ppb v/v
							1,1-Dichloroethene	10.188 ppb v/v
							1,2,3-Trichloropropane	10.6379 ppb v/v
							1,2,4-Trichlorobenzene	10.9779 ppb v/v
							1,2,4-Trimethylbenzene	10.438 ppb v/v
							1,2-Dibromoethane	10.6579 ppb v/v
							1,2-Dichlorobenzene	10.7579 ppb v/v
							1,2-Dichloroethane	10.458 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	10.348 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.5879 ppb v/v
							1,3,5-Trimethylbenzene	10.488 ppb v/v
							1,3-Butadiene	9.69812 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	10.168 ppb v/v
							1,4-Dichlorobenzene	10.398 ppb v/v
							1,4-Dioxane	10.288 ppb v/v
							2,2,4-Trimethylpentane	10.138 ppb v/v
							2-Chlorotoluene	10.428 ppb v/v
							3-Chloropropene	10.7279 ppb v/v
							4-Ethyltoluene	10.248 ppb v/v
							4-Isopropyltoluene	10.498 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.188 ppb v/v
							Acetone	10.428 ppb v/v
							Acrylonitrile	10.188 ppb v/v
							Alpha Methyl Styrene	10.158 ppb v/v
							Benzene	10.388 ppb v/v
							Benzyl chloride	10.158 ppb v/v
							Bromodichloromethane	10.288 ppb v/v
							Bromoethene(Vinyl Bromide)	10.0481 ppb v/v
							Bromoform	10.298 ppb v/v
							Bromomethane	10.398 ppb v/v
							Carbon disulfide	10.358 ppb v/v
							Carbon tetrachloride	10.0481 ppb v/v
							Chlorobenzene	10.498 ppb v/v
							Chlorodifluoromethane	10.5779 ppb v/v
							Chloroethane	10.5679 ppb v/v
							Chloroform	10.318 ppb v/v
							Chloromethane	9.93807 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	10.368 ppb v/v
							cis-1,3-Dichloropropene	9.93807 ppb v/v
							Cumene	10.458 ppb v/v
							Cyclohexane	10.218 ppb v/v
							Dibromochloromethane	10.5979 ppb v/v
							Dibromomethane	10.338 ppb v/v
							Dichlorodifluoromethane	10.5779 ppb v/v
							Ethyl ether	10.228 ppb v/v
							Ethylbenzene	10.228 ppb v/v
							Hexachlorobutadiene	10.8479 ppb v/v
							Isopropyl alcohol	10.168 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10.108 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.358 ppb v/v
							Methyl methacrylate	10.208 ppb v/v
							Methyl tert-butyl ether	10.558 ppb v/v
							Methylene Chloride	10.248 ppb v/v
							n-Butane	10.298 ppb v/v
							n-Butylbenzene	10.508 ppb v/v
							n-Decane	10.338 ppb v/v
							n-Heptane	10.308 ppb v/v
							n-Hexane	10.468 ppb v/v
							n-Nonane	10.468 ppb v/v
							n-Propylbenzene	10.358 ppb v/v
							Naphthalene	10.498 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	10.368 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.278 ppb v/v
							tert-Butyl alcohol	10.7979 ppb v/v
							tert-Butylbenzene	10.398 ppb v/v
							Tetrachloroethene	10.468 ppb v/v
							Tetrahydrofuran	9.8081 ppb v/v
							Toluene	10.198 ppb v/v
							trans-1,2-Dichloroethene	10.328 ppb v/v
							trans-1,3-Dichloropropene	9.84809 ppb v/v
							Trichloroethene	10.288 ppb v/v
							Trichlorofluoromethane	10.408 ppb v/v
							Vinyl chloride	9.98806 ppb v/v
							Xylenes, Total	29.9942 ppb v/v
.ATTO15EthCALw_00133	11/26/21	08/26/21	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15LCSSTKi_00121	12/14/21	09/02/21	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00043	7500 mL	1,1,1-Trichloroethane	206.4 ppb v/v
							1,1,2,2-Tetrachloroethane	207 ppb v/v
							1,1,2-Trichloroethane	209.8 ppb v/v
							1,1,2-Trichlorotrifluoroethane	213.6 ppb v/v
							1,1-Dichloroethane	205.4 ppb v/v
							1,1-Dichloroethene	203.8 ppb v/v
							1,2,3-Trichloropropane	212.8 ppb v/v
							1,2,4-Trichlorobenzene	219.6 ppb v/v
							1,2,4-Trimethylbenzene	208.8 ppb v/v
							1,2-Dibromoethane	213.2 ppb v/v
							1,2-Dichlorobenzene	215.2 ppb v/v
							1,2-Dichloroethane	209.2 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	207 ppb v/v
							1,2-Dichlorotetrafluoroethane	211.8 ppb v/v
							1,3,5-Trimethylbenzene	209.8 ppb v/v
							1,3-Butadiene	194 ppb v/v
							1,3-Dichlorobenzene	203.4 ppb v/v
							1,4-Dichlorobenzene	208 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	205.8 ppb v/v
							2,2,4-Trimethylpentane	202.8 ppb v/v
							2-Chlorotoluene	208.6 ppb v/v
							3-Chloropropene	214.6 ppb v/v
							4-Ethyltoluene	205 ppb v/v
							4-Isopropyltoluene	210 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	203.8 ppb v/v
							Acetone	208.6 ppb v/v
							Acrylonitrile	203.8 ppb v/v
							Alpha Methyl Styrene	203.2 ppb v/v
							Benzene	207.8 ppb v/v
							Benzyl chloride	203.2 ppb v/v
							Bromodichloromethane	205.8 ppb v/v
							Bromoethene(Vinyl Bromide)	201 ppb v/v
							Bromoform	206 ppb v/v
							Bromomethane	208 ppb v/v
							Carbon disulfide	207.2 ppb v/v
							Carbon tetrachloride	201 ppb v/v
							Chlorobenzene	210 ppb v/v
							Chlorodifluoromethane	211.6 ppb v/v
							Chloroethane	211.4 ppb v/v
							Chloroform	206.4 ppb v/v
							Chloromethane	198.8 ppb v/v
							cis-1,2-Dichloroethene	207.4 ppb v/v
							cis-1,3-Dichloropropene	198.8 ppb v/v
							Cumene	209.2 ppb v/v
							Cyclohexane	204.4 ppb v/v
							Dibromochloromethane	212 ppb v/v
							Dibromomethane	206.8 ppb v/v
							Dichlorodifluoromethane	211.6 ppb v/v
							Ethyl ether	204.6 ppb v/v
							Ethylbenzene	204.6 ppb v/v
							Hexachlorobutadiene	217 ppb v/v
							Isopropyl alcohol	203.4 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	202.2 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	207.2 ppb v/v
							Methyl methacrylate	204.2 ppb v/v
							Methyl tert-butyl ether	211.2 ppb v/v
							Methylene Chloride	205 ppb v/v
							n-Butane	206 ppb v/v
							n-Butylbenzene	210.2 ppb v/v
							n-Decane	206.8 ppb v/v
							n-Heptane	206.2 ppb v/v
							n-Hexane	209.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	209.4 ppb v/v
							n-Propylbenzene	207.2 ppb v/v
							Naphthalene	210 ppb v/v
							o-Xylene	207.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	205.6 ppb v/v
							tert-Butyl alcohol	216 ppb v/v
							tert-Butylbenzene	208 ppb v/v
							Tetrachloroethene	209.4 ppb v/v
							Tetrahydrofuran	196.2 ppb v/v
							Toluene	204 ppb v/v
							trans-1,2-Dichloroethene	206.6 ppb v/v
							trans-1,3-Dichloropropene	197 ppb v/v
							Trichloroethene	205.8 ppb v/v
							Trichlorofluoromethane	208.2 ppb v/v
							Vinyl chloride	199.8 ppb v/v
							Xylenes, Total	600 ppb v/v
..ATTO15CALs_00043	12/14/21		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1.032 ppm v/v
							1,1,2,2-Tetrachloroethane	1.035 ppm v/v
							1,1,2-Trichloroethane	1.049 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.068 ppm v/v
							1,1-Dichloroethane	1.027 ppm v/v
							1,1-Dichloroethene	1.019 ppm v/v
							1,2,3-Trichloropropane	1.064 ppm v/v
							1,2,4-Trichlorobenzene	1.098 ppm v/v
							1,2,4-Trimethylbenzene	1.044 ppm v/v
							1,2-Dibromoethane	1.066 ppm v/v
							1,2-Dichlorobenzene	1.076 ppm v/v
							1,2-Dichloroethane	1.046 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1.035 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.059 ppm v/v
							1,3,5-Trimethylbenzene	1.049 ppm v/v
							1,3-Butadiene	0.97 ppm v/v
							1,3-Dichlorobenzene	1.017 ppm v/v
							1,4-Dichlorobenzene	1.04 ppm v/v
							1,4-Dioxane	1.029 ppm v/v
							2,2,4-Trimethylpentane	1.014 ppm v/v
							2-Chlorotoluene	1.043 ppm v/v
							3-Chloropropene	1.073 ppm v/v
							4-Ethyltoluene	1.025 ppm v/v
							4-Isopropyltoluene	1.05 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.019 ppm v/v
							Acetone	1.043 ppm v/v
							Acrylonitrile	1.019 ppm v/v
							Alpha Methyl Styrene	1.016 ppm v/v
							Benzene	1.039 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1.016 ppm v/v
							Bromodichloromethane	1.029 ppm v/v
							Bromoethene(Vinyl Bromide)	1.005 ppm v/v
							Bromoform	1.03 ppm v/v
							Bromomethane	1.04 ppm v/v
							Carbon disulfide	1.036 ppm v/v
							Carbon tetrachloride	1.005 ppm v/v
							Chlorobenzene	1.05 ppm v/v
							Chlorodifluoromethane	1.058 ppm v/v
							Chloroethane	1.057 ppm v/v
							Chloroform	1.032 ppm v/v
							Chloromethane	0.994 ppm v/v
							cis-1,2-Dichloroethene	1.037 ppm v/v
							cis-1,3-Dichloropropene	0.994 ppm v/v
							Cumene	1.046 ppm v/v
							Cyclohexane	1.022 ppm v/v
							Dibromochloromethane	1.06 ppm v/v
							Dibromomethane	1.034 ppm v/v
							Dichlorodifluoromethane	1.058 ppm v/v
							Ethyl ether	1.023 ppm v/v
							Ethylbenzene	1.023 ppm v/v
							Hexachlorobutadiene	1.085 ppm v/v
							Isopropyl alcohol	1.017 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1.011 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.036 ppm v/v
							Methyl methacrylate	1.021 ppm v/v
							Methyl tert-butyl ether	1.056 ppm v/v
							Methylene Chloride	1.025 ppm v/v
							n-Butane	1.03 ppm v/v
							n-Butylbenzene	1.051 ppm v/v
							n-Decane	1.034 ppm v/v
							n-Heptane	1.031 ppm v/v
							n-Hexane	1.047 ppm v/v
							n-Nonane	1.047 ppm v/v
							n-Propylbenzene	1.036 ppm v/v
							Naphthalene	1.05 ppm v/v
							o-Xylene	1.037 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.028 ppm v/v
							tert-Butyl alcohol	1.08 ppm v/v
							tert-Butylbenzene	1.04 ppm v/v
							Tetrachloroethene	1.047 ppm v/v
							Tetrahydrofuran	0.981 ppm v/v
							Toluene	1.02 ppm v/v
							trans-1,2-Dichloroethene	1.033 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	0.985 ppm v/v
							Trichloroethene	1.029 ppm v/v
							Trichlorofluoromethane	1.041 ppm v/v
							Vinyl chloride	0.999 ppm v/v
							Xylenes, Total	3 ppm v/v
ATTO15LCSW_00831	11/04/21	10/04/21	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00121	773 mL	1,1,1-Trichloroethane	10.318 ppb v/v
							1,1,2,2-Tetrachloroethane	10.348 ppb v/v
							1,1,2-Trichloroethane	10.488 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.6779 ppb v/v
							1,1-Dichloroethane	10.268 ppb v/v
							1,1-Dichloroethene	10.188 ppb v/v
							1,2,4-Trichlorobenzene	10.9779 ppb v/v
							1,2,4-Trimethylbenzene	10.438 ppb v/v
							1,2-Dibromoethane	10.6579 ppb v/v
							1,2-Dichlorobenzene	10.7579 ppb v/v
							1,2-Dichloroethane	10.458 ppb v/v
							1,2-Dichloropropane	10.348 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.5879 ppb v/v
							1,3,5-Trimethylbenzene	10.488 ppb v/v
							1,3-Butadiene	9.69812 ppb v/v
							1,3-Dichlorobenzene	10.168 ppb v/v
							1,4-Dichlorobenzene	10.398 ppb v/v
							1,4-Dioxane	10.288 ppb v/v
							2,2,4-Trimethylpentane	10.138 ppb v/v
							2-Chlorotoluene	10.428 ppb v/v
							3-Chloropropene	10.7279 ppb v/v
							4-Ethyltoluene	10.248 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	10.498 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.188 ppb v/v
							Acetone	10.428 ppb v/v
							Benzene	10.388 ppb v/v
							Benzyl chloride	10.158 ppb v/v
							Bromodichloromethane	10.288 ppb v/v
							Bromoethene(Vinyl Bromide)	10.0481 ppb v/v
							Bromoform	10.298 ppb v/v
							Bromomethane	10.398 ppb v/v
							Carbon disulfide	10.358 ppb v/v
							Carbon tetrachloride	10.0481 ppb v/v
							Chlorobenzene	10.498 ppb v/v
							Chlorodifluoromethane	10.5779 ppb v/v
							Chloroethane	10.5679 ppb v/v
							Chloroform	10.318 ppb v/v
							Chloromethane	9.93807 ppb v/v
							cis-1,2-Dichloroethene	10.368 ppb v/v
							cis-1,3-Dichloropropene	9.93807 ppb v/v
							Cumene	10.458 ppb v/v
							Cyclohexane	10.218 ppb v/v
							Dibromochloromethane	10.5979 ppb v/v
							Dichlorodifluoromethane	10.5779 ppb v/v
							Ethylbenzene	10.228 ppb v/v
							Hexachlorobutadiene	10.8479 ppb v/v
							Isopropyl alcohol	10.168 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10.108 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.358 ppb v/v
							Methyl methacrylate	10.208 ppb v/v
							Methyl tert-butyl ether	10.558 ppb v/v
							Methylene Chloride	10.248 ppb v/v
							n-Butane	10.298 ppb v/v
							n-Butylbenzene	10.508 ppb v/v
							n-Heptane	10.308 ppb v/v
							n-Hexane	10.468 ppb v/v
							n-Propylbenzene	10.358 ppb v/v
							Naphthalene	10.498 ppb v/v
							o-Xylene	10.368 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.278 ppb v/v
							tert-Butyl alcohol	10.7979 ppb v/v
							tert-Butylbenzene	10.398 ppb v/v
							Tetrachloroethene	10.468 ppb v/v
							Tetrahydrofuran	9.8081 ppb v/v
							Toluene	10.198 ppb v/v
							trans-1,2-Dichloroethene	10.328 ppb v/v
							trans-1,3-Dichloropropene	9.84809 ppb v/v
							Trichloroethene	10.288 ppb v/v
							Trichlorofluoromethane	10.408 ppb v/v
							Vinyl chloride	9.98806 ppb v/v
.ATTO15LCSSTKi_00121	12/14/21	09/02/21	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00043	7500 mL	1,1,1-Trichloroethane	206.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	207 ppb v/v
							1,1,2-Trichloroethane	209.8 ppb v/v
							1,1,2-Trichlorotrifluoroethane	213.6 ppb v/v
							1,1-Dichloroethane	205.4 ppb v/v
							1,1-Dichloroethene	203.8 ppb v/v
							1,2,4-Trichlorobenzene	219.6 ppb v/v
							1,2,4-Trimethylbenzene	208.8 ppb v/v
							1,2-Dibromoethane	213.2 ppb v/v
							1,2-Dichlorobenzene	215.2 ppb v/v
							1,2-Dichloroethane	209.2 ppb v/v
							1,2-Dichloropropane	207 ppb v/v
							1,2-Dichlorotetrafluoroethane	211.8 ppb v/v
							1,3,5-Trimethylbenzene	209.8 ppb v/v
							1,3-Butadiene	194 ppb v/v
							1,3-Dichlorobenzene	203.4 ppb v/v
							1,4-Dichlorobenzene	208 ppb v/v
							1,4-Dioxane	205.8 ppb v/v
							2,2,4-Trimethylpentane	202.8 ppb v/v
							2-Chlorotoluene	208.6 ppb v/v
							3-Chloropropene	214.6 ppb v/v
							4-Ethyltoluene	205 ppb v/v
							4-Isopropyltoluene	210 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	203.8 ppb v/v
							Acetone	208.6 ppb v/v
							Benzene	207.8 ppb v/v
							Benzyl chloride	203.2 ppb v/v
							Bromodichloromethane	205.8 ppb v/v
							Bromoethene(Vinyl Bromide)	201 ppb v/v
							Bromoform	206 ppb v/v
							Bromomethane	208 ppb v/v
							Carbon disulfide	207.2 ppb v/v
							Carbon tetrachloride	201 ppb v/v
							Chlorobenzene	210 ppb v/v
							Chlorodifluoromethane	211.6 ppb v/v
							Chloroethane	211.4 ppb v/v
							Chloroform	206.4 ppb v/v
							Chloromethane	198.8 ppb v/v
							cis-1,2-Dichloroethene	207.4 ppb v/v
							cis-1,3-Dichloropropene	198.8 ppb v/v
							Cumene	209.2 ppb v/v
							Cyclohexane	204.4 ppb v/v
							Dibromochloromethane	212 ppb v/v
							Dichlorodifluoromethane	211.6 ppb v/v
							Ethylbenzene	204.6 ppb v/v
							Hexachlorobutadiene	217 ppb v/v
							Isopropyl alcohol	203.4 ppb v/v
							m,p-Xylene	400 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	202.2 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	207.2 ppb v/v
							Methyl methacrylate	204.2 ppb v/v
							Methyl tert-butyl ether	211.2 ppb v/v
							Methylene Chloride	205 ppb v/v
							n-Butane	206 ppb v/v
							n-Butylbenzene	210.2 ppb v/v
							n-Heptane	206.2 ppb v/v
							n-Hexane	209.4 ppb v/v
							n-Propylbenzene	207.2 ppb v/v
							Naphthalene	210 ppb v/v
							o-Xylene	207.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	205.6 ppb v/v
							tert-Butyl alcohol	216 ppb v/v
							tert-Butylbenzene	208 ppb v/v
							Tetrachloroethene	209.4 ppb v/v
							Tetrahydrofuran	196.2 ppb v/v
							Toluene	204 ppb v/v
							trans-1,2-Dichloroethene	206.6 ppb v/v
							trans-1,3-Dichloropropene	197 ppb v/v
							Trichloroethene	205.8 ppb v/v
							Trichlorofluoromethane	208.2 ppb v/v
							Vinyl chloride	199.8 ppb v/v
..ATTO15CALs_00043	12/14/21		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1.032 ppm v/v
							1,1,2,2-Tetrachloroethane	1.035 ppm v/v
							1,1,2-Trichloroethane	1.049 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.068 ppm v/v
							1,1-Dichloroethane	1.027 ppm v/v
							1,1-Dichloroethene	1.019 ppm v/v
							1,2,4-Trichlorobenzene	1.098 ppm v/v
							1,2,4-Trimethylbenzene	1.044 ppm v/v
							1,2-Dibromoethane	1.066 ppm v/v
							1,2-Dichlorobenzene	1.076 ppm v/v
							1,2-Dichloroethane	1.046 ppm v/v
							1,2-Dichloropropane	1.035 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.059 ppm v/v
							1,3,5-Trimethylbenzene	1.049 ppm v/v
							1,3-Butadiene	0.97 ppm v/v
							1,3-Dichlorobenzene	1.017 ppm v/v
							1,4-Dichlorobenzene	1.04 ppm v/v
							1,4-Dioxane	1.029 ppm v/v
							2,2,4-Trimethylpentane	1.014 ppm v/v
							2-Chlorotoluene	1.043 ppm v/v
							3-Chloropropene	1.073 ppm v/v
							4-Ethyltoluene	1.025 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	1.05 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.019 ppm v/v
							Acetone	1.043 ppm v/v
							Benzene	1.039 ppm v/v
							Benzyl chloride	1.016 ppm v/v
							Bromodichloromethane	1.029 ppm v/v
							Bromoethene(Vinyl Bromide)	1.005 ppm v/v
							Bromoform	1.03 ppm v/v
							Bromomethane	1.04 ppm v/v
							Carbon disulfide	1.036 ppm v/v
							Carbon tetrachloride	1.005 ppm v/v
							Chlorobenzene	1.05 ppm v/v
							Chlorodifluoromethane	1.058 ppm v/v
							Chloroethane	1.057 ppm v/v
							Chloroform	1.032 ppm v/v
							Chloromethane	0.994 ppm v/v
							cis-1,2-Dichloroethene	1.037 ppm v/v
							cis-1,3-Dichloropropene	0.994 ppm v/v
							Cumene	1.046 ppm v/v
							Cyclohexane	1.022 ppm v/v
							Dibromochloromethane	1.06 ppm v/v
							Dichlorodifluoromethane	1.058 ppm v/v
							Ethylbenzene	1.023 ppm v/v
							Hexachlorobutadiene	1.085 ppm v/v
							Isopropyl alcohol	1.017 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1.011 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.036 ppm v/v
							Methyl methacrylate	1.021 ppm v/v
							Methyl tert-butyl ether	1.056 ppm v/v
							Methylene Chloride	1.025 ppm v/v
							n-Butane	1.03 ppm v/v
							n-Butylbenzene	1.051 ppm v/v
							n-Heptane	1.031 ppm v/v
							n-Hexane	1.047 ppm v/v
							n-Propylbenzene	1.036 ppm v/v
							Naphthalene	1.05 ppm v/v
							o-Xylene	1.037 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.028 ppm v/v
							tert-Butyl alcohol	1.08 ppm v/v
							tert-Butylbenzene	1.04 ppm v/v
							Tetrachloroethene	1.047 ppm v/v
							Tetrahydrofuran	0.981 ppm v/v
							Toluene	1.02 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	1.033 ppm v/v
							trans-1,3-Dichloropropene	0.985 ppm v/v
							Trichloroethene	1.029 ppm v/v
							Trichlorofluoromethane	1.041 ppm v/v
							Vinyl chloride	0.999 ppm v/v
ATTO15WISs_00009							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							Acetic acid, methyl ester	
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Total Alkanes	
							Xylenes, Total	

Reagent

1gEthanol_00004

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER	N-11885-1G
LOT NUMBER	12173500
DATE CERTIFIED	08/21/19
EXPIRATION DATE	08/30/25
CAS NUMBER	64-17-5
MOLECULAR FORMULA	C2H6O
MOLECULAR WEIGHT	46.07
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/TCD)	99.5
% PURITY (GC/FID)	100.0
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
PHYSICAL APPEARANCE	COLORLESS LIQUID
% PURITY	99.8
ISO 17034:2016	CERTIFIED REFERENCE MATERIAL

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Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

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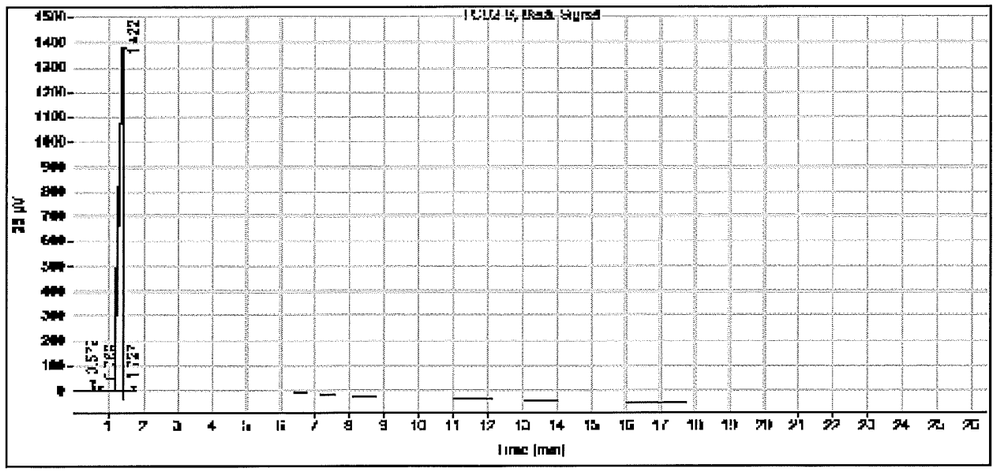
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0718\SIG2022556.D

Sample name: N-11885 NEAT TCD

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 11:37:41 AM	**Location:**	Vial 101
Acq. method:	N-11885 TCD.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: TCD2 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.572	BB	0.0212	35.3817	25.4750	0.3006
0.769	BB	0.0375	16.7108	5.8171	0.1420
1.422	BB	0.1103	11708.3486	1361.3082	99.4587
1.727	BB	0.0260	11.6247	7.1305	0.0987
		Sum	11772.0658		

PJLA Testing

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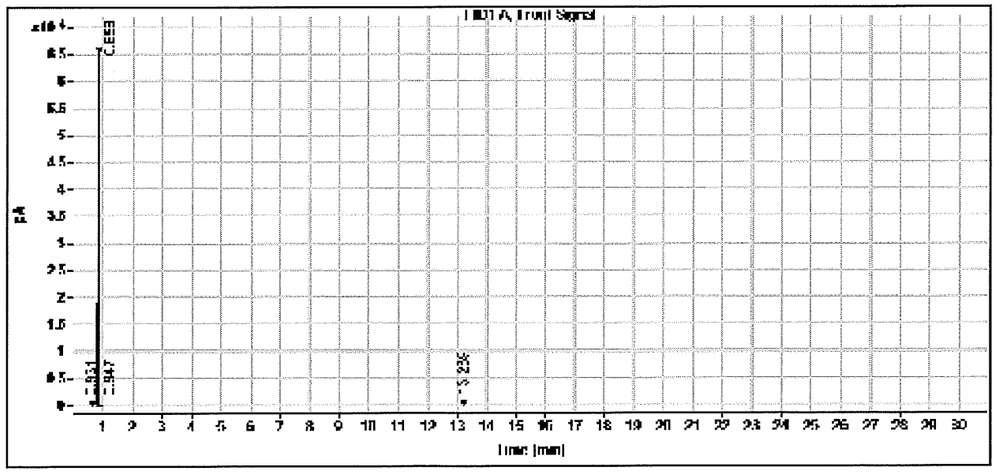
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

Sample name: N-11885 neat

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 3:39:30 AM	**Location:**	Vial 101
Acq. method:	N-11885.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.6672	0.0185
0.868	BB S	0.0287	148490.7656	65443.6719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
		Sum	148518.4729		

PJLA Testing

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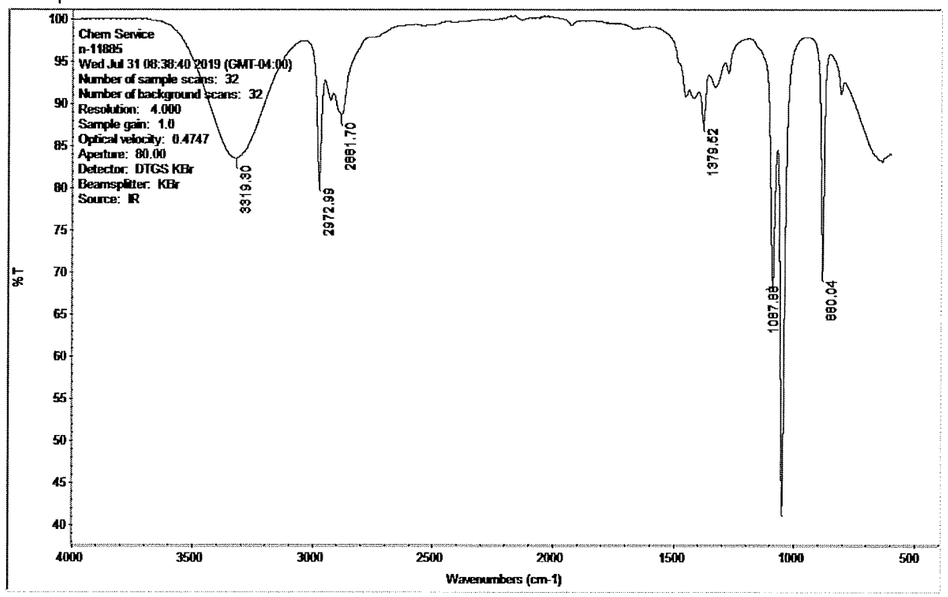
CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	N-11885-1G
Description:	Ethyl alcohol
Lot Number:	12173500
Expiration Date:	08/30/25



PJLA Testing

Reagent

ATTO15CALs_00042

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,1,1-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2,2-Tetrachloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloro-1,2,2-trifluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloro-1,1,2,2-tetrafluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethene, Total	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
1,2-Dichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3,5-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,4-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,4-Dioxane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Butanone (MEK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Chlorotoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Hexanone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methyl-2-propanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methylbutane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
3-Chloro-1-propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Ethyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Isopropyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Methyl-2-pentanone (MIBK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrolein	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrylonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Alpha Methyl Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Bromoform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Bromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C6 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C8 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon disulfide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon tetrachloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Cyclohexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dichlorobromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Dichlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dodecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylene Dibromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexachlorobutadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isooctane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropyl alcohol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl methacrylate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl tert-butyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methylene Chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
m-Xylene & p-Xylene	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
Naphthalene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
n-Decane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Heptane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Nonane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Octane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
N-Propylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
o-Xylene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Pentane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
sec-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
tert-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrachloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrahydrofuran	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Trichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Trichlorofluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Undecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl bromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Xylenes, Total	40MXTANKDP_00008	11/25/2021	3.00000	ppm v/v	600.00000	ppb v/v

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
40MXTANKDP_00008	Tank D Mega primary	ASTD	11/25/21	Linde	CC-118524	PO:US11382328	7.34000	psi abs

4700 Precision Diluter Standards Preparation Report

Dilution ID: 399

Canister Size: 15000cc **Canister ID:** SN# 1652 **Target Final Psia:** 36.7

Comment: 200 ppb v/v Burlington Recert

Date: 12/7/2020 10:39:34 AM

Report ID: 343746

Prepared By: AFB

343746

ID: 40XX200tankD_00001

Exp: 02/07/21 Prpd: AFB Crt: 12/07/20

200ppb v/v Tank D Bur Rec

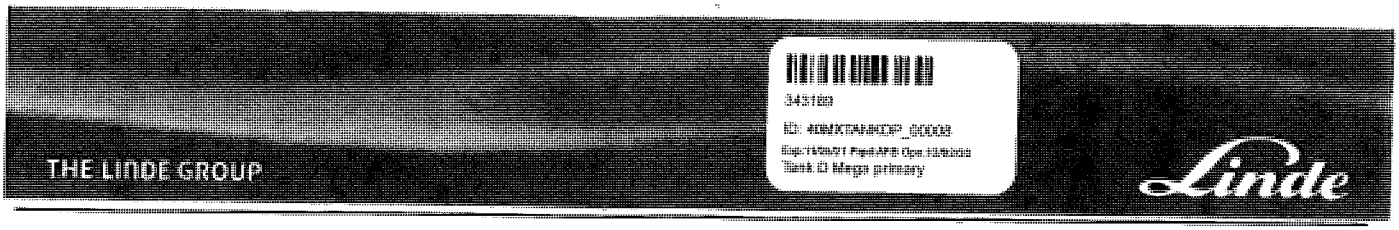
Channel Methods

Ch.	Title	Init. Conc.	Target Conc.	Dilution Factor	Init. Psia	Target Psid	Final Psid	Target Psia	Final Psia	Duration	Final Conc.
1	Diluent	100 percent	100 percent	1	0.32	11.64	11.64	11.96	11.96	00:11:48	N/A
3	D Mega Pri	1000 ppb	200 ppb	5	11.96	7.28	7.28	19.24	19.24	00:19:34	200.1 ppb
1	Diluent	100 percent	100 percent	1	19.24	17.46	17.46	36.70	36.70	00:18:04	N/A

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

Ch.	Source	Init. Conc.	Cylinder ID	Expiration Date	Notes
1	Diluent	100 percent		12/31/2021	
3	D Mega Pri	1000 ppb		11/25/2021	



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5815 Middlebrook Pike
Knoxville, TN 37921

Tank D to 12/2/20

ANALYSIS REPORT

Sales#:	117401727
Production#:	1523772
Report Date:	Nov-24-2020
P.O.# :	US113823280
Blend Type:	QUALIFIED
Material#:	24106776
Traceability:	NIST by weight
Expiration Date:	Nov-24-2021
Do NOT use under:	150 psig

Cylinder Size:	152 (8" X 47.5")
Cylinder # :	CC-118524
Cylinder Pressure:	1700 psig
Cylinder Valve:	CGA 350 / Steel
Cylinder Volume:	29.5 Liter
Cylinder Material:	Aluminum
Gas Volume:	3400 Liters
Blend Tolerance:	10% Relative
Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.04 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.06 ppm
Freon-12	75-71-8	1.00 ppm	1.03 ppm
Chloromethane	74-87-3	1.00 ppm	1.04 ppm
Freon-114	76-14-2	1.00 ppm	1.03 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.81 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.04 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile (No Stability Guarantee)	75-05-8	1.00 ppm	1.00 ppm
Acrolein	107-02-8	1.00 ppm	0.99 ppm
Isopentane	78-78-4	1.00 ppm	1.03 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.04 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.03 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.05 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.03 ppm
Freon-113	76-13-1	1.00 ppm	1.03 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.04 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.03 ppm

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PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.10 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.04 ppm
Hexane	110-54-3	1.00 ppm	1.03 ppm
Chloroform	67-66-3	1.00 ppm	1.04 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.02 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.03 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.02 ppm
Cyclohexane	110-82-7	1.00 ppm	1.03 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.00 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.00 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.00 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.04 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.02 ppm
Heptane	142-82-5	1.00 ppm	1.03 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.01 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.02 ppm
Toluene	108-88-3	1.00 ppm	1.02 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.00 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.04 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.04 ppm
n-Octane	111-65-9	1.00 ppm	1.01 ppm

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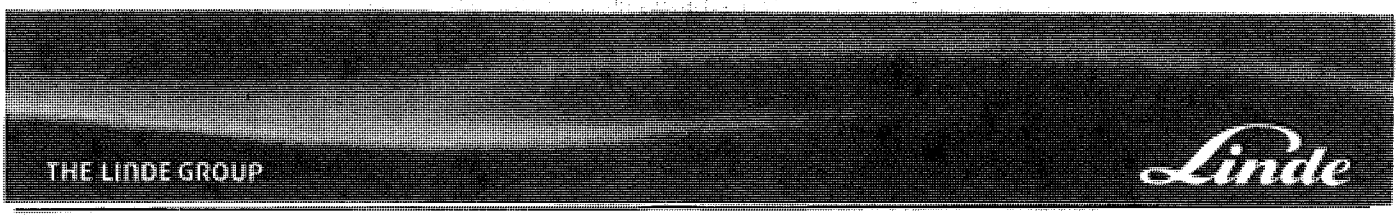

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5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.01 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.00 ppm
m-xylene	108-38-3	1.00 ppm	1.01 ppm
Bromoform	75-25-2	1.00 ppm	1.01 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.01 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.01 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.01 ppm
Nonane	111-84-2	1.00 ppm	1.02 ppm
Cumene	98-82-8	1.00 ppm	1.01 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.01 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.01 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.01 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.01 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.00 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.01 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.01 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.01 ppm
n-Decane	124-18-5	1.00 ppm	0.99 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.00 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.01 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.01 ppm
n-Undecane (No Stability Guarantee)	1120-21-4	1.00 ppm	1.00 ppm

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Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
1,2,4-Trichlorobenzene (No Stability Guarantee)	120-82-1	1.00 ppm	0.96 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	0.91 ppm
n-Dodecane (No Stability Guarantee)	112-40-3	1.00 ppm	0.90 ppm
1,2,3-Trichlorobenzene (No Stability Guarantee)	87-61-6	1.00 ppm	0.91 ppm
Hexachloro-1,3-Butadiene (No Stability Guarantee)	87-68-3	1.00 ppm	0.94 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Nov-24-2020

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Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-011
Misc. Info.: standard 2
Operator ID: ggg Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.944	3.960	-0.016	98	1602506	41.3	35.6	
2 Dichlorodifluoromethane	85	4.062	4.067	-0.005	100	4670083	41.8	34.9	
3 Chlorodifluoromethane	51	4.099	4.110	-0.011	97	2897855	41.9	35.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	97	4866433	41.6	36.6	
5 Chloromethane	50	4.559	4.559	0.000	99	1724699	43.7	35.6	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1935747	41.6	35.5	
7 Butane	43	4.913	4.912	0.000	99	2858712	41.4	35.1	
8 Butadiene	54	5.030	5.030	0.000	97	1352486	40.5	34.3	
9 Bromomethane	94	5.763	5.763	0.000	99	1496511	41.2	37.2	
11 Chloroethane	64	6.057	6.052	0.005	100	855494	41.6	37.6	
10 BFB									
12 2-Methylbutane	43	6.282	6.277	0.005	93	1819562	41.8	36.8	
13 Vinyl bromide	106	6.496	6.491	0.005	99	1484915	41.7	38.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3708339	42.2	35.6	
15 Pentane	43	6.887	6.887	0.001	98	2510485	40.5	35.3	
18 Ethyl ether	59	7.320	7.314	0.006	95	967923	40.3	37.0	
19 Acrolein	56	7.571	7.566	0.005	96	604975	38.9	41.7	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	97	1402025	41.1	35.4	
21 112TCTFE	101	7.812	7.807	0.005	96	2950001	42.0	35.0	
22 Acetone	43	7.860	7.860	0.000	98	2120992	41.0	37.4	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3841804	40.6	35.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	100	2377190	40.9	37.7	p
25 Acetonitrile	41	8.379	8.374	0.005	99	935675	39.6	35.7	p
26 3-Chloro-1-propene	41	8.486	8.481	0.005	99	1724511	42.6	37.6	
27 Methylene Chloride	49	8.722	8.716	0.006	93	1449937	41.1	33.8	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	2897418	43.1	36.7	
29 Acrylonitrile	53	9.139	9.139	0.000	95	949938	40.4	40.6	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1912586	40.8	35.4	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	97	4192087	41.8	39.0	
32 Hexane	57	9.743	9.743	0.000	93	2022766	42.4	37.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2486625	40.0	36.7	
34 Vinyl acetate	43	10.027	10.021	0.006	100	3674368	41.6	39.5	
S 35 1,2-Dichloroethene, Total	61				0		81.2	75.5	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	718680	41.4	40.4	
37 cis-1,2-Dichloroethene	96	11.017	11.011	0.006	94	1564823	40.4	40.1	
38 Ethyl acetate	88	11.081	11.075	0.006	100	137404	40.5	40.6	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	86	262307	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1531308	40.0	39.9	
41 Chloroform	83	11.610	11.610	0.000	96	3254480	40.4	40.2	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	95	3449946	40.8	41.4	
43 Cyclohexane	84	12.054	12.049	0.005	97	1966966	40.6	40.4	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	3701195	40.6	41.0	
45 Benzene	78	12.552	12.547	0.006	96	4653955	41.3	43.6	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	2105445	41.4	40.5	
47 Isooctane	57	12.766	12.766	0.000	99	7141904	41.9	42.8	
48 n-Heptane	43	13.076	13.076	0.000	91	2590826	42.0	41.4	
* 50 1,4-Difluorobenzene	114	13.296	13.295	0.001	94	1253511	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	88	917639	38.2	33.5	
51 Trichloroethene	95	13.723	13.729	-0.006	99	2150786	42.1	42.0	
A 52 GRO	1	14.050	(6.267-21.833)		0	638999195	2600.0	0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	89	1699256	41.2	39.7	
55 Methyl methacrylate	69	14.275	14.274	0.000	97	1585503	40.6	37.2	
56 1,4-Dioxane	88	14.312	14.312	0.000	92	861103	42.3	36.4	
57 Dibromomethane	174	14.344	14.344	0.000	92	2317875	41.2	40.1	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	3511708	42.3	37.8	
A 59 TVOC as Toluene	1	15.344	(3.950-26.739)		0	1021914338	3600.0	0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	93	2925236	41.6	40.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	96	3291299	41.0	36.8	
62 Toluene	92	16.104	16.109	-0.005	94	3289697	40.6	42.3	
63 n-Octane	43	16.356	16.355	0.001	90	3486784	41.3	37.1	
64 trans-1,3-Dichloropropene	75	16.521	16.527	-0.006	97	2572004	39.5	37.1	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	97	1607272	41.9	41.6	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	3254315	42.0	41.9	
67 2-Hexanone	43	17.302	17.308	-0.006	95	3114917	40.0	40.4	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3758859	38.7	40.2	
69 Ethylene Dibromide	107	17.886	17.886	0.000	99	2993385	42.4	41.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	84	1025263	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	4523179	42.0	42.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	7135751	40.9	40.9	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	5607426	82.2	82.3	
75 n-Nonane	57	19.373	19.373	0.000	88	3222126	41.9	40.9	
76 o-Xylene	106	20.090	20.084	0.006	99	2709613	41.4	40.5	
S 77 Xylenes, Total	106				0		123.7	122.8	
78 Styrene	104	20.122	20.122	0.000	99	4423762	41.3	41.1	
79 Bromoform	173	20.469	20.469	0.000	98	3917549	41.2	39.4	
80 Isopropylbenzene	105	20.780	20.785	-0.005	96	8079027	41.7	41.1	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	4077594	41.4	40.1	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	98	3152056	42.4	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	9409128	41.6	40.7	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5829712	41.8	41.0	
85 4-Ethyltoluene	105	21.695	21.700	-0.005	98	7856445	41.3	40.2	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	6622785	41.6	40.8	
87 n-Decane	57	21.823	21.823	0.000	92	4062203	41.7	41.1	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3563869	40.8	41.3	
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	6608875	41.4	40.5	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	6591809	41.6	40.6	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	9695043	41.8	40.7	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4644862	42.3	40.3	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	8450340	41.2	40.3	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4528523	41.9	40.6	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5878179	42.3	41.6	
96 n-Butylbenzene	91	23.364	23.369	-0.005	99	7709922	41.6	40.6	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4602486	41.8	40.3	
98 Undecane	57	23.513	23.513	0.000	94	4474491	41.8	40.8	
99 Dodecane	57	25.097	25.097	0.000	97	4076542	37.4	41.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3649482	43.4	44.1	
101 Hexachlorobutadiene	225	26.081	26.087	-0.006	97	4456843	41.0	44.3	
102 Naphthalene	128	26.317	26.317	0.000	99	7205986	38.9	40.2	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	3128800	36.5	38.2	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00135	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-009
Misc. Info.: standard 1
Operator ID: ggg Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.960	3.960	0.000	98	1392314	40.0	40.0	
2 Dichlorodifluoromethane	85	4.067	4.067	0.000	99	4135368	40.0	40.0	
3 Chlorodifluoromethane	51	4.110	4.110	0.000	97	2545784	40.0	40.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	95	4107302	40.0	40.0	
5 Chloromethane	50	4.559	4.559	0.000	99	1495394	40.0	40.0	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1683387	40.0	40.0	
7 Butane	43	4.912	4.912	0.000	98	2518162	40.0	40.0	
8 Butadiene	54	5.030	5.030	0.000	97	1219843	40.0	40.0	
9 Bromomethane	94	5.763	5.763	0.000	99	1241650	40.0	40.0	
11 Chloroethane	64	6.052	6.052	0.000	100	703380	40.0	40.0	
12 2-Methylbutane	43	6.277	6.277	0.000	93	1528589	40.0	40.0	
13 Vinyl bromide	106	6.491	6.491	0.000	99	1206910	40.0	40.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3221400	40.0	40.0	
15 Pentane	43	6.887	6.887	0.000	98	2194423	40.0	40.0	
18 Ethyl ether	59	7.314	7.314	0.000	94	809296	40.0	40.0	
19 Acrolein	56	7.566	7.566	0.000	96	448480	40.0	40.0	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	96	1224101	40.0	40.0	
21 112TCTFE	101	7.807	7.807	0.000	96	2604388	40.0	40.0	
22 Acetone	43	7.860	7.860	0.000	98	1751496	40.0	40.0	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3394826	40.0	40.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	64	1945935	40.0	40.0	p
25 Acetonitrile	41	8.374	8.374	0.000	98	809586	40.0	40.0	p
26 3-Chloro-1-propene	41	8.481	8.481	0.000	99	1418614	40.0	40.0	
27 Methylene Chloride	49	8.716	8.716	0.000	94	1323978	40.0	40.0	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	95	2440021	40.0	40.0	
29 Acrylonitrile	53	9.139	9.139	0.000	94	722218	40.0	40.0	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1669360	40.0	40.0	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	96	3321264	40.0	40.0	
32 Hexane	57	9.743	9.743	0.000	92	1687855	40.0	40.0	
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2091125	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.021	10.021	0.000	100	2874530	40.0	40.0	
S 35 1,2-Dichloroethene, Total	61				0		40.0	80.0	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	549429	40.0	40.0	
37 cis-1,2-Dichloroethene	96	11.011	11.011	0.000	92	1204455	40.0	40.0	
38 Ethyl acetate	88	11.075	11.075	0.000	99	104648	40.0	40.0	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	87	202614	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1220918	40.0	40.0	
41 Chloroform	83	11.610	11.610	0.000	97	2500170	40.0	40.0	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	96	2651798	40.0	40.0	
43 Cyclohexane	84	12.049	12.049	0.000	97	1546564	40.0	40.0	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	2870038	40.0	40.0	
45 Benzene	78	12.547	12.547	0.000	96	3395735	40.0	40.0	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	1651708	40.0	40.0	
47 Isooctane	57	12.766	12.766	0.000	98	5304532	40.0	40.0	
48 n-Heptane	43	13.076	13.076	0.000	91	1989514	40.0	40.0	
* 50 1,4-Difluorobenzene	114	13.295	13.295	0.000	94	996120	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	89	870490	40.0	40.0	
51 Trichloroethene	95	13.729	13.729	0.000	99	1628371	40.0	40.0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	88	1359297	40.0	40.0	
55 Methyl methacrylate	69	14.274	14.274	0.000	95	1353110	40.0	40.0	
56 1,4-Dioxane	88	14.312	14.312	0.000	93	752014	40.0	40.0	
57 Dibromomethane	174	14.344	14.344	0.000	92	1838913	40.0	40.0	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	2953749	40.0	40.0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	94	2317088	40.0	40.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	97	2839803	40.0	40.0	
62 Toluene	92	16.109	16.109	0.000	94	2821576	40.0	40.0	
63 n-Octane	43	16.355	16.355	0.000	91	2987967	40.0	40.0	
64 trans-1,3-Dichloropropene	75	16.527	16.527	0.000	98	2200895	40.0	40.0	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	98	1402034	40.0	40.0	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	2819776	40.0	40.0	
67 2-Hexanone	43	17.308	17.308	0.000	95	2799429	40.0	40.0	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3392735	40.0	40.0	
69 Ethylene Dibromide	107	17.886	17.886	0.000	98	2647916	40.0	40.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	86	929503	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	3908462	40.0	40.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	6329452	40.0	40.0	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	4943165	80.0	80.0	
75 n-Nonane	57	19.373	19.373	0.000	89	2858093	40.0	40.0	
76 o-Xylene	106	20.084	20.084	0.000	100	2423926	40.0	40.0	
S 77 Xylenes, Total	106				0		120.0	120.0	
78 Styrene	104	20.122	20.122	0.000	99	3905248	40.0	40.0	
79 Bromoform	173	20.469	20.469	0.000	98	3608229	40.0	40.0	
80 Isopropylbenzene	105	20.785	20.785	0.000	96	7120628	40.0	40.0	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	3689738	40.0	40.0	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	97	2856106	40.0	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	8385864	40.0	40.0	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5162330	40.0	40.0	
85 4-Ethyltoluene	105	21.700	21.700	0.000	98	7079475	40.0	40.0	
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	5881063	40.0	40.0	
87 n-Decane	57	21.823	21.823	0.000	92	3587804	40.0	40.0	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3132280	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	5913150	40.0	40.0	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	5889652	40.0	40.0	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	8641148	40.0	40.0	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4175508	40.0	40.0	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	7611898	40.0	40.0	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4044430	40.0	40.0	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5120880	40.0	40.0	
96 n-Butylbenzene	91	23.369	23.369	0.000	98	6881449	40.0	40.0	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4137925	40.0	40.0	
98 Undecane	57	23.513	23.513	0.000	94	3977790	40.0	40.0	
99 Dodecane	57	25.097	25.097	0.000	97	3607204	40.0	40.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3001167	40.0	40.0	
101 Hexachlorobutadiene	225	26.087	26.087	0.000	97	3646341	40.0	40.0	
102 Naphthalene	128	26.317	26.317	0.000	99	6508304	40.0	40.0	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	2966358	40.0	40.0	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00136	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

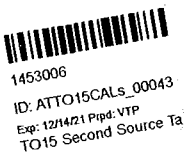
Reagent

ATTO15CALs_00043

Preliminary Report

Eurofins TestAmerica, Burlington

ICV, ICal Verification Report



Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 18:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043976-010
Misc. Info.: icv
Operator ID: ggg Instrument ID: CHG.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2021 12:01:56 Calib Date: 09-Dec-2020 17:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: bourdeaut Date: 20-Jan-2021 12:02:12

Start Cal Date: 09-Dec-2020 11:26:30
End Cal Date: 09-Dec-2020 17:31:30

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
1 Propene	10.1	9.95	-1.8	30.0	98.2	
2 Cl2F2Me	10.6	10.0	-5.4	30.0	94.6	
3 Chlorodifluorometh	10.6	9.58	-9.4	30.0	90.6	
4 1,2-Dichloro-1,1,2	10.6	9.71	-8.3	30.0	91.7	
5 Chloromethane	9.94	9.74	-2.0	30.0	98.0	
7 Vinyl chloride	9.99	9.36	-6.3	30.0	93.7	
6 Butane	10.3	9.67	-6.1	30.0	93.9	
8 Butadiene	9.70	8.98	-7.4	30.0	92.6	
10 Bromomethane	10.4	9.01	-13.4	30.0	86.6	
11 Chloroethane	10.6	9.09	-14.0	30.0	86.0	
12 2-Methylbutane	10.4	9.15	-12.4	30.0	87.6	
13 Vinyl bromide	10.0	9.55	-4.9	30.0	95.1	
14 Freon11	10.4	10.2	-2.0	30.0	98.0	
16 Pentane	10.2	8.72	-14.6	30.0	85.4	
17 Ethanol	15.0	16.0	6.3	30.0	106.3	
18 Ethyl ether	10.2	9.65	-5.6	30.0	94.4	
19 Acrolein	9.71	10.3	5.8	30.0	105.8	
21 1,1-Dichloroethene	10.2	8.79	-13.7	30.0	86.3	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
22 Acetone	10.4	10.6	1.8	30.0	101.8	
20 112TCTFE	10.7	9.26	-13.2	30.0	86.8	
24 Isopropyl alcohol	10.2	10.2	0.1	30.0	100.1	
23 Carbon disulfide	10.4	9.11	-12.1	30.0	87.9	
26 Acetonitrile	9.72	10.3	5.9	30.0	105.9	
25 3-Chloro-1-propene	10.7	10.4	-2.7	30.0	97.3	
27 Methylene Chloride	10.2	9.43	-8.0	30.0	92.0	
28 2M2PP	10.8	10.4	-3.4	30.0	96.6	
32 Acrylonitrile	10.2	9.97	-2.2	30.0	97.8	
31 T12DCE	10.3	8.85	-14.3	30.0	85.7	
29 MTBE	10.6	10.1	-4.0	30.0	96.0	
33 Hexane	10.5	8.87	-15.3	30.0	84.7	
34 1,1-Dichloroethane	10.3	8.51	-17.1	30.0	82.9	
35 Vinyl acetate	10.1	8.31	-17.5	30.0	82.5	
38 2-Butanone (MEK)	10.4	8.70	-16.1	30.0	83.9	
37 c12DCE	10.4	9.10	-12.2	30.0	87.8	
39 Ethyl acetate	10.2	9.34	-8.6	30.0	91.4	
41 Tetrahydrofuran	9.81	9.55	-2.7	30.0	97.3	
42 Chloroform	10.3	9.30	-9.9	30.0	90.1	
44 111TCA	10.3	9.02	-12.5	30.0	87.5	
43 Cyclohexane	10.2	7.92	-22.5	30.0	77.5	
45 CCl4	10.0	9.52	-5.3	30.0	94.7	
47 Benzene	10.4	9.01	-13.3	30.0	86.7	
48 1,2-Dichloroethane	10.5	9.32	-10.9	30.0	89.1	
46 Isooctane	10.1	8.78	-13.4	30.0	86.6	
49 n-Heptane	10.3	8.66	-16.0	30.0	84.0	
52 n-Butanol	9.11	9.10	-0.1	30.0	99.9	
53 Trichloroethene	10.3	9.89	-3.8	30.0	96.2	
54 12DCP	10.3	8.32	-19.6	30.0	80.4	
55 METHME	10.2	9.26	-9.3	30.0	90.7	
56 1,4-Dioxane	10.3	10.8	4.8	30.0	104.8	
57 Dibromomethane	10.3	9.52	-8.0	30.0	92.0	
58 BrCl2Me	10.3	9.39	-8.7	30.0	91.3	
60 C13DCPP	9.94	9.15	-8.0	30.0	92.0	
61 MIBK	10.2	9.11	-10.6	30.0	89.4	
65 Toluene	10.2	9.57	-6.2	30.0	93.8	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
64 n-Octane	10.3	8.64	-16.1	30.0	83.9	
66 T13DCP	9.85	8.54	-13.3	30.0	86.7	
67 112TCA	10.5	9.35	-10.9	30.0	89.1	
68 Tetrachloroethene	10.5	10.3	-1.6	30.0	98.4	
69 2-Hexanone	10.1	9.69	-4.1	30.0	95.9	
71 Br2ClMe	10.6	9.81	-7.5	30.0	92.5	
72 Ethylene Dibromide	10.7	10.6	-0.2	30.0	99.8	
75 Chlorobenzene	10.5	10.1	-3.7	30.0	96.3	
76 Ethylbenzene	10.2	9.42	-7.9	30.0	92.1	
78 MPXYLENES	20.0	20.4	2.1	30.0	102.1	
77 n-Nonane	10.5	9.96	-4.8	30.0	95.2	
79 o-Xylene	10.4	9.76	-5.9	30.0	94.1	
80 Styrene	10.3	10.4	1.3	30.0	101.3	
81 Bromoform	10.3	10.3	0.5	30.0	100.5	
82 Isopropylbenzene	10.5	10.4	-0.1	30.0	99.9	
84 1122TCA	10.3	9.51	-8.1	30.0	91.9	
86 TCP	10.6	10.7	0.4	30.0	100.4	
85 N-Propylbenzene	10.4	10.4	0.7	30.0	100.7	
89 2-Chlorotoluene	10.4	10.4	-0.3	30.0	99.7	
88 4-Ethyltoluene	10.2	10.8	5.7	30.0	105.7	
90 135-TMB	10.5	10.7	2.1	30.0	102.1	
87 n-Decane	10.3	10.9	5.2	30.0	105.2	
91 Alpha Methyl Styre	10.2	11.2	10.6	30.0	110.6	
92 tert-Butylbenzene	10.4	10.8	4.2	30.0	104.2	
93 124TMB	10.4	10.8	3.4	30.0	103.4	
94 sec-Butylbenzene	10.5	11.0	5.0	30.0	105.0	
96 13DCB	10.2	11.0	8.3	30.0	108.3	
95 4-Isopropyltoluene	10.5	10.6	1.1	30.0	101.1	
97 14DCB	10.4	10.9	4.5	30.0	104.5	
98 Benzyl chloride	10.2	11.2	10.4	30.0	110.4	
100 n-Butylbenzene	10.5	11.2	6.4	30.0	106.4	
101 12DCB	10.8	10.9	1.6	30.0	101.6	
99 Undecane	10.7	10.7	-0.3	30.0	99.7	
102 Dodecane	10.6	7.70	-27.6	30.0	72.4	
103 124TCB	11.0	12.3	12.4	30.0	112.4	
104 HCBD	10.8	11.1	2.0	30.0	102.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
105 Naphthalene	10.5	10.4	-1.1	30.0	98.9	
106 123TCB	10.9	9.32	-14.2	30.0	85.8	

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,1,1-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2,2-Tetrachloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloro-1,2,2-trifluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloro-1,1,2,2-tetrafluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethene, Total	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
1,2-Dichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3,5-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,4-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,4-Dioxane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Butanone (MEK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Chlorotoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Hexanone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methyl-2-propanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methylbutane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
3-Chloro-1-propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Ethyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Isopropyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Methyl-2-pentanone (MIBK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrolein	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrylonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Alpha Methyl Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Bromoform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Bromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C6 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C8 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon disulfide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon tetrachloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Cyclohexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dichlorobromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Dichlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dodecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylene Dibromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexachlorobutadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isooctane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropyl alcohol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl methacrylate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl tert-butyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methylene Chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
m-Xylene & p-Xylene	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
Naphthalene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
n-Decane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Heptane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Nonane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Octane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
N-Propylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
o-Xylene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Pentane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
sec-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
tert-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrachloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrahydrofuran	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Trichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Trichlorofluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Undecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl bromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Xylenes, Total	40MXTANKDP_00008	11/25/2021	3.00000	ppm v/v	600.00000	ppb v/v

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
40MXTANKDP_00008	Tank D Mega primary	ASTD	11/25/21	Linde	CC-118524	PO:US11382328	7.34000	psi abs

4700 Precision Diluter Standards Preparation Report

Dilution ID: 399

Canister Size: 15000cc **Canister ID:** SN# 1652 **Target Final Psia:** 36.7

Comment: 200 ppb v/v Burlington Recert

Date: 12/7/2020 10:39:34 AM

Report ID: 343746

Prepared By: AFB

343746

ID: 40XX200tankD_00001

Exp: 02/07/21 Prpd: AFB Crt: 12/07/20

200ppb v/v Tank D Bur Rec

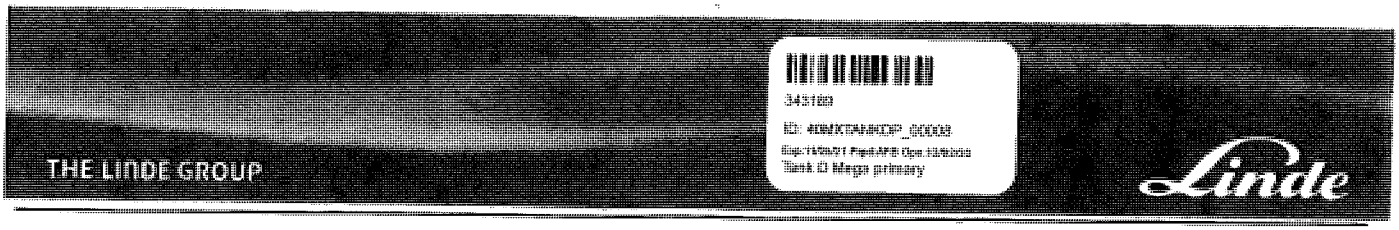
Channel Methods

Ch.	Title	Init. Conc.	Target Conc.	Dilution Factor	Init. Psia	Target Psid	Final Psid	Target Psia	Final Psia	Duration	Final Conc.
1	Diluent	100 percent	100 percent	1	0.32	11.64	11.64	11.96	11.96	00:11:48	N/A
3	D Mega Pri	1000 ppb	200 ppb	5	11.96	7.28	7.28	19.24	19.24	00:19:34	200.1 ppb
1	Diluent	100 percent	100 percent	1	19.24	17.46	17.46	36.70	36.70	00:18:04	N/A

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

Ch.	Source	Init. Conc.	Cylinder ID	Expiration Date	Notes
1	Diluent	100 percent		12/31/2021	
3	D Mega Pri	1000 ppb		11/25/2021	



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5815 Middlebrook Pike
Knoxville, TN 37921

Tank D to 12/2/20

ANALYSIS REPORT

Sales#:	117401727
Production#:	1523772
Report Date:	Nov-24-2020
P.O.# :	US113823280
Blend Type:	QUALIFIED
Material#:	24106776
Traceability:	NIST by weight
Expiration Date:	Nov-24-2021
Do NOT use under:	150 psig

Cylinder Size:	152 (8" X 47.5")
Cylinder # :	CC-118524
Cylinder Pressure:	1700 psig
Cylinder Valve:	CGA 350 / Steel
Cylinder Volume:	29.5 Liter
Cylinder Material:	Aluminum
Gas Volume:	3400 Liters
Blend Tolerance:	10% Relative
Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.04 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.06 ppm
Freon-12	75-71-8	1.00 ppm	1.03 ppm
Chloromethane	74-87-3	1.00 ppm	1.04 ppm
Freon-114	76-14-2	1.00 ppm	1.03 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.81 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.04 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile (No Stability Guarantee)	75-05-8	1.00 ppm	1.00 ppm
Acrolein	107-02-8	1.00 ppm	0.99 ppm
Isopentane	78-78-4	1.00 ppm	1.03 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.04 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.03 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.05 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.03 ppm
Freon-113	76-13-1	1.00 ppm	1.03 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.04 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.03 ppm

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

THE LINDE GROUP

SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.10 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.04 ppm
Hexane	110-54-3	1.00 ppm	1.03 ppm
Chloroform	67-66-3	1.00 ppm	1.04 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.02 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.03 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.02 ppm
Cyclohexane	110-82-7	1.00 ppm	1.03 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.00 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.00 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.00 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.04 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.02 ppm
Heptane	142-82-5	1.00 ppm	1.03 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.01 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.02 ppm
Toluene	108-88-3	1.00 ppm	1.02 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.00 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.04 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.04 ppm
n-Octane	111-65-9	1.00 ppm	1.01 ppm

Linde Gas North America LLC
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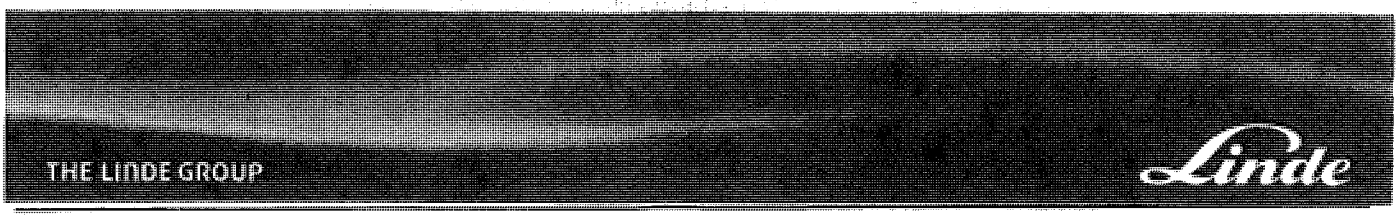

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Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.01 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.00 ppm
m-xylene	108-38-3	1.00 ppm	1.01 ppm
Bromoform	75-25-2	1.00 ppm	1.01 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.01 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.01 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.01 ppm
Nonane	111-84-2	1.00 ppm	1.02 ppm
Cumene	98-82-8	1.00 ppm	1.01 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.01 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.01 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.01 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.01 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.00 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.01 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.01 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.01 ppm
n-Decane	124-18-5	1.00 ppm	0.99 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.00 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.01 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.01 ppm
n-Undecane (No Stability Guarantee)	1120-21-4	1.00 ppm	1.00 ppm

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

THE LINDE GROUP

SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
1,2,4-Trichlorobenzene (No Stability Guarantee)	120-82-1	1.00 ppm	0.96 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	0.91 ppm
n-Dodecane (No Stability Guarantee)	112-40-3	1.00 ppm	0.90 ppm
1,2,3-Trichlorobenzene (No Stability Guarantee)	87-61-6	1.00 ppm	0.91 ppm
Hexachloro-1,3-Butadiene (No Stability Guarantee)	87-68-3	1.00 ppm	0.94 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Nov-24-2020

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
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Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-011
Misc. Info.: standard 2
Operator ID: ggg Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.944	3.960	-0.016	98	1602506	41.3	35.6	
2 Dichlorodifluoromethane	85	4.062	4.067	-0.005	100	4670083	41.8	34.9	
3 Chlorodifluoromethane	51	4.099	4.110	-0.011	97	2897855	41.9	35.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	97	4866433	41.6	36.6	
5 Chloromethane	50	4.559	4.559	0.000	99	1724699	43.7	35.6	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1935747	41.6	35.5	
7 Butane	43	4.913	4.912	0.000	99	2858712	41.4	35.1	
8 Butadiene	54	5.030	5.030	0.000	97	1352486	40.5	34.3	
9 Bromomethane	94	5.763	5.763	0.000	99	1496511	41.2	37.2	
11 Chloroethane	64	6.057	6.052	0.005	100	855494	41.6	37.6	
10 BFB									
12 2-Methylbutane	43	6.282	6.277	0.005	93	1819562	41.8	36.8	
13 Vinyl bromide	106	6.496	6.491	0.005	99	1484915	41.7	38.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3708339	42.2	35.6	
15 Pentane	43	6.887	6.887	0.001	98	2510485	40.5	35.3	
18 Ethyl ether	59	7.320	7.314	0.006	95	967923	40.3	37.0	
19 Acrolein	56	7.571	7.566	0.005	96	604975	38.9	41.7	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	97	1402025	41.1	35.4	
21 112TCTFE	101	7.812	7.807	0.005	96	2950001	42.0	35.0	
22 Acetone	43	7.860	7.860	0.000	98	2120992	41.0	37.4	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3841804	40.6	35.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	100	2377190	40.9	37.7	p
25 Acetonitrile	41	8.379	8.374	0.005	99	935675	39.6	35.7	p
26 3-Chloro-1-propene	41	8.486	8.481	0.005	99	1724511	42.6	37.6	
27 Methylene Chloride	49	8.722	8.716	0.006	93	1449937	41.1	33.8	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	2897418	43.1	36.7	
29 Acrylonitrile	53	9.139	9.139	0.000	95	949938	40.4	40.6	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1912586	40.8	35.4	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	97	4192087	41.8	39.0	
32 Hexane	57	9.743	9.743	0.000	93	2022766	42.4	37.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2486625	40.0	36.7	
34 Vinyl acetate	43	10.027	10.021	0.006	100	3674368	41.6	39.5	
S 35 1,2-Dichloroethene, Total	61				0		81.2	75.5	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	718680	41.4	40.4	
37 cis-1,2-Dichloroethene	96	11.017	11.011	0.006	94	1564823	40.4	40.1	
38 Ethyl acetate	88	11.081	11.075	0.006	100	137404	40.5	40.6	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	86	262307	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1531308	40.0	39.9	
41 Chloroform	83	11.610	11.610	0.000	96	3254480	40.4	40.2	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	95	3449946	40.8	41.4	
43 Cyclohexane	84	12.054	12.049	0.005	97	1966966	40.6	40.4	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	3701195	40.6	41.0	
45 Benzene	78	12.552	12.547	0.006	96	4653955	41.3	43.6	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	2105445	41.4	40.5	
47 Isooctane	57	12.766	12.766	0.000	99	7141904	41.9	42.8	
48 n-Heptane	43	13.076	13.076	0.000	91	2590826	42.0	41.4	
* 50 1,4-Difluorobenzene	114	13.296	13.295	0.001	94	1253511	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	88	917639	38.2	33.5	
51 Trichloroethene	95	13.723	13.729	-0.006	99	2150786	42.1	42.0	
A 52 GRO	1	14.050	(6.267-21.833)		0	638999195	2600.0	0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	89	1699256	41.2	39.7	
55 Methyl methacrylate	69	14.275	14.274	0.000	97	1585503	40.6	37.2	
56 1,4-Dioxane	88	14.312	14.312	0.000	92	861103	42.3	36.4	
57 Dibromomethane	174	14.344	14.344	0.000	92	2317875	41.2	40.1	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	3511708	42.3	37.8	
A 59 TVOC as Toluene	1	15.344	(3.950-26.739)		0	1021914338	3600.0	0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	93	2925236	41.6	40.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	96	3291299	41.0	36.8	
62 Toluene	92	16.104	16.109	-0.005	94	3289697	40.6	42.3	
63 n-Octane	43	16.356	16.355	0.001	90	3486784	41.3	37.1	
64 trans-1,3-Dichloropropene	75	16.521	16.527	-0.006	97	2572004	39.5	37.1	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	97	1607272	41.9	41.6	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	3254315	42.0	41.9	
67 2-Hexanone	43	17.302	17.308	-0.006	95	3114917	40.0	40.4	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3758859	38.7	40.2	
69 Ethylene Dibromide	107	17.886	17.886	0.000	99	2993385	42.4	41.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	84	1025263	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	4523179	42.0	42.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	7135751	40.9	40.9	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	5607426	82.2	82.3	
75 n-Nonane	57	19.373	19.373	0.000	88	3222126	41.9	40.9	
76 o-Xylene	106	20.090	20.084	0.006	99	2709613	41.4	40.5	
S 77 Xylenes, Total	106				0		123.7	122.8	
78 Styrene	104	20.122	20.122	0.000	99	4423762	41.3	41.1	
79 Bromoform	173	20.469	20.469	0.000	98	3917549	41.2	39.4	
80 Isopropylbenzene	105	20.780	20.785	-0.005	96	8079027	41.7	41.1	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	4077594	41.4	40.1	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	98	3152056	42.4	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	9409128	41.6	40.7	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5829712	41.8	41.0	
85 4-Ethyltoluene	105	21.695	21.700	-0.005	98	7856445	41.3	40.2	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	6622785	41.6	40.8	
87 n-Decane	57	21.823	21.823	0.000	92	4062203	41.7	41.1	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3563869	40.8	41.3	
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	6608875	41.4	40.5	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	6591809	41.6	40.6	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	9695043	41.8	40.7	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4644862	42.3	40.3	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	8450340	41.2	40.3	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4528523	41.9	40.6	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5878179	42.3	41.6	
96 n-Butylbenzene	91	23.364	23.369	-0.005	99	7709922	41.6	40.6	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4602486	41.8	40.3	
98 Undecane	57	23.513	23.513	0.000	94	4474491	41.8	40.8	
99 Dodecane	57	25.097	25.097	0.000	97	4076542	37.4	41.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3649482	43.4	44.1	
101 Hexachlorobutadiene	225	26.081	26.087	-0.006	97	4456843	41.0	44.3	
102 Naphthalene	128	26.317	26.317	0.000	99	7205986	38.9	40.2	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	3128800	36.5	38.2	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00135	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-009
Misc. Info.: standard 1
Operator ID: ggg Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.960	3.960	0.000	98	1392314	40.0	40.0	
2 Dichlorodifluoromethane	85	4.067	4.067	0.000	99	4135368	40.0	40.0	
3 Chlorodifluoromethane	51	4.110	4.110	0.000	97	2545784	40.0	40.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	95	4107302	40.0	40.0	
5 Chloromethane	50	4.559	4.559	0.000	99	1495394	40.0	40.0	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1683387	40.0	40.0	
7 Butane	43	4.912	4.912	0.000	98	2518162	40.0	40.0	
8 Butadiene	54	5.030	5.030	0.000	97	1219843	40.0	40.0	
9 Bromomethane	94	5.763	5.763	0.000	99	1241650	40.0	40.0	
11 Chloroethane	64	6.052	6.052	0.000	100	703380	40.0	40.0	
12 2-Methylbutane	43	6.277	6.277	0.000	93	1528589	40.0	40.0	
13 Vinyl bromide	106	6.491	6.491	0.000	99	1206910	40.0	40.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3221400	40.0	40.0	
15 Pentane	43	6.887	6.887	0.000	98	2194423	40.0	40.0	
18 Ethyl ether	59	7.314	7.314	0.000	94	809296	40.0	40.0	
19 Acrolein	56	7.566	7.566	0.000	96	448480	40.0	40.0	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	96	1224101	40.0	40.0	
21 112TCTFE	101	7.807	7.807	0.000	96	2604388	40.0	40.0	
22 Acetone	43	7.860	7.860	0.000	98	1751496	40.0	40.0	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3394826	40.0	40.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	64	1945935	40.0	40.0	p
25 Acetonitrile	41	8.374	8.374	0.000	98	809586	40.0	40.0	p
26 3-Chloro-1-propene	41	8.481	8.481	0.000	99	1418614	40.0	40.0	
27 Methylene Chloride	49	8.716	8.716	0.000	94	1323978	40.0	40.0	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	95	2440021	40.0	40.0	
29 Acrylonitrile	53	9.139	9.139	0.000	94	722218	40.0	40.0	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1669360	40.0	40.0	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	96	3321264	40.0	40.0	
32 Hexane	57	9.743	9.743	0.000	92	1687855	40.0	40.0	
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2091125	40.0	40.0	

Preliminary Report

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Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.021	10.021	0.000	100	2874530	40.0	40.0	
S 35 1,2-Dichloroethene, Total	61				0		40.0	80.0	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	549429	40.0	40.0	
37 cis-1,2-Dichloroethene	96	11.011	11.011	0.000	92	1204455	40.0	40.0	
38 Ethyl acetate	88	11.075	11.075	0.000	99	104648	40.0	40.0	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	87	202614	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1220918	40.0	40.0	
41 Chloroform	83	11.610	11.610	0.000	97	2500170	40.0	40.0	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	96	2651798	40.0	40.0	
43 Cyclohexane	84	12.049	12.049	0.000	97	1546564	40.0	40.0	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	2870038	40.0	40.0	
45 Benzene	78	12.547	12.547	0.000	96	3395735	40.0	40.0	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	1651708	40.0	40.0	
47 Isooctane	57	12.766	12.766	0.000	98	5304532	40.0	40.0	
48 n-Heptane	43	13.076	13.076	0.000	91	1989514	40.0	40.0	
* 50 1,4-Difluorobenzene	114	13.295	13.295	0.000	94	996120	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	89	870490	40.0	40.0	
51 Trichloroethene	95	13.729	13.729	0.000	99	1628371	40.0	40.0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	88	1359297	40.0	40.0	
55 Methyl methacrylate	69	14.274	14.274	0.000	95	1353110	40.0	40.0	
56 1,4-Dioxane	88	14.312	14.312	0.000	93	752014	40.0	40.0	
57 Dibromomethane	174	14.344	14.344	0.000	92	1838913	40.0	40.0	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	2953749	40.0	40.0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	94	2317088	40.0	40.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	97	2839803	40.0	40.0	
62 Toluene	92	16.109	16.109	0.000	94	2821576	40.0	40.0	
63 n-Octane	43	16.355	16.355	0.000	91	2987967	40.0	40.0	
64 trans-1,3-Dichloropropene	75	16.527	16.527	0.000	98	2200895	40.0	40.0	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	98	1402034	40.0	40.0	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	2819776	40.0	40.0	
67 2-Hexanone	43	17.308	17.308	0.000	95	2799429	40.0	40.0	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3392735	40.0	40.0	
69 Ethylene Dibromide	107	17.886	17.886	0.000	98	2647916	40.0	40.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	86	929503	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	3908462	40.0	40.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	6329452	40.0	40.0	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	4943165	80.0	80.0	
75 n-Nonane	57	19.373	19.373	0.000	89	2858093	40.0	40.0	
76 o-Xylene	106	20.084	20.084	0.000	100	2423926	40.0	40.0	
S 77 Xylenes, Total	106				0		120.0	120.0	
78 Styrene	104	20.122	20.122	0.000	99	3905248	40.0	40.0	
79 Bromoform	173	20.469	20.469	0.000	98	3608229	40.0	40.0	
80 Isopropylbenzene	105	20.785	20.785	0.000	96	7120628	40.0	40.0	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	3689738	40.0	40.0	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	97	2856106	40.0	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	8385864	40.0	40.0	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5162330	40.0	40.0	
85 4-Ethyltoluene	105	21.700	21.700	0.000	98	7079475	40.0	40.0	
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	5881063	40.0	40.0	
87 n-Decane	57	21.823	21.823	0.000	92	3587804	40.0	40.0	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3132280	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	5913150	40.0	40.0	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	5889652	40.0	40.0	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	8641148	40.0	40.0	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4175508	40.0	40.0	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	7611898	40.0	40.0	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4044430	40.0	40.0	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5120880	40.0	40.0	
96 n-Butylbenzene	91	23.369	23.369	0.000	98	6881449	40.0	40.0	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4137925	40.0	40.0	
98 Undecane	57	23.513	23.513	0.000	94	3977790	40.0	40.0	
99 Dodecane	57	25.097	25.097	0.000	97	3607204	40.0	40.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3001167	40.0	40.0	
101 Hexachlorobutadiene	225	26.087	26.087	0.000	97	3646341	40.0	40.0	
102 Naphthalene	128	26.317	26.317	0.000	99	6508304	40.0	40.0	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	2966358	40.0	40.0	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00136	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 47894-003.d

Lab ID: LCS 200-172389/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.6	9.01	85	61-142	
Chlorodifluoromethane	10.6	8.65	82	60-147	
1,2-Dichlorotetrafluoroethane	10.6	9.55	90	71-141	
Chloromethane	9.94	9.13	92	56-141	
n-Butane	10.3	7.95	77	53-151	
Vinyl chloride	9.99	9.06	91	61-135	
1,3-Butadiene	9.70	8.57	88	58-139	
Bromomethane	10.4	10.2	98	72-124	
Chloroethane	10.6	9.15	87	68-130	
Bromoethene(Vinyl Bromide)	10.0	10.2	101	75-125	
Trichlorofluoromethane	10.4	8.90	86	70-129	
1,1,2-Trichlorotrifluoroethane	10.7	10.2	96	70-121	
1,1-Dichloroethene	10.2	10.3	101	68-120	
Acetone	10.4	9.15	88	54-154	
Isopropyl alcohol	10.2	9.60	94	53-142	
Carbon disulfide	10.4	10.2	98	71-138	
3-Chloropropene	10.7	9.29	87	50-150	
Methylene Chloride	10.2	8.85	86	59-137	
tert-Butyl alcohol	10.8	10.1	94	66-132	
Methyl tert-butyl ether	10.6	10.2	96	70-127	
trans-1,2-Dichloroethene	10.3	9.76	94	69-137	
n-Hexane	10.5	10.0	96	63-138	
1,1-Dichloroethane	10.3	9.37	91	66-130	
Methyl Ethyl Ketone (2-Butanone)	10.4	11.9	115	72-124	
cis-1,2-Dichloroethene	10.4	11.8	114	72-121	
Chloroform	10.3	9.41	91	73-124	
Tetrahydrofuran	9.81	8.87	90	60-149	
1,1,1-Trichloroethane	10.3	9.16	89	72-127	
Cyclohexane	10.2	10.5	102	76-124	
Carbon tetrachloride	10.0	8.17	81	71-133	
2,2,4-Trimethylpentane	10.1	10.3	102	68-131	
Benzene	10.4	10.4	100	73-119	
1,2-Dichloroethane	10.5	8.75	84	68-135	
n-Heptane	10.3	9.52	92	60-142	
Trichloroethene	10.3	10.7	104	73-122	
Methyl methacrylate	10.2	10.5	103	73-129	
1,2-Dichloropropane	10.3	9.87	95	69-128	
1,4-Dioxane	10.3	11.4	111	66-129	
Bromodichloromethane	10.3	9.66	94	75-127	
cis-1,3-Dichloropropene	9.94	9.88	99	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 47894-003.d

Lab ID: LCS 200-172389/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.2	8.99	88	58-144	
Toluene	10.2	10.7	105	75-122	
trans-1,3-Dichloropropene	9.85	9.80	99	74-128	
1,1,2-Trichloroethane	10.5	10.5	100	75-126	
Tetrachloroethene	10.5	11.6	110	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.1	9.83	97	57-143	
Dibromochloromethane	10.6	9.89	93	73-125	
1,2-Dibromoethane	10.7	11.4	107	78-122	
Chlorobenzene	10.5	11.0	105	76-119	
Ethylbenzene	10.2	10.6	104	74-122	
m,p-Xylene	20.0	22.5	113	76-121	
o-Xylene	10.4	11.2	108	73-123	
Styrene	10.3	11.6	113	74-125	
Bromoform	10.3	10.5	102	53-149	
Cumene	10.5	11.4	109	73-123	
1,1,2,2-Tetrachloroethane	10.3	10.4	100	74-126	
n-Propylbenzene	10.4	11.0	106	73-127	
4-Ethyltoluene	10.2	11.4	111	75-129	
1,3,5-Trimethylbenzene	10.5	11.2	107	72-126	
2-Chlorotoluene	10.4	10.8	104	74-126	
tert-Butylbenzene	10.4	11.1	107	71-125	
1,2,4-Trimethylbenzene	10.4	10.9	104	71-129	
sec-Butylbenzene	10.5	11.1	106	70-128	
4-Isopropyltoluene	10.5	11.1	106	68-130	
1,3-Dichlorobenzene	10.2	11.4	112	69-131	
1,4-Dichlorobenzene	10.4	11.7	112	67-132	
Benzyl chloride	10.2	10.8	106	60-136	
n-Butylbenzene	10.5	11.1	106	65-137	
1,2-Dichlorobenzene	10.8	11.0	103	68-129	
1,2,4-Trichlorobenzene	11.0	11.4	104	50-150	
Hexachlorobutadiene	10.8	9.95	92	58-130	
Naphthalene	10.5	10.3	98	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab File ID: 47894-004.d Lab Sample ID: MB 200-172389/4

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

Instrument ID: CHW.i Date Analyzed: 10/08/2021 11:42

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-172389/3	47894-003.d	10/08/2021 10:49
IA-1_20210929	200-60355-1	47894-010.d	10/08/2021 16:56
IA-X_20210929	200-60355-2	47894-011.d	10/08/2021 17:49
AA_20210929	200-60355-3	47894-012.d	10/08/2021 18:45

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab File ID: 47557-001.d BFB Injection Date: 09/15/2021

Instrument ID: CHW.i BFB Injection Time: 16:10

Analysis Batch No.: 171376

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.5	
75	30.0 - 66.0% of mass 95	45.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	1.3	(1.2) 1
174	50.0 - 120.0% of mass 95	112.9	
175	4.0 - 9.0 % of mass 174	8.3	(7.4) 1
176	93.0 - 101.0% of mass 174	109.3	(96.8) 1
177	5.0 - 9.0% of mass 176	6.9	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-171376/3	47557-003.d	09/15/2021	17:54
	IC 200-171376/5	47557-005.d	09/15/2021	19:41
	IC 200-171376/6	47557-006.d	09/15/2021	20:34
	IC 200-171376/8	47557-008.d	09/15/2021	22:21
	IC 200-171376/11	47557-011.d	09/16/2021	1:00
	IC 200-171376/12	47557-012.d	09/16/2021	1:53
	ICIS 200-171376/17	47557-017.d	09/16/2021	6:19
	IC 200-171376/20	47557-020.d	09/16/2021	9:57
	ICV 200-171376/22	47557-022.d	09/16/2021	12:39

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab File ID: 47894-001.d BFB Injection Date: 10/08/2021

Instrument ID: CHW.i BFB Injection Time: 09:05

Analysis Batch No.: 172389

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.5	
75	30.0 - 66.0% of mass 95	46.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.8	(0.8) 1
174	50.0 - 120.0% of mass 95	102.6	
175	4.0 - 9.0 % of mass 174	7.4	(7.2) 1
176	93.0 - 101.0% of mass 174	100.8	(98.3) 1
177	5.0 - 9.0% of mass 176	6.7	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-172389/2	47894-002.d	10/08/2021	9:57
	LCS 200-172389/3	47894-003.d	10/08/2021	10:49
	MB 200-172389/4	47894-004.d	10/08/2021	11:42
IA-1_20210929	200-60355-1	47894-010.d	10/08/2021	16:56
IA-X_20210929	200-60355-2	47894-011.d	10/08/2021	17:49
AA_20210929	200-60355-3	47894-012.d	10/08/2021	18:45

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Sample No.: ICIS 200-171376/17 Date Analyzed: 09/16/2021 06:19

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 47557-017.d Heated Purge: (Y/N) N

Calibration ID: 46700

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		49605	11.39	218592	13.24	210829	18.73
UPPER LIMIT		69447	11.72	306029	13.57	295161	19.06
LOWER LIMIT		29763	11.06	131155	12.91	126497	18.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-171376/22		64452	11.39	286983	13.24	244953	18.73

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Sample No.: CCVIS 200-172389/2 Date Analyzed: 10/08/2021 09:57

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 47894-002.d Heated Purge: (Y/N) N

Calibration ID: 46700

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57121	11.39	249856	13.24	210085	18.72
UPPER LIMIT		79969	11.72	349798	13.57	294119	19.05
LOWER LIMIT		34273	11.06	149914	12.91	126051	18.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-172389/3		56984	11.39	256175	13.24	219082	18.72
MB 200-172389/4		56567	11.38	245312	13.23	187187	18.72
200-60355-1	IA-1_20210929	51470	11.38	215353	13.24	180036	18.72
200-60355-2	IA-X_20210929	49243	11.38	209326	13.23	173482	18.72
200-60355-3	AA_20210929	43448	11.38	192518	13.24	160011	18.72

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.27	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.20	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.37	J	0.50	0.12
106-97-8	n-Butane	58.12	0.25	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.13	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	2.9	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	2.7	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.18	J	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.096	J	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.45		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.058	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.72	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.76	J	1.0	0.25
106-97-8	n-Butane	58.12	0.59	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.76	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	7.0	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	6.7	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.70	J	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.31	J	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	1.7		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.39	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 4 TIC Result Total: 17.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	7.11	13	J	
	Unknown	8.49	1.9	J	
	Unknown	16.71	1.1	J	
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	18.85	1.2	J N	97%

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d
Lims ID: 200-60355-A-1
Client ID: IA-1_20210929
Sample Type: Client
Inject. Date: 08-Oct-2021 16:56:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-010
Misc. Info.: 60355-1
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 09:02:29 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 09:02:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.238	4.228	0.016	98	7902	0.2722	
3 Chlorodifluoromethane	51	4.287	4.287	0.016	93	3084	0.2041	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.586				ND	
5 Chloromethane	50	4.725	4.725	0.021	95	2881	0.3685	M
6 Vinyl chloride	62		5.014				ND	
7 Butane	43	5.030	5.017	0.010	98	3241	0.2492	
8 Butadiene	54		5.132				ND	
9 Bromomethane	94		5.849				ND	
10 Chloroethane	64		6.127				ND	
13 Vinyl bromide	106		6.544				ND	
14 Trichlorofluoromethane	101	6.715	6.715	0.010	96	3600	0.1344	M
20 1,1-Dichloroethene	96		7.775				ND	
21 112TCTFE	101	7.839	7.817	0.022	1	642	0.0375	
22 Acetone	43	7.892	7.892	0.021	98	29917	2.95	
24 Isopropyl alcohol	45	8.229	8.224	0.053	99	27981	2.72	
23 Carbon disulfide	76		8.181				ND	MU
26 3-Chloro-1-propene	41		8.475				ND	7
27 Methylene Chloride	49	8.711	8.705	0.006	28	1099	0.1458	
28 2-Methyl-2-propanol	59		8.952				ND	MU
30 trans-1,2-Dichloroethene	61	9.214	9.208	0.006	94	1756	0.1773	
31 Methyl tert-butyl ether	73		9.230				ND	
32 Hexane	57	9.727	9.727	0.005	34	680	0.0754	M
33 1,1-Dichloroethane	63		9.979				ND	
37 2-Butanone (MEK)	72		10.952				ND	U
36 cis-1,2-Dichloroethene	96		10.974				ND	
* 39 Chlorobromomethane	128	11.380	11.386	-0.006	73	51470	10.0	
40 Tetrahydrofuran	42		11.439				ND	
41 Chloroform	83		11.562				ND	7
42 1,1,1-Trichloroethane	97		11.867				ND	
43 Cyclohexane	84		12.012				ND	U
44 Carbon tetrachloride	117	12.156	12.140	0.011	1	719	0.0308	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.498	12.498	0.005	82	1781	0.0956	M
46 1,2-Dichloroethane	62		12.573				ND	
47 Isooctane	57		12.712				ND	U
48 n-Heptane	43		13.023				ND	U
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	92	215353	10.0	
51 Trichloroethene	95		13.665				ND	
53 1,2-Dichloropropane	63		14.119				ND	
55 Methyl methacrylate	69		14.221				ND	
57 1,4-Dioxane	88		14.269				ND	
58 Dichlorobromomethane	83		14.590				ND	
60 cis-1,3-Dichloropropene	75		15.398				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.671				ND	
62 Toluene	92	16.034	16.045	-0.006	92	6267	0.4503	
64 trans-1,3-Dichloropropene	75		16.452				ND	
65 1,1,2-Trichloroethane	83		16.826				ND	
66 Tetrachloroethene	166	17.035	17.035	0.005	81	917	0.0580	M
67 2-Hexanone	43		17.254				ND	7
68 Chlorodibromomethane	129		17.570				ND	
69 Ethylene Dibromide	107		17.811				ND	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	83	180036	10.0	
72 Chlorobenzene	112		18.779				ND	
73 Ethylbenzene	91		18.972				ND	U
74 m-Xylene & p-Xylene	106	19.218	19.218	-0.026	0	666	0.0528	M
76 o-Xylene	106		20.009				ND	7
77 Styrene	104		20.047				ND	
79 Bromoform	173		20.395				ND	
80 Isopropylbenzene	105		20.716				ND	7
81 1,1,2,2-Tetrachloroethane	83		21.234				ND	
83 N-Propylbenzene	91		21.438				ND	
84 2-Chlorotoluene	91		21.582				ND	
85 4-Ethyltoluene	105		21.636				ND	7
86 1,3,5-Trimethylbenzene	105		21.732				ND	7
89 tert-Butylbenzene	119		22.213				ND	
90 1,2,4-Trimethylbenzene	105		22.304				ND	U
91 sec-Butylbenzene	105		22.545				ND	7
92 1,3-Dichlorobenzene	146		22.716				ND	
93 4-Isopropyltoluene	119		22.759				ND	7
94 1,4-Dichlorobenzene	146		22.855				ND	
95 Benzyl chloride	91		23.000				ND	
96 n-Butylbenzene	91		23.310				ND	
97 1,2-Dichlorobenzene	146		23.342				ND	
100 1,2,4-Trichlorobenzene	180		25.766				ND	
101 Hexachlorobutadiene	225		26.012				ND	
102 Naphthalene	128		26.236				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

Eurofins TestAmerica, Burlington
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Lims ID:	200-60355-A-1				
Client ID:	IA-1_20210929				
Sample Type:	Client				
Inject. Date:	08-Oct-2021 16:56:30	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	200-0047894-010				
Misc. Info.:	60355-1				
Operator ID:	vtp	Instrument ID:	CHW.i		
Method:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	11-Oct-2021 09:02:29	Calib Date:	16-Sep-2021 09:57:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Burlington\Database\NIST20.L				
Min. Match:	1				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1666				
First Level Reviewer: bunmaa		Date:	11-Oct-2021 09:02:29		

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
7.111	380097	13.0	39	0	0		0	
		Unknown						
8.491	54905	1.88	39	0	0		0	
		Unknown						
16.709	54325	1.11	70	0	0		0	
	98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-						
18.854	60570	1.24	70	97	54462	C7H4ClF3	180	

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 39 Chlorobromomethane	11.386	292210	10.0
* 70 Chlorobenzene-d5	18.720	489285	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

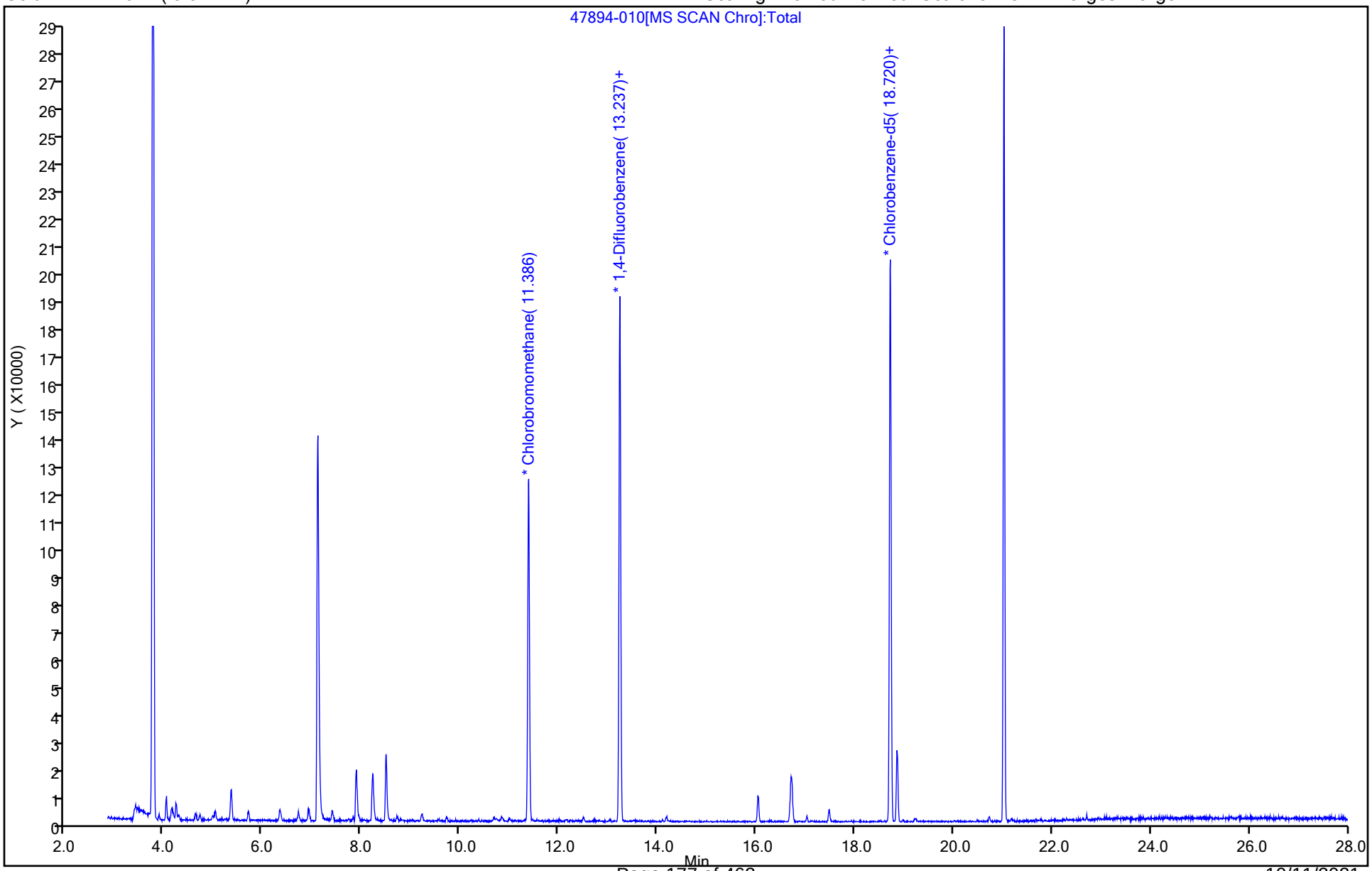
Report Date: 11-Oct-2021 09:02:29 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d

Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1	Worklist Smp#:	10
Client ID:	IA-1_20210929				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

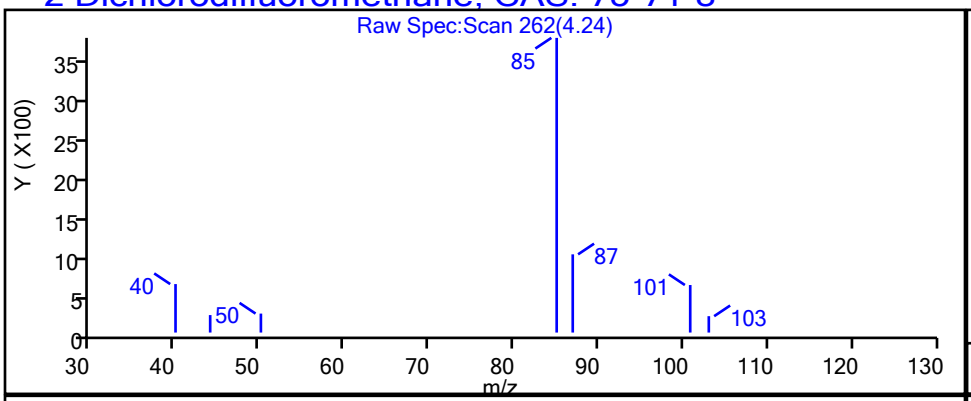
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

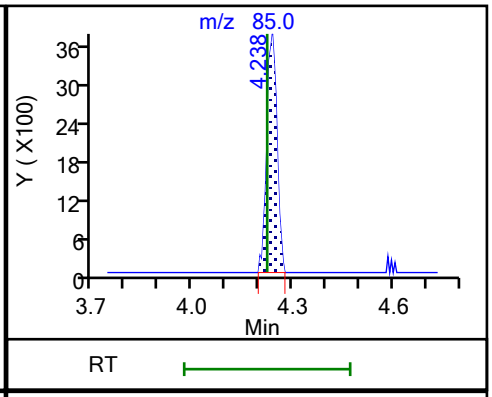


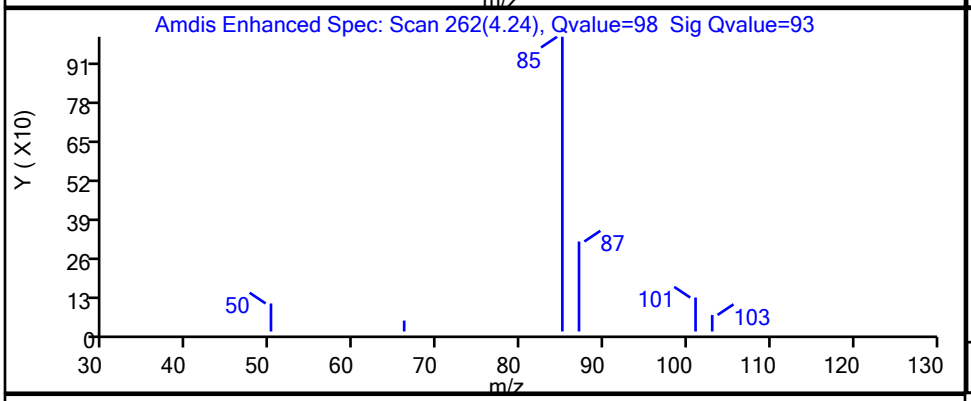
Eurofins TestAmerica, Burlington

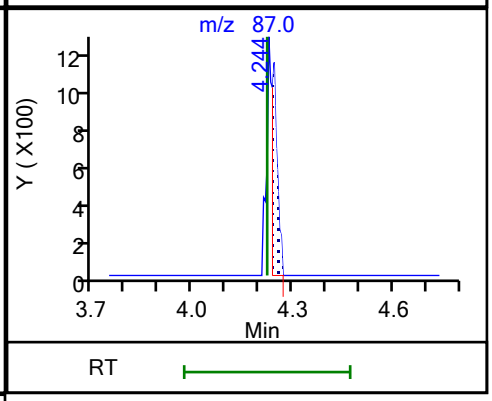
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

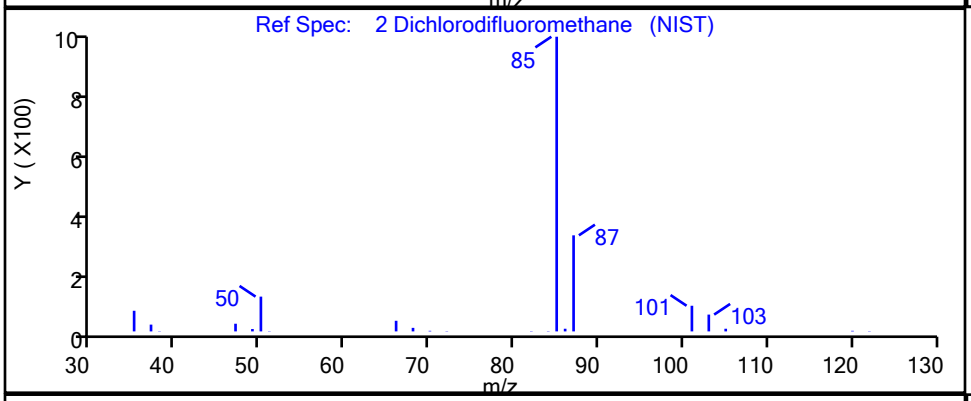
2 Dichlorodifluoromethane, CAS: 75-71-8

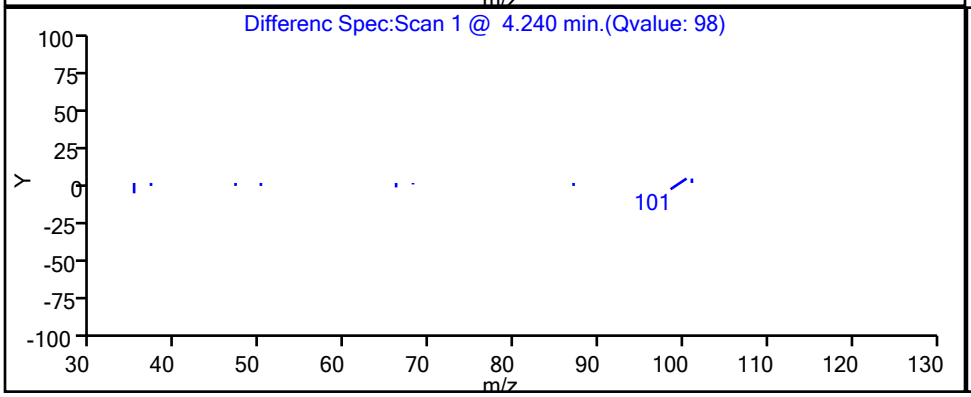


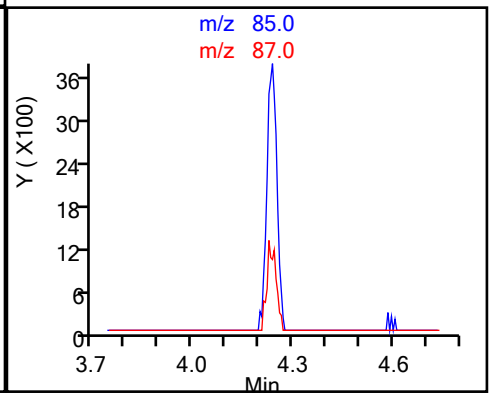








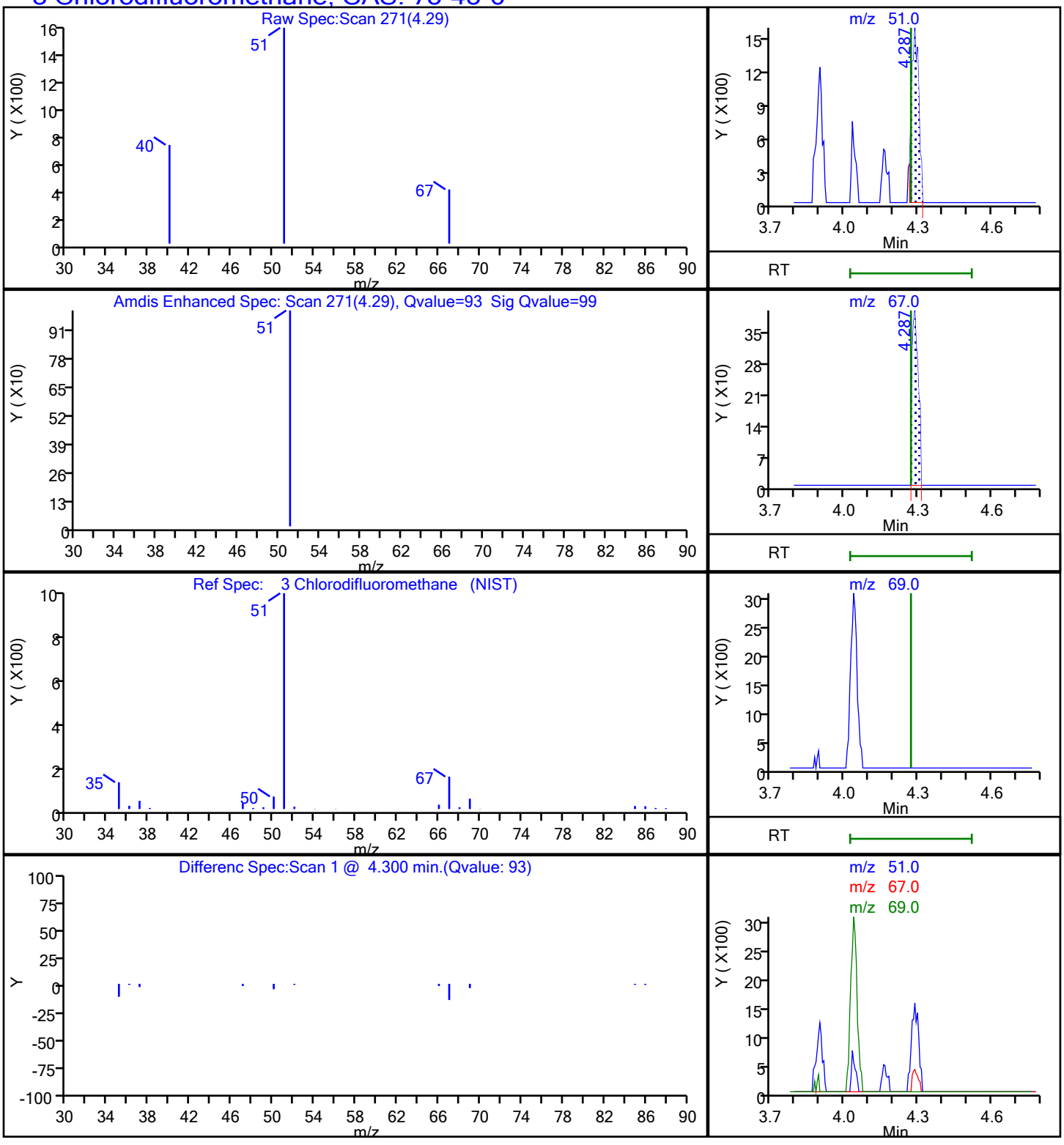




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

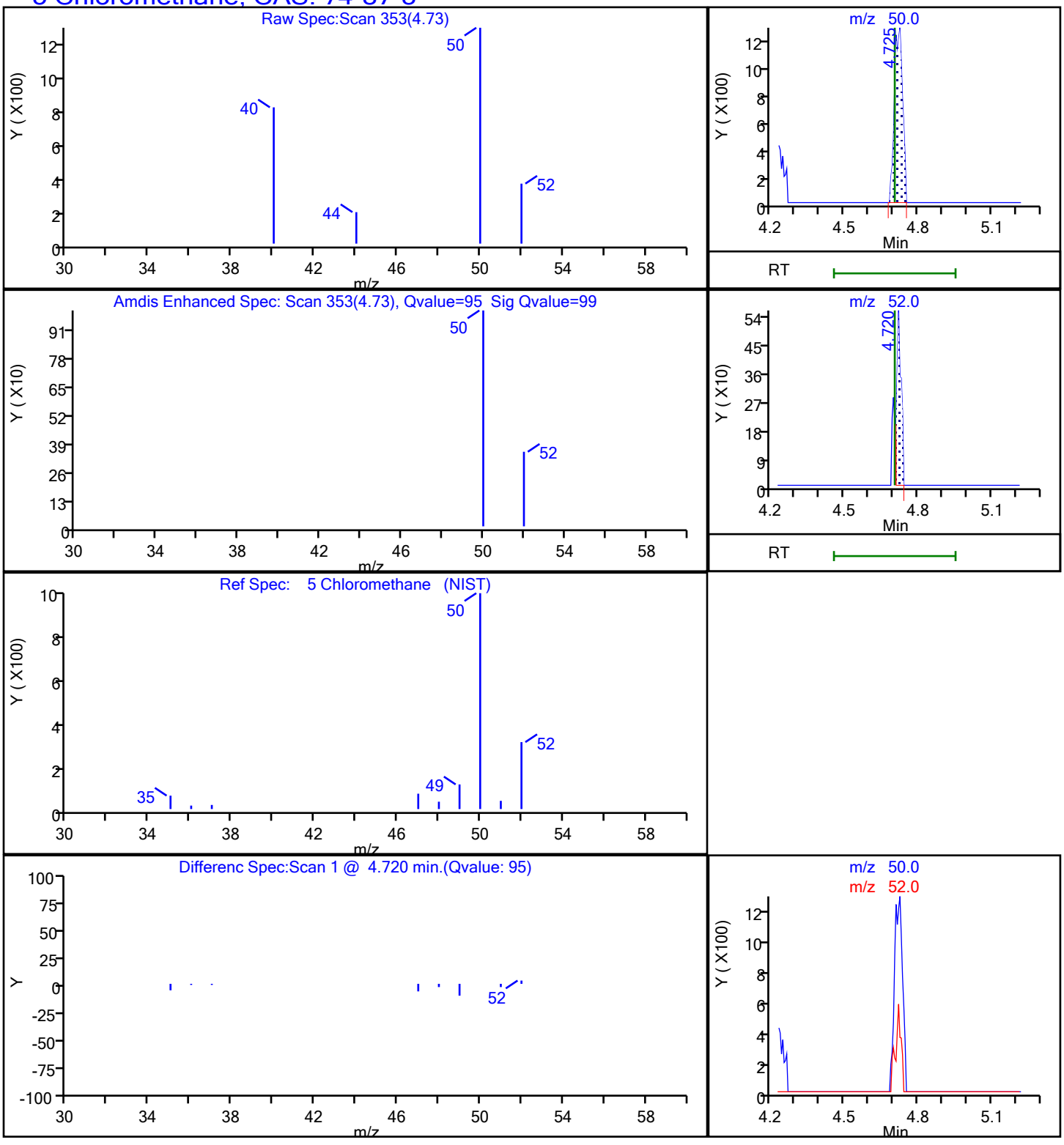
3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

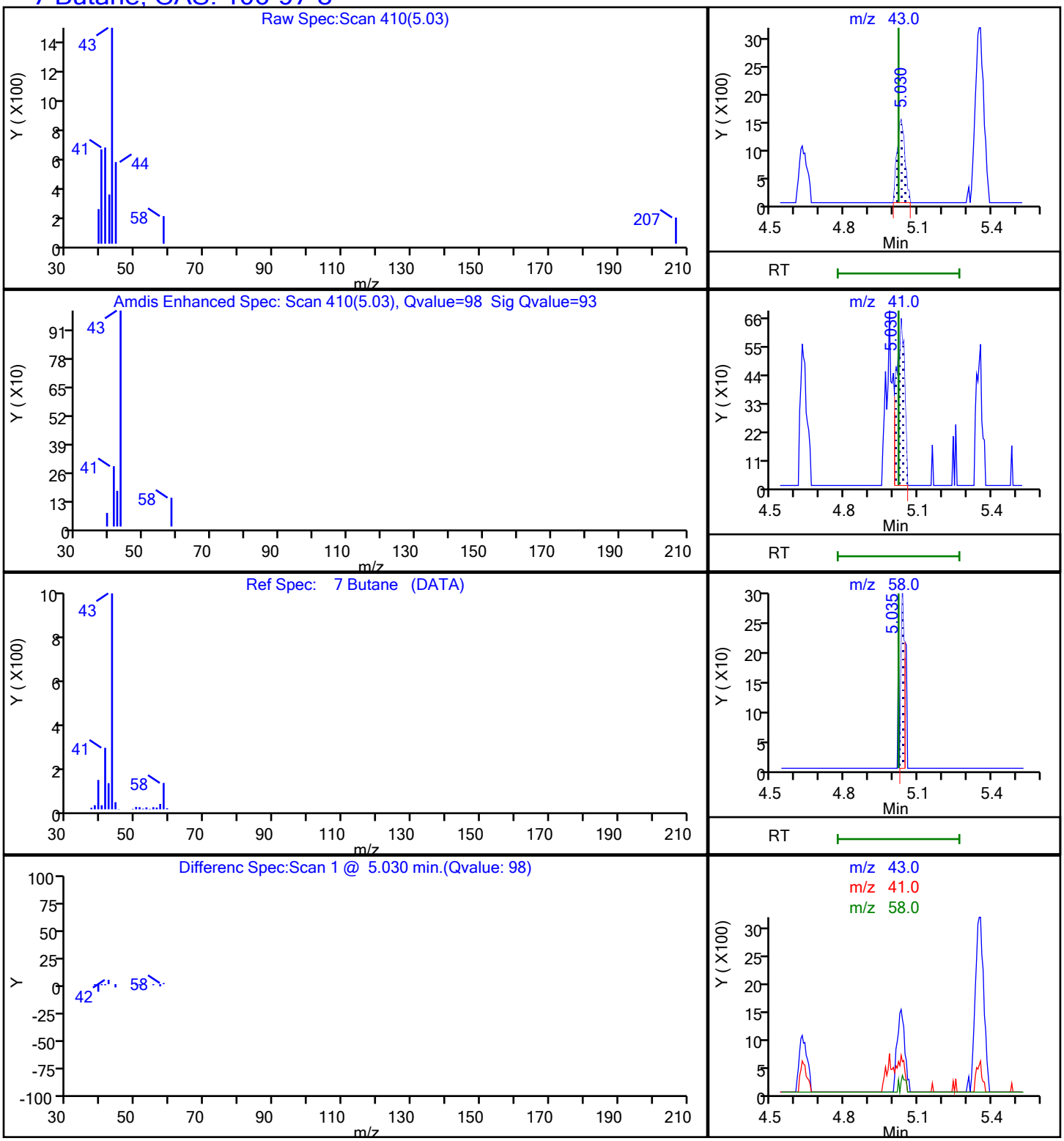
5 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

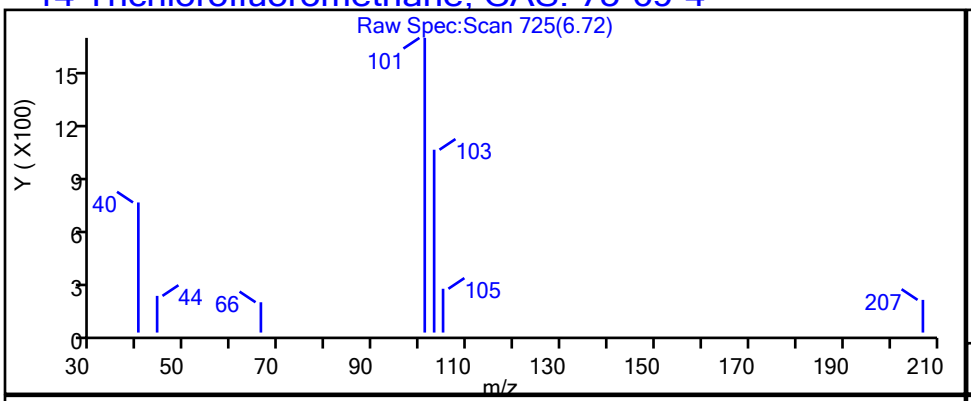
7 Butane, CAS: 106-97-8

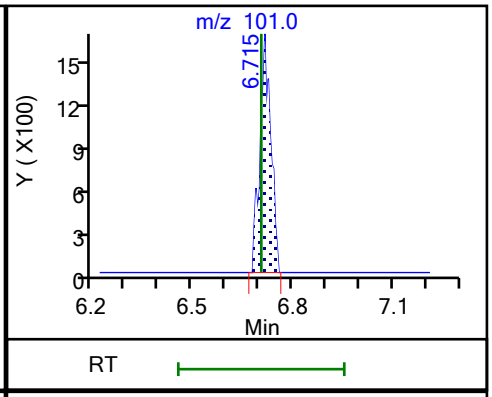


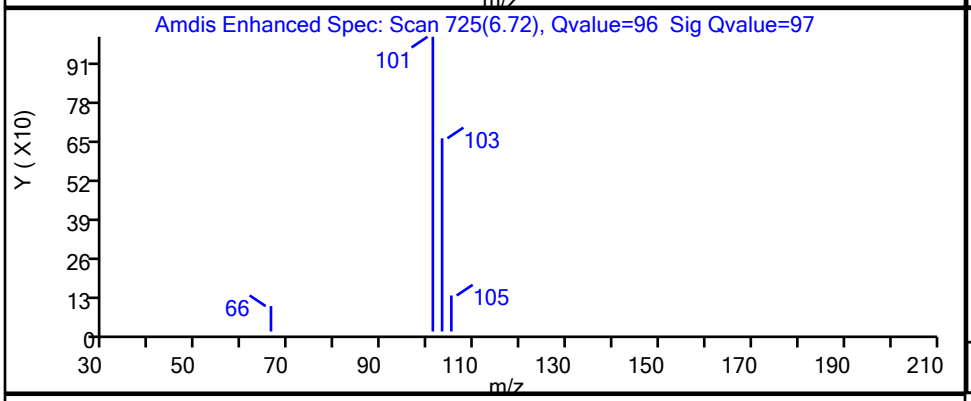
Eurofins TestAmerica, Burlington

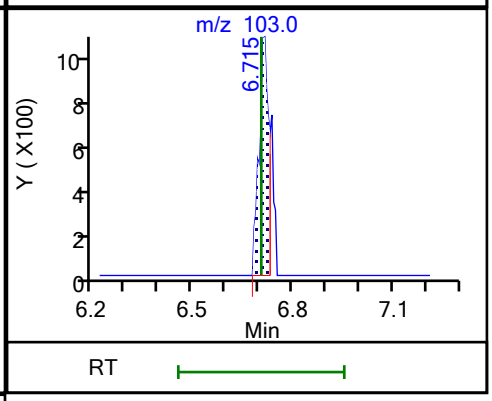
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

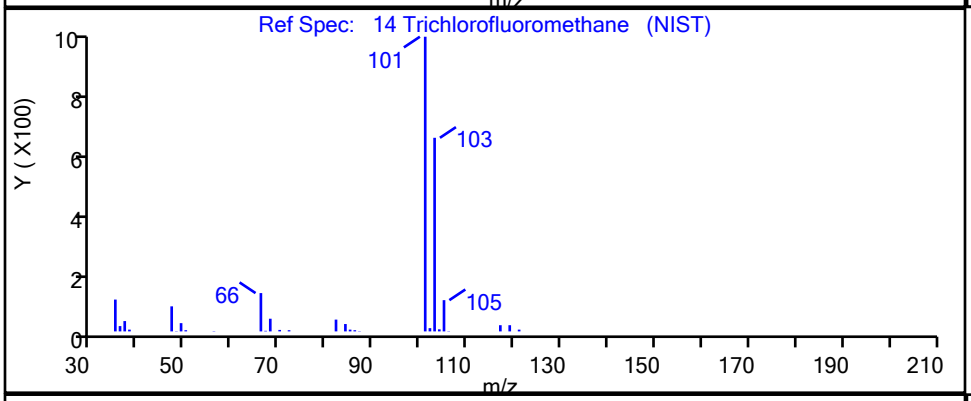
14 Trichlorofluoromethane, CAS: 75-69-4

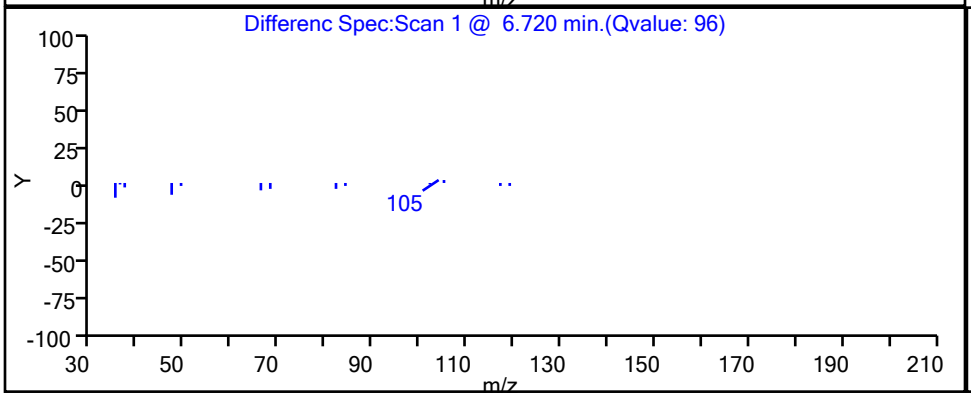


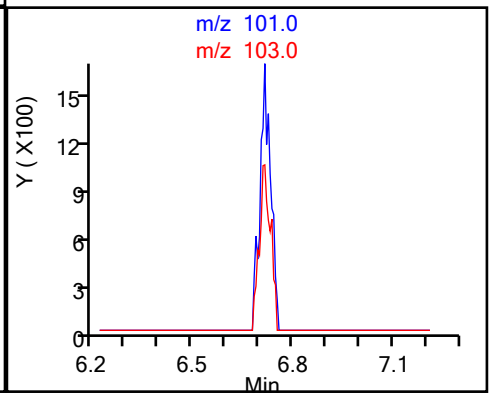








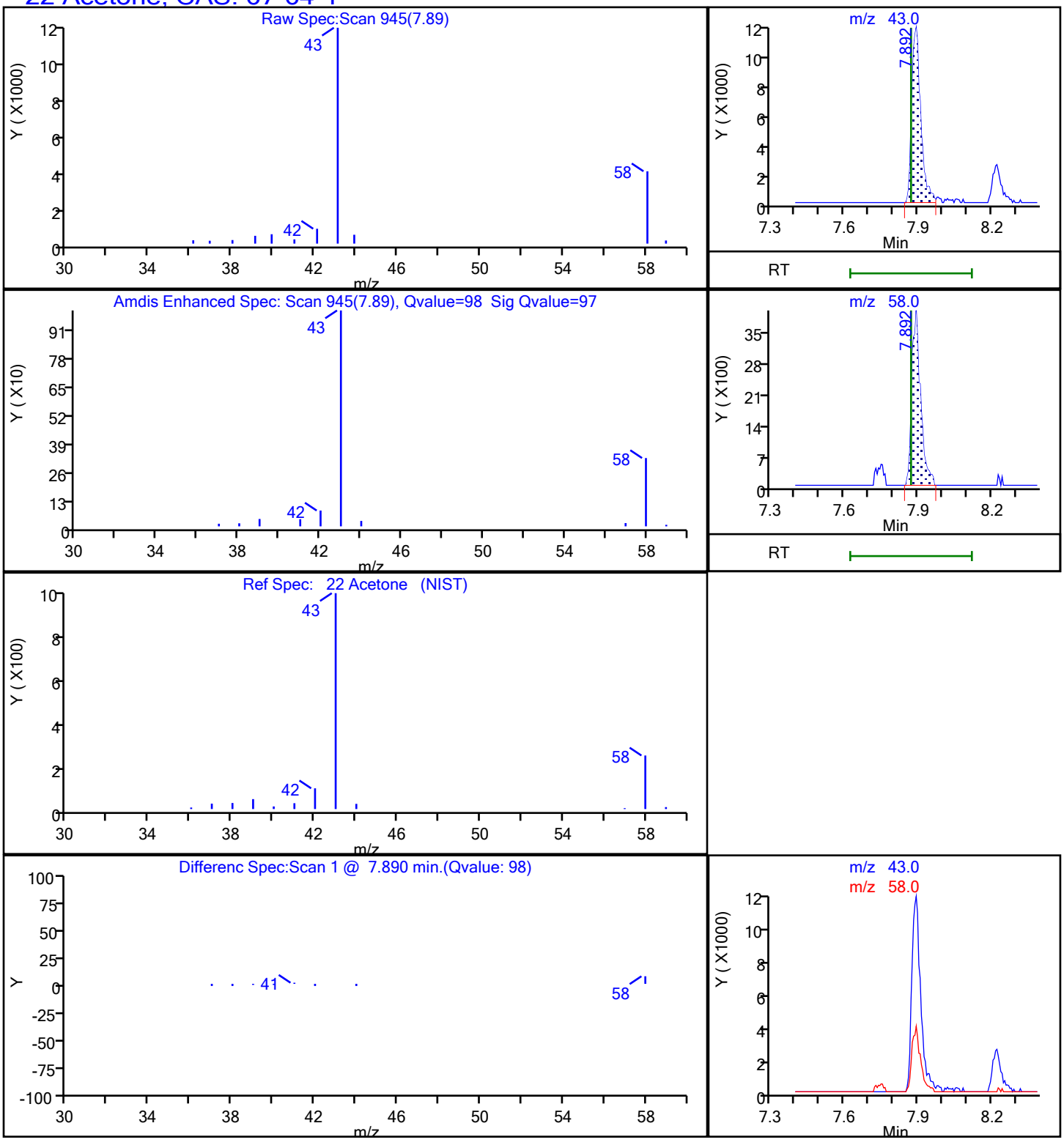




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

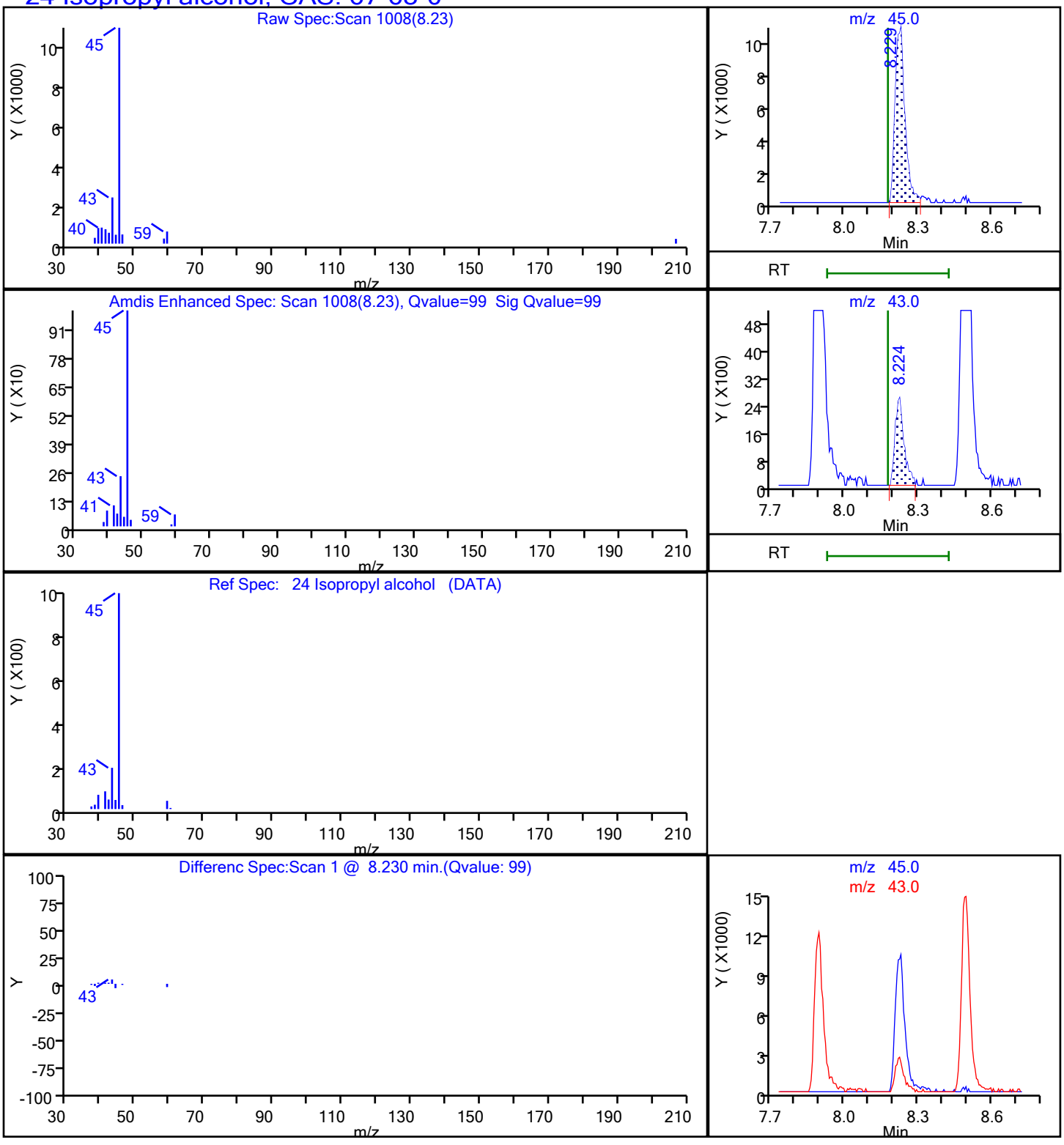
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

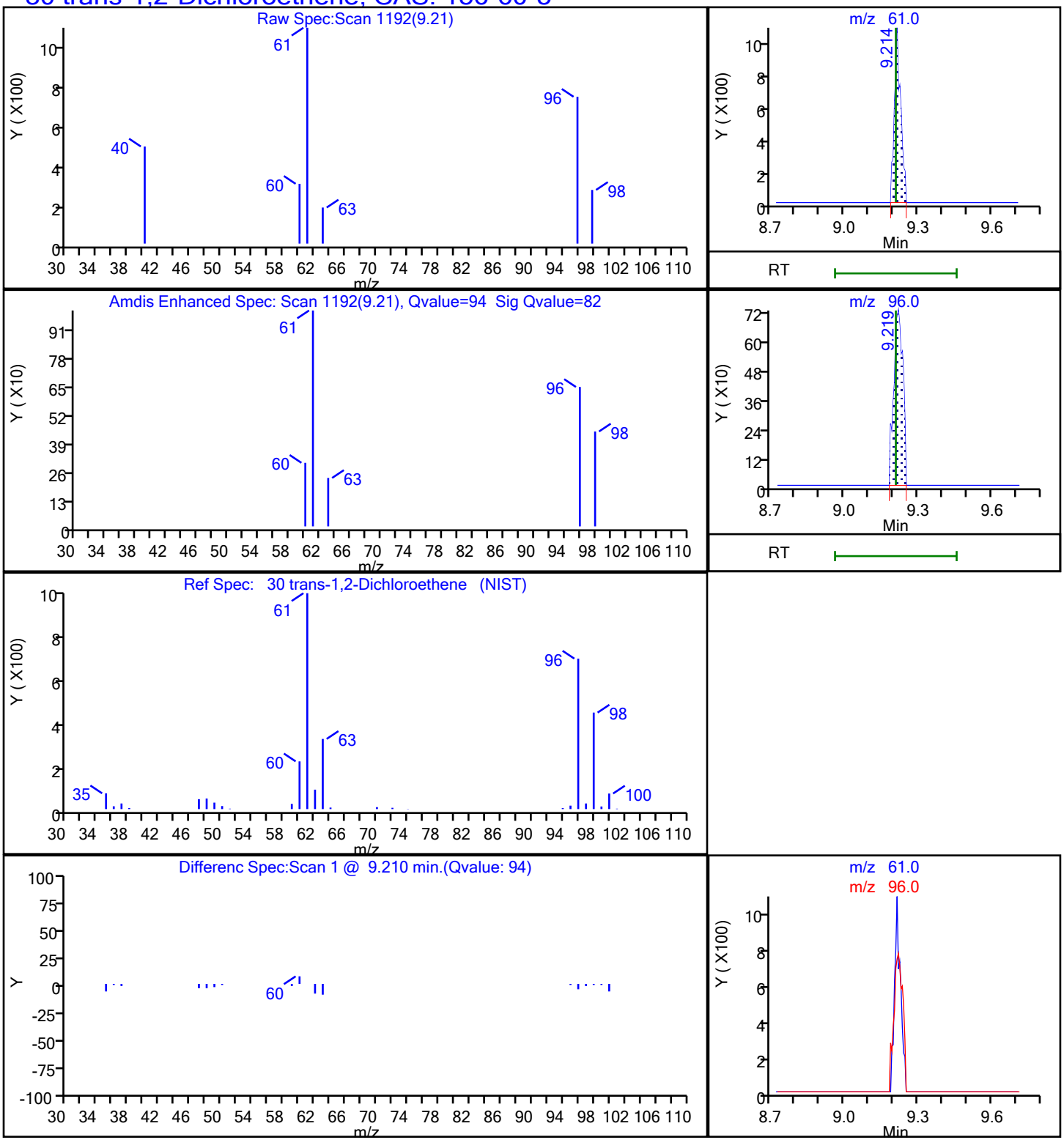
24 Isopropyl alcohol, CAS: 67-63-0



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

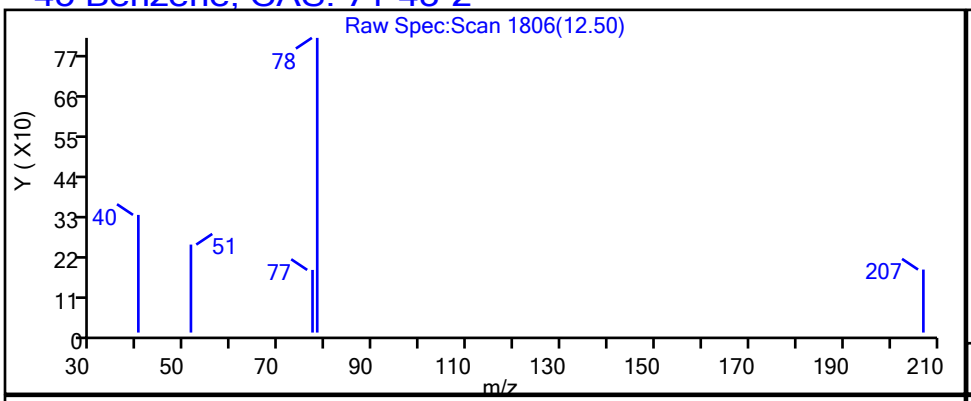
30 trans-1,2-Dichloroethene, CAS: 156-60-5

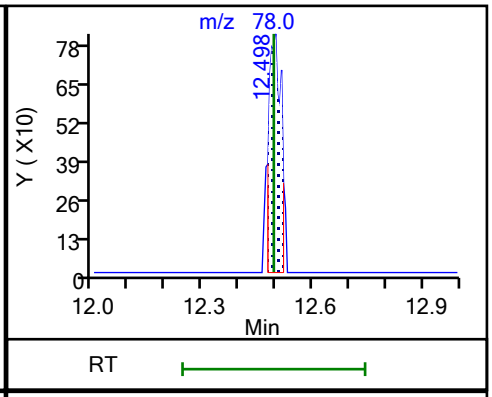


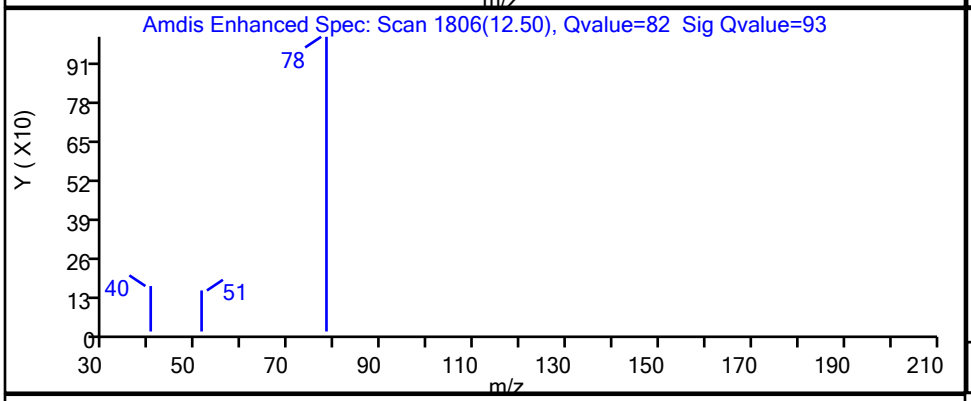
Eurofins TestAmerica, Burlington

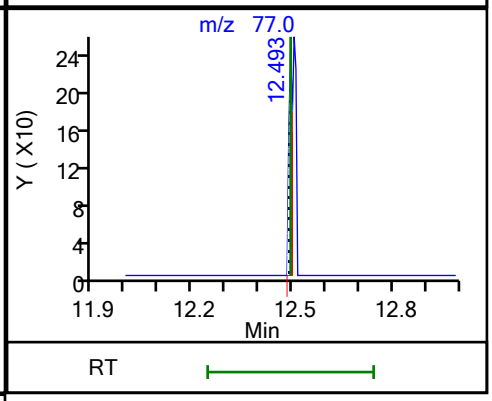
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

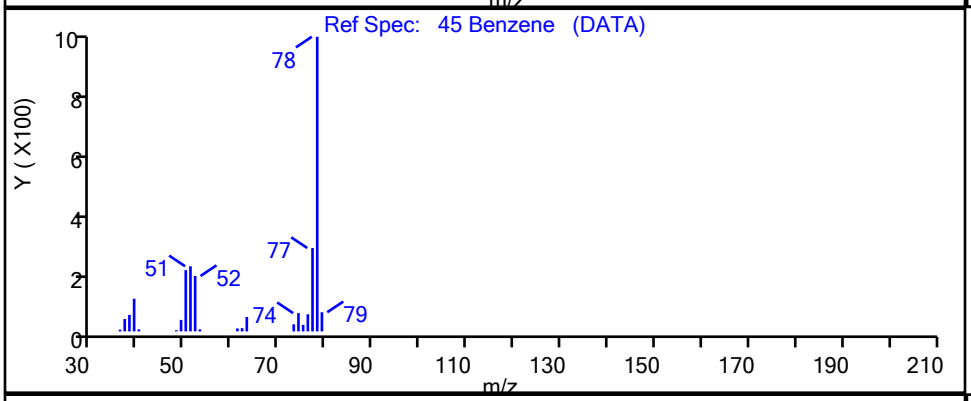
45 Benzene, CAS: 71-43-2

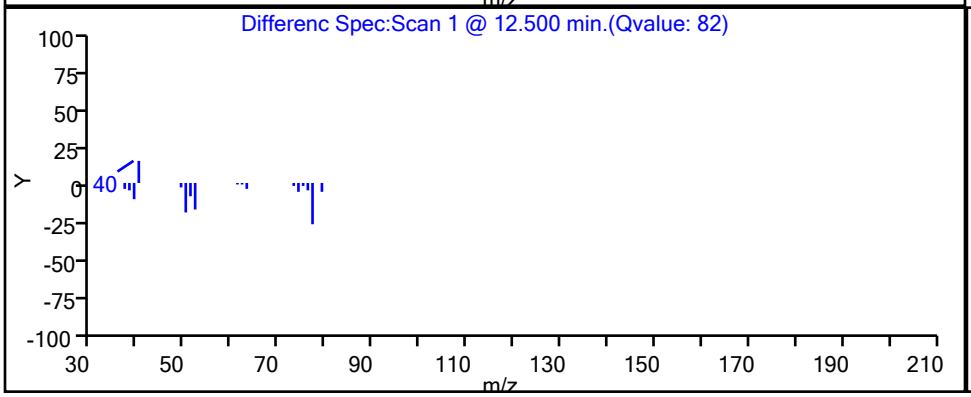


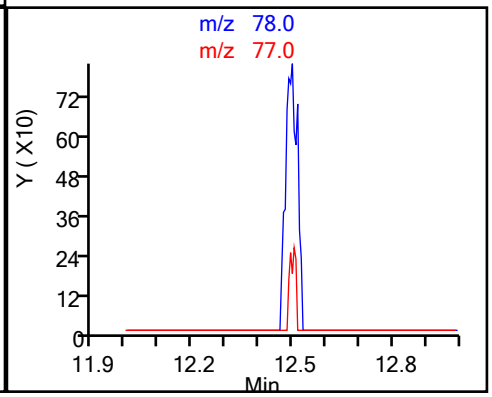










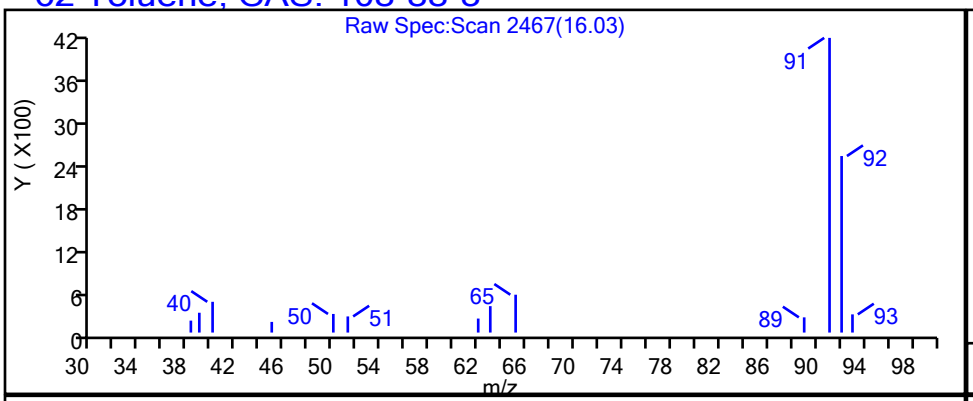


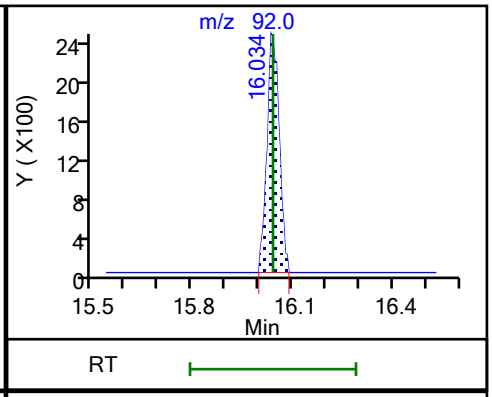
Report Date: 11-Oct-2021 09:02:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

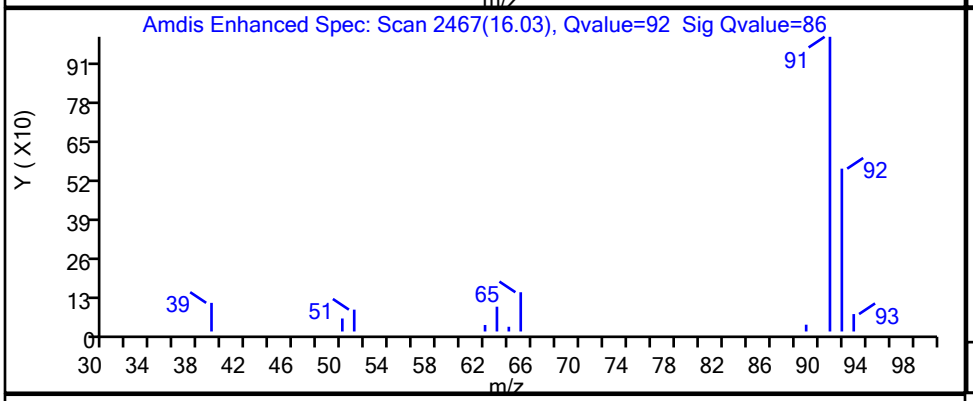
Eurofins TestAmerica, Burlington

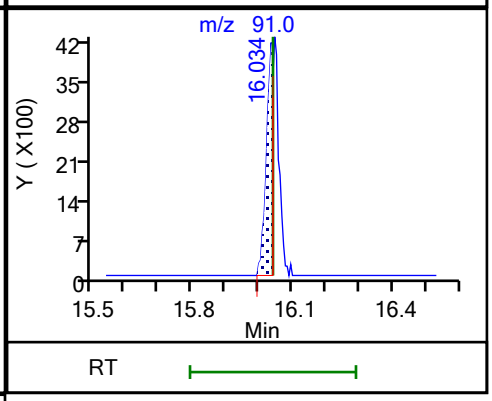
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

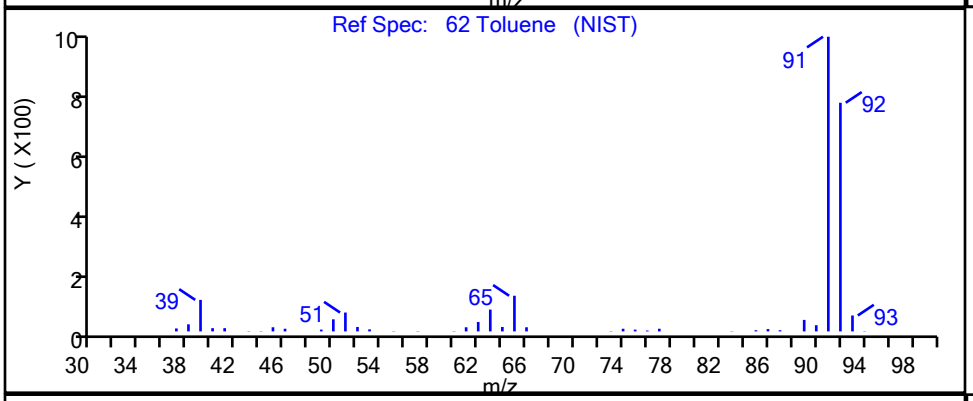
62 Toluene, CAS: 108-88-3

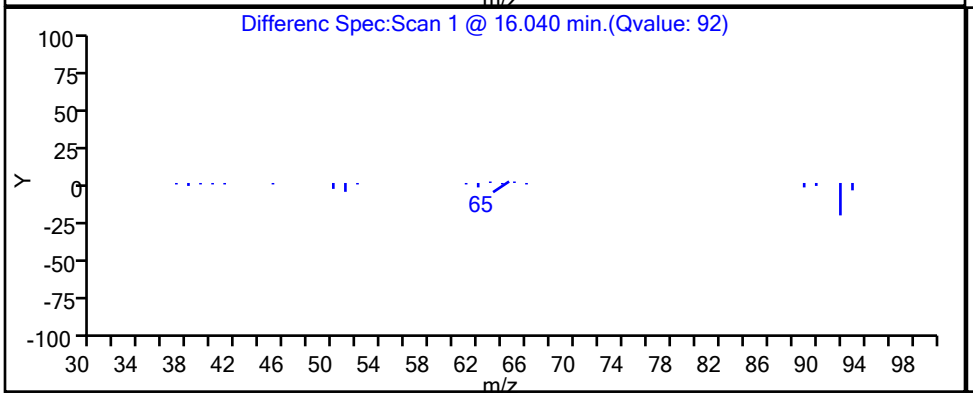


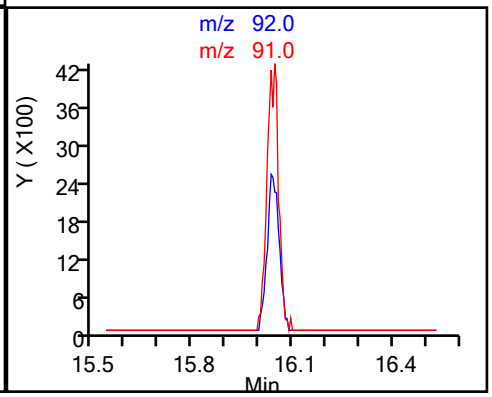








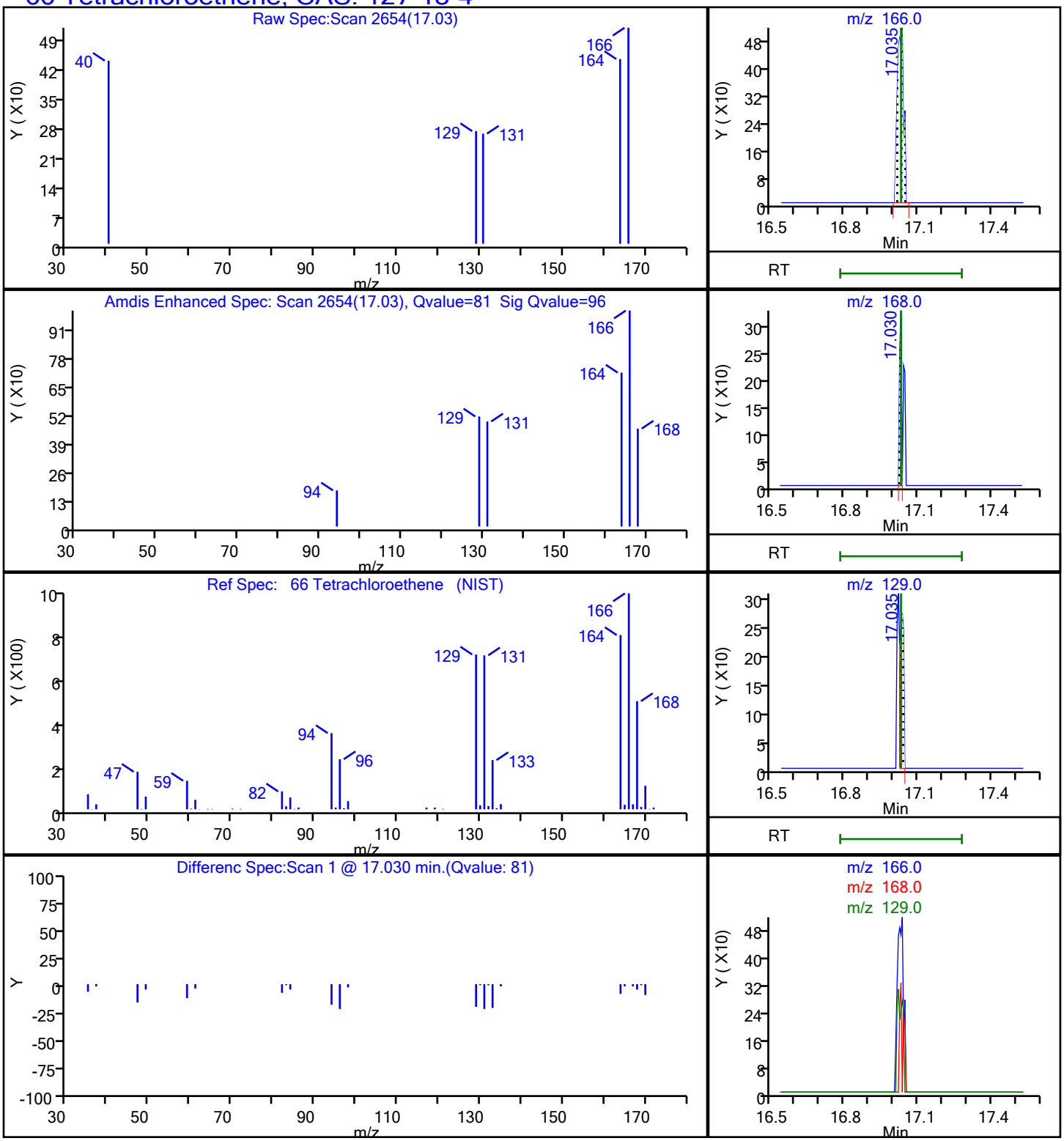




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Burlington

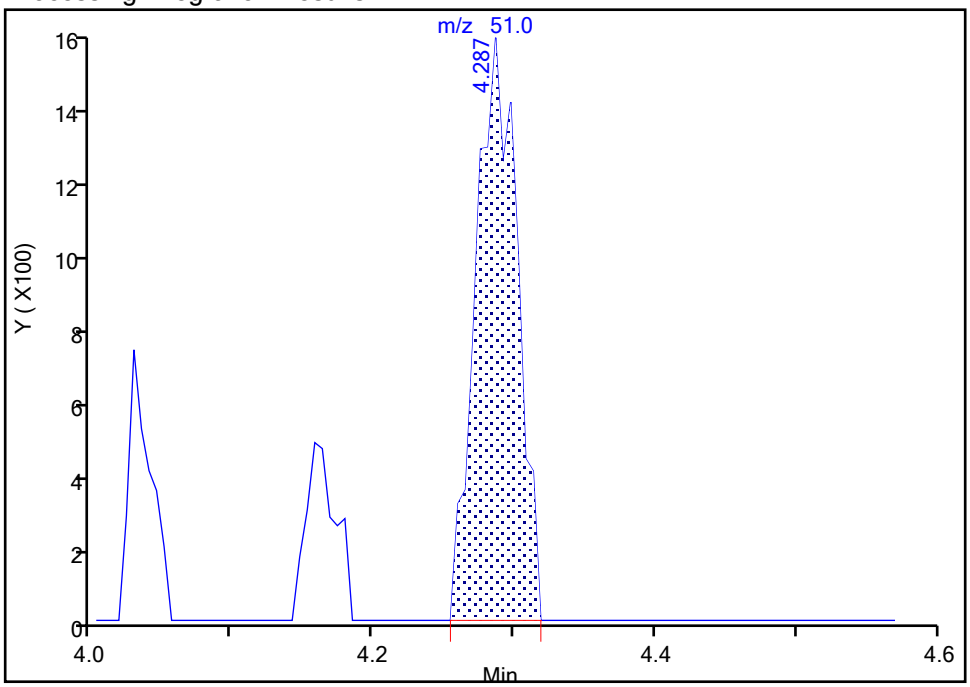
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

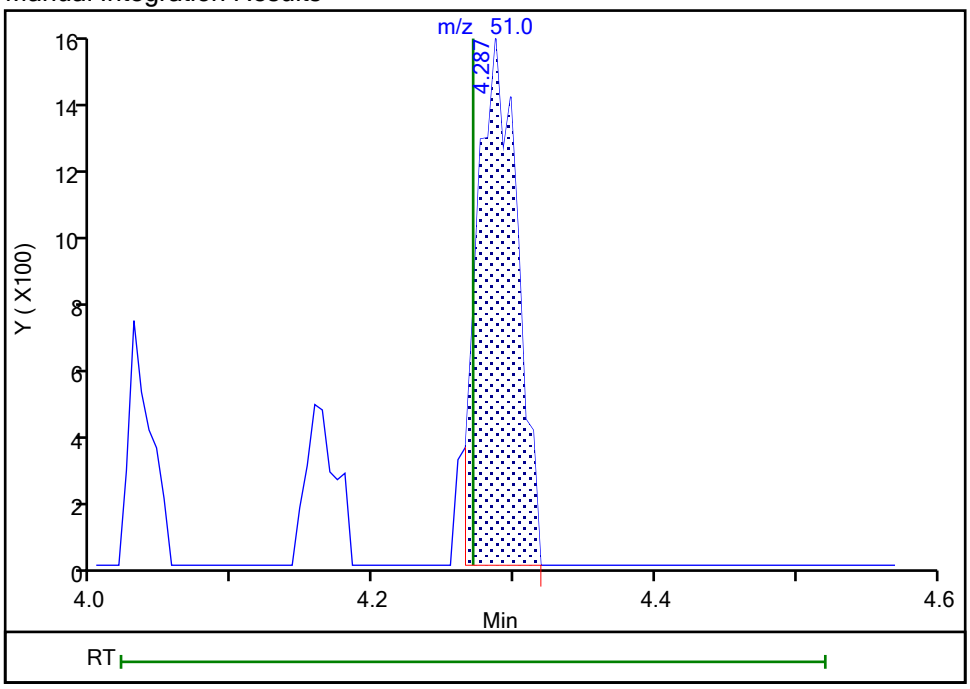
Processing Integration Results

RT: 4.29
Area: 3184
Amount: 0.210760
Amount Units: ppb v/v



Manual Integration Results

RT: 4.29
Area: 3084
Amount: 0.204140
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 08:55:28
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

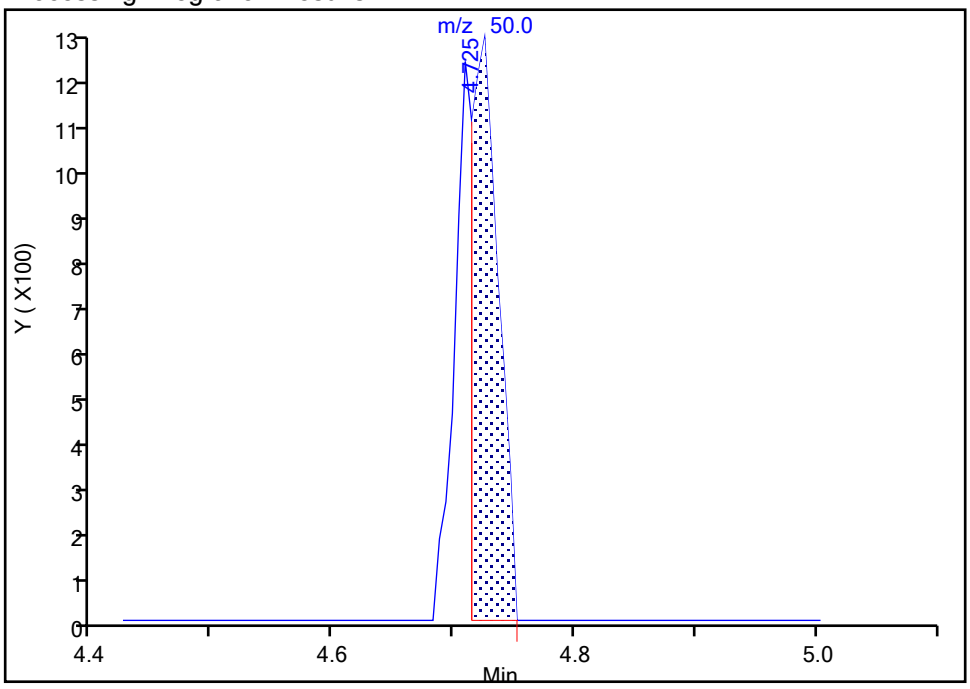
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

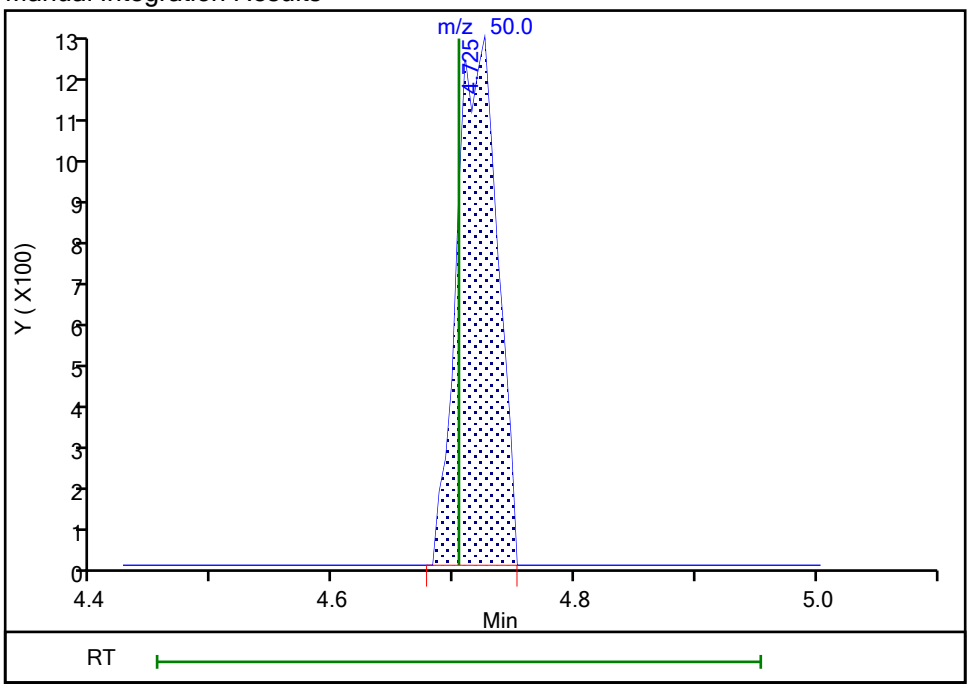
Processing Integration Results

RT: 4.73
Area: 1944
Amount: 0.248661
Amount Units: ppb v/v



Manual Integration Results

RT: 4.73
Area: 2881
Amount: 0.368515
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 08:55:52
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

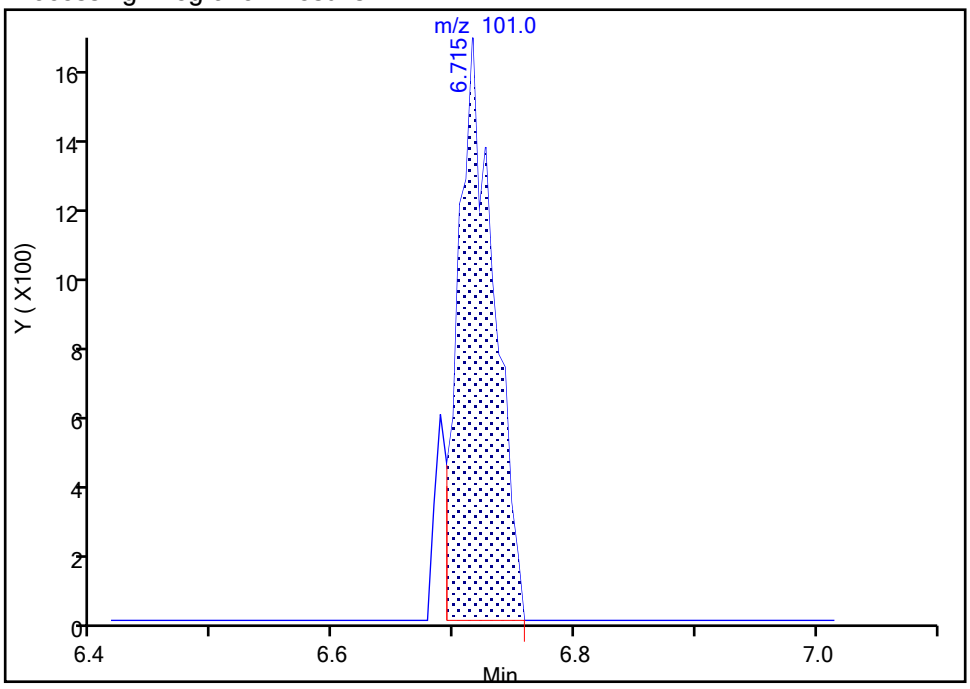
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

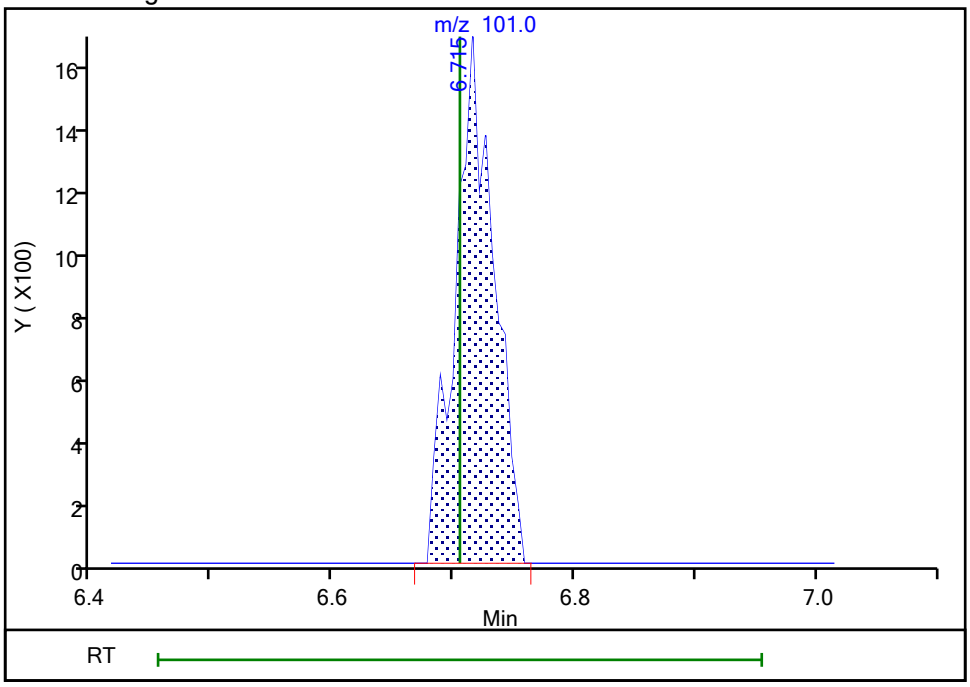
Processing Integration Results

RT: 6.72
Area: 3314
Amount: 0.123711
Amount Units: ppb v/v



Manual Integration Results

RT: 6.72
Area: 3600
Amount: 0.134387
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 08:56:18
Audit Action: Manually Integrated Audit Reason: Assign Peak

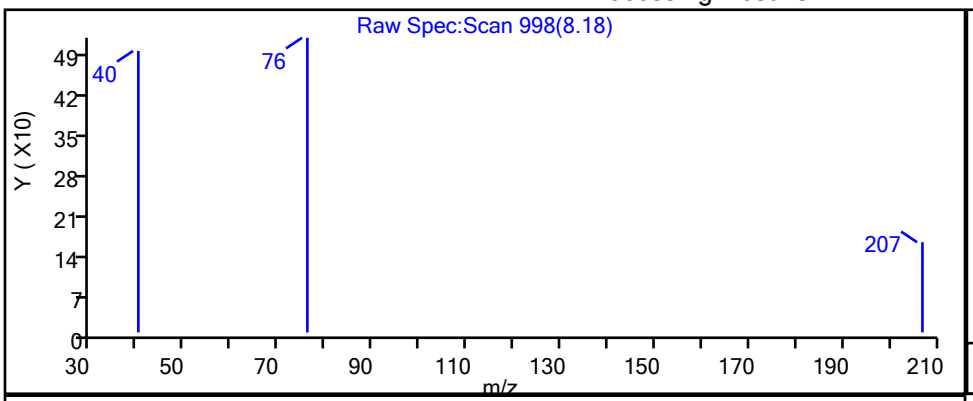
User Disabled Compound Report

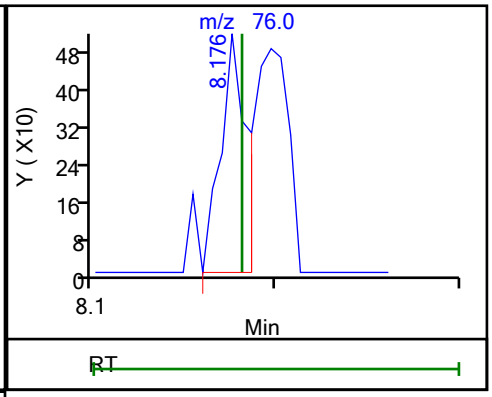
Eurofins TestAmerica, Burlington

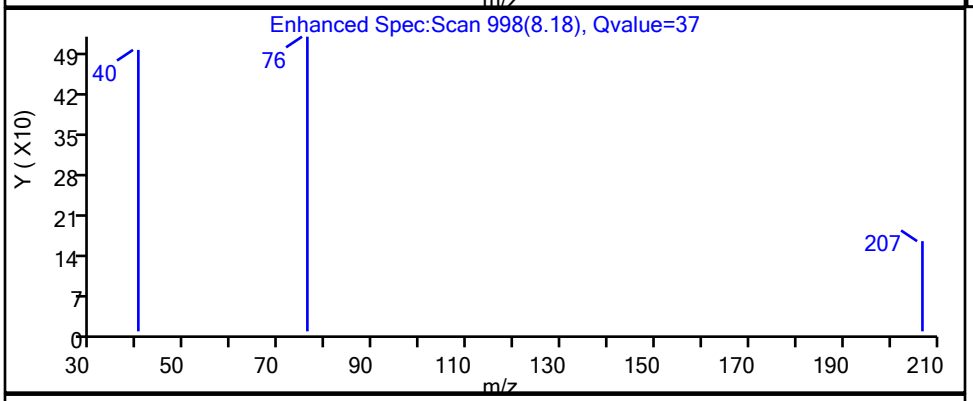
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

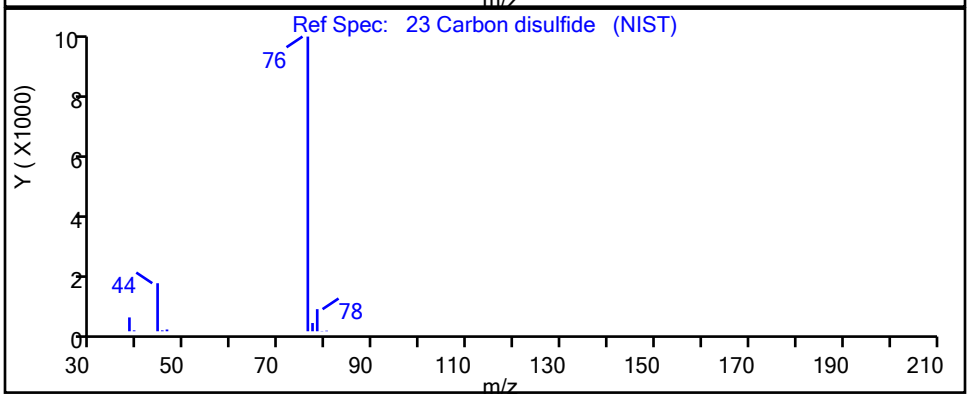
23 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.18	76.00	506	0.025283

Reviewer: bunmaa, 11-Oct-2021 08:57:14

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

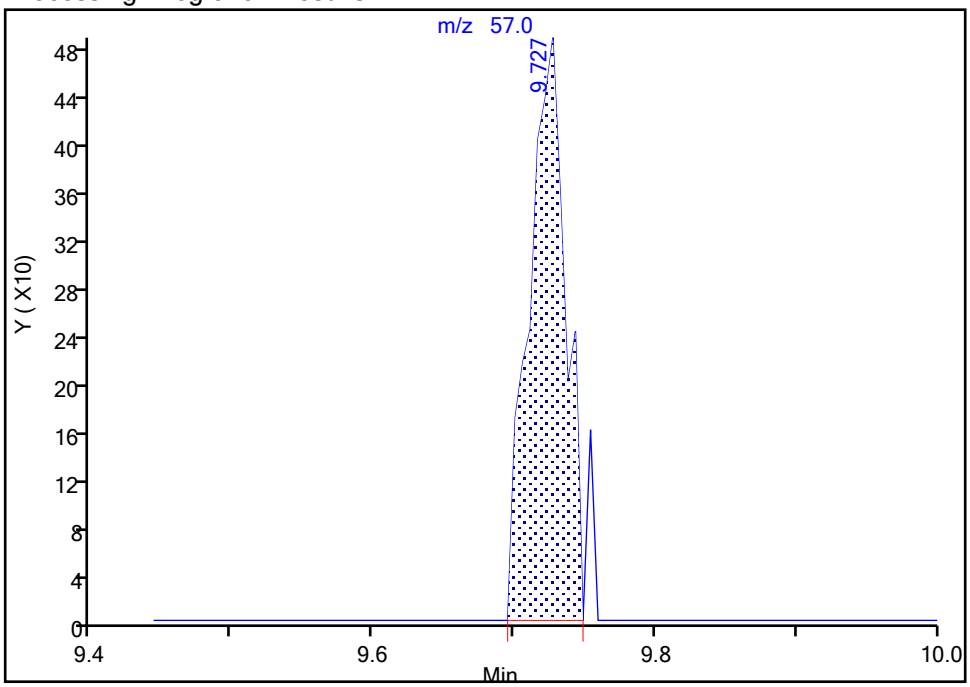
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Signal: 1

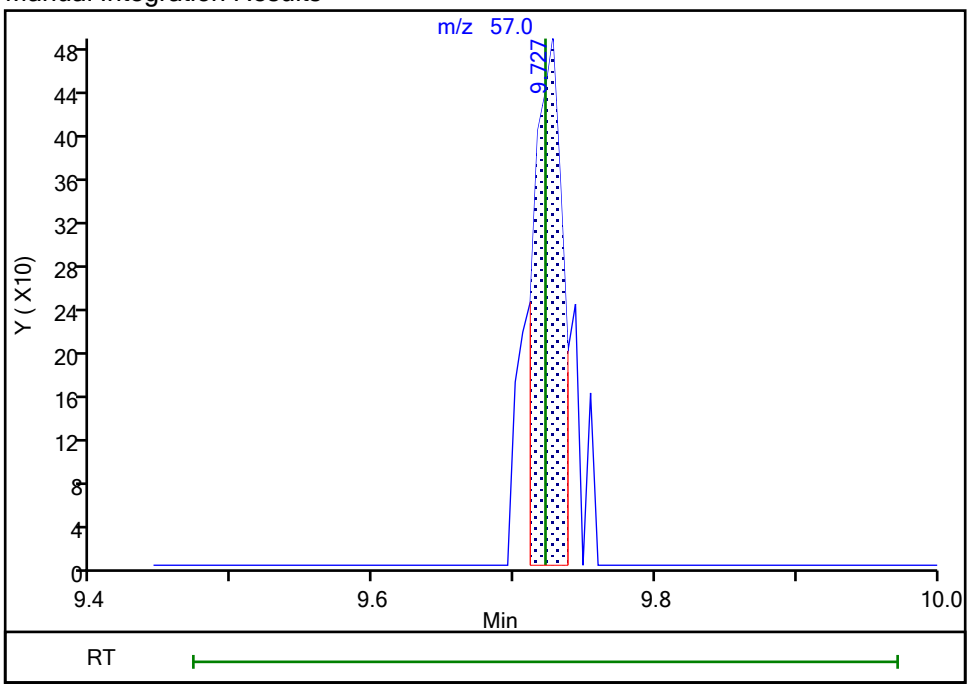
Processing Integration Results

RT: 9.73
Area: 880
Amount: 0.097536
Amount Units: ppb v/v



Manual Integration Results

RT: 9.73
Area: 680
Amount: 0.075369
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 08:58:14

Audit Action: Manually Integrated Audit Reason: Assign Peak

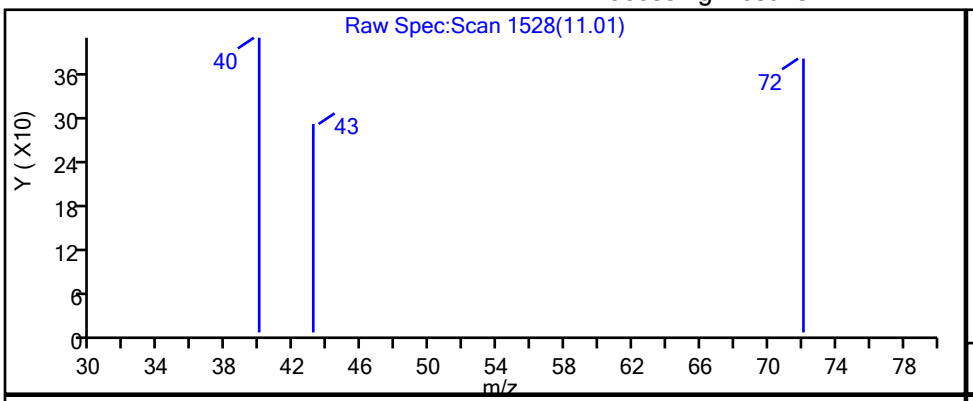
User Disabled Compound Report

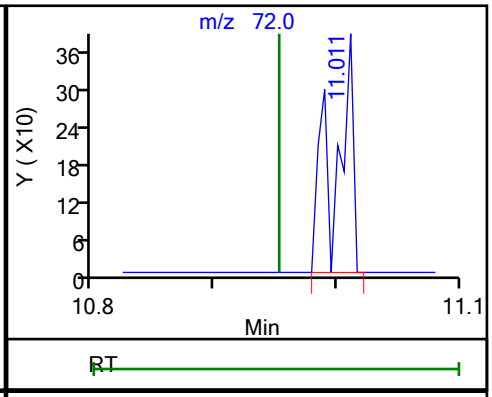
Eurofins TestAmerica, Burlington

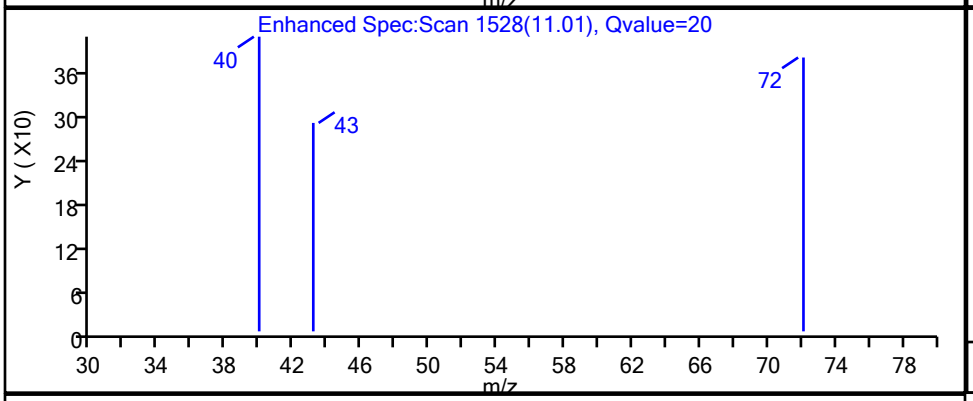
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

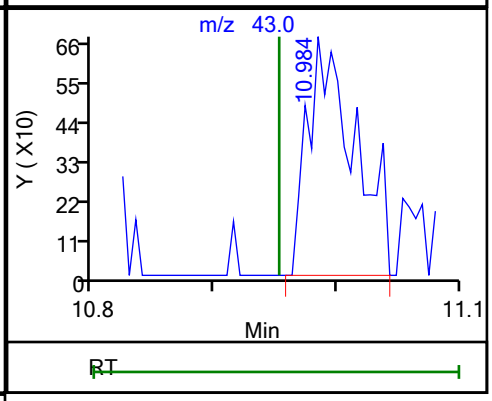
37 2-Butanone (MEK), CAS: 78-93-3

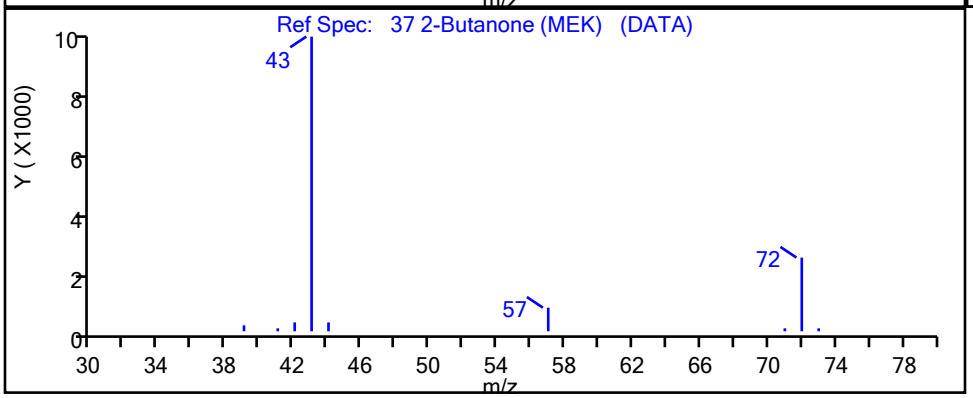
Processing Results











RT	Mass	Response	Amount
11.01	72.00	398	0.147183
10.98	43.00	1796	

Reviewer: bunmaa, 11-Oct-2021 08:58:47

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

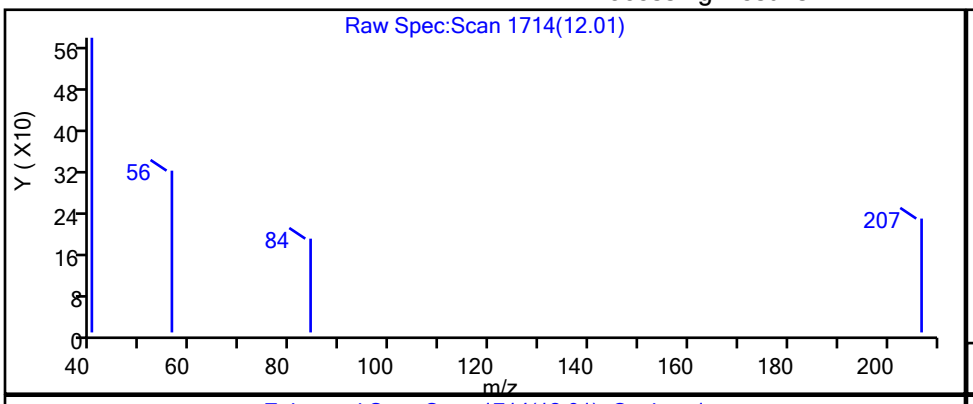
User Disabled Compound Report

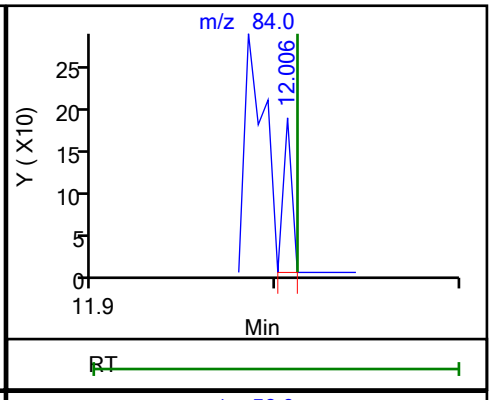
Eurofins TestAmerica, Burlington

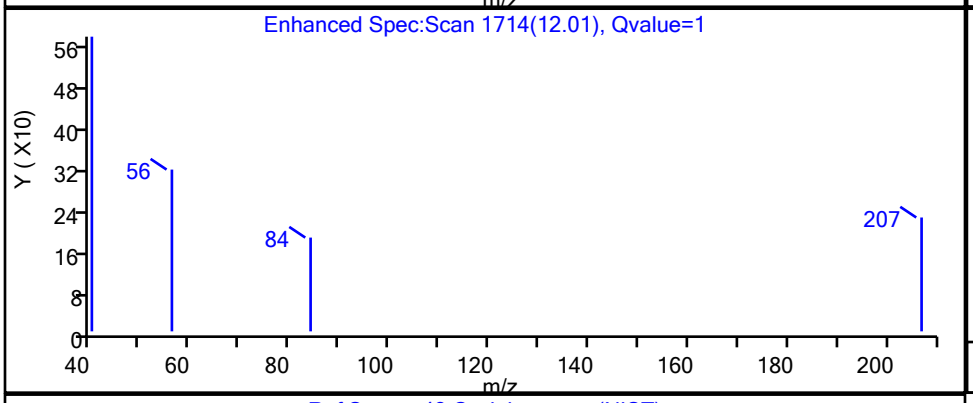
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

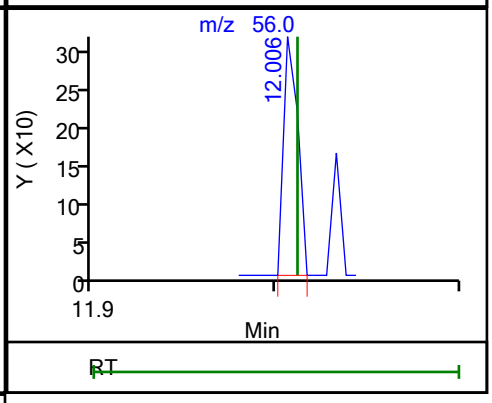
43 Cyclohexane, CAS: 110-82-7

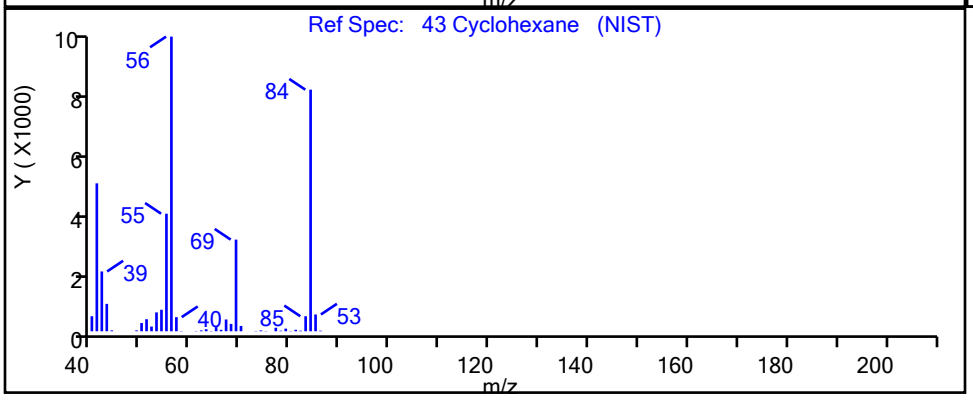
Processing Results











RT	Mass	Response	Amount
12.01	84.00	58	0.006859
12.01	56.00	170	

Reviewer: bunmaa, 11-Oct-2021 08:59:00

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

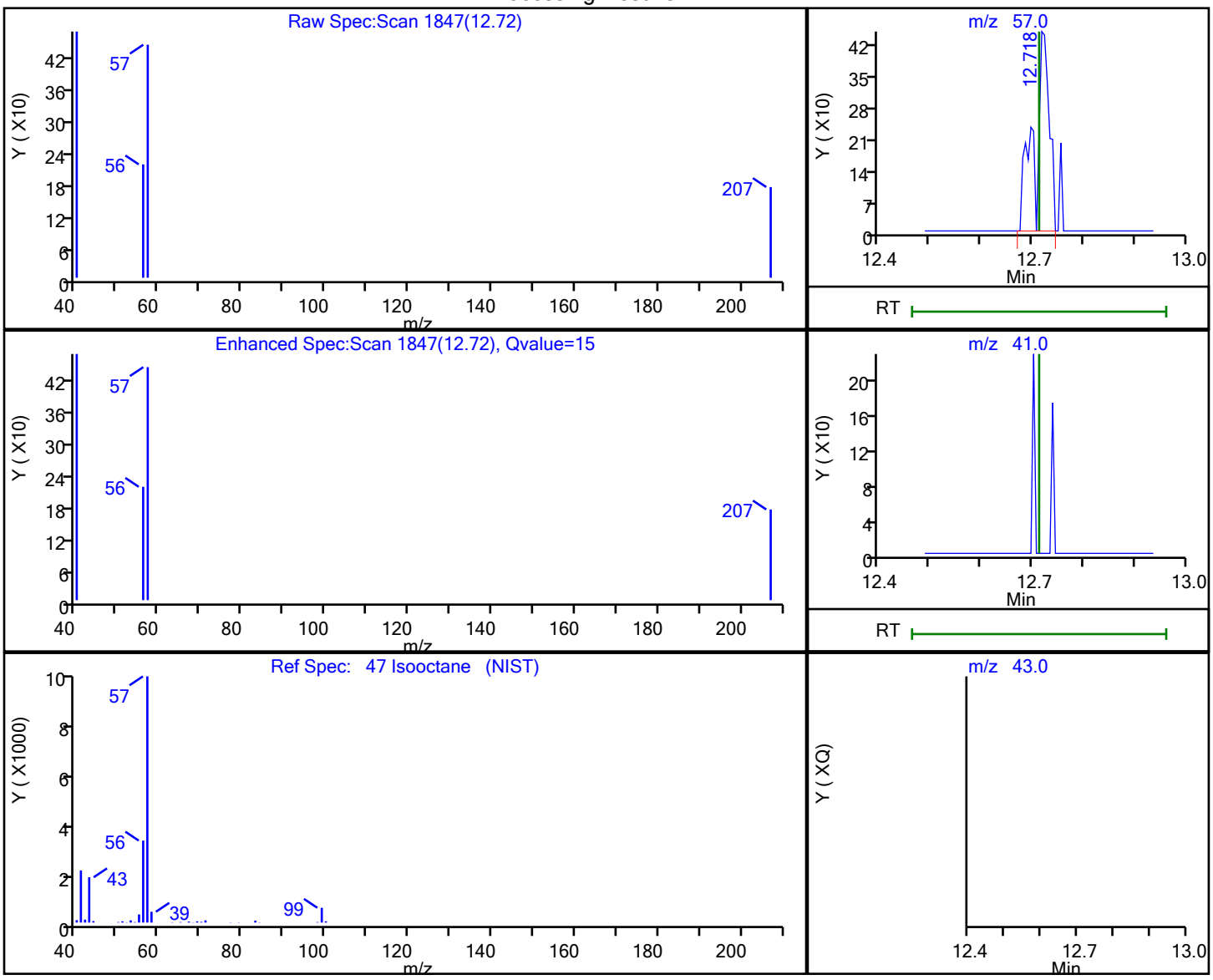
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
12.72	57.00	899	0.034076
12.71	41.00	0	
12.71	43.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:00:11

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

Eurofins TestAmerica, Burlington

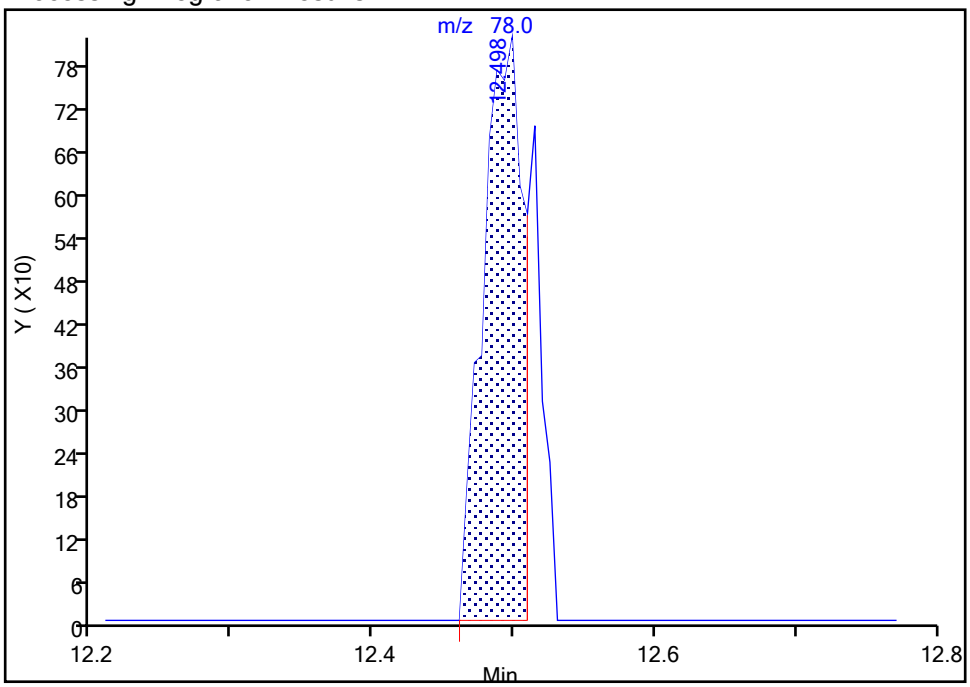
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

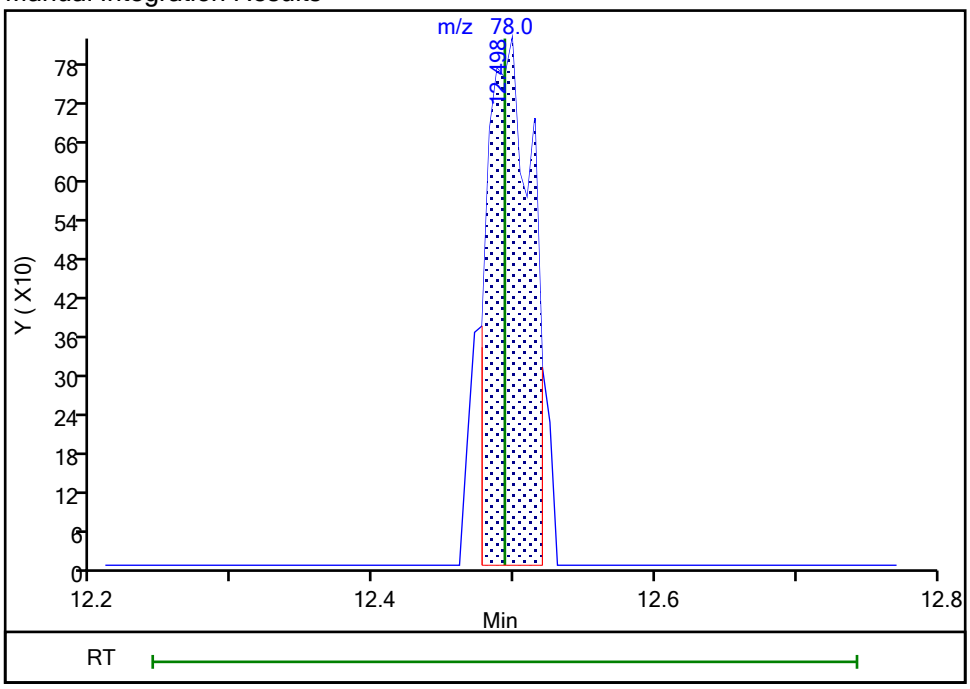
Processing Integration Results

RT: 12.50
Area: 1636
Amount: 0.087805
Amount Units: ppb v/v



Manual Integration Results

RT: 12.50
Area: 1781
Amount: 0.095588
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 08:59:16
Audit Action: Manually Integrated Audit Reason: Assign Peak

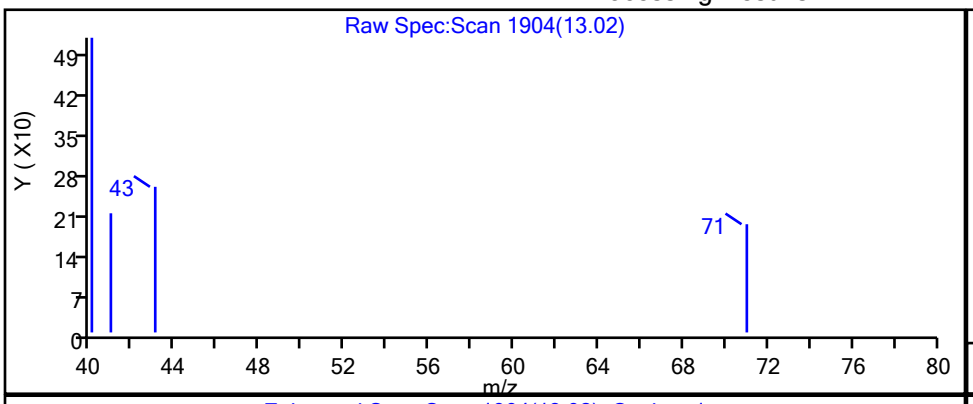
User Disabled Compound Report

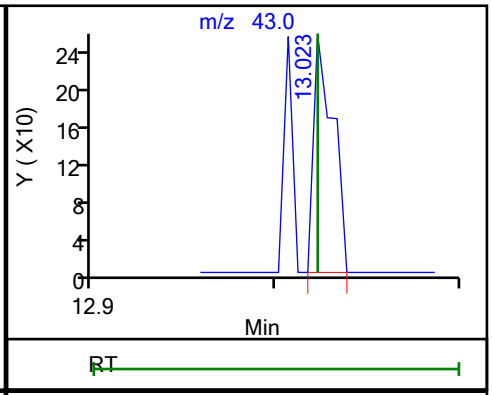
Eurofins TestAmerica, Burlington

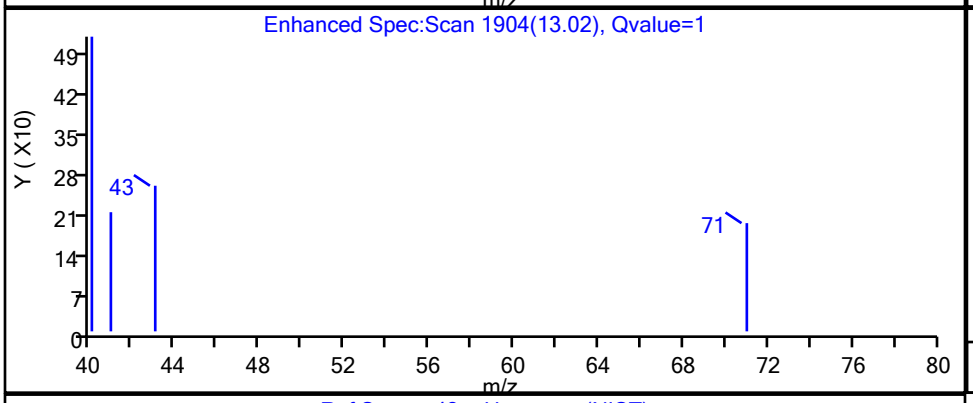
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

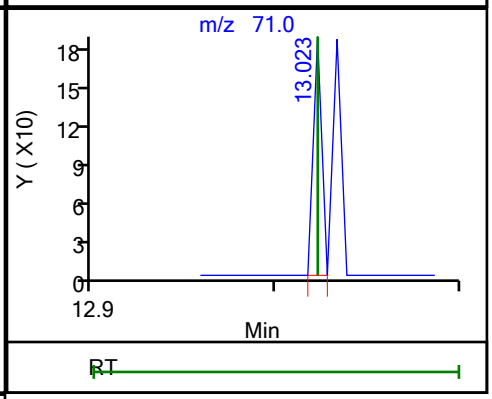
48 n-Heptane, CAS: 142-82-5

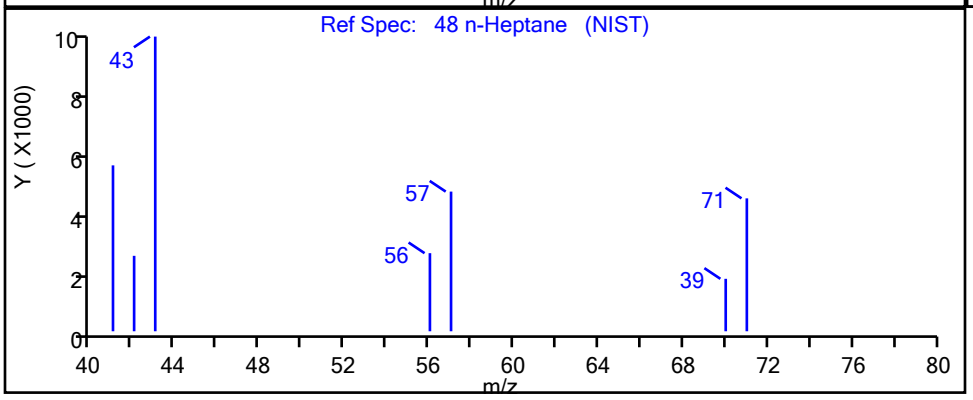
Processing Results











RT	Mass	Response	Amount
13.02	43.00	186	0.019158
13.02	71.00	60	

Reviewer: bunmaa, 11-Oct-2021 09:00:22

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

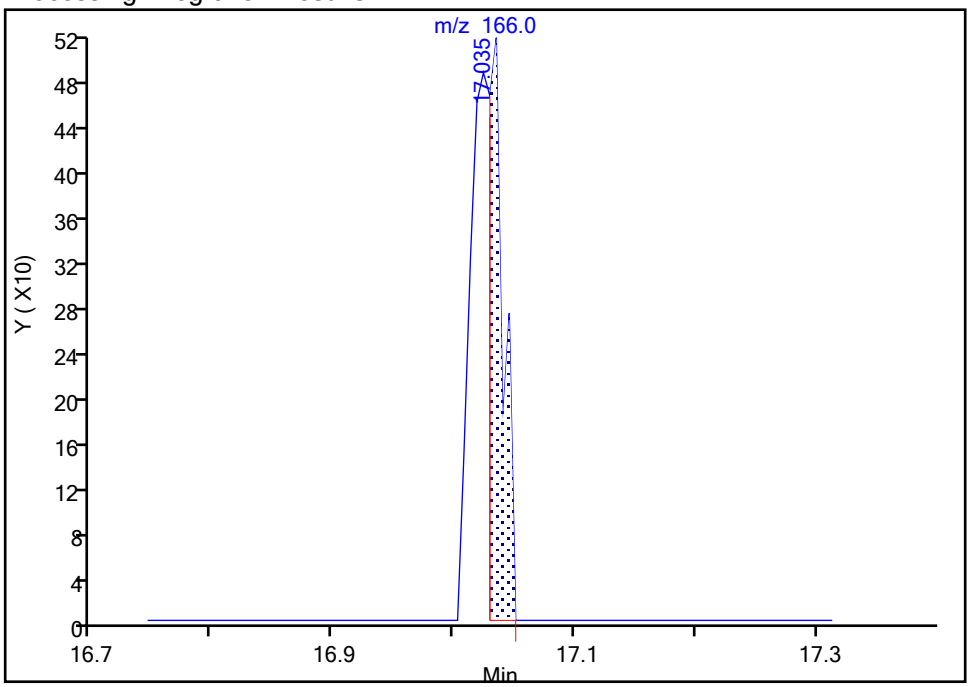
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 Tetrachloroethene, CAS: 127-18-4

Signal: 1

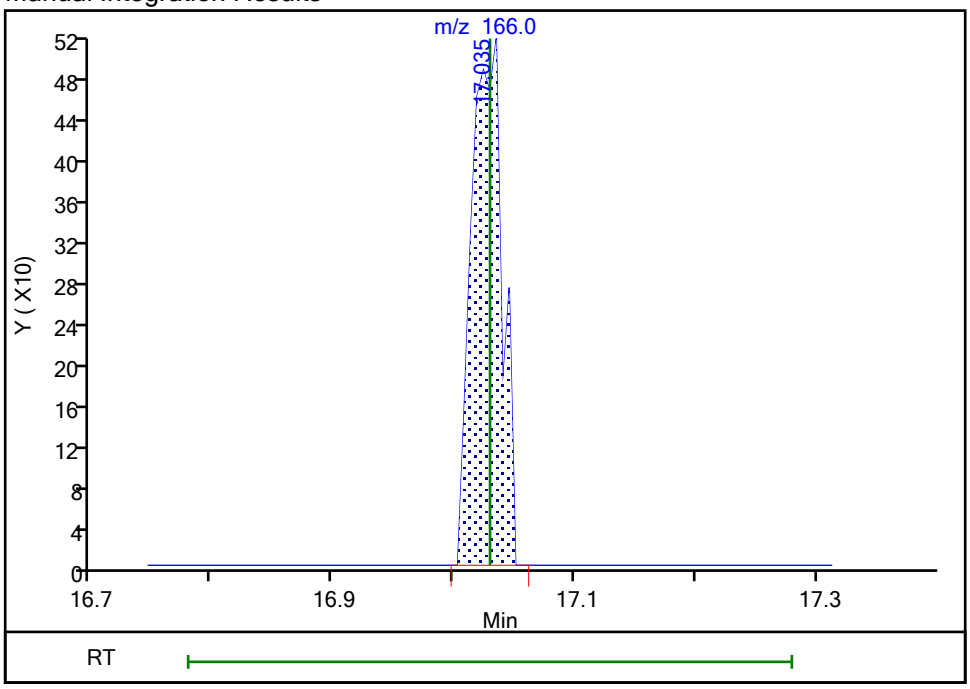
Processing Integration Results

RT: 17.03
Area: 461
Amount: 0.029178
Amount Units: ppb v/v



Manual Integration Results

RT: 17.03
Area: 917
Amount: 0.058040
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:00:47

Audit Action: Manually Integrated Audit Reason: Assign Peak

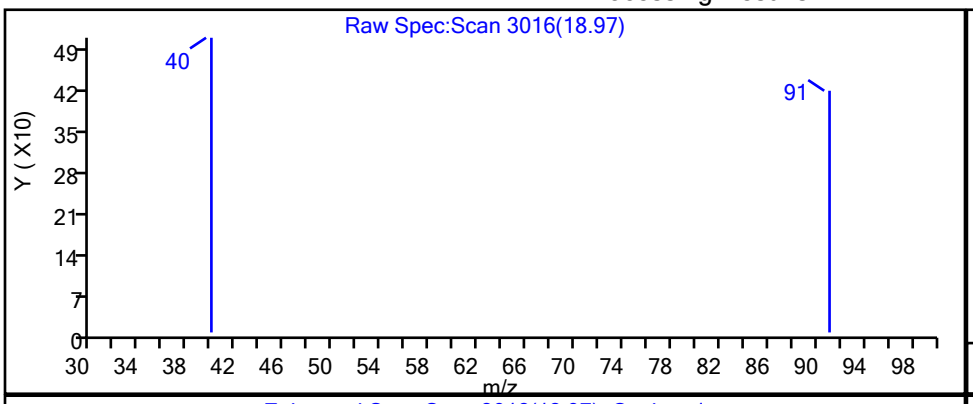
User Disabled Compound Report

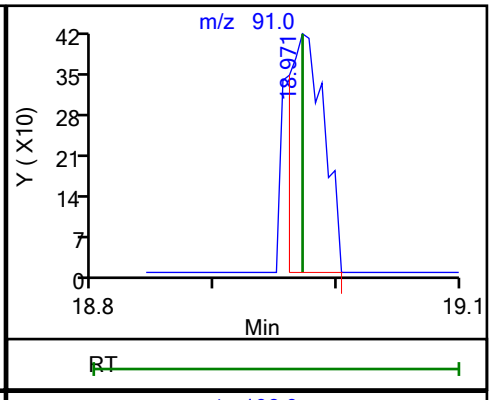
Eurofins TestAmerica, Burlington

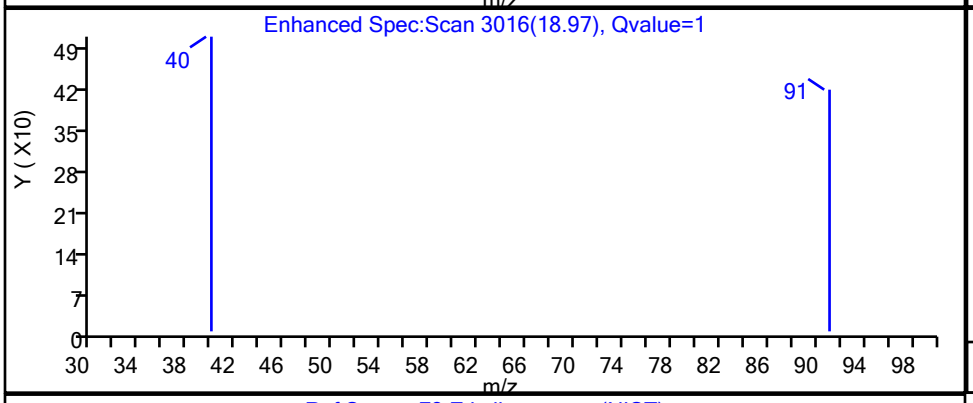
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

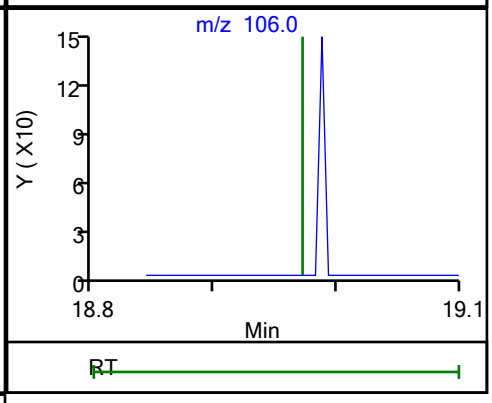
73 Ethylbenzene, CAS: 100-41-4

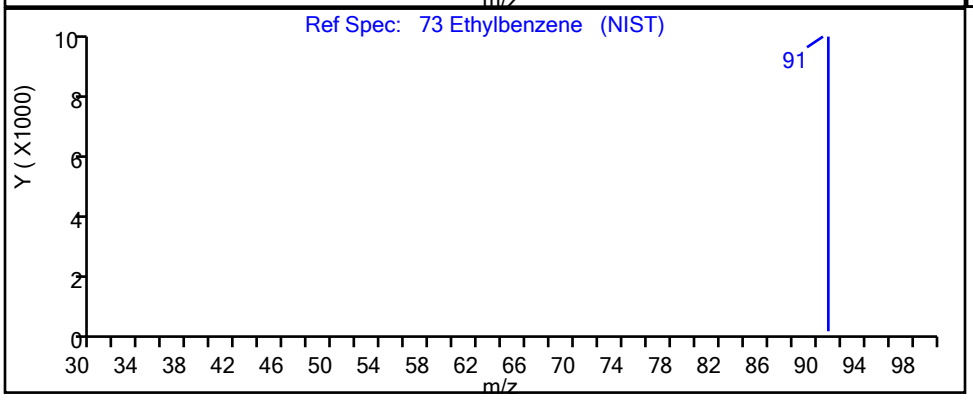
Processing Results











RT	Mass	Response	Amount
18.97	91.00	803	0.025884
18.97	106.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:01:08

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

Eurofins TestAmerica, Burlington

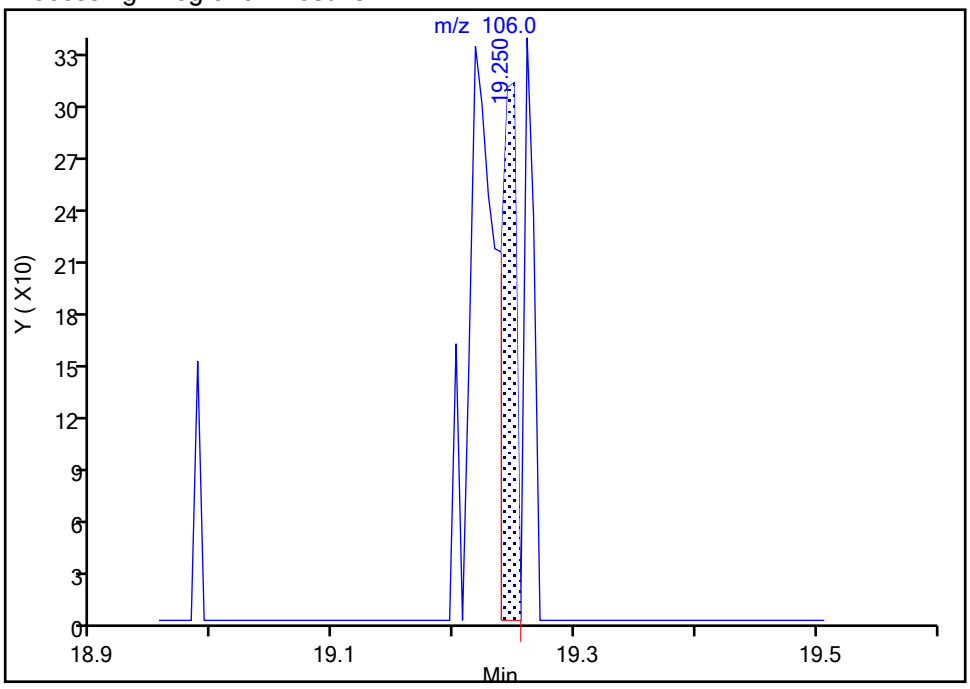
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

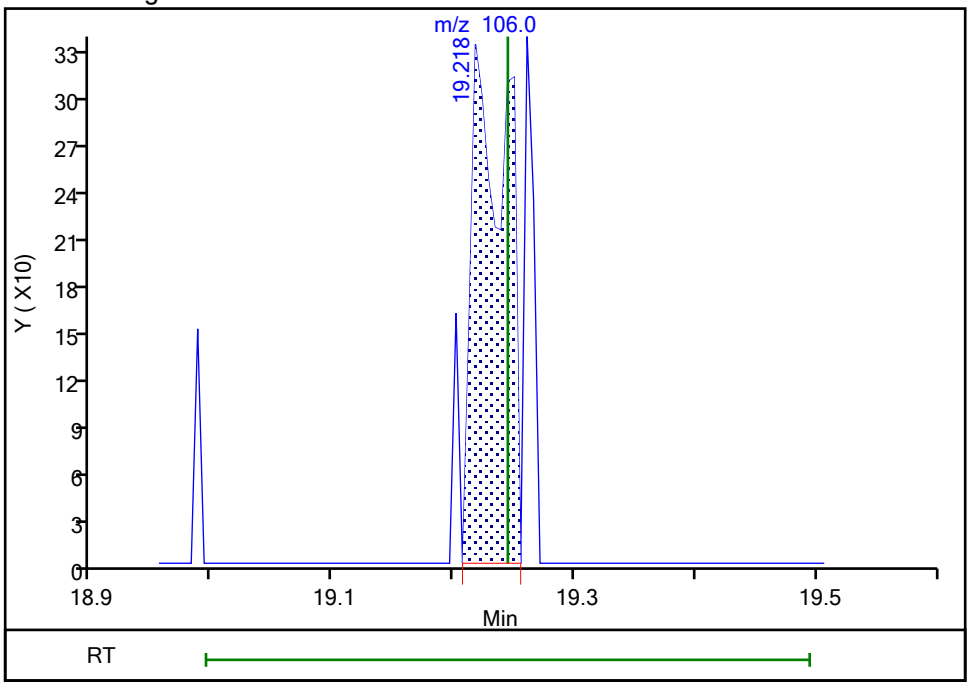
Processing Integration Results

RT: 19.25
Area: 267
Amount: 0.021178
Amount Units: ppb v/v



Manual Integration Results

RT: 19.22
Area: 666
Amount: 0.052827
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:01:16
Audit Action: Manually Integrated Audit Reason: Assign Peak

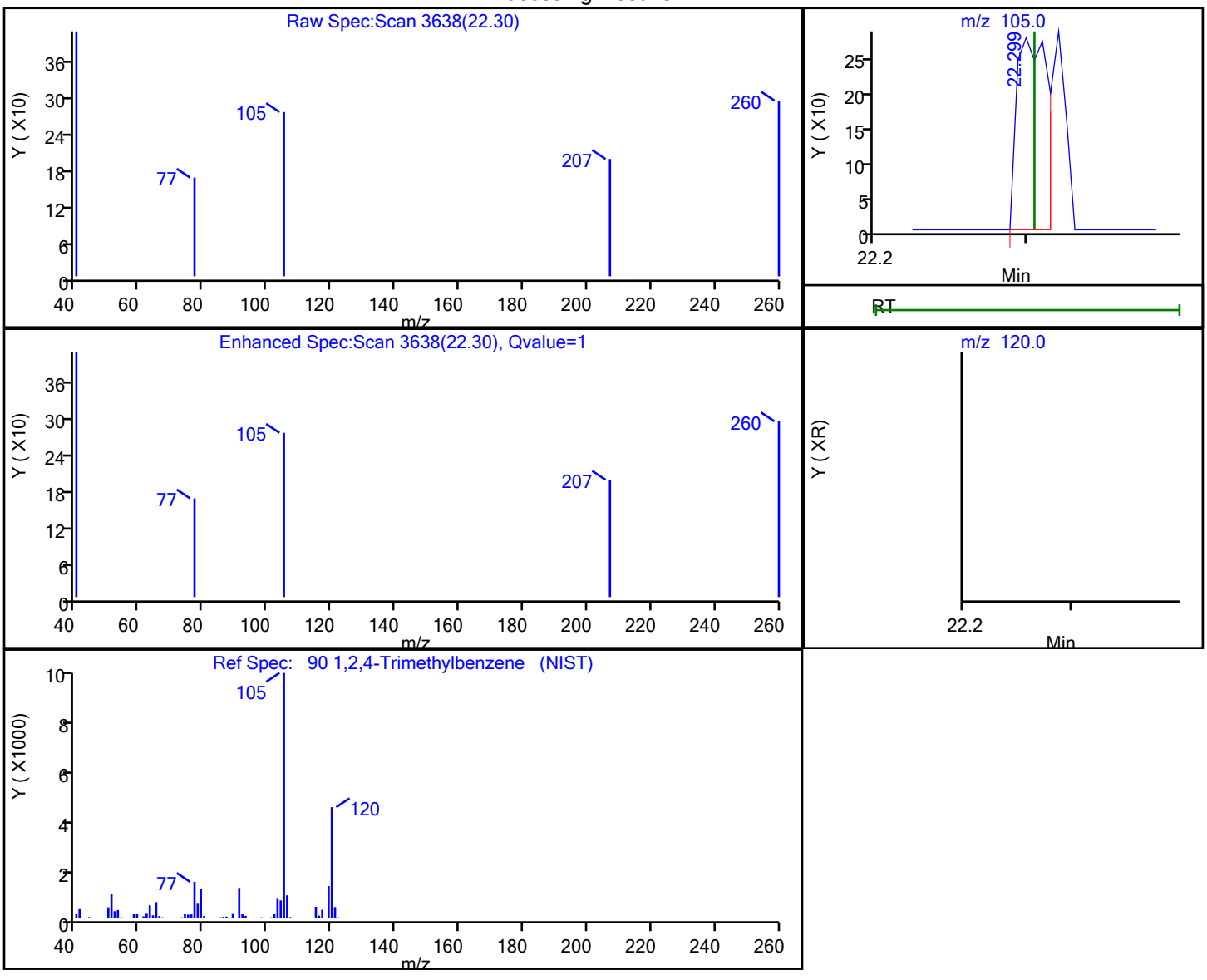
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d				
Injection Date:	08-Oct-2021 16:56:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-1	Lab Sample ID:	200-60355-1		
Client ID:	IA-1_20210929				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
22.30	105.00	391	0.012542
22.30	120.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:01:42

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

Report Date: 11-Oct-2021 09:02:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d

Injection Date: 08-Oct-2021 16:56:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-1 Lab Sample ID: 200-60355-1

Client ID: IA-1_20210929

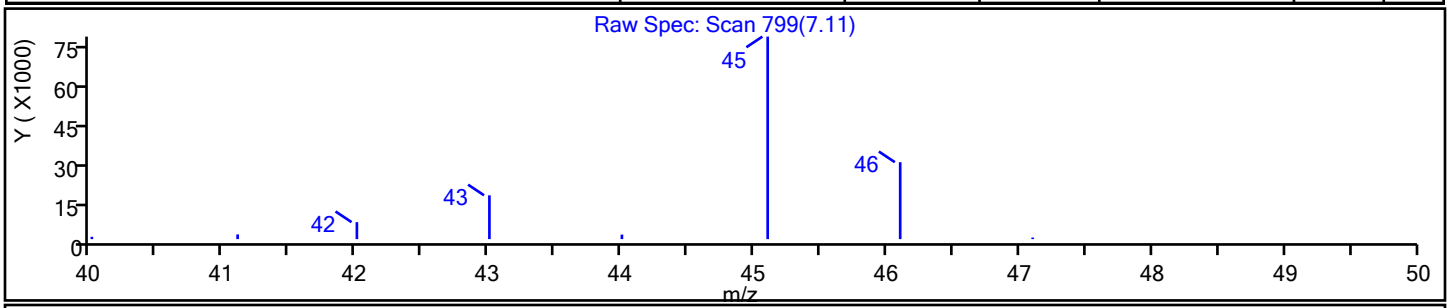
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

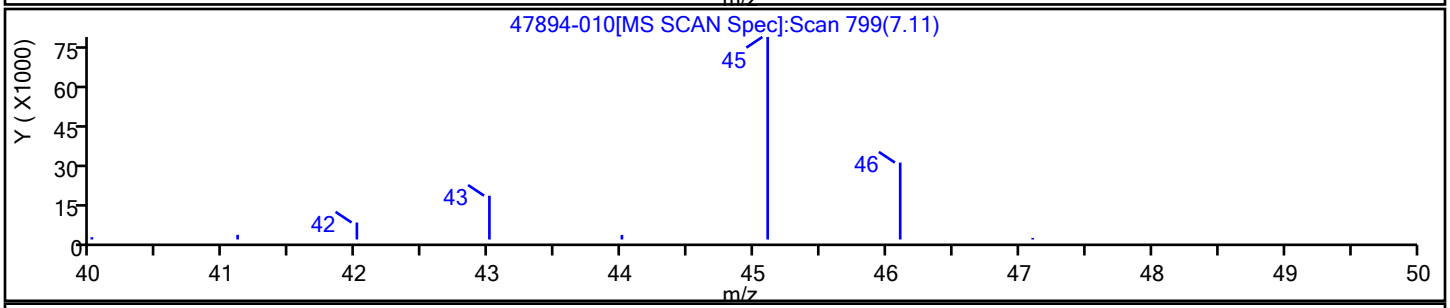
Purge Vol: 200.000 mL Dil. Factor: 1.0000

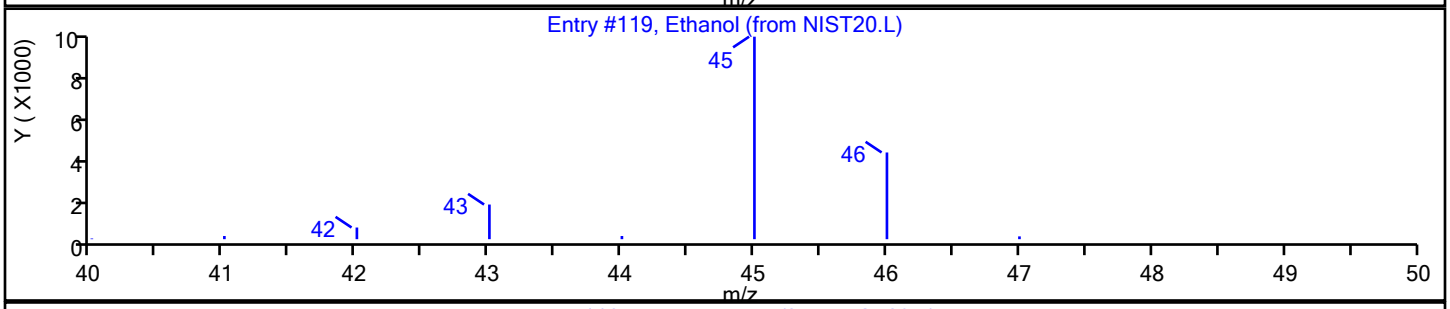
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

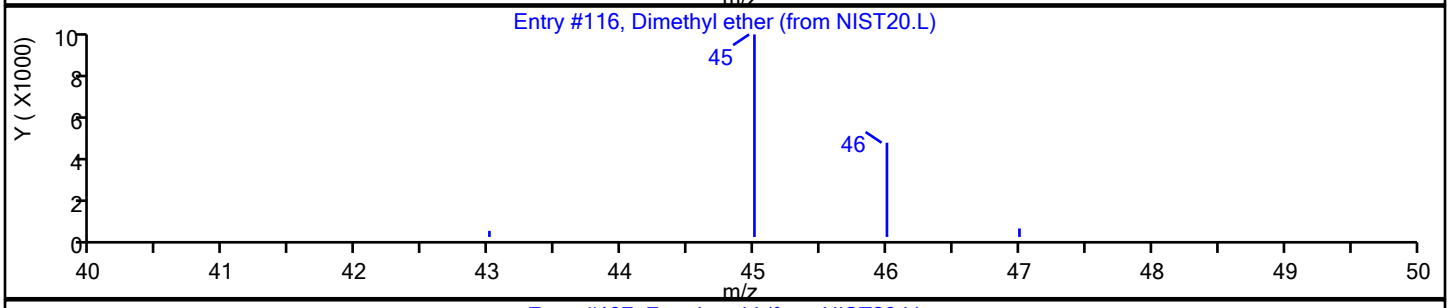
Column: Detector MS SCAN

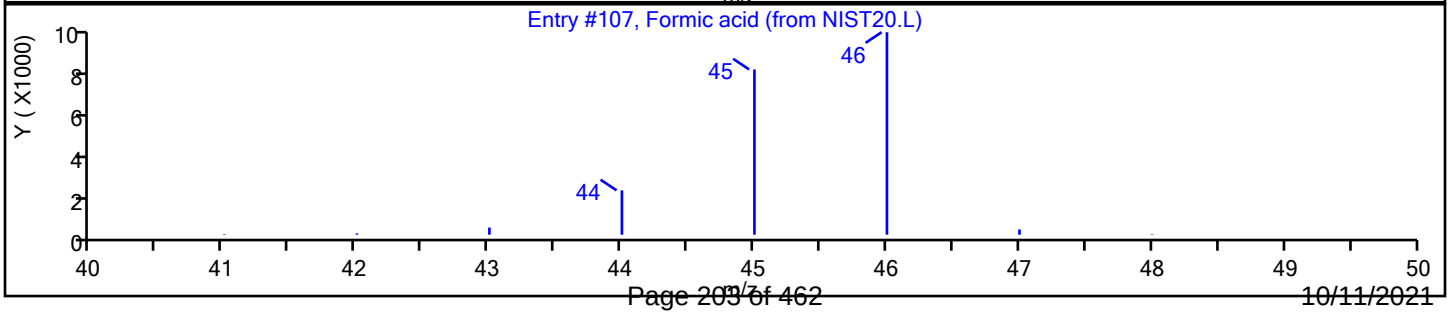
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Ethanol	64-17-5	NIST20.L	119	C2H6O	46	74
Dimethyl ether	115-10-6	NIST20.L	116	C2H6O	46	5
Formic acid	64-18-6	NIST20.L	107	CH2O2	46	4











Report Date: 11-Oct-2021 09:02:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d

Injection Date: 08-Oct-2021 16:56:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-1 Lab Sample ID: 200-60355-1

Client ID: IA-1_20210929

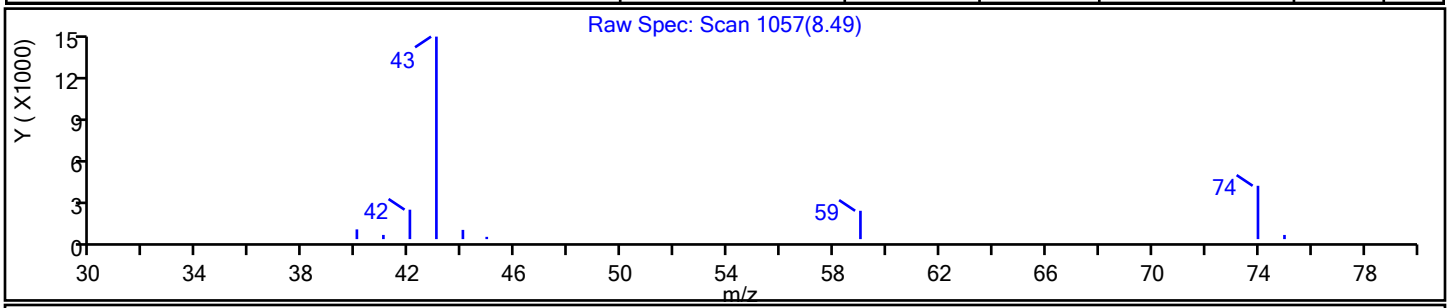
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

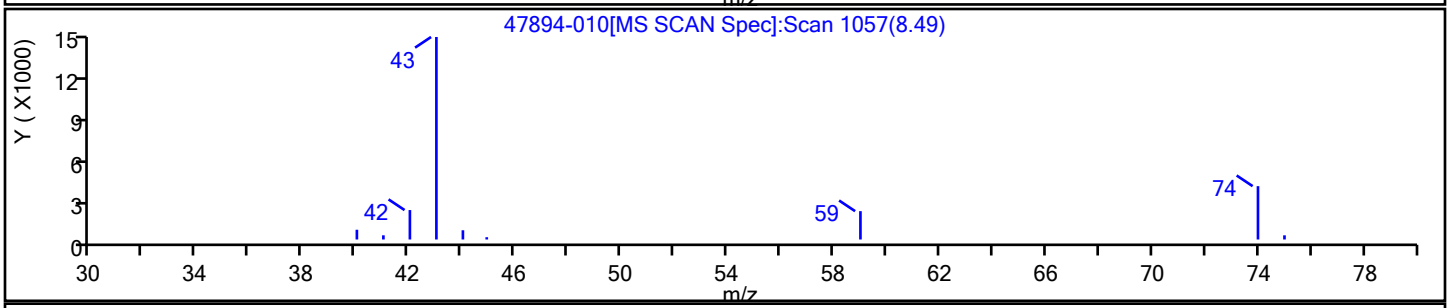
Purge Vol: 200.000 mL Dil. Factor: 1.0000

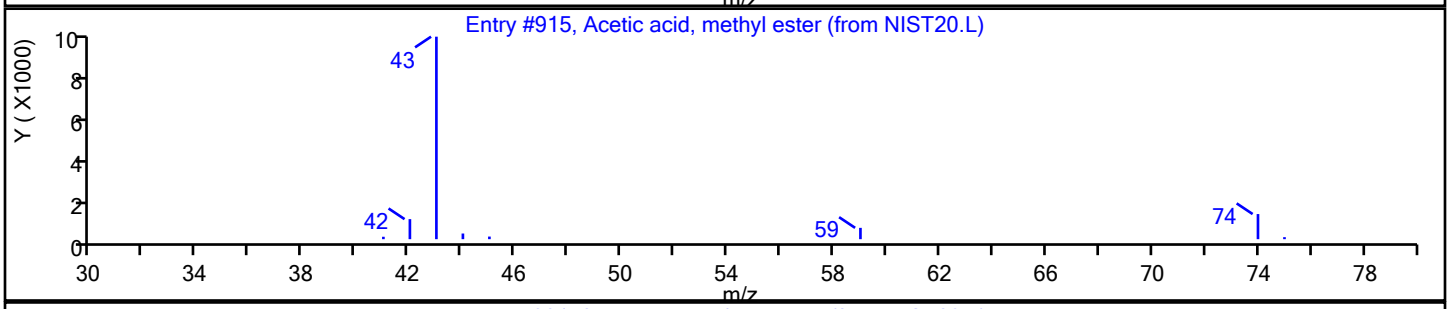
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

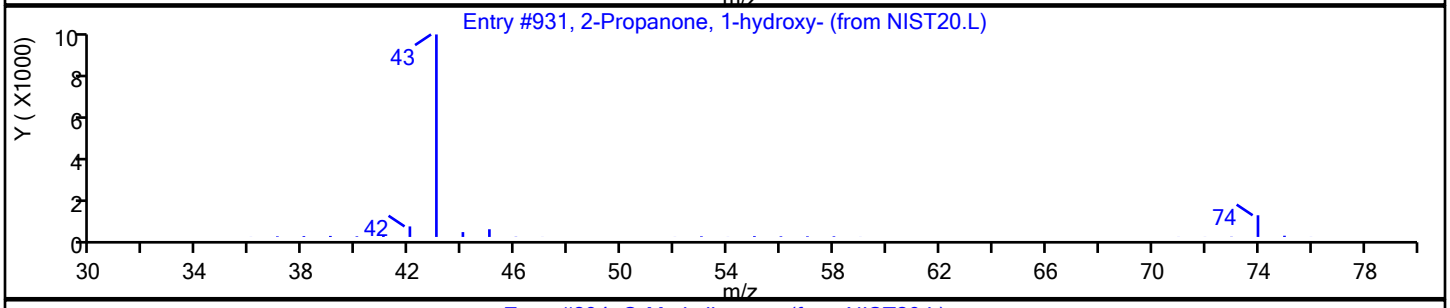
Column: Detector MS SCAN

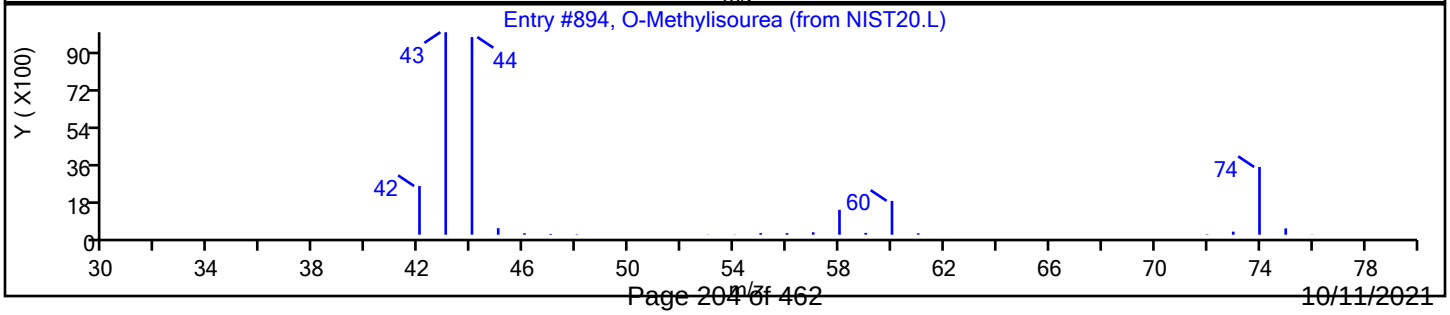
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Acetic acid, methyl ester	79-20-9	NIST20.L	915	C3H6O2	74	83
2-Propanone, 1-hydroxy-	116-09-6	NIST20.L	931	C3H6O2	74	7
O-Methylisourea	2440-60-0	NIST20.L	894	C2H6N2O	74	5











Report Date: 11-Oct-2021 09:02:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d

Injection Date: 08-Oct-2021 16:56:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-1 Lab Sample ID: 200-60355-1

Client ID: IA-1_20210929

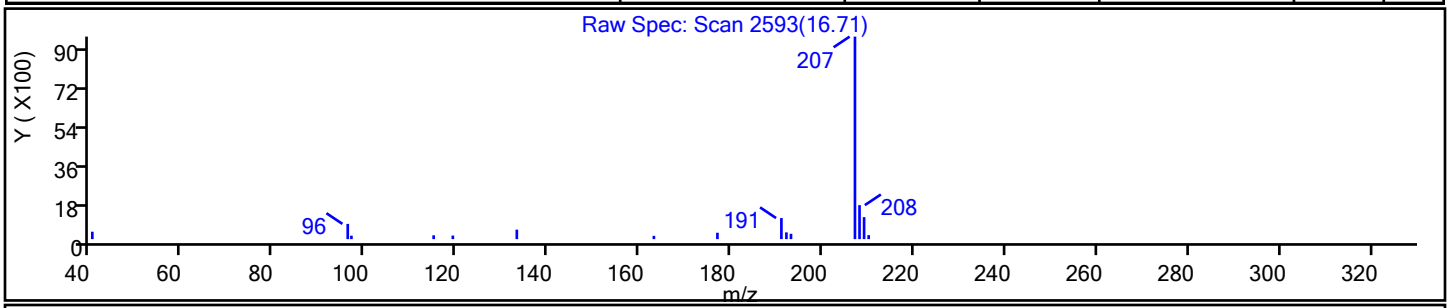
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

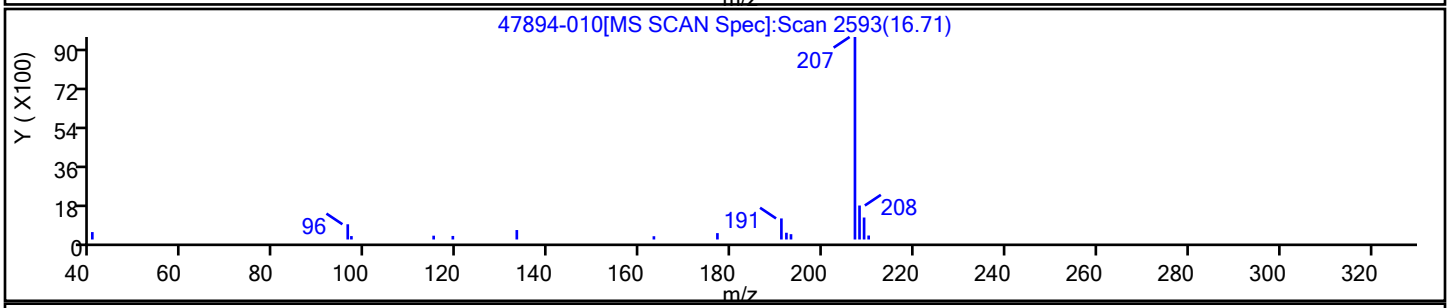
Purge Vol: 200.000 mL Dil. Factor: 1.0000

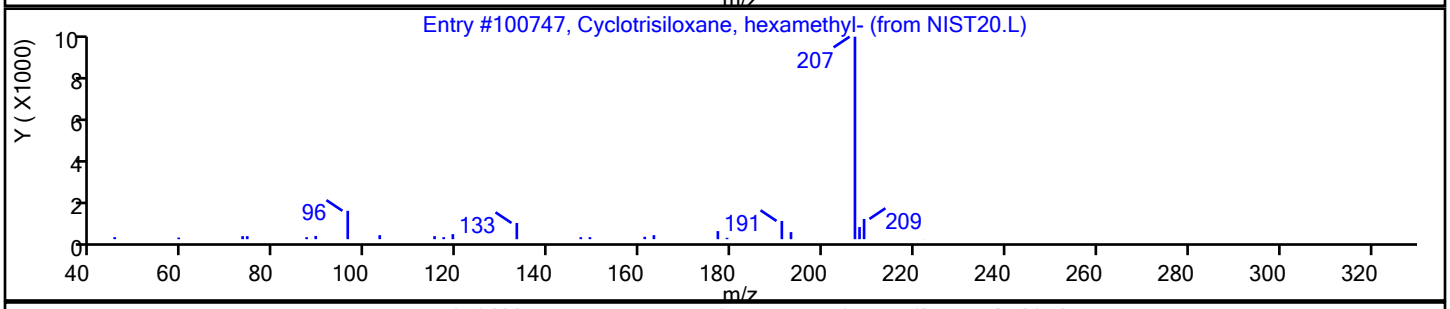
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

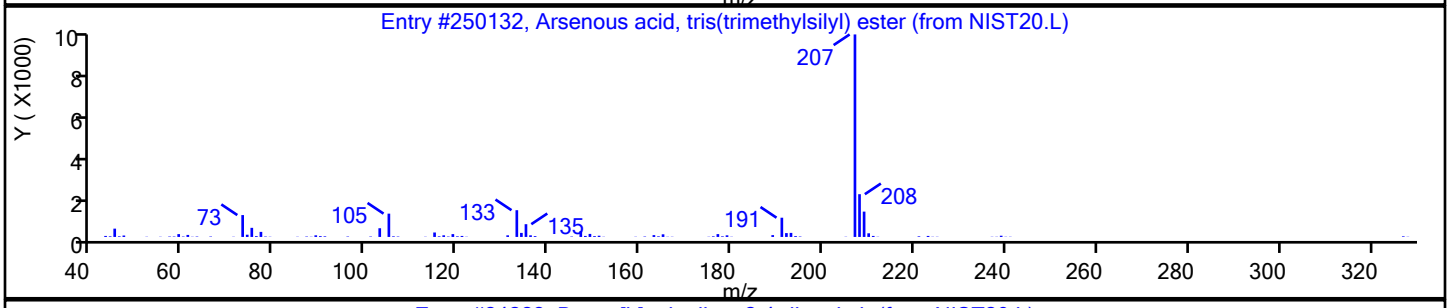
Column: Detector MS SCAN

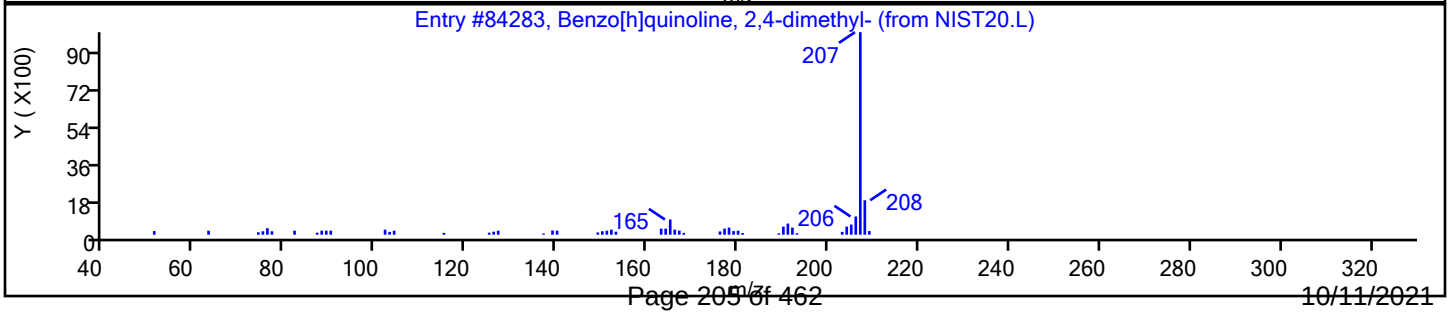
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST20.L	100747	C6H18O3Si3	222	78
Arsenous acid, tris(trimethylsilyl) ester	55429-29-3	NIST20.L	250132	C9H27AsO3Si3	342	74
Benzo[h]quinoline, 2,4-dimethyl-	605-67-4	NIST20.L	84283	C15H13N	207	64







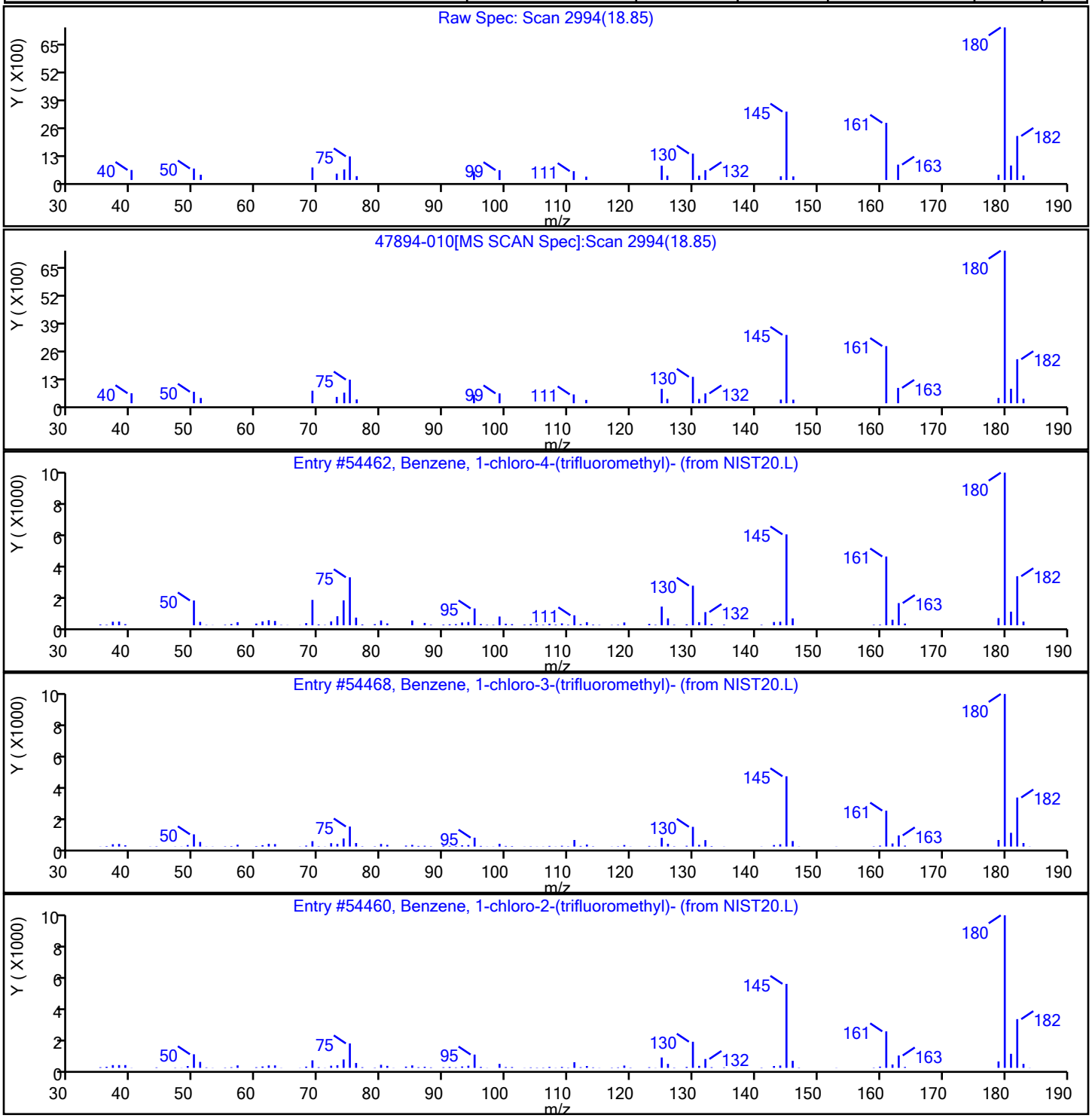




Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-010.d
Injection Date: 08-Oct-2021 16:56:30 Instrument ID: CHW.i
Lims ID: 200-60355-A-1 Lab Sample ID: 200-60355-1
Client ID: IA-1_20210929
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	NIST20.L	54462	C7H4ClF3	180	97
Benzene, 1-chloro-3-(trifluoromethyl)-	98-15-7	NIST20.L	54468	C7H4ClF3	180	94
Benzene, 1-chloro-2-(trifluoromethyl)-	88-16-4	NIST20.L	54460	C7H4ClF3	180	94



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.26	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.16	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.34	J	0.50	0.12
106-97-8	n-Butane	58.12	0.23	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.14	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	3.2	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	2.8	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.18	J	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.21		0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.44		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.56	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.71	J	1.0	0.25
106-97-8	n-Butane	58.12	0.54	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.80	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	7.7	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	6.9	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	0.63	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.82		0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	1.6		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 5 TIC Result Total: 29.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.34	1.0	J	
	Unknown	7.10	13	J	
79-20-9	Acetic acid, methyl ester	8.49	1.8	J N	90%
541-05-9	Cyclotrisiloxane, hexamethyl-	16.71	12	J N	86%
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	18.86	1.3	J N	96%

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d
Lims ID: 200-60355-A-2
Client ID: IA-X_20210929
Sample Type: Client
Inject. Date: 08-Oct-2021 17:49:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-011
Misc. Info.: 60355-2
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 09:10:25 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 09:10:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.217	4.228	-0.005	98	7296	0.2627	
3 Chlorodifluoromethane	51	4.271	4.271	0.000	96	2309	0.1598	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.586				ND	
5 Chloromethane	50	4.704	4.725	0.000	95	2573	0.3440	
6 Vinyl chloride	62		5.014				ND	
7 Butane	43	5.009	5.009	-0.011	96	2804	0.2253	M
8 Butadiene	54		5.132				ND	
9 Bromomethane	94		5.849				ND	
10 Chloroethane	64		6.127				ND	
13 Vinyl bromide	106		6.544				ND	
14 Trichlorofluoromethane	101	6.699	6.715	-0.006	95	3635	0.1418	
20 1,1-Dichloroethene	96		7.775				ND	
21 112TCTFE	101	7.807	7.807	-0.010	11	754	0.0460	M
22 Acetone	43	7.882	7.892	0.011	98	31431	3.24	
24 Isopropyl alcohol	45	8.213	8.224	0.037	99	27522	2.80	
23 Carbon disulfide	76	8.171	8.171	-0.010	39	884	0.0462	M
26 3-Chloro-1-propene	41		8.475				ND	7
27 Methylene Chloride	49	8.706	8.705	0.001	85	1299	0.1802	
28 2-Methyl-2-propanol	59		8.952				ND	
30 trans-1,2-Dichloroethene	61	9.208	9.208	0.000	87	1967	0.2076	
31 Methyl tert-butyl ether	73		9.230				ND	
32 Hexane	57		9.722				ND	U
33 1,1-Dichloroethane	63		9.979				ND	
37 2-Butanone (MEK)	72	10.979	10.947	0.027	64	372	0.1438	
36 cis-1,2-Dichloroethene	96		10.974				ND	
* 39 Chlorobromomethane	128	11.380	11.386	-0.006	74	49243	10.0	
40 Tetrahydrofuran	42		11.439				ND	
41 Chloroform	83		11.562				ND	7
42 1,1,1-Trichloroethane	97		11.867				ND	
43 Cyclohexane	84		12.012				ND	
44 Carbon tetrachloride	117	12.145	12.140	0.000	20	794	0.0350	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.493	12.493	0.000	1	1268	0.0700	M
46 1,2-Dichloroethane	62		12.573				ND	
47 Isooctane	57		12.712				ND	U
48 n-Heptane	43		13.023				ND	U
* 49 1,4-Difluorobenzene	114	13.231	13.237	-0.006	93	209326	10.0	
51 Trichloroethene	95		13.665				ND	
53 1,2-Dichloropropane	63		14.119				ND	
55 Methyl methacrylate	69		14.221				ND	
57 1,4-Dioxane	88		14.269				ND	
58 Dichlorobromomethane	83		14.590				ND	
60 cis-1,3-Dichloropropene	75		15.398				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.671				ND	
62 Toluene	92	16.035	16.045	-0.005	95	5860	0.4370	
64 trans-1,3-Dichloropropene	75		16.452				ND	U
65 1,1,2-Trichloroethane	83		16.826				ND	
66 Tetrachloroethene	166		17.030				ND	
67 2-Hexanone	43		17.254				ND	7
68 Chlorodibromomethane	129		17.570				ND	
69 Ethylene Dibromide	107		17.811				ND	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	87	173482	10.0	
72 Chlorobenzene	112		18.779				ND	
73 Ethylbenzene	91	18.972	18.972	0.000	1	465	0.0156	
74 m-Xylene & p-Xylene	106	19.234	19.218	-0.010	0	525	0.0432	
76 o-Xylene	106		20.009				ND	
77 Styrene	104		20.047				ND	U
79 Bromoform	173		20.395				ND	
80 Isopropylbenzene	105		20.716				ND	
81 1,1,2,2-Tetrachloroethane	83		21.234				ND	
83 N-Propylbenzene	91		21.438				ND	
84 2-Chlorotoluene	91		21.582				ND	
85 4-Ethyltoluene	105		21.636				ND	7
86 1,3,5-Trimethylbenzene	105		21.732				ND	7
89 tert-Butylbenzene	119		22.213				ND	
90 1,2,4-Trimethylbenzene	105		22.304				ND	MU
91 sec-Butylbenzene	105		22.545				ND	7
92 1,3-Dichlorobenzene	146		22.716				ND	
93 4-Isopropyltoluene	119		22.759				ND	
94 1,4-Dichlorobenzene	146		22.855				ND	
95 Benzyl chloride	91		23.000				ND	
96 n-Butylbenzene	91		23.310				ND	
97 1,2-Dichlorobenzene	146		23.342				ND	
100 1,2,4-Trichlorobenzene	180		25.766				ND	
101 Hexachlorobutadiene	225		26.012				ND	
102 Naphthalene	128		26.236				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

Eurofins TestAmerica, Burlington
Tentatively Identified Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d
Lims ID: 200-60355-A-2
Client ID: IA-X_20210929
Sample Type: Client
Inject. Date: 08-Oct-2021 17:49:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-011
Misc. Info.: 60355-2
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 09:10:25 Calib Date: 16-Sep-2021 09:57:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Burlington\Database\NIST20.L
Min. Match: 1

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 09:10:25

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
5.335	29938	1.02	39	0	0		0	
		Unknown						
7.101	383789	13.1	39	0	0		0	
	79-20-9	Acetic acid, methyl ester						
8.486	53632	1.83	39	90	912	C3H6O2	74	
	541-05-9	Cyclotrisiloxane, hexamethyl-						
16.709	582938	12.1	70	86	100748	C6H18O3Si3	222	
	98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-						
18.859	64852	1.34	70	96	54464	C7H4ClF3	180	

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 39 Chlorobromomethane	11.375	292956	10.0
* 70 Chlorobenzene-d5	18.720	483390	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

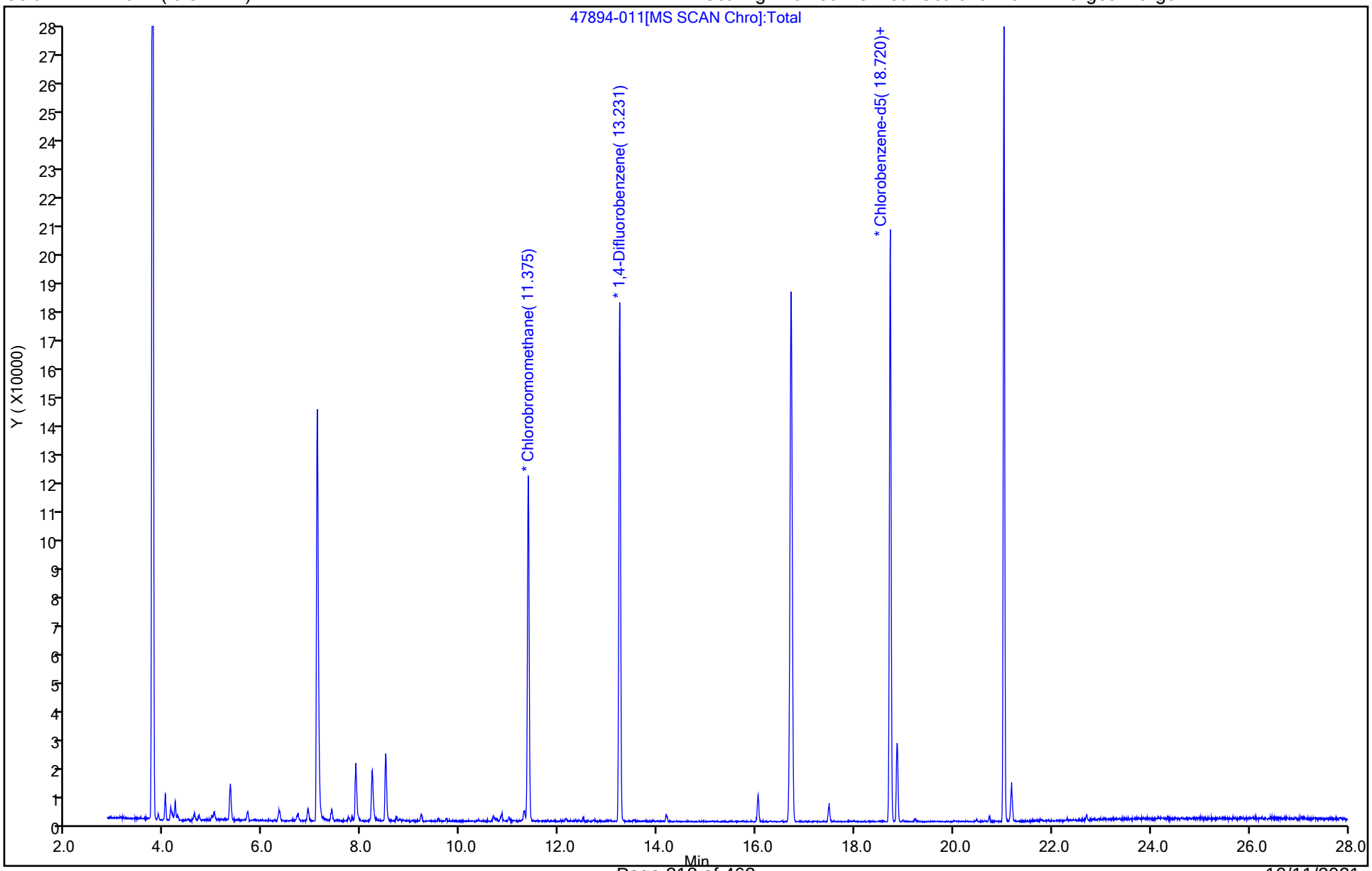
Report Date: 11-Oct-2021 09:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d

Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2	Worklist Smp#:	11
Client ID:	IA-X_20210929				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

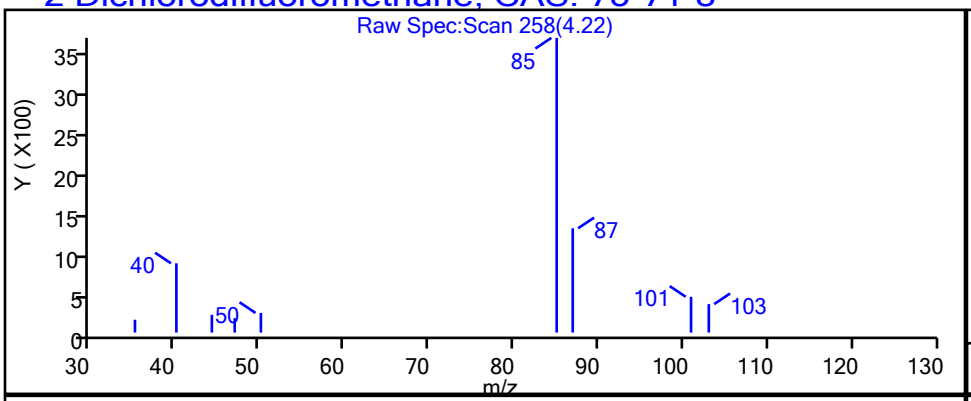


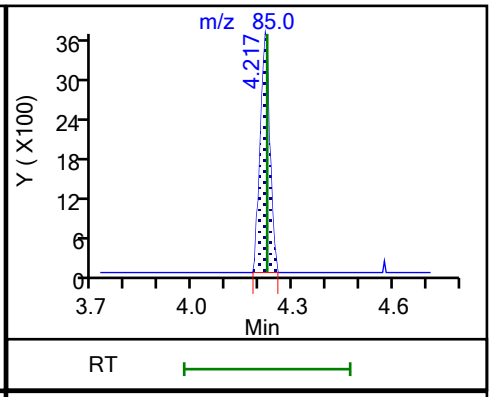
Report Date: 11-Oct-2021 09:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

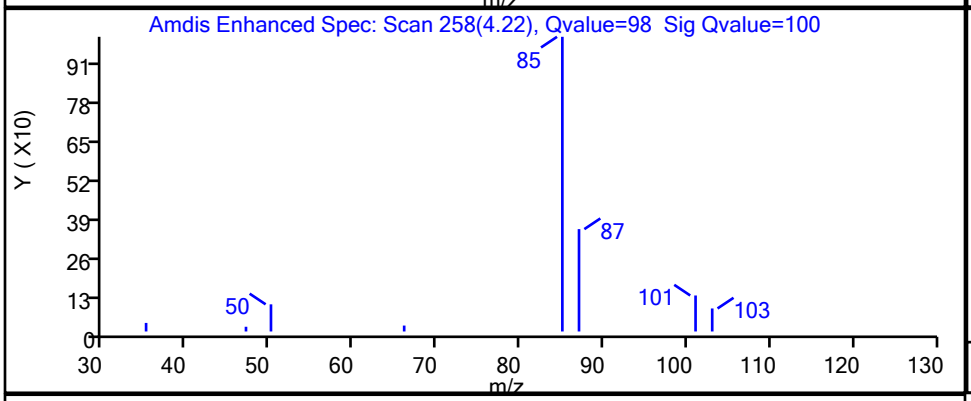
Eurofins TestAmerica, Burlington

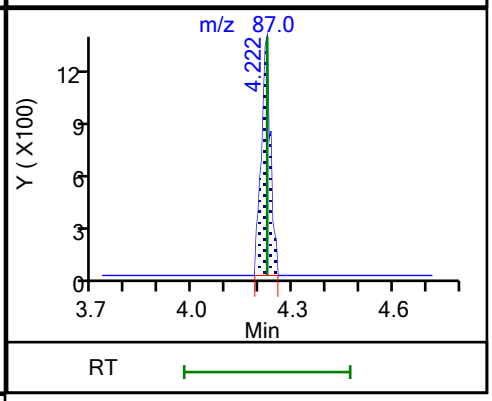
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

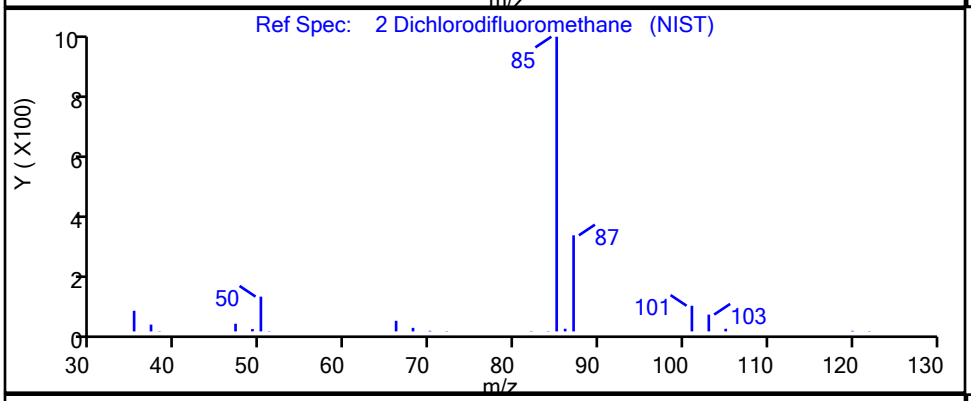
2 Dichlorodifluoromethane, CAS: 75-71-8

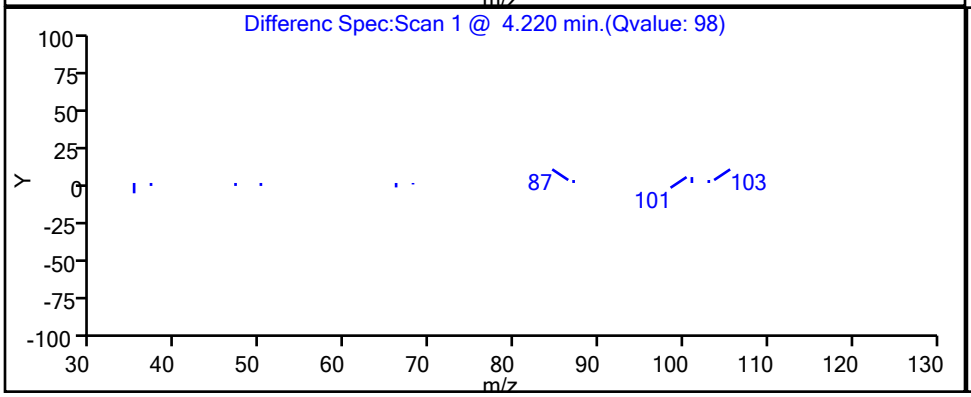


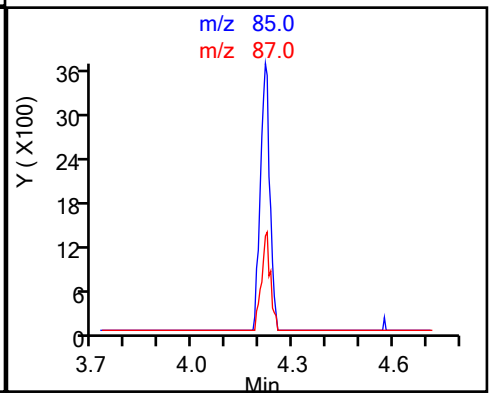












Eurofins TestAmerica, Burlington

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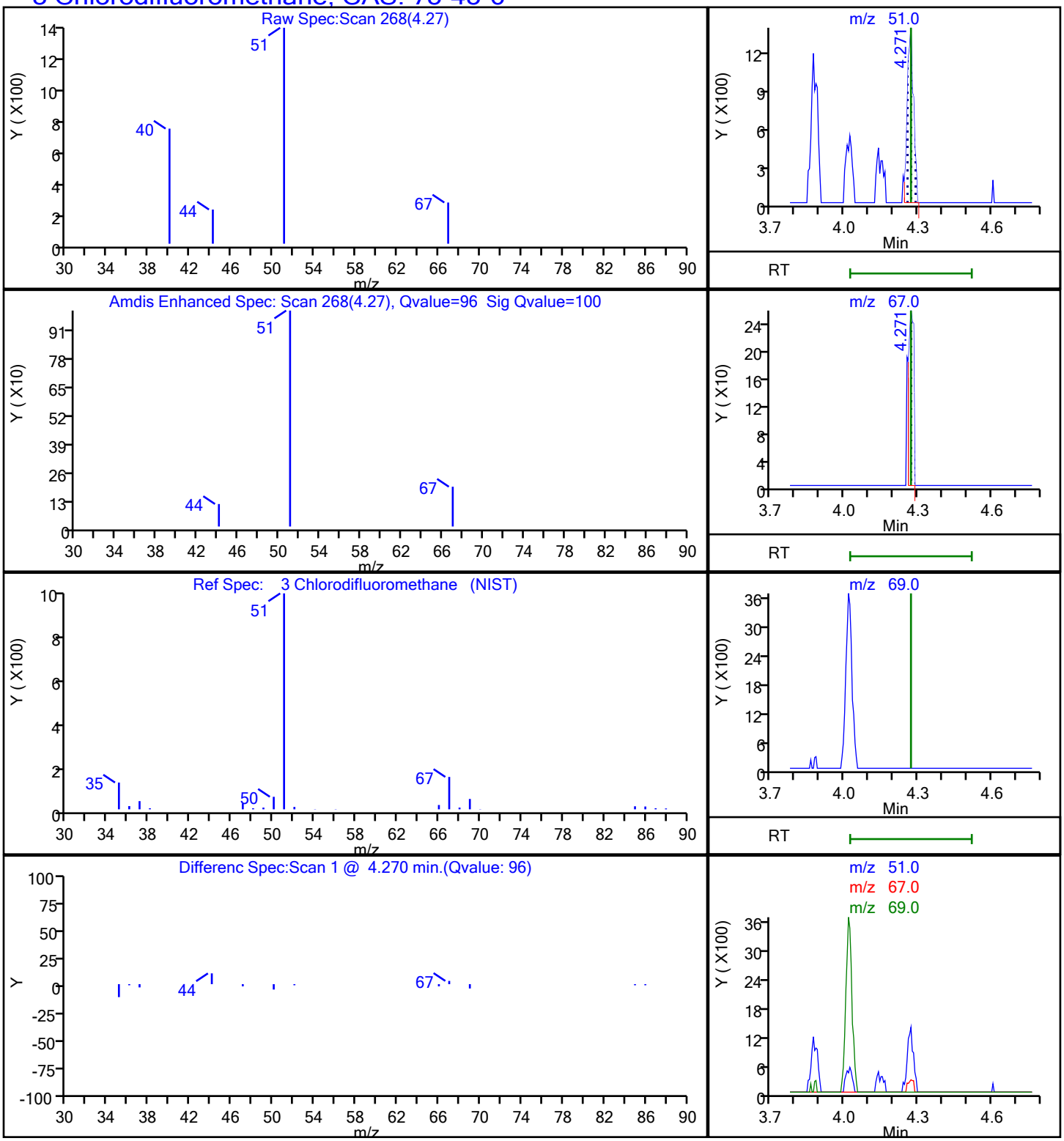
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins TestAmerica, Burlington

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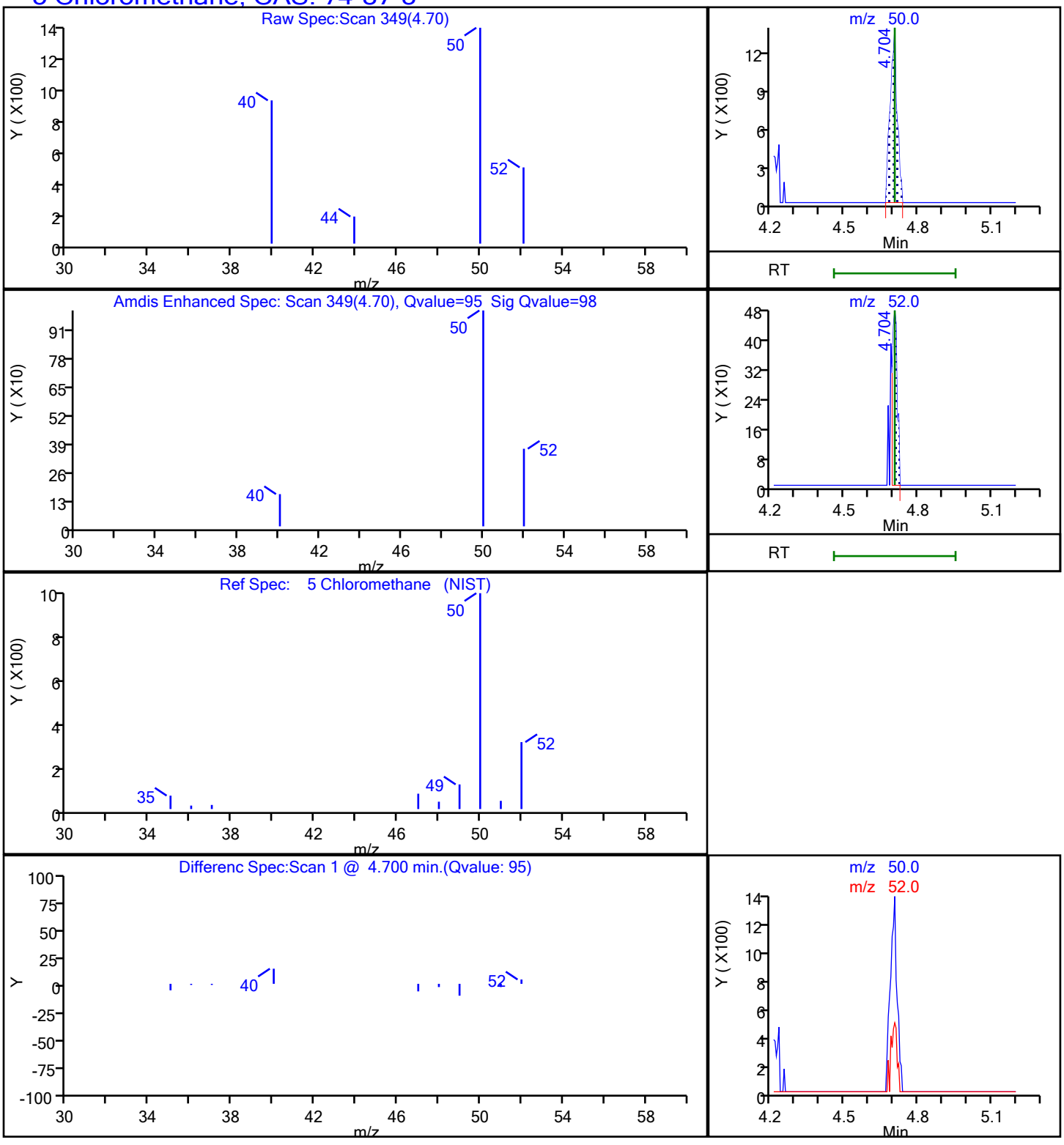
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Burlington

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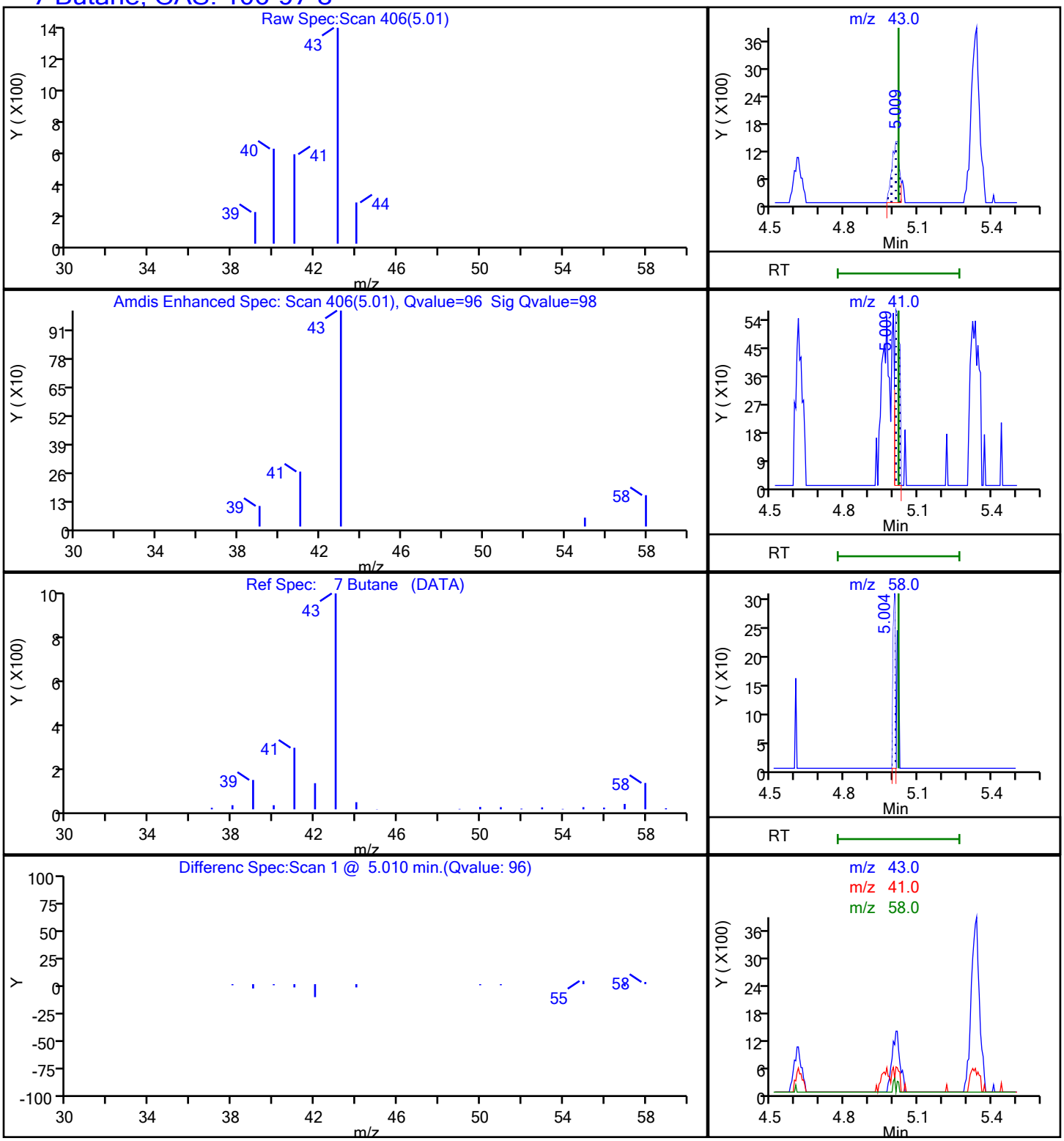
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

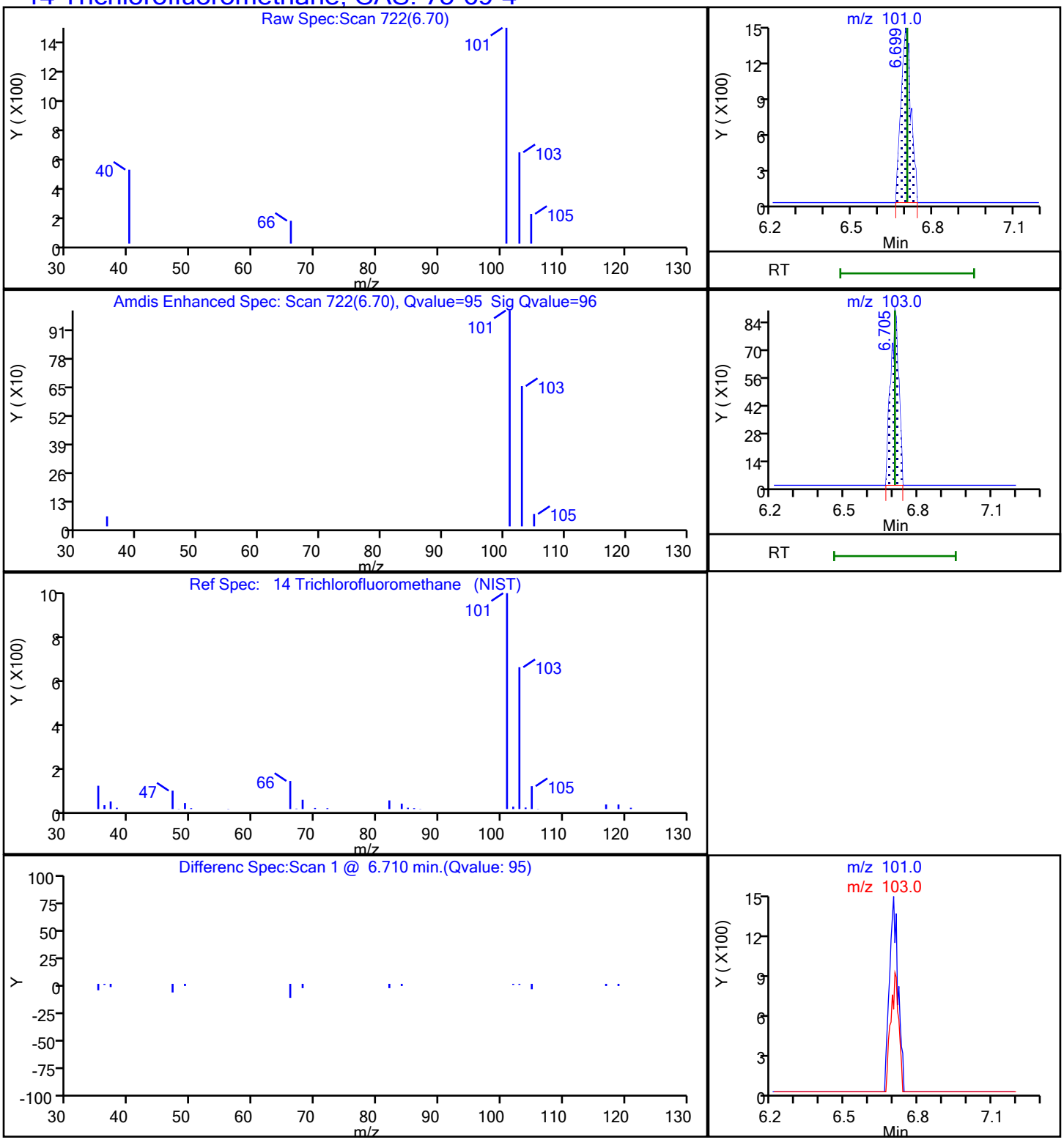
7 Butane, CAS: 106-97-8



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4



Eurofins TestAmerica, Burlington

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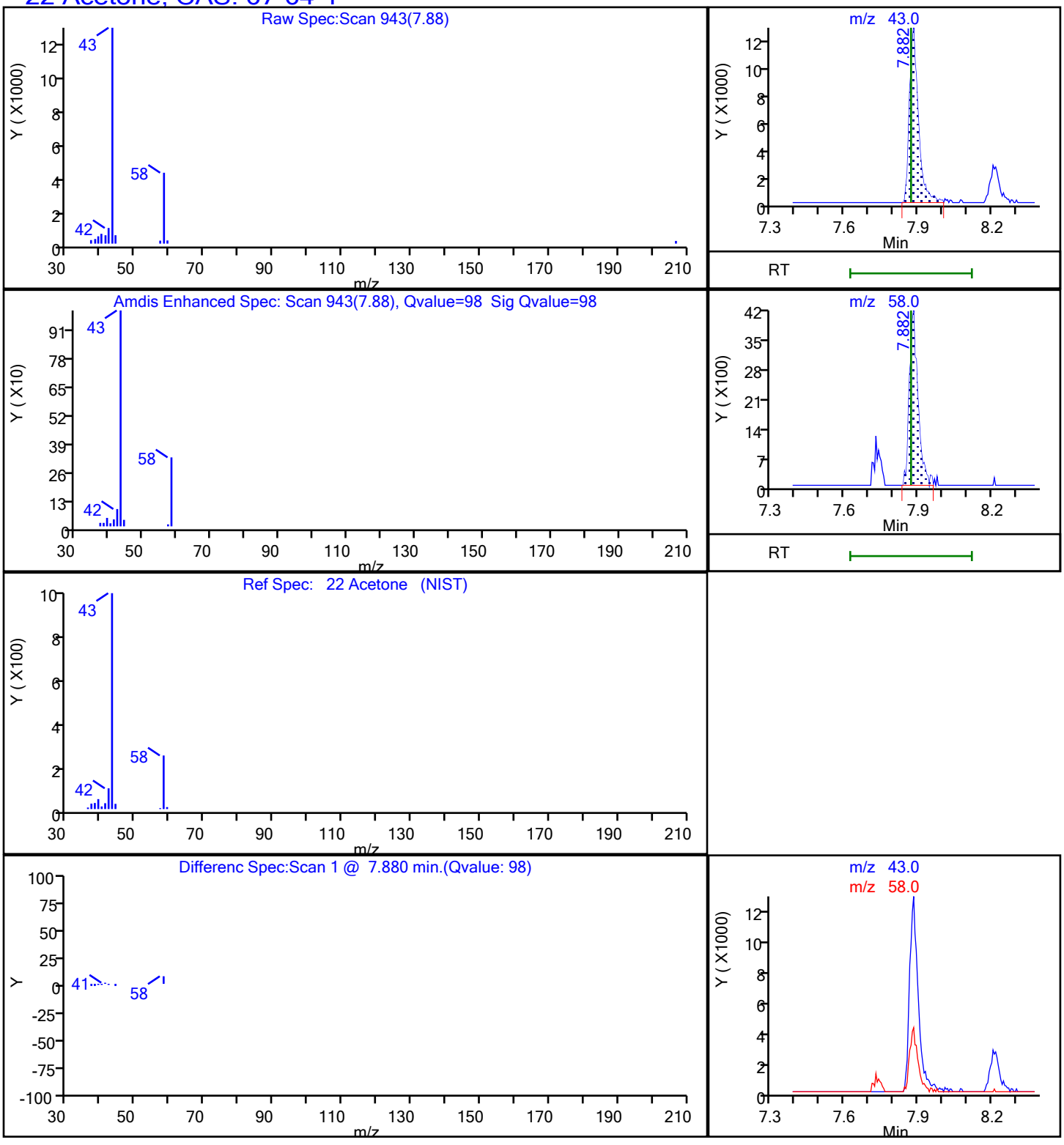
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
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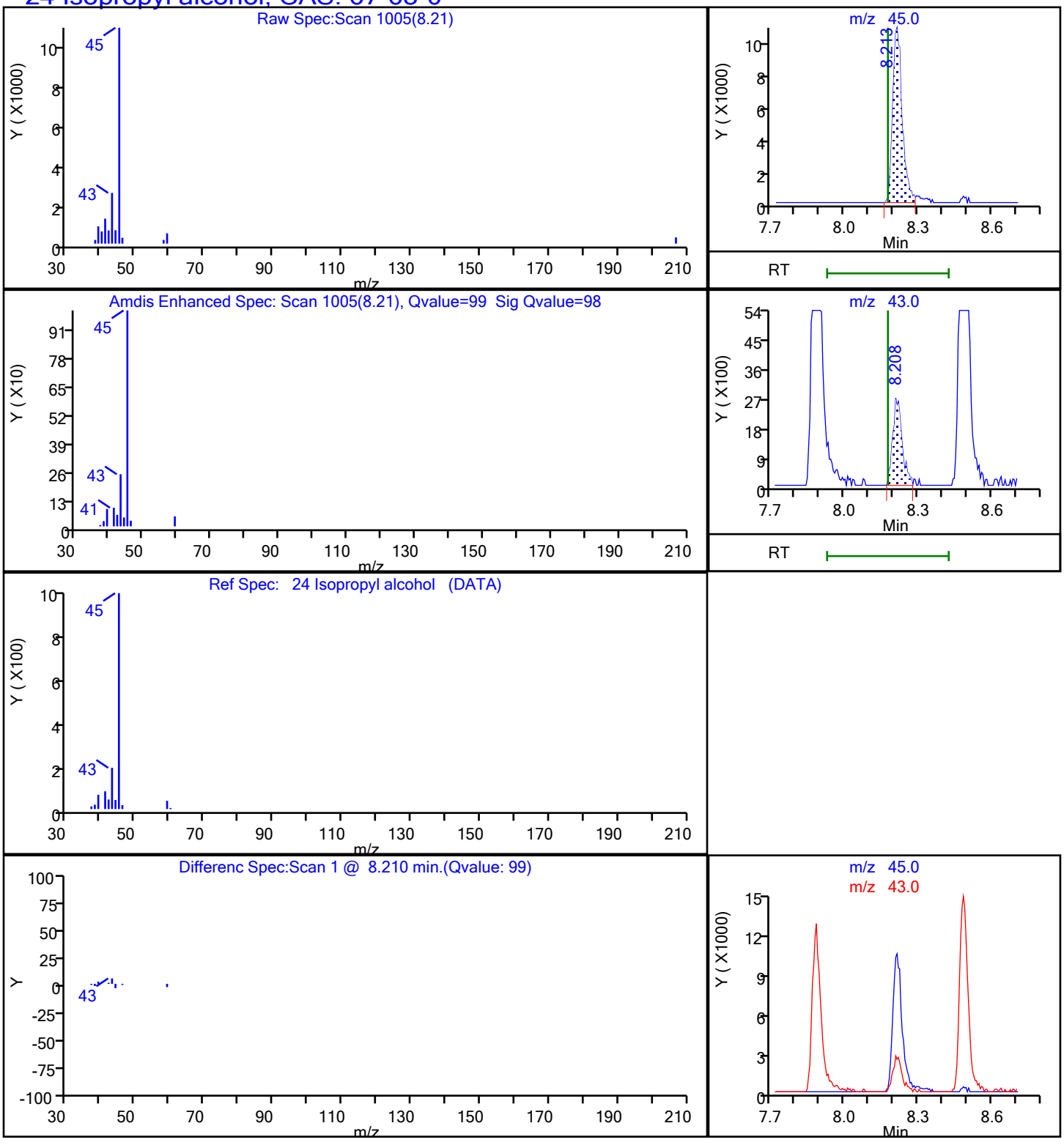
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0



Eurofins TestAmerica, Burlington

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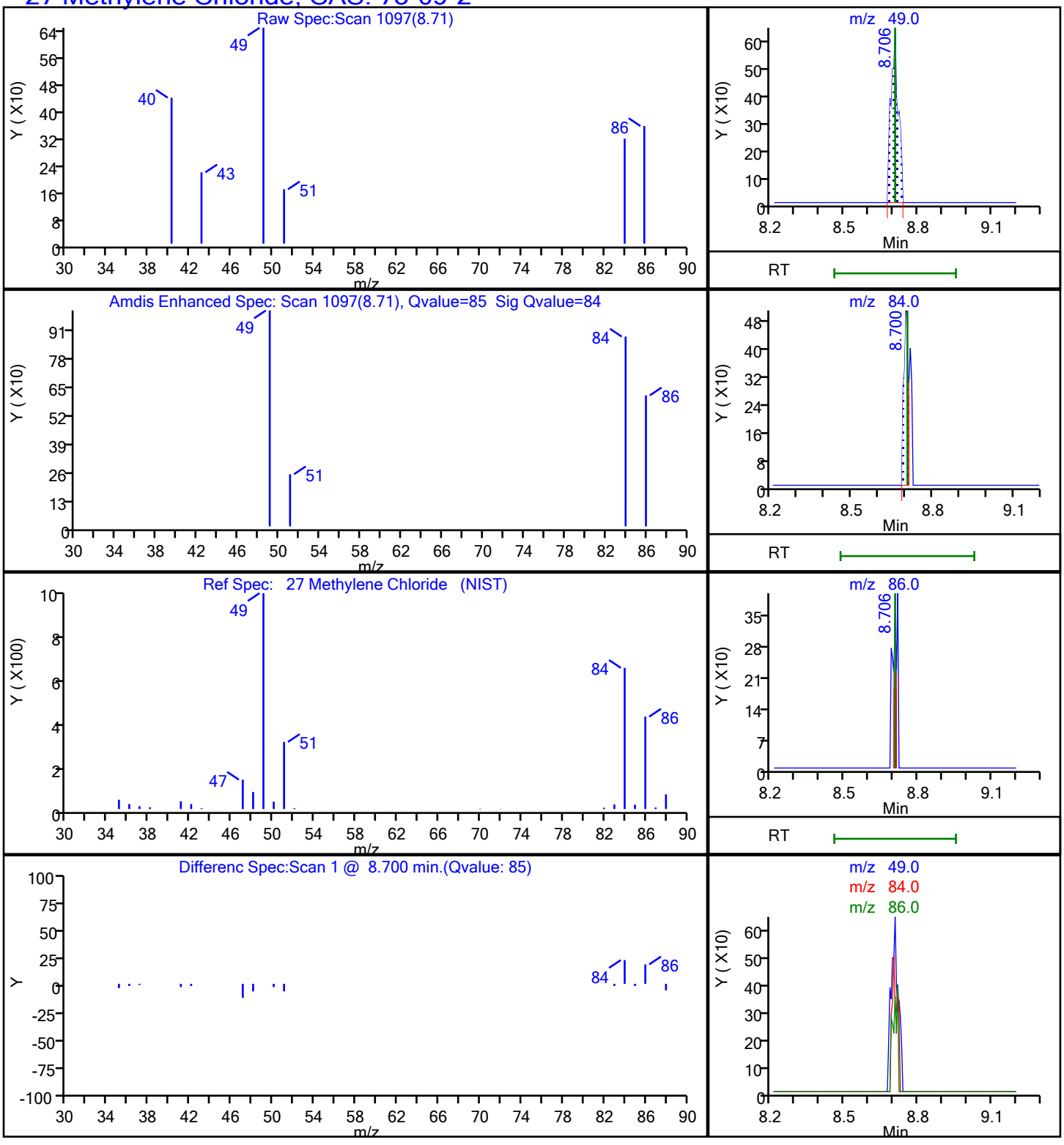
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

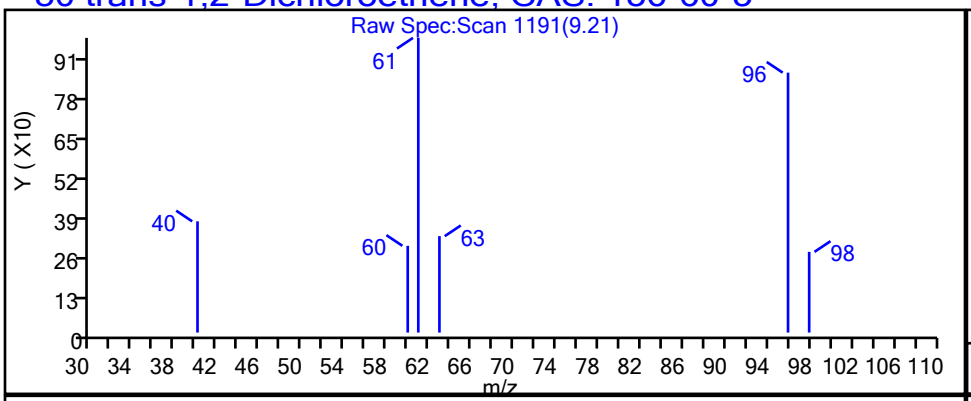
27 Methylene Chloride, CAS: 75-09-2

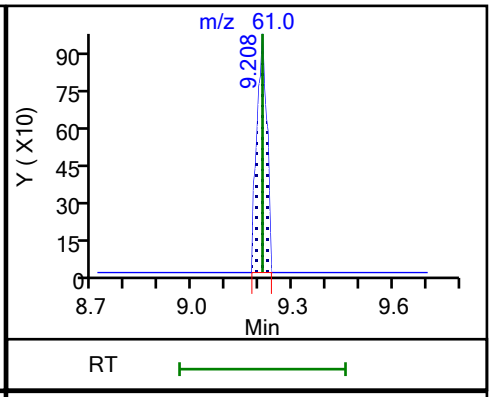


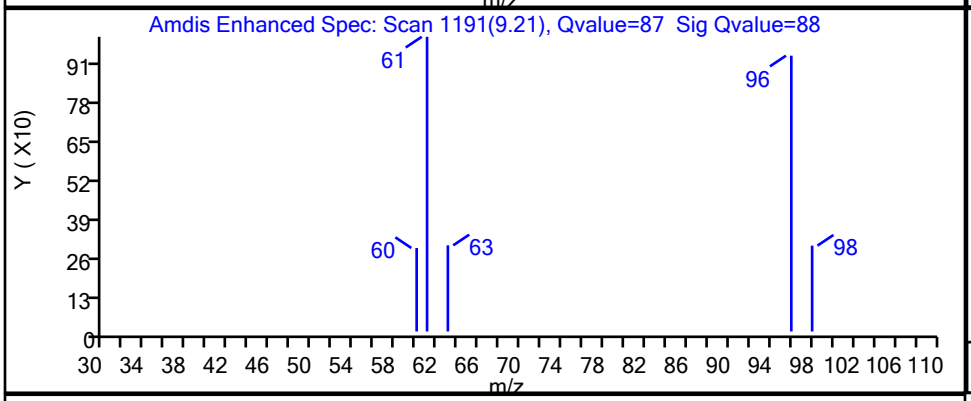
Eurofins TestAmerica, Burlington

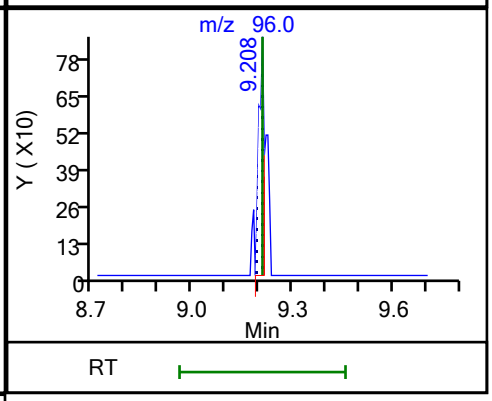
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

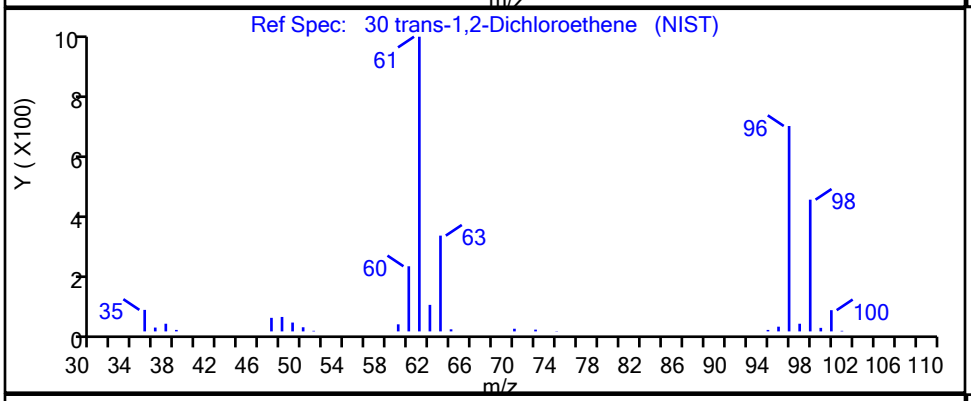
30 trans-1,2-Dichloroethene, CAS: 156-60-5

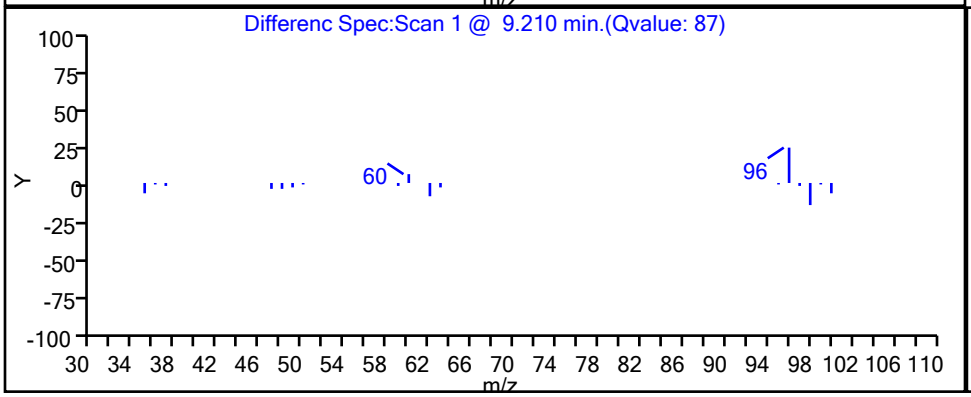


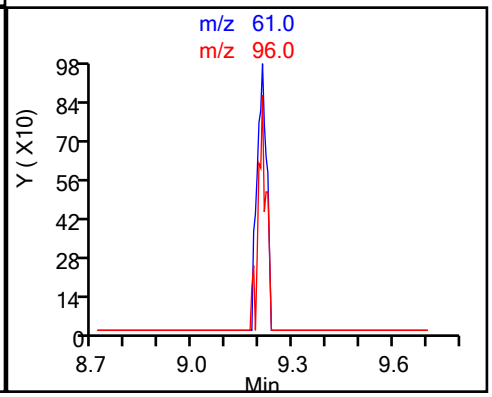












Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
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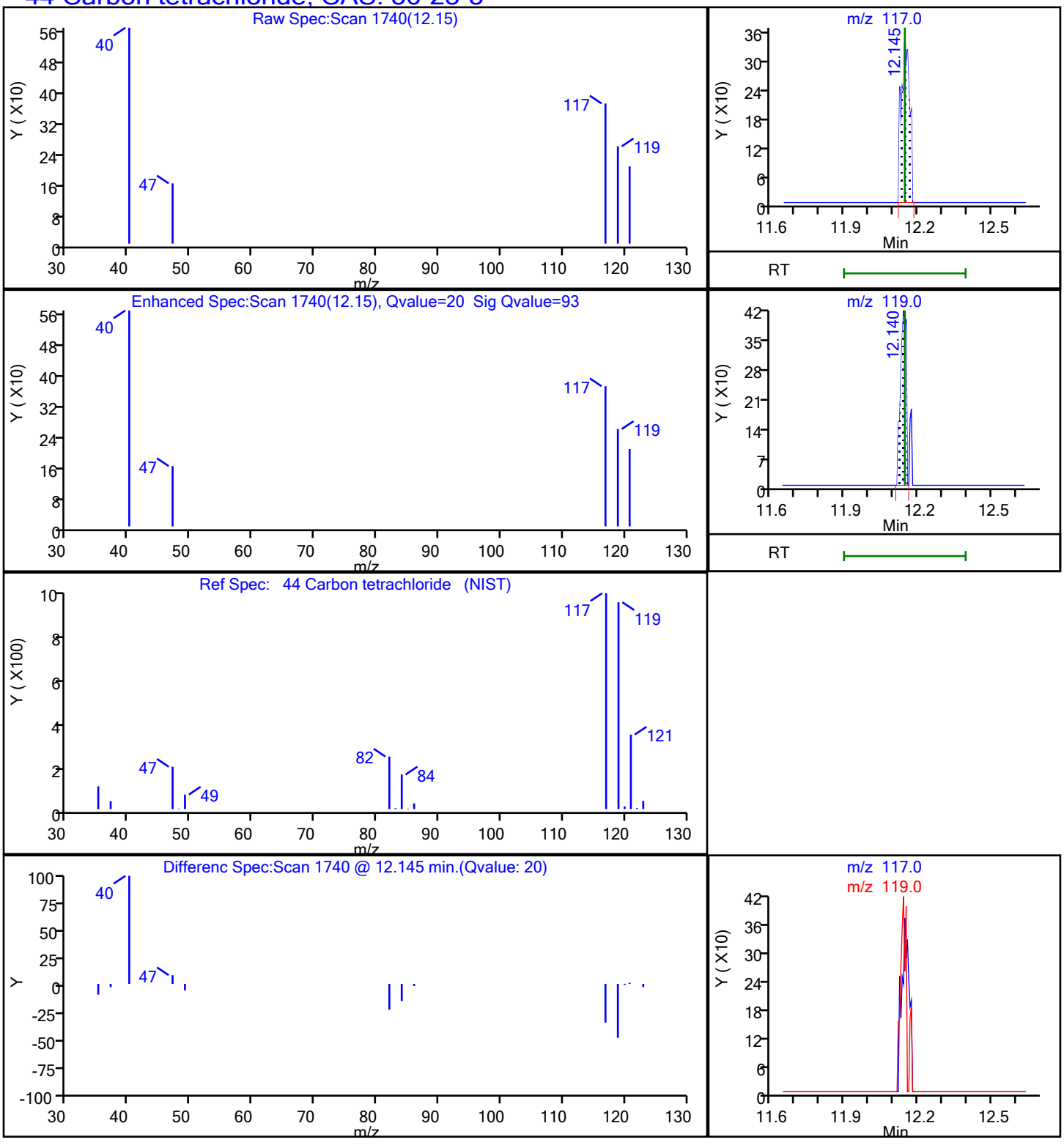
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Carbon tetrachloride, CAS: 56-23-5



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
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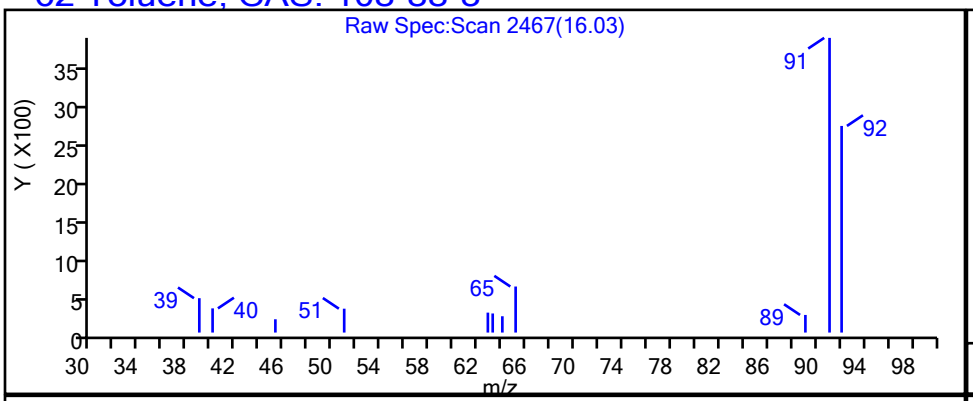
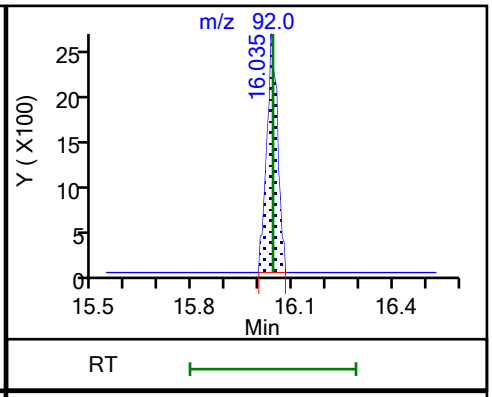
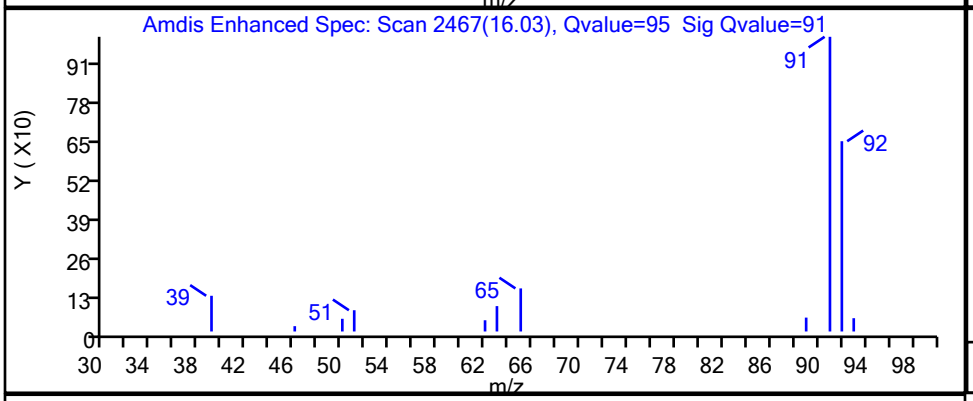
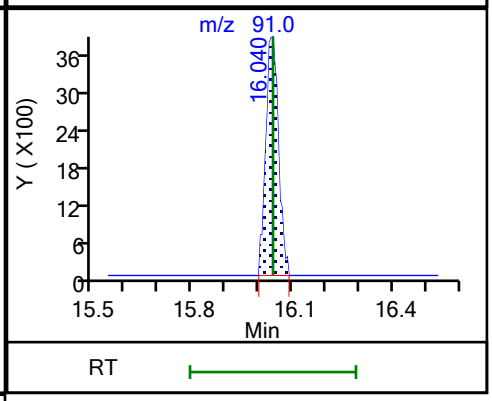
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

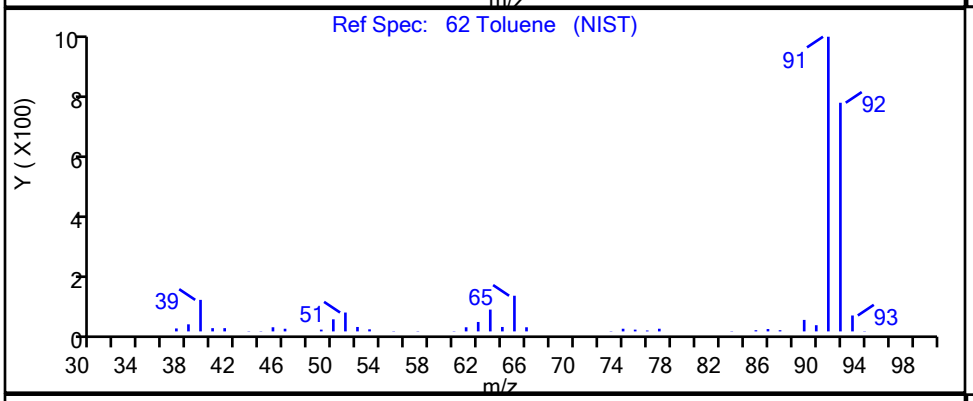
62 Toluene, CAS: 108-88-3

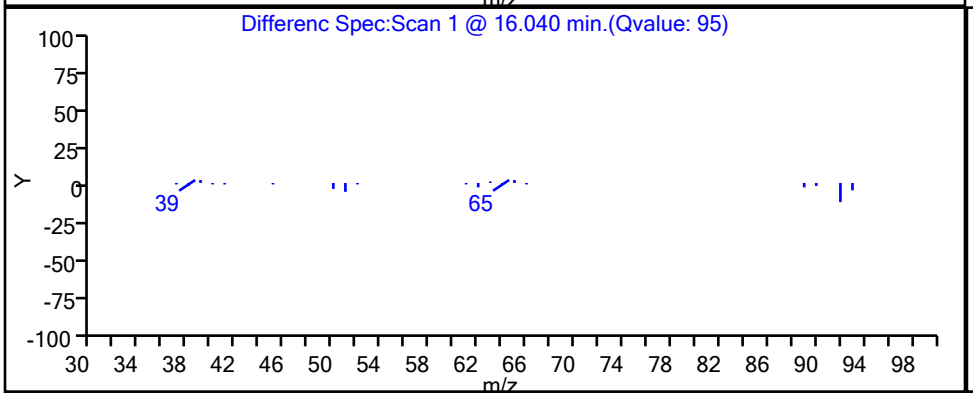


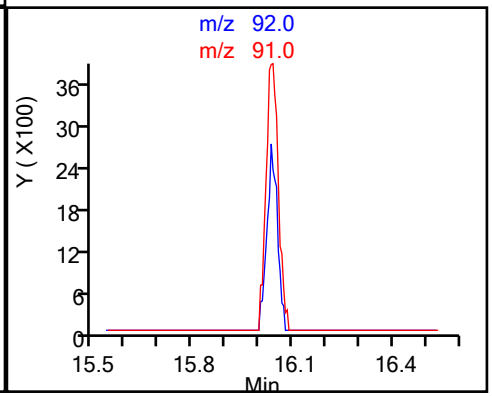












Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

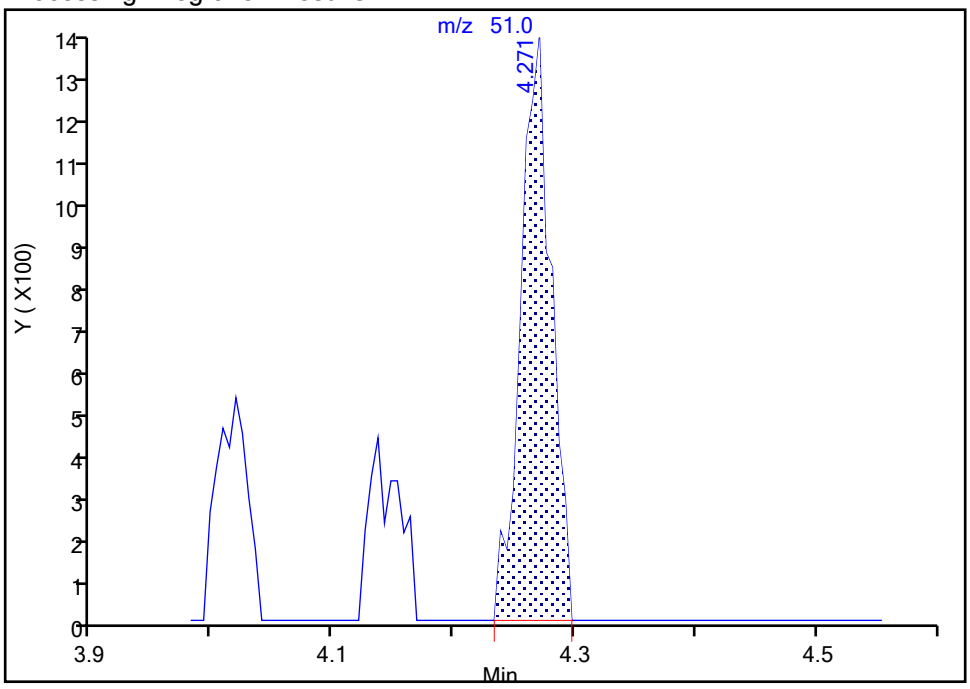
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Processing Integration Results

RT: 4.27
Area: 2375
Amount: 0.164319
Amount Units: ppb v/v



Manual Integration Results

RT: 4.27
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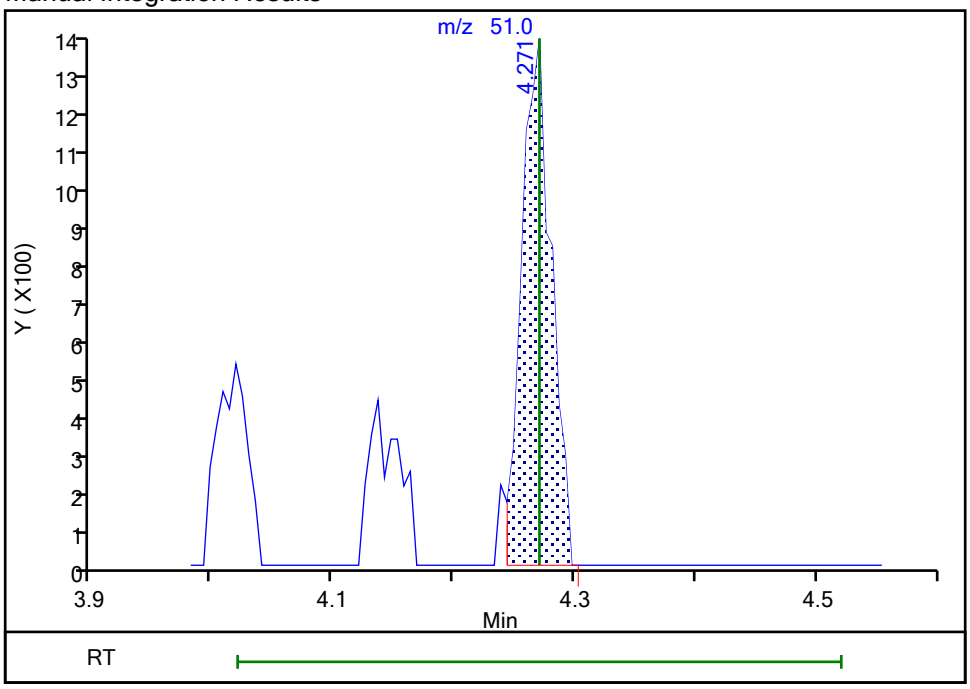
Amount: 0.159753
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:04:15

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

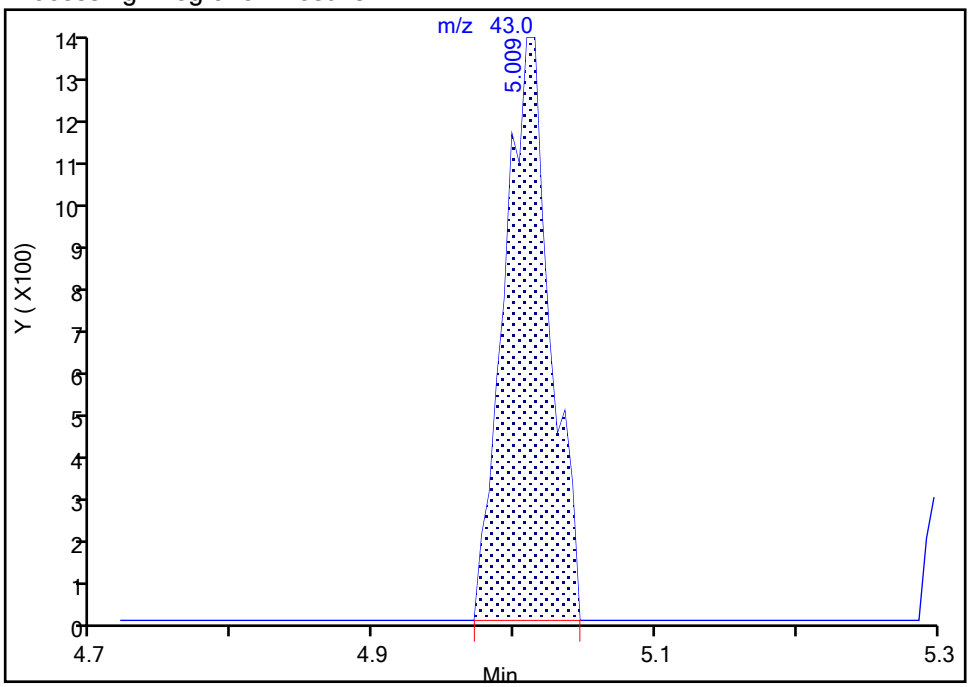
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

Signal: 1

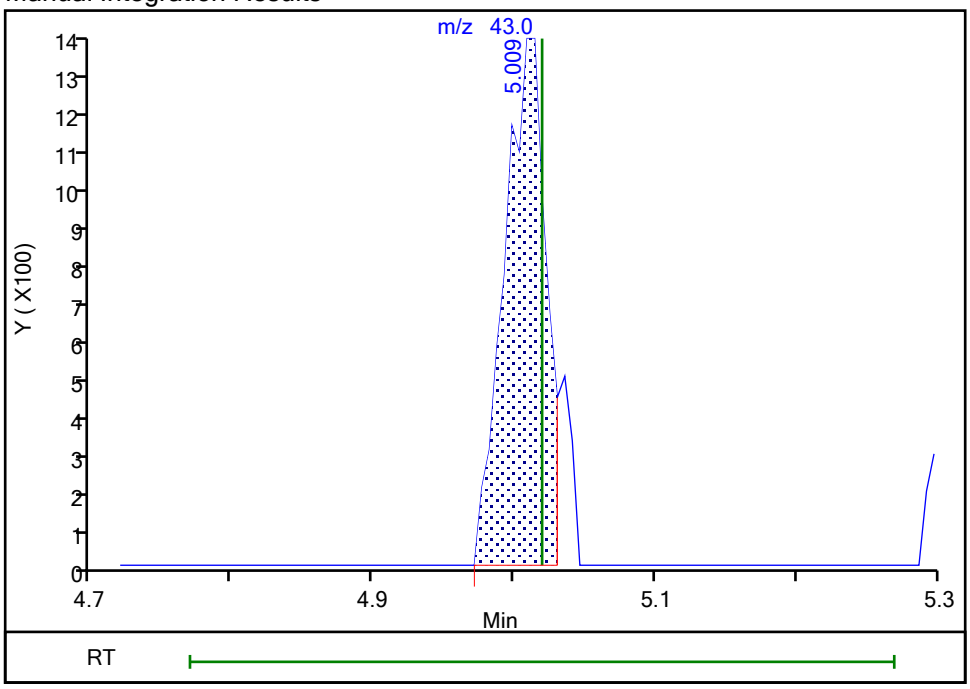
Processing Integration Results

RT: 5.01
Area: 3063
Amount: 0.246145
Amount Units: ppb v/v



Manual Integration Results

RT: 5.01
Area: 2804
Amount: 0.225332
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:04:51

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

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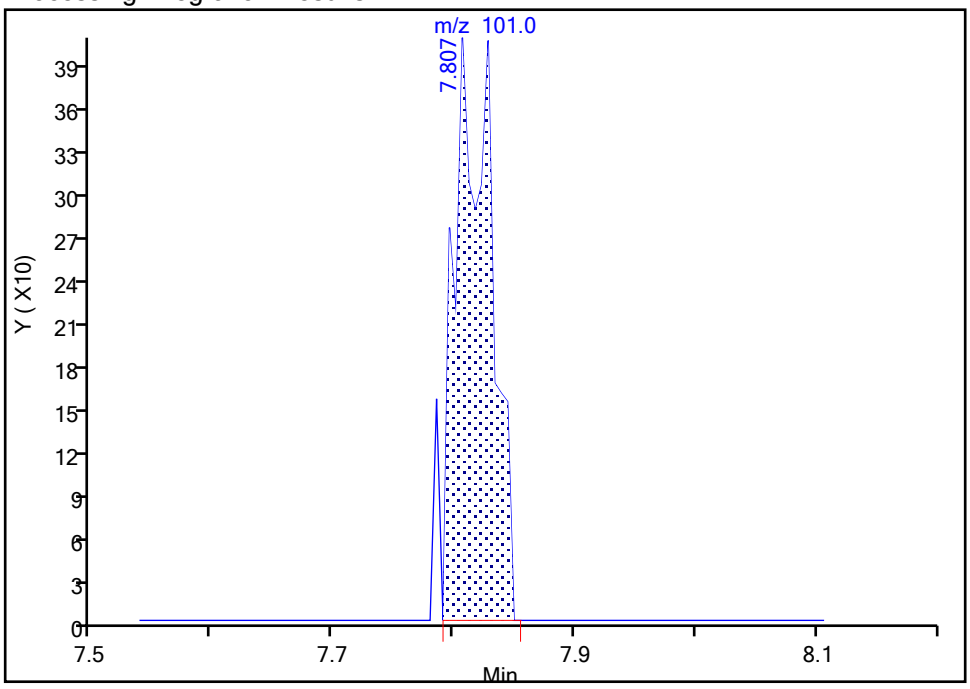
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 112TCTFE, CAS: 76-13-1

Signal: 1

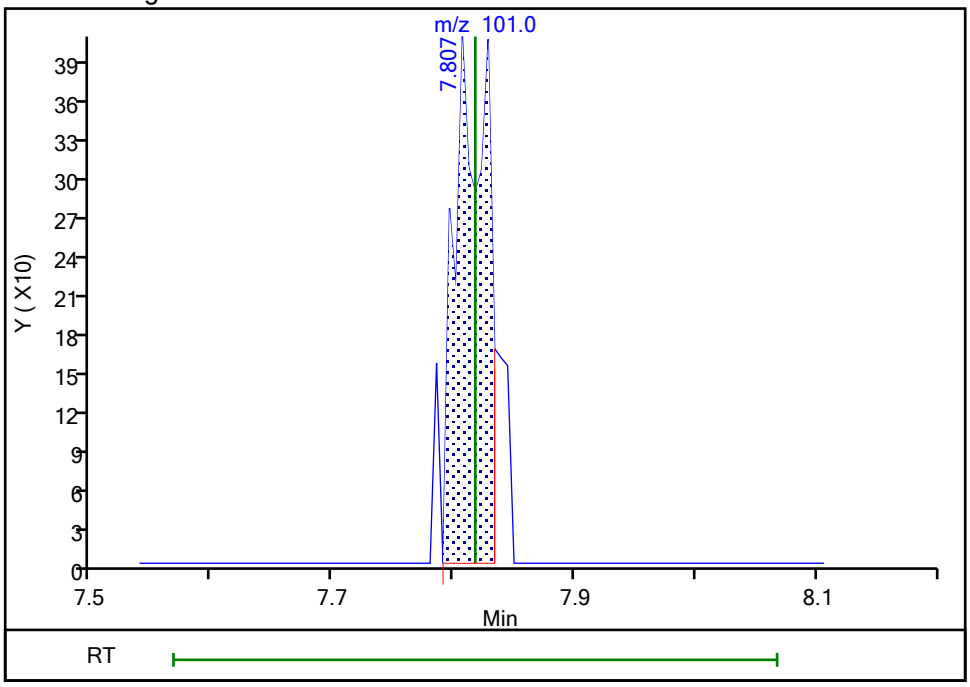
Processing Integration Results

RT: 7.81
Area: 854
Amount: 0.052133
Amount Units: ppb v/v



Manual Integration Results

RT: 7.81
Area: 754
Amount: 0.046028
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:05:32

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

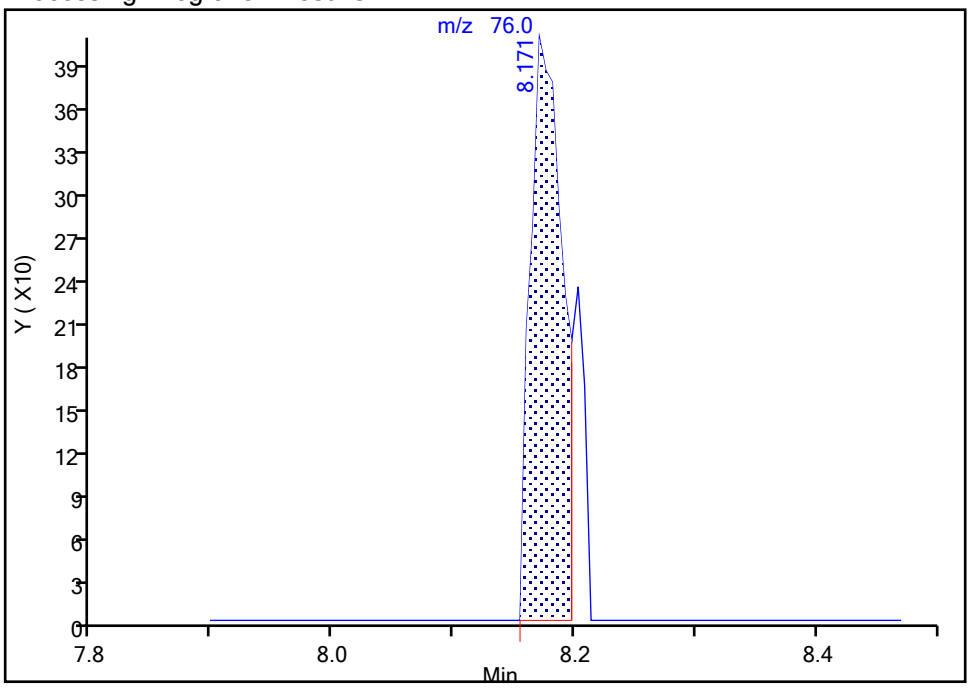
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

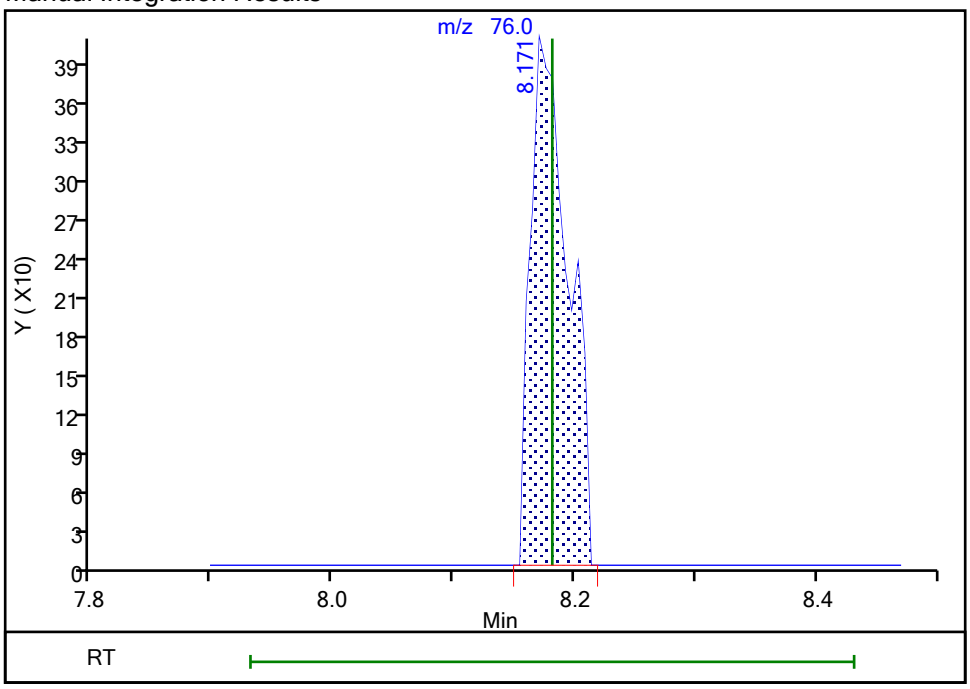
Processing Integration Results

RT: 8.17
Area: 757
Amount: 0.039535
Amount Units: ppb v/v



Manual Integration Results

RT: 8.17
Area: 884
Amount: 0.046168
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:06:08
Audit Action: Manually Integrated Audit Reason: Assign Peak

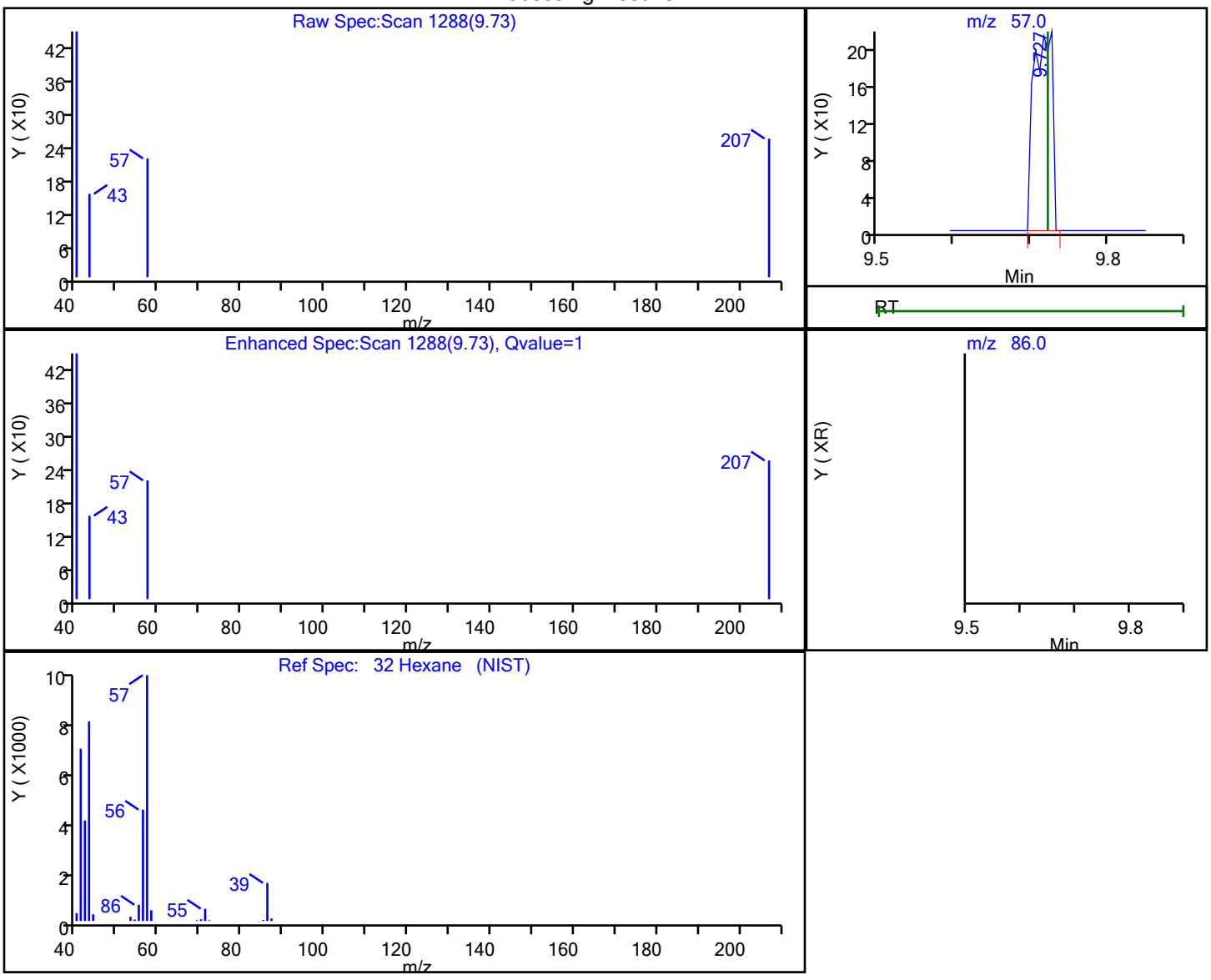
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.73	57.00	368	0.042632
9.72	86.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:06:55

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

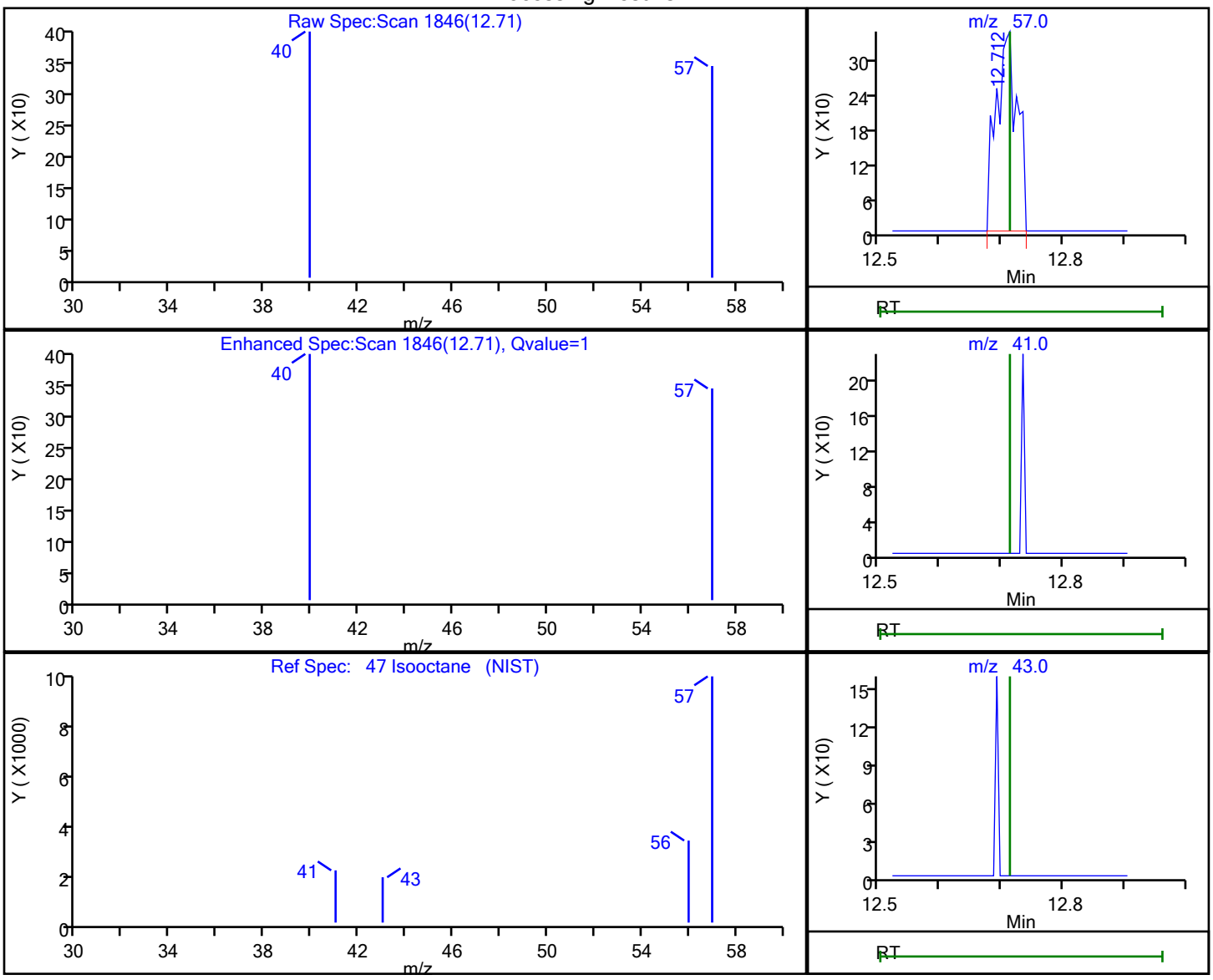
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
12.71	57.00	831	0.032406
12.71	41.00	0	
12.71	43.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:08:02

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

Eurofins TestAmerica, Burlington

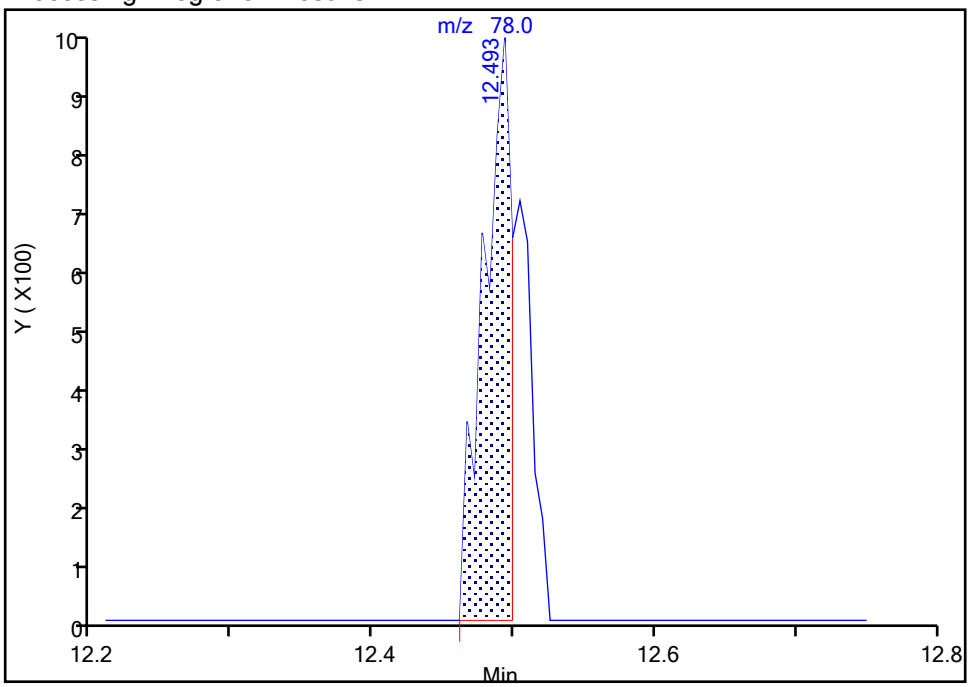
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

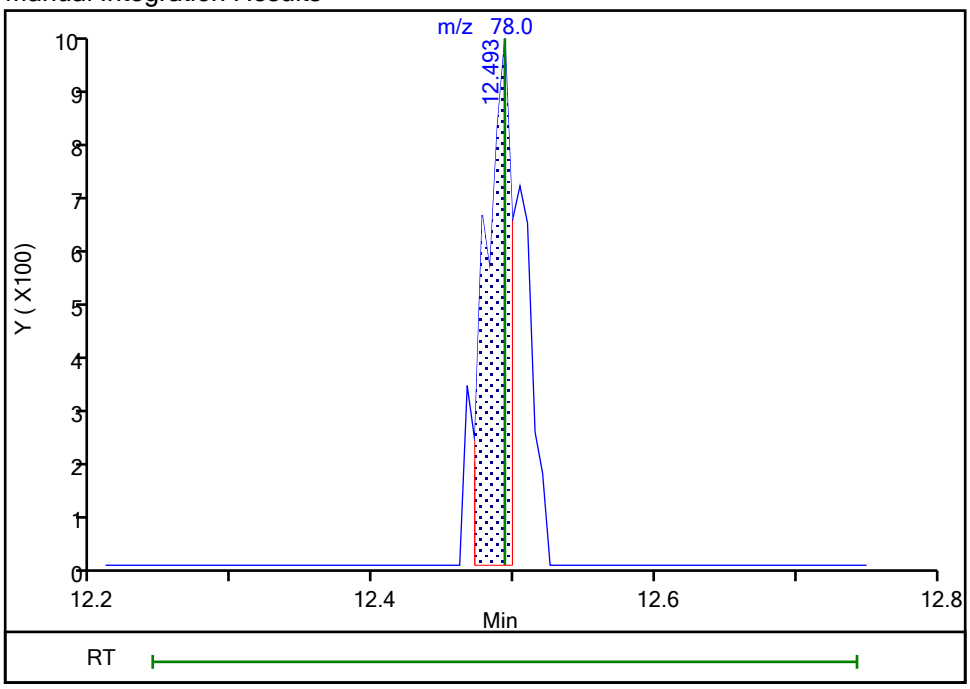
Processing Integration Results

RT: 12.49
Area: 1378
Amount: 0.076088
Amount Units: ppb v/v



Manual Integration Results

RT: 12.49
Area: 1268
Amount: 0.070014
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:07:38
Audit Action: Manually Integrated Audit Reason: Assign Peak

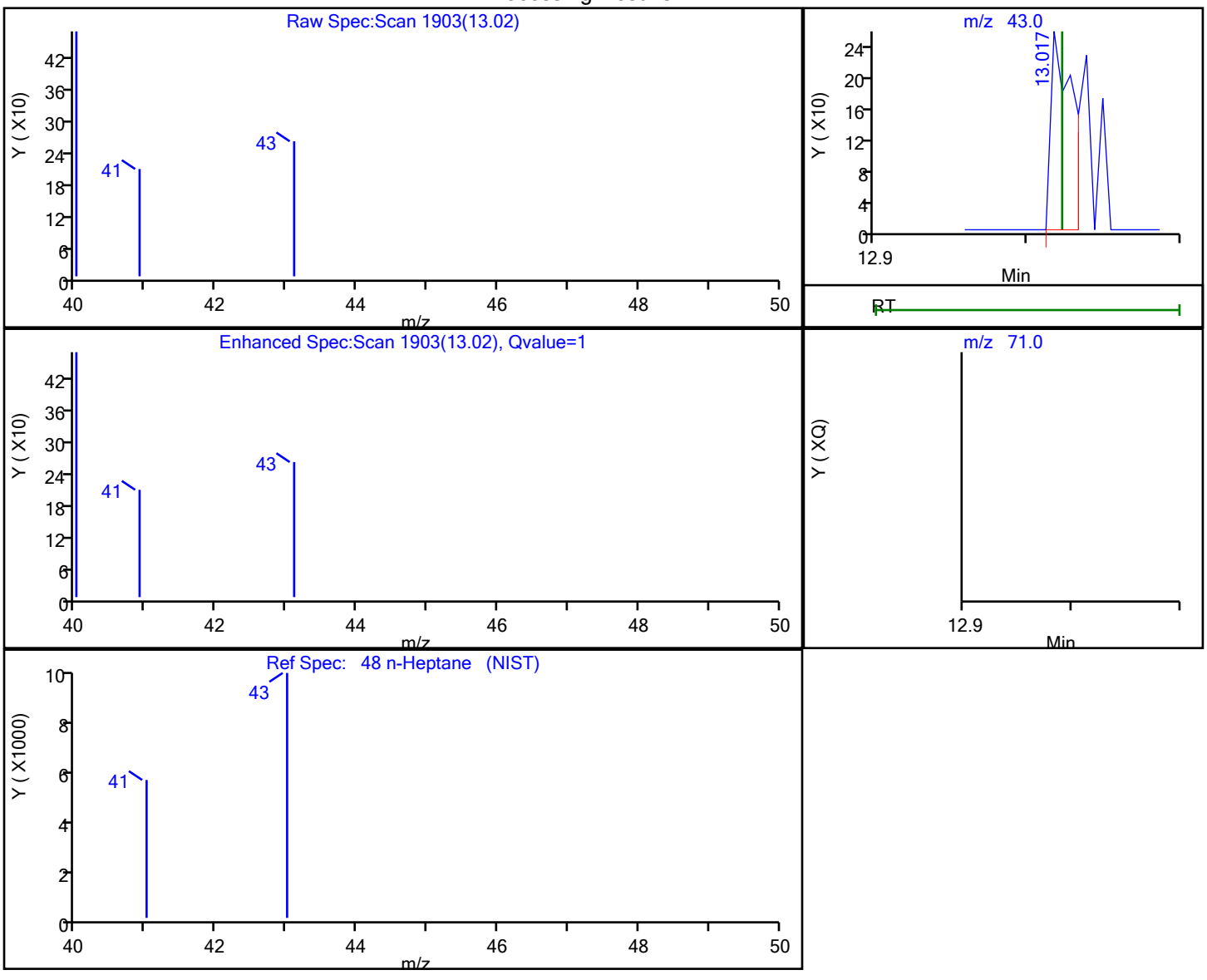
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
13.02	43.00	253	0.026810
13.02	71.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:08:22

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

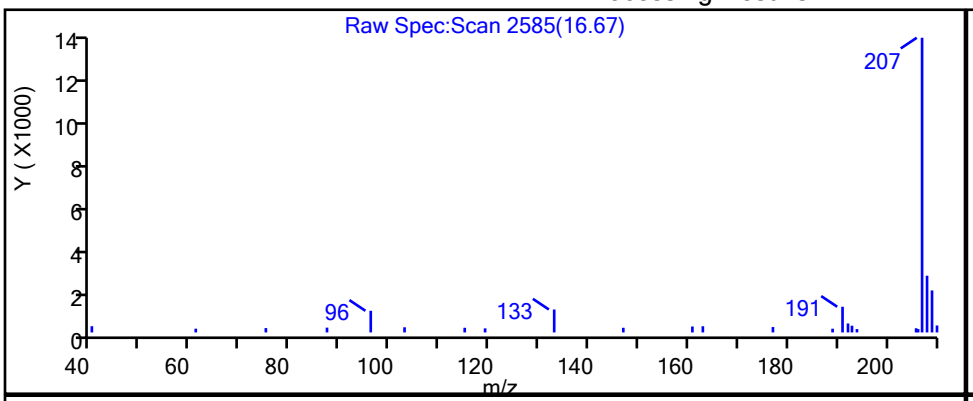
User Disabled Compound Report

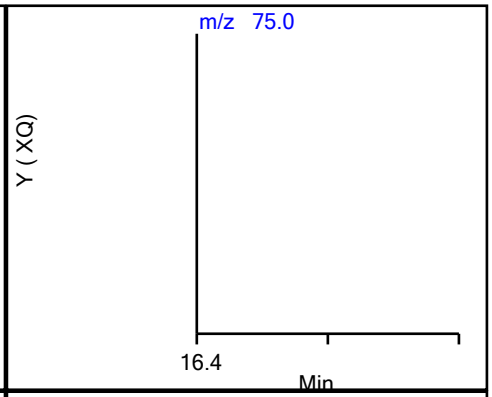
Eurofins TestAmerica, Burlington

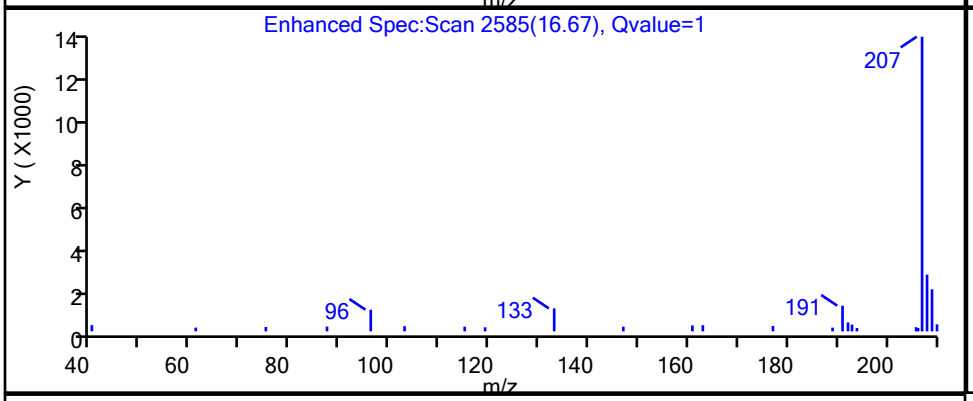
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

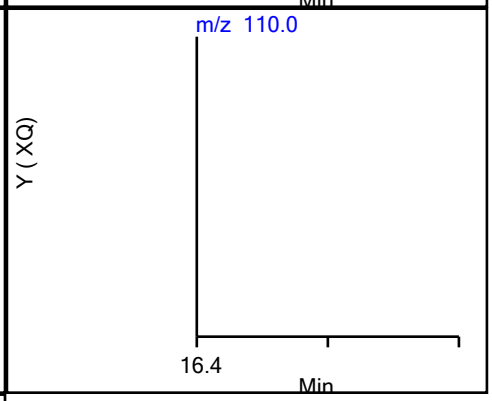
64 trans-1,3-Dichloropropene, CAS: 10061-02-6

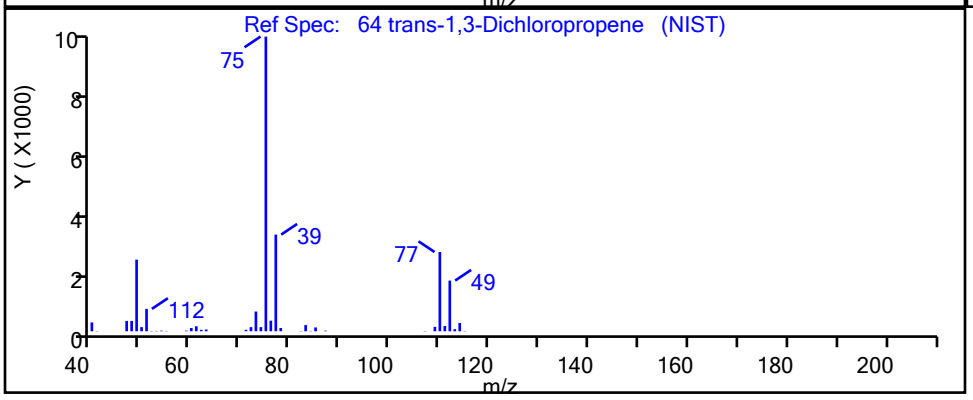
Processing Results











RT	Mass	Response	Amount
16.67	75.00	190	0.017530
16.45	110.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:08:35

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

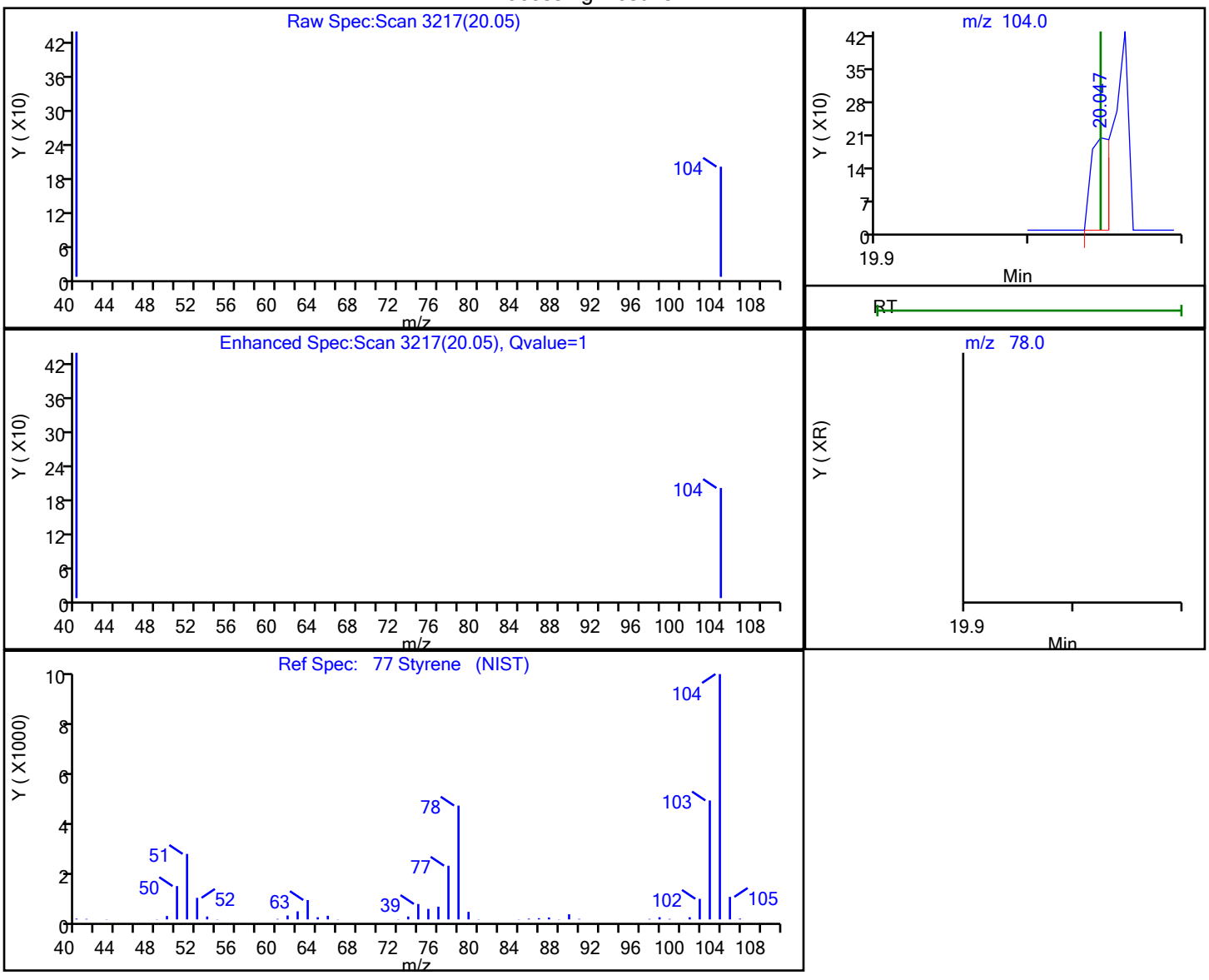
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

77 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
20.05	104.00	181	0.010385
20.05	78.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:09:02

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

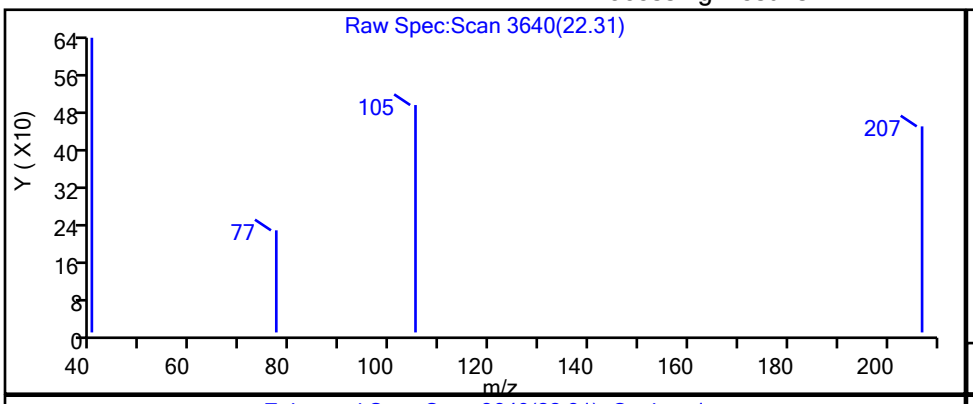
User Disabled Compound Report

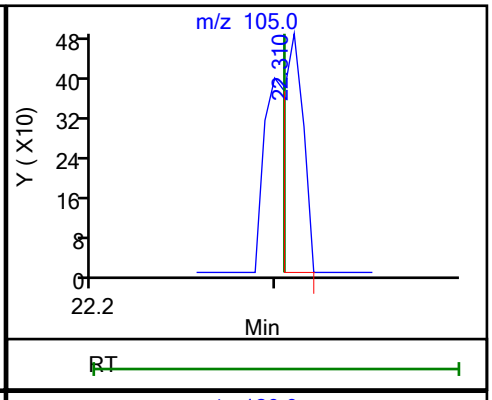
Eurofins TestAmerica, Burlington

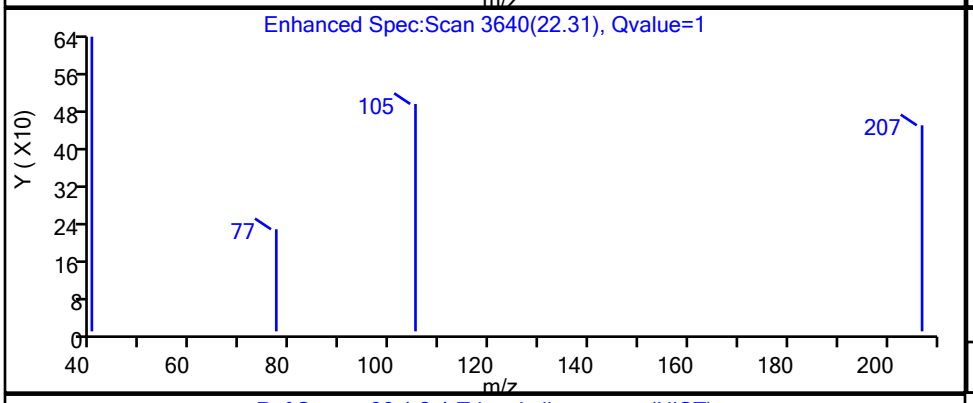
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d				
Injection Date:	08-Oct-2021 17:49:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-2	Lab Sample ID:	200-60355-2		
Client ID:	IA-X_20210929				
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

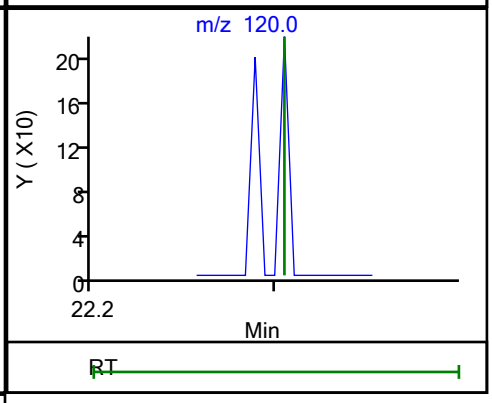
90 1,2,4-Trimethylbenzene, CAS: 95-63-6

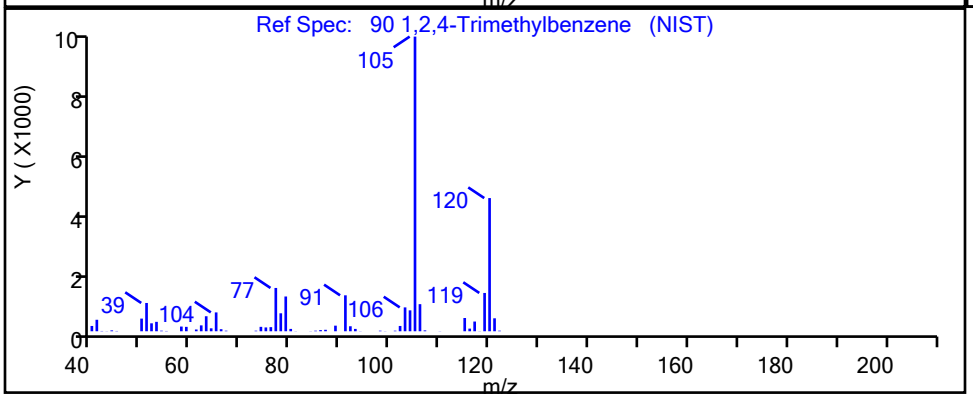
Processing Results











RT	Mass	Response	Amount
22.31	105.00	373	0.012417
22.30	120.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:09:32

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

Report Date: 11-Oct-2021 09:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d

Injection Date: 08-Oct-2021 17:49:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-2 Lab Sample ID: 200-60355-2

Client ID: IA-X_20210929

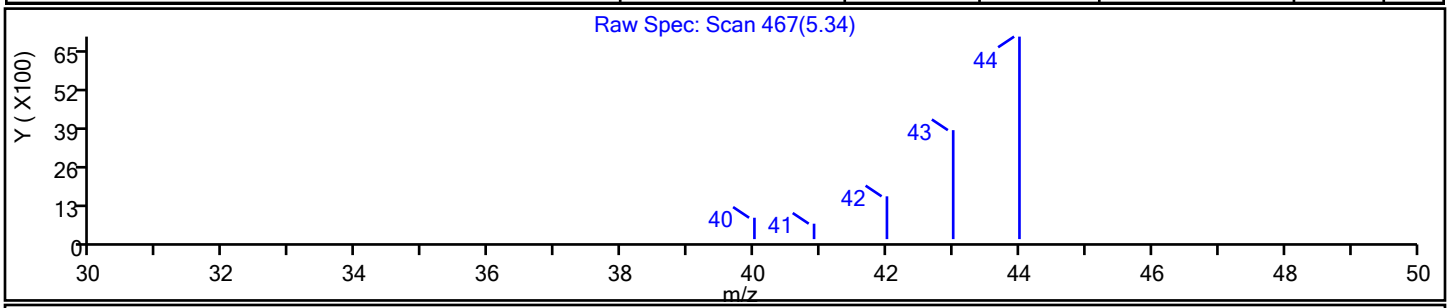
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11

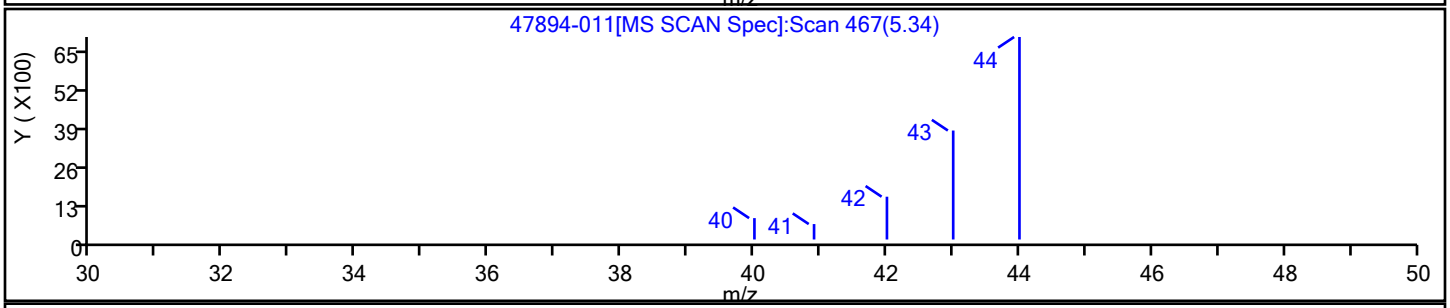
Purge Vol: 200.000 mL Dil. Factor: 1.0000

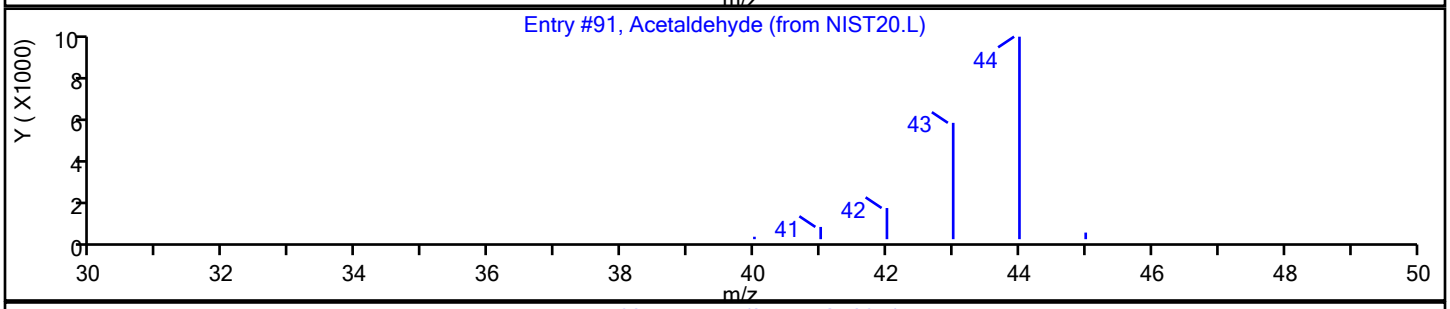
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

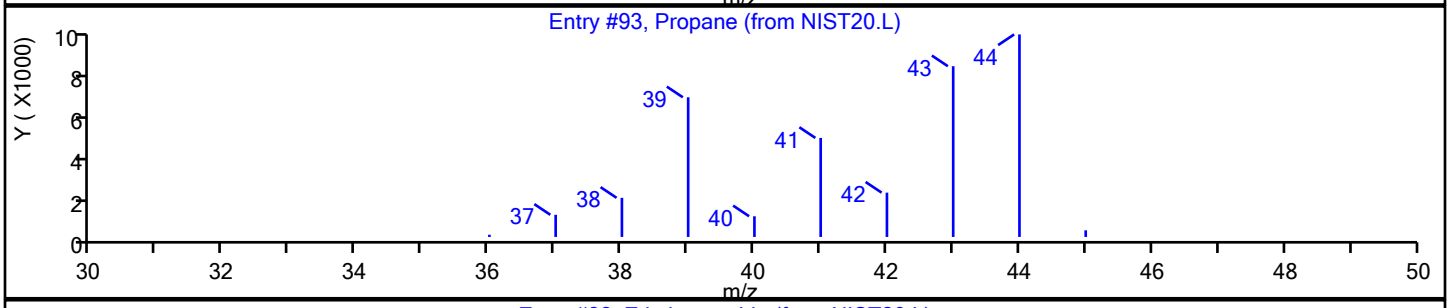
Column: Detector MS SCAN

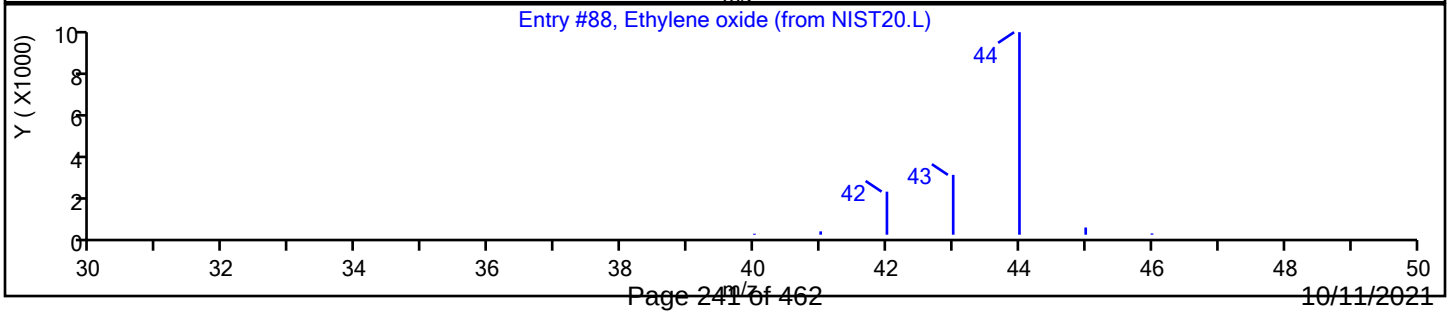
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Acetaldehyde	75-07-0	NIST20.L	91	C2H4O	44	9
Propane	74-98-6	NIST20.L	93	C3H8	44	4
Ethylene oxide	75-21-8	NIST20.L	88	C2H4O	44	4











Report Date: 11-Oct-2021 09:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d

Injection Date: 08-Oct-2021 17:49:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-2 Lab Sample ID: 200-60355-2

Client ID: IA-X_20210929

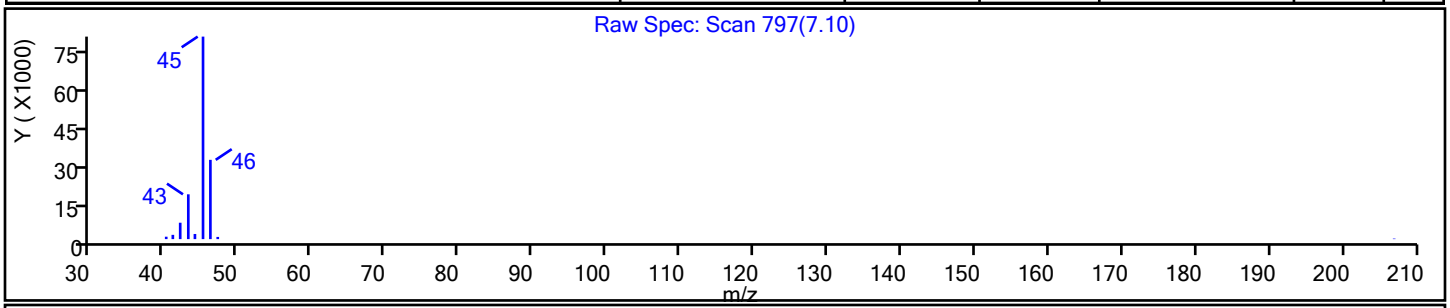
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11

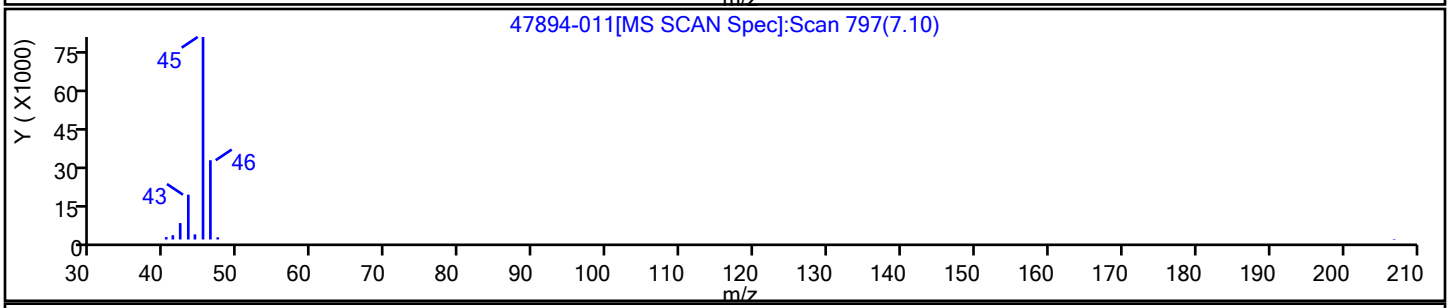
Purge Vol: 200.000 mL Dil. Factor: 1.0000

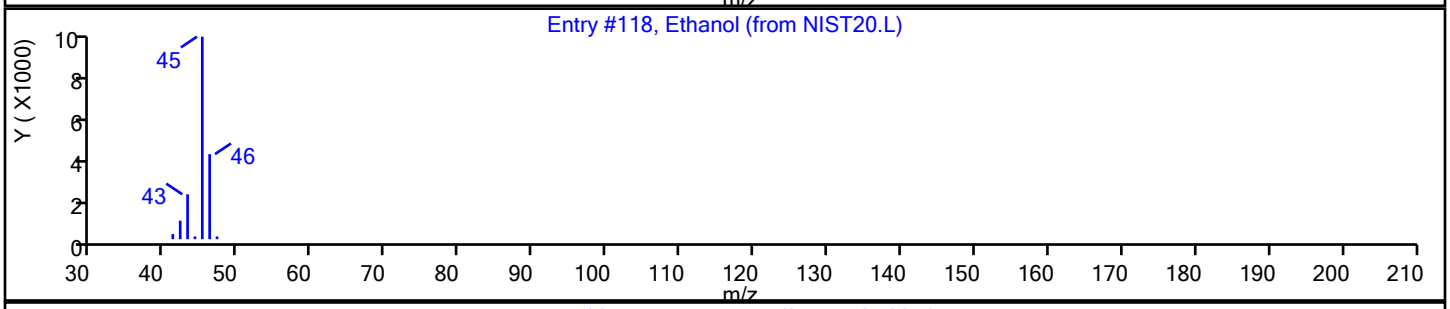
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

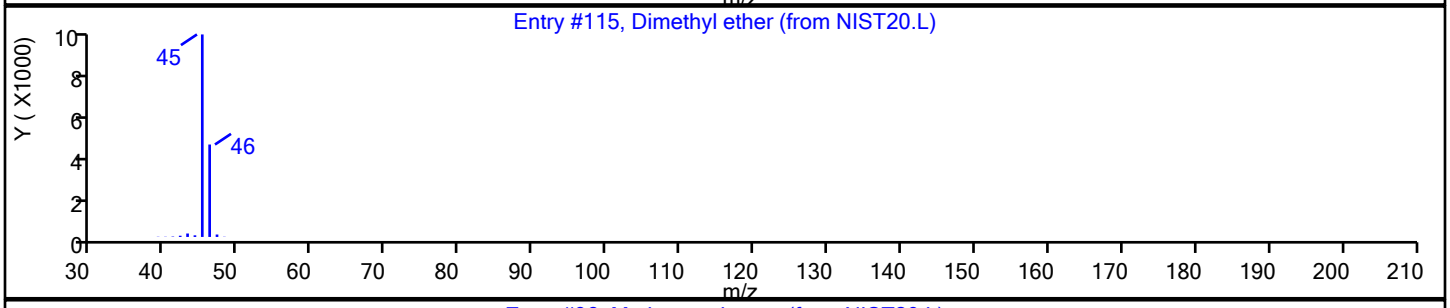
Column: Detector MS SCAN

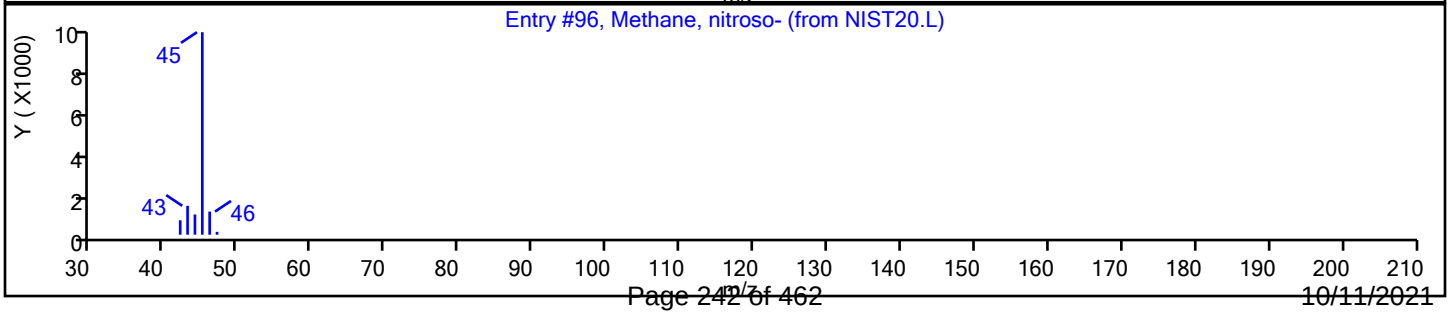
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Ethanol	64-17-5	NIST20.L	118	C2H6O	46	74
Dimethyl ether	115-10-6	NIST20.L	115	C2H6O	46	9
Methane, nitroso-	865-40-7	NIST20.L	96	CH3NO	45	5







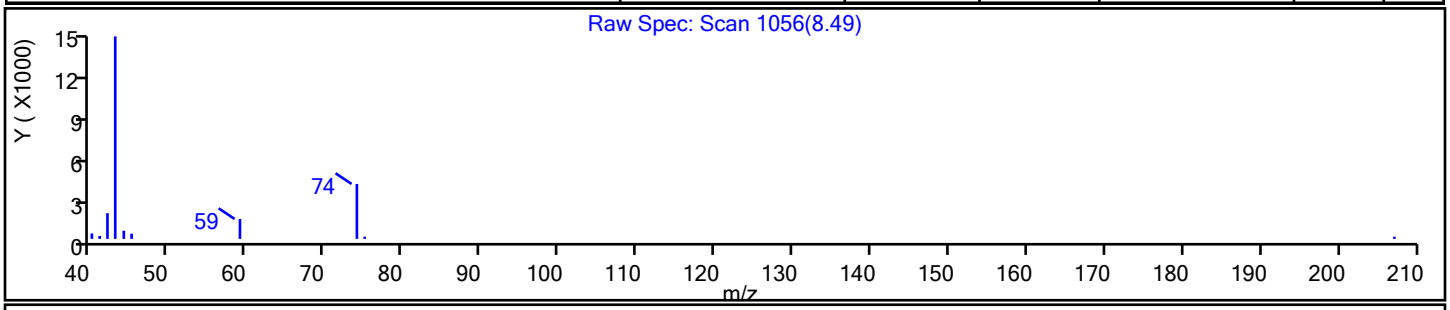


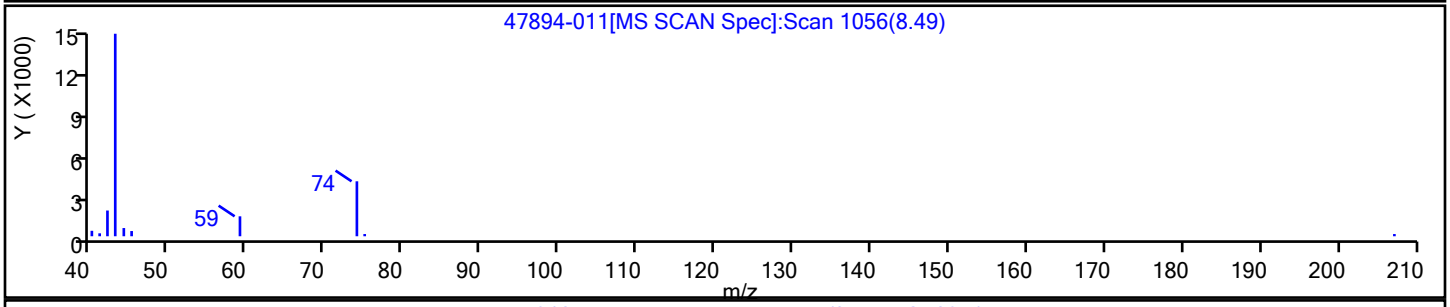


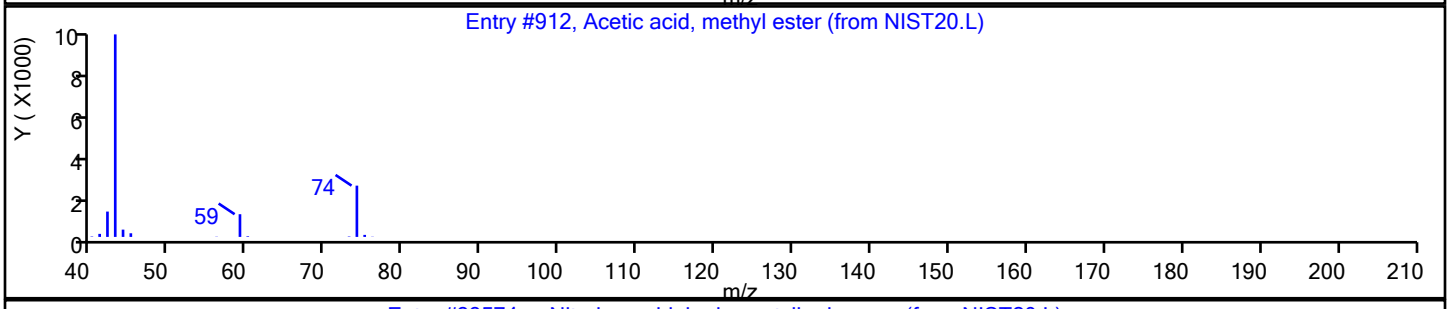
Eurofins TestAmerica, Burlington

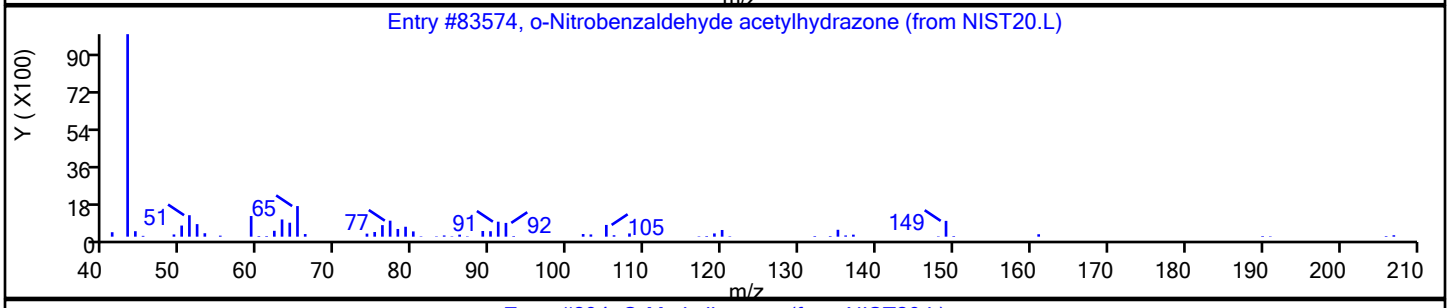
Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d
Injection Date: 08-Oct-2021 17:49:30 Instrument ID: CHW.i
Lims ID: 200-60355-A-2 Lab Sample ID: 200-60355-2
Client ID: IA-X_20210929
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

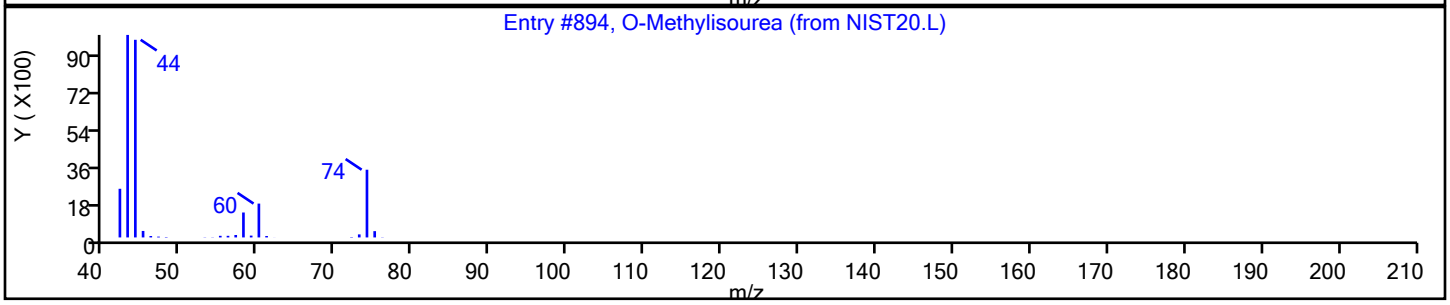
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Acetic acid, methyl ester	79-20-9	NIST20.L	912	C3H6O2	74	90
o-Nitrobenzaldehyde acetylhydrazone	59019-15-7	NIST20.L	83574	C9H9N3O3	207	5
O-Methylisourea	2440-60-0	NIST20.L	894	C2H6N2O	74	5







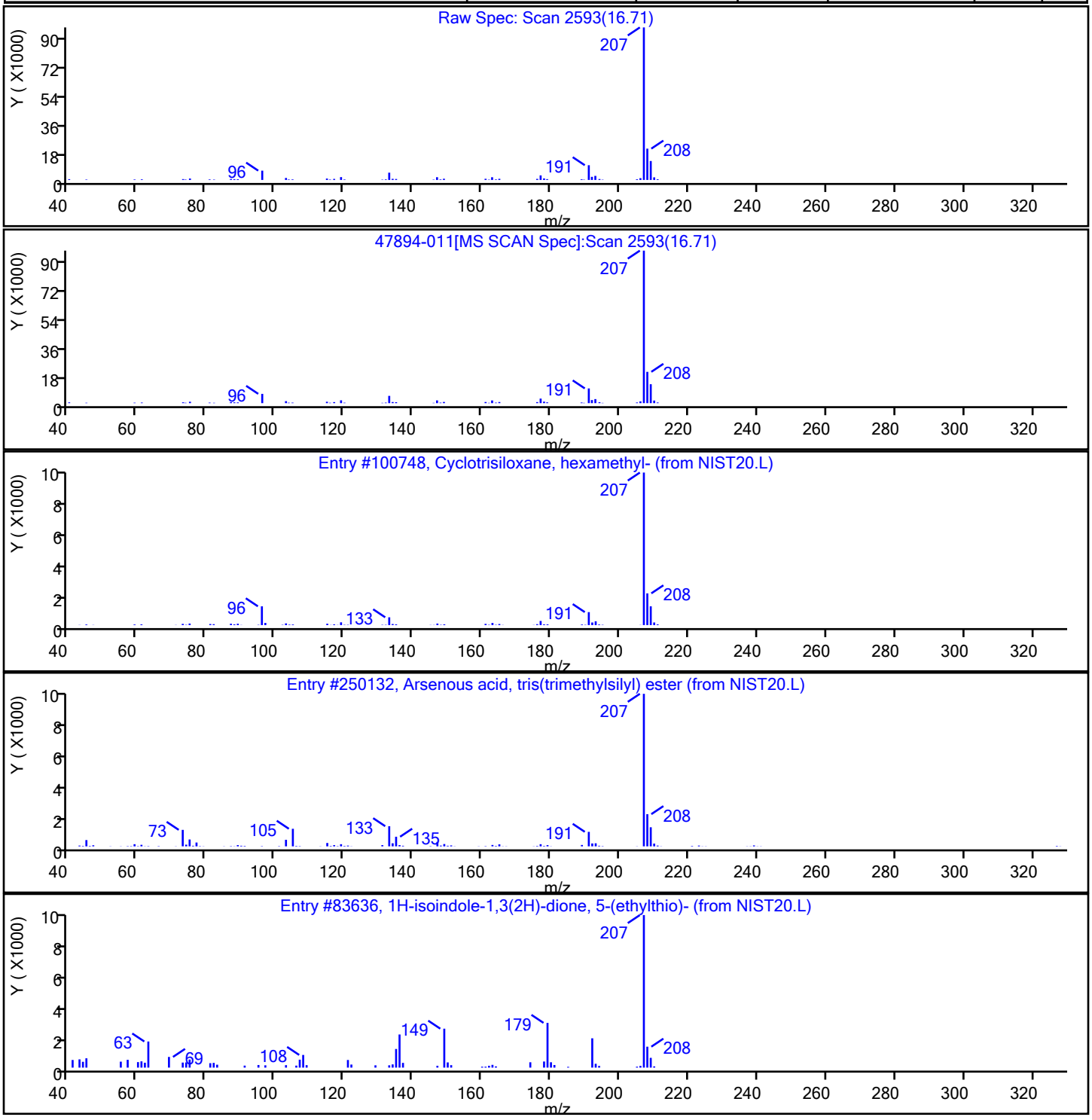




Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d
Injection Date: 08-Oct-2021 17:49:30 Instrument ID: CHW.i
Lims ID: 200-60355-A-2 Lab Sample ID: 200-60355-2
Client ID: IA-X_20210929
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

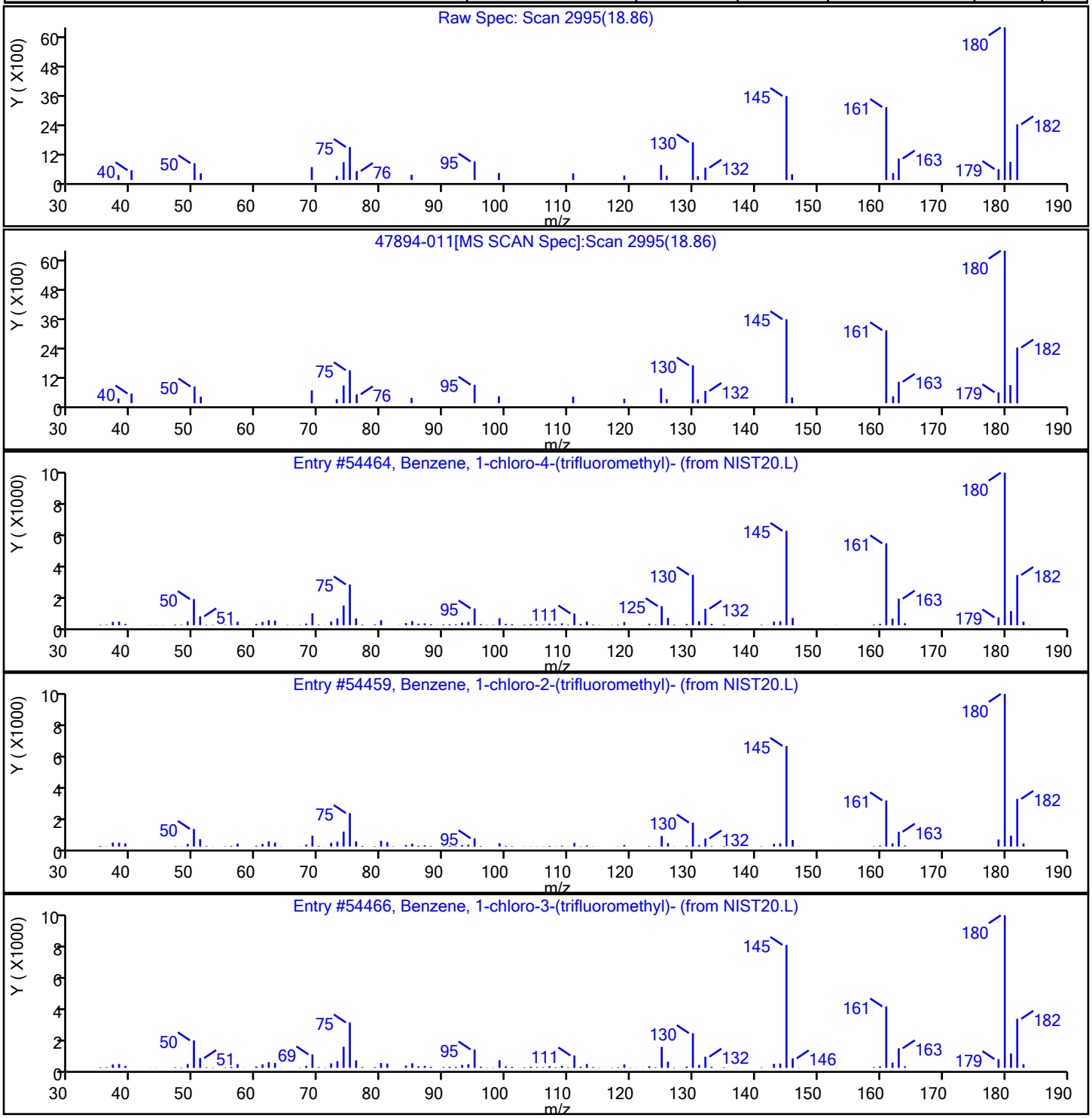
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST20.L	100748	C6H18O3Si3	222	86
Arsenous acid, tris(trimethylsilyl) ester	55429-29-3	NIST20.L	250132	C9H27AsO3Si3	342	78
1H-isoindole-1,3(2H)-dione, 5-(ethylthio)-	998400-54-2	NIST20.L	83636	C10H9NO2S	207	50



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-011.d
Injection Date: 08-Oct-2021 17:49:30 Instrument ID: CHW.i
Lims ID: 200-60355-A-2 Lab Sample ID: 200-60355-2
Client ID: IA-X_20210929
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	NIST20.L	54464	C7H4ClF3	180	96
Benzene, 1-chloro-2-(trifluoromethyl)-	88-16-4	NIST20.L	54459	C7H4ClF3	180	94
Benzene, 1-chloro-3-(trifluoromethyl)-	98-15-7	NIST20.L	54466	C7H4ClF3	180	91



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.23	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.17	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.40	J	0.50	0.12
106-97-8	n-Butane	58.12	0.35	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.17	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	2.4	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.32	J	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.044		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.087	J	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.42	J	0.50	0.19
108-88-3	Toluene	92.14	0.25		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.33		0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.60	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.82	J	1.0	0.25
106-97-8	n-Butane	58.12	0.82	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.94	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	5.7	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.95	J	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.28		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.28	J	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.7	J	2.0	0.78
108-88-3	Toluene	92.14	0.93		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	2.2		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 2 TIC Result Total: 3.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	7.13	1.6	J	
	Unknown	10.83	1.8	J	

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d
Lims ID: 200-60355-A-3
Client ID: AA_20210929
Sample Type: Client
Inject. Date: 08-Oct-2021 18:45:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-012
Misc. Info.: 60355-3
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 09:29:48 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 09:29:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.239	4.228	0.017	97	5749	0.2346	
3 Chlorodifluoromethane	51	4.281	4.281	0.010	96	2157	0.1691	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.586				ND	
5 Chloromethane	50	4.720	4.725	0.016	98	2622	0.3973	
6 Vinyl chloride	62		5.014				ND	
7 Butane	43	5.025	5.009	0.005	94	3791	0.3453	
8 Butadiene	54		5.132				ND	
9 Bromomethane	94		5.849				ND	
10 Chloroethane	64		6.127				ND	
13 Vinyl bromide	106		6.544				ND	
14 Trichlorofluoromethane	101	6.715	6.715	0.010	94	3779	0.1671	
20 1,1-Dichloroethene	96		7.775				ND	
21 112TCTFE	101	7.812	7.807	-0.005	1	644	0.0446	
22 Acetone	43	7.903	7.892	0.032	92	20604	2.40	
24 Isopropyl alcohol	45	8.235	8.235	0.059	40	1926	0.2218	M
23 Carbon disulfide	76	8.192	8.192	0.011	94	1716	0.1016	M
26 3-Chloro-1-propene	41		8.475				ND	
27 Methylene Chloride	49	8.711	8.705	0.006	20	413	0.0649	
28 2-Methyl-2-propanol	59		8.952				ND	
30 trans-1,2-Dichloroethene	61		9.208				ND	
31 Methyl tert-butyl ether	73		9.230				ND	
32 Hexane	57		9.722				ND	U
33 1,1-Dichloroethane	63		9.979				ND	
37 2-Butanone (MEK)	72	11.001	10.947	0.049	51	734	0.3216	
36 cis-1,2-Dichloroethene	96		10.974				ND	
* 39 Chlorobromomethane	128	11.380	11.386	-0.006	73	43448	10.0	
40 Tetrahydrofuran	42		11.439				ND	
41 Chloroform	83		11.562				ND	
42 1,1,1-Trichloroethane	97		11.867				ND	
43 Cyclohexane	84		12.012				ND	
44 Carbon tetrachloride	117	12.140	12.140	-0.005	3	929	0.0445	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.498	12.498	0.005	79	1454	0.0873	M
46 1,2-Dichloroethane	62		12.573				ND	
47 Isooctane	57		12.712				ND	MU
48 n-Heptane	43		13.023				ND	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	93	192518	10.0	
51 Trichloroethene	95		13.665				ND	
53 1,2-Dichloropropane	63		14.119				ND	
55 Methyl methacrylate	69		14.221				ND	
57 1,4-Dioxane	88		14.269				ND	
58 Dichlorobromomethane	83		14.590				ND	
60 cis-1,3-Dichloropropene	75		15.398				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.692	15.664	0.021	94	5010	0.4216	
62 Toluene	92	16.045	16.045	0.005	97	3058	0.2472	
64 trans-1,3-Dichloropropene	75		16.452				ND	
65 1,1,2-Trichloroethane	83		16.826				ND	
66 Tetrachloroethene	166	17.035	17.030	0.005	79	4602	0.3277	
67 2-Hexanone	43		17.254				ND	7
68 Chlorodibromomethane	129		17.570				ND	
69 Ethylene Dibromide	107		17.811				ND	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	83	160011	10.0	
72 Chlorobenzene	112		18.779				ND	
73 Ethylbenzene	91		18.972				ND	U
74 m-Xylene & p-Xylene	106	19.212	19.212	-0.032	0	822	0.0734	M
76 o-Xylene	106		20.009				ND	
77 Styrene	104		20.047				ND	
79 Bromoform	173		20.395				ND	
80 Isopropylbenzene	105		20.716				ND	
81 1,1,2,2-Tetrachloroethane	83		21.234				ND	
83 N-Propylbenzene	91		21.438				ND	
84 2-Chlorotoluene	91		21.582				ND	
85 4-Ethyltoluene	105		21.636				ND	U
86 1,3,5-Trimethylbenzene	105		21.732				ND	
89 tert-Butylbenzene	119		22.213				ND	
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	1	958	0.0346	M
91 sec-Butylbenzene	105		22.545				ND	
92 1,3-Dichlorobenzene	146		22.716				ND	
93 4-Isopropyltoluene	119		22.759				ND	
94 1,4-Dichlorobenzene	146		22.855				ND	
95 Benzyl chloride	91		23.000				ND	
96 n-Butylbenzene	91		23.310				ND	
97 1,2-Dichlorobenzene	146		23.342				ND	
100 1,2,4-Trichlorobenzene	180		25.766				ND	
101 Hexachlorobutadiene	225		26.012				ND	
102 Naphthalene	128		26.236				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

Eurofins TestAmerica, Burlington
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Lims ID:	200-60355-A-3				
Client ID:	AA_20210929				
Sample Type:	Client				
Inject. Date:	08-Oct-2021 18:45:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	200-0047894-012				
Misc. Info.:	60355-3				
Operator ID:	vtp	Instrument ID:	CHW.i		
Method:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	11-Oct-2021 09:29:48	Calib Date:	16-Sep-2021 09:57:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Burlington\Database\NIST20.L				
Min. Match:	1				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1666				
First Level Reviewer: bunmaa		Date:	11-Oct-2021 09:29:48		

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
7.133	43489	1.65	39	0	0		0	
	Unknown							
10.829	46662	1.77	39	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 39 Chlorobromomethane	11.386	263944	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

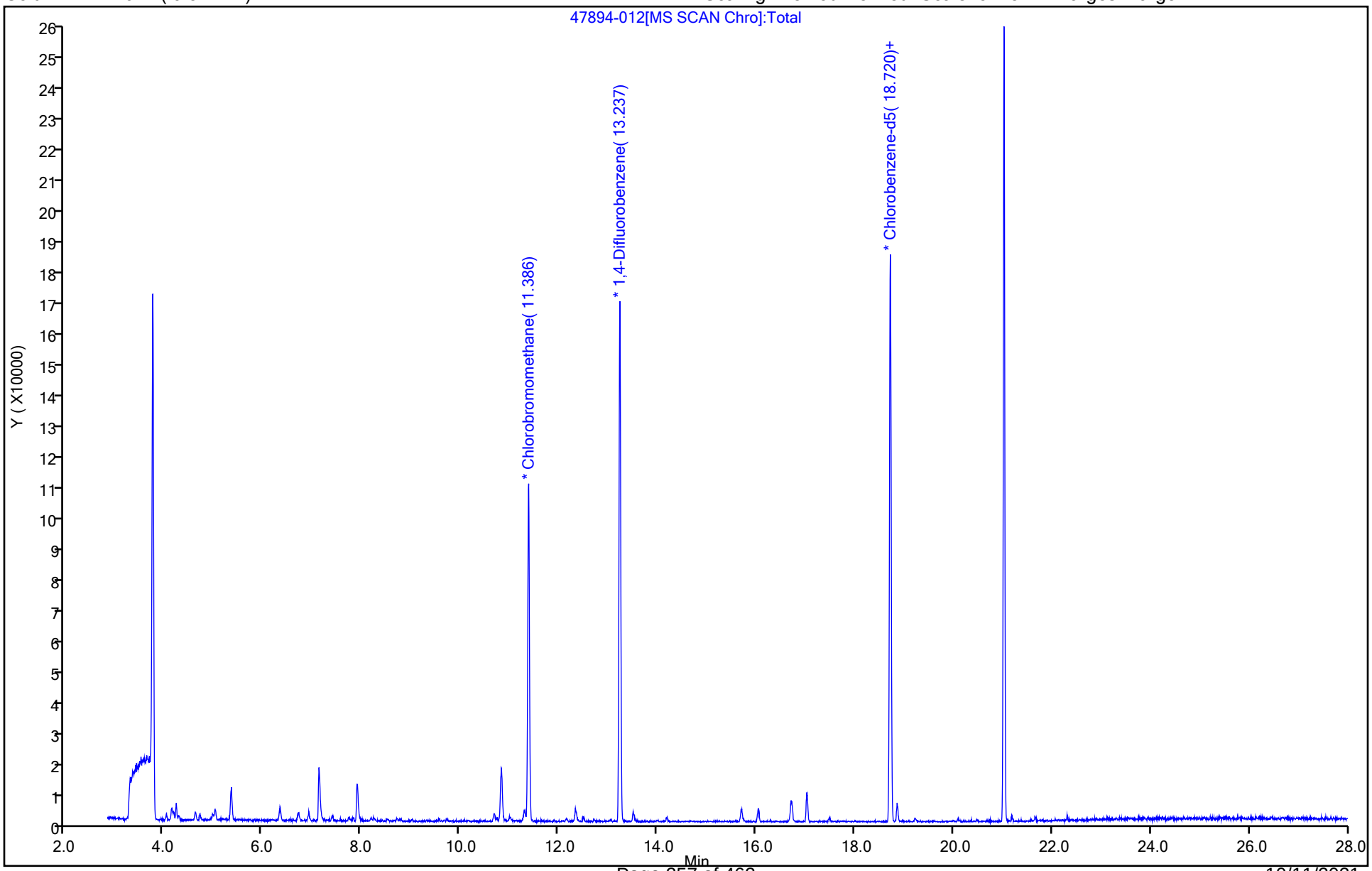
Report Date: 11-Oct-2021 09:29:48 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d

Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3	Worklist Smp#:	12
Client ID:	AA_20210929				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

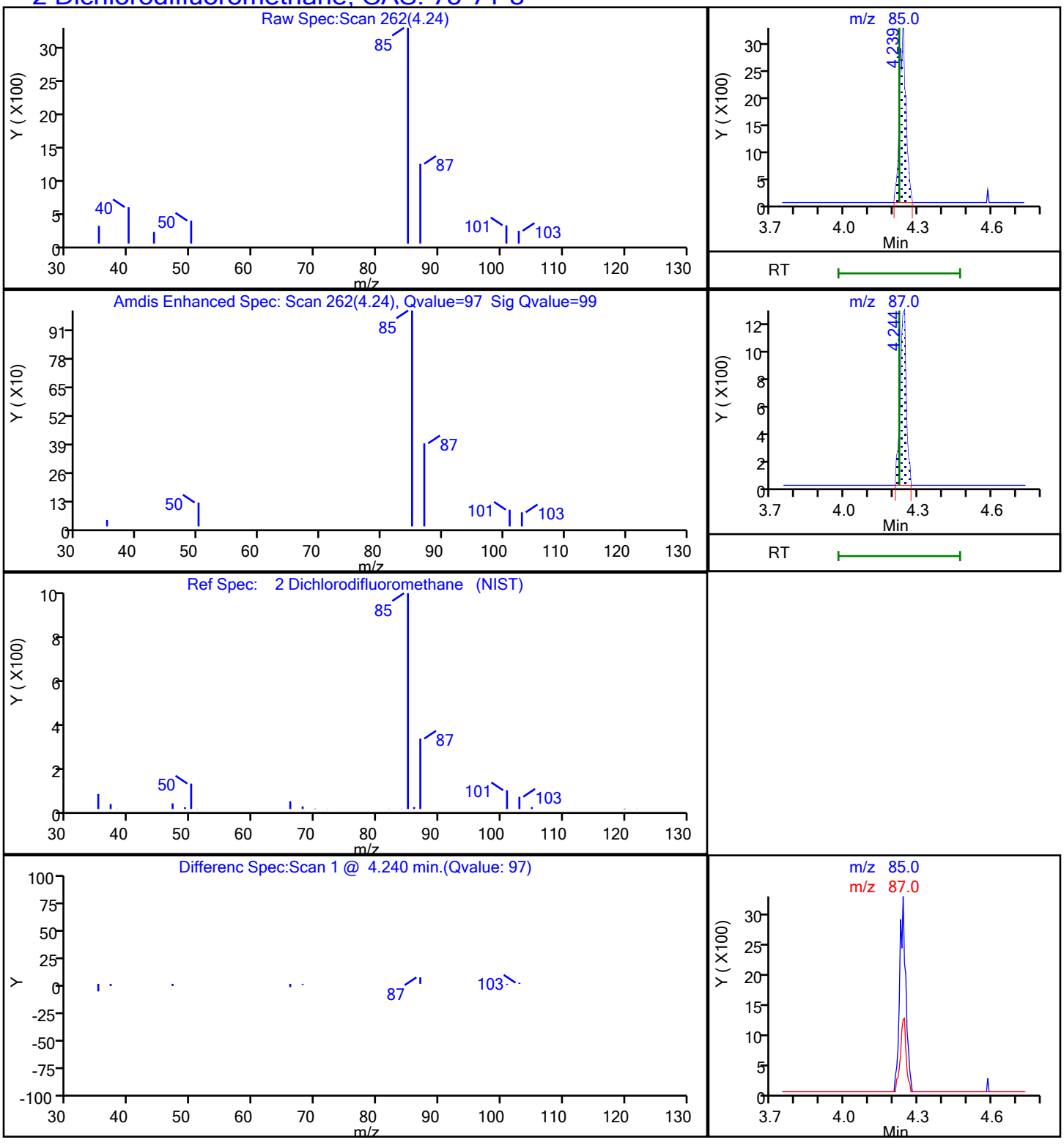
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

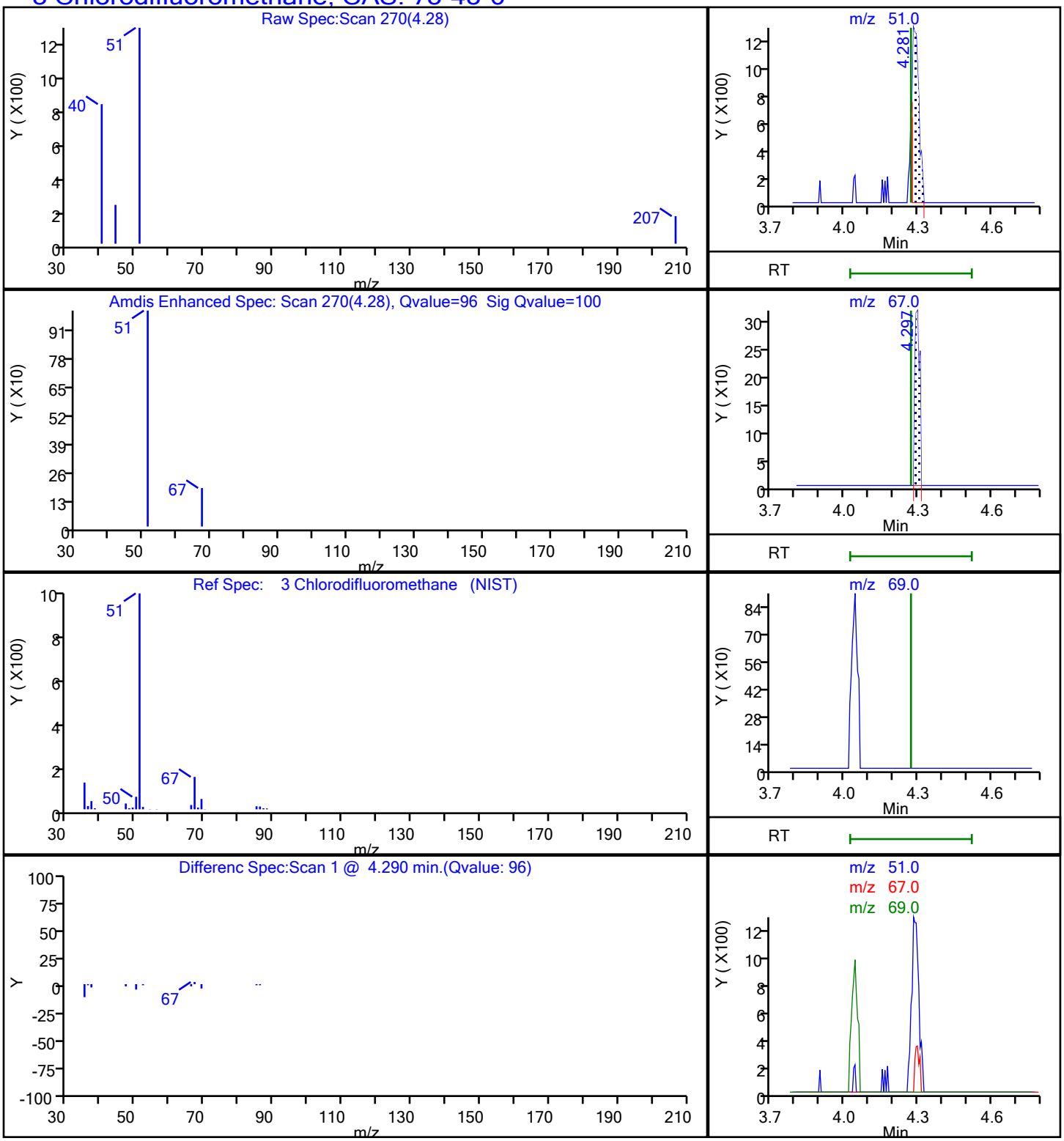
2 Dichlorodifluoromethane, CAS: 75-71-8



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

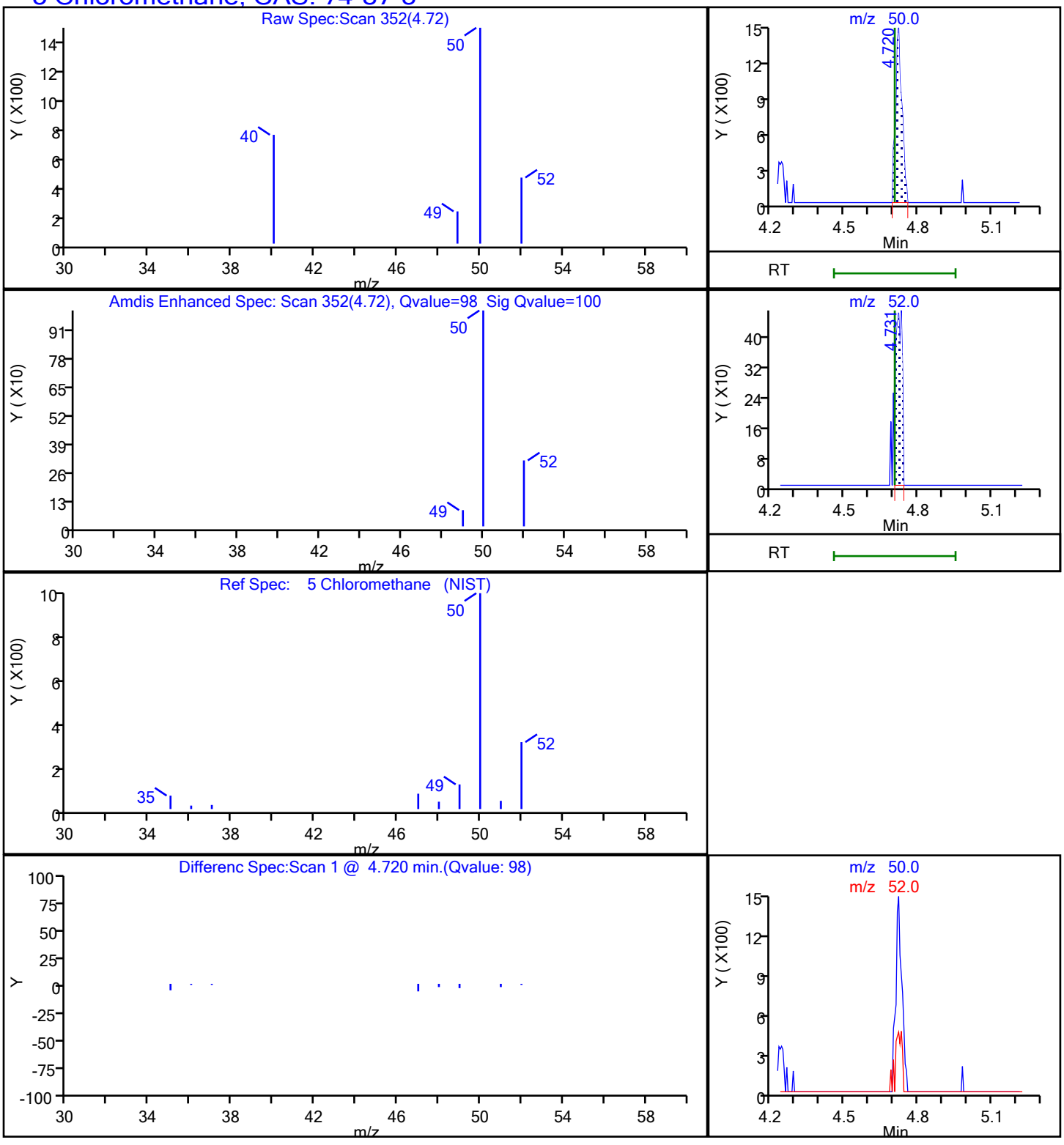


Report Date: 11-Oct-2021 09:29:48 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

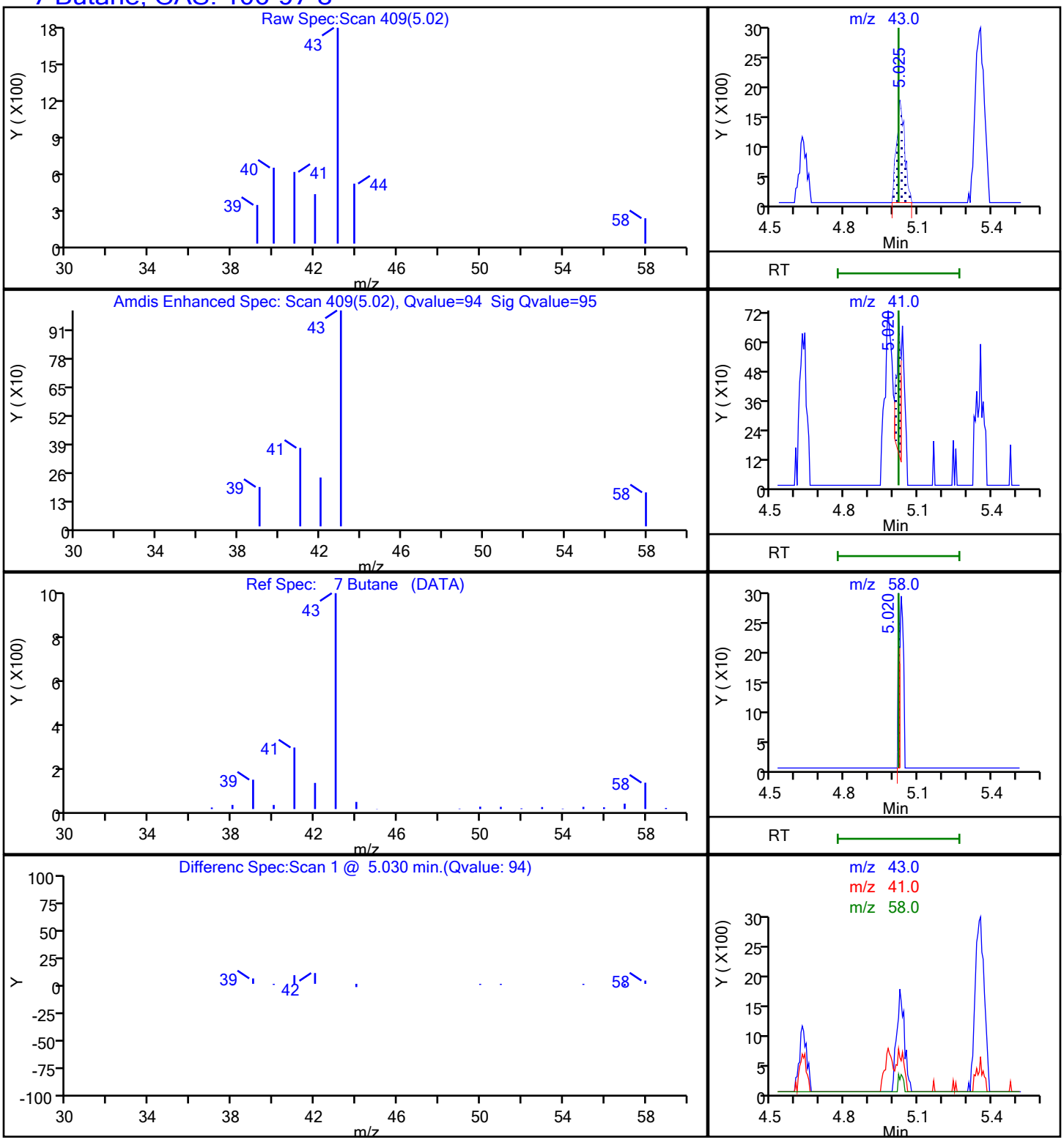
5 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

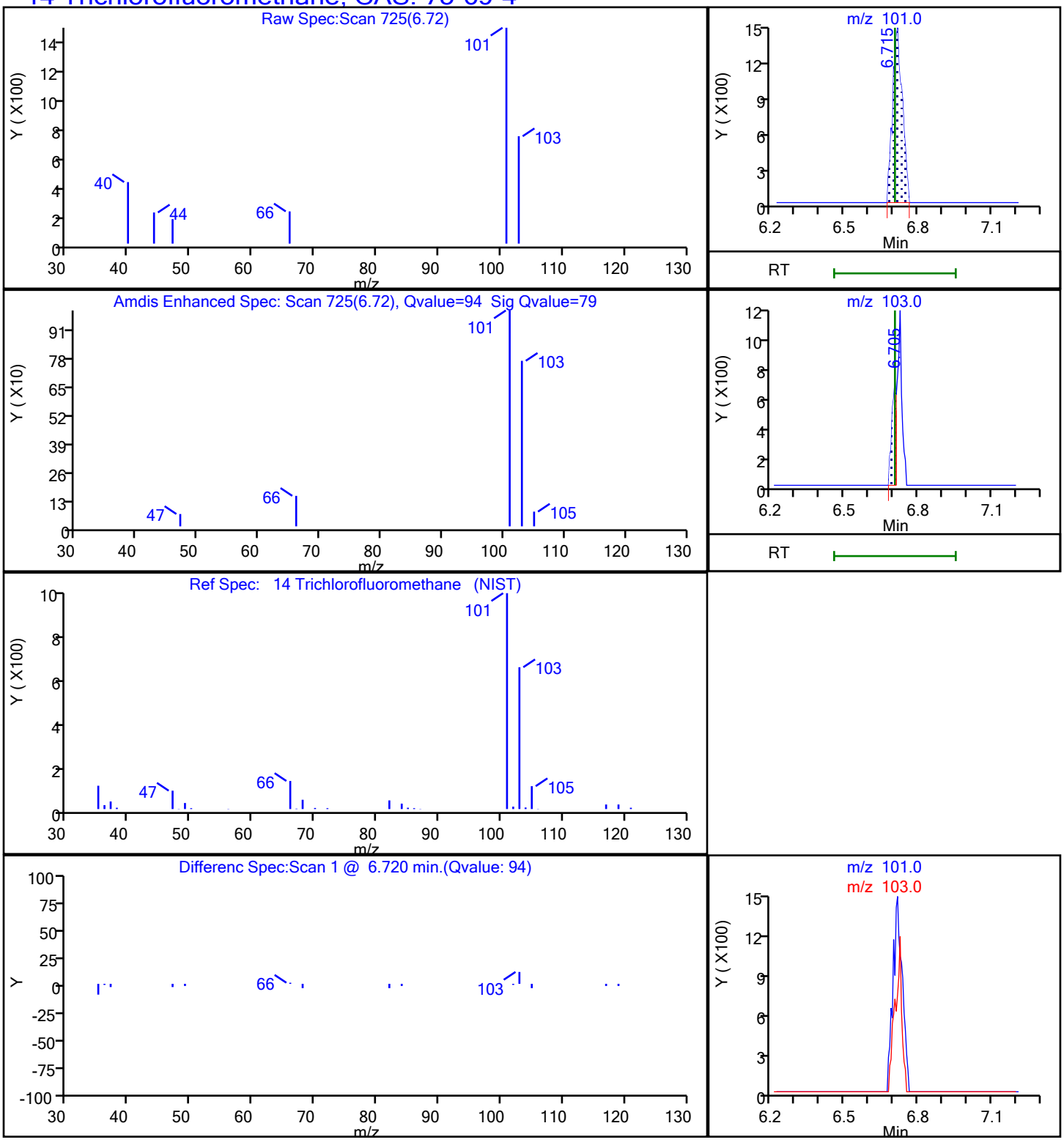
7 Butane, CAS: 106-97-8



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

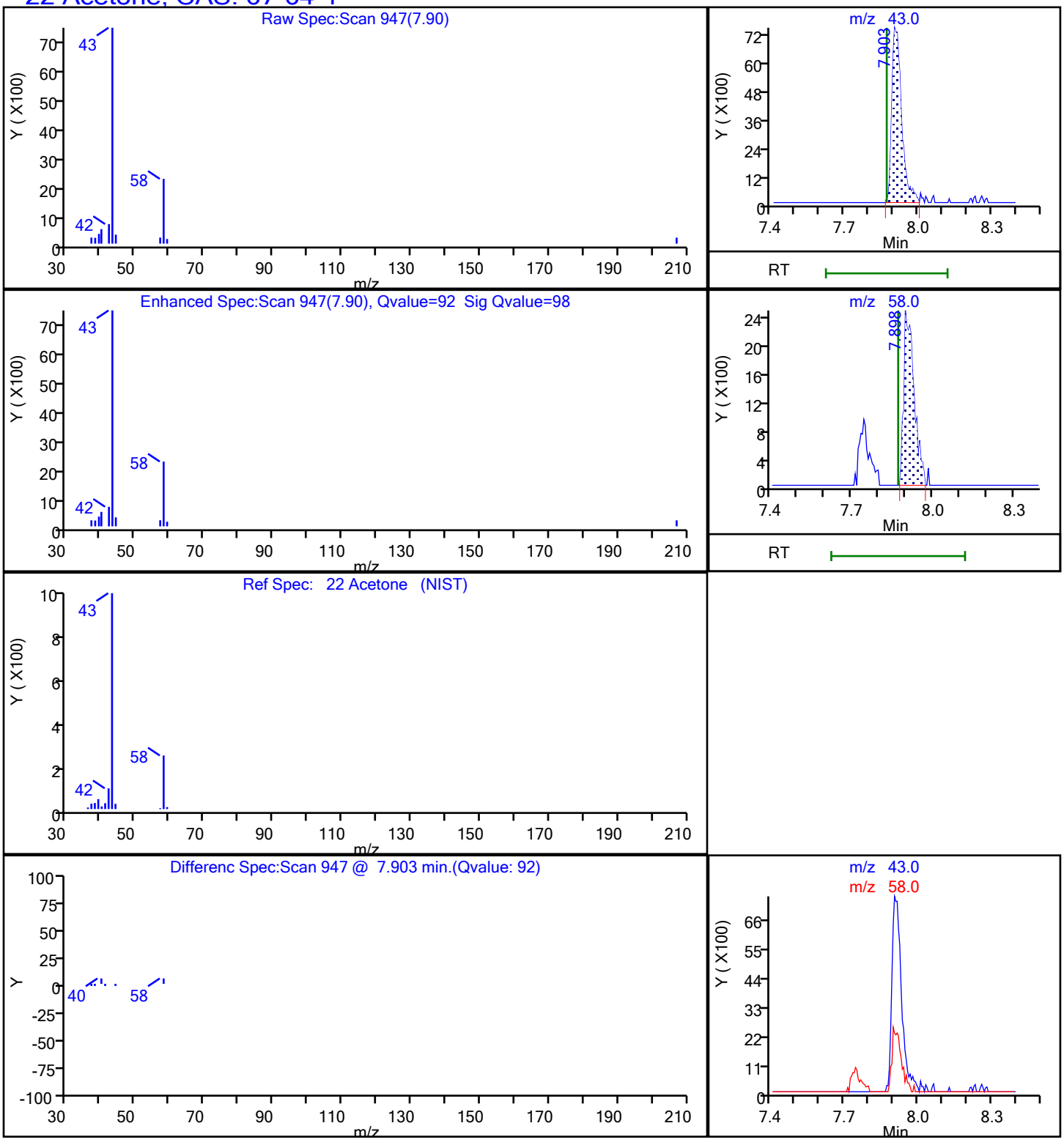
14 Trichlorofluoromethane, CAS: 75-69-4



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

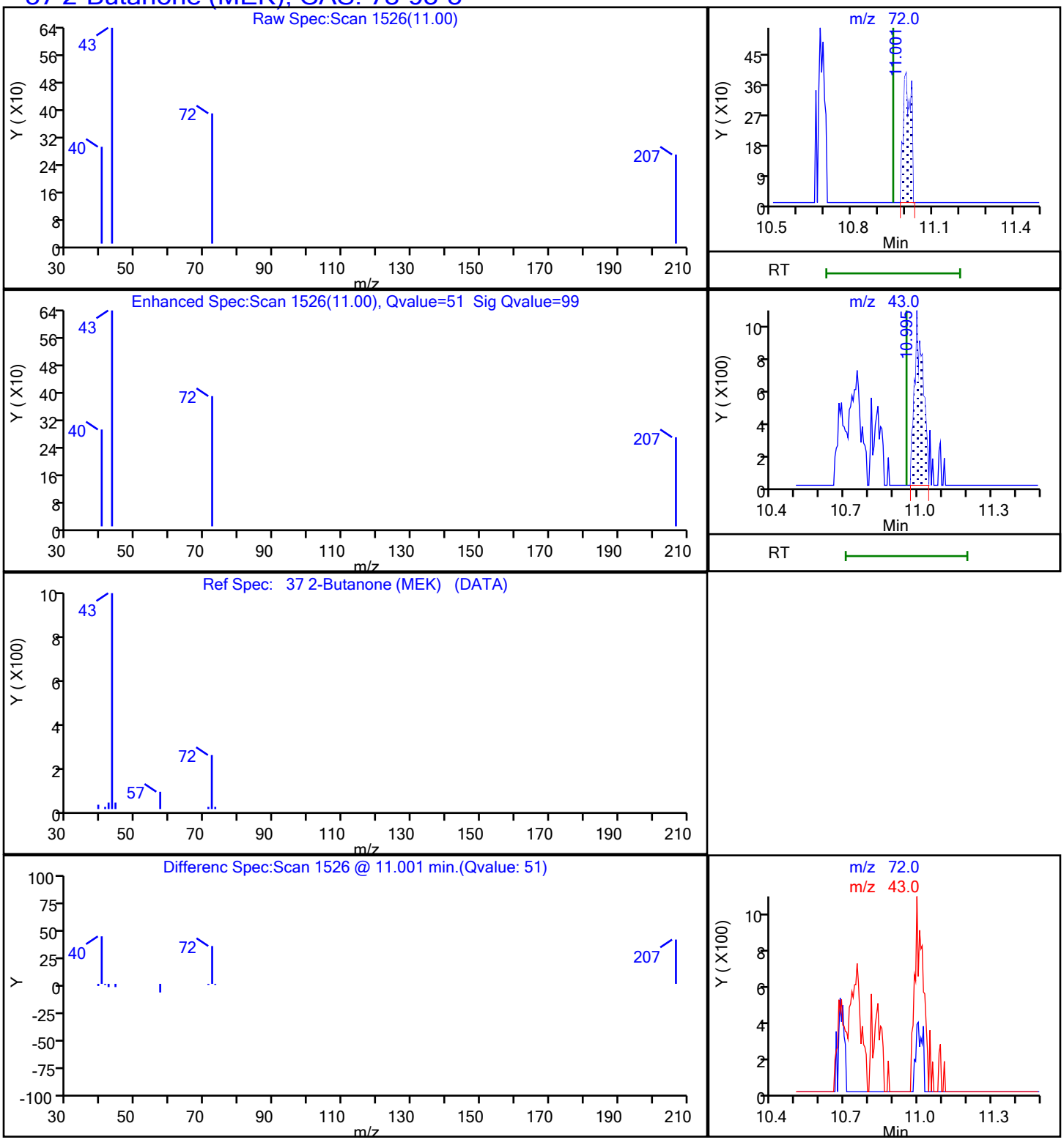
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

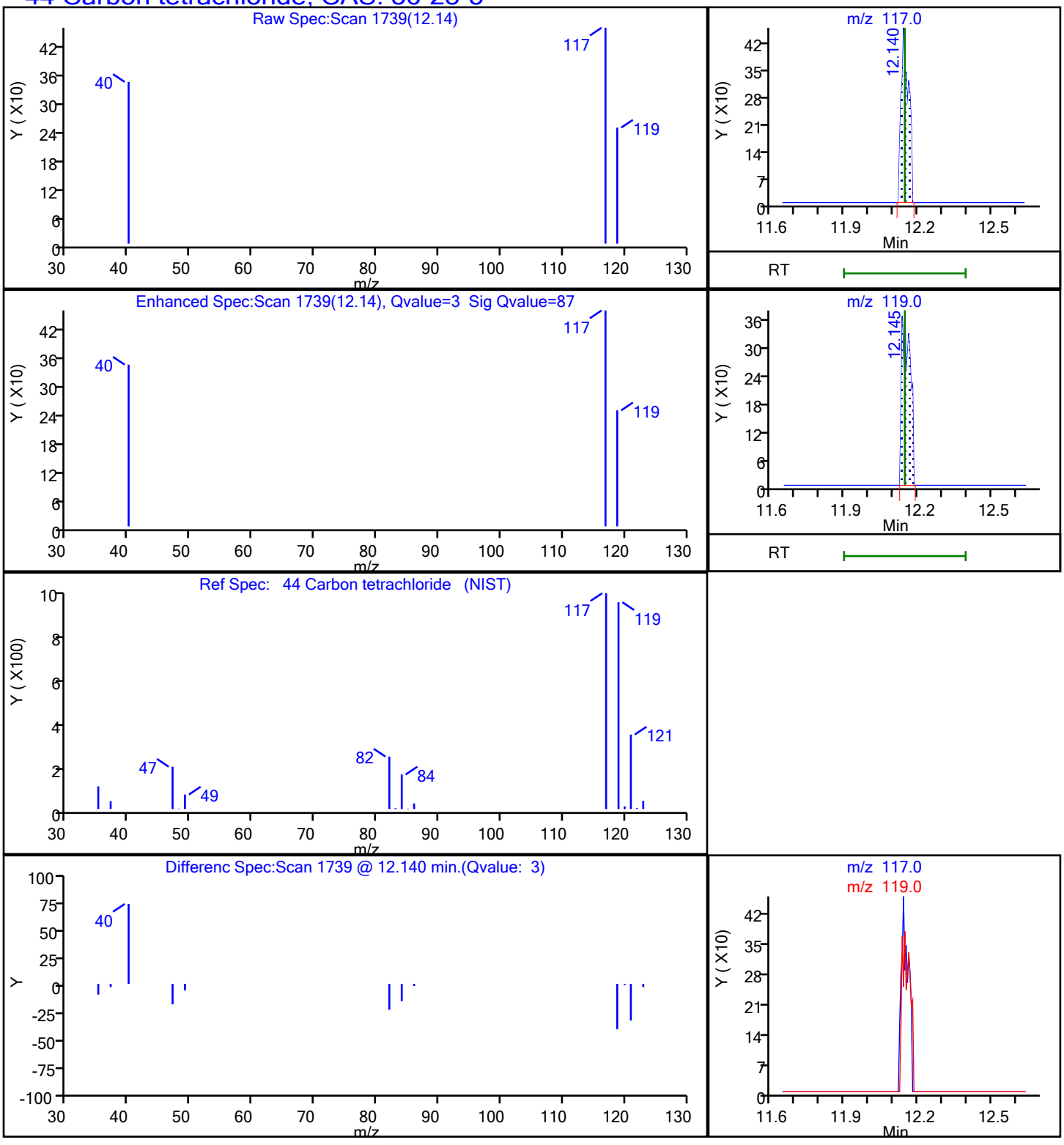
37 2-Butanone (MEK), CAS: 78-93-3



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Carbon tetrachloride, CAS: 56-23-5

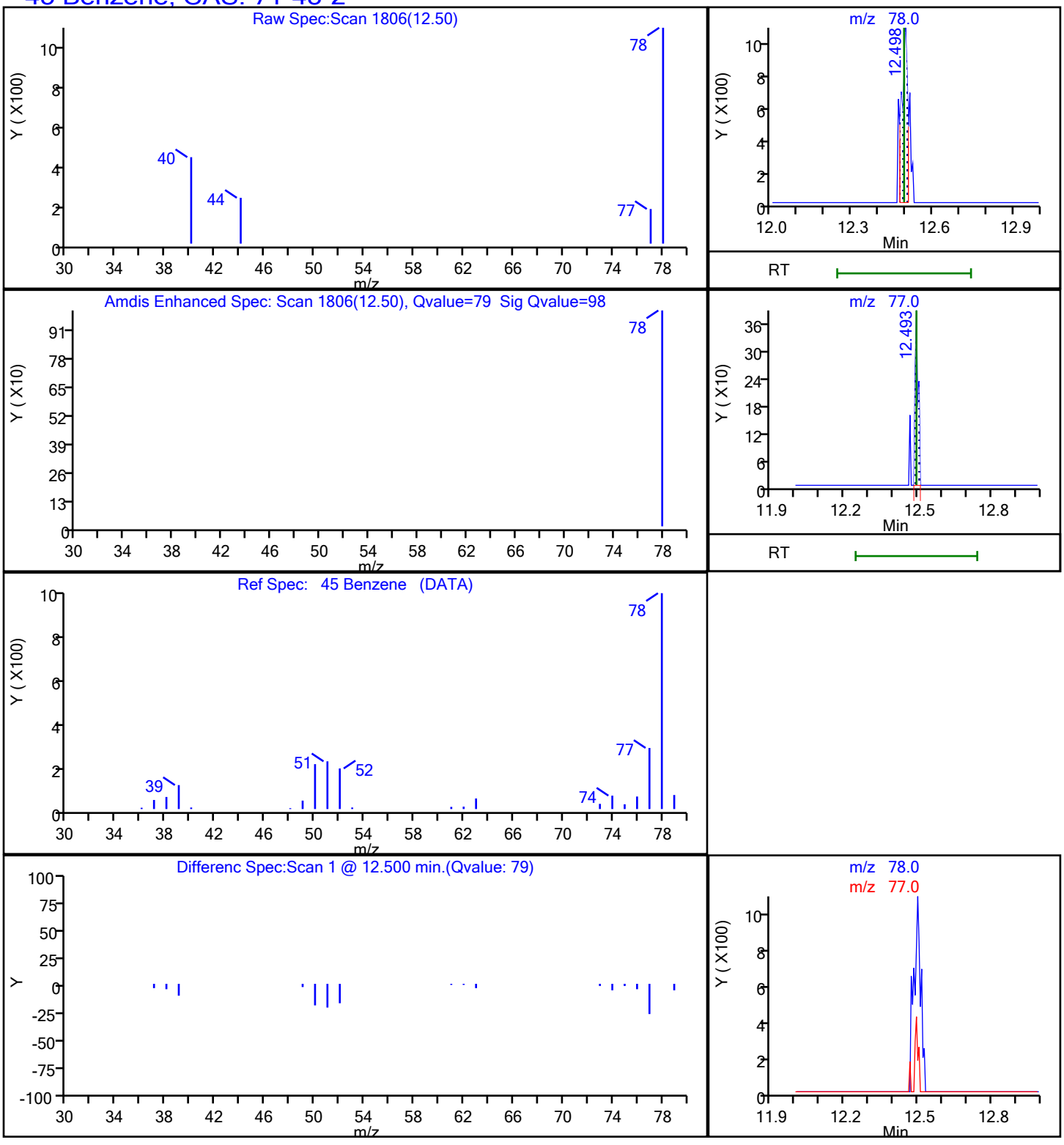


Report Date: 11-Oct-2021 09:29:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2



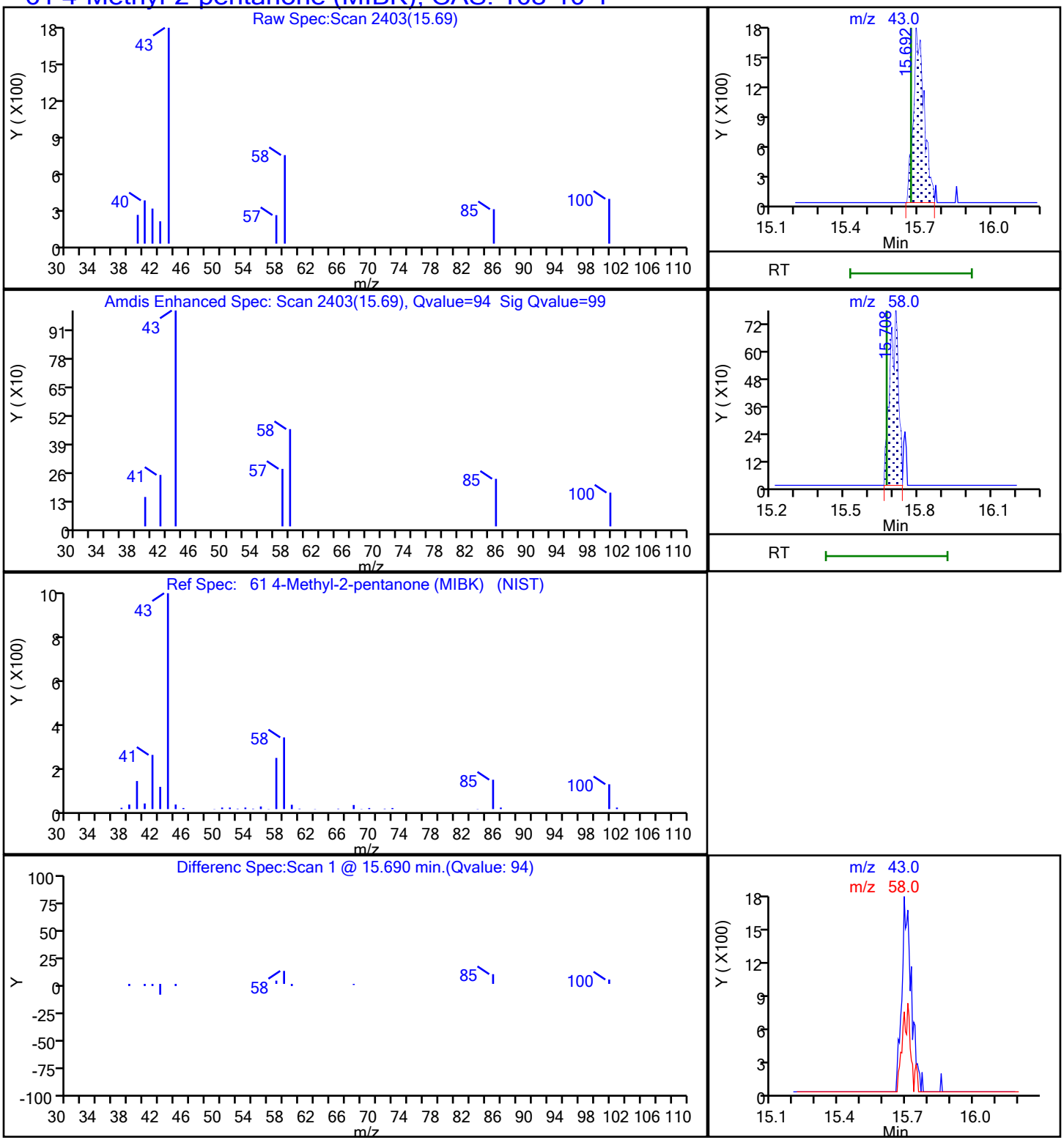
Report Date: 11-Oct-2021 09:29:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d

Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

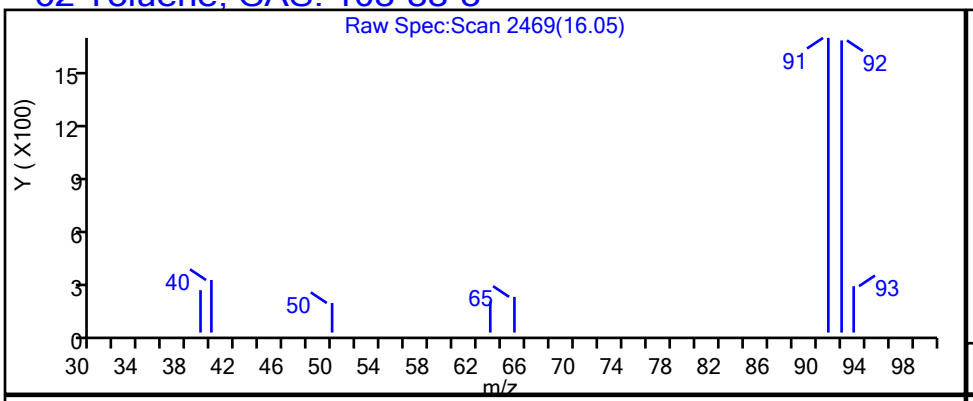


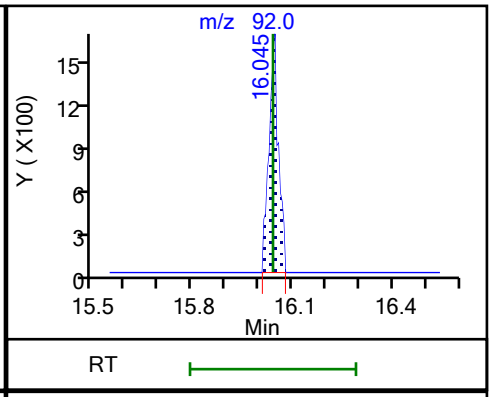
Report Date: 11-Oct-2021 09:29:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

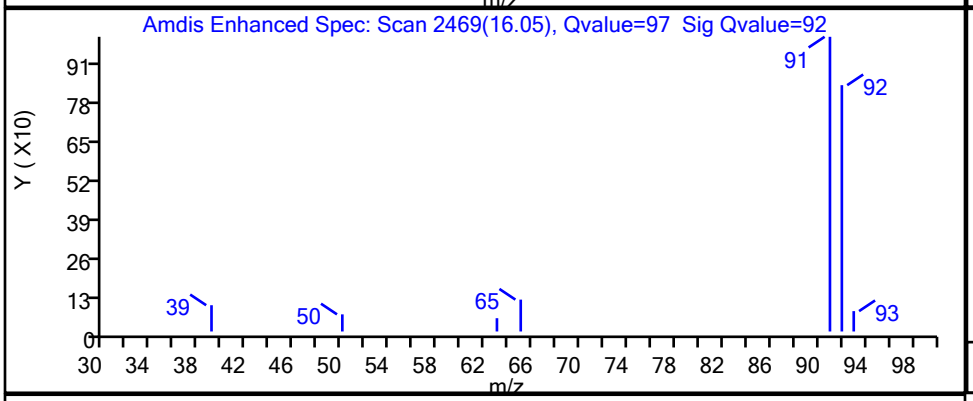
Eurofins TestAmerica, Burlington

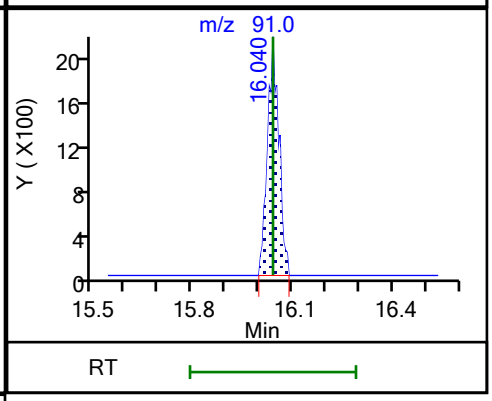
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

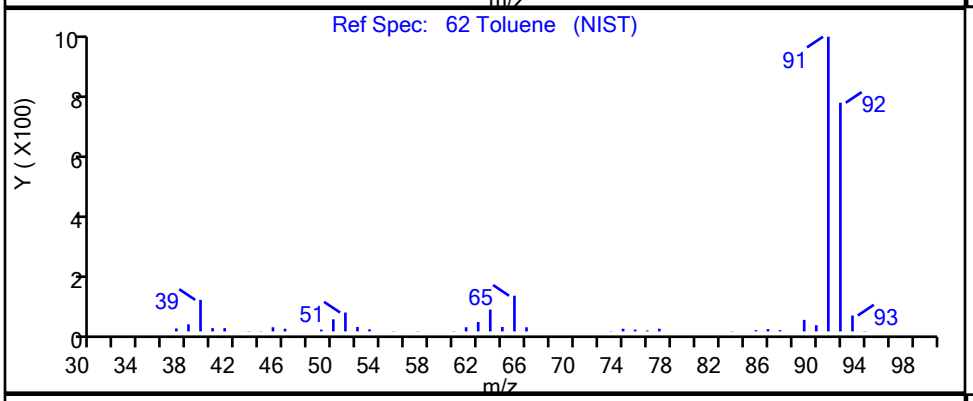
62 Toluene, CAS: 108-88-3

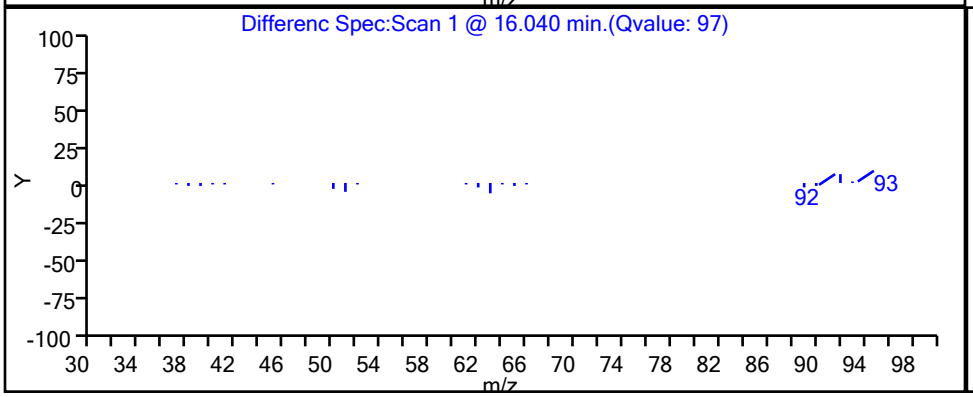


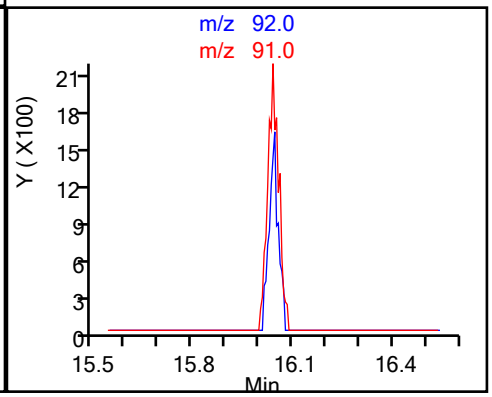








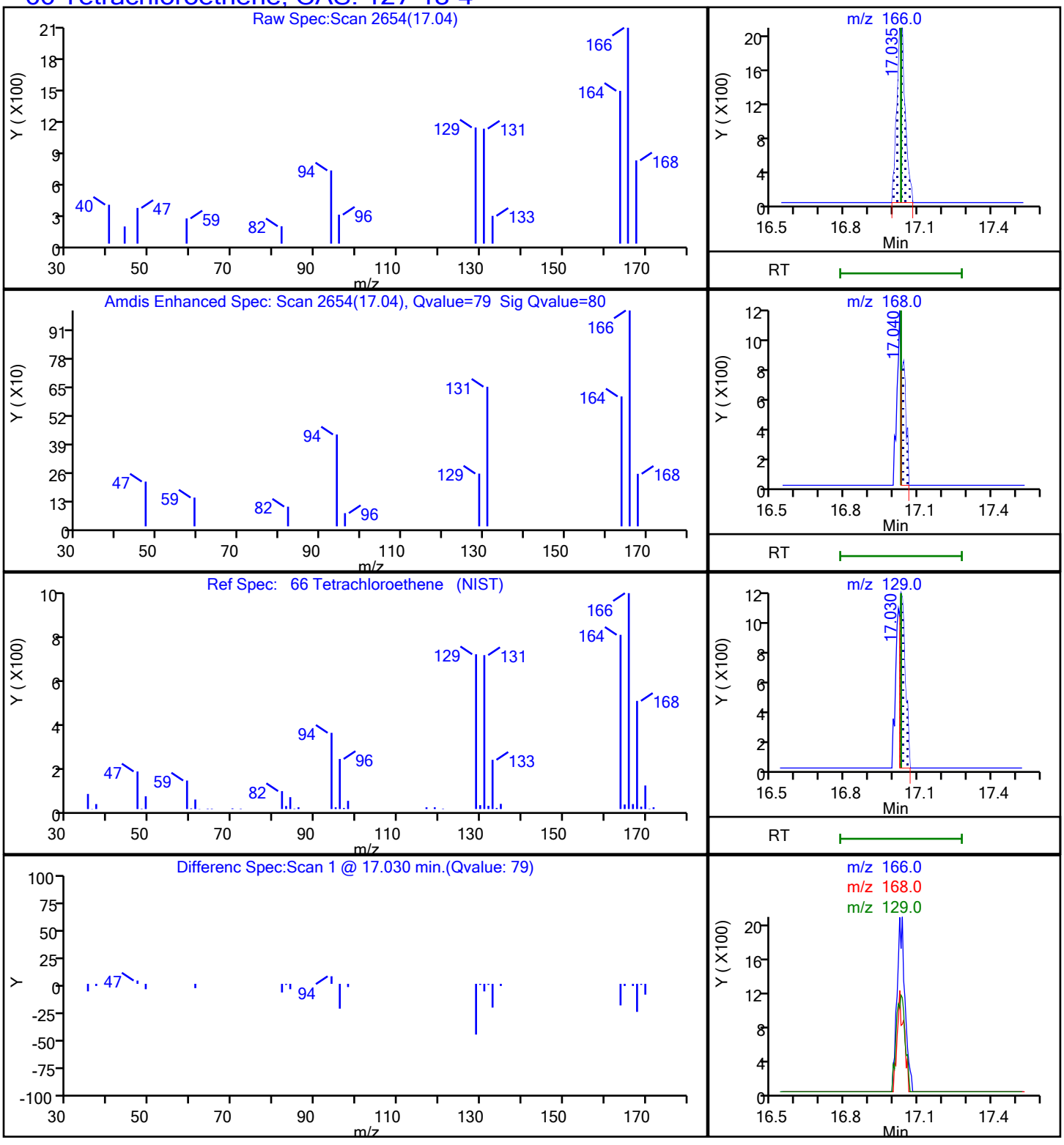




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Burlington

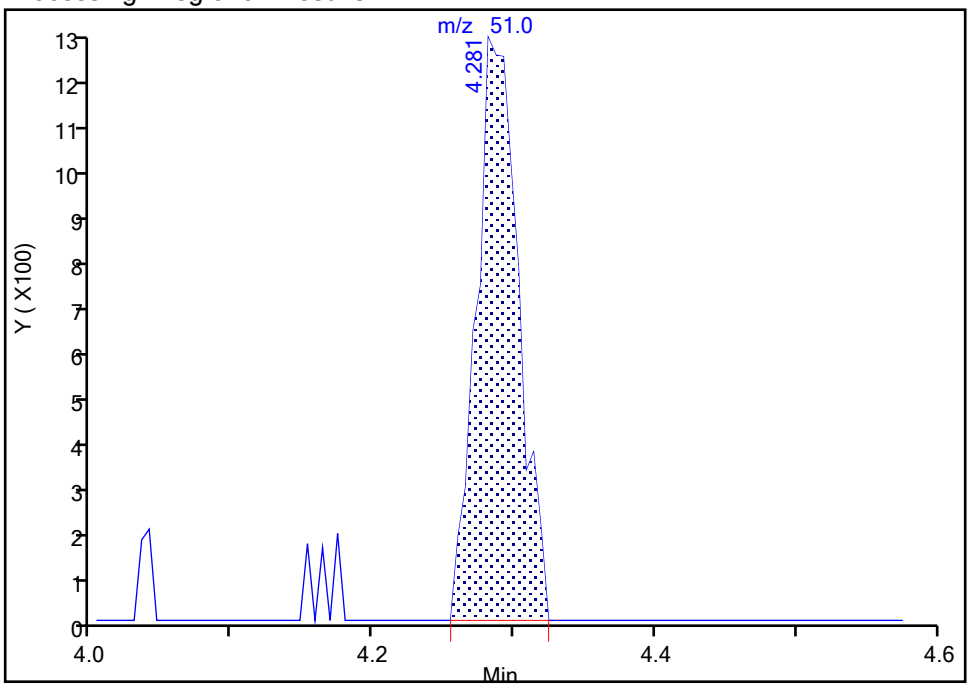
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

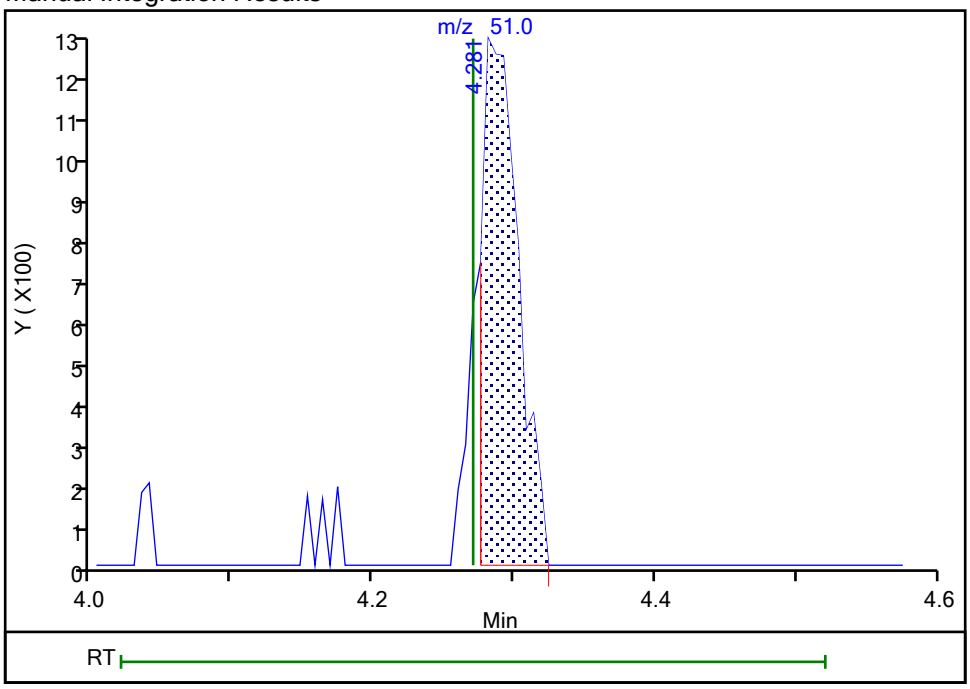
Processing Integration Results

RT: 4.28
Area: 2494
Amount: 0.195567
Amount Units: ppb v/v



Manual Integration Results

RT: 4.28
Area: 2157
Amount: 0.169141
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:23:31
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

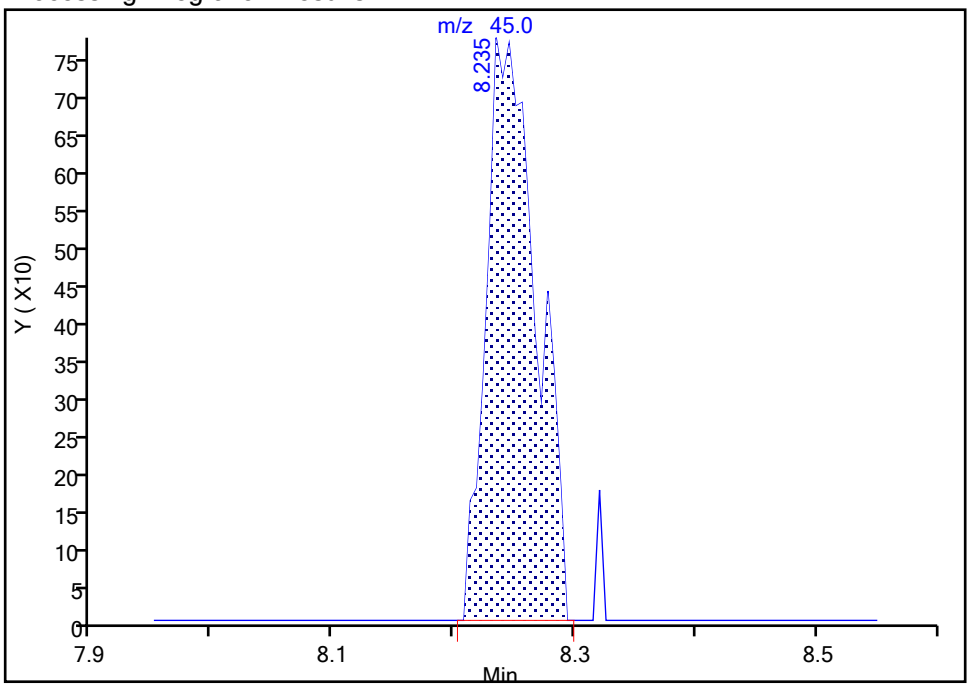
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

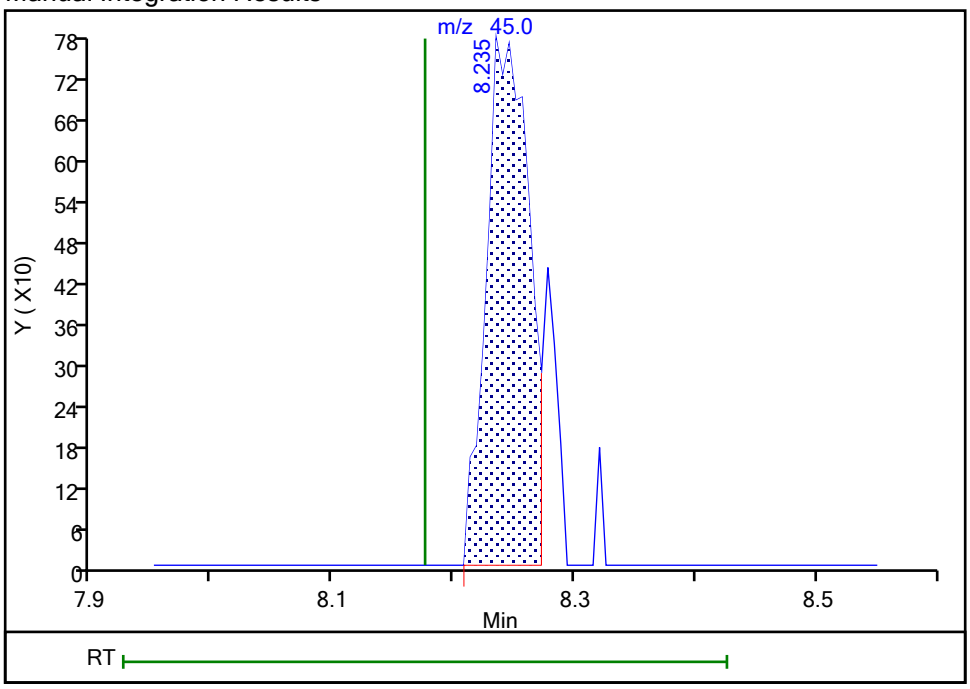
Processing Integration Results

RT: 8.23
Area: 2228
Amount: 0.256601
Amount Units: ppb v/v



Manual Integration Results

RT: 8.23
Area: 1926
Amount: 0.221819
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:24:51

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

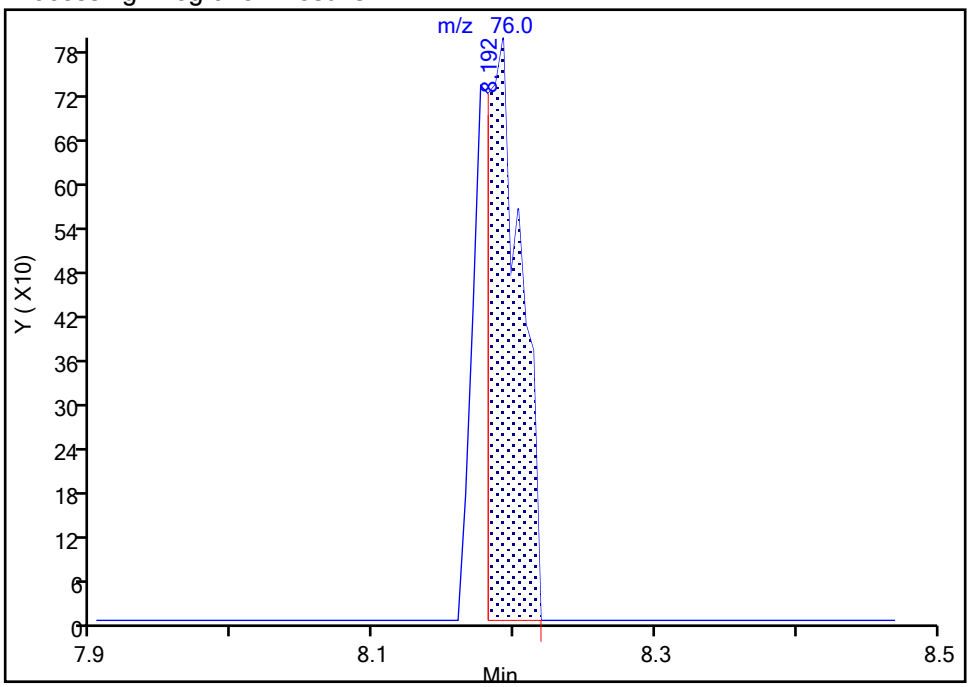
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

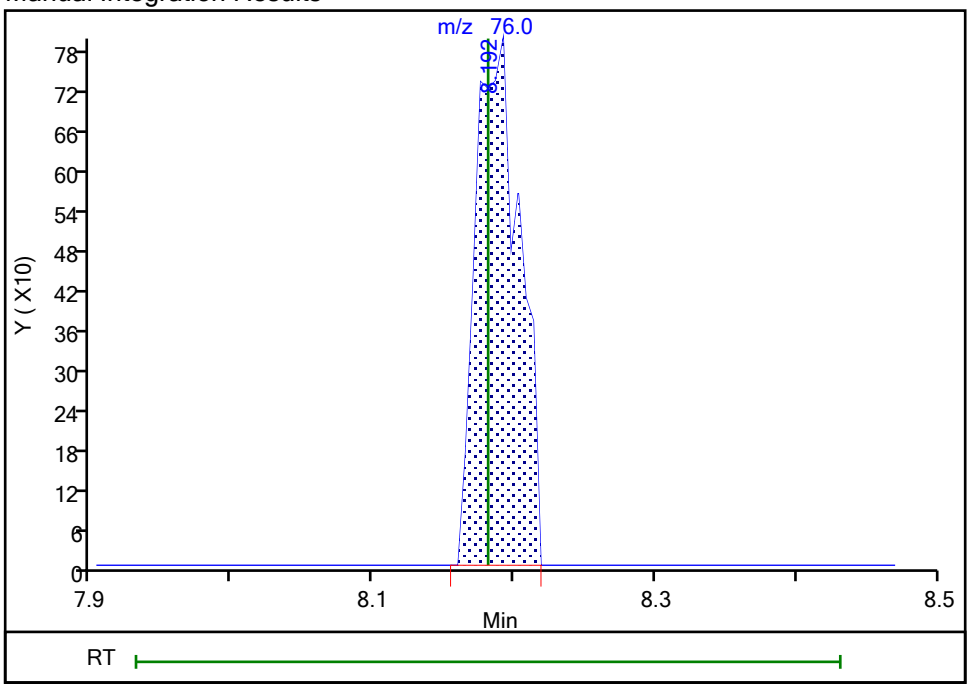
Processing Integration Results

RT: 8.19
Area: 1293
Amount: 0.076536
Amount Units: ppb v/v



Manual Integration Results

RT: 8.19
Area: 1716
Amount: 0.101574
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:25:15
Audit Action: Manually Integrated Audit Reason: Assign Peak

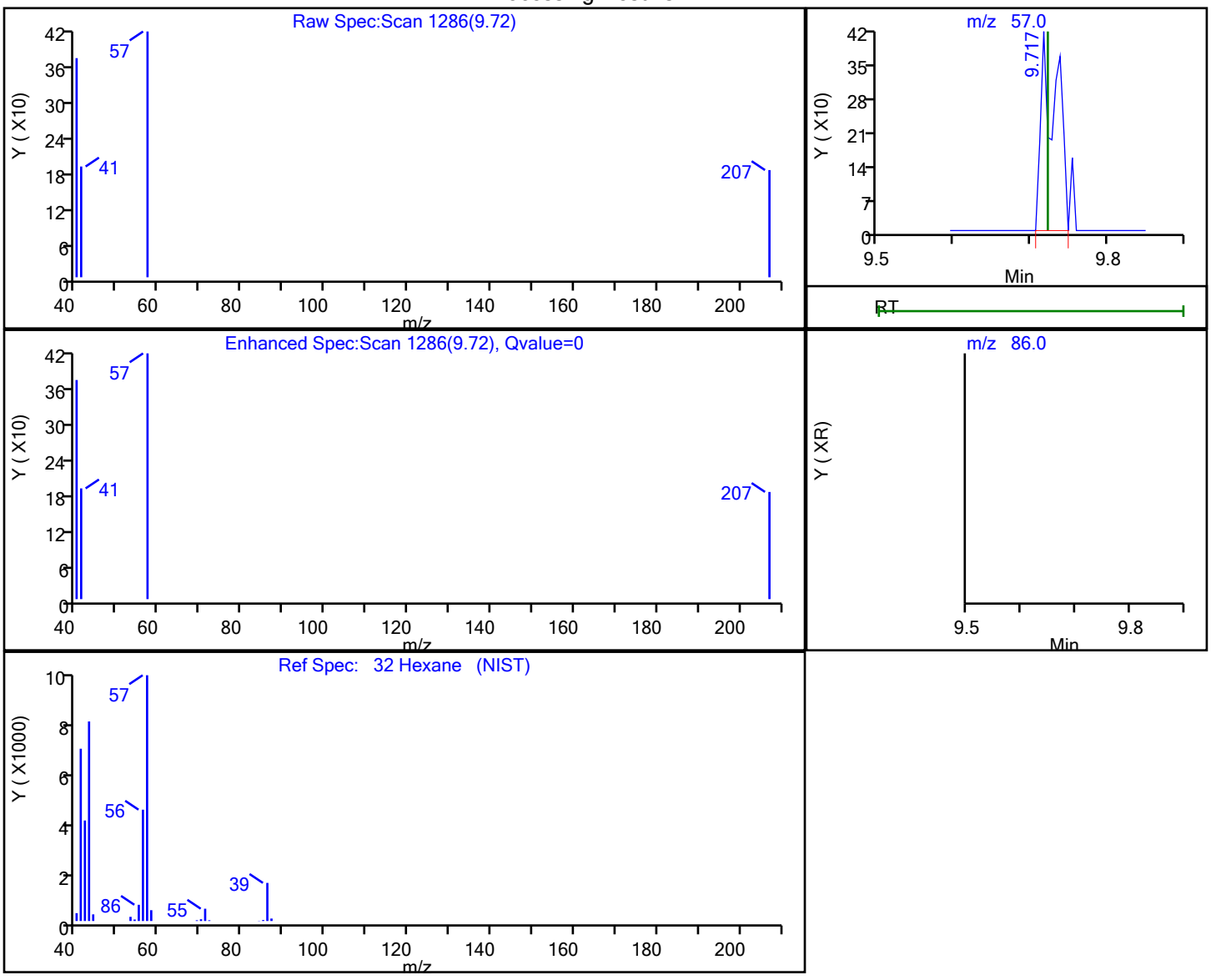
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.72	57.00	595	0.078124
9.72	86.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:25:45

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

Eurofins TestAmerica, Burlington

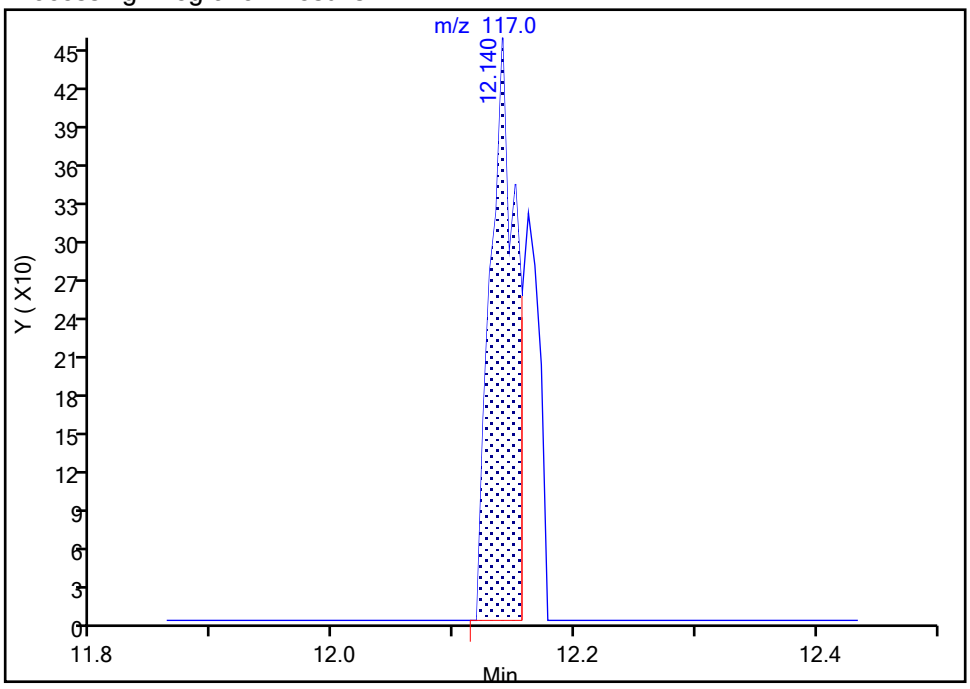
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

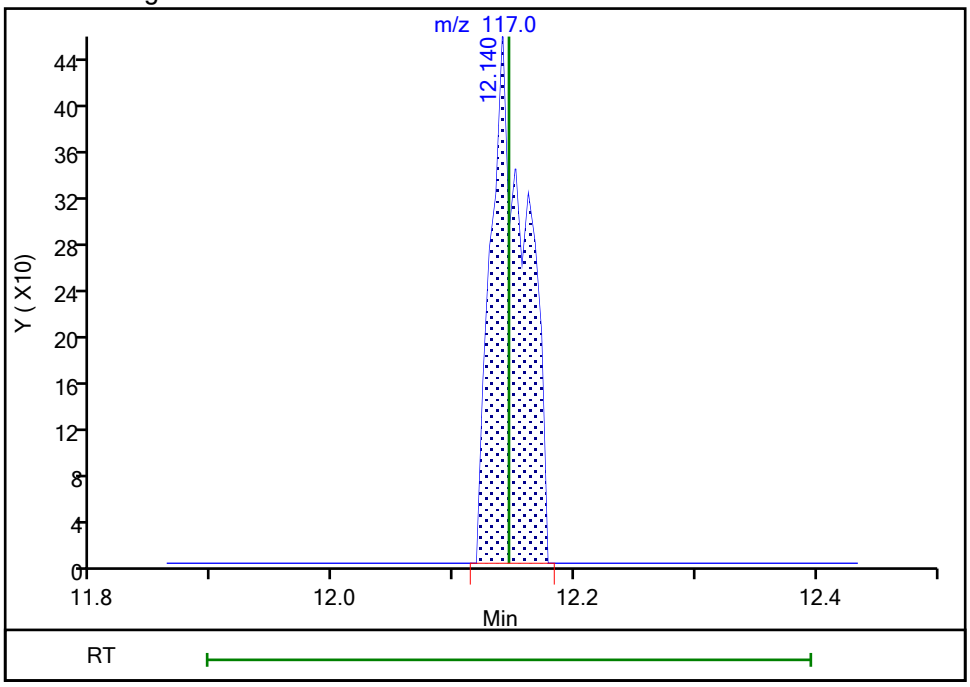
Processing Integration Results

RT: 12.14
Area: 672
Amount: 0.032168
Amount Units: ppb v/v



Manual Integration Results

RT: 12.14
Area: 929
Amount: 0.044471
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:26:03
Audit Action: Manually Integrated Audit Reason: Assign Peak

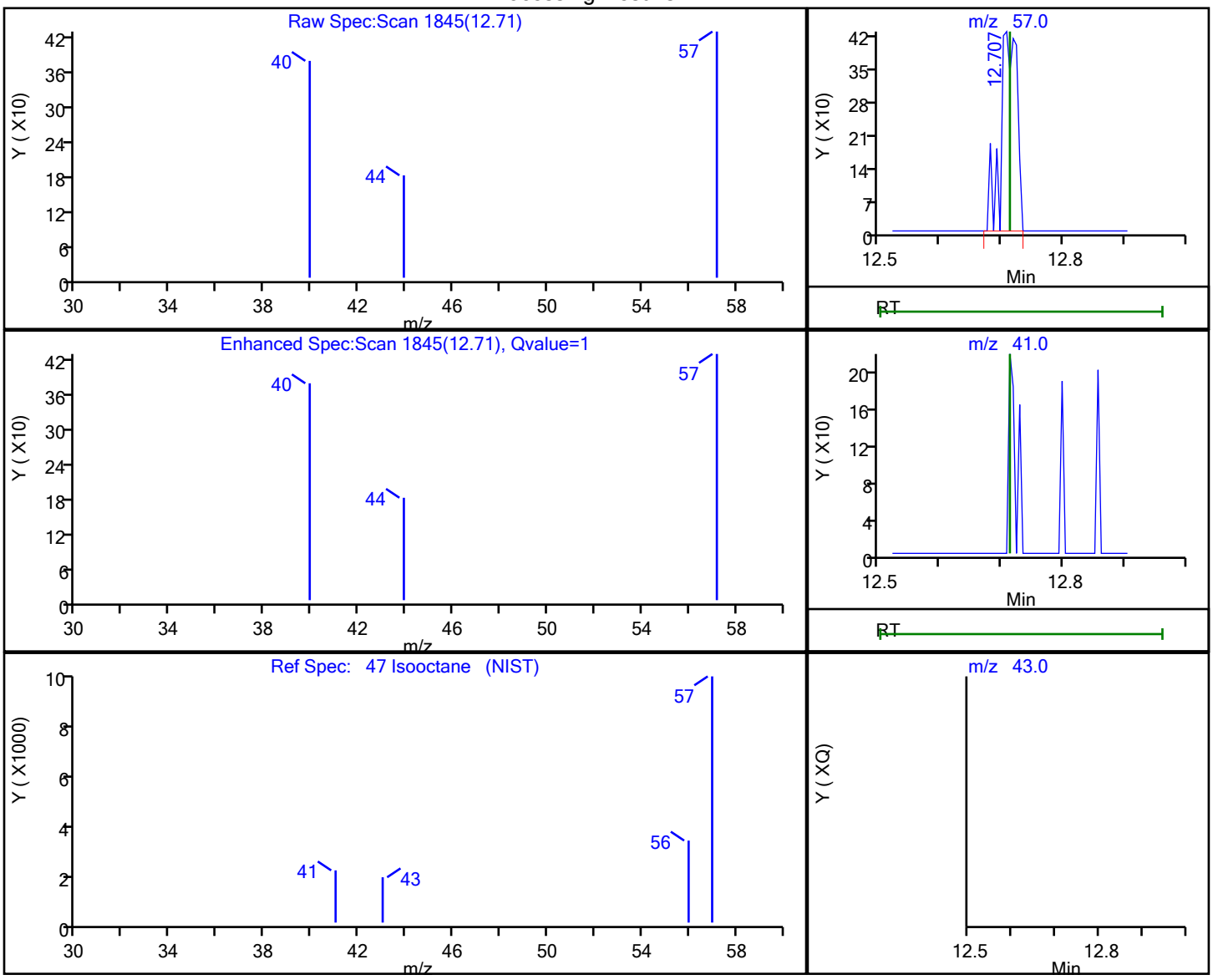
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
12.71	57.00	808	0.034260
12.71	41.00	0	
12.71	43.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:27:01

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

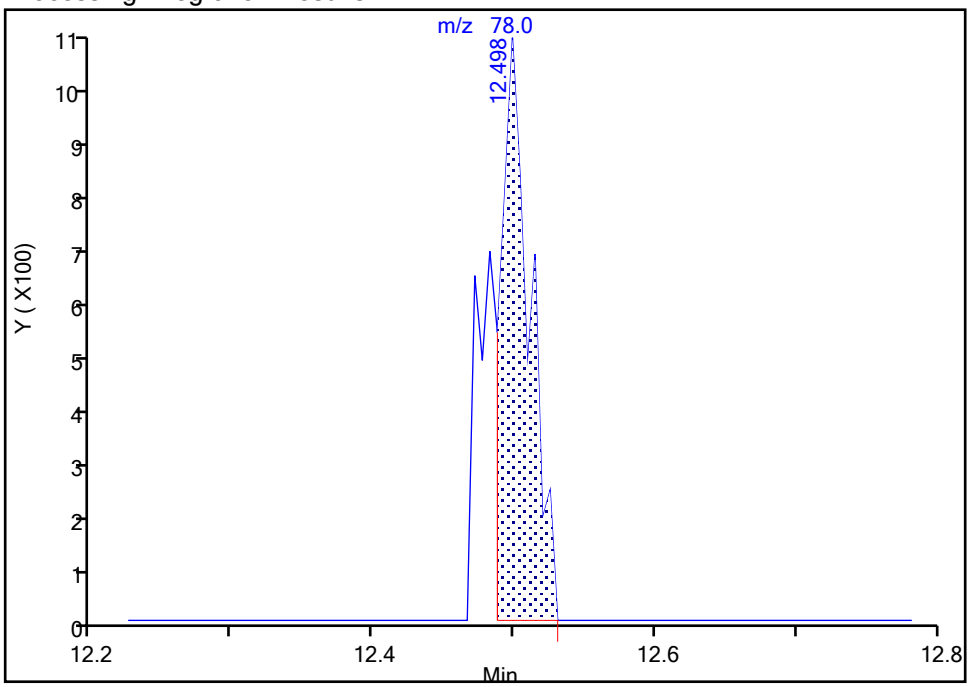
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

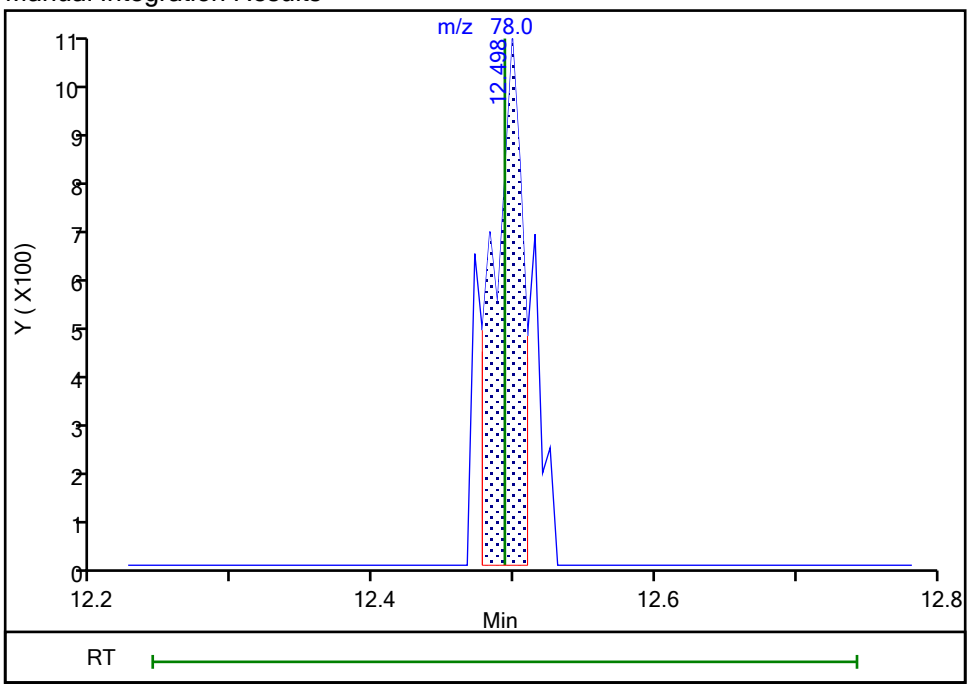
Processing Integration Results

RT: 12.50
Area: 1437
Amount: 0.086273
Amount Units: ppb v/v



Manual Integration Results

RT: 12.50
Area: 1454
Amount: 0.087293
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:26:27

Audit Action: Manually Integrated Audit Reason: Assign Peak

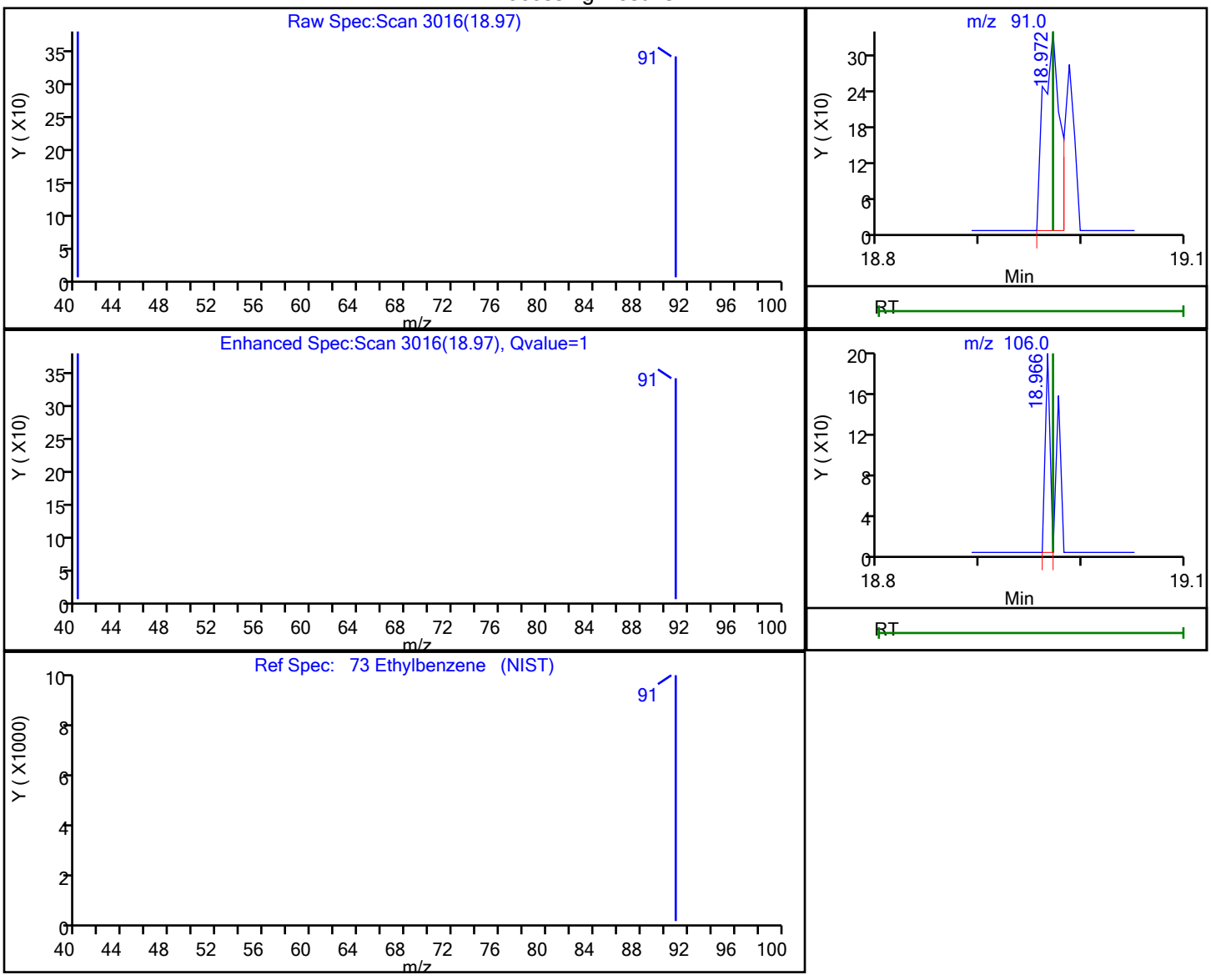
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
18.97	91.00	375	0.013600
18.97	106.00	62	

Reviewer: bunmaa, 11-Oct-2021 09:27:40

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

Eurofins TestAmerica, Burlington

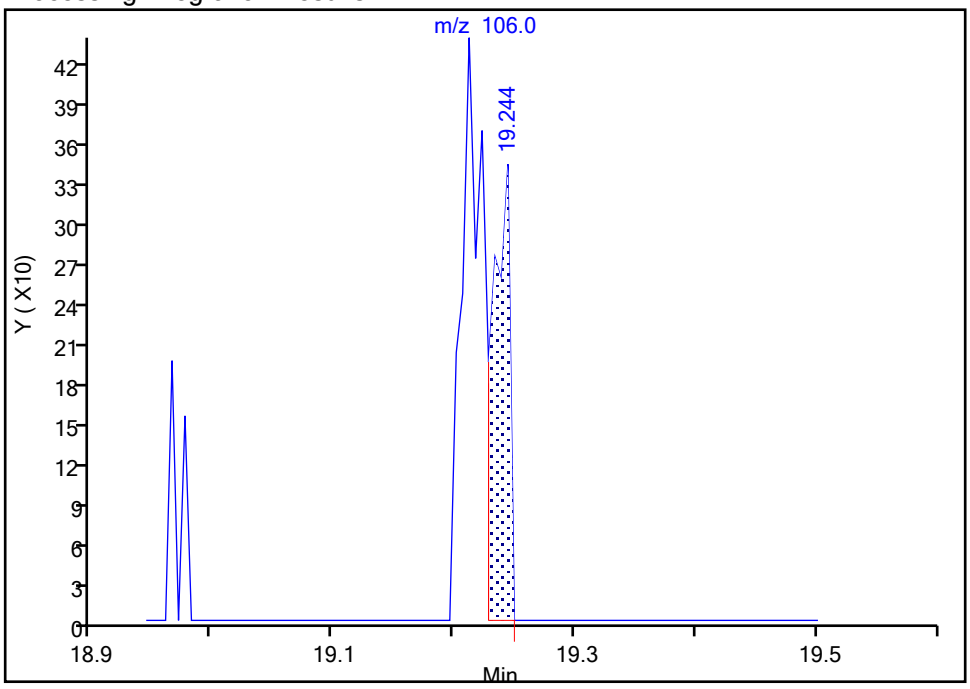
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

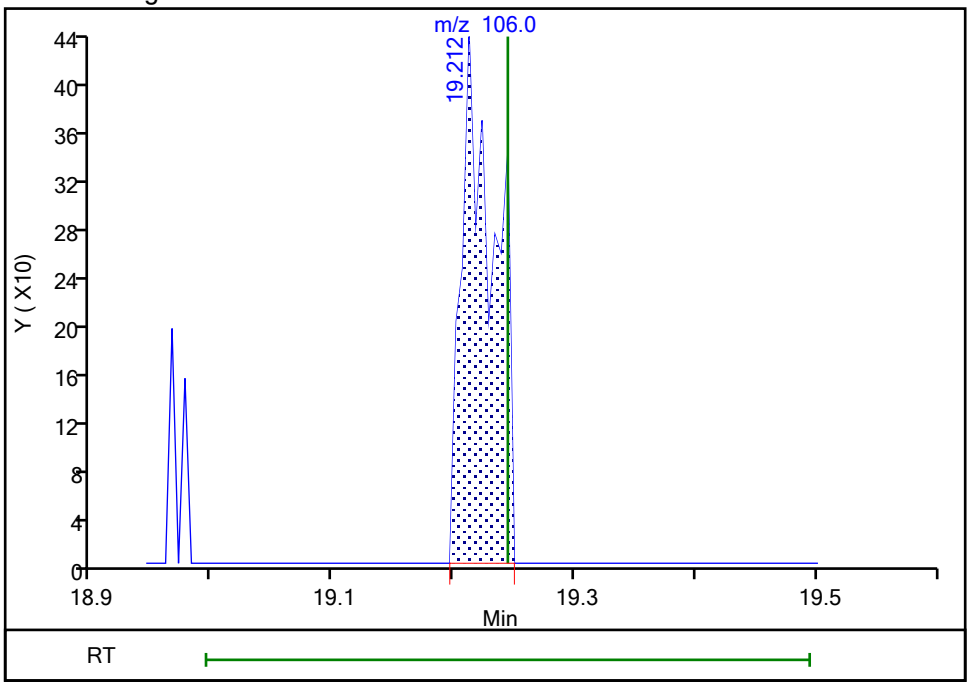
Processing Integration Results

RT: 19.24
Area: 338
Amount: 0.030165
Amount Units: ppb v/v



Manual Integration Results

RT: 19.21
Area: 822
Amount: 0.073360
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:27:50
Audit Action: Manually Integrated Audit Reason: Assign Peak

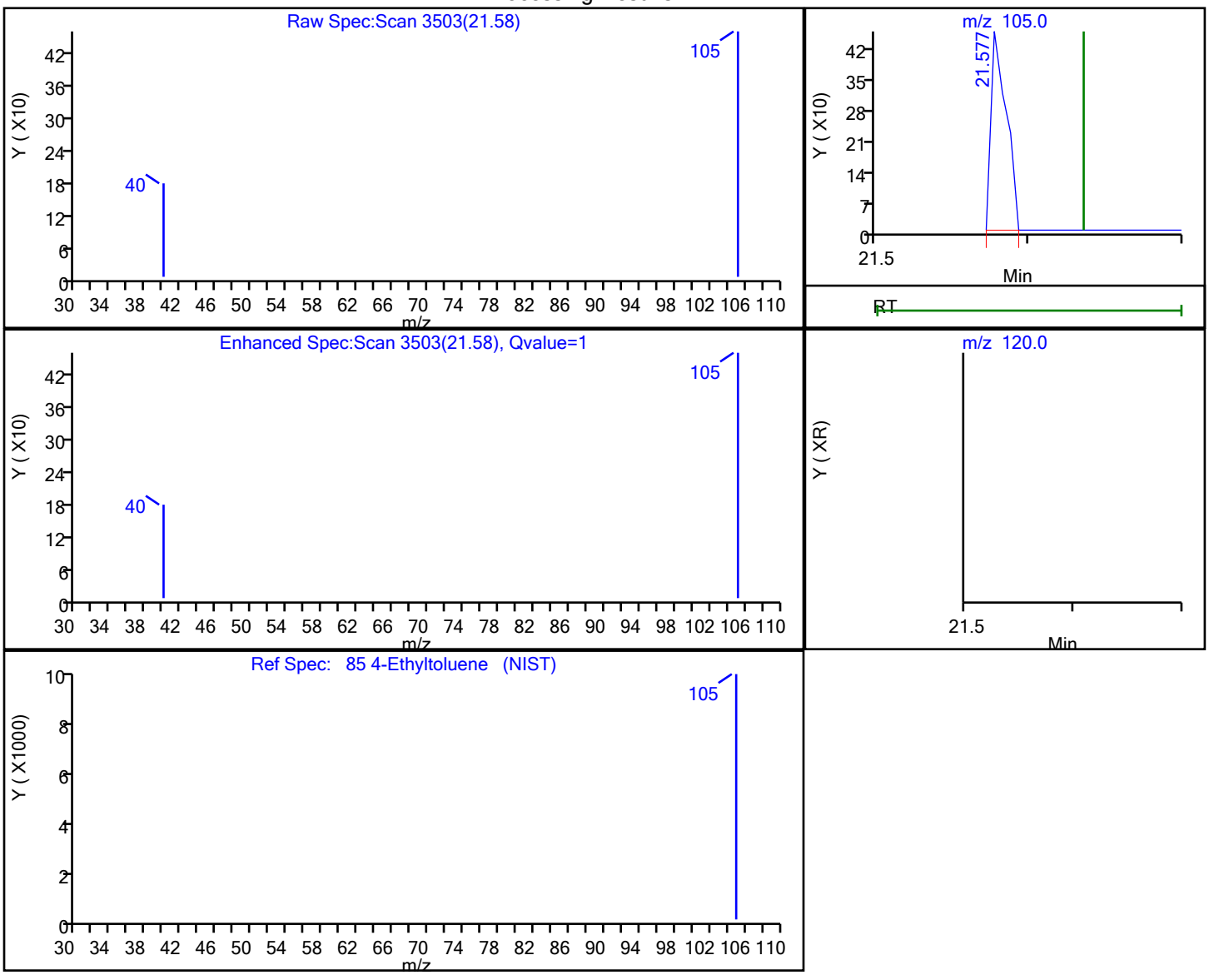
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
21.58	105.00	320	0.010535
21.64	120.00	0	

Reviewer: bunmaa, 11-Oct-2021 09:28:15

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

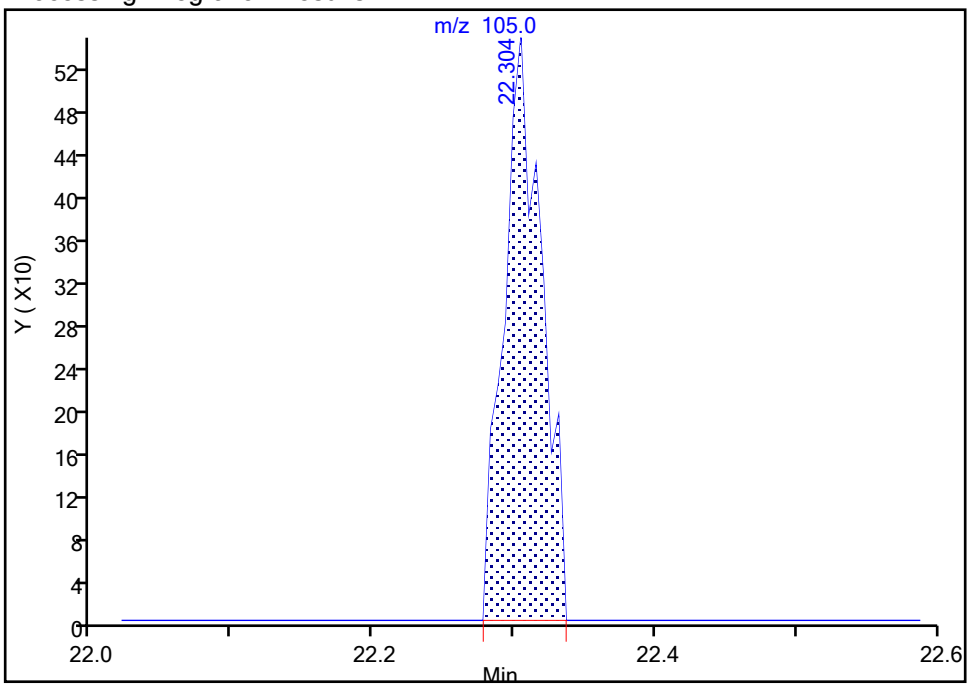
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d				
Injection Date:	08-Oct-2021 18:45:30	Instrument ID:	CHW.i		
Lims ID:	200-60355-A-3	Lab Sample ID:	200-60355-3		
Client ID:	AA_20210929				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

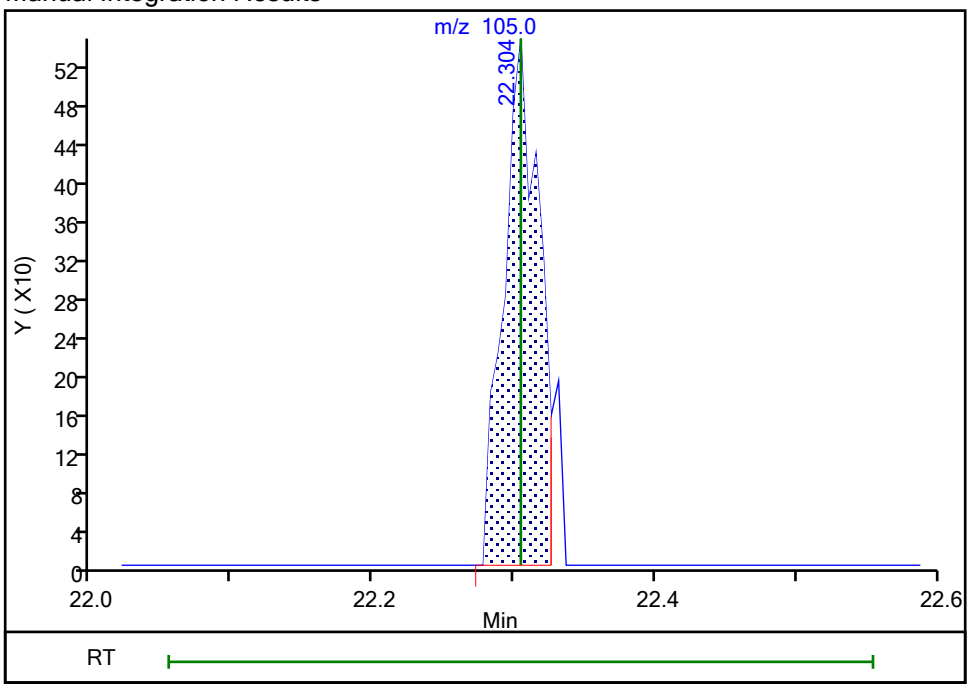
Processing Integration Results

RT: 22.30
Area: 1019
Amount: 0.036778
Amount Units: ppb v/v



Manual Integration Results

RT: 22.30
Area: 958
Amount: 0.034576
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 09:28:25

Audit Action: Manually Integrated Audit Reason: Assign Peak

Report Date: 11-Oct-2021 09:29:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d

Injection Date: 08-Oct-2021 18:45:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-3 Lab Sample ID: 200-60355-3

Client ID: AA_20210929

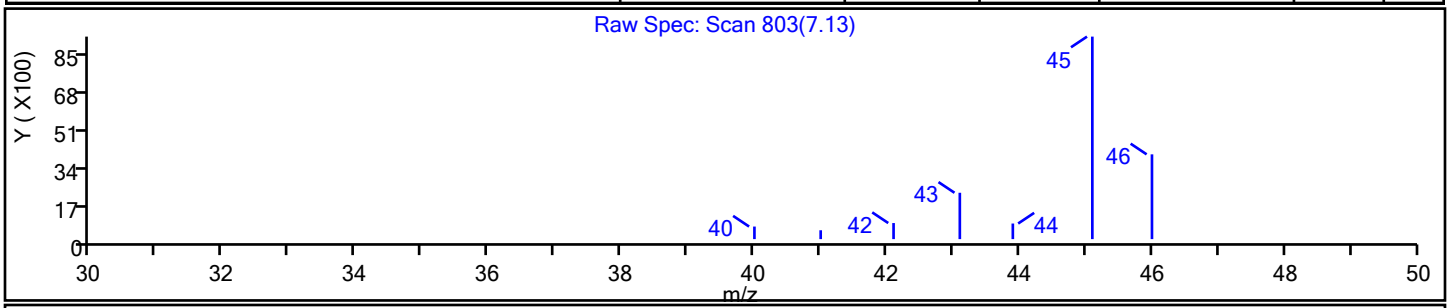
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12

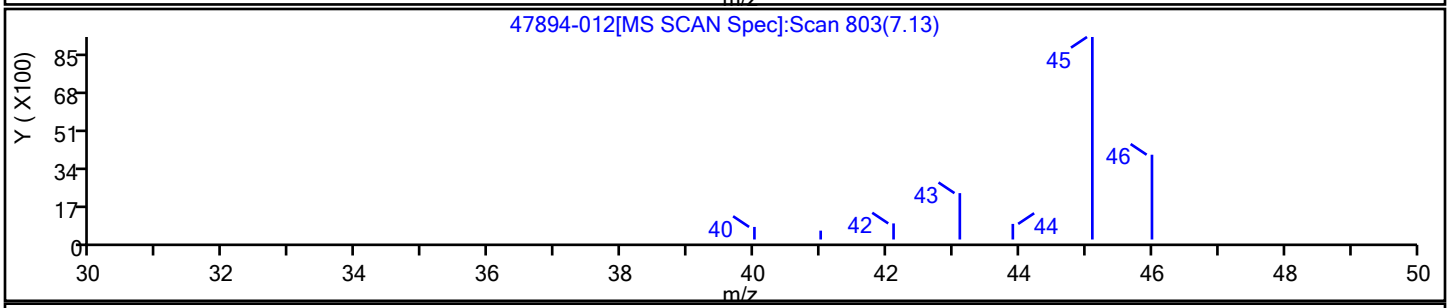
Purge Vol: 200.000 mL Dil. Factor: 1.0000

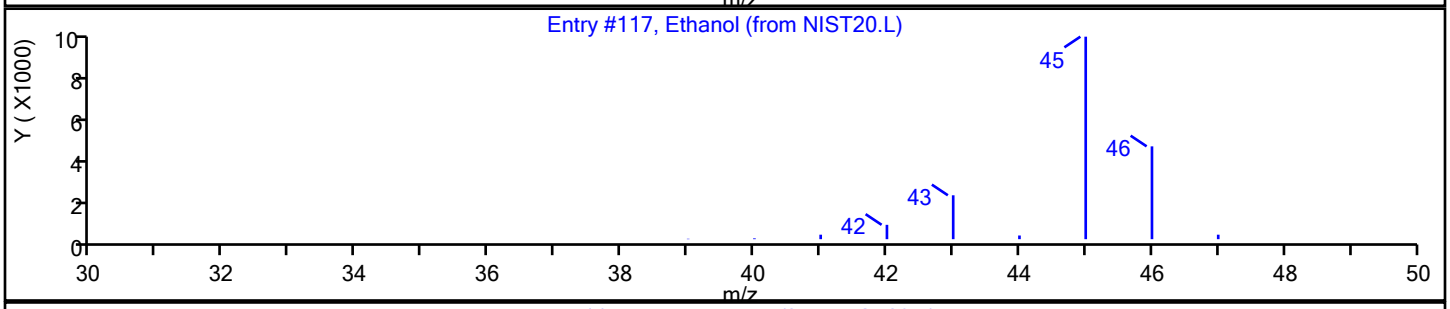
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

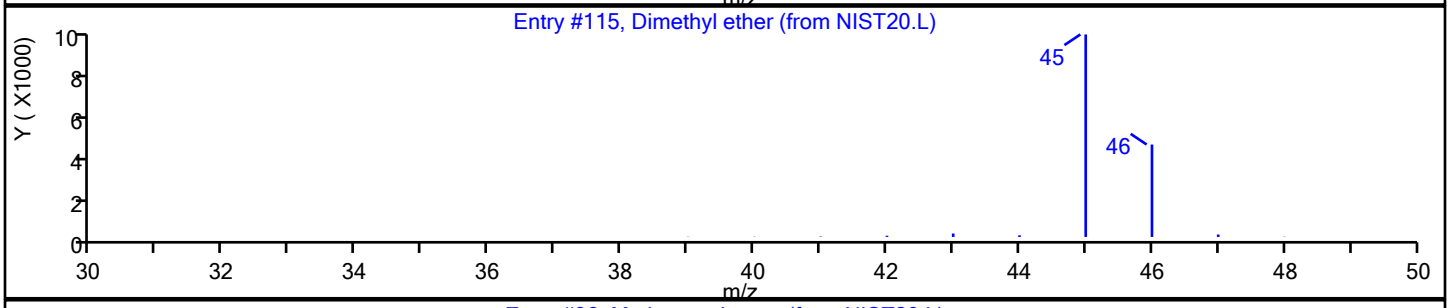
Column: Detector MS SCAN

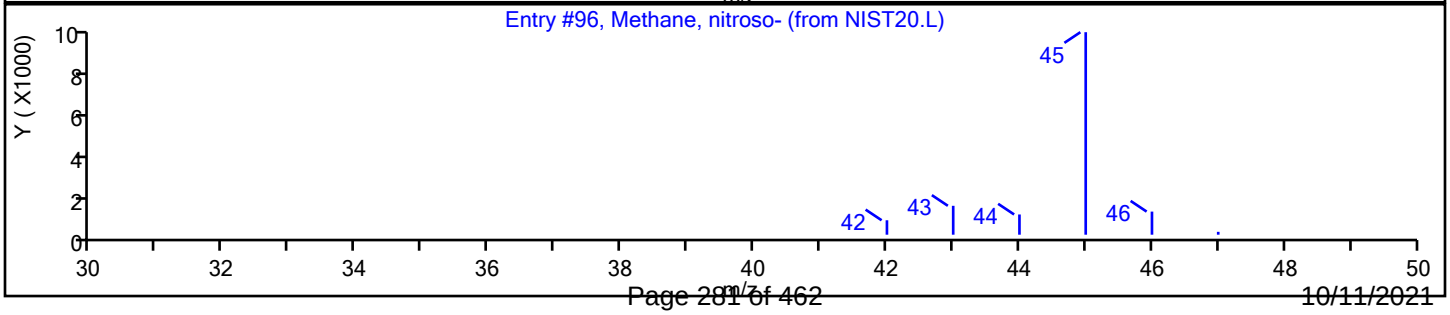
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Ethanol	64-17-5	NIST20.L	117	C2H6O	46	74
Dimethyl ether	115-10-6	NIST20.L	115	C2H6O	46	5
Methane, nitroso-	865-40-7	NIST20.L	96	CH3NO	45	5











Report Date: 11-Oct-2021 09:29:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-012.d

Injection Date: 08-Oct-2021 18:45:30 Instrument ID: CHW.i

Lims ID: 200-60355-A-3 Lab Sample ID: 200-60355-3

Client ID: AA_20210929

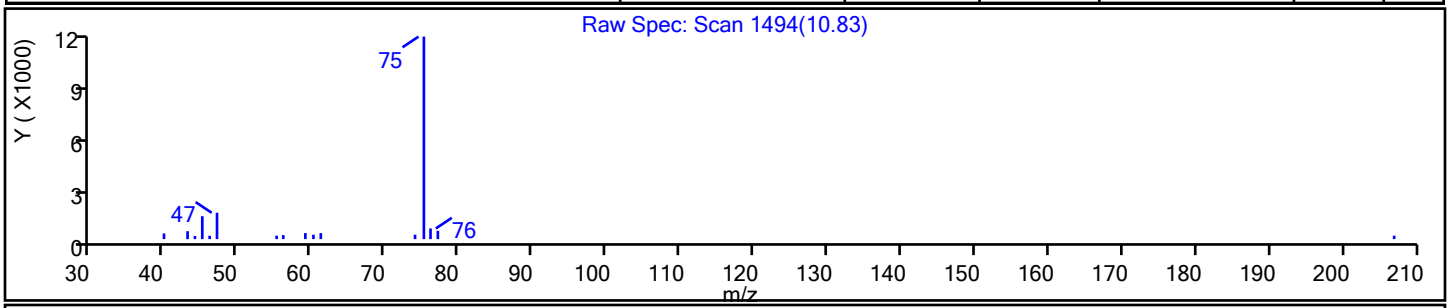
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12

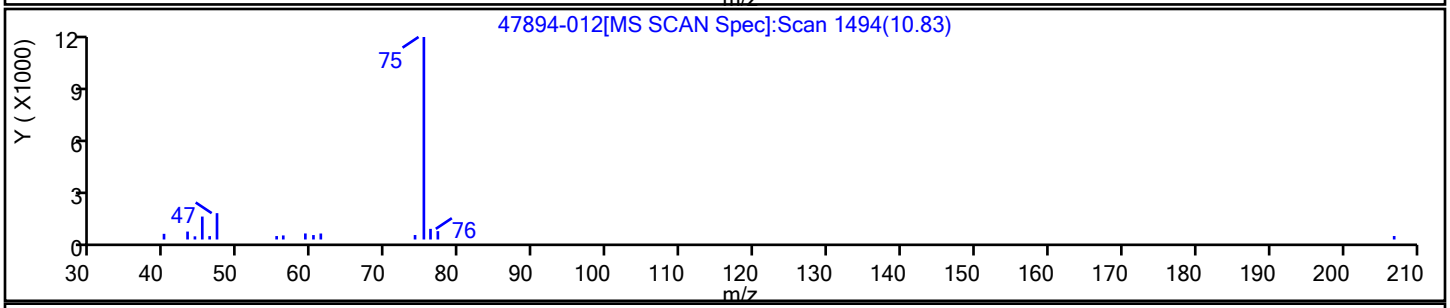
Purge Vol: 200.000 mL Dil. Factor: 1.0000

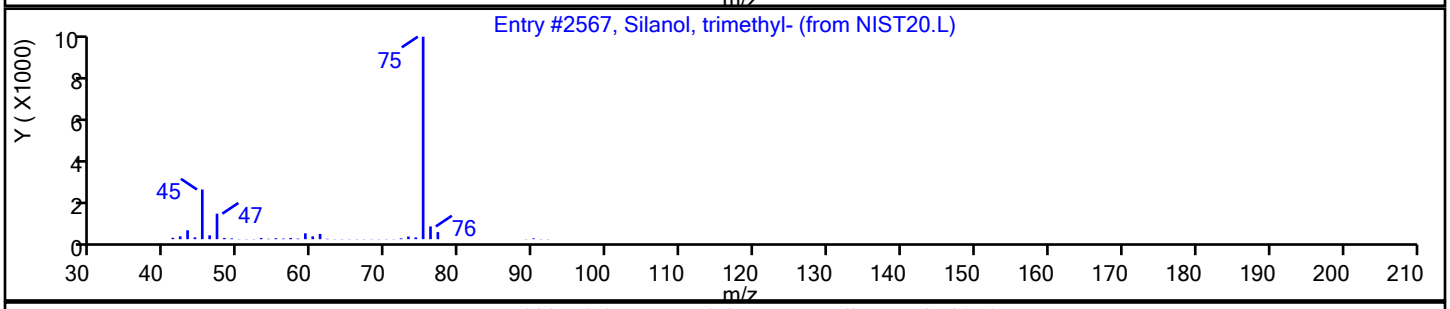
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

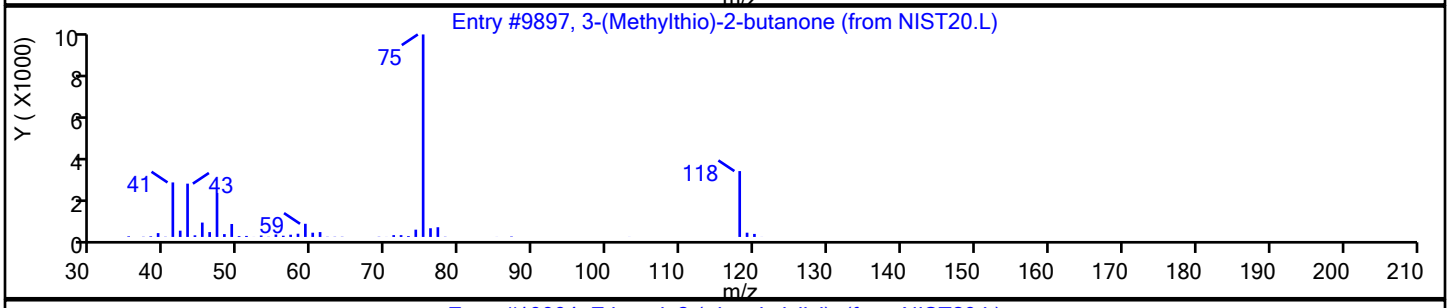
Column: Detector MS SCAN

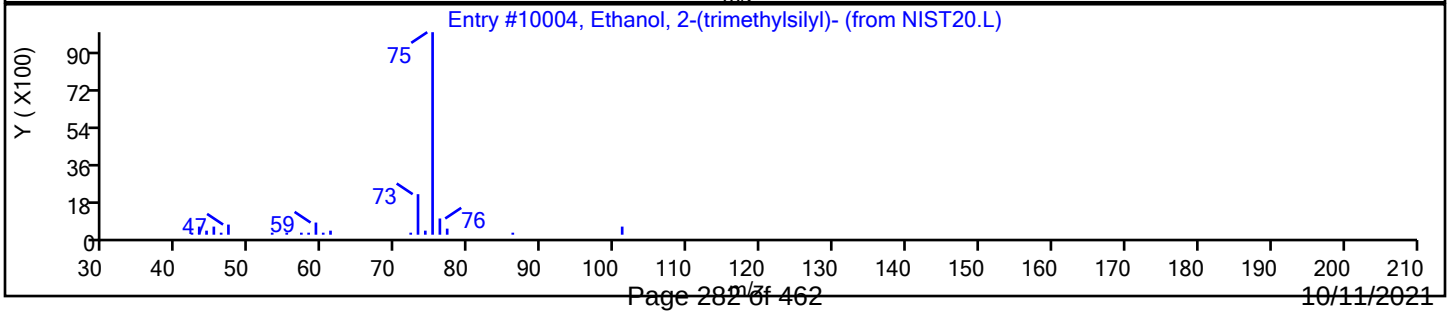
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Silanol, trimethyl-	1066-40-6	NIST20.L	2567	C3H10OSi	90	78
3-(Methylthio)-2-butanone	53475-15-3	NIST20.L	9897	C5H10OS	118	78
Ethanol, 2-(trimethylsilyl)-	2916-68-9	NIST20.L	10004	C5H14OSi	118	64











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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-171376/3	47557-003.d
Level 2	IC 200-171376/20	47557-020.d
Level 3	IC 200-171376/5	47557-005.d
Level 4	IC 200-171376/6	47557-006.d
Level 5	ICIS 200-171376/17	47557-017.d
Level 6	IC 200-171376/8	47557-008.d
Level 7	IC 200-171376/11	47557-011.d
Level 8	IC 200-171376/12	47557-012.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Propylene	+++++ 1.3291	+++++ 1.2580	+++++ 1.3414	1.7378	1.5647	Ave		1.4462				13.8		30.0			
Dichlorodifluoromethane	+++++ 4.7192	6.5788 4.7505	6.2375 5.0301	6.1212	6.0479	Ave		5.6408				13.8		30.0			
Chlorodifluoromethane	+++++ 2.5064	2.8865 2.4898	3.8304 2.5586	3.1868	3.0877	Ave		2.9352				16.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.4828	6.1012 4.3073	6.0768 4.8079	5.6755	5.7503	Ave		5.3145				14.3		30.0			
Chloromethane	+++++ 1.2665	1.6150 1.3907	1.8941 1.3134	1.5822	1.5705	Ave		1.5189				14.2		30.0			
Vinyl chloride	1.0944 1.5965	2.1222 1.5491	2.1190 1.4877	2.0868	1.7055	Ave		1.7202				21.4		30.0			
n-Butane	+++++ 2.1090	2.9724 2.0857	3.2049 2.0721	2.8316	2.4136	Ave		2.5270				18.7		30.0			
1,3-Butadiene	1.1009 1.1946	1.4322 1.2052	1.6277 1.1534	1.5406	1.3835	Ave		1.3298				14.6		30.0			
Bromomethane	+++++ 1.6098	2.0180 1.5604	2.0177 1.2462	1.9579	1.4775	Ave		1.6982				17.9		30.0			
Chloroethane	+++++ 0.7448	1.0961 0.7698	1.0503 0.6407	0.9394	0.7321	Ave		0.8533				20.5		30.0			
Isopentane	+++++ 1.5124	1.9788 1.5350	2.3885 1.3456	1.9502	1.5685	Ave		1.7541				20.8		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.6036	2.0109 1.5776	1.9959 1.3024	1.9797	1.5312	Ave		1.7145				16.4		30.0			
Trichlorofluoromethane	+++++ 4.6398	5.8217 4.6846	6.2254 4.1420	5.9408	4.9781	Ave		5.2046				15.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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-Pentane	+++++ 2.1230	2.5396 2.1839	2.7126 1.9626	2.6898	2.2394	Ave		2.3501				12.6		30.0			
Ethanol	+++++ 0.4346	+++++ 0.4258	0.4118 0.4104	0.4939	0.4839	Ave		0.4434				8.2		30.0			
Ethyl ether	+++++ 0.9117	0.8072 0.9081	0.9273 0.8055	1.1022	0.9643	Ave		0.9180				11.0		30.0			
Acrolein	+++++ 0.5261	+++++ 0.4936	+++++ 0.4408	0.6208	0.5668	Ave		0.5296				13.0		30.0			
1,1-Dichloroethene	1.0927 1.4745	2.1368 1.4065	1.7758 1.1896	1.7463	1.3986	Ave		1.5276				22.4		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 3.0837	3.9413 3.0929	3.6445 2.6150	3.8724	3.0364	Ave		3.3266				14.9		30.0			
Acetone	+++++ 1.7524	+++++ 1.9781	+++++ 1.8288	2.3020	2.0034	Ave		1.9729				10.7		30.0			
Isopropyl alcohol	+++++ 1.9113	+++++ 1.9465	+++++ 1.8500	2.3134	1.9709	Ave		1.9984				9.1		30.0			
Carbon disulfide	+++++ 3.6470	+++++ 3.6632	4.6086 3.1513	4.5885	3.6714	Ave		3.8883				15.0		30.0			
Acetonitrile	+++++ 0.7223	+++++ 0.7559	+++++ 0.7260	0.9167	0.7967	Ave		0.7835				10.2		30.0			
3-Chloropropene	+++++ 1.3917	1.7174 1.4474	1.9353 1.3041	1.7879	1.5562	Ave		1.5914				14.4		30.0			
Methylene Chloride	+++++ 1.2398	1.6080 1.3168	1.7361 1.3132	1.6049	1.4298	Ave		1.4641				12.8		30.0			
tert-Butyl alcohol	+++++ 2.2661	+++++ 2.3156	+++++ 2.4616	2.8523	2.5701	Ave		2.4931				9.4		30.0			
Acrylonitrile	+++++ 0.7166	+++++ 0.7566	0.5714 0.6903	0.9263	0.8640	Ave		0.7542				16.8		30.0			
trans-1,2-Dichloroethene	1.8234 1.7423	2.0100 1.7848	1.9569 1.6569	2.2921	2.1260	Ave		1.9241				11.1		30.0			
Methyl tert-butyl ether	+++++ 3.6107	3.7853 3.7695	3.8127 3.4532	4.5008	4.4593	Ave		3.9131				10.4		30.0			
n-Hexane	+++++ 1.5784	1.8890 1.6159	2.0356 1.4933	1.9750	1.6834	Ave		1.7529				12.1		30.0			
1,1-Dichloroethane	2.4308 2.1030	2.5781 2.1891	2.9834 1.9762	2.6627	2.2780	Ave		2.4002				13.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Vinyl acetate	+++++ 2.5913	+++++ 2.7976	+++++ 2.6823	3.2726	3.0724	Ave		2.8832				9.8		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.5665	0.2335 0.5888	0.5462 0.5347	0.6382	0.5697	Ave		0.5254				25.3		30.0			
cis-1,2-Dichloroethene	0.2507 1.3671	1.6567 1.3580	1.6688 1.2160	1.5821	1.3735	Ave		1.3091				34.9	*	30.0			
Ethyl acetate	+++++ 0.1051	+++++ 0.1175	+++++ 0.1013	0.1307	0.1114	Ave		0.1132				10.2		30.0			
Tetrahydrofuran	+++++ 0.2474	+++++ 0.2742	+++++ 0.2734	0.3406	0.2891	Ave		0.2849				12.1		30.0			
Chloroform	+++++ 2.9145	3.4850 3.0347	3.5218 2.9426	3.4618	3.2555	Ave		3.2308				8.2		30.0			
1,1,1-Trichloroethane	+++++ 0.7648	0.8880 0.8119	0.8457 0.8007	0.9508	0.8742	Ave		0.8480				7.4		30.0			
Cyclohexane	+++++ 0.3694	0.3954 0.3744	0.3605 0.3574	0.4282	0.4634	Ave		0.3927				10.1		30.0			
Carbon tetrachloride	1.5758 0.8887	1.0980 0.9339	1.0639 0.9281	1.1051	1.0872	Ave		1.0851				19.9		30.0			
Benzene	+++++ 0.8031	0.9943 0.8215	0.8070 0.8070	0.9614	0.8620	Ave		0.8652				9.3		30.0			
1,2-Dichloroethane	+++++ 0.4187	0.4706 0.4631	0.4841 0.4654	0.5725	0.4803	Ave		0.4792				9.7		30.0			
2,2,4-Trimethylpentane	+++++ 1.1539	1.1718 1.2065	1.1939 1.1938	1.4093	1.2462	Ave		1.2251				7.0		30.0			
n-Heptane	+++++ 0.3961	0.4724 0.4291	0.4167 0.4341	0.5417	0.4656	Ave		0.4508				10.7		30.0			
n-Butanol	+++++ 0.1679	+++++ 0.1842	+++++ 0.1848	0.2009	0.1758	Ave		0.1827				6.7		30.0			
Trichloroethene	0.3103 0.4289	0.4931 0.4244	0.4473 0.4016	0.4783	0.4261	Ave		0.4262				13.1		30.0			
1,2-Dichloropropane	+++++ 0.2733	0.3030 0.2795	0.3303 0.3077	0.3355	0.2990	Ave		0.3040				7.7		30.0			
Methyl methacrylate	+++++ 0.2848	0.1828 0.3023	0.2742 0.3241	0.3286	0.2997	Ave		0.2852				17.2		30.0			
1,4-Dioxane	+++++ 0.1688	+++++ 0.1738	+++++ 0.1832	0.1968	0.1554	Ave		0.1756				8.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Dibromomethane	+++++ 0.5621	0.6662 0.5583	0.5930 0.6096	0.6030	0.5292	Ave		0.5888				7.5		30.0			
Bromodichloromethane	+++++ 0.6532	0.7395 0.7360	0.7109 0.8142	0.8364	0.7365	Ave		0.7467				8.3		30.0			
cis-1,3-Dichloropropene	+++++ 0.5209	0.5841 0.5561	0.5305 0.6153	0.6037	0.5870	Ave		0.5711				6.3		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.5389	+++++ 0.6079	0.5292 0.6548	0.7108	0.6618	Ave		0.6172				11.7		30.0			
Toluene	+++++ 0.7356	0.8294 0.7506	0.7827 0.7652	0.8484	0.6991	Ave		0.7730				6.8		30.0			
n-Octane	+++++ 0.5557	0.5379 0.6094	0.5687 0.6168	0.7492	0.6489	Ave		0.6124				11.7		30.0			
trans-1,3-Dichloropropene	+++++ 0.5020	0.4591 0.5378	0.4604 0.5393	0.5853	0.5405	Ave		0.5178				9.0		30.0			
1,1,2-Trichloroethane	+++++ 0.3348	0.4711 0.3491	0.3985 0.3247	0.3920	0.3152	Ave		0.3693				14.9		30.0			
Tetrachloroethene	0.7960 0.8791	1.1492 0.8708	0.8214 0.7895	0.9427	0.7719	Ave		0.8776				14.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5793	0.4231 0.6616	0.5015 0.6590	0.7161	0.5962	Ave		0.5910				17.1		30.0			
Dibromochloromethane	+++++ 0.8903	0.9650 1.0576	1.1144 0.9801	1.1289	0.9608	Ave		1.0139				8.7		30.0			
1,2-Dibromoethane	+++++ 0.6627	0.6777 0.6852	0.6671 0.6377	0.7569	0.6044	Ave		0.6703				7.0		30.0			
Chlorobenzene	+++++ 1.0472	1.3986 1.0582	1.1335 0.9973	1.1511	1.0218	Ave		1.1154				12.3		30.0			
Ethylbenzene	+++++ 1.6465	1.8517 1.6729	1.7755 1.5892	1.8810	1.6453	Ave		1.7232				6.6		30.0			
m,p-Xylene	+++++ 0.6983	0.7337 0.6938	0.6739 0.6560	0.7944	0.6517	Ave		0.7003				7.1		30.0			
n-Nonane	+++++ 0.6449	0.5964 0.6841	0.6113 0.6536	0.8160	0.6567	Ave		0.6661				10.9		30.0			
o-Xylene	+++++ 0.6724	0.7081 0.6675	0.6601 0.6384	0.7623	0.6146	Ave		0.6748				7.2		30.0			
Styrene	+++++ 1.0317	0.9769 1.0538	0.8481 1.0110	1.1599	0.9513	Ave		1.0047				9.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Bromoform	+++++ 0.5603	0.4359 1.0460	0.9638 1.0046	0.9626	0.9548	Ave		0.8468				28.7		30.0			
Cumene	+++++ 1.9372	1.9785 1.9982	1.7990 1.8950	2.2502	1.8211	Ave		1.9542				7.7		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8282	1.1235 0.9096	0.9732 0.8451	1.0410	0.9606	Ave		0.9544				11.0		30.0			
1,2,3-Trichloropropane	+++++ 0.6913	0.9115 0.7278	0.7728 0.6882	0.8538	0.6775	Ave		0.7604				12.0		30.0			
n-Propylbenzene	+++++ 2.1846	2.4241 2.2649	1.8739 2.1552	2.6008	2.1929	Ave		2.2423				10.2		30.0			
2-Chlorotoluene	+++++ 1.3859	1.6338 1.4587	1.3554 1.3715	1.6289	1.3704	Ave		1.4578				8.4		30.0			
4-Ethyltoluene	+++++ 1.9252	1.8930 1.9521	1.5566 1.8700	2.1899	1.9018	Ave		1.8984				9.8		30.0			
1,3,5-Trimethylbenzene	+++++ 1.6771	1.7754 1.7207	1.6020 1.6267	1.9812	1.6229	Ave		1.7152				7.7		30.0			
n-Decane	+++++ 0.8262	0.6319 0.8830	0.6576 0.8441	1.0573	0.8168	Ave		0.8167				17.5		30.0			
Alpha Methyl Styrene	+++++ 0.9135	0.7988 0.9405	0.5882 0.9011	0.9898	1.0393	Ave		0.8816				17.0		30.0			
tert-Butylbenzene	+++++ 1.7135	1.7192 1.7798	1.5833 1.6826	1.9868	1.9915	Ave		1.7795				8.7		30.0			
1,2,4-Trimethylbenzene	+++++ 1.6737	1.7469 1.7524	1.4378 1.6546	1.9432	1.9124	Ave		1.7316				9.8		30.0			
sec-Butylbenzene	+++++ 2.3583	2.3889 2.5030	2.0882 2.3654	2.8092	2.7254	Ave		2.4626				9.9		30.0			
1,3-Dichlorobenzene	+++++ 1.1845	1.3983 1.2240	0.7630 1.1770	1.2393	1.2891	Ave		1.1822				16.9		30.0			
4-Isopropyltoluene	+++++ 2.1723	1.9584 2.2785	1.8029 2.1680	2.5215	2.4833	Ave		2.1978				11.9		30.0			
1,4-Dichlorobenzene	+++++ 1.1328	1.0834 1.1694	0.6813 1.1436	1.1074	1.2113	Ave		1.0756				16.6		30.0			
Benzyl chloride	+++++ 1.2137	1.1496 1.2605	0.6890 1.3044	1.1926	1.2277	Ave		1.1482				18.1		30.0			
n-Butylbenzene	+++++ 1.7826	1.3949 1.8882	1.2444 1.8418	2.0060	1.9630	Ave		1.7315				17.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
1,2-Dichlorobenzene	+++++ 1.1858	1.5149 1.2055	0.8867 1.1775	1.2756	1.3006	Ave		1.2209				15.4		30.0			
n-Undecane	+++++ 0.9146	+++++ 0.9865	+++++ 0.9662	1.0504	0.9617	Ave		0.9759				5.1		30.0			
n-Dodecane	+++++ 0.8086	+++++ 0.8405	+++++ 0.8958	0.8291	0.7973	Ave		0.8343				4.6		30.0			
1,2,4-Trichlorobenzene	+++++ 0.8096	+++++ 0.7611	0.2430 0.8356	0.6167	0.7371	Ave		0.6672				33.2	*	30.0			
Hexachlorobutadiene	+++++ 1.5437	1.7431 1.5677	1.1821 1.5838	1.5764	1.7186	Ave		1.5593				11.8		30.0			
Naphthalene	+++++ 1.6082	+++++ 1.3335	0.5397 1.4129	1.3571	1.3643	Ave		1.2693				29.2		30.0			
1,2,3-Trichlorobenzene	+++++ 0.8828	1.2805 0.7971	0.3790 0.8689	0.7377	0.8144	Ave		0.8229				32.2	*	30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-171376/3	47557-003.d
Level 2	IC 200-171376/20	47557-020.d
Level 3	IC 200-171376/5	47557-005.d
Level 4	IC 200-171376/6	47557-006.d
Level 5	ICIS 200-171376/17	47557-017.d
Level 6	IC 200-171376/8	47557-008.d
Level 7	IC 200-171376/11	47557-011.d
Level 8	IC 200-171376/12	47557-012.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Propylene	BCM	Ave	+++++ 125290	+++++ 131646	+++++ 288620	34681	80085	+++++ 15.5	+++++ 20.6	+++++ 41.3	4.64	10.3
Dichlorodifluoromethane	BCM	Ave	+++++ 450033	7454 502897	12603 1094900	123582	313147	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
Chlorodifluoromethane	BCM	Ave	+++++ 239927	3283 264580	7769 559054	64586	160487	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 426260	6893 454671	12243 1043527	114254	296879	+++++ 15.6	0.188 20.8	0.469 41.6	4.68	10.4
Chloromethane	BCM	Ave	+++++ 126331	1914 153987	4003 299026	33413	85055	+++++ 16.4	0.197 21.8	0.492 43.7	4.91	10.9
Vinyl chloride	BCM	Ave	247 151515	2393 163207	4261 322274	41929	87885	0.0333 15.6	0.187 20.8	0.468 41.6	4.67	10.4
n-Butane	BCM	Ave	+++++ 199578	3342 219101	6426 447572	56729	124012	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
1,3-Butadiene	BCM	Ave	242 110429	1573 123677	3188 243371	30150	69441	0.0325 15.2	0.183 20.2	0.456 40.5	4.55	10.1
Bromomethane	BCM	Ave	+++++ 151602	2258 163132	4026 267885	39037	75548	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Chloroethane	BCM	Ave	+++++ 70690	1236 81099	2112 138793	18874	37726	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
Isopentane	BCM	Ave	+++++ 144222	2242 162495	4826 292893	39372	81215	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 152625	2274 166688	4025 282943	39892	79129	+++++ 15.6	0.188 20.8	0.469 41.7	4.68	10.4
Trichlorofluoromethane	BCM	Ave	+++++ 447544	6672 501619	12723 911960	121319	260715	+++++ 15.8	0.190 21.1	0.476 42.2	4.74	10.6

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
n-Pentane	BCM	Ave	+++++ 196440	2792 224327	5318 414517	52693	112507	+++++ 15.2	0.183 20.3	0.456 40.5	4.55	10.1
Ethanol	BCM	Ave	+++++ 59570	+++++ 86375	7980 213931	19115	36017	+++++ 22.5	+++++ 40.0	4.51 100.0	8.99	15.0
Ethyl ether	BCM	Ave	+++++ 83944	883 92815	1809 169295	21485	48208	+++++ 15.1	0.182 20.2	0.454 40.3	4.53	10.1
Acrolein	BCM	Ave	+++++ 46709	+++++ 48650	+++++ 89332	11670	27323	+++++ 14.6	+++++ 19.4	+++++ 38.9	4.37	9.72
1,1-Dichloroethene	BCM	Ave	244 138452	2384 146617	3533 254972	34716	71306	0.0330 15.4	0.185 20.6	0.463 41.1	4.62	10.3
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 295480	4487 328993	7399 571939	78554	157970	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Acetone	BCM	Ave	+++++ 163907	+++++ 205396	+++++ 390443	45585	101746	+++++ 15.4	+++++ 20.5	+++++ 41.0	4.60	10.2
Isopropyl alcohol	BCM	Ave	+++++ 178420	+++++ 201722	+++++ 394205	45721	99899	+++++ 15.3	+++++ 20.4	+++++ 40.9	4.59	10.2
Carbon disulfide	BCM	Ave	+++++ 338461	+++++ 377394	9062 667535	90154	184998	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
Acetonitrile	BCM	Ave	+++++ 65316	+++++ 75882	+++++ 149848	17550	39117	+++++ 14.8	+++++ 19.8	+++++ 39.6	4.45	9.90
3-Chloropropene	BCM	Ave	+++++ 135381	1985 156307	3989 289578	36822	82196	+++++ 16.0	0.192 21.3	0.480 42.6	4.79	10.6
Methylene Chloride	BCM	Ave	+++++ 116414	1794 137264	3454 281454	31906	72897	+++++ 15.4	0.185 20.6	0.463 41.1	4.62	10.3
tert-Butyl alcohol	BCM	Ave	+++++ 223133	+++++ 253112	+++++ 553264	59461	137407	+++++ 16.2	+++++ 21.6	+++++ 43.1	4.84	10.8
Acrylonitrile	BCM	Ave	+++++ 66173	+++++ 77565	1118 145505	18110	43321	+++++ 15.2	+++++ 20.2	0.455 40.4	4.54	10.1
trans-1,2-Dichloroethene	BCM	Ave	404 162333	2225 184601	3863 352372	45211	107551	0.0327 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Methyl tert-butyl ether	BCM	Ave	+++++ 344654	4293 399433	7711 752377	90954	231113	+++++ 15.7	0.189 20.9	0.471 41.8	4.70	10.4
n-Hexane	BCM	Ave	+++++ 152678	2171 173518	4172 329713	40446	88416	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
1,1-Dichloroethane	BCM	Ave	528 192097	2798 221973	5774 412036	51493	112979	0.0321 15.0	0.180 20.0	0.450 40.0	4.49	10.00

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Vinyl acetate	BCM	Ave	+++++ 245925	+++++ 294738	+++++ 581068	65754	158320	+++++ 15.6	+++++ 20.8	+++++ 41.6	4.67	10.4
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 53506	262 61733	1093 115278	12762	29216	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3
cis-1,2-Dichloroethene	BCM	Ave	55 126127	1816 139075	3262 256057	30902	68799	0.0324 15.1	0.182 20.2	0.455 40.4	4.54	10.1
Ethyl acetate	BCM	Ave	+++++ 9721	+++++ 12066	+++++ 21390	2560	5599	+++++ 15.2	+++++ 20.3	+++++ 40.5	4.55	10.1
Tetrahydrofuran	DFBZ	Ave	+++++ 102175	+++++ 122740	+++++ 236382	25576	63122	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.49	9.99
Chloroform	BCM	Ave	+++++ 268883	3820 310795	6884 619652	67614	163072	+++++ 15.1	0.182 20.2	0.455 40.4	4.54	10.1
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 322170	4449 370682	7784 706254	72817	194676	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Cyclohexane	DFBZ	Ave	+++++ 154993	1973 170293	3305 314021	32665	102796	+++++ 15.2	0.183 20.3	0.457 40.6	4.56	10.1
Carbon tetrachloride	DFBZ	Ave	1328 373273	5485 425140	9764 816154	84385	241408	0.0326 15.2	0.183 20.3	0.458 40.6	4.57	10.2
Benzene	DFBZ	Ave	+++++ 342952	5050 380210	7530 721560	74641	194613	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,2-Dichloroethane	DFBZ	Ave	+++++ 179319	2397 214979	4530 417326	44574	108740	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 499442	6032 566016	11291 1081852	110895	285150	+++++ 15.7	0.189 20.9	0.472 41.9	4.70	10.5
n-Heptane	DFBZ	Ave	+++++ 172114	2441 202061	3956 394945	42786	106946	+++++ 15.8	0.190 21.0	0.473 42.0	4.72	10.5
n-Butanol	DFBZ	Ave	+++++ 66295	+++++ 78798	+++++ 152729	14419	36701	+++++ 14.3	+++++ 19.1	+++++ 38.2	4.29	9.55
Trichloroethene	DFBZ	Ave	271 186693	2553 200256	4254 365995	37851	98058	0.0338 15.8	0.190 21.1	0.474 42.1	4.73	10.5
1,2-Dichloropropane	DFBZ	Ave	+++++ 116474	1536 129102	3076 274566	25995	67373	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Methyl methacrylate	DFBZ	Ave	+++++ 119612	913 137636	2516 284979	25094	66557	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
1,4-Dioxane	DFBZ	Ave	+++++ 73805	+++++ 82410	+++++ 167753	15646	35926	+++++ 15.9	+++++ 21.2	+++++ 42.3	4.75	10.6

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Dibromomethane	DFBZ	Ave	+++++ 239331	3374 257646	5517 543471	46683	119125	+++++ 15.4	0.186 20.6	0.464 41.2	4.63	10.3
Bromodichloromethane	DFBZ	Ave	+++++ 285406	3843 348576	6787 744876	66445	170136	+++++ 15.9	0.191 21.1	0.476 42.3	4.75	10.6
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 223730	2984 258897	4979 553349	47145	133290	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 228121	+++++ 278918	4895 580341	54703	148107	+++++ 15.4	+++++ 20.5	0.461 41.0	4.60	10.2
Toluene	CBNZ d5	Ave	+++++ 268215	3299 302327	5887 616217	56362	149718	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
n-Octane	DFBZ	Ave	+++++ 237294	2732 282043	5306 551536	58167	146486	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 205010	2230 238097	4109 461227	43463	116713	+++++ 14.8	0.178 19.8	0.445 39.5	4.44	9.88
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 125922	1933 145016	3092 269680	26859	69628	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
Tetrachloroethene	CBNZ d5	Ave	545 331239	4724 362465	6385 657017	64724	170853	0.0337 15.7	0.189 21.0	0.473 42.0	4.72	10.5
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 207680	1655 261996	3709 521783	46777	125552	+++++ 15.0	0.180 20.0	0.450 40.0	4.49	9.99
Dibromochloromethane	CBNZ d5	Ave	+++++ 309261	3657 405850	7986 751984	71452	196038	+++++ 14.5	0.175 19.4	0.436 38.7	4.35	9.68
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 252338	2815 288194	5240 536288	52512	135182	+++++ 15.9	0.191 21.2	0.478 42.4	4.77	10.6
Chlorobenzene	CBNZ d5	Ave	+++++ 394229	5744 440055	8803 829246	78953	225942	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Ethylbenzene	CBNZ d5	Ave	+++++	7409	13434	125695	354445	+++++	0.184	0.460	4.59	10.2

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
			603895	677774	1287335			15.3	20.4	40.9		
m,p-Xylene	CBNZ d5	Ave	+++++ 515258	5906 565479	10257 1069074	106793	282444	+++++ 30.8	0.371 41.1	0.926 82.2	9.24	20.6
n-Nonane	CBNZ d5	Ave	+++++ 242546	2447 284212	4743 542890	55915	145066	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
o-Xylene	CBNZ d5	Ave	+++++ 249984	2872 274156	5063 524262	51637	134219	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
Styrene	CBNZ d5	Ave	+++++ 382098	3947 431135	6480 826944	78269	206931	+++++ 15.5	0.186 20.6	0.465 41.3	4.64	10.3
Bromoform	CBNZ d5	Ave	+++++ 206899	1756 426672	7342 819376	64765	207104	+++++ 15.4	0.186 20.6	0.463 41.2	4.62	10.3
Cumene	CBNZ d5	Ave	+++++ 725106	8079 826197	13891 1566604	153459	400363	+++++ 15.6	0.188 20.9	0.470 41.7	4.69	10.4
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 307304	4548 372841	7450 692603	70378	209364	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++ 262724	3779 305536	6059 577680	59121	151241	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
n-Propylbenzene	CBNZ d5	Ave	+++++ 815361	9870 933777	14428 1776609	176853	480727	+++++ 15.6	0.188 20.8	0.468 41.6	4.67	10.4
2-Chlorotoluene	CBNZ d5	Ave	+++++ 519237	6678 603699	10476 1134883	111189	301571	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
4-Ethyltoluene	CBNZ d5	Ave	+++++ 713694	7656 799412	11904 1531077	147914	414106	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++	7222	12323	134595	355430	+++++	0.187	0.468	4.67	10.4

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
			625332	708735	1339646			15.6	20.8	41.6		
n-Decane	CBNZ d5	Ave	+++++	2578	5073	72038	179404	+++++	0.188	0.469	4.68	10.4
			308937	364755	697164			15.6	20.8	41.7		
Alpha Methyl Styrene	CBNZ d5	Ave	+++++	3190	4442	66013	223457	+++++	0.184	0.459	4.58	10.2
			334373	380287	728527			15.3	20.4	40.8		
tert-Butylbenzene	CBNZ d5	Ave	+++++	6973	12144	134583	434901	+++++	0.187	0.467	4.66	10.4
			637059	730977	1381640			15.5	20.7	41.4		
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++	7113	11070	132141	419243	+++++	0.188	0.468	4.67	10.4
			624682	722475	1363901			15.6	20.8	41.6		
sec-Butylbenzene	CBNZ d5	Ave	+++++	9783	16171	192129	600915	+++++	0.189	0.471	4.70	10.5
			885269	1037895	1961121			15.7	20.9	41.8		
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++	5792	5976	85733	287495	+++++	0.191	0.477	4.75	10.6
			449746	513369	987054			15.9	21.2	42.3		
4-Isopropyltoluene	CBNZ d5	Ave	+++++	7905	13761	169979	539668	+++++	0.186	0.464	4.63	10.3
			803724	931282	1771654			15.5	20.6	41.2		
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++	4441	5281	75812	267339	+++++	0.189	0.472	4.70	10.5
			425646	485361	949032			15.7	20.9	41.9		
Benzyl chloride	CBNZ d5	Ave	+++++	4762	5397	82504	273805	+++++	0.191	0.477	4.75	10.6
			460830	528668	1093862			15.9	21.2	42.3		
n-Butylbenzene	CBNZ d5	Ave	+++++	5674	9572	136275	429921	+++++	0.187	0.468	4.67	10.4
			664659	777735	1516786			15.6	20.8	41.6		
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++	6192	6853	87073	286215	+++++	0.188	0.470	4.69	10.4
			444277	498907	974391			15.7	20.9	41.8		
n-Undecane	CBNZ d5	Ave	+++++	+++++	+++++	71842	212037	+++++	+++++	+++++	4.70	10.5

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1 Analy Batch No.: 171376

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/15/2021 17:54 Calibration End Date: 09/16/2021 09:57 Calibration ID: 46700

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
			343313	409057	801024			15.7	20.9	41.8		
n-Dodecane	CBNZ d5	Ave	+++++	+++++	+++++	50739	157307	+++++	+++++	+++++	4.21	9.36
			271610	311886	664616			14.0	18.7	37.4		
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	1954	43788	168734	+++++	+++++	0.489	4.88	10.9
			315533	327682	719244			16.3	21.7	43.4		
Hexachlorobutadiene	CBNZ d5	Ave	+++++	7002	8979	105754	371675	+++++	0.185	0.462	4.61	10.3
			568404	637621	1287988			15.4	20.5	41.0		
Naphthalene	CBNZ d5	Ave	+++++	+++++	3884	86249	279522	+++++	+++++	0.438	4.37	9.72
			560984	513854	1088550			14.6	19.4	38.9		
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++	4572	2559	43992	156551	+++++	0.165	0.411	4.10	9.12
			288928	288196	628100			13.7	18.2	36.5		

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-Sep-2021 17:54:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-003
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:33:54 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: bourdeaut Date: 16-Sep-2021 08:09:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.137				ND	ND	
2 Dichlorodifluoromethane	85	4.233	4.233	0.000	13	1323	0.0335	0.0346	
3 Chlorodifluoromethane	51	4.265	4.276	-0.011	1	70	0.0336	0.003521	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.597	4.597	0.000	1	1546	0.0334	0.0429	
5 Chloromethane	50	4.720	4.709	0.011	1	264	0.0350	0.0257	
6 Vinyl chloride	62	5.041	5.019	0.022	1	247	0.0333	0.0212	
7 Butane	43	5.019	5.030	-0.011	1	368	0.0332	0.0215	
8 Butadiene	54	5.148	5.143	0.006	8	242	0.0325	0.0269	M
9 Bromomethane	94	5.854	5.859	-0.005	6	539	0.0331	0.0469	
10 Chloroethane	64		6.132				ND	ND	
11 2-Methylbutane	43	6.346	6.352	-0.006	1	569	0.0335	0.0479	
13 Vinyl bromide	106	6.560	6.560	0.000	1	278	0.0334	0.0239	
14 Trichlorofluoromethane	101	6.726	6.721	0.005	1	908	0.0339	0.0258	
15 Pentane	43	6.908	6.929	-0.021	1	326	0.0325	0.0205	
16 Ethanol	45		7.122				ND	ND	
18 Ethyl ether	59		7.368				ND	ND	
19 Acrolein	56		7.598				ND	ND	
20 1,1-Dichloroethene	96	7.775	7.785	-0.010	5	244	0.0330	0.0236	M
21 112TCTFE	101	7.839	7.828	0.011	75	561	0.0336	0.0249	
22 Acetone	43		7.887				ND	ND	
24 Isopropyl alcohol	45		8.192				ND	ND	
23 Carbon disulfide	76	8.192	8.197	-0.005	98	1915	0.0326	0.0727	
25 Acetonitrile	41		8.374				ND	ND	
26 3-Chloro-1-propene	41	8.497	8.486	0.011	1	324	0.0342	0.0301	
27 Methylene Chloride	49	8.711	8.716	-0.005	1	284	0.0330	0.0286	
28 2-Methyl-2-propanol	59		8.968				ND	ND	
29 Acrylonitrile	53		9.123				ND	ND	
30 trans-1,2-Dichloroethene	61	9.208	9.219	-0.011	1	404	0.0327	0.0310	M
31 Methyl tert-butyl ether	73	9.315	9.246	0.069	1	840	0.0335	0.0317	
32 Hexane	57	9.727	9.727	0.000	1	429	0.0340	0.0361	
33 1,1-Dichloroethane	63	9.984	9.984	0.000	1	528	0.0321	0.0325	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.059	10.000	0.059	3	165	0.0333	0.008449	
S 35 1,2-Dichloroethene, Total	61				0		0.0651	0.0372	
37 2-Butanone (MEK)	72		10.963				ND	ND	
36 cis-1,2-Dichloroethene	96	11.006	10.979	0.027	1	55	0.0324	0.006203	M
38 Ethyl acetate	88		11.038				ND	ND	
* 39 Chlorobromomethane	128	11.386	11.391	-0.005	73	67731	10.0	10.0	
40 Tetrahydrofuran	42		11.450				ND	ND	
41 Chloroform	83	11.551	11.567	-0.016	1	458	0.0324	0.0209	
42 1,1,1-Trichloroethane	97	11.878	11.872	0.006	1	547	0.0327	0.0249	
43 Cyclohexane	84		12.017				ND	ND	
44 Carbon tetrachloride	117	12.145	12.151	-0.006	9	1328	0.0326	0.0473	M
45 Benzene	78	12.493	12.504	-0.011	1	502	0.0331	0.0224	
46 1,2-Dichloroethane	62		12.573				ND	ND	
47 Isooctane	57	12.712	12.718	-0.006	42	1537	0.0336	0.0485	
48 n-Heptane	43	13.028	13.028	0.000	1	214	0.0337	0.0184	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	93	258641	10.0	10.0	
50 n-Butanol	56	13.242	13.483	-0.241	28	5277	0.0306	1.12	
51 Trichloroethene	95	13.665	13.670	-0.005	1	271	0.0338	0.0246	M
53 1,2-Dichloropropane	63		14.130				ND	ND	
55 Methyl methacrylate	69		14.221				ND	ND	
57 1,4-Dioxane	88		14.280				ND	ND	
56 Dibromomethane	174	14.274	14.290	-0.016	21	394	0.0330	0.0259	
58 Dichlorobromomethane	83	14.601	14.595	0.006	1	571	0.0339	0.0296	
60 cis-1,3-Dichloropropene	75	15.398	15.403	-0.005	1	265	0.0333	0.0179	
61 4-Methyl-2-pentanone (MIBK)	43	15.762	15.671	0.091	1	63	0.0328	0.003946	
62 Toluene	92	16.045	16.045	0.000	20	358	0.0326	0.0228	
63 n-Octane	43	16.286	16.297	-0.011	1	460	0.0331	0.0290	
64 trans-1,3-Dichloropropene	75	16.452	16.457	-0.005	1	318	0.0317	0.0237	
65 1,1,2-Trichloroethane	83		16.832				ND	ND	
66 Tetrachloroethene	166	17.035	17.035	0.000	11	545	0.0337	0.0305	M
67 2-Hexanone	43		17.260				ND	ND	
68 Chlorodibromomethane	129	17.564	17.575	-0.011	1	283	0.0310	0.0137	
69 Ethylene Dibromide	107	17.816	17.816	0.000	11	390	0.0340	0.0286	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	84	203313	10.0	10.0	
72 Chlorobenzene	112	18.795	18.784	0.011	1	1055	0.0336	0.0465	
73 Ethylbenzene	91	18.971	18.977	-0.006	1	488	0.0328	0.0139	
74 m-Xylene & p-Xylene	106	19.228	19.239	-0.011	0	214	0.0659	0.0150	
75 n-Nonane	57	19.314	19.309	0.005	1	353	0.0336	0.0261	
76 o-Xylene	106	20.025	20.015	0.010	1	191	0.0332	0.0139	
77 Styrene	104	20.047	20.052	-0.005	1	324	0.0331	0.0159	
S 78 Xylenes, Total	106				0		0.0992	0.0290	
79 Bromoform	173		20.400				ND	ND	
80 Isopropylbenzene	105	20.721	20.721	0.000	1	1437	0.0334	0.0362	
81 1,1,2,2-Tetrachloroethane	83	21.234	21.234	0.000	1	383	0.0332	0.0197	
82 1,2,3-Trichloropropane	75		21.336				ND	ND	
83 N-Propylbenzene	91	21.443	21.443	0.000	17	1310	0.0334	0.0287	
84 2-Chlorotoluene	91	21.593	21.587	0.006	1	573	0.0335	0.0193	
85 4-Ethyltoluene	105	21.636	21.641	-0.005	1	1395	0.0331	0.0361	
86 1,3,5-Trimethylbenzene	105	21.732	21.737	-0.005	1	1283	0.0333	0.0368	
87 n-Decane	57		21.769				ND	ND	
88 Alpha Methyl Styrene	118	22.069	22.064	0.005	1	430	0.0327	0.0240	
89 tert-Butylbenzene	119	22.219	22.219	0.000	9	1094	0.0332	0.0302	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.310	22.304	0.006	1	321	0.0334	0.009118	
91 sec-Butylbenzene	105	22.540	22.545	-0.005	17	934	0.0335	0.0187	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	1	619	0.0339	0.0258	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	1	1390	0.0331	0.0311	
94 1,4-Dichlorobenzene	146	22.861	22.855	0.006	1	318	0.0336	0.0145	
95 Benzyl chloride	91	23.005	23.005	0.000	1	376	0.0339	0.0161	
96 n-Butylbenzene	91	23.310	23.315	-0.005	1	707	0.0333	0.0201	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	1	613	0.0335	0.0247	
98 Undecane	57		23.465				ND	ND	
99 Dodecane	57		25.038				ND	ND	
100 1,2,4-Trichlorobenzene	180		25.766				ND	ND	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	1	510	0.0329	0.0161	
102 Naphthalene	128	26.242	26.242	0.000	1	386	0.0312	0.0150	M
103 1,2,3-Trichlorobenzene	180		26.654				ND	ND	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00232	Amount Added: 32.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

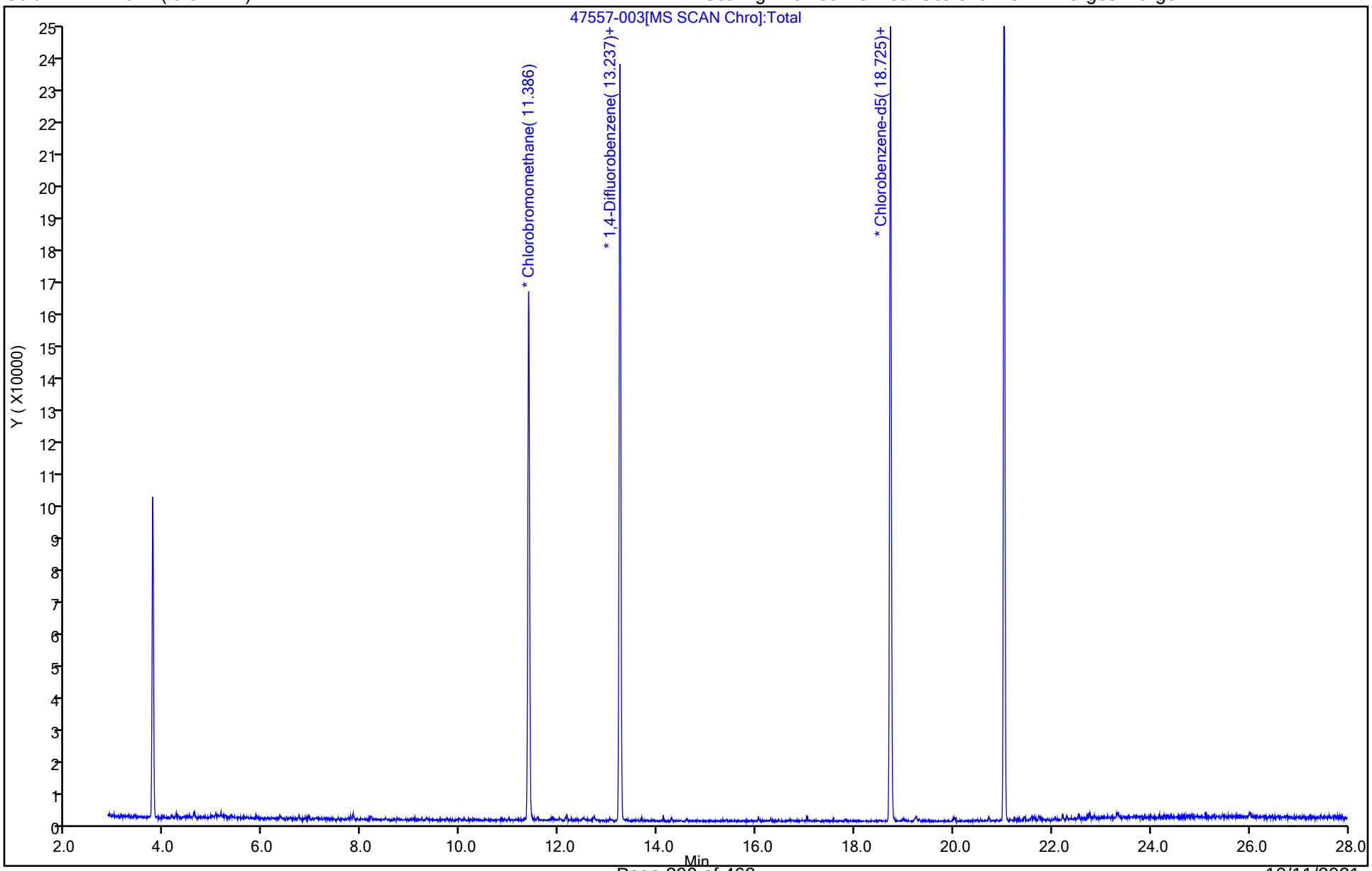
Report Date: 16-Sep-2021 14:33:54 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d

Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

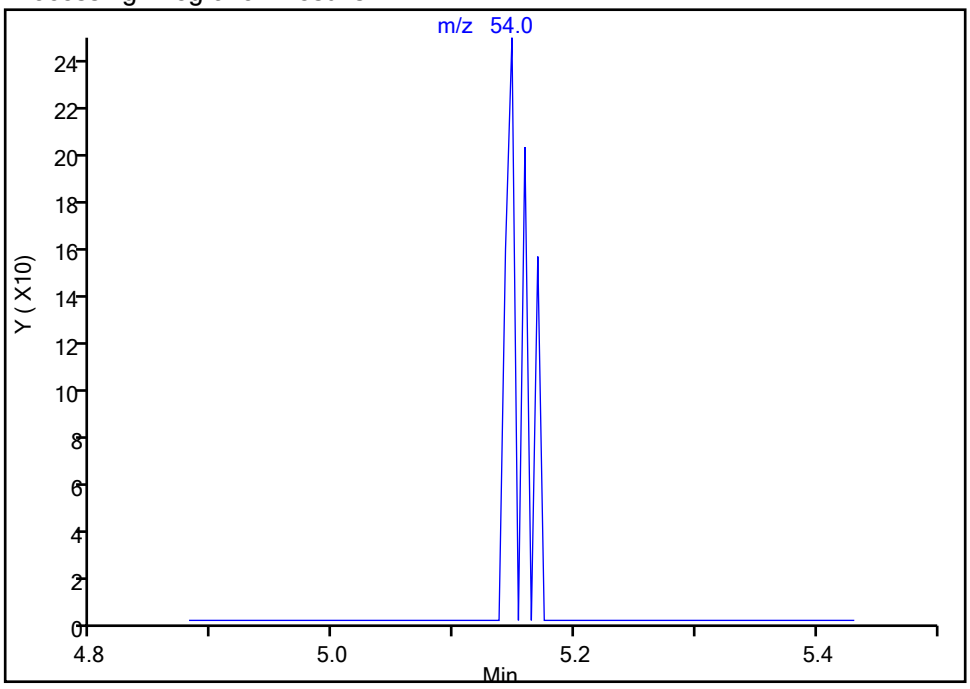
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Butadiene, CAS: 106-99-0

Signal: 1

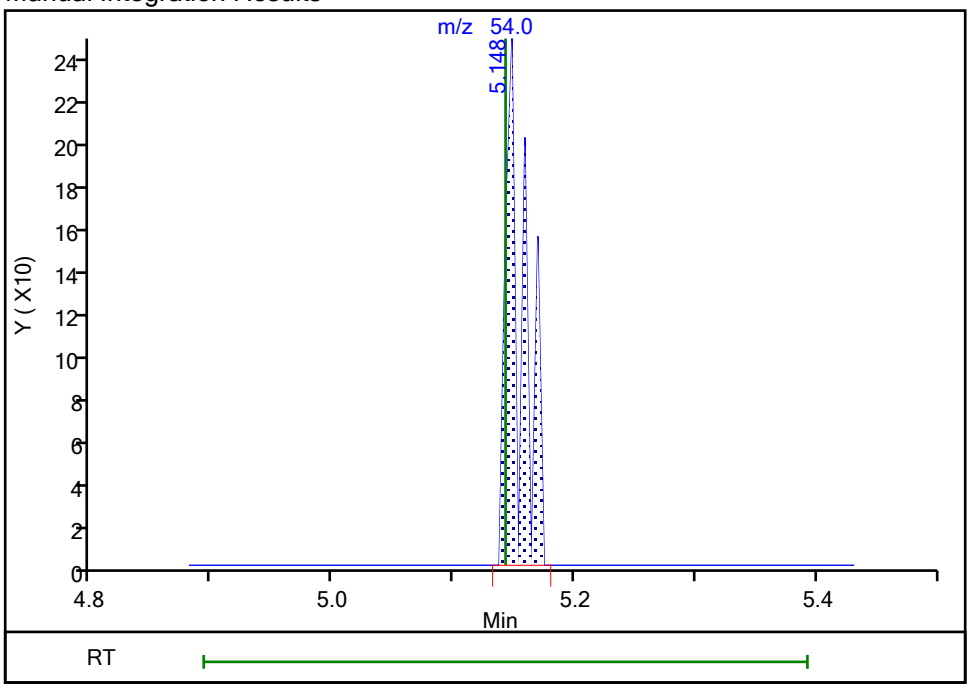
Processing Integration Results

Not Detected
Expected RT: 5.14



Manual Integration Results

RT: 5.15
Area: 242
Amount: 0.026869
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:05:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

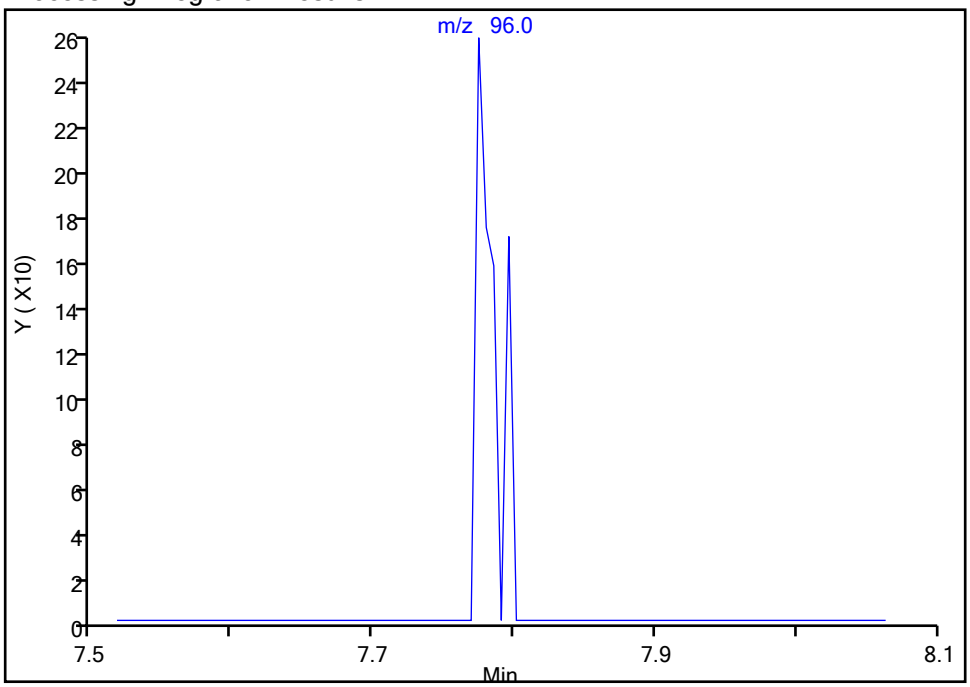
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

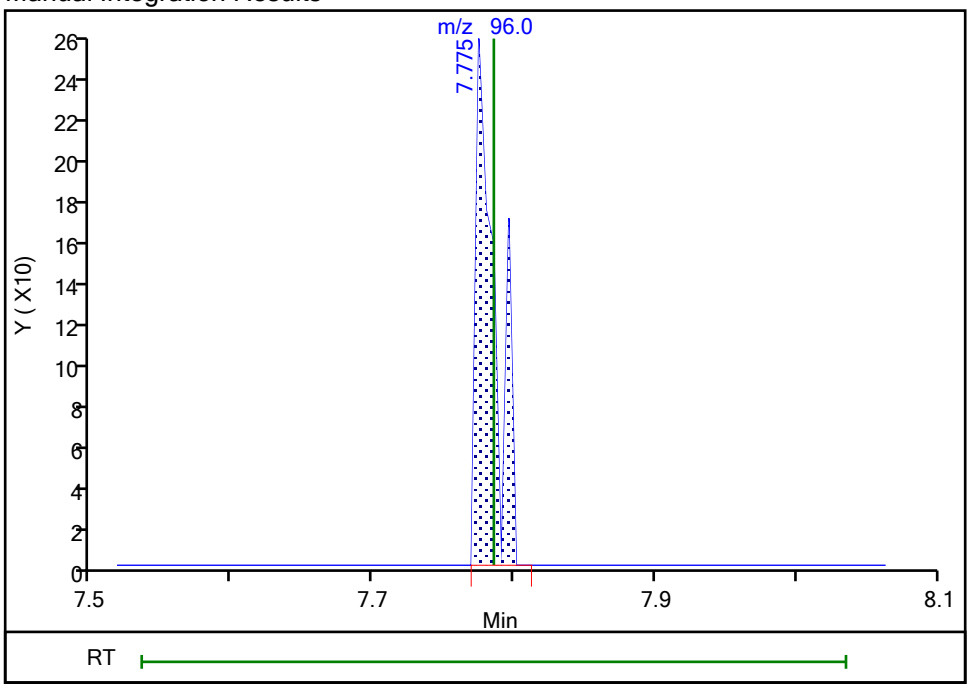
Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results

RT: 7.77
Area: 244
Amount: 0.023583
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:06:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

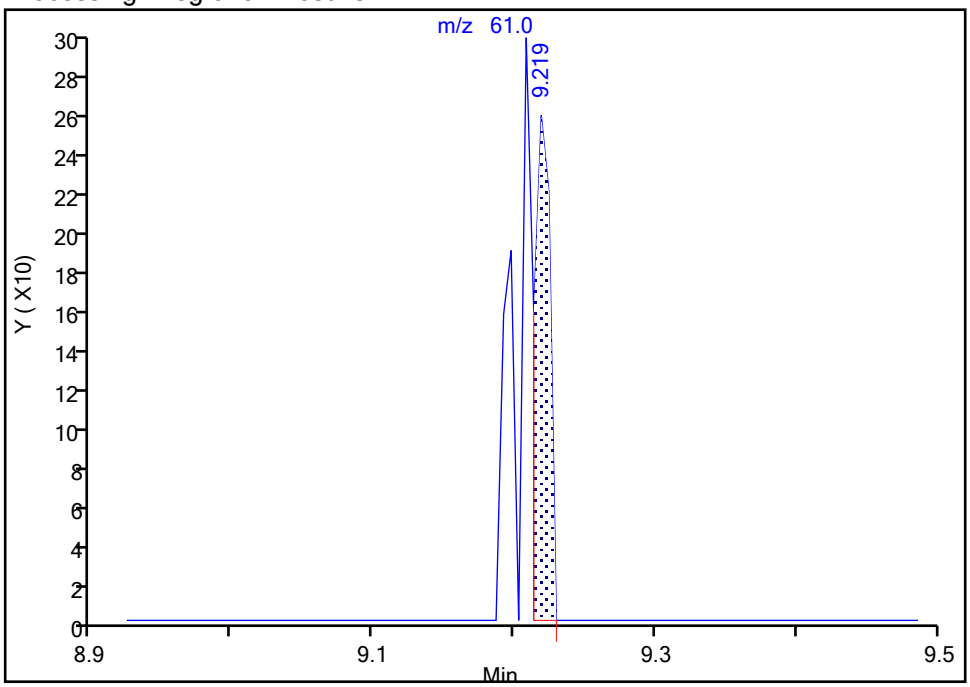
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

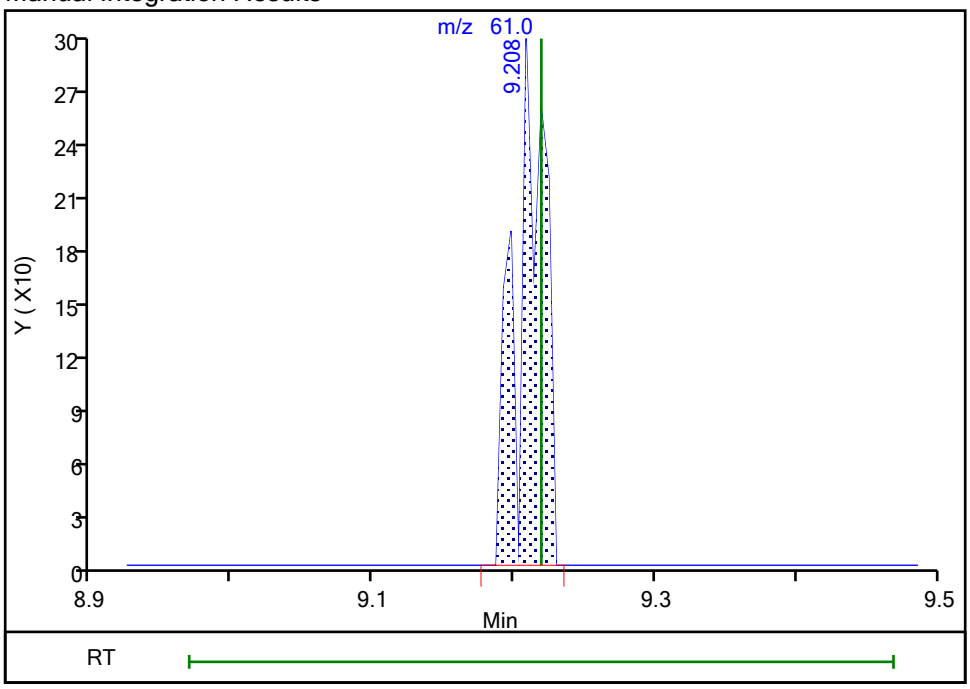
Processing Integration Results

RT: 9.22
Area: 201
Amount: 0.016247
Amount Units: ppb v/v



Manual Integration Results

RT: 9.21
Area: 404
Amount: 0.031001
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:07:19

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

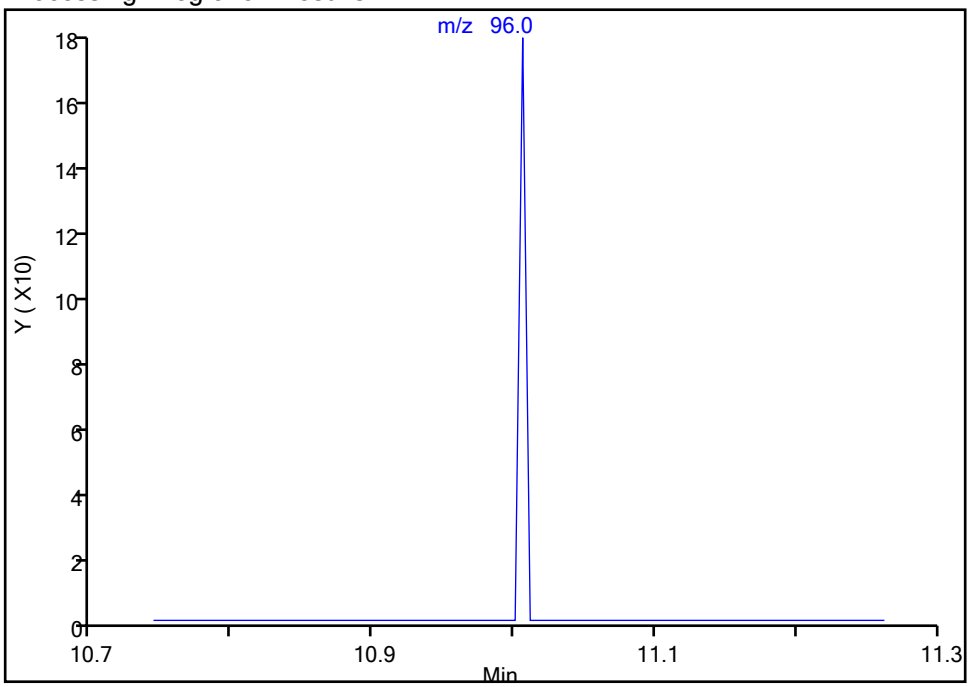
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

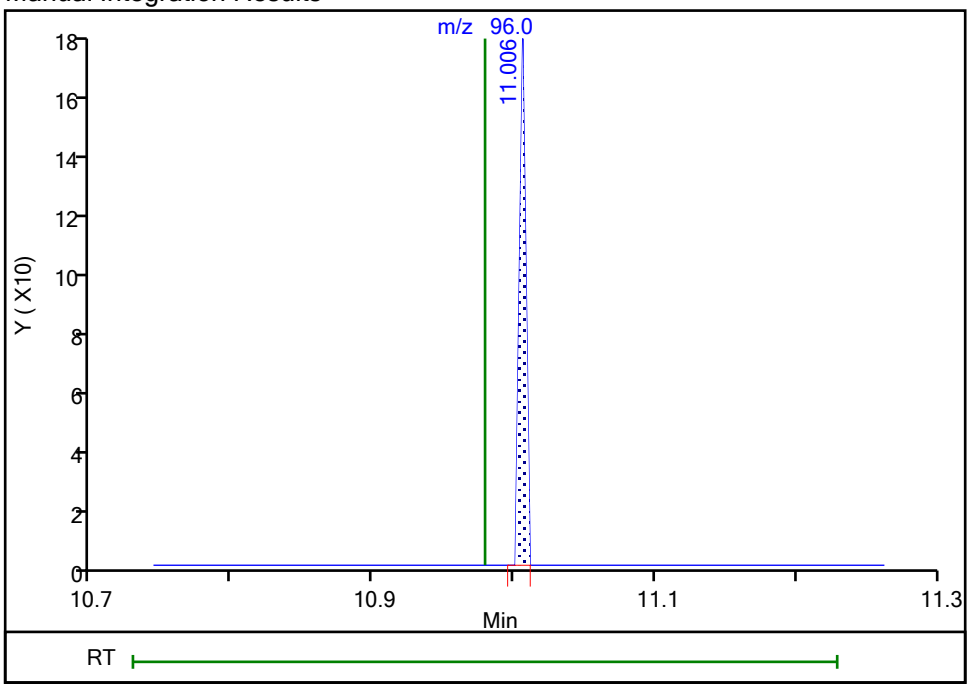
Not Detected
Expected RT: 10.98

Processing Integration Results



Manual Integration Results

RT: 11.01
Area: 55
Amount: 0.006203
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:07:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

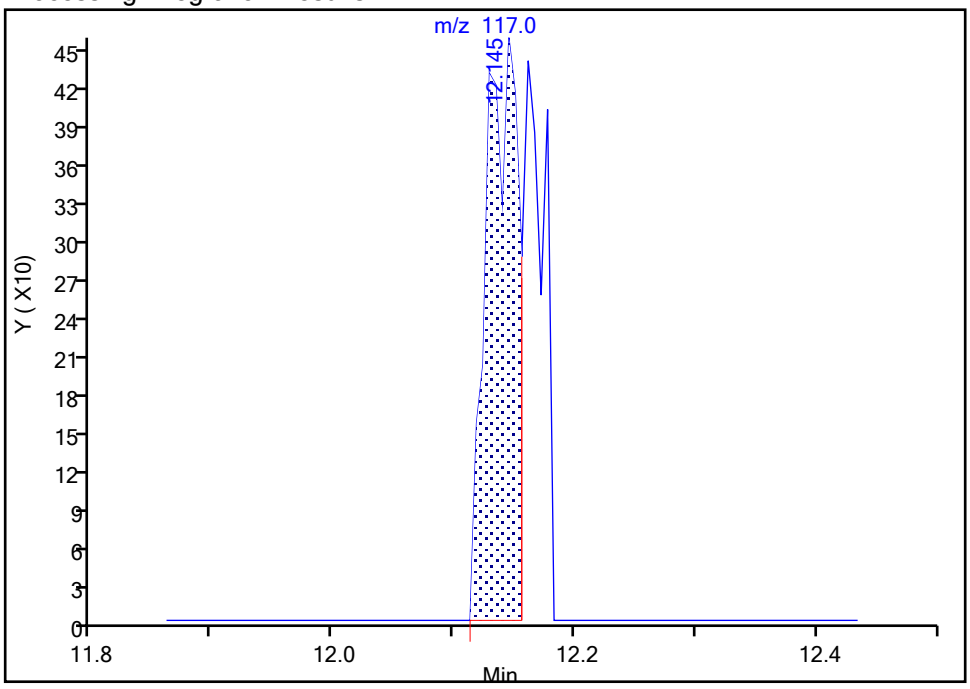
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

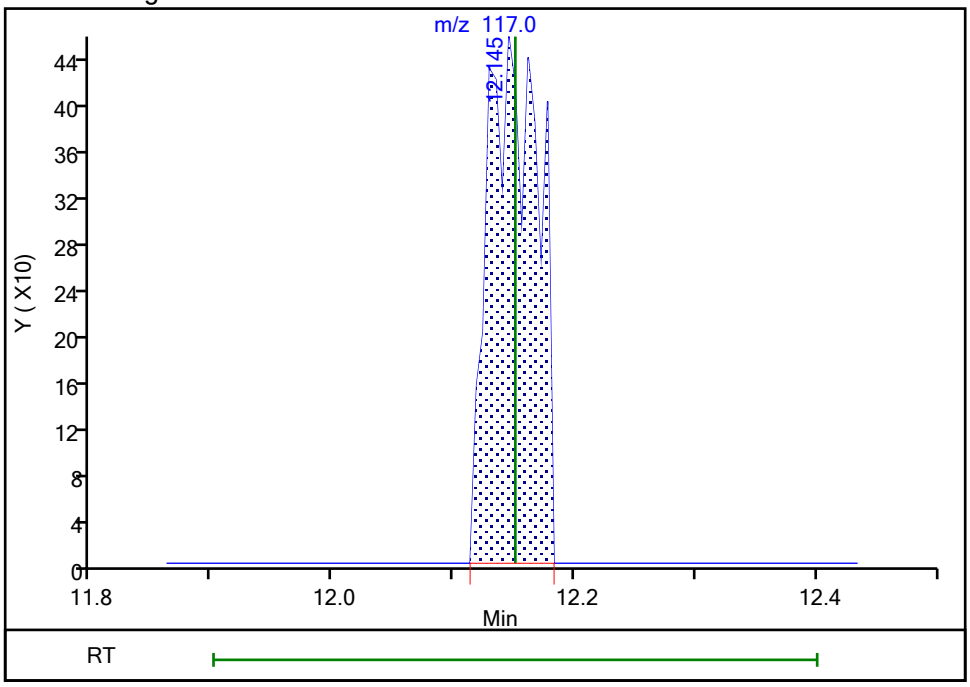
Processing Integration Results

RT: 12.15
Area: 856
Amount: 0.033233
Amount Units: ppb v/v



Manual Integration Results

RT: 12.15
Area: 1328
Amount: 0.047319
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:08:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

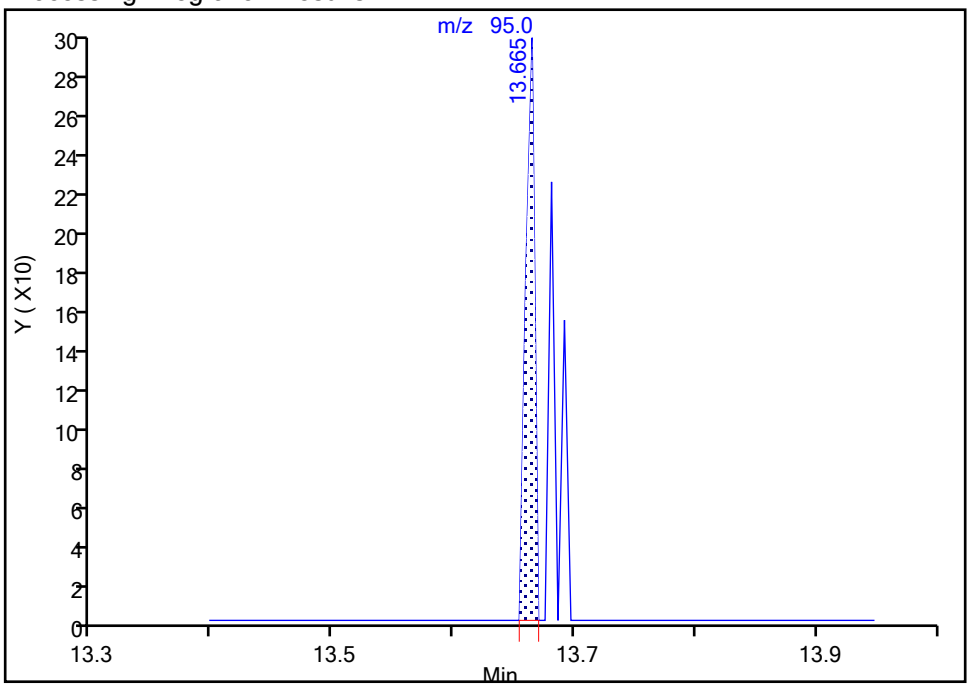
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

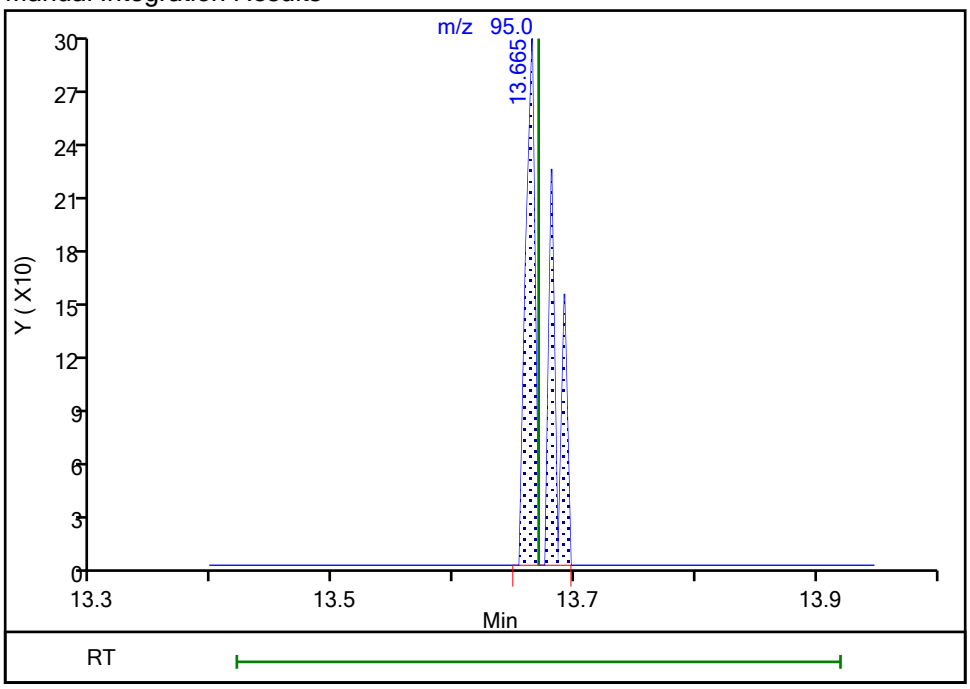
Processing Integration Results

RT: 13.66
Area: 151
Amount: 0.014416
Amount Units: ppb v/v



Manual Integration Results

RT: 13.66
Area: 271
Amount: 0.024582
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:08:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

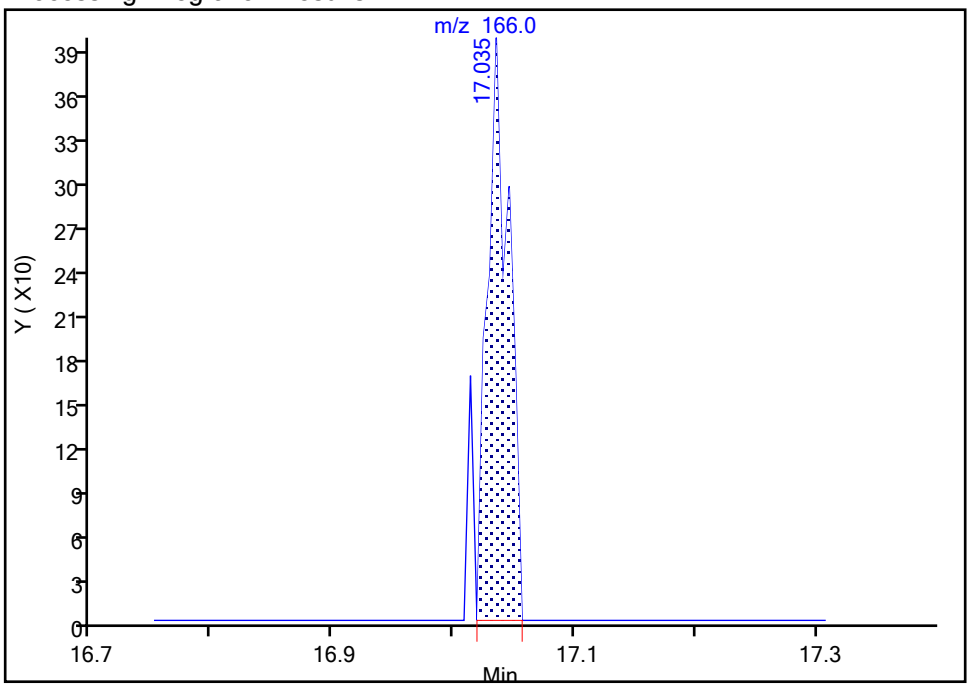
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 Tetrachloroethene, CAS: 127-18-4

Signal: 1

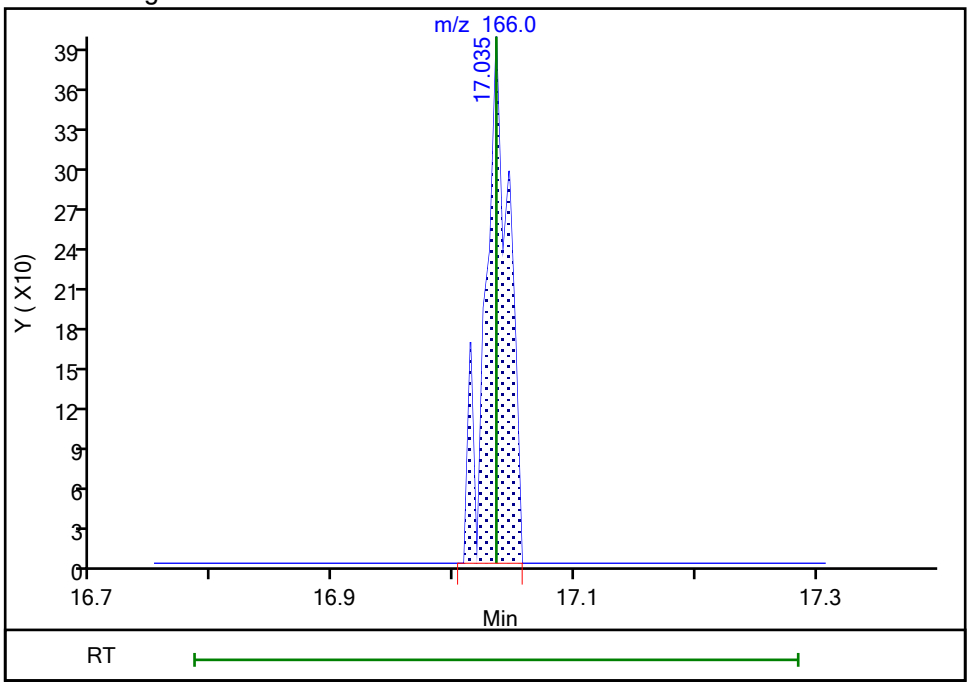
Processing Integration Results

RT: 17.03
Area: 491
Amount: 0.027097
Amount Units: ppb v/v



Manual Integration Results

RT: 17.03
Area: 545
Amount: 0.030546
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:09:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

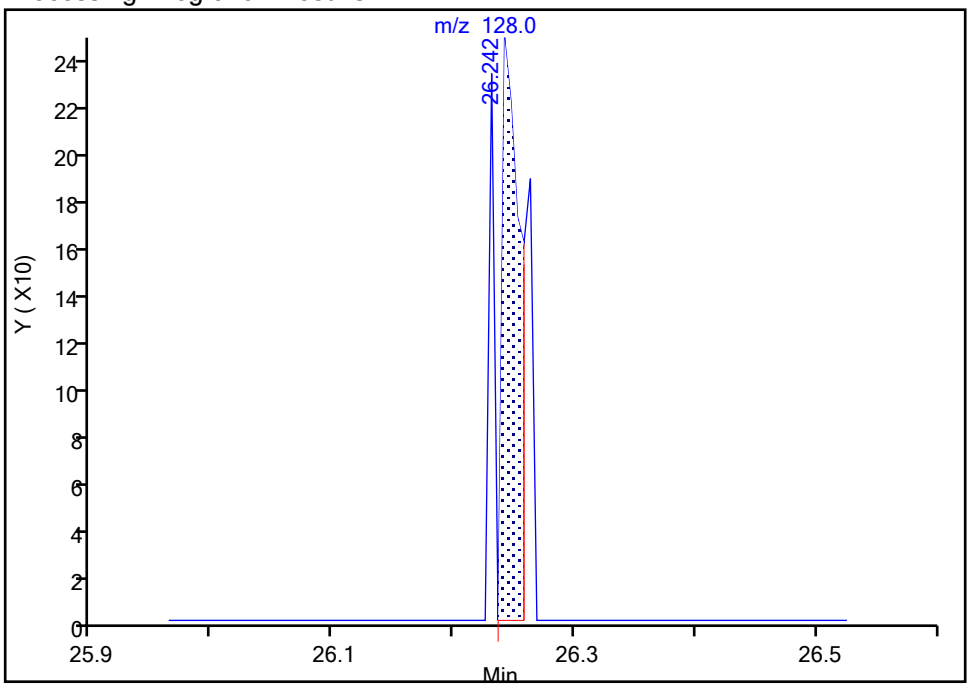
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-003.d				
Injection Date:	15-Sep-2021 17:54:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

102 Naphthalene, CAS: 91-20-3

Signal: 1

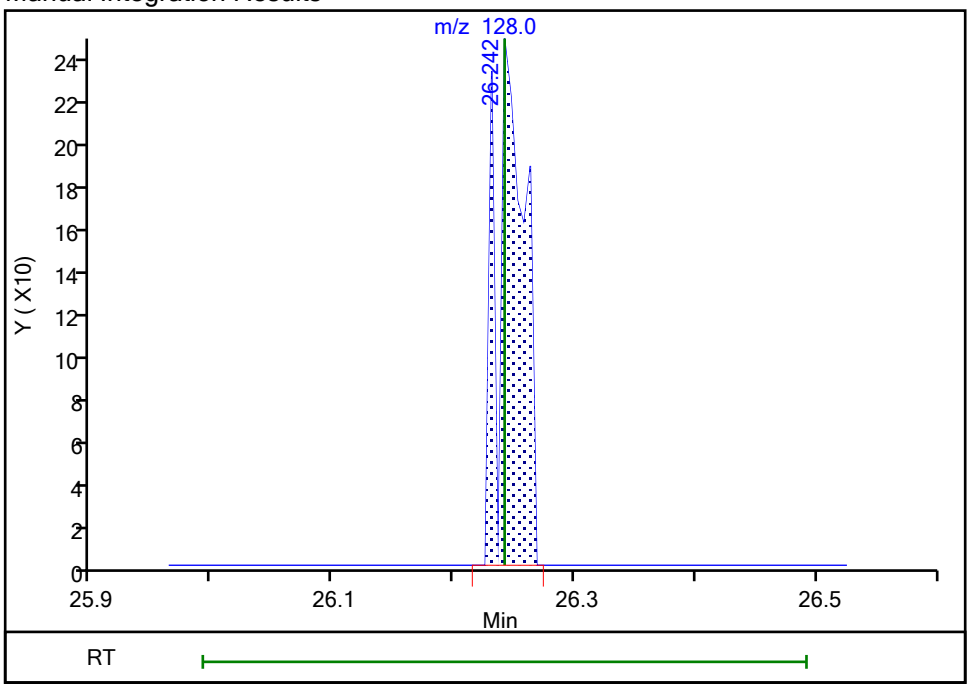
Processing Integration Results

RT: 26.24
Area: 253
Amount: 0.009528
Amount Units: ppb v/v



Manual Integration Results

RT: 26.24
Area: 386
Amount: 0.014957
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:31:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 15-Sep-2021 19:41:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-005
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:33:55 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: bourdeaut Date: 16-Sep-2021 08:14:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.137	4.137	0.000	94	4203	0.4648	0.6764	
2 Dichlorodifluoromethane	85	4.239	4.233	0.006	99	12603	0.4702	0.5200	
3 Chlorodifluoromethane	51	4.287	4.276	0.011	97	7769	0.4720	0.6160	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.602	4.597	0.005	89	12243	0.4689	0.5361	
5 Chloromethane	50	4.725	4.709	0.016	96	4003	0.4918	0.6133	
6 Vinyl chloride	62	5.025	5.019	0.006	74	4261	0.4680	0.5765	
7 Butane	43	5.036	5.030	0.006	98	6426	0.4666	0.5918	
8 Butadiene	54	5.148	5.143	0.006	95	3188	0.4558	0.5579	
9 Bromomethane	94	5.859	5.859	0.000	89	4026	0.4644	0.5517	
10 Chloroethane	64	6.143	6.132	0.011	39	2112	0.4680	0.5760	
11 2-Methylbutane	43	6.346	6.352	-0.006	91	4826	0.4702	0.6403	
13 Vinyl bromide	106	6.560	6.560	0.000	93	4025	0.4693	0.5464	
14 Trichlorofluoromethane	101	6.715	6.721	-0.006	98	12723	0.4756	0.5689	
15 Pentane	43	6.929	6.929	0.000	99	5318	0.4563	0.5266	
16 Ethanol	45	7.143	7.122	0.021	100	7980	4.51	4.19	
18 Ethyl ether	59	7.406	7.368	0.038	93	1809	0.4540	0.4586	
19 Acrolein	56	7.620	7.598	0.022	6	538	0.4378	0.2364	
20 1,1-Dichloroethene	96	7.785	7.785	0.000	59	3533	0.4630	0.5382	
21 112TCTFE	101	7.834	7.828	0.006	93	7399	0.4725	0.5176	
22 Acetone	43	7.941	7.887	0.054	98	6319	0.4612	0.7454	
24 Isopropyl alcohol	45	8.245	8.192	0.053	56	3424	0.4603	0.3987	
23 Carbon disulfide	76	8.192	8.197	-0.005	99	9062	0.4576	0.5424	M
25 Acetonitrile	41	8.417	8.374	0.043	20	1224	0.4459	0.3636	M
26 3-Chloro-1-propene	41	8.486	8.486	0.000	92	3989	0.4797	0.5833	
27 Methylene Chloride	49	8.711	8.716	-0.005	83	3454	0.4630	0.5490	
28 2-Methyl-2-propanol	59	9.027	8.968	0.059	96	5034	0.4855	0.4699	
29 Acrylonitrile	53	9.144	9.123	0.021	37	1118	0.4554	0.3450	M
30 trans-1,2-Dichloroethene	61	9.214	9.219	-0.005	93	3863	0.4594	0.4673	
31 Methyl tert-butyl ether	73	9.299	9.246	0.053	95	7711	0.4707	0.4586	
32 Hexane	57	9.733	9.727	0.006	83	4172	0.4770	0.5539	
33 1,1-Dichloroethane	63	9.979	9.984	-0.005	98	5774	0.4504	0.5599	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.022	10.000	0.022	98	5103	0.4680	0.4119	
S 35 1,2-Dichloroethene, Total	61				0		0.9143	1.05	
37 2-Butanone (MEK)	72	10.995	10.963	0.032	97	1093	0.4657	0.4842	
36 cis-1,2-Dichloroethene	96	10.974	10.979	-0.005	89	3262	0.4549	0.5799	
38 Ethyl acetate	88		11.038				ND	ND	
* 39 Chlorobromomethane	128	11.391	11.391	0.000	78	42969	10.0	10.0	
40 Tetrahydrofuran	42	11.498	11.450	0.048	82	2446	0.4500	0.4280	
41 Chloroform	83	11.568	11.567	0.001	93	6884	0.4549	0.4959	
42 1,1,1-Trichloroethane	97	11.878	11.872	0.006	91	7784	0.4590	0.4577	
43 Cyclohexane	84	12.012	12.017	-0.005	92	3305	0.4572	0.4197	M
44 Carbon tetrachloride	117	12.151	12.151	0.000	98	9764	0.4576	0.4487	
45 Benzene	78	12.498	12.504	-0.006	98	7530	0.4653	0.4340	
46 1,2-Dichloroethane	62	12.579	12.573	0.006	97	4530	0.4666	0.4713	
47 Isooctane	57	12.718	12.718	0.000	94	11291	0.4716	0.4596	
48 n-Heptane	43	13.017	13.028	-0.011	85	3956	0.4734	0.4376	
* 49 1,4-Difluorobenzene	114	13.242	13.237	0.005	94	200544	10.0	10.0	
50 n-Butanol	56	13.531	13.483	0.048	38	894	0.4301	0.2440	
51 Trichloroethene	95	13.670	13.670	0.000	93	4254	0.4743	0.4977	
53 1,2-Dichloropropane	63	14.119	14.130	-0.011	70	3076	0.4644	0.5045	
55 Methyl methacrylate	69	14.237	14.221	0.016	66	2516	0.4576	0.4399	
57 1,4-Dioxane	88	14.435	14.280	0.155	1	183	0.4765	0.0520	
56 Dibromomethane	174	14.291	14.290	0.001	87	5517	0.4639	0.4672	
58 Dichlorobromomethane	83	14.590	14.595	-0.005	93	6787	0.4761	0.4533	
60 cis-1,3-Dichloropropene	75	15.398	15.403	-0.005	91	4979	0.4680	0.4347	
61 4-Methyl-2-pentanone (MIBK)	43	15.724	15.671	0.053	90	4895	0.4612	0.3955	M
62 Toluene	92	16.045	16.045	0.000	94	5887	0.4576	0.4633	
63 n-Octane	43	16.297	16.297	0.000	78	5306	0.4653	0.4321	
64 trans-1,3-Dichloropropene	75	16.452	16.457	-0.005	93	4109	0.4450	0.3957	M
65 1,1,2-Trichloroethane	83	16.826	16.832	-0.006	90	3092	0.4720	0.5093	
66 Tetrachloroethene	166	17.030	17.035	-0.005	95	6385	0.4729	0.4426	
67 2-Hexanone	43	17.335	17.260	0.075	31	3709	0.4500	0.3818	M
68 Chlorodibromomethane	129	17.565	17.575	-0.010	97	7986	0.4360	0.4792	
69 Ethylene Dibromide	107	17.811	17.816	-0.005	97	5240	0.4779	0.4756	
* 70 Chlorobenzene-d5	117	18.720	18.725	-0.005	85	164370	10.0	10.0	
72 Chlorobenzene	112	18.790	18.784	0.006	89	8803	0.4725	0.4802	
73 Ethylbenzene	91	18.977	18.977	0.000	99	13434	0.4603	0.4743	
74 m-Xylene & p-Xylene	106	19.244	19.239	0.005	0	10257	0.9260	0.8911	
75 n-Nonane	57	19.303	19.309	-0.006	89	4743	0.4720	0.4332	
76 o-Xylene	106	20.009	20.015	-0.006	98	5063	0.4666	0.4565	M
77 Styrene	104	20.058	20.052	0.006	96	6480	0.4648	0.3924	
S 78 Xylenes, Total	106				0		1.39	1.35	
79 Bromoform	173	20.400	20.400	0.000	92	7342	0.4635	0.5275	
80 Isopropylbenzene	105	20.716	20.721	-0.005	97	13891	0.4698	0.4325	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.234	0.006	96	7450	0.4657	0.4749	
82 1,2,3-Trichloropropane	75	21.336	21.336	0.000	94	6059	0.4770	0.4848	
83 N-Propylbenzene	91	21.443	21.443	0.000	98	14428	0.4684	0.3915	
84 2-Chlorotoluene	91	21.582	21.587	-0.005	96	10476	0.4702	0.4372	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	11904	0.4653	0.3815	
86 1,3,5-Trimethylbenzene	105	21.732	21.737	-0.005	94	12323	0.4680	0.4371	
87 n-Decane	57	21.770	21.769	0.001	93	5073	0.4693	0.3779	
88 Alpha Methyl Styrene	118	22.058	22.064	-0.006	80	4442	0.4594	0.3065	
89 tert-Butylbenzene	119	22.219	22.219	0.000	92	12144	0.4666	0.4152	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	97	11070	0.4684	0.3889	
91 sec-Butylbenzene	105	22.545	22.545	0.000	97	16171	0.4711	0.3995	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	93	5976	0.4765	0.3075	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	97	13761	0.4644	0.3809	
94 1,4-Dichlorobenzene	146	22.856	22.855	0.001	96	5281	0.4716	0.2987	
95 Benzyl chloride	91	23.000	23.005	-0.005	97	5397	0.4765	0.2860	
96 n-Butylbenzene	91	23.310	23.315	-0.005	97	9572	0.4680	0.3363	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	93	6853	0.4702	0.3415	
98 Undecane	57	23.465	23.465	0.000	91	4210	0.4711	0.2625	
99 Dodecane	57	25.044	25.038	0.006	92	2056	0.4216	0.1499	
100 1,2,4-Trichlorobenzene	180	25.760	25.766	-0.006	86	1954	0.4891	0.1782	
101 Hexachlorobutadiene	225	26.006	26.012	-0.006	96	8979	0.4621	0.3503	
102 Naphthalene	128	26.242	26.242	0.000	98	3884	0.4378	0.1862	
103 1,2,3-Trichlorobenzene	180	26.648	26.654	-0.006	95	2559	0.4108	0.1892	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL2w_00305	Amount Added: 180.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

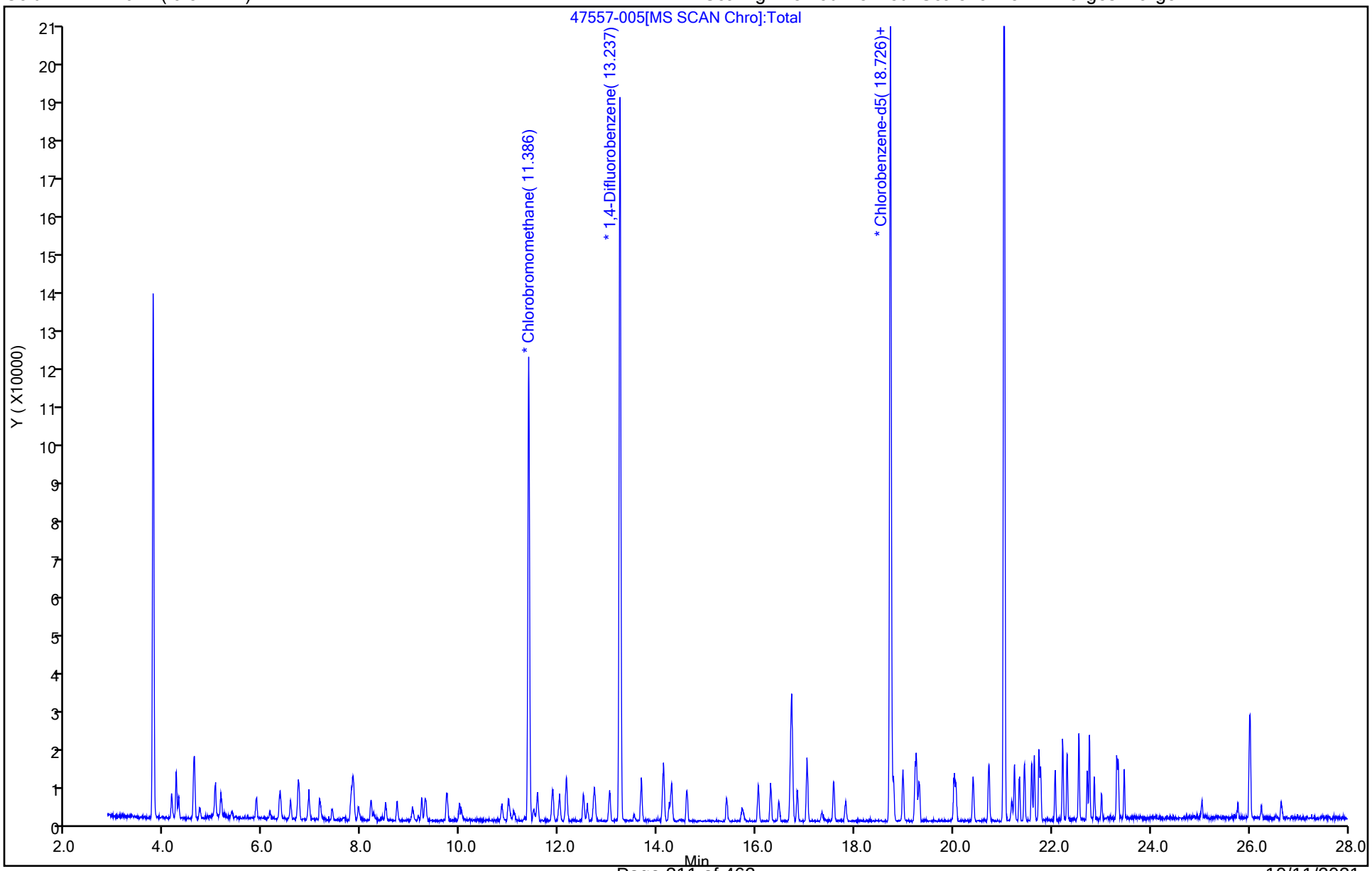
Report Date: 16-Sep-2021 14:33:56 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d

Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

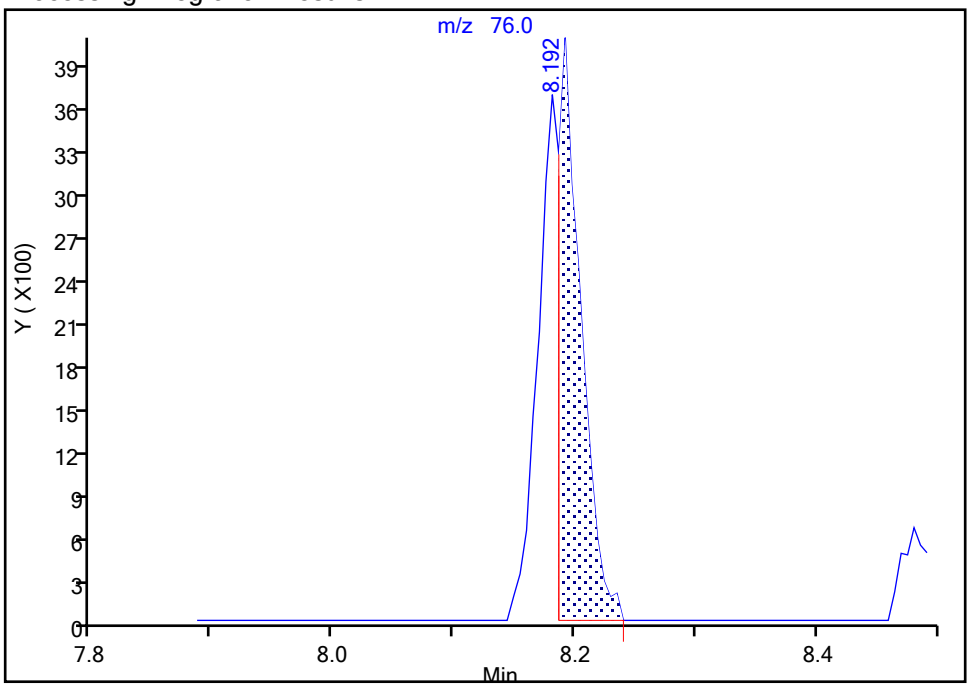
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

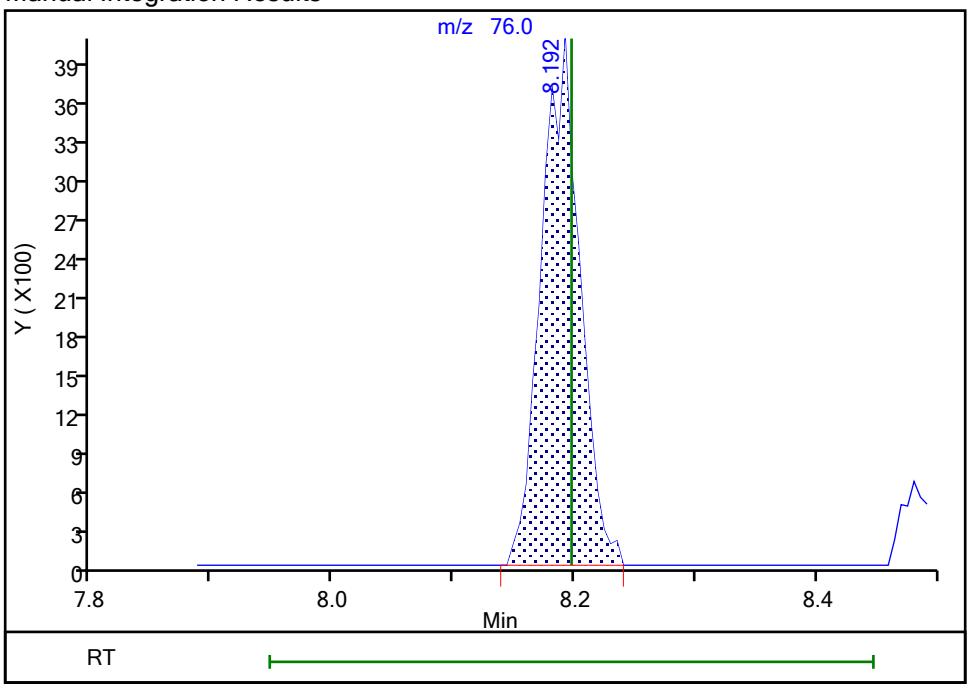
Processing Integration Results

RT: 8.19
Area: 5434
Amount: 0.336257
Amount Units: ppb v/v



Manual Integration Results

RT: 8.19
Area: 9062
Amount: 0.542381
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:13:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

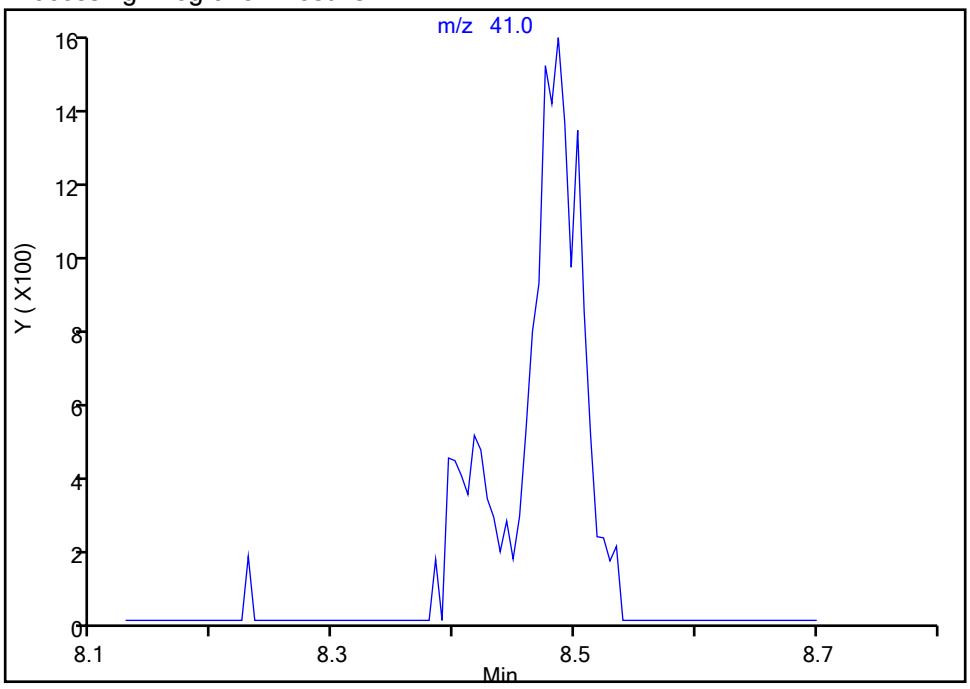
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

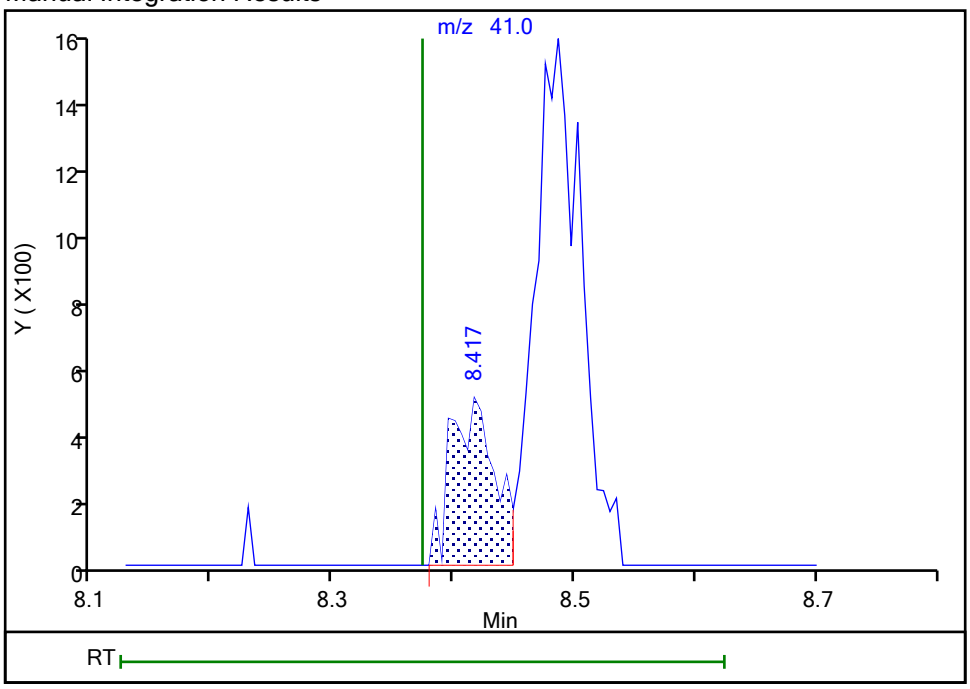
Not Detected
Expected RT: 8.37

Processing Integration Results



Manual Integration Results

RT: 8.42
Area: 1224
Amount: 0.363566
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:14:35
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins TestAmerica, Burlington

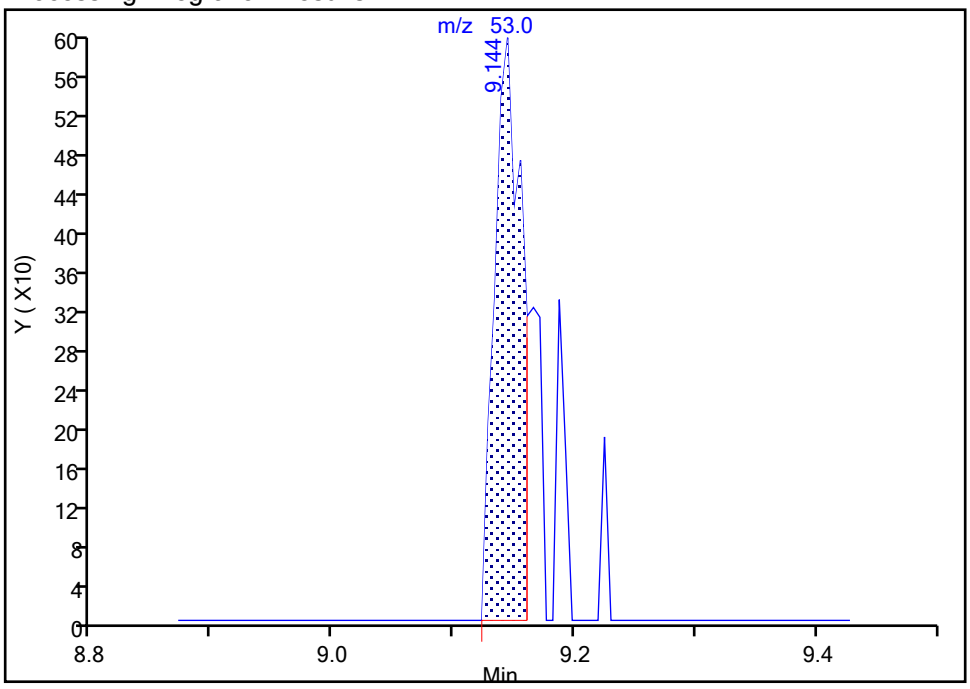
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

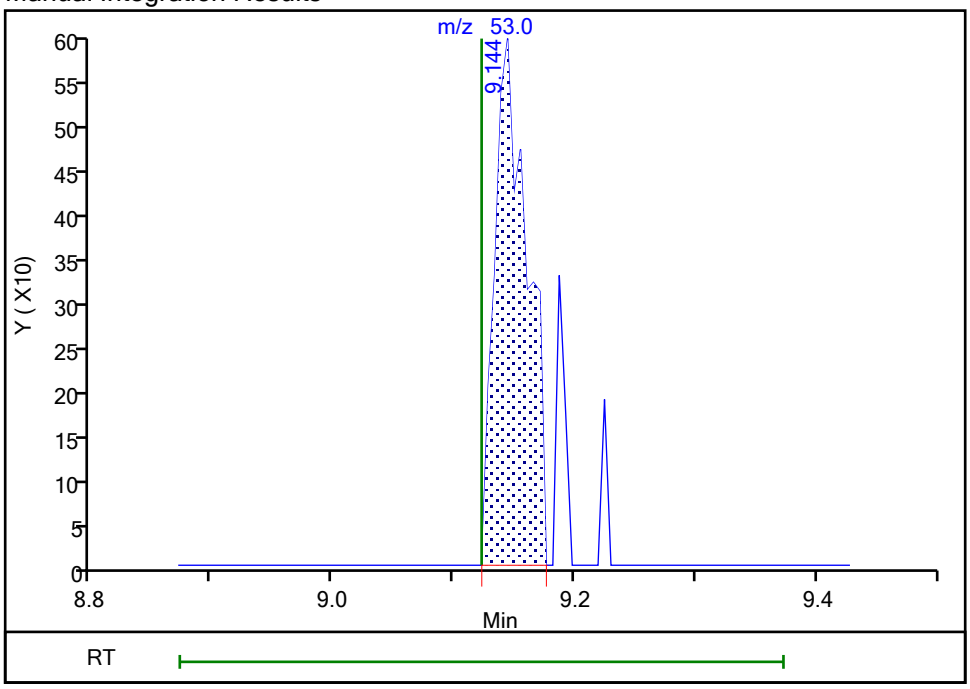
Processing Integration Results

RT: 9.14
Area: 917
Amount: 0.333689
Amount Units: ppb v/v



Manual Integration Results

RT: 9.14
Area: 1118
Amount: 0.344990
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:14:46
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

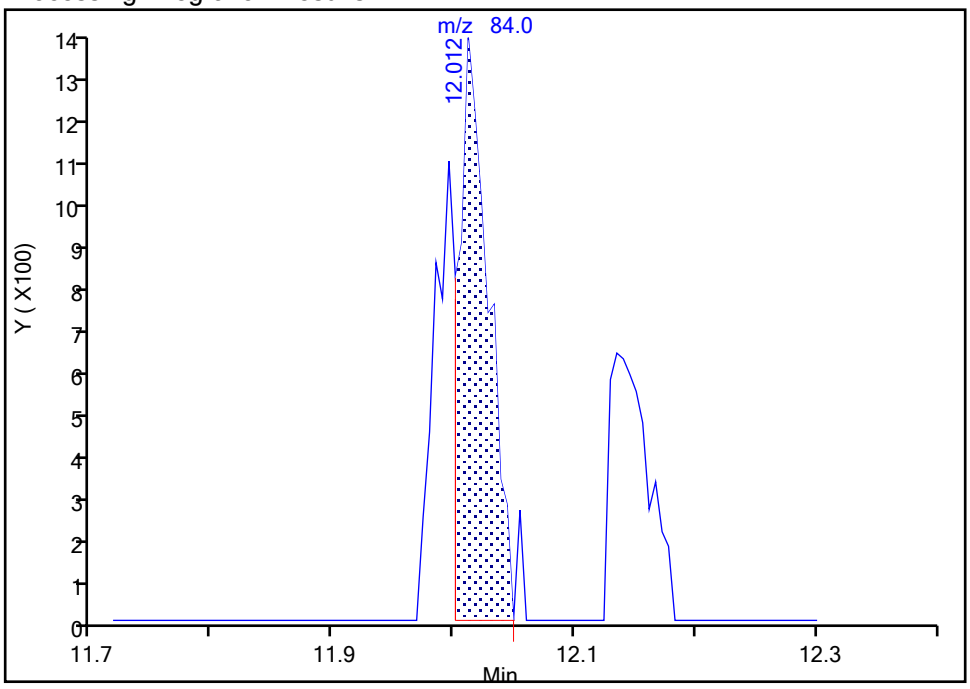
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

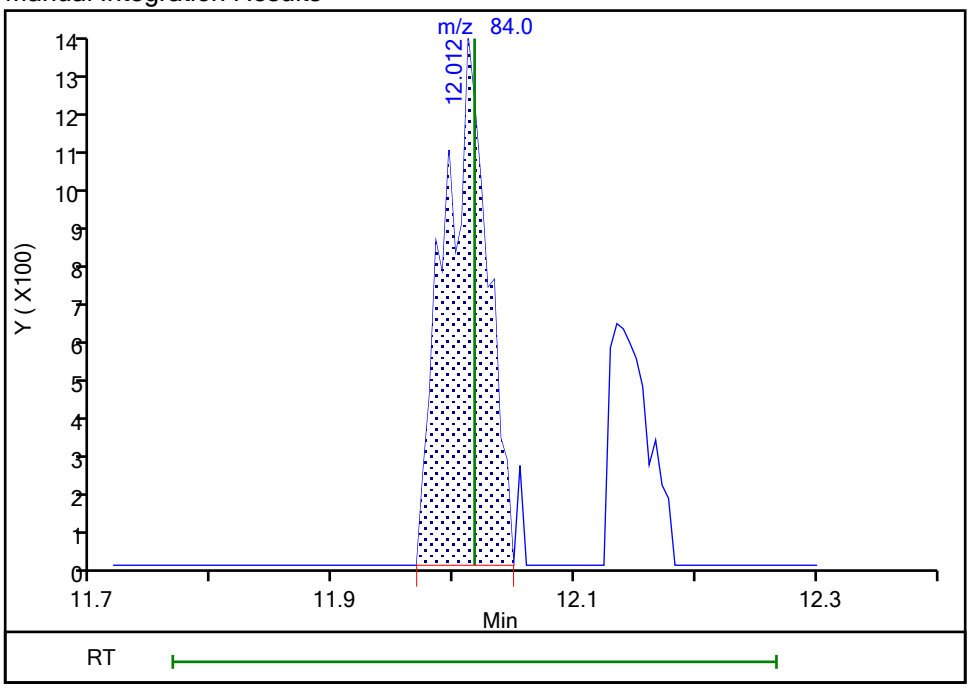
Processing Integration Results

RT: 12.01
Area: 2265
Amount: 0.300756
Amount Units: ppb v/v



Manual Integration Results

RT: 12.01
Area: 3305
Amount: 0.419689
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:15:32

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington

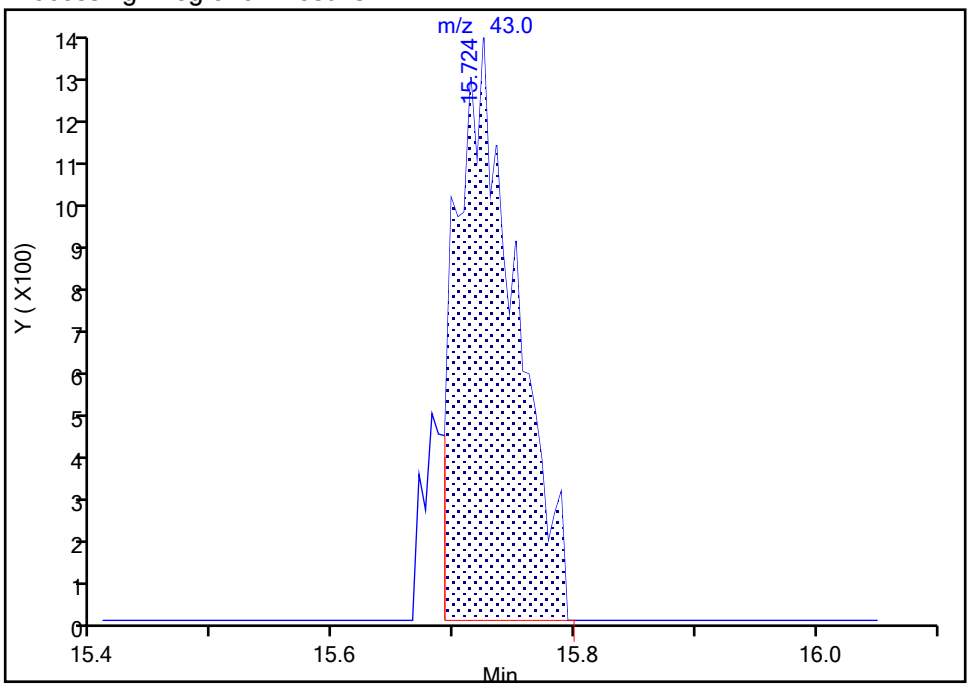
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

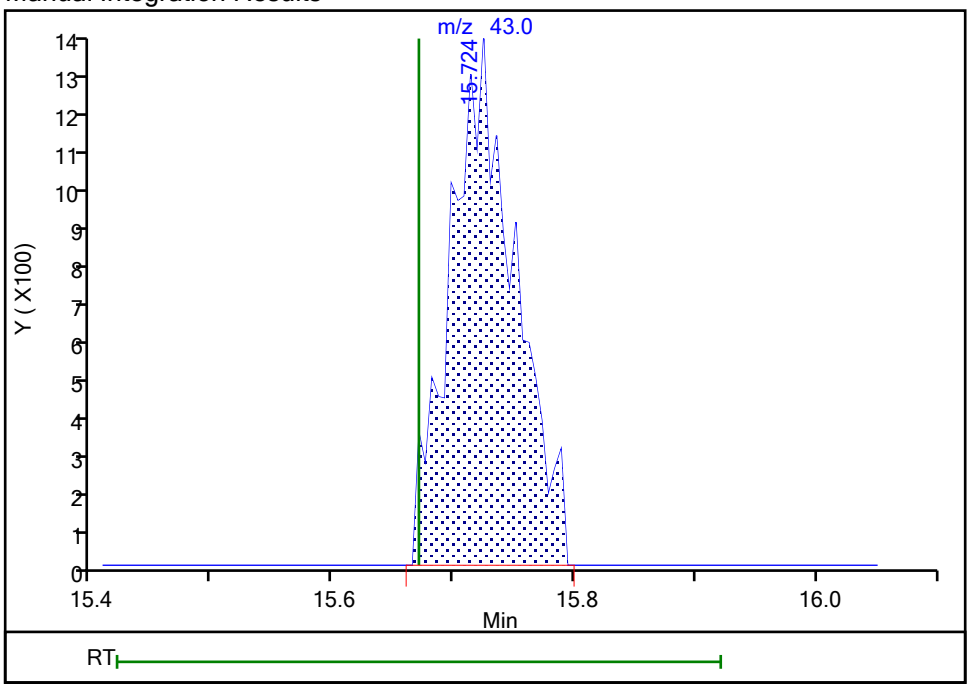
Processing Integration Results

RT: 15.72
Area: 4425
Amount: 0.405025
Amount Units: ppb v/v



Manual Integration Results

RT: 15.72
Area: 4895
Amount: 0.395453
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:16:21
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington

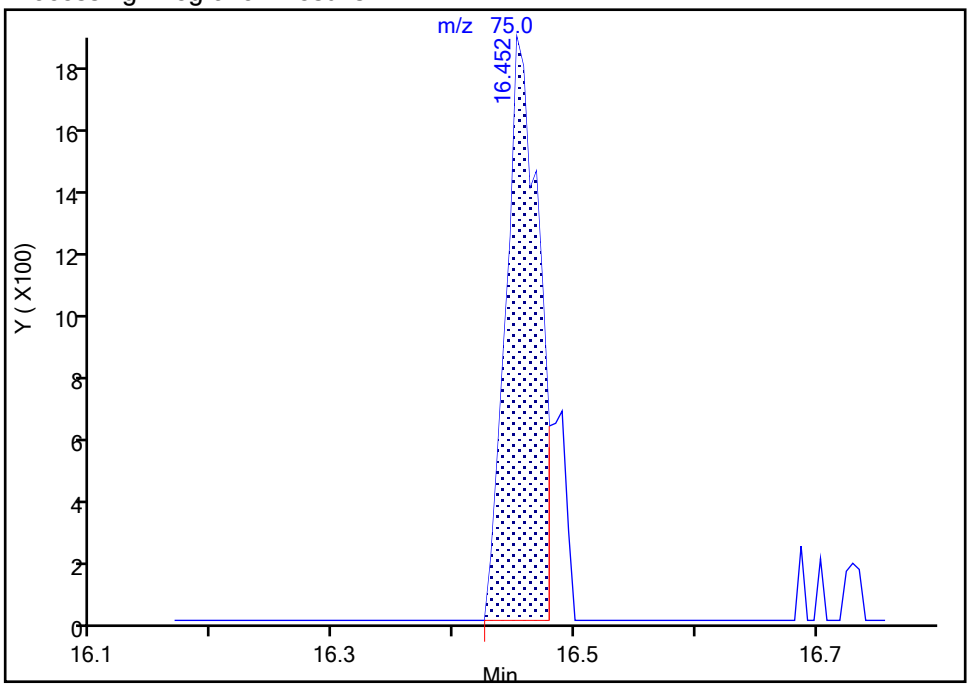
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

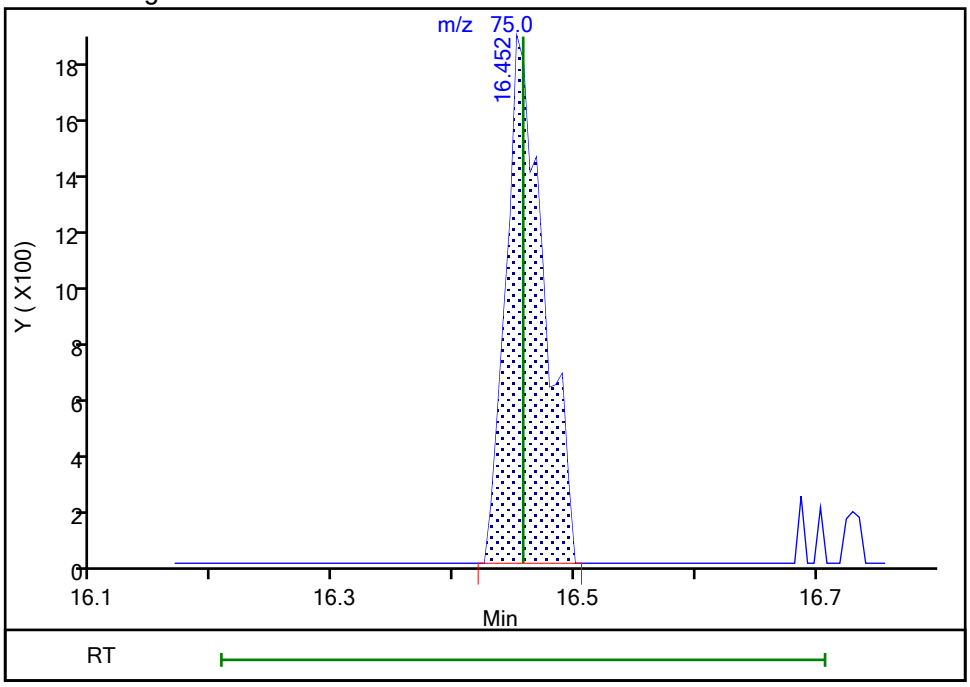
Processing Integration Results

RT: 16.45
Area: 3591
Amount: 0.348802
Amount Units: ppb v/v



Manual Integration Results

RT: 16.45
Area: 4109
Amount: 0.395712
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:16:29
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington

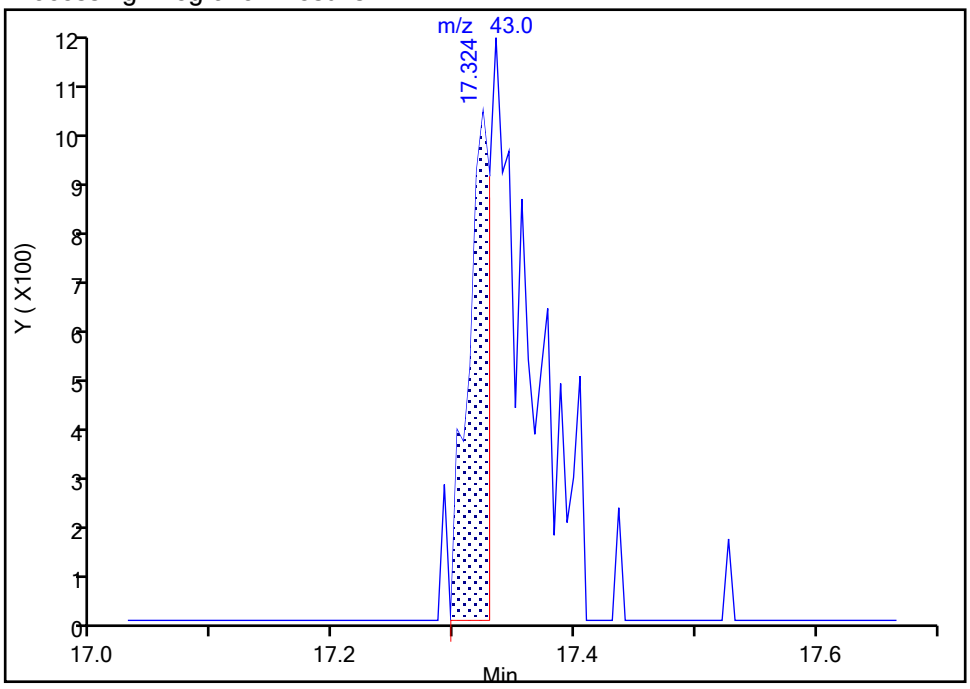
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 2-Hexanone, CAS: 591-78-6

Signal: 1

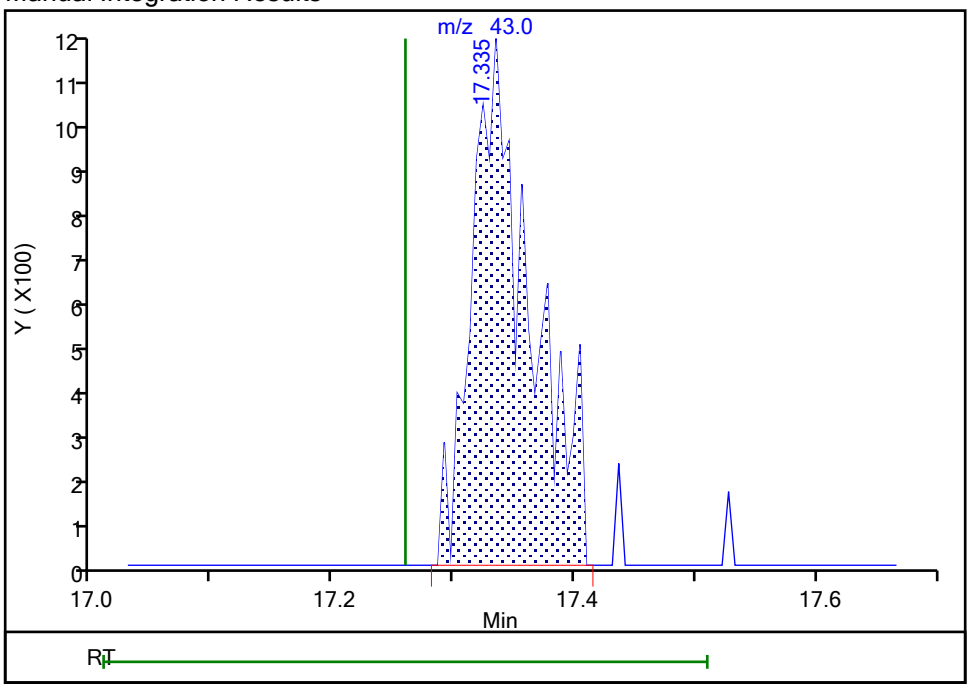
Processing Integration Results

RT: 17.32
Area: 1229
Amount: 0.142908
Amount Units: ppb v/v



Manual Integration Results

RT: 17.33
Area: 3709
Amount: 0.381829
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:16:36
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington

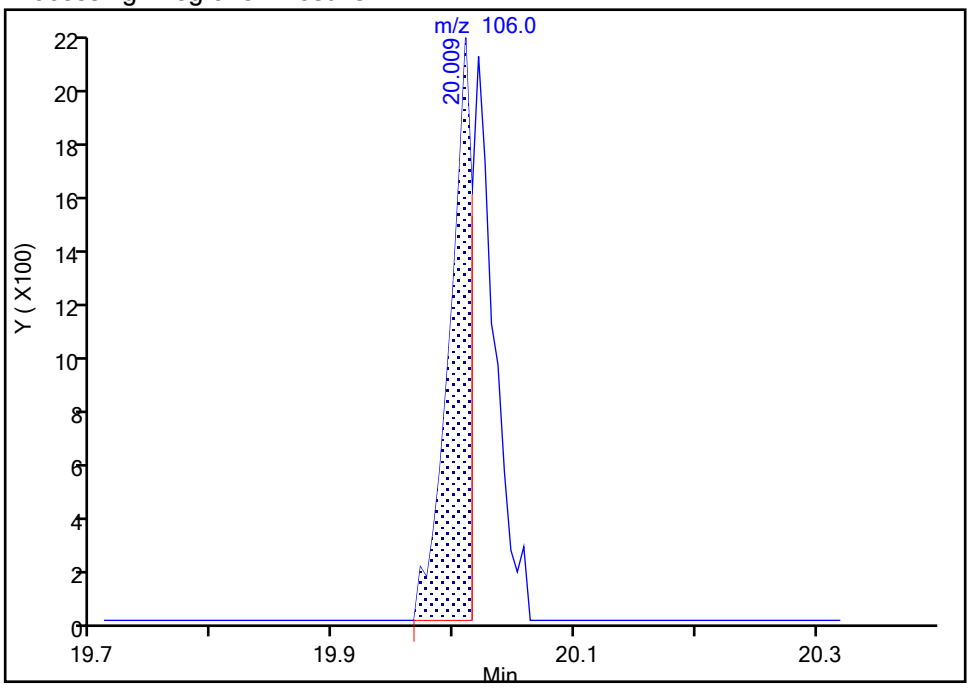
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-005.d				
Injection Date:	15-Sep-2021 19:41:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

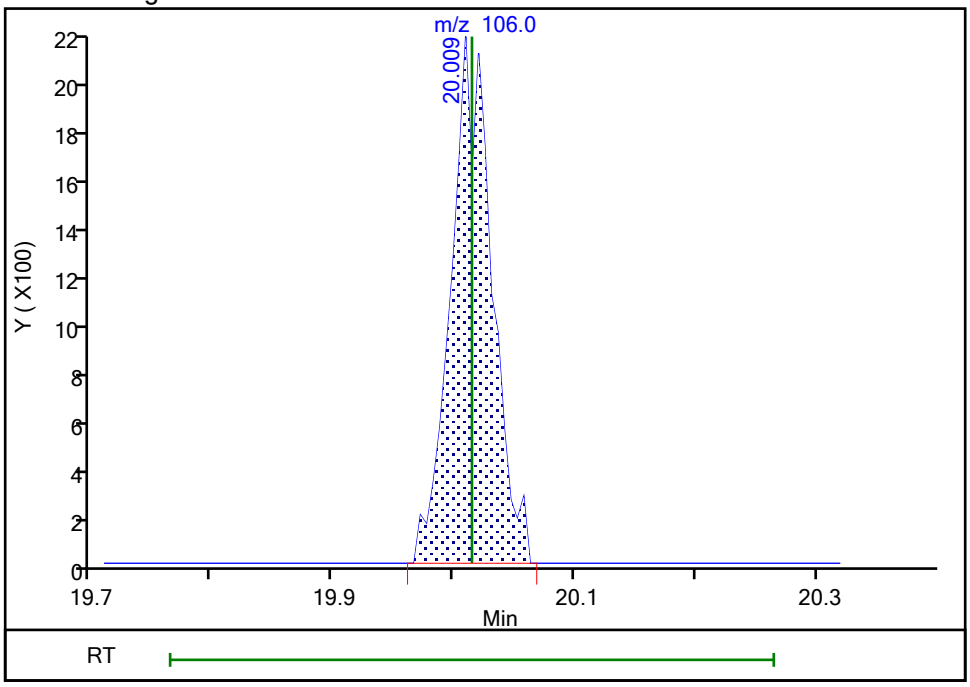
Processing Integration Results

RT: 20.01
Area: 2792
Amount: 0.264691
Amount Units: ppb v/v



Manual Integration Results

RT: 20.01
Area: 5063
Amount: 0.456480
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 08:16:48
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-006.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-Sep-2021 20:34:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-006
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:33:57 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: bourdeaut Date: 16-Sep-2021 08:18:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.153	4.137	0.016	99	34681	4.64	5.57	
2 Dichlorodifluoromethane	85	4.244	4.233	0.011	99	123582	4.69	5.09	
3 Chlorodifluoromethane	51	4.286	4.276	0.010	97	64586	4.71	5.11	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.607	4.597	0.010	94	114254	4.68	5.00	
5 Chloromethane	50	4.720	4.709	0.011	99	33413	4.91	5.11	
6 Vinyl chloride	62	5.035	5.019	0.016	96	41929	4.67	5.66	
7 Butane	43	5.041	5.030	0.011	98	56729	4.66	5.22	
8 Butadiene	54	5.158	5.143	0.016	95	30150	4.55	5.27	
9 Bromomethane	94	5.870	5.859	0.011	98	39037	4.63	5.34	
10 Chloroethane	64	6.137	6.132	0.005	99	18874	4.67	5.14	
11 2-Methylbutane	43	6.357	6.352	0.005	89	39372	4.69	5.22	
13 Vinyl bromide	106	6.560	6.560	0.000	98	39892	4.68	5.41	
14 Trichlorofluoromethane	101	6.726	6.721	0.005	98	121319	4.74	5.42	
15 Pentane	43	6.935	6.929	0.006	99	52693	4.55	5.21	
16 Ethanol	45	7.127	7.122	0.005	98	19115	8.99	10.0	
18 Ethyl ether	59	7.384	7.368	0.016	93	21485	4.53	5.44	
19 Acrolein	56	7.614	7.598	0.016	95	11670	4.37	5.12	
20 1,1-Dichloroethene	96	7.791	7.785	0.006	98	34716	4.62	5.28	
21 112TCTFE	101	7.833	7.828	0.005	92	78554	4.71	5.49	
22 Acetone	43	7.903	7.887	0.016	98	45585	4.60	5.37	
24 Isopropyl alcohol	45	8.208	8.192	0.016	63	45721	4.59	5.32	
23 Carbon disulfide	76	8.197	8.197	0.000	100	90154	4.57	5.39	
25 Acetonitrile	41	8.384	8.374	0.010	99	17550	4.45	5.20	
26 3-Chloro-1-propene	41	8.491	8.486	0.005	100	36822	4.79	5.38	
27 Methylene Chloride	49	8.721	8.716	0.005	91	31906	4.62	5.06	
28 2-Methyl-2-propanol	59	9.000	8.968	0.032	95	59461	4.84	5.54	
29 Acrylonitrile	53	9.128	9.123	0.005	95	18110	4.54	5.58	
30 trans-1,2-Dichloroethene	61	9.219	9.219	0.000	98	45211	4.58	5.46	
31 Methyl tert-butyl ether	73	9.256	9.246	0.010	97	90954	4.70	5.40	
32 Hexane	57	9.732	9.727	0.005	88	40446	4.76	5.36	
33 1,1-Dichloroethane	63	9.989	9.984	0.005	99	51493	4.49	4.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.000	10.000	0.000	100	65754	4.67	5.30	
S 35 1,2-Dichloroethene, Total	61				0		9.12	10.9	
37 2-Butanone (MEK)	72	10.979	10.963	0.016	99	12762	4.65	5.64	
36 cis-1,2-Dichloroethene	96	10.979	10.979	0.000	92	30902	4.54	5.48	
38 Ethyl acetate	88	11.054	11.038	0.016	100	2560	4.55	5.26	
* 39 Chlorobromomethane	128	11.391	11.391	0.000	78	43038	10.0	10.0	
40 Tetrahydrofuran	42	11.460	11.450	0.010	87	25576	4.49	5.37	
41 Chloroform	83	11.573	11.567	0.006	97	67614	4.54	4.86	
42 1,1,1-Trichloroethane	97	11.872	11.872	0.000	95	72817	4.58	5.13	
43 Cyclohexane	84	12.011	12.017	-0.006	93	32665	4.56	4.97	
44 Carbon tetrachloride	117	12.156	12.151	0.005	97	84385	4.57	4.65	
45 Benzene	78	12.498	12.504	-0.006	97	74641	4.64	5.16	
46 1,2-Dichloroethane	62	12.579	12.573	0.006	98	44574	4.66	5.56	
47 Isooctane	57	12.718	12.718	0.000	96	110895	4.70	5.41	
48 n-Heptane	43	13.033	13.028	0.005	91	42786	4.72	5.67	
* 49 1,4-Difluorobenzene	114	13.242	13.237	0.005	94	167264	10.0	10.0	
50 n-Butanol	56	13.493	13.483	0.010	92	14419	4.29	4.72	
51 Trichloroethene	95	13.675	13.670	0.005	97	37851	4.73	5.31	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	66	25995	4.63	5.11	
55 Methyl methacrylate	69	14.226	14.221	0.005	92	25094	4.57	5.26	
57 1,4-Dioxane	88	14.290	14.280	0.010	43	15646	4.75	5.33	
56 Dibromomethane	174	14.285	14.290	-0.005	88	46683	4.63	4.74	
58 Dichlorobromomethane	83	14.595	14.595	0.000	99	66445	4.75	5.32	
60 cis-1,3-Dichloropropene	75	15.403	15.403	0.000	97	47145	4.67	4.94	
61 4-Methyl-2-pentanone (MIBK)	43	15.687	15.671	0.016	97	54703	4.60	5.30	
62 Toluene	92	16.045	16.045	0.000	94	56362	4.57	5.01	
63 n-Octane	43	16.297	16.297	0.000	88	58167	4.64	5.68	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	98	43463	4.44	5.02	
65 1,1,2-Trichloroethane	83	16.832	16.832	0.000	97	26859	4.71	5.00	
66 Tetrachloroethene	166	17.029	17.035	-0.006	94	64724	4.72	5.07	
67 2-Hexanone	43	17.276	17.260	0.016	93	46777	4.49	5.44	
68 Chlorodibromomethane	129	17.570	17.575	-0.005	97	71452	4.35	4.84	
69 Ethylene Dibromide	107	17.811	17.816	-0.005	97	52512	4.77	5.38	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	86	145517	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	94	78953	4.71	4.86	
73 Ethylbenzene	91	18.982	18.977	0.005	98	125695	4.59	5.01	
74 m-Xylene & p-Xylene	106	19.244	19.239	0.005	0	106793	9.24	10.5	
75 n-Nonane	57	19.303	19.309	-0.006	86	55915	4.71	5.77	
76 o-Xylene	106	20.015	20.015	0.000	98	51637	4.66	5.26	
77 Styrene	104	20.057	20.052	0.005	98	78269	4.64	5.35	
S 78 Xylenes, Total	106				0		13.9	15.7	
79 Bromoform	173	20.400	20.400	0.000	97	64765	4.62	5.26	
80 Isopropylbenzene	105	20.721	20.721	0.000	97	153459	4.69	5.40	
81 1,1,2,2-Tetrachloroethane	83	21.234	21.234	0.000	98	70378	4.65	5.07	
82 1,2,3-Trichloropropane	75	21.341	21.336	0.005	95	59121	4.76	5.34	
83 N-Propylbenzene	91	21.443	21.443	0.000	99	176853	4.67	5.42	
84 2-Chlorotoluene	91	21.587	21.587	0.000	97	111189	4.69	5.24	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	147914	4.64	5.35	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	93	134595	4.67	5.39	
87 n-Decane	57	21.769	21.769	0.000	94	72038	4.68	6.06	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	88	66013	4.58	5.15	
89 tert-Butylbenzene	119	22.219	22.219	0.000	93	134583	4.66	5.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	98	132141	4.67	5.24	
91 sec-Butylbenzene	105	22.545	22.545	0.000	98	192129	4.70	5.36	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	96	85733	4.75	4.98	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	169979	4.63	5.31	
94 1,4-Dichlorobenzene	146	22.855	22.855	0.000	96	75812	4.70	4.84	
95 Benzyl chloride	91	23.005	23.005	0.000	99	82504	4.75	4.94	
96 n-Butylbenzene	91	23.315	23.315	0.000	97	136275	4.67	5.41	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	97	87073	4.69	4.90	
98 Undecane	57	23.465	23.465	0.000	95	71842	4.70	5.06	
99 Dodecane	57	25.038	25.038	0.000	93	50739	4.21	4.18	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	94	43788	4.88	4.51	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	96	105754	4.61	4.66	
102 Naphthalene	128	26.242	26.242	0.000	99	86249	4.37	4.67	
103 1,2,3-Trichlorobenzene	180	26.648	26.654	-0.006	94	43992	4.10	3.67	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00238	Amount Added: 180.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

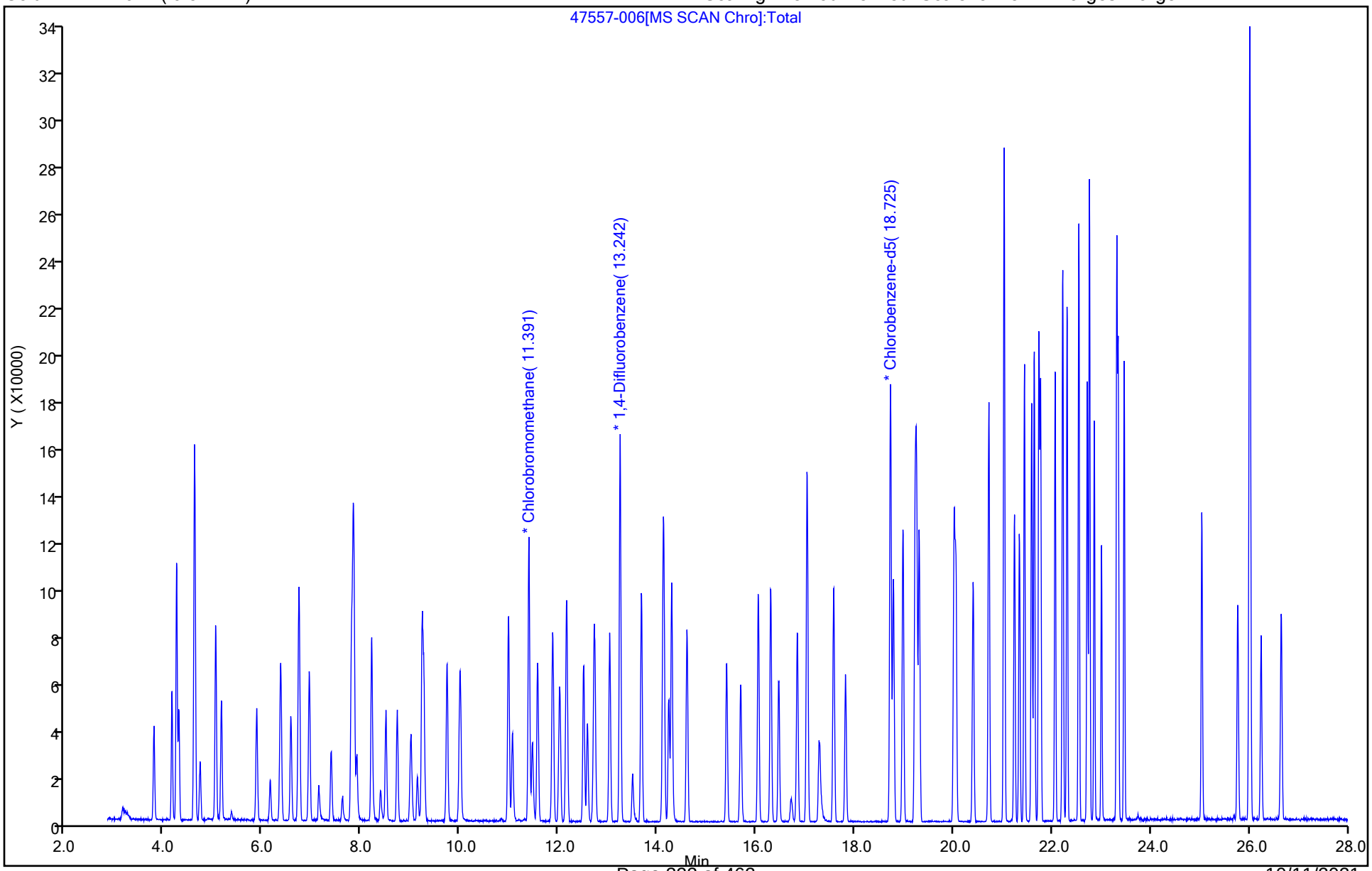
Report Date: 16-Sep-2021 14:33:58 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-006.d

Injection Date:	15-Sep-2021 20:34:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-008.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-Sep-2021 22:21:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-008
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:33:59 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: bourdeaut Date: 16-Sep-2021 08:19:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.126	4.126	0.000	99	125290	15.5	14.2	
2 Dichlorodifluoromethane	85	4.217	4.217	0.000	99	450033	15.7	13.1	
3 Chlorodifluoromethane	51	4.265	4.265	0.000	97	239927	15.7	13.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.581	4.581	0.000	93	426260	15.6	13.2	
5 Chloromethane	50	4.693	4.693	0.000	98	126331	16.4	13.7	
6 Vinyl chloride	62	5.009	5.009	0.000	98	151515	15.6	14.5	
7 Butane	43	5.014	5.014	0.000	98	199578	15.5	13.0	
8 Butadiene	54	5.127	5.127	0.000	95	110429	15.2	13.6	
9 Bromomethane	94	5.843	5.843	0.000	98	151602	15.5	14.7	
10 Chloroethane	64	6.127	6.127	0.000	100	70690	15.6	13.6	
11 2-Methylbutane	43	6.341	6.341	0.000	90	144222	15.7	13.5	
13 Vinyl bromide	106	6.544	6.544	0.000	98	152625	15.6	14.6	
14 Trichlorofluoromethane	101	6.710	6.710	0.000	98	447544	15.8	14.1	
15 Pentane	43	6.919	6.919	0.000	99	196440	15.2	13.7	
16 Ethanol	45	7.106	7.106	0.000	98	59570	22.5	22.1	
18 Ethyl ether	59	7.352	7.352	0.000	95	83944	15.1	15.0	
19 Acrolein	56	7.587	7.587	0.000	96	46709	14.6	14.5	
20 1,1-Dichloroethene	96	7.780	7.780	0.000	97	138452	15.4	14.9	
21 112TCTFE	101	7.823	7.823	0.000	92	295480	15.7	14.6	
22 Acetone	43	7.871	7.871	0.000	99	163907	15.4	13.6	
24 Isopropyl alcohol	45	8.176	8.176	0.000	100	178420	15.3	14.7	
23 Carbon disulfide	76	8.187	8.187	0.000	100	338461	15.2	14.3	
25 Acetonitrile	41	8.363	8.363	0.000	98	65316	14.8	13.7	
26 3-Chloro-1-propene	41	8.481	8.481	0.000	99	135381	16.0	14.0	
27 Methylene Chloride	49	8.711	8.711	0.000	89	116414	15.4	13.1	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	223133	16.2	14.7	
29 Acrylonitrile	53	9.117	9.117	0.000	95	66173	15.2	14.4	
30 trans-1,2-Dichloroethene	61	9.219	9.219	0.000	96	162333	15.3	13.9	
31 Methyl tert-butyl ether	73	9.230	9.230	0.000	96	344654	15.7	14.5	
32 Hexane	57	9.722	9.722	0.000	90	152678	15.9	14.3	
33 1,1-Dichloroethane	63	9.984	9.984	0.000	99	192097	15.0	13.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	9.995	9.995	0.000	99	245925	15.6	14.0	
S 35 1,2-Dichloroethene, Total	61				0		30.4	29.7	
37 2-Butanone (MEK)	72	10.958	10.958	0.000	99	53506	15.5	16.7	
36 cis-1,2-Dichloroethene	96	10.974	10.974	0.000	91	126127	15.1	15.8	
38 Ethyl acetate	88	11.038	11.038	0.000	99	9721	15.2	14.1	
* 39 Chlorobromomethane	128	11.386	11.386	0.000	75	60907	10.0	10.0	
40 Tetrahydrofuran	42	11.439	11.439	0.000	87	102175	15.0	13.0	
41 Chloroform	83	11.568	11.568	0.000	96	268883	15.1	13.7	
42 1,1,1-Trichloroethane	97	11.873	11.873	0.000	94	322170	15.3	13.8	
43 Cyclohexane	84	12.017	12.017	0.000	94	154993	15.2	14.3	
44 Carbon tetrachloride	117	12.156	12.156	0.000	97	373273	15.2	12.5	
45 Benzene	78	12.498	12.498	0.000	95	342952	15.5	14.4	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	99	179319	15.5	13.6	
47 Isooctane	57	12.718	12.718	0.000	97	499442	15.7	14.8	
48 n-Heptane	43	13.023	13.023	0.000	91	172114	15.8	13.9	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	93	275644	10.0	10.0	
50 n-Butanol	56	13.477	13.477	0.000	89	66295	14.3	13.2	
51 Trichloroethene	95	13.670	13.670	0.000	96	186693	15.8	15.9	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	85	116474	15.5	13.9	
55 Methyl methacrylate	69	14.221	14.221	0.000	97	119612	15.2	15.2	
57 1,4-Dioxane	88	14.264	14.264	0.000	89	73805	15.9	15.2	
56 Dibromomethane	174	14.285	14.285	0.000	87	239331	15.4	14.7	
58 Dichlorobromomethane	83	14.596	14.596	0.000	98	285406	15.9	13.9	
60 cis-1,3-Dichloropropene	75	15.403	15.403	0.000	92	223730	15.6	14.2	
61 4-Methyl-2-pentanone (MIBK)	43	15.671	15.671	0.000	96	228121	15.4	13.4	
62 Toluene	92	16.045	16.045	0.000	94	268215	15.2	14.5	
63 n-Octane	43	16.297	16.297	0.000	87	237294	15.5	14.1	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	97	205010	14.8	14.4	
65 1,1,2-Trichloroethane	83	16.837	16.837	0.000	96	125922	15.7	14.2	
66 Tetrachloroethene	166	17.035	17.035	0.000	95	331239	15.7	15.8	
67 2-Hexanone	43	17.260	17.260	0.000	96	207680	15.0	14.7	
68 Chlorodibromomethane	129	17.570	17.570	0.000	97	309261	14.5	12.7	
69 Ethylene Dibromide	107	17.811	17.811	0.000	98	252338	15.9	15.7	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	83	239293	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	97	394229	15.7	14.8	
73 Ethylbenzene	91	18.977	18.977	0.000	97	603895	15.3	14.6	
74 m-Xylene & p-Xylene	106	19.244	19.244	0.000	0	515258	30.8	30.7	
75 n-Nonane	57	19.309	19.309	0.000	85	242546	15.7	15.2	
76 o-Xylene	106	20.015	20.015	0.000	99	249984	15.5	15.5	
77 Styrene	104	20.052	20.052	0.000	98	382098	15.5	15.9	
S 78 Xylenes, Total	106				0		46.4	46.2	
79 Bromoform	173	20.400	20.400	0.000	97	206899	15.4	10.2	
80 Isopropylbenzene	105	20.721	20.721	0.000	95	725106	15.6	15.5	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.240	0.000	98	307304	15.5	13.5	
82 1,2,3-Trichloropropane	75	21.341	21.341	0.000	96	262724	15.9	14.4	
83 N-Propylbenzene	91	21.438	21.438	0.000	100	815361	15.6	15.2	
84 2-Chlorotoluene	91	21.588	21.588	0.000	96	519237	15.7	14.9	
85 4-Ethyltoluene	105	21.641	21.641	0.000	97	713694	15.5	15.7	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	94	625332	15.6	15.2	
87 n-Decane	57	21.769	21.769	0.000	94	308937	15.6	15.8	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	92	334373	15.3	15.8	
89 tert-Butylbenzene	119	22.219	22.219	0.000	94	637059	15.5	15.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	97	624682	15.6	15.1	
91 sec-Butylbenzene	105	22.545	22.545	0.000	98	885269	15.7	15.0	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	95	449746	15.9	15.9	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	803724	15.5	15.3	
94 1,4-Dichlorobenzene	146	22.861	22.861	0.000	96	425646	15.7	16.5	
95 Benzyl chloride	91	23.005	23.005	0.000	99	460830	15.9	16.8	
96 n-Butylbenzene	91	23.316	23.316	0.000	97	664659	15.6	16.0	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	98	444277	15.7	15.2	
98 Undecane	57	23.465	23.465	0.000	93	343313	15.7	14.7	
99 Dodecane	57	25.038	25.038	0.000	97	271610	14.0	13.6	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	93	315533	16.3	19.8	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	94	568404	15.4	15.2	
102 Naphthalene	128	26.242	26.242	0.000	99	560984	14.6	18.5	
103 1,2,3-Trichlorobenzene	180	26.648	26.648	0.000	95	288928	13.7	14.7	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00770	Amount Added: 300.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

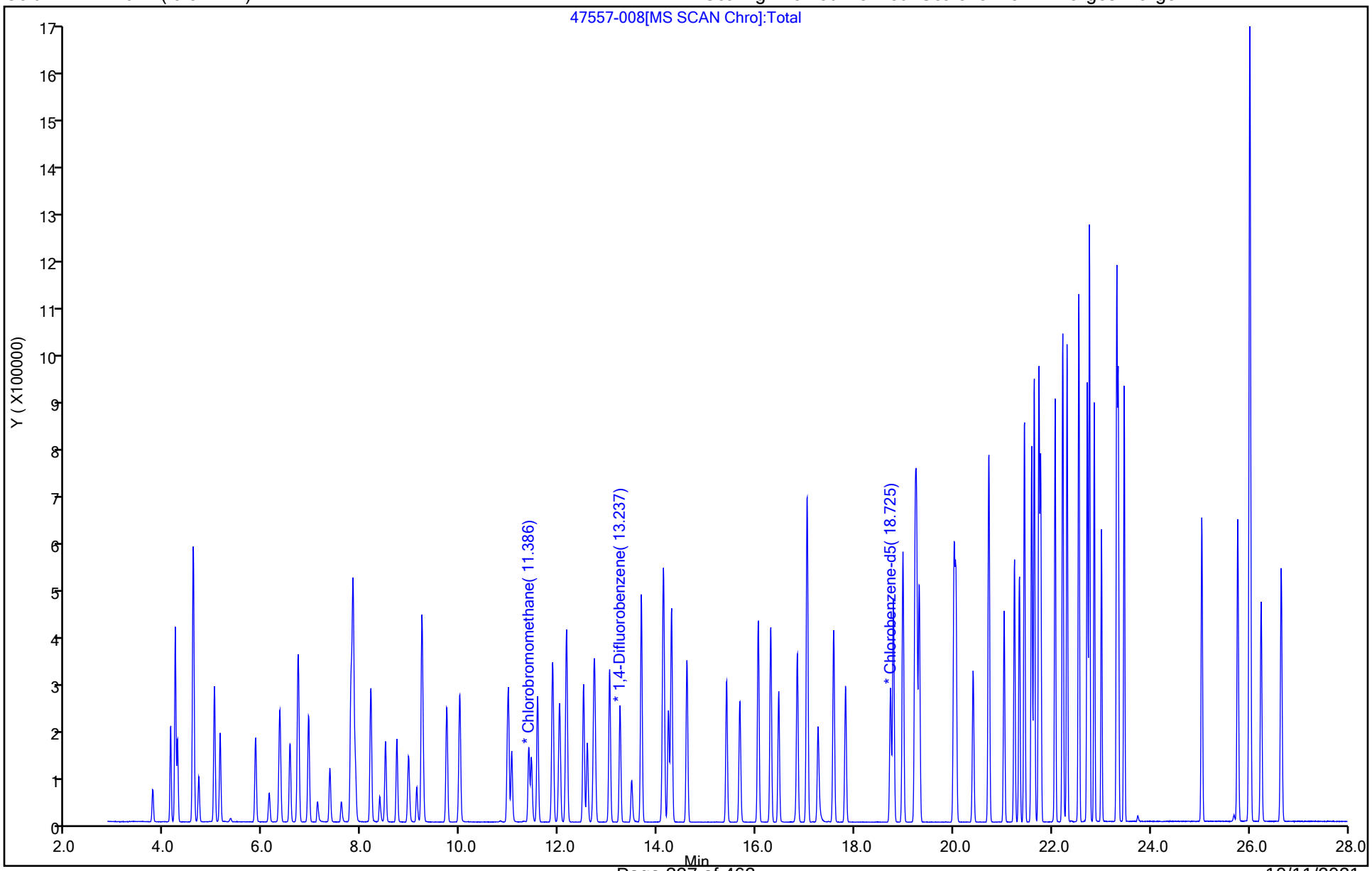
Report Date: 16-Sep-2021 14:33:59 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-008.d

Injection Date:	15-Sep-2021 22:21:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-011.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 16-Sep-2021 01:00:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-011
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:34:01 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: bourdeaut Date: 16-Sep-2021 08:19:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.131	4.126	0.005	99	131646	20.6	18.0	
2 Dichlorodifluoromethane	85	4.228	4.217	0.011	99	502897	20.9	17.6	
3 Chlorodifluoromethane	51	4.271	4.265	0.005	97	264580	21.0	17.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.597	4.581	0.016	93	454671	20.8	16.9	
5 Chloromethane	50	4.704	4.693	0.011	99	153987	21.8	20.0	
6 Vinyl chloride	62	5.019	5.009	0.010	83	163207	20.8	18.7	
7 Butane	43	5.025	5.014	0.011	97	219101	20.7	17.1	
8 Butadiene	54	5.143	5.127	0.015	95	123677	20.2	18.3	
9 Bromomethane	94	5.854	5.843	0.011	98	163132	20.6	18.9	
10 Chloroethane	64	6.127	6.127	0.000	99	81099	20.8	18.7	
11 2-Methylbutane	43	6.341	6.341	0.000	92	162495	20.9	18.3	
13 Vinyl bromide	106	6.555	6.544	0.011	98	166688	20.8	19.2	
14 Trichlorofluoromethane	101	6.721	6.710	0.011	99	501619	21.1	19.0	
15 Pentane	43	6.924	6.919	0.005	99	224327	20.3	18.8	
16 Ethanol	45	7.106	7.106	0.000	98	86375	40.0	38.4	
18 Ethyl ether	59	7.357	7.352	0.005	95	92815	20.2	19.9	
19 Acrolein	56	7.593	7.587	0.006	96	48650	19.4	18.1	
20 1,1-Dichloroethene	96	7.785	7.780	0.005	99	146617	20.6	18.9	
21 112TCTFE	101	7.828	7.823	0.005	92	328993	21.0	19.5	
22 Acetone	43	7.871	7.871	0.000	99	205396	20.5	20.5	
24 Isopropyl alcohol	45	8.170	8.176	-0.006	100	201722	20.4	19.9	
23 Carbon disulfide	76	8.197	8.187	0.010	100	377394	20.3	19.1	
25 Acetonitrile	41	8.368	8.363	0.005	97	75882	19.8	19.1	
26 3-Chloro-1-propene	41	8.486	8.481	0.005	99	156307	21.3	19.4	
27 Methylene Chloride	49	8.711	8.711	0.000	91	137264	20.6	18.5	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	253112	21.6	20.0	
29 Acrylonitrile	53	9.117	9.117	0.000	94	77565	20.2	20.3	
30 trans-1,2-Dichloroethene	61	9.224	9.219	0.005	97	184601	20.4	18.9	
31 Methyl tert-butyl ether	73	9.235	9.230	0.005	95	399433	20.9	20.1	
32 Hexane	57	9.727	9.722	0.005	90	173518	21.2	19.5	
33 1,1-Dichloroethane	63	9.984	9.984	0.000	99	221973	20.0	18.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	9.995	9.995	0.000	99	294738	20.8	20.2	
S 35 1,2-Dichloroethene, Total	61				0		40.6	39.9	
37 2-Butanone (MEK)	72	10.947	10.958	-0.011	99	61733	20.7	23.2	
36 cis-1,2-Dichloroethene	96	10.979	10.974	0.005	94	139075	20.2	20.9	
38 Ethyl acetate	88	11.043	11.038	0.005	99	12066	20.3	21.0	
* 39 Chlorobromomethane	128	11.391	11.386	0.005	75	50710	10.0	10.0	
40 Tetrahydrofuran	42	11.439	11.439	0.000	88	122740	20.0	19.2	
41 Chloroform	83	11.568	11.568	0.000	96	310795	20.2	19.0	
42 1,1,1-Trichloroethane	97	11.878	11.873	0.005	94	370682	20.4	19.5	
43 Cyclohexane	84	12.012	12.017	-0.005	95	170293	20.3	19.4	
44 Carbon tetrachloride	117	12.156	12.156	0.000	98	425140	20.3	17.5	
45 Benzene	78	12.498	12.498	0.000	96	380210	20.7	19.6	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	99	214979	20.7	20.0	
47 Isooctane	57	12.723	12.718	0.005	97	566016	20.9	20.6	
48 n-Heptane	43	13.028	13.023	0.005	91	202061	21.0	20.0	
* 49 1,4-Difluorobenzene	114	13.242	13.237	0.005	93	224074	10.0	10.0	
50 n-Butanol	56	13.472	13.477	-0.005	89	78798	19.1	19.2	
51 Trichloroethene	95	13.670	13.670	0.000	96	200256	21.1	21.0	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	85	129102	20.6	19.0	
55 Methyl methacrylate	69	14.221	14.221	0.000	95	137636	20.3	21.5	
57 1,4-Dioxane	88	14.264	14.264	0.000	91	82410	21.2	20.9	
56 Dibromomethane	174	14.285	14.285	0.000	88	257646	20.6	19.5	
58 Dichlorobromomethane	83	14.595	14.596	-0.001	98	348576	21.1	20.8	
60 cis-1,3-Dichloropropene	75	15.403	15.403	0.000	95	258897	20.8	20.2	
61 4-Methyl-2-pentanone (MIBK)	43	15.665	15.671	-0.006	96	278918	20.5	20.2	
62 Toluene	92	16.045	16.045	0.000	94	302327	20.3	19.7	
63 n-Octane	43	16.297	16.297	0.000	88	282043	20.7	20.6	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	98	238097	19.8	20.5	
65 1,1,2-Trichloroethane	83	16.837	16.837	0.000	97	145016	21.0	19.8	
66 Tetrachloroethene	166	17.040	17.035	0.005	94	362465	21.0	20.8	
67 2-Hexanone	43	17.254	17.260	-0.006	95	261996	20.0	22.4	
68 Chlorodibromomethane	129	17.575	17.570	0.005	97	405850	19.4	20.2	
69 Ethylene Dibromide	107	17.816	17.811	0.005	98	288194	21.2	21.7	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	86	198253	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	96	440055	21.0	19.9	
73 Ethylbenzene	91	18.977	18.977	0.000	98	677774	20.4	19.8	
74 m-Xylene & p-Xylene	106	19.244	19.244	0.000	0	565479	41.1	40.7	
75 n-Nonane	57	19.309	19.309	0.000	86	284212	21.0	21.5	
76 o-Xylene	106	20.015	20.015	0.000	99	274156	20.7	20.5	
77 Styrene	104	20.052	20.052	0.000	98	431135	20.6	21.6	
S 78 Xylenes, Total	106				0		61.8	61.2	
79 Bromoform	173	20.400	20.400	0.000	98	426672	20.6	25.4	
80 Isopropylbenzene	105	20.721	20.721	0.000	96	826197	20.9	21.3	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.240	0.000	98	372841	20.7	19.7	
82 1,2,3-Trichloropropane	75	21.341	21.341	0.000	96	305536	21.2	20.3	
83 N-Propylbenzene	91	21.443	21.438	0.005	99	933777	20.8	21.0	
84 2-Chlorotoluene	91	21.588	21.588	0.000	96	603699	20.9	20.9	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	799412	20.7	21.2	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	94	708735	20.8	20.8	
87 n-Decane	57	21.769	21.769	0.000	94	364755	20.8	22.5	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	91	380287	20.4	21.8	
89 tert-Butylbenzene	119	22.219	22.219	0.000	94	730977	20.7	20.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	97	722475	20.8	21.0	
91 sec-Butylbenzene	105	22.545	22.545	0.000	97	1037895	20.9	21.3	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	96	513369	21.2	21.9	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	931282	20.6	21.4	
94 1,4-Dichlorobenzene	146	22.861	22.861	0.000	97	485361	20.9	22.8	
95 Benzyl chloride	91	23.005	23.005	0.000	99	528668	21.2	23.2	
96 n-Butylbenzene	91	23.315	23.316	-0.001	97	777735	20.8	22.7	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	98	498907	20.9	20.6	
98 Undecane	57	23.465	23.465	0.000	92	409057	20.9	21.1	
99 Dodecane	57	25.038	25.038	0.000	95	311886	18.7	18.9	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	94	327682	21.7	24.8	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	95	637621	20.5	20.6	
102 Naphthalene	128	26.242	26.242	0.000	99	513854	19.4	20.4	
103 1,2,3-Trichlorobenzene	180	26.648	26.648	0.000	95	288196	18.2	17.7	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00192	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

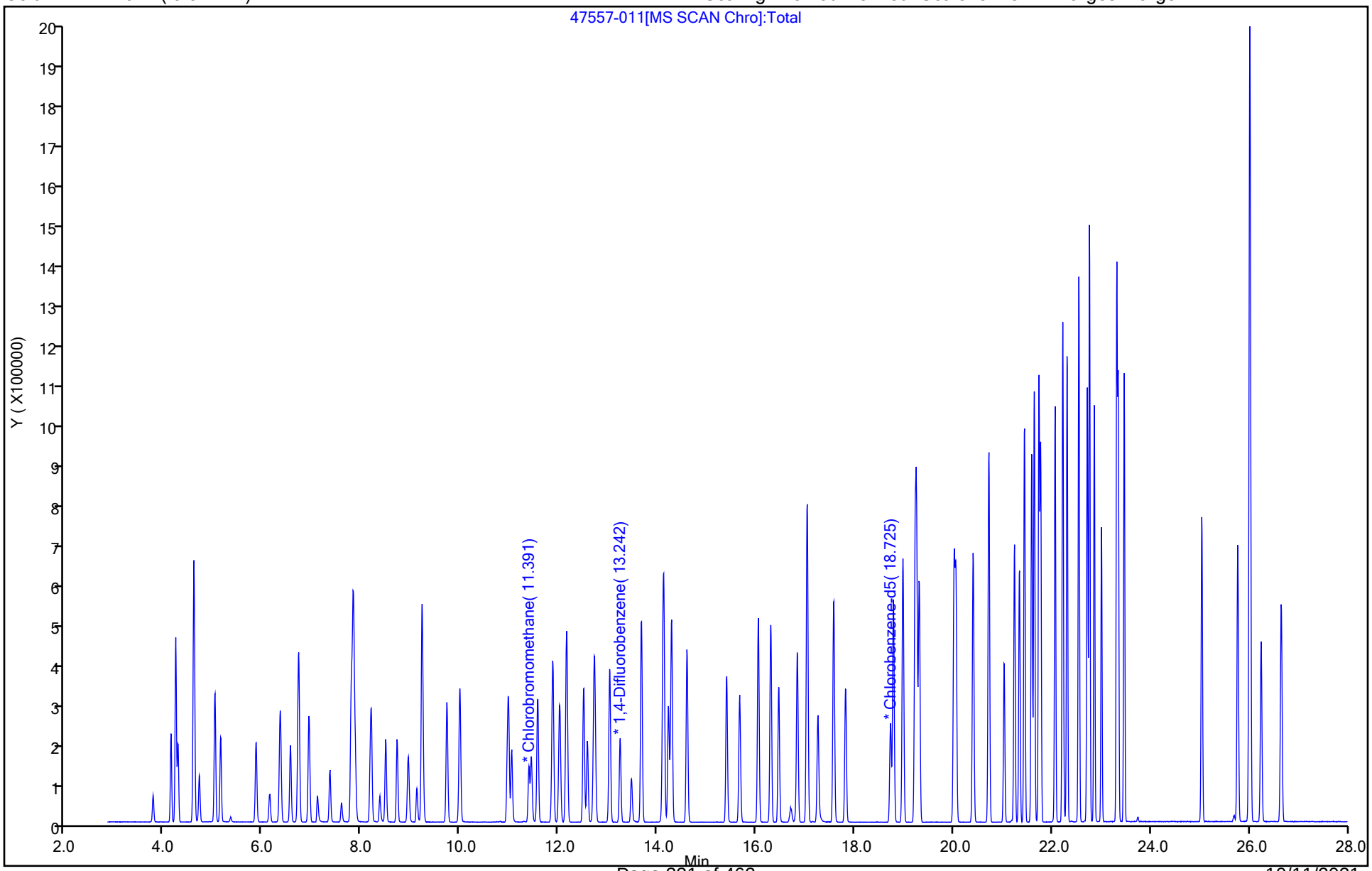
Report Date: 16-Sep-2021 14:34:02 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-011.d

Injection Date:	16-Sep-2021 01:00:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-012.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 16-Sep-2021 01:53:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-012
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:34:03 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: phamvu Date: 16-Sep-2021 14:07:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.132	4.126	0.006	99	288620	41.3	38.3	
2 Dichlorodifluoromethane	85	4.228	4.217	0.011	99	1094900	41.8	37.2	
3 Chlorodifluoromethane	51	4.271	4.265	0.006	97	559054	41.9	36.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.592	4.581	0.011	98	1043527	41.6	37.7	
5 Chloromethane	50	4.704	4.693	0.011	99	299026	43.7	37.8	
6 Vinyl chloride	62	5.020	5.009	0.011	98	322274	41.6	35.9	
7 Butane	43	5.025	5.014	0.011	97	447572	41.4	34.0	
8 Butadiene	54	5.137	5.127	0.010	96	243371	40.5	35.1	
9 Bromomethane	94	5.854	5.843	0.011	98	267885	41.2	30.3	
10 Chloroethane	64	6.127	6.127	0.000	100	138793	41.6	31.2	
11 2-Methylbutane	43	6.346	6.341	0.005	91	292893	41.8	32.0	
13 Vinyl bromide	106	6.555	6.544	0.011	97	282943	41.7	31.7	
14 Trichlorofluoromethane	101	6.721	6.710	0.011	99	911960	42.2	33.6	
15 Pentane	43	6.929	6.919	0.010	99	414517	40.5	33.8	
16 Ethanol	45	7.095	7.106	-0.011	99	213931	100.0	92.5	
18 Ethyl ether	59	7.347	7.352	-0.005	96	169295	40.3	35.4	
19 Acrolein	56	7.582	7.587	-0.005	97	89332	38.9	32.4	
20 1,1-Dichloroethene	96	7.785	7.780	0.005	96	254972	41.1	32.0	
21 112TCTFE	101	7.823	7.823	0.000	92	571939	42.0	33.0	
22 Acetone	43	7.860	7.871	-0.011	99	390443	41.0	38.0	
24 Isopropyl alcohol	45	8.160	8.176	-0.016	99	394205	40.9	37.8	
23 Carbon disulfide	76	8.192	8.187	0.005	99	667535	40.6	32.9	
25 Acetonitrile	41	8.363	8.363	0.000	99	149848	39.6	36.7	
26 3-Chloro-1-propene	41	8.486	8.481	0.005	98	289578	42.6	34.9	
27 Methylene Chloride	49	8.716	8.711	0.005	93	281454	41.1	36.9	
28 2-Methyl-2-propanol	59	8.930	8.946	-0.016	94	553264	43.1	42.6	
29 Acrylonitrile	53	9.117	9.117	0.000	94	145505	40.4	37.0	
30 trans-1,2-Dichloroethene	61	9.219	9.219	0.000	96	352372	40.8	35.1	
31 Methyl tert-butyl ether	73	9.224	9.230	-0.006	95	752377	41.8	36.9	
32 Hexane	57	9.727	9.722	0.005	90	329713	42.4	36.1	
33 1,1-Dichloroethane	63	9.984	9.984	0.000	99	412036	40.0	32.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	9.995	9.995	0.000	99	581068	41.6	38.7	
S 35 1,2-Dichloroethene, Total	61				0		81.2	72.6	
37 2-Butanone (MEK)	72	10.952	10.958	-0.006	100	115278	41.4	42.1	
36 cis-1,2-Dichloroethene	96	10.979	10.974	0.005	93	256057	40.4	37.5	
38 Ethyl acetate	88	11.038	11.038	0.000	99	21390	40.5	36.2	
* 39 Chlorobromomethane	128	11.386	11.386	0.000	78	52134	10.0	10.0	
40 Tetrahydrofuran	42	11.429	11.439	-0.010	88	236382	40.0	38.3	
41 Chloroform	83	11.568	11.568	0.000	96	619652	40.4	36.8	
42 1,1,1-Trichloroethane	97	11.878	11.873	0.005	95	706254	40.8	38.5	
43 Cyclohexane	84	12.017	12.017	0.000	94	314021	40.6	36.9	
44 Carbon tetrachloride	117	12.156	12.156	0.000	98	816154	40.6	34.8	
45 Benzene	78	12.504	12.498	0.006	96	721560	41.3	38.5	
46 1,2-Dichloroethane	62	12.579	12.573	0.006	99	417326	41.4	40.2	
47 Isooctane	57	12.718	12.718	0.000	97	1081852	41.9	40.8	
48 n-Heptane	43	13.028	13.023	0.005	91	394945	42.0	40.5	
* 49 1,4-Difluorobenzene	114	13.242	13.237	0.005	94	216431	10.0	10.0	
50 n-Butanol	56	13.461	13.477	-0.016	93	152729	38.2	38.6	
51 Trichloroethene	95	13.670	13.670	0.000	98	365995	42.1	39.7	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	83	274566	41.2	41.7	
55 Methyl methacrylate	69	14.216	14.221	-0.005	95	284979	40.6	46.2	
57 1,4-Dioxane	88	14.259	14.264	-0.005	90	167753	42.3	44.1	
56 Dibromomethane	174	14.285	14.285	0.000	88	543471	41.2	42.6	
58 Dichlorobromomethane	83	14.596	14.596	0.000	93	744876	42.3	46.1	
60 cis-1,3-Dichloropropene	75	15.403	15.403	0.000	94	553349	41.6	44.8	
61 4-Methyl-2-pentanone (MIBK)	43	15.660	15.671	-0.011	96	580341	41.0	43.4	
62 Toluene	92	16.045	16.045	0.000	94	616217	40.6	40.2	
63 n-Octane	43	16.297	16.297	0.000	89	551536	41.3	41.6	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	98	461227	39.5	41.2	
65 1,1,2-Trichloroethane	83	16.837	16.837	0.000	97	269680	41.9	36.8	
66 Tetrachloroethene	166	17.035	17.035	0.000	94	657017	42.0	37.8	
67 2-Hexanone	43	17.244	17.260	-0.016	94	521783	40.0	44.5	
68 Chlorodibromomethane	129	17.570	17.570	0.000	97	751984	38.7	37.4	
69 Ethylene Dibromide	107	17.816	17.811	0.005	98	536288	42.4	40.4	
* 70 Chlorobenzene-d5	117	18.726	18.725	0.001	84	198192	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	95	829246	42.0	37.5	
73 Ethylbenzene	91	18.977	18.977	0.000	98	1287335	40.9	37.7	
74 m-Xylene & p-Xylene	106	19.244	19.244	0.000	0	1069074	82.2	77.0	
75 n-Nonane	57	19.309	19.309	0.000	86	542890	41.9	41.1	
76 o-Xylene	106	20.015	20.015	0.000	99	524262	41.4	39.2	
77 Styrene	104	20.052	20.052	0.000	99	826944	41.3	41.5	
S 78 Xylenes, Total	106				0		123.7	116.2	
79 Bromoform	173	20.400	20.400	0.000	98	819376	41.2	48.8	
80 Isopropylbenzene	105	20.721	20.721	0.000	96	1566604	41.7	40.4	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.240	0.000	98	692603	41.4	36.6	
82 1,2,3-Trichloropropane	75	21.342	21.341	0.001	96	577680	42.4	38.3	
83 N-Propylbenzene	91	21.443	21.438	0.005	99	1776609	41.6	40.0	
84 2-Chlorotoluene	91	21.588	21.588	0.000	97	1134883	41.8	39.3	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	1531077	41.3	40.7	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	94	1339646	41.6	39.4	
87 n-Decane	57	21.770	21.769	0.001	94	697164	41.7	43.1	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	91	728527	40.8	41.7	
89 tert-Butylbenzene	119	22.219	22.219	0.000	93	1381640	41.4	39.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	97	1363901	41.6	39.7	
91 sec-Butylbenzene	105	22.545	22.545	0.000	97	1961121	41.8	40.2	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	96	987054	42.3	42.1	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	1771654	41.2	40.7	
94 1,4-Dichlorobenzene	146	22.861	22.861	0.000	96	949032	41.9	44.5	
95 Benzyl chloride	91	23.005	23.005	0.000	99	1093862	42.3	48.1	
96 n-Butylbenzene	91	23.316	23.316	0.000	97	1516786	41.6	44.2	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	98	974391	41.8	40.3	
98 Undecane	57	23.465	23.465	0.000	92	801024	41.8	41.4	
99 Dodecane	57	25.038	25.038	0.000	96	664616	37.4	40.2	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	93	719244	43.4	54.4	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	94	1287988	41.0	41.7	
102 Naphthalene	128	26.242	26.242	0.000	99	1088550	38.9	43.3	
103 1,2,3-Trichlorobenzene	180	26.648	26.648	0.000	95	628100	36.5	38.5	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00109	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

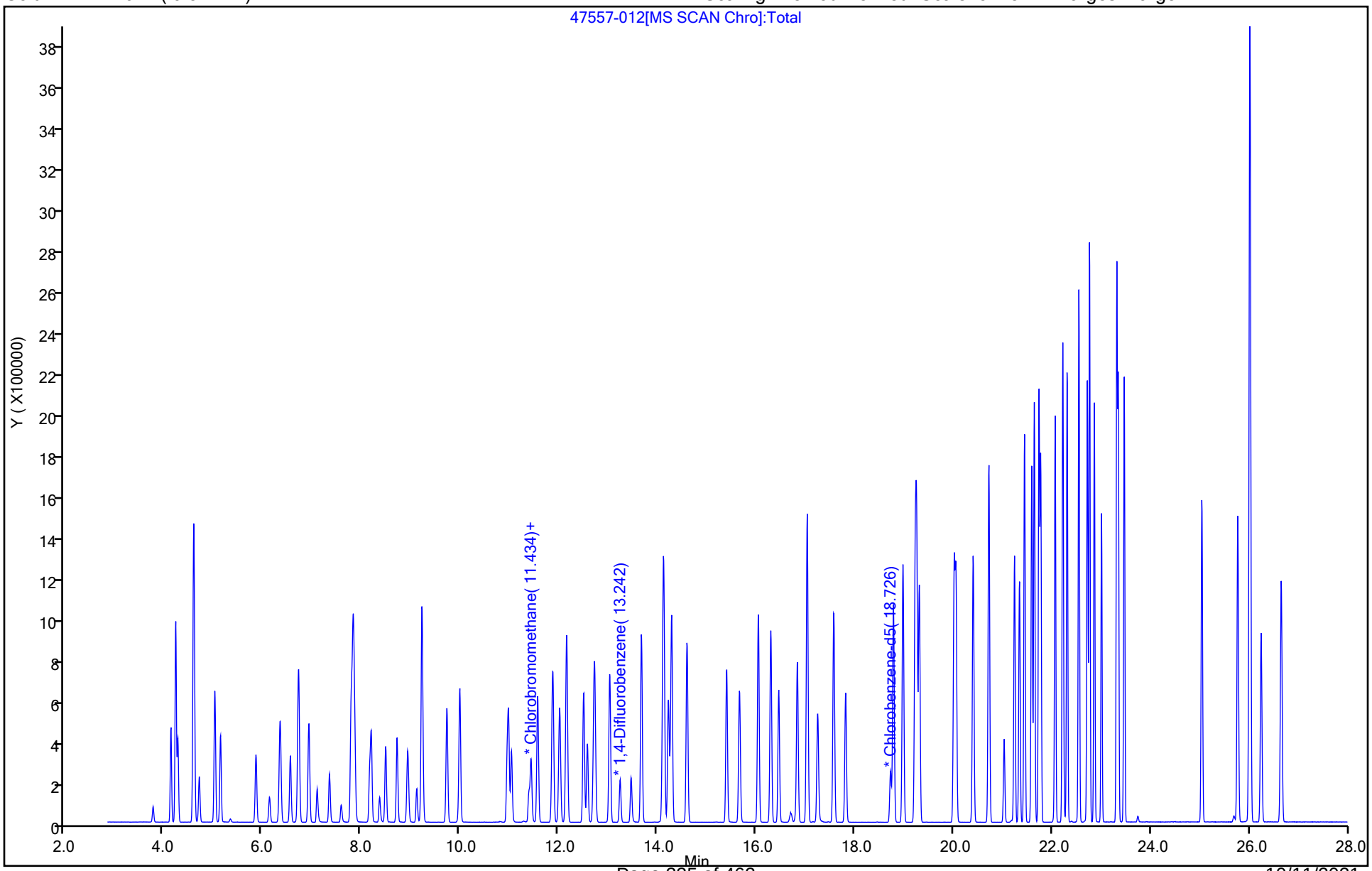
Report Date: 16-Sep-2021 14:34:03 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-012.d

Injection Date:	16-Sep-2021 01:53:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-017.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 16-Sep-2021 06:19:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-017
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:34:20 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: phamvu Date: 16-Sep-2021 14:34:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.137	4.137	0.000	99	80085	10.3	11.2	
2 Dichlorodifluoromethane	85	4.233	4.233	0.000	99	313147	10.4	11.2	
3 Chlorodifluoromethane	51	4.276	4.276	0.000	97	160487	10.5	11.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.597	4.597	0.000	90	296879	10.4	11.3	
5 Chloromethane	50	4.709	4.709	0.000	99	85055	10.9	11.3	
6 Vinyl chloride	62	5.019	5.019	0.000	79	87885	10.4	10.3	
7 Butane	43	5.030	5.030	0.000	97	124012	10.4	9.89	
8 Butadiene	54	5.143	5.143	0.000	96	69441	10.1	10.5	
9 Bromomethane	94	5.859	5.859	0.000	97	75548	10.3	8.97	
10 Chloroethane	64	6.132	6.132	0.000	100	37726	10.4	8.91	
11 2-Methylbutane	43	6.352	6.352	0.000	90	81215	10.4	9.33	
13 Vinyl bromide	106	6.560	6.560	0.000	98	79129	10.4	9.30	
14 Trichlorofluoromethane	101	6.721	6.721	0.000	98	260715	10.6	10.1	
15 Pentane	43	6.929	6.929	0.000	99	112507	10.1	9.65	
16 Ethanol	45	7.122	7.122	0.000	97	36017	15.0	16.4	
18 Ethyl ether	59	7.368	7.368	0.000	93	48208	10.1	10.6	
19 Acrolein	56	7.598	7.598	0.000	96	27323	9.72	10.4	
20 1,1-Dichloroethene	96	7.785	7.785	0.000	98	71306	10.3	9.41	
21 112TCTFE	101	7.828	7.828	0.000	94	157970	10.5	9.57	
22 Acetone	43	7.887	7.887	0.000	99	101746	10.2	10.4	
24 Isopropyl alcohol	45	8.192	8.192	0.000	63	99899	10.2	10.1	
23 Carbon disulfide	76	8.197	8.197	0.000	99	184998	10.2	9.59	
25 Acetonitrile	41	8.374	8.374	0.000	99	39117	9.90	10.1	
26 3-Chloro-1-propene	41	8.486	8.486	0.000	98	82196	10.6	10.4	
27 Methylene Chloride	49	8.716	8.716	0.000	91	72897	10.3	10.0	
28 2-Methyl-2-propanol	59	8.968	8.968	0.000	94	137407	10.8	11.1	
29 Acrylonitrile	53	9.123	9.123	0.000	95	43321	10.1	11.6	
30 trans-1,2-Dichloroethene	61	9.219	9.219	0.000	97	107551	10.2	11.3	
31 Methyl tert-butyl ether	73	9.246	9.246	0.000	95	231113	10.4	11.9	
32 Hexane	57	9.727	9.727	0.000	90	88416	10.6	10.2	
33 1,1-Dichloroethane	63	9.984	9.984	0.000	99	112979	10.0	9.49	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.000	10.000	0.000	99	158320	10.4	11.1	
S 35 1,2-Dichloroethene, Total	61				0		20.3	21.9	
37 2-Butanone (MEK)	72	10.963	10.963	0.000	100	29216	10.3	11.2	
36 cis-1,2-Dichloroethene	96	10.979	10.979	0.000	93	68799	10.1	10.6	
38 Ethyl acetate	88	11.038	11.038	0.000	99	5599	10.1	9.97	
* 39 Chlorobromomethane	128	11.391	11.391	0.000	77	49605	10.0	10.0	
40 Tetrahydrofuran	42	11.450	11.450	0.000	88	63122	9.99	10.1	
41 Chloroform	83	11.567	11.567	0.000	97	163072	10.1	10.2	
42 1,1,1-Trichloroethane	97	11.872	11.872	0.000	95	194676	10.2	10.5	
43 Cyclohexane	84	12.017	12.017	0.000	95	102796	10.1	12.0	
44 Carbon tetrachloride	117	12.151	12.151	0.000	98	241408	10.2	10.2	
45 Benzene	78	12.504	12.504	0.000	97	194613	10.3	10.3	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	98	108740	10.4	10.4	
47 Isooctane	57	12.718	12.718	0.000	97	285150	10.5	10.6	
48 n-Heptane	43	13.028	13.028	0.000	92	106946	10.5	10.9	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	94	218592	10.0	10.0	
50 n-Butanol	56	13.483	13.483	0.000	90	36701	9.55	9.19	
51 Trichloroethene	95	13.670	13.670	0.000	98	98058	10.5	10.5	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	81	67373	10.3	10.1	
55 Methyl methacrylate	69	14.221	14.221	0.000	93	66557	10.2	10.7	
57 1,4-Dioxane	88	14.280	14.280	0.000	45	35926	10.6	9.36	
56 Dibromomethane	174	14.290	14.290	0.000	88	119125	10.3	9.26	
58 Dichlorobromomethane	83	14.595	14.595	0.000	99	170136	10.6	10.4	
60 cis-1,3-Dichloropropene	75	15.403	15.403	0.000	94	133290	10.4	10.7	
61 4-Methyl-2-pentanone (MIBK)	43	15.671	15.671	0.000	96	148107	10.2	11.0	
62 Toluene	92	16.045	16.045	0.000	94	149718	10.2	9.19	
63 n-Octane	43	16.297	16.297	0.000	89	146486	10.3	10.9	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	98	116713	9.88	10.3	
65 1,1,2-Trichloroethane	83	16.832	16.832	0.000	97	69628	10.5	8.94	
66 Tetrachloroethene	166	17.035	17.035	0.000	94	170853	10.5	9.23	
67 2-Hexanone	43	17.260	17.260	0.000	93	125552	9.99	10.1	
68 Chlorodibromomethane	129	17.575	17.575	0.000	97	196038	9.68	9.17	
69 Ethylene Dibromide	107	17.816	17.816	0.000	98	135182	10.6	9.57	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	84	210829	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	95	225942	10.5	9.61	
73 Ethylbenzene	91	18.977	18.977	0.000	98	354445	10.2	9.76	
74 m-Xylene & p-Xylene	106	19.239	19.239	0.000	0	282444	20.6	19.1	
75 n-Nonane	57	19.309	19.309	0.000	88	145066	10.5	10.3	
76 o-Xylene	106	20.015	20.015	0.000	99	134219	10.4	9.43	
77 Styrene	104	20.052	20.052	0.000	98	206931	10.3	9.77	
S 78 Xylenes, Total	106				0		30.9	28.6	
79 Bromoform	173	20.400	20.400	0.000	97	207104	10.3	11.6	
80 Isopropylbenzene	105	20.721	20.721	0.000	96	400363	10.4	9.72	
81 1,1,2,2-Tetrachloroethane	83	21.234	21.234	0.000	98	209364	10.3	10.4	
82 1,2,3-Trichloropropane	75	21.336	21.336	0.000	95	151241	10.6	9.43	
83 N-Propylbenzene	91	21.443	21.443	0.000	100	480727	10.4	10.2	
84 2-Chlorotoluene	91	21.587	21.587	0.000	97	301571	10.4	9.81	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	414106	10.3	10.3	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	94	355430	10.4	9.83	
87 n-Decane	57	21.769	21.769	0.000	93	179404	10.4	10.4	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	92	223457	10.2	12.0	
89 tert-Butylbenzene	119	22.219	22.219	0.000	94	434901	10.4	11.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	97	419243	10.4	11.5	
91 sec-Butylbenzene	105	22.545	22.545	0.000	98	600915	10.5	11.6	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	95	287495	10.6	11.5	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	539668	10.3	11.6	
94 1,4-Dichlorobenzene	146	22.855	22.855	0.000	97	267339	10.5	11.8	
95 Benzyl chloride	91	23.005	23.005	0.000	99	273805	10.6	11.3	
96 n-Butylbenzene	91	23.315	23.315	0.000	97	429921	10.4	11.8	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	99	286215	10.4	11.1	
98 Undecane	57	23.465	23.465	0.000	93	212037	10.5	10.3	
99 Dodecane	57	25.038	25.038	0.000	97	157307	9.36	8.94	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	93	168734	10.9	12.0	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	94	371675	10.3	11.3	
102 Naphthalene	128	26.242	26.242	0.000	99	279522	9.72	10.4	
103 1,2,3-Trichlorobenzene	180	26.654	26.654	0.000	95	156551	9.12	9.02	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00770	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

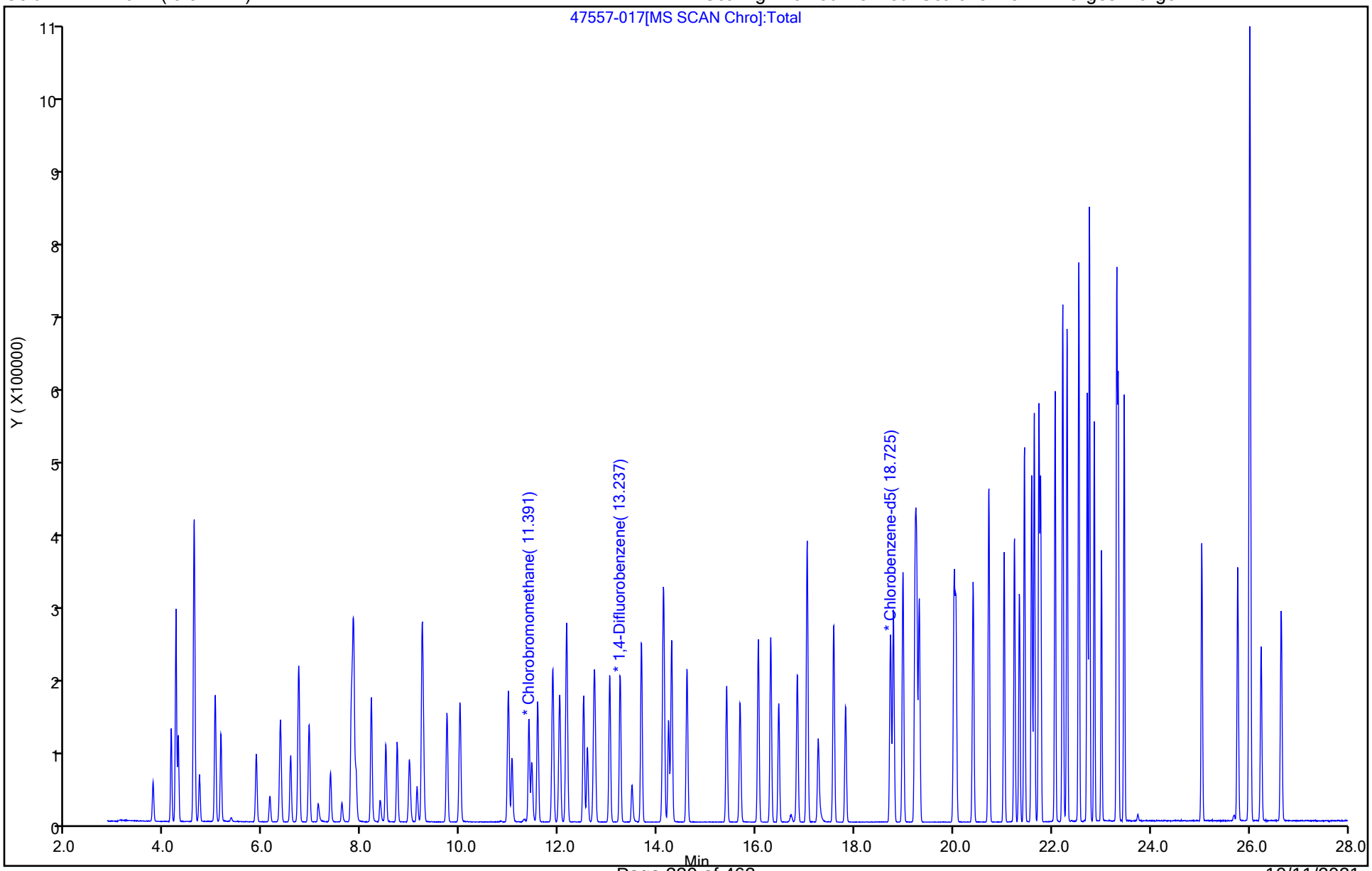
Report Date: 16-Sep-2021 14:34:20 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-017.d

Injection Date:	16-Sep-2021 06:19:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ICIS			Worklist Smp#:	17
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Sep-2021 09:57:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-020
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:34:05 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: phamvu Date: 16-Sep-2021 10:57:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.148	4.126	0.022	93	2047	0.1862	0.2353	
2 Dichlorodifluoromethane	85	4.249	4.217	0.032	98	7454	0.1883	0.2197	
3 Chlorodifluoromethane	51	4.297	4.265	0.032	96	3283	0.1891	0.1859	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.602	4.581	0.021	85	6893	0.1878	0.2156	
5 Chloromethane	50	4.725	4.693	0.032	48	1914	0.1970	0.2095	
6 Vinyl chloride	62	5.041	5.009	0.032	73	2393	0.1874	0.2312	
7 Butane	43	5.030	5.014	0.016	98	3342	0.1869	0.2198	
8 Butadiene	54	5.159	5.127	0.032	90	1573	0.1826	0.1966	
9 Bromomethane	94	5.876	5.843	0.033	96	2258	0.1860	0.2210	
10 Chloroethane	64	6.143	6.127	0.016	1	1236	0.1874	0.2408	
11 2-Methylbutane	43	6.352	6.341	0.011	85	2242	0.1883	0.2125	
13 Vinyl bromide	106	6.571	6.544	0.027	96	2274	0.1880	0.2205	
14 Trichlorofluoromethane	101	6.721	6.710	0.011	97	6672	0.1905	0.2131	M
15 Pentane	43	6.935	6.919	0.016	90	2792	0.1827	0.1975	
16 Ethanol	45		7.106				ND	ND	U
18 Ethyl ether	59	7.411	7.352	0.059	46	883	0.1818	0.1599	
19 Acrolein	56		7.587				ND	ND	
20 1,1-Dichloroethene	96	7.780	7.780	0.000	85	2384	0.1854	0.2594	
21 112TCTFE	101	7.834	7.823	0.011	68	4487	0.1892	0.2242	
22 Acetone	43	7.946	7.871	0.075	61	2898	0.1847	0.2442	
24 Isopropyl alcohol	45	8.256	8.176	0.080	38	1333	0.1844	0.1109	
23 Carbon disulfide	76	8.187	8.187	0.000	97	5242	0.1833	0.2241	
25 Acetonitrile	41		8.363				ND	ND	
26 3-Chloro-1-propene	41	8.486	8.481	0.005	96	1985	0.1921	0.2073	
27 Methylene Chloride	49	8.716	8.711	0.005	90	1794	0.1854	0.2037	
28 2-Methyl-2-propanol	59	9.037	8.946	0.091	7	2688	0.1945	0.1792	M
29 Acrylonitrile	53	9.134	9.117	0.017	1	54	0.1824	0.0119	
30 trans-1,2-Dichloroethene	61	9.214	9.219	-0.005	95	2225	0.1840	0.1922	M
31 Methyl tert-butyl ether	73	9.299	9.230	0.069	92	4293	0.1885	0.1824	
32 Hexane	57	9.717	9.722	-0.005	80	2171	0.1910	0.2059	
33 1,1-Dichloroethane	63	9.979	9.984	-0.005	85	2798	0.1804	0.1938	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.043	9.995	0.048	64	2306	0.1874	0.1329	
S 35 1,2-Dichloroethene, Total	61				0		0.3662	0.4228	
37 2-Butanone (MEK)	72	11.011	10.958	0.053	64	262	0.1865	0.0829	
36 cis-1,2-Dichloroethene	96	10.979	10.974	0.005	86	1816	0.1822	0.2306	M
38 Ethyl acetate	88		11.038				ND	ND	
* 39 Chlorobromomethane	128	11.391	11.386	0.005	74	60161	10.0	10.0	
40 Tetrahydrofuran	42	11.498	11.439	0.059	56	1204	0.1802	0.1550	
41 Chloroform	83	11.568	11.568	0.000	96	3820	0.1822	0.1965	M
42 1,1,1-Trichloroethane	97	11.862	11.873	-0.011	93	4449	0.1838	0.1925	
43 Cyclohexane	84	12.022	12.017	0.005	68	1973	0.1831	0.1844	M
44 Carbon tetrachloride	117	12.151	12.156	-0.005	98	5485	0.1833	0.1855	
45 Benzene	78	12.498	12.498	0.000	94	5050	0.1863	0.2142	
46 1,2-Dichloroethane	62	12.584	12.573	0.011	36	2397	0.1869	0.1835	
47 Isooctane	57	12.707	12.718	-0.011	94	6032	0.1889	0.1807	
48 n-Heptane	43	13.028	13.023	0.005	85	2441	0.1896	0.1987	M
* 49 1,4-Difluorobenzene	114	13.242	13.237	0.005	93	272551	10.0	10.0	
50 n-Butanol	56		13.477				ND	ND	U
51 Trichloroethene	95	13.665	13.670	-0.005	94	2553	0.1900	0.2198	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	14	1536	0.1860	0.1854	M
55 Methyl methacrylate	69	14.253	14.221	0.032	15	913	0.1833	0.1174	
57 1,4-Dioxane	88		14.264				ND	ND	
56 Dibromomethane	174	14.291	14.285	0.006	89	3374	0.1858	0.2103	M
58 Dichlorobromomethane	83	14.590	14.596	-0.006	68	3843	0.1907	0.1888	
60 cis-1,3-Dichloropropene	75	15.398	15.403	-0.005	89	2984	0.1874	0.1917	M
61 4-Methyl-2-pentanone (MIBK)	43	15.746	15.671	0.075	41	2730	0.1847	0.1623	
62 Toluene	92	16.040	16.045	-0.005	92	3299	0.1833	0.1966	M
63 n-Octane	43	16.291	16.297	-0.006	85	2732	0.1863	0.1637	
64 trans-1,3-Dichloropropene	75	16.463	16.457	0.006	87	2230	0.1782	0.1580	M
65 1,1,2-Trichloroethane	83	16.826	16.837	-0.011	88	1933	0.1891	0.2412	M
66 Tetrachloroethene	166	17.024	17.035	-0.011	92	4724	0.1894	0.2480	
67 2-Hexanone	43	17.345	17.260	0.085	16	1655	0.1802	0.1290	M
68 Chlorodibromomethane	129	17.581	17.570	0.011	91	3657	0.1746	0.1662	
69 Ethylene Dibromide	107	17.811	17.811	0.000	43	2815	0.1914	0.1935	
* 70 Chlorobenzene-d5	117	18.726	18.725	0.001	84	217028	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	89	5744	0.1892	0.2373	
73 Ethylbenzene	91	18.977	18.977	0.000	97	7409	0.1844	0.1981	M
74 m-Xylene & p-Xylene	106	19.244	19.244	0.000	0	5906	0.3709	0.3886	
75 n-Nonane	57	19.298	19.309	-0.011	80	2447	0.1891	0.1693	
76 o-Xylene	106	20.009	20.015	-0.006	94	2872	0.1869	0.1961	
77 Styrene	104	20.058	20.052	0.006	90	3947	0.1862	0.1810	
S 78 Xylenes, Total	106				0		0.5578	0.5847	
79 Bromoform	173	20.411	20.400	0.011	90	1756	0.1856	0.0955	M
80 Isopropylbenzene	105	20.726	20.721	0.005	96	8079	0.1882	0.1905	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.240	0.000	93	4548	0.1865	0.2196	
82 1,2,3-Trichloropropane	75	21.336	21.341	-0.005	92	3779	0.1910	0.2290	
83 N-Propylbenzene	91	21.443	21.438	0.005	99	9870	0.1876	0.2028	
84 2-Chlorotoluene	91	21.588	21.588	0.000	94	6678	0.1883	0.2111	
85 4-Ethyltoluene	105	21.636	21.641	-0.005	95	7656	0.1863	0.1858	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	92	7222	0.1874	0.1940	
87 n-Decane	57	21.770	21.769	0.001	90	2578	0.1880	0.1454	
88 Alpha Methyl Styrene	118	22.058	22.064	-0.006	88	3190	0.1840	0.1667	
89 tert-Butylbenzene	119	22.224	22.219	0.005	93	6973	0.1869	0.1806	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,2,4-Trimethylbenzene	105	22.305	22.304	0.000	96	7113	0.1876	0.1893	
91 sec-Butylbenzene	105	22.540	22.545	-0.005	97	9783	0.1887	0.1830	
92 1,3-Dichlorobenzene	146	22.722	22.716	0.006	92	5792	0.1909	0.2258	
93 4-Isopropyltoluene	119	22.765	22.759	0.006	94	7905	0.1860	0.1657	
94 1,4-Dichlorobenzene	146	22.861	22.861	0.000	91	4441	0.1889	0.1902	
95 Benzyl chloride	91	23.005	23.005	0.000	96	4762	0.1909	0.1911	
96 n-Butylbenzene	91	23.310	23.316	-0.006	95	5674	0.1874	0.1510	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	97	6192	0.1883	0.2337	
98 Undecane	57	23.465	23.465	0.000	87	2199	0.1887	0.1038	
99 Dodecane	57	25.038	25.038	0.000	5	771	0.1689	0.0426	
100 1,2,4-Trichlorobenzene	180	25.776	25.766	0.010	90	4199	0.1959	0.2900	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	94	7002	0.1851	0.2069	
102 Naphthalene	128	26.242	26.242	0.000	98	8086	0.1753	0.2935	M
103 1,2,3-Trichlorobenzene	180	26.654	26.648	0.006	91	4572	0.1645	0.2560	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CAL1w_00232	Amount Added: 180.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

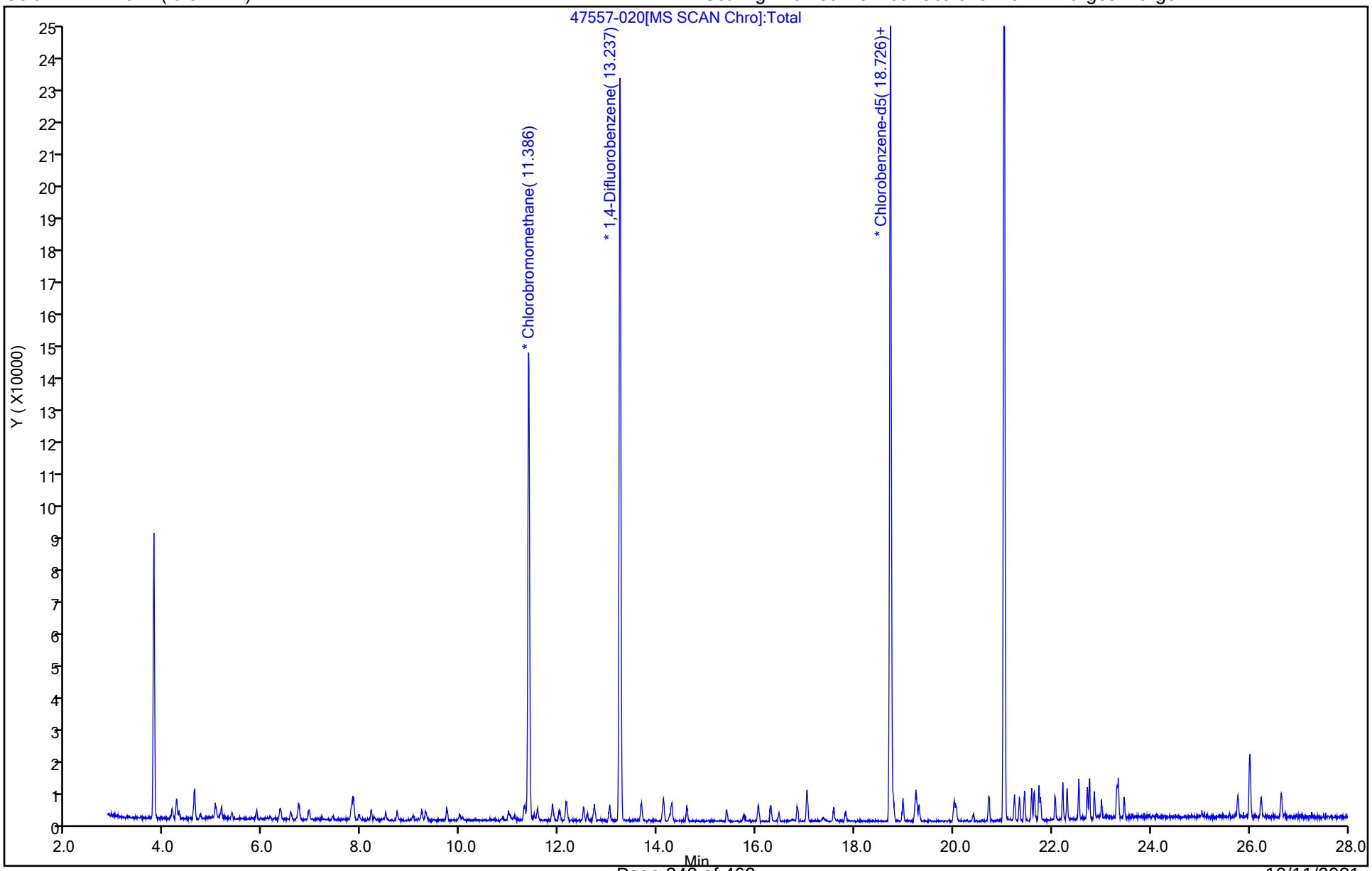
Report Date: 16-Sep-2021 14:34:06 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	20
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

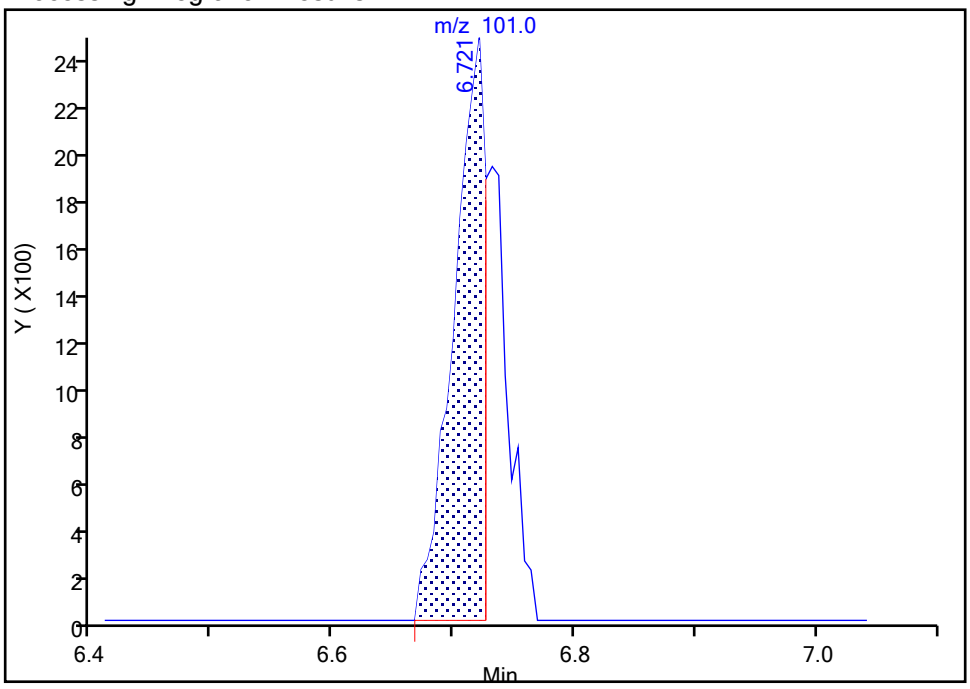
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

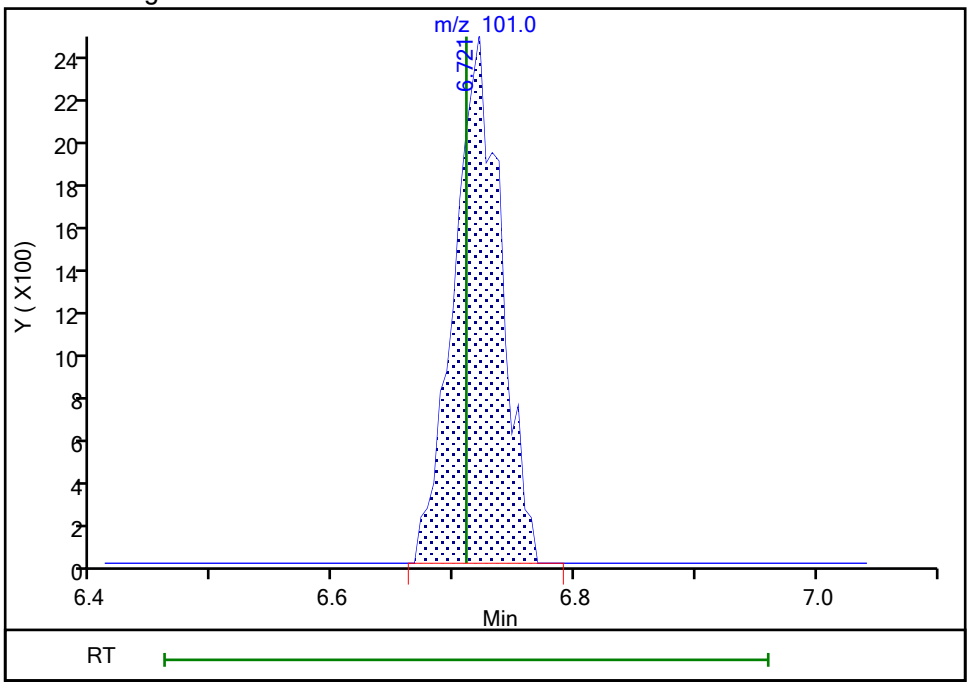
Processing Integration Results

RT: 6.72
Area: 4533
Amount: 0.153237
Amount Units: ppb v/v



Manual Integration Results

RT: 6.72
Area: 6672
Amount: 0.213084
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:54:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

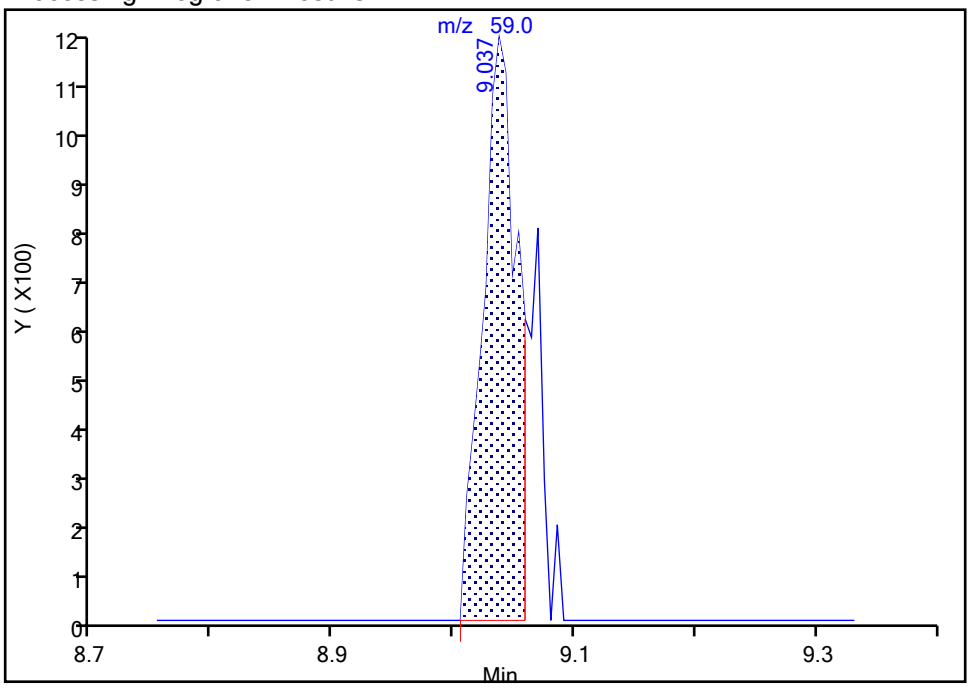
Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d
Injection Date: 16-Sep-2021 09:57:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

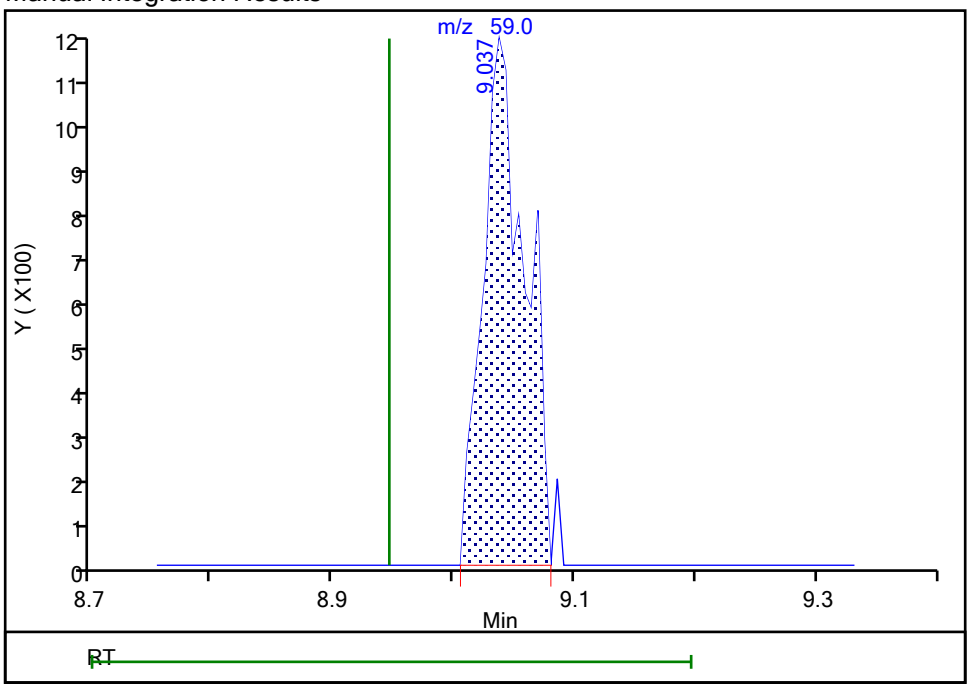
Processing Integration Results

RT: 9.04
Area: 2190
Amount: 0.154138
Amount Units: ppb v/v



Manual Integration Results

RT: 9.04
Area: 2688
Amount: 0.179214
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:54:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

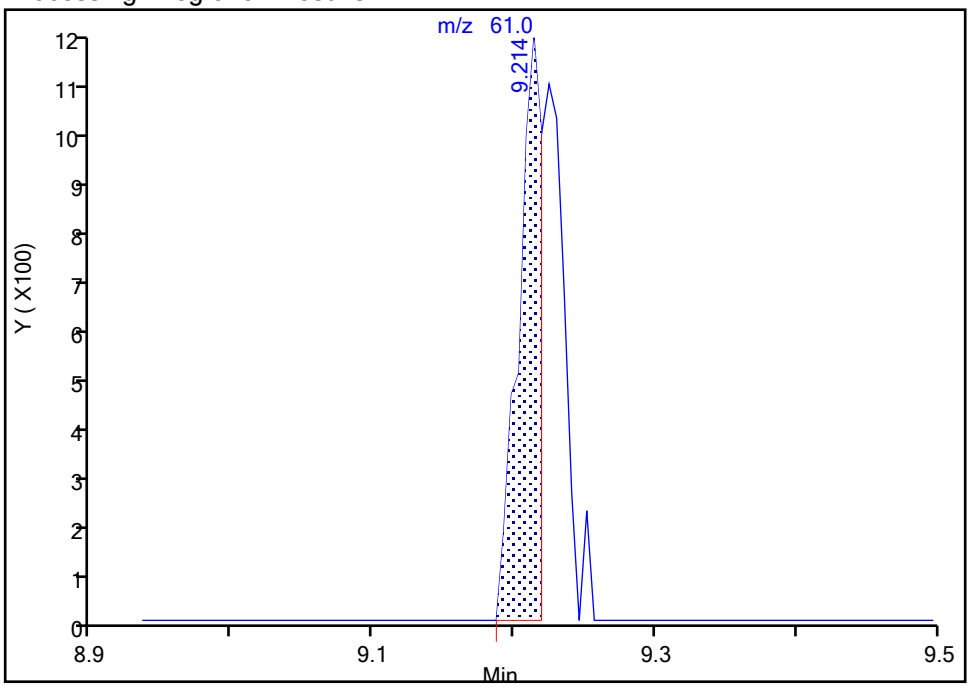
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

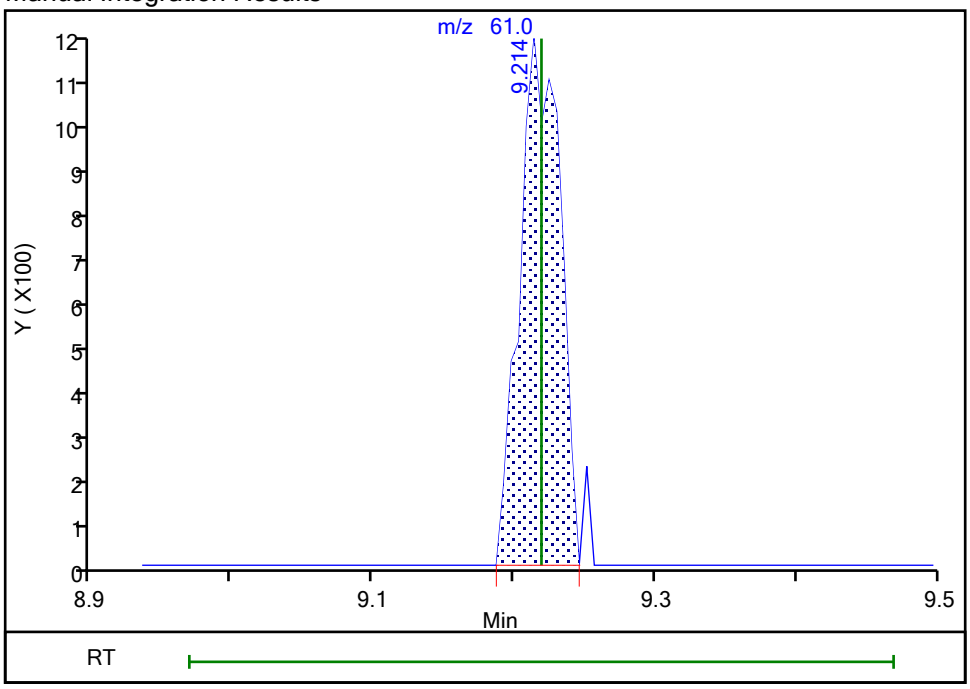
Processing Integration Results

RT: 9.21
Area: 1304
Amount: 0.121439
Amount Units: ppb v/v



Manual Integration Results

RT: 9.21
Area: 2225
Amount: 0.192219
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:54:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

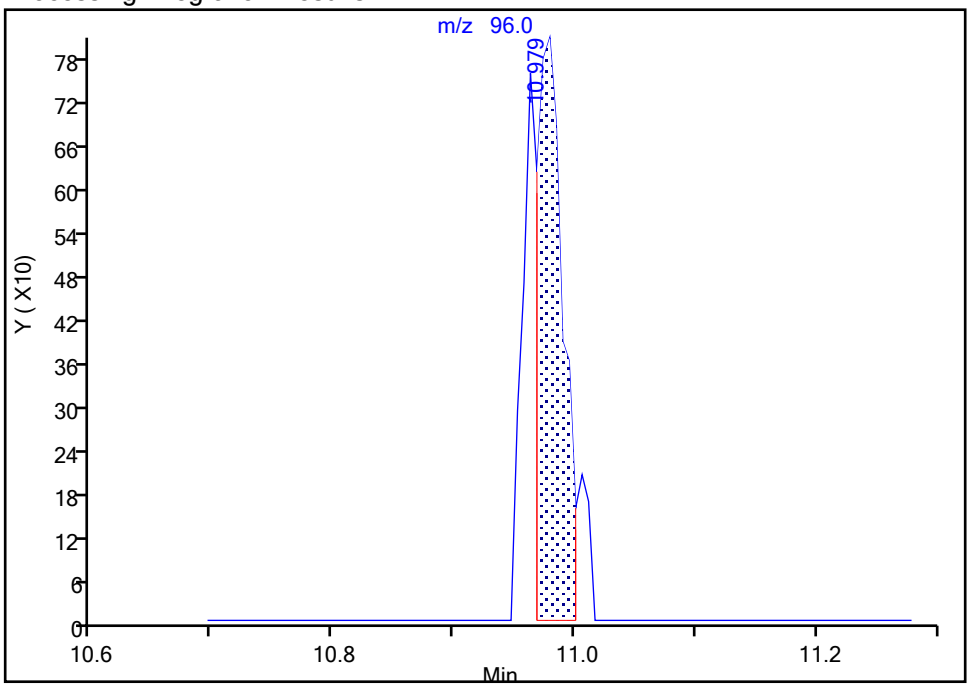
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

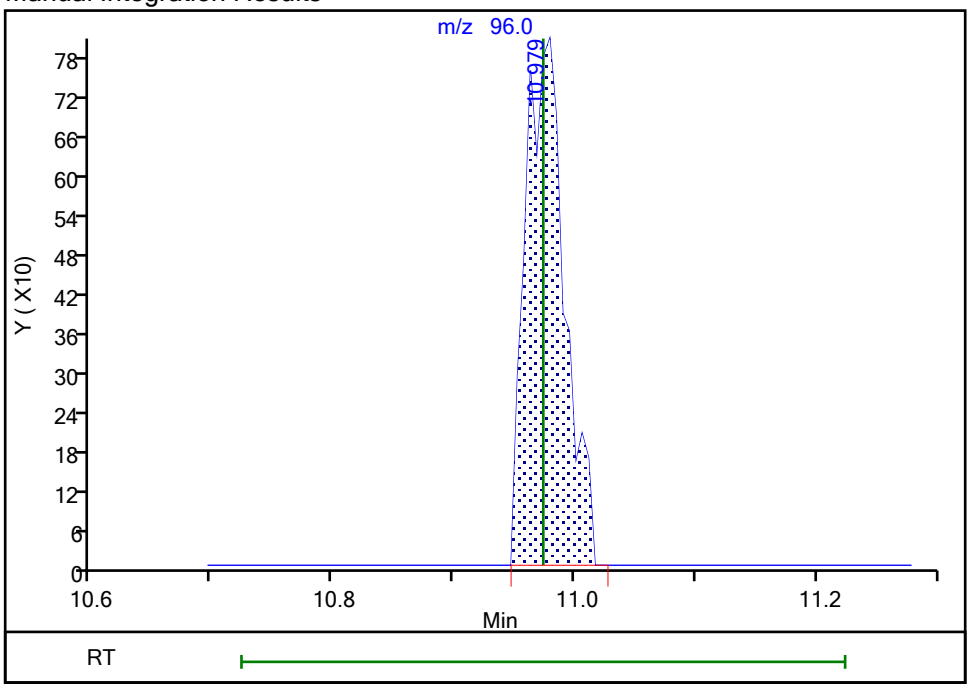
Processing Integration Results

RT: 10.98
Area: 1214
Amount: 0.164335
Amount Units: ppb v/v



Manual Integration Results

RT: 10.98
Area: 1816
Amount: 0.230581
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:55:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

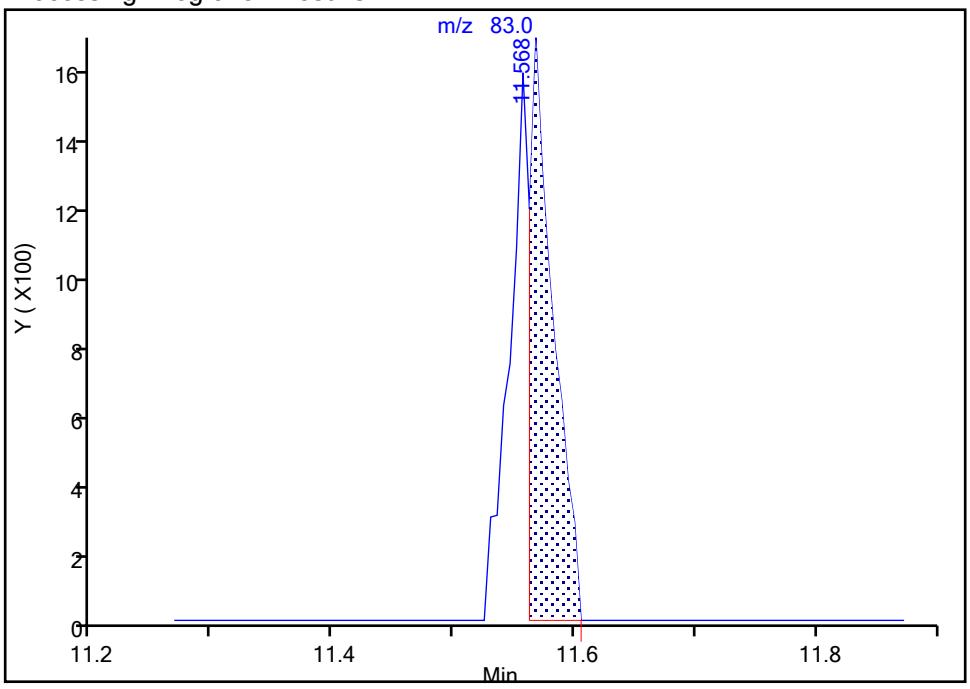
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

Signal: 1

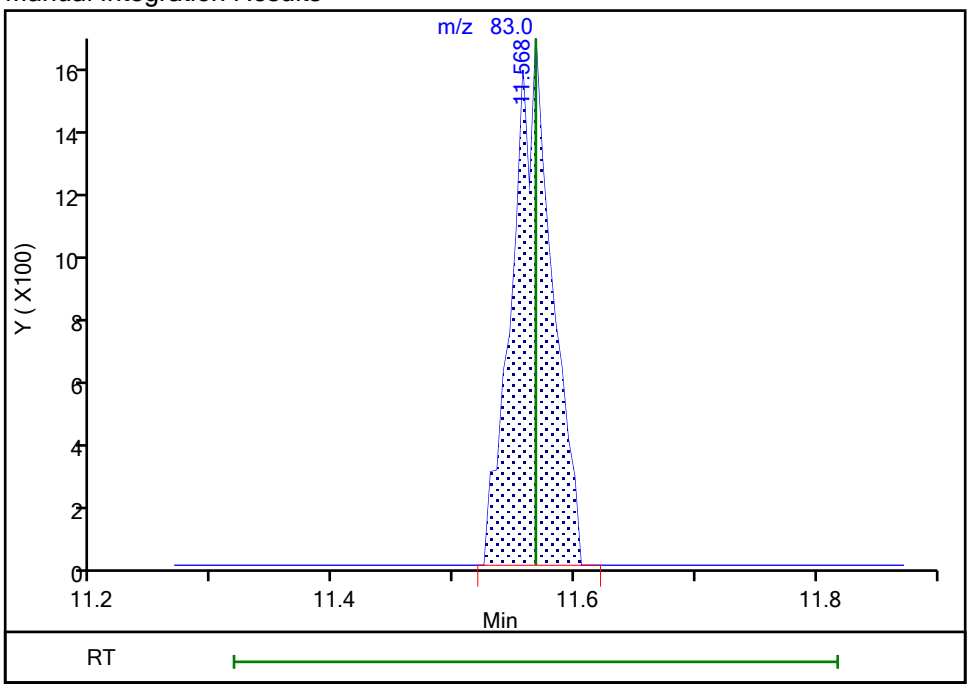
Processing Integration Results

RT: 11.57
Area: 2339
Amount: 0.127358
Amount Units: ppb v/v



Manual Integration Results

RT: 11.57
Area: 3820
Amount: 0.196533
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:55:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

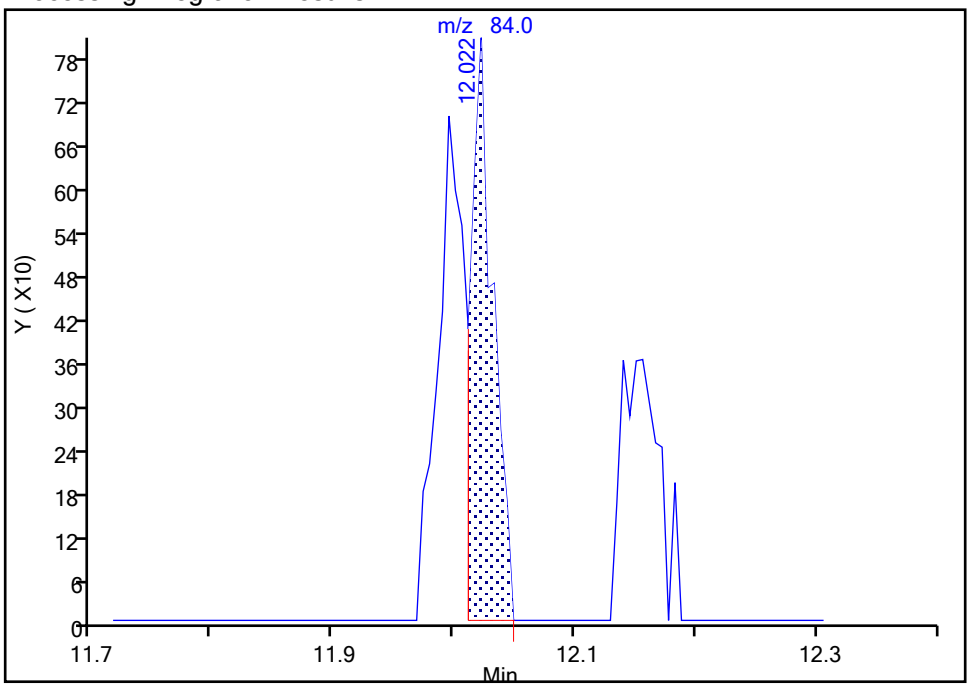
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

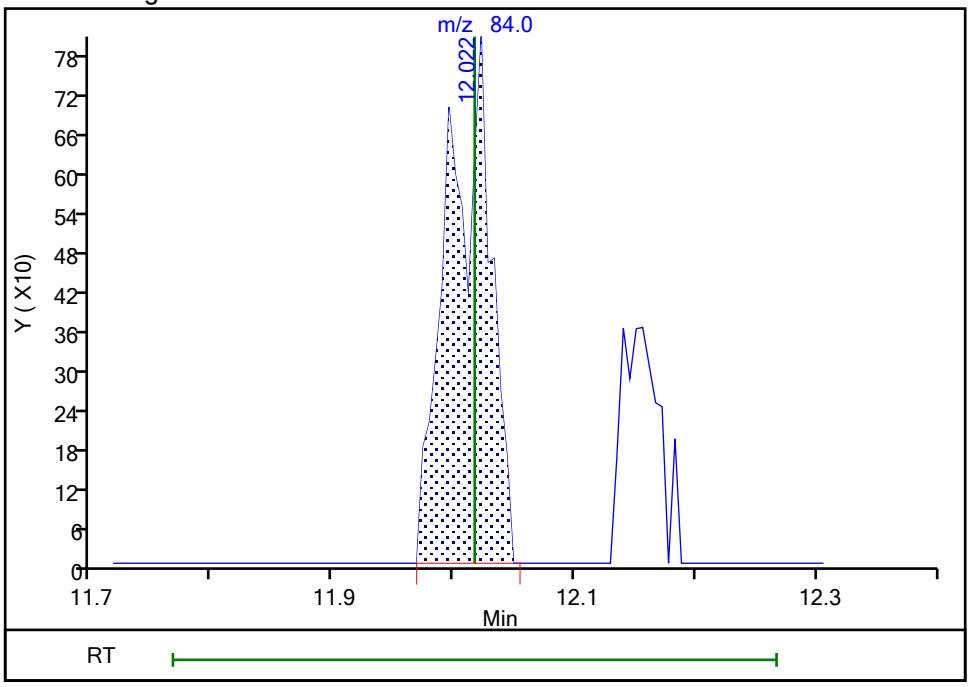
Processing Integration Results

RT: 12.02
Area: 1019
Amount: 0.104803
Amount Units: ppb v/v



Manual Integration Results

RT: 12.02
Area: 1973
Amount: 0.184351
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:55:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

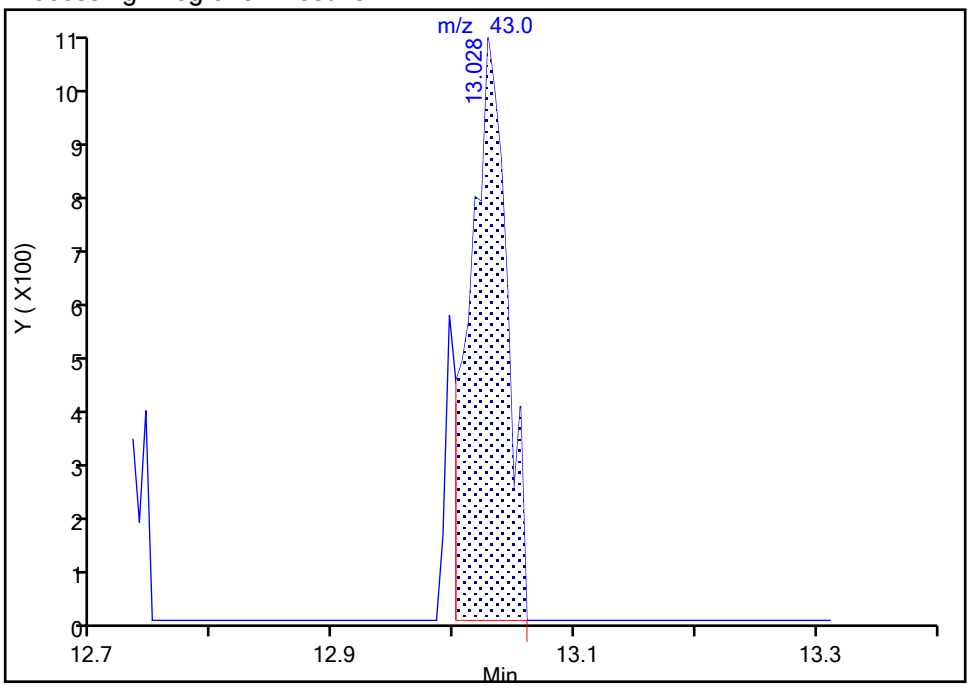
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

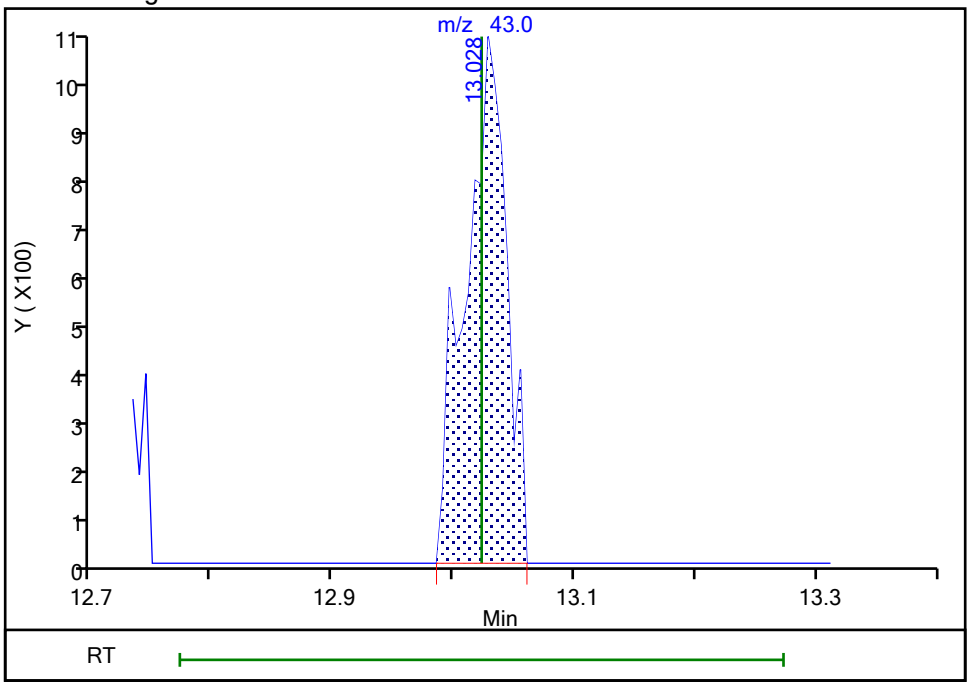
Processing Integration Results

RT: 13.03
Area: 2218
Amount: 0.181602
Amount Units: ppb v/v



Manual Integration Results

RT: 13.03
Area: 2441
Amount: 0.198663
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:55:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

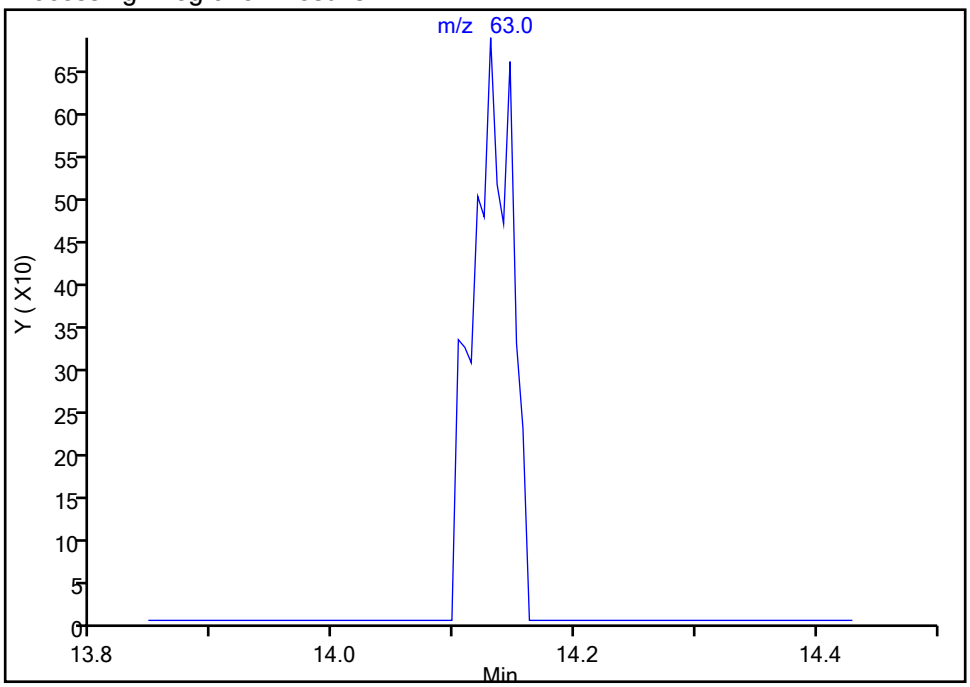
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

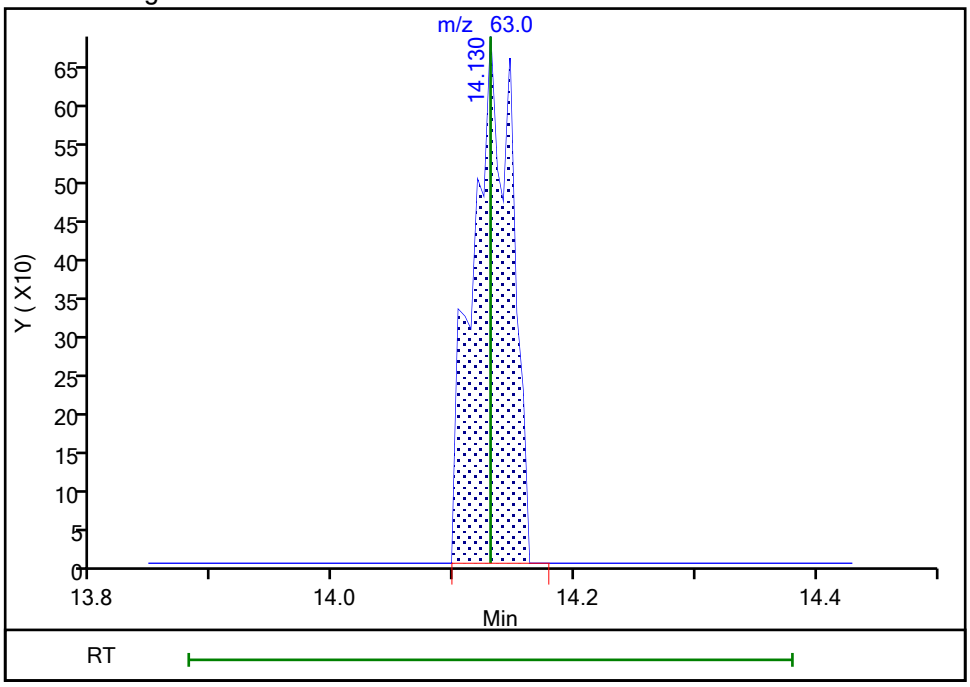
Processing Integration Results

Not Detected
Expected RT: 14.13



Manual Integration Results

RT: 14.13
Area: 1536
Amount: 0.185363
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:55:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

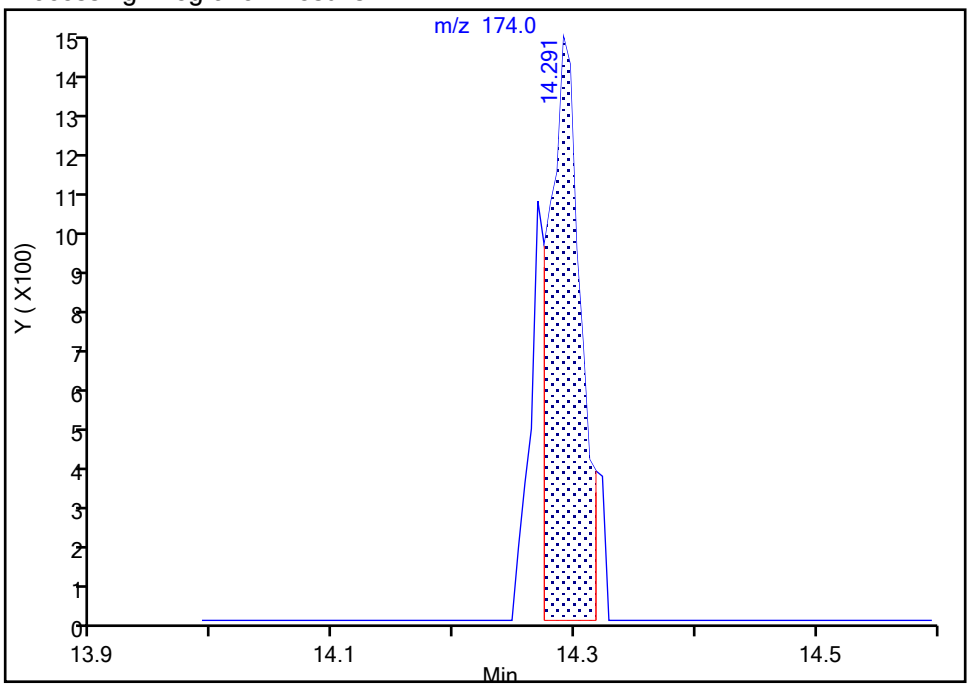
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

56 Dibromomethane, CAS: 74-95-3

Signal: 1

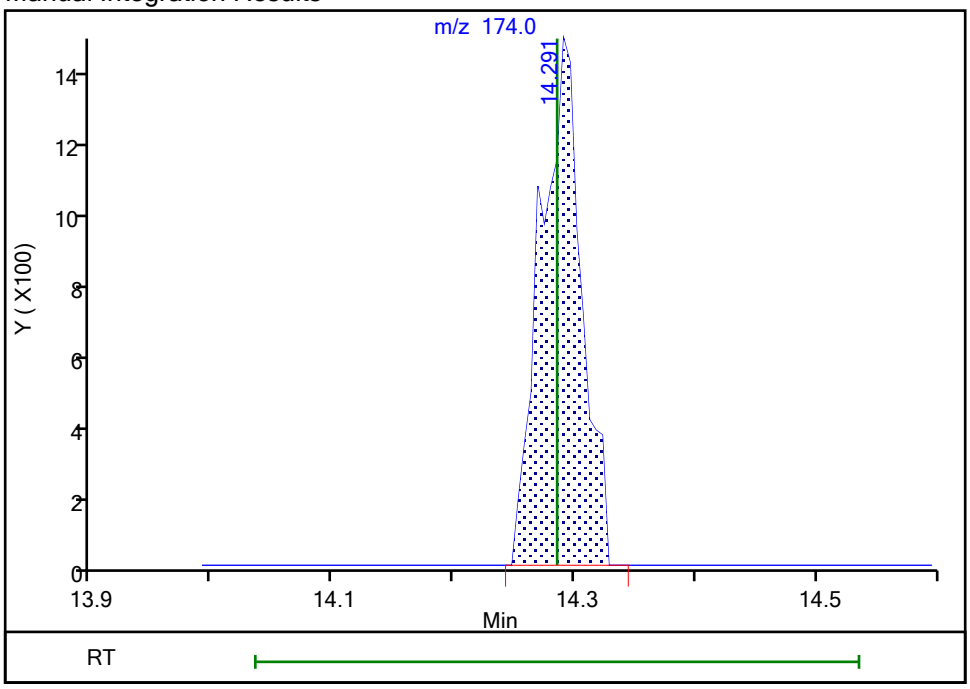
Processing Integration Results

RT: 14.29
Area: 2617
Amount: 0.169972
Amount Units: ppb v/v



Manual Integration Results

RT: 14.29
Area: 3374
Amount: 0.210255
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

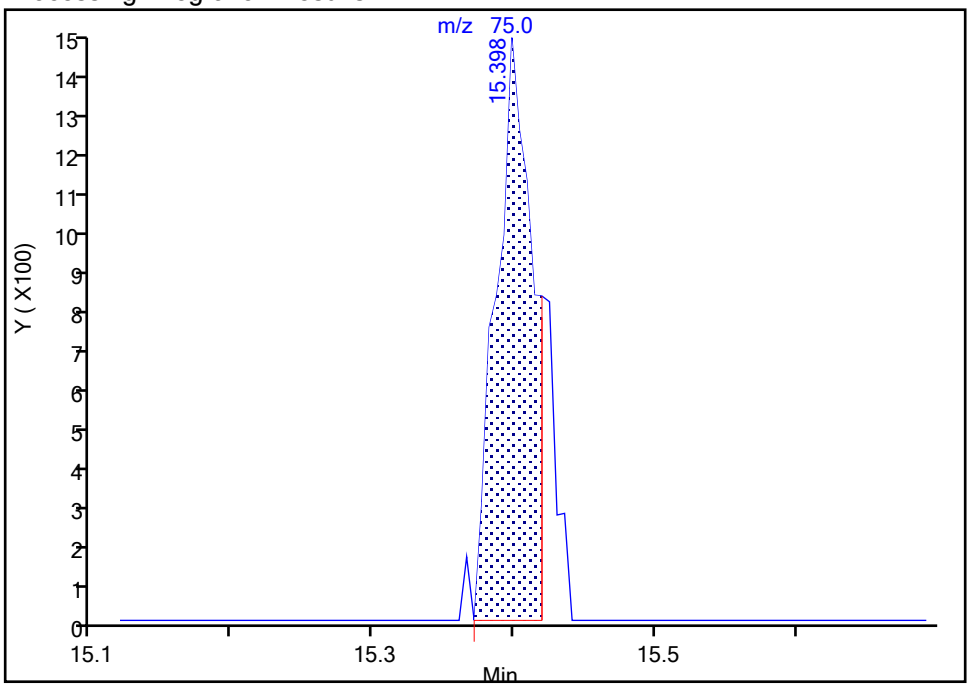
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

60 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

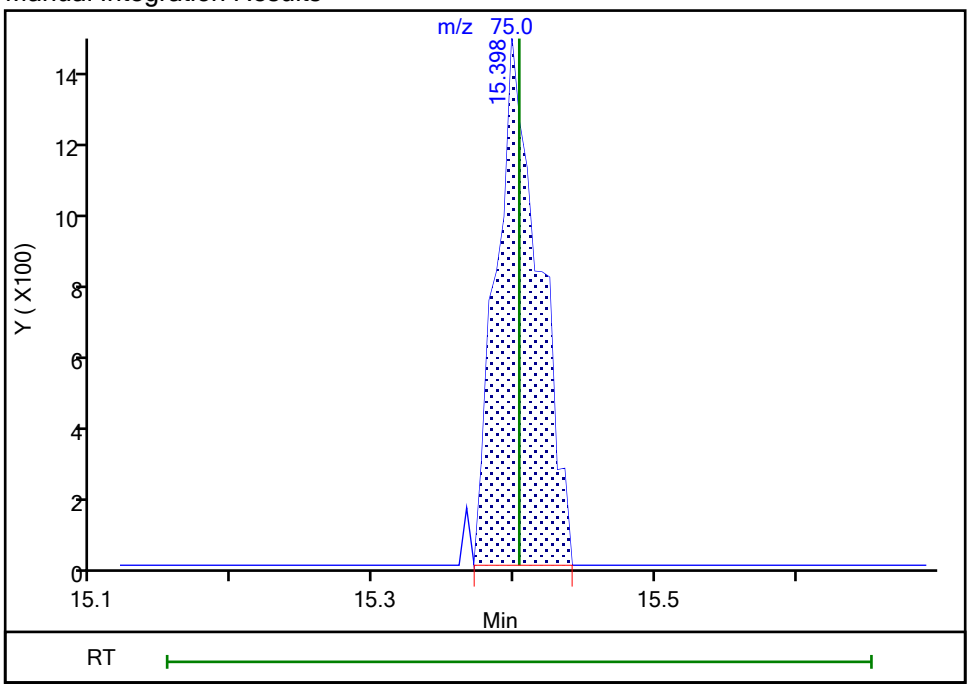
Processing Integration Results

RT: 15.40
Area: 2568
Amount: 0.168264
Amount Units: ppb v/v



Manual Integration Results

RT: 15.40
Area: 2984
Amount: 0.191706
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:12
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

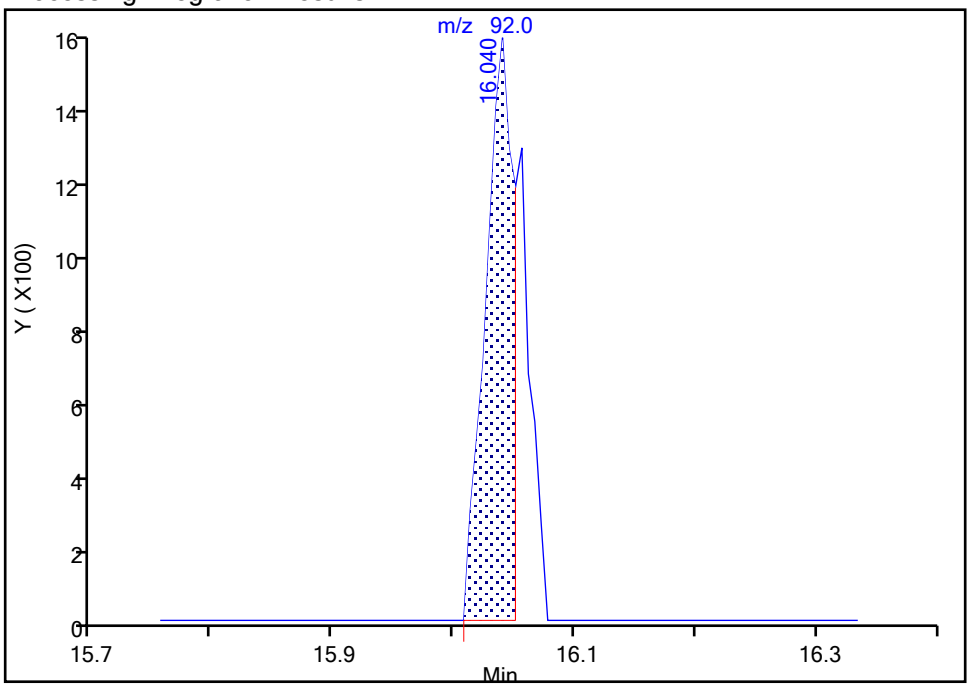
Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d
Injection Date: 16-Sep-2021 09:57:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

62 Toluene, CAS: 108-88-3

Signal: 1

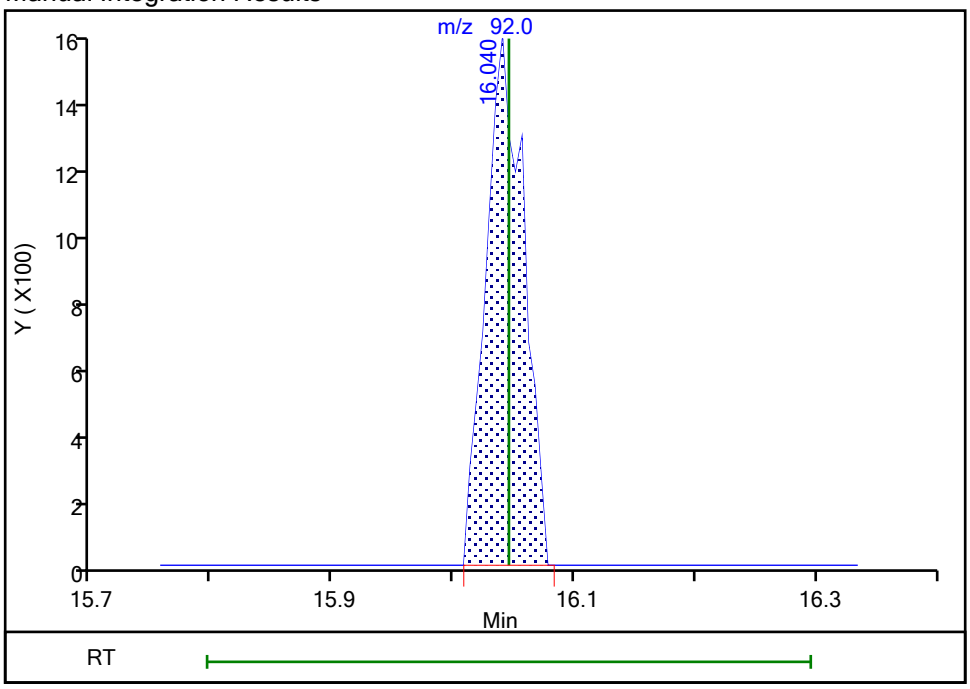
Processing Integration Results

RT: 16.04
Area: 2454
Amount: 0.151169
Amount Units: ppb v/v



Manual Integration Results

RT: 16.04
Area: 3299
Amount: 0.196648
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

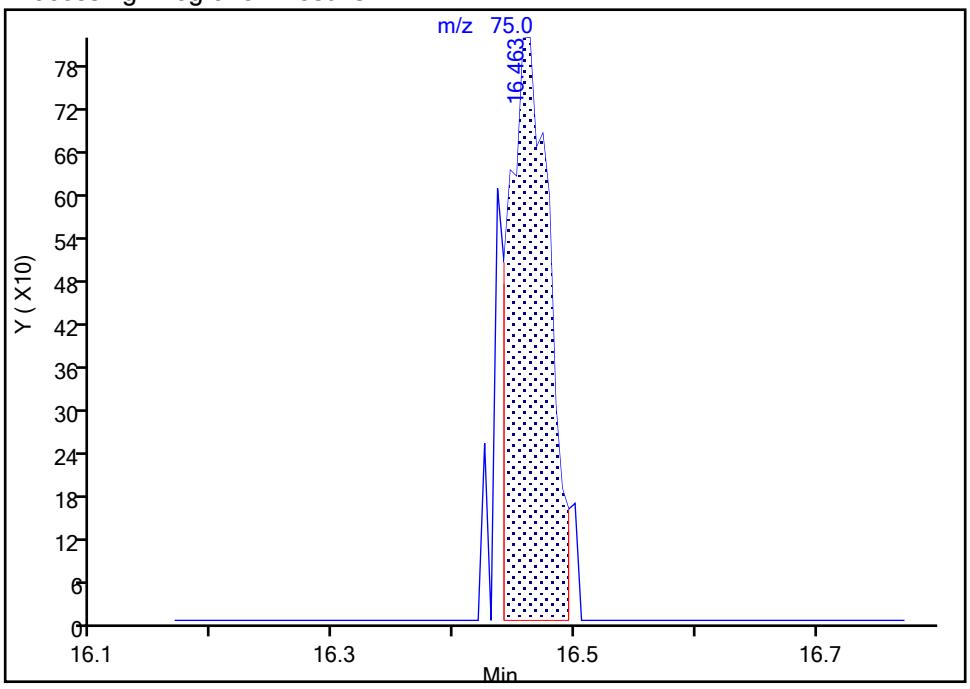
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

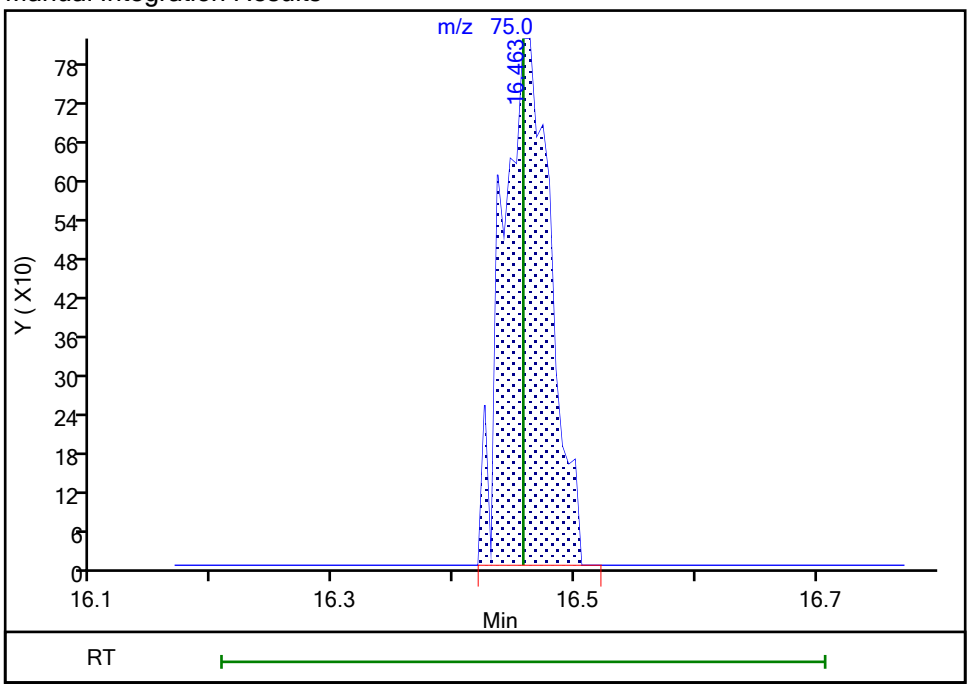
Processing Integration Results

RT: 16.46
Area: 1905
Amount: 0.132804
Amount Units: ppb v/v



Manual Integration Results

RT: 16.46
Area: 2230
Amount: 0.158019
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

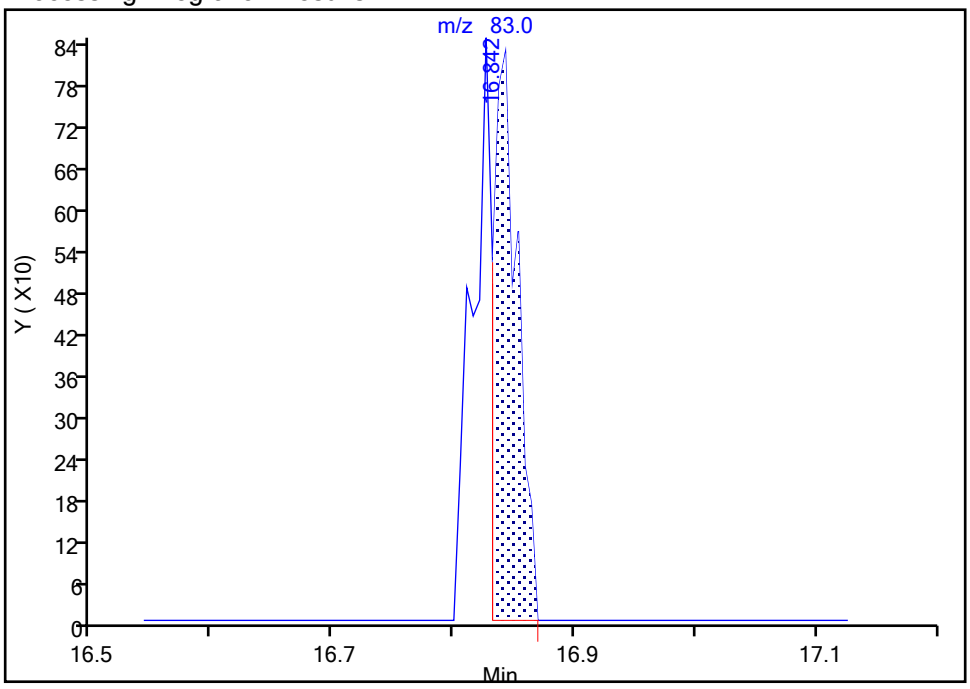
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

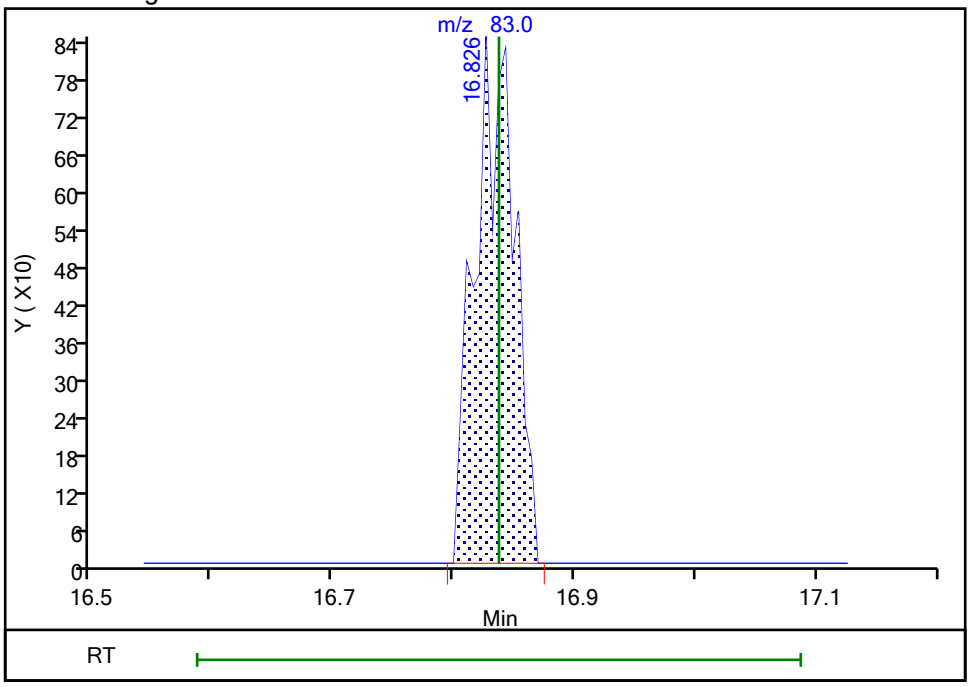
Processing Integration Results

RT: 16.84
Area: 1143
Amount: 0.152474
Amount Units: ppb v/v



Manual Integration Results

RT: 16.83
Area: 1933
Amount: 0.241157
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

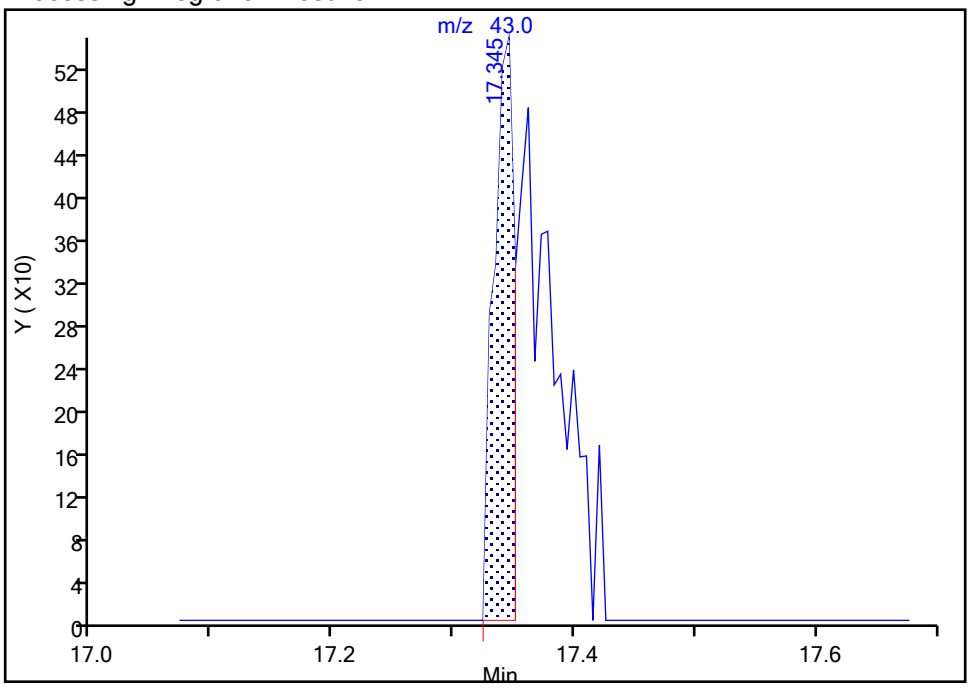
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 2-Hexanone, CAS: 591-78-6

Signal: 1

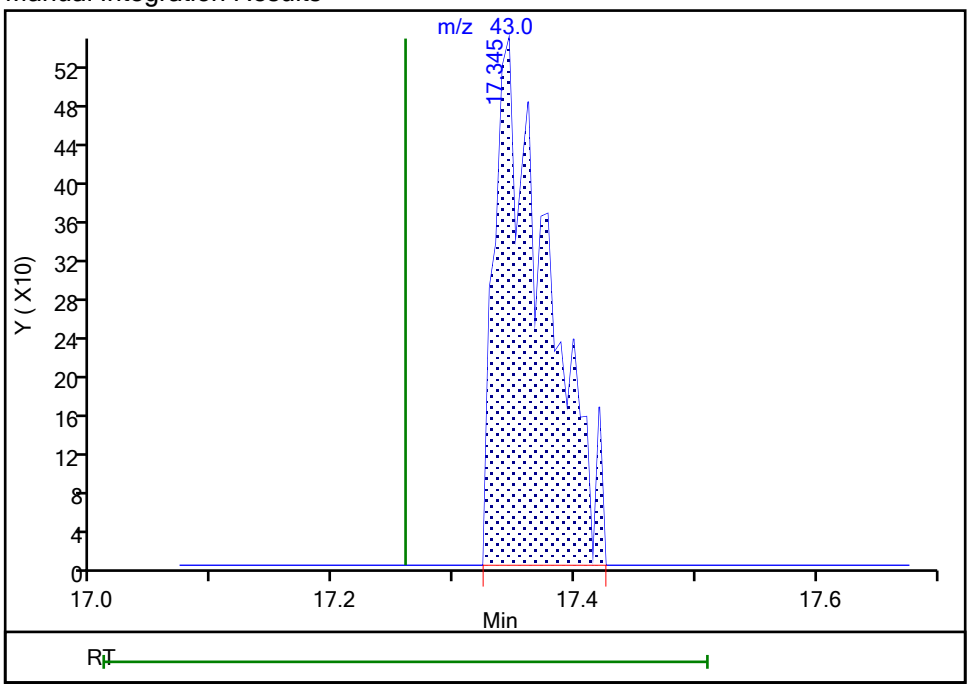
Processing Integration Results

RT: 17.35
Area: 643
Amount: 0.053600
Amount Units: ppb v/v



Manual Integration Results

RT: 17.35
Area: 1655
Amount: 0.129038
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:56:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

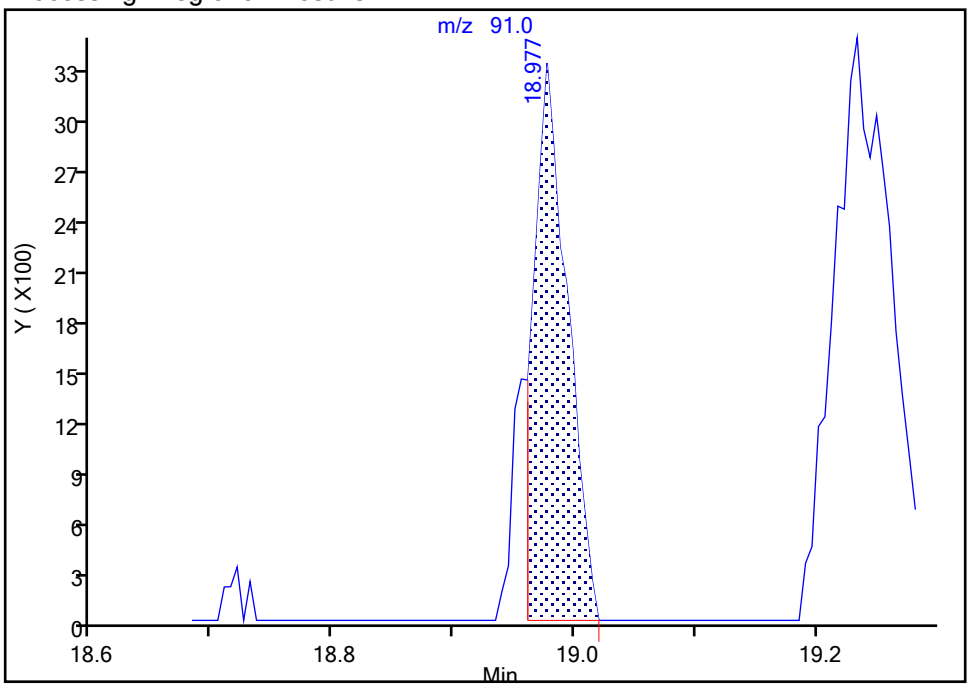
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 Ethylbenzene, CAS: 100-41-4

Signal: 1

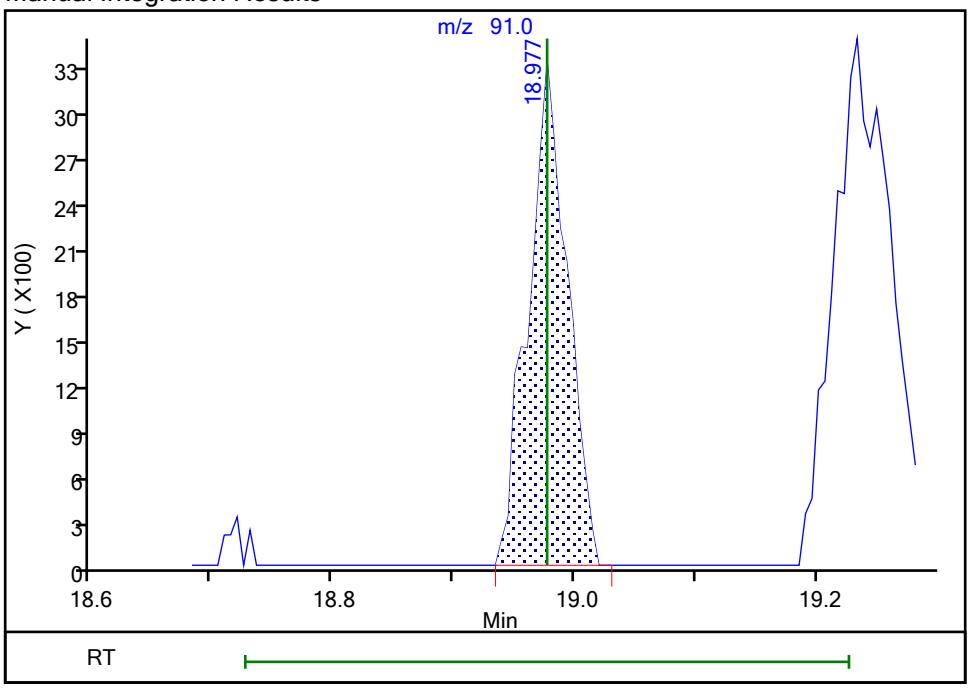
Processing Integration Results

RT: 18.98
Area: 6389
Amount: 0.174571
Amount Units: ppb v/v



Manual Integration Results

RT: 18.98
Area: 7409
Amount: 0.198115
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:57:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

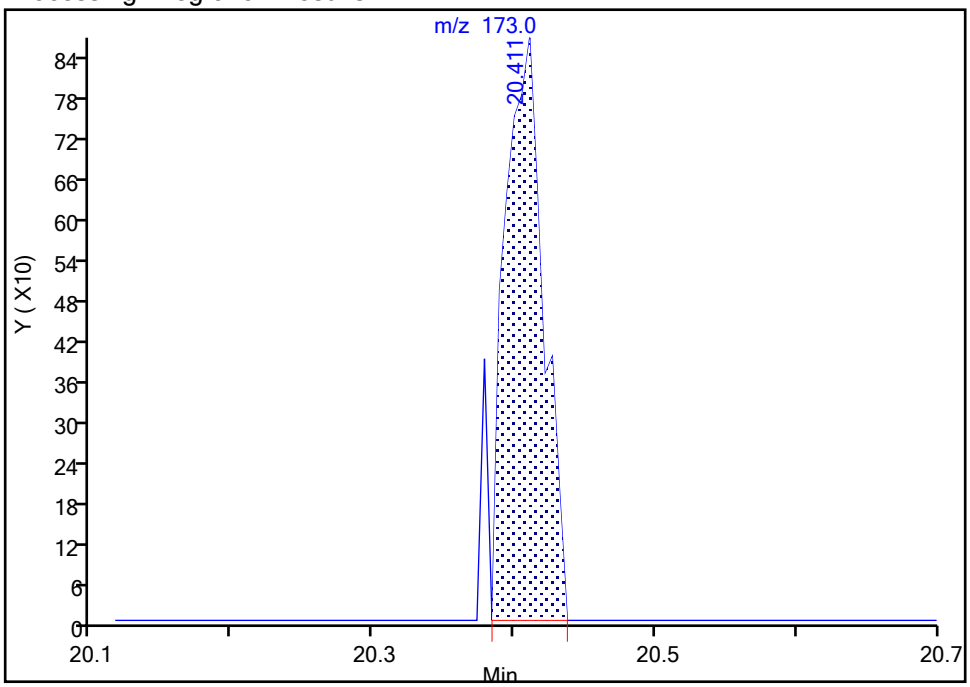
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 Bromoform, CAS: 75-25-2

Signal: 1

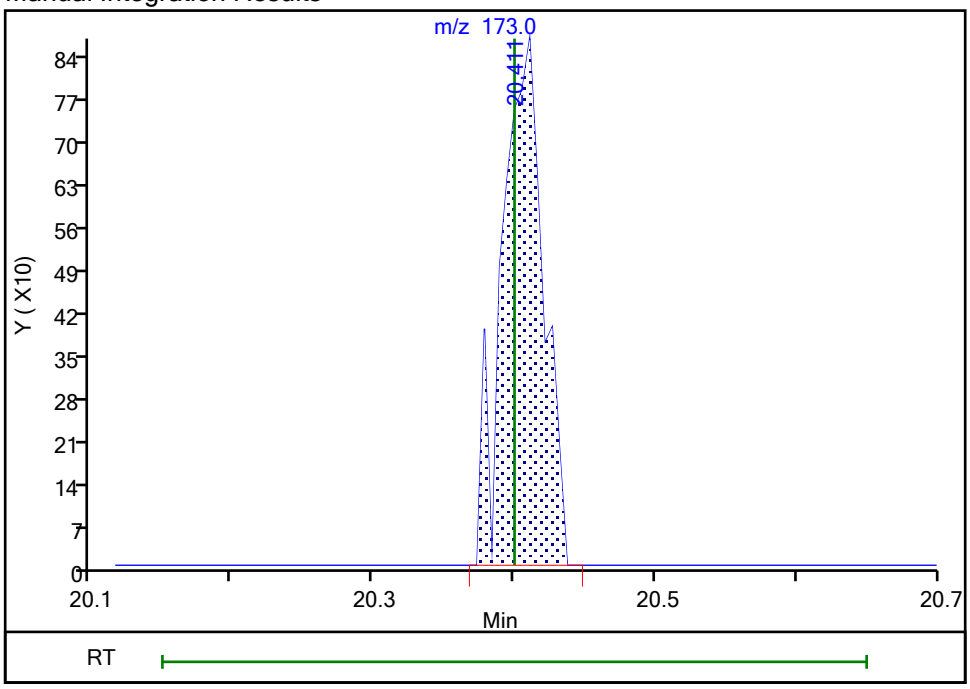
Processing Integration Results

RT: 20.41
Area: 1631
Amount: 0.087682
Amount Units: ppb v/v



Manual Integration Results

RT: 20.41
Area: 1756
Amount: 0.095544
Amount Units: ppb v/v



Reviewer: phamvu, 16-Sep-2021 10:57:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

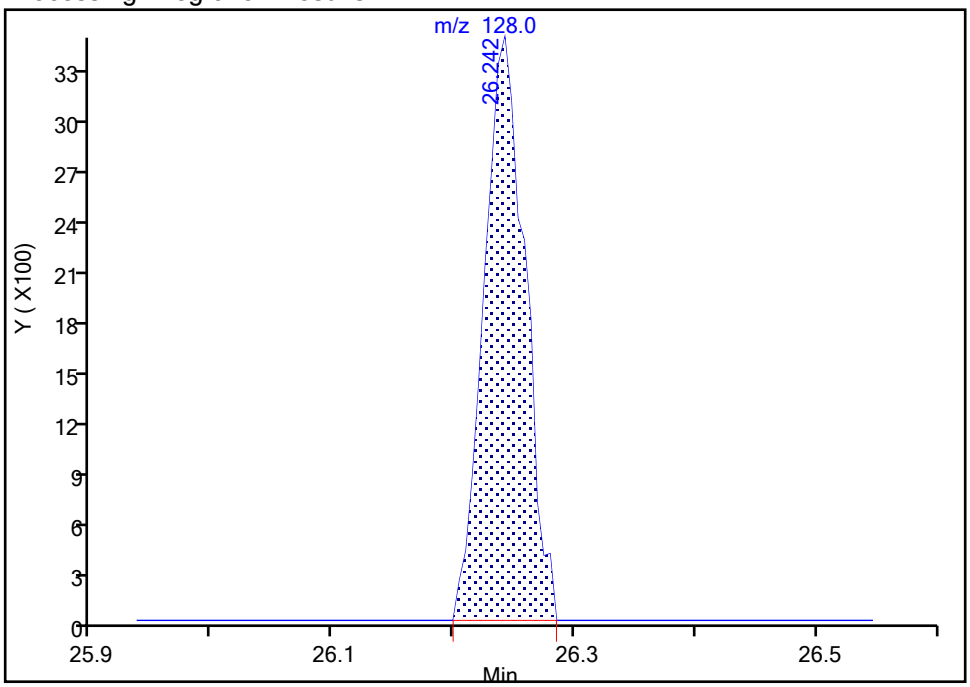
Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d
Injection Date: 16-Sep-2021 09:57:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

102 Naphthalene, CAS: 91-20-3

Signal: 1

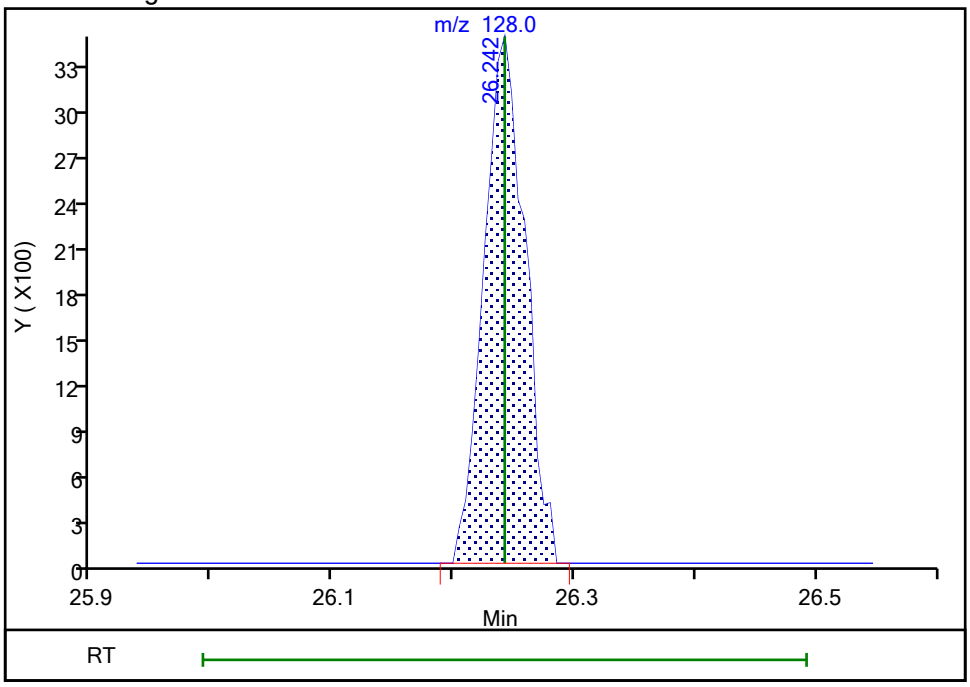
Processing Integration Results

RT: 26.24
Area: 8086
Amount: 0.305577
Amount Units: ppb v/v



Manual Integration Results

RT: 26.24
Area: 8086
Amount: 0.293530
Amount Units: ppb v/v



Reviewer: bourdeaut, 16-Sep-2021 11:10:16
Audit Action: Manually Integrated Audit Reason: Baseline

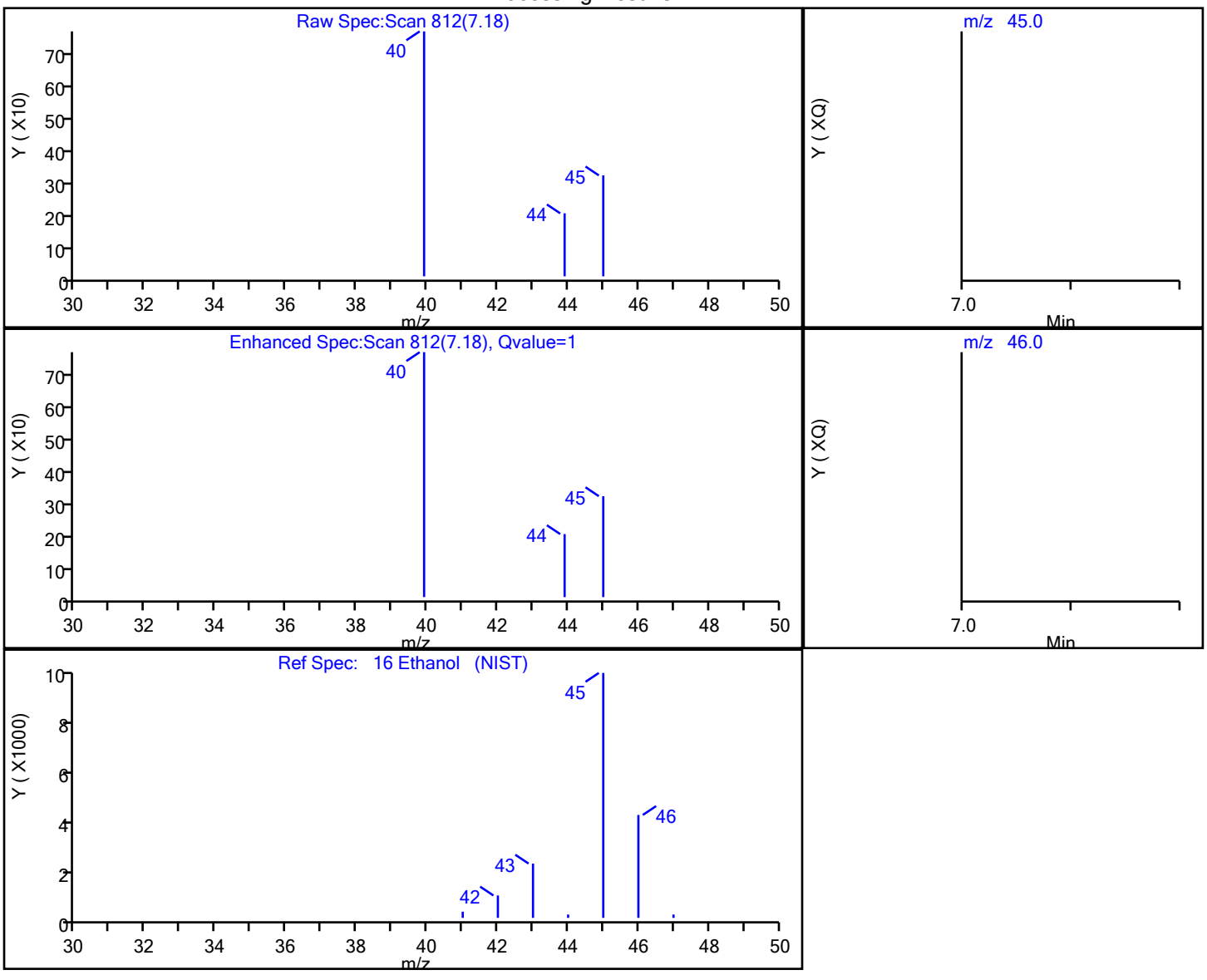
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
7.18	45.00	273	0.116167
7.12	46.00	0	

Reviewer: phamvu, 16-Sep-2021 10:54:31

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

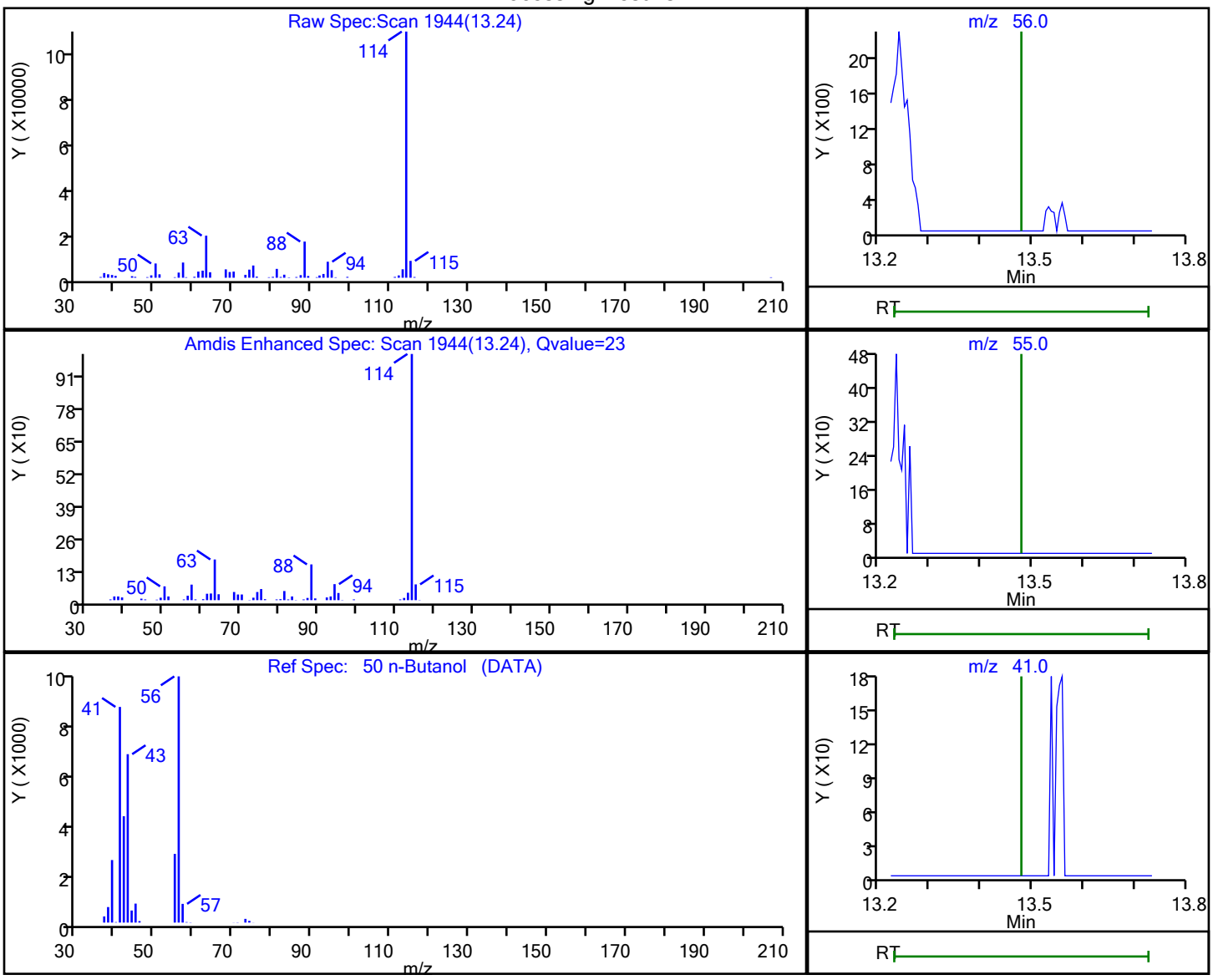
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d				
Injection Date:	16-Sep-2021 09:57:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
13.24	56.00	5218	0.564881
13.47	55.00	0	
13.47	41.00	0	

Reviewer: phamvu, 16-Sep-2021 10:55:47

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

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: ICV 200-171376/22 Calibration Date: 09/16/2021 12:39

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47557-022.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.446	1.252		8.77	10.1	-13.4	30.0
Dichlorodifluoromethane	Ave	5.641	4.890		9.17	10.6	-13.3	30.0
Chlorodifluoromethane	Ave	2.935	2.362		8.51	10.6	-19.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.315	4.684		9.33	10.6	-11.9	30.0
Chloromethane	Ave	1.519	1.388		9.08	9.94	-8.6	30.0
Vinyl chloride	Ave	1.720	1.496		8.69	9.99	-13.0	30.0
n-Butane	Ave	2.527	1.884		7.68	10.3	-25.4	30.0
1,3-Butadiene	Ave	1.330	1.114		8.13	9.70	-16.2	30.0
Bromomethane	Ave	1.698	1.508		9.23	10.4	-11.2	30.0
Chloroethane	Ave	0.8533	0.7063		8.75	10.6	-17.2	30.0
Isopentane	Ave	1.754	1.413		8.42	10.4	-19.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.714	1.632		9.57	10.0	-4.8	30.0
Trichlorofluoromethane	Ave	5.205	4.486		8.97	10.4	-13.8	30.0
n-Pentane	Ave	2.350	1.977		8.59	10.2	-15.9	30.0
Ethanol	Ave	0.4434	0.4156		13.8	14.7	-6.3	30.0
Ethyl ether	Ave	0.9180	0.8359		9.31	10.2	-8.9	30.0
Acrolein	Ave	0.5296	0.4819		8.83	9.71	-9.0	30.0
1,1-Dichloroethene	Ave	1.528	1.404		9.36	10.2	-8.1	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.327	2.888		9.27	10.7	-13.2	30.0
Acetone	Ave	1.973	1.571		8.30	10.4	-20.4	30.0
Carbon disulfide	Ave	3.888	3.409		9.08	10.4	-12.3	30.0
Isopropyl alcohol	Ave	1.998	1.760		8.95	10.2	-11.9	30.0
Acetonitrile	Ave	0.7835	0.6660		8.26	9.72	-15.0	30.0
3-Chloropropene	Ave	1.591	1.295		8.73	10.7	-18.6	30.0
Methylene Chloride	Ave	1.464	1.168		8.17	10.2	-20.2	30.0
tert-Butyl alcohol	Ave	2.493	2.098		9.09	10.8	-15.9	30.0
Acrylonitrile	Ave	0.7542	0.6807		9.20	10.2	-9.7	30.0
trans-1,2-Dichloroethene	Ave	1.924	1.630		8.75	10.3	-15.3	30.0
Methyl tert-butyl ether	Ave	3.913	3.321		8.96	10.6	-15.1	30.0
n-Hexane	Ave	1.753	1.486		8.88	10.5	-15.2	30.0
1,1-Dichloroethane	Ave	2.400	1.913		8.18	10.3	-20.3	30.0
Vinyl acetate	Ave	2.883	2.374		8.29	10.1	-17.7	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.5254	0.5306		10.5	10.4	1.0	30.0
cis-1,2-Dichloroethene	Ave	1.309	1.278		10.1	10.4	-2.4	30.0
Ethyl acetate	Ave	0.1132	0.0974		8.78	10.2	-14.0	30.0
Tetrahydrofuran	Ave	0.2849	0.2330		8.02	9.81	-18.2	30.0
Chloroform	Ave	3.231	2.662		8.50	10.3	-17.6	30.0
1,1,1-Trichloroethane	Ave	0.8480	0.7227		8.79	10.3	-14.8	30.0
Cyclohexane	Ave	0.3927	0.3551		9.24	10.2	-9.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: ICV 200-171376/22 Calibration Date: 09/16/2021 12:39

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47557-022.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	1.085	0.8964		8.30	10.0	-17.4	30.0
Benzene	Ave	0.8652	0.7794		9.36	10.4	-9.9	30.0
1,2-Dichloroethane	Ave	0.4792	0.3853		8.41	10.5	-19.6	30.0
2,2,4-Trimethylpentane	Ave	1.225	1.124		9.30	10.1	-8.2	30.0
n-Heptane	Ave	0.4508	0.3836		8.77	10.3	-14.9	30.0
n-Butanol	Ave	0.1827	0.1673		8.34	9.11	-8.4	30.0
Trichloroethene	Ave	0.4262	0.3954		9.54	10.3	-7.2	30.0
1,2-Dichloropropane	Ave	0.3040	0.2658		9.05	10.3	-12.6	30.0
Methyl methacrylate	Ave	0.2852	0.2634		9.43	10.2	-7.7	30.0
1,4-Dioxane	Ave	0.1756	0.1652		9.68	10.3	-5.9	30.0
Dibromomethane	Ave	0.5888	0.5515		9.68	10.3	-6.3	30.0
Bromodichloromethane	Ave	0.7467	0.6538		9.01	10.3	-12.4	30.0
cis-1,3-Dichloropropene	Ave	0.5711	0.5067		8.82	9.94	-11.3	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6172	0.5039		8.32	10.2	-18.4	30.0
Toluene	Ave	0.7730	0.7117		9.39	10.2	-7.9	30.0
n-Octane	Ave	0.6124	0.5372		9.03	10.3	-12.3	30.0
trans-1,3-Dichloropropene	Ave	0.5178	0.4662		8.87	9.85	-10.0	30.0
1,1,2-Trichloroethane	Ave	0.3693	0.3265		9.27	10.5	-11.6	30.0
Tetrachloroethene	Ave	0.8776	0.8827		10.5	10.5	0.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5910	0.5223		8.93	10.1	-11.6	30.0
Dibromochloromethane	Ave	1.014	0.8657		9.05	10.6	-14.6	30.0
1,2-Dibromoethane	Ave	0.6703	0.6318		10.0	10.7	-5.7	30.0
Chlorobenzene	Ave	1.115	1.043		9.82	10.5	-6.5	30.0
Ethylbenzene	Ave	1.723	1.603		9.51	10.2	-7.0	30.0
m,p-Xylene	Ave	0.7003	0.7032		20.1	20.0	0.4	30.0
n-Nonane	Ave	0.6661	0.6311		9.92	10.5	-5.3	30.0
o-Xylene	Ave	0.6748	0.6474		9.95	10.4	-4.1	30.0
Styrene	Ave	1.005	1.014		10.4	10.3	0.9	30.0
Bromoform	Ave	0.8468	0.8159		9.92	10.3	-3.7	30.0
Cumene	Ave	1.954	1.904		10.2	10.5	-2.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9544	0.8725		9.46	10.3	-8.6	30.0
1,2,3-Trichloropropane	Ave	0.7604	0.6724		9.41	10.6	-11.6	30.0
n-Propylbenzene	Ave	2.242	2.142		9.89	10.4	-4.5	30.0
2-Chlorotoluene	Ave	1.458	1.338		9.57	10.4	-8.2	30.0
4-Ethyltoluene	Ave	1.898	1.933		10.4	10.2	1.8	30.0
1,3,5-Trimethylbenzene	Ave	1.715	1.664		10.2	10.5	-3.0	30.0
n-Decane	Ave	0.8167	0.8183		10.4	10.3	0.2	30.0
Alpha Methyl Styrene	Ave	0.8816	0.9093		10.5	10.2	3.1	30.0
tert-Butylbenzene	Ave	1.780	1.737		10.1	10.4	-2.4	30.0
1,2,4-Trimethylbenzene	Ave	1.732	1.657		9.99	10.4	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: ICV 200-171376/22 Calibration Date: 09/16/2021 12:39

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47557-022.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.463	2.356		10.0	10.5	-4.3	30.0
1,3-Dichlorobenzene	Ave	1.182	1.214		10.4	10.2	2.7	30.0
4-Isopropyltoluene	Ave	2.198	2.131		10.2	10.5	-3.1	30.0
1,4-Dichlorobenzene	Ave	1.076	1.099		10.6	10.4	2.2	30.0
Benzyl chloride	Ave	1.148	1.188		10.5	10.2	3.5	30.0
n-Butylbenzene	Ave	1.732	1.677		10.2	10.5	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.221	1.140		10.0	10.8	-6.7	30.0
n-Undecane	Ave	0.9759	0.7997		8.78	10.7	-18.1	30.0
n-Dodecane	Ave	0.8343	0.6217		7.93	10.6	-25.5	30.0
1,2,4-Trichlorobenzene	Ave	0.6672	0.6537		10.8	11.0	-2.0	30.0
Hexachlorobutadiene	Ave	1.559	1.458		10.1	10.8	-6.5	30.0
Naphthalene	Ave	1.269	1.058		8.75	10.5	-16.6	30.0
1,2,3-Trichlorobenzene	Ave	0.8229	0.6280		8.29	10.9	-23.7	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-022.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 16-Sep-2021 12:39:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-022
Operator ID: vtp Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:35:05 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: phamvu Date: 16-Sep-2021 14:34:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.121	4.137	-0.016	99	81721	10.1	8.77	
2 Dichlorodifluoromethane	85	4.212	4.233	-0.021	99	333378	10.6	9.17	
3 Chlorodifluoromethane	51	4.260	4.276	-0.016	97	161050	10.6	8.51	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.575	4.597	-0.022	89	319666	10.6	9.33	
5 Chloromethane	50	4.688	4.709	-0.021	99	88925	9.94	9.08	
6 Vinyl chloride	62	5.003	5.019	-0.016	82	96304	9.99	8.69	
7 Butane	43	5.009	5.030	-0.021	98	125067	10.3	7.68	
8 Butadiene	54	5.121	5.143	-0.021	94	69655	9.70	8.13	
9 Bromomethane	94	5.838	5.859	-0.021	98	101033	10.4	9.23	
10 Chloroethane	64	6.116	6.132	-0.016	99	48109	10.6	8.75	
12 BFB									
11 2-Methylbutane	43	6.330	6.352	-0.022	93	95166	10.4	8.42	
13 Vinyl bromide	106	6.539	6.560	-0.021	99	105694	10.0	9.57	
14 Trichlorofluoromethane	101	6.705	6.721	-0.016	98	300927	10.4	8.97	
15 Pentane	43	6.913	6.929	-0.016	99	130061	10.2	8.59	
16 Ethanol	45	7.106	7.122	-0.016	99	39326	14.7	13.8	
18 Ethyl ether	59	7.357	7.368	-0.011	94	55103	10.2	9.31	
19 Acrolein	56	7.587	7.598	-0.011	96	30154	9.71	8.83	
20 1,1-Dichloroethene	96	7.775	7.785	-0.010	95	92200	10.2	9.36	
21 112TCTFE	101	7.823	7.828	-0.005	91	198764	10.7	9.27	
22 Acetone	43	7.871	7.887	-0.016	98	105586	10.4	8.30	
24 Isopropyl alcohol	45	8.186	8.192	-0.006	60	115325	10.2	8.95	
23 Carbon disulfide	76	8.181	8.197	-0.016	100	227550	10.4	9.08	
25 Acetonitrile	41	8.368	8.374	-0.006	98	41718	9.72	8.26	
26 3-Chloro-1-propene	41	8.475	8.486	-0.011	98	89574	10.7	8.73	
27 Methylene Chloride	49	8.705	8.716	-0.011	87	77131	10.2	8.17	
28 2-Methyl-2-propanol	59	8.962	8.968	-0.006	93	145985	10.8	9.09	
29 Acrylonitrile	53	9.117	9.123	-0.006	96	44697	10.2	9.20	
30 trans-1,2-Dichloroethene	61	9.214	9.219	-0.005	95	108529	10.3	8.75	
31 Methyl tert-butyl ether	73	9.235	9.246	-0.011	96	225983	10.6	8.96	
32 Hexane	57	9.722	9.727	-0.005	91	100287	10.5	8.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	9.979	9.984	-0.005	99	126586	10.3	8.18	
34 Vinyl acetate	43	9.995	10.000	-0.005	99	154024	10.1	8.29	
S 35 1,2-Dichloroethene, Total	61				0		20.0	18.9	
37 2-Butanone (MEK)	72	10.958	10.963	-0.005	98	35425	10.4	10.5	
36 cis-1,2-Dichloroethene	96	10.974	10.979	-0.005	90	85380	10.4	10.1	
38 Ethyl acetate	88	11.059	11.038	0.021	99	6407	10.2	8.78	
* 39 Chlorobromomethane	128	11.386	11.391	-0.005	74	64452	10.0	10.0	
40 Tetrahydrofuran	42	11.444	11.450	-0.006	89	65570	9.81	8.02	
41 Chloroform	83	11.568	11.567	0.001	96	177008	10.3	8.50	
42 1,1,1-Trichloroethane	97	11.867	11.872	-0.005	94	213988	10.3	8.79	
43 Cyclohexane	84	12.012	12.017	-0.005	94	104144	10.2	9.24	
44 Carbon tetrachloride	117	12.151	12.151	0.000	97	258491	10.0	8.30	
45 Benzene	78	12.498	12.504	-0.006	96	232338	10.4	9.36	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	98	115651	10.5	8.41	
47 Isooctane	57	12.718	12.718	0.000	98	327088	10.1	9.30	
48 n-Heptane	43	13.028	13.028	0.000	88	113473	10.3	8.77	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	93	286983	10.0	10.0	
50 n-Butanol	56	13.477	13.483	-0.006	89	43733	9.11	8.34	
51 Trichloroethene	95	13.670	13.670	0.000	96	116755	10.3	9.54	
A 52 GRO	1	14.060	(6.342-21.779)		0	37312129	649.9	0	
53 1,2-Dichloropropane	63	14.130	14.130	0.000	88	78947	10.3	9.05	
55 Methyl methacrylate	69	14.226	14.221	0.005	96	77159	10.2	9.43	
57 1,4-Dioxane	88	14.269	14.280	-0.011	90	48785	10.3	9.68	
56 Dibromomethane	174	14.285	14.290	-0.005	87	163616	10.3	9.68	
58 Dichlorobromomethane	83	14.595	14.595	0.000	98	193028	10.3	9.01	
A 59 TVOC as Toluene	1	15.395	(4.127-26.664)		0	59926958	899.8	0	
60 cis-1,3-Dichloropropene	75	15.398	15.403	-0.005	92	144526	9.94	8.82	
61 4-Methyl-2-pentanone (MIBK)	43	15.671	15.671	0.000	95	147337	10.2	8.32	
62 Toluene	92	16.040	16.045	-0.005	93	177778	10.2	9.39	
63 n-Octane	43	16.291	16.297	-0.006	89	158751	10.3	9.03	
64 trans-1,3-Dichloropropene	75	16.457	16.457	0.000	97	131754	9.85	8.87	
65 1,1,2-Trichloroethane	83	16.832	16.832	0.000	96	83891	10.5	9.27	
66 Tetrachloroethene	166	17.030	17.035	-0.005	94	226340	10.5	10.5	
67 2-Hexanone	43	17.254	17.260	-0.006	97	129310	10.1	8.93	
68 Chlorodibromomethane	129	17.570	17.575	-0.005	97	224736	10.6	9.05	
69 Ethylene Dibromide	107	17.816	17.816	0.000	99	164934	10.7	10.0	
* 70 Chlorobenzene-d5	117	18.725	18.725	0.000	83	244953	10.0	10.0	
72 Chlorobenzene	112	18.784	18.784	0.000	97	268284	10.5	9.82	
73 Ethylbenzene	91	18.977	18.977	0.000	97	401494	10.2	9.51	
74 m-Xylene & p-Xylene	106	19.244	19.239	0.005	0	344438	20.0	20.1	
75 n-Nonane	57	19.303	19.309	-0.006	87	161833	10.5	9.92	
76 o-Xylene	106	20.015	20.015	0.000	99	164414	10.4	9.95	
77 Styrene	104	20.052	20.052	0.000	97	255338	10.3	10.4	
S 78 Xylenes, Total	106				0		30.0	30.0	
79 Bromoform	173	20.400	20.400	0.000	98	205801	10.3	9.92	
80 Isopropylbenzene	105	20.721	20.721	0.000	95	487836	10.5	10.2	
81 1,1,2,2-Tetrachloroethane	83	21.240	21.234	0.006	98	221155	10.3	9.46	
82 1,2,3-Trichloropropane	75	21.336	21.336	0.000	96	175219	10.6	9.41	
83 N-Propylbenzene	91	21.443	21.443	0.000	99	543359	10.4	9.89	
84 2-Chlorotoluene	91	21.587	21.587	0.000	96	341675	10.4	9.57	
85 4-Ethyltoluene	105	21.641	21.641	0.000	98	485294	10.2	10.4	
86 1,3,5-Trimethylbenzene	105	21.737	21.737	0.000	94	427468	10.5	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	21.769	21.769	0.000	93	207214	10.3	10.4	
88 Alpha Methyl Styrene	118	22.064	22.064	0.000	93	226263	10.2	10.5	
89 tert-Butylbenzene	119	22.219	22.219	0.000	94	442378	10.4	10.1	
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	96	423715	10.4	9.99	
91 sec-Butylbenzene	105	22.545	22.545	0.000	98	603532	10.5	10.0	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	95	302354	10.2	10.4	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	96	547881	10.5	10.2	
94 1,4-Dichlorobenzene	146	22.861	22.855	0.006	97	280007	10.4	10.6	
95 Benzyl chloride	91	23.005	23.005	0.000	99	295721	10.2	10.5	
96 n-Butylbenzene	91	23.315	23.315	0.000	97	431702	10.5	10.2	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	98	300308	10.8	10.0	
98 Undecane	57	23.465	23.465	0.000	92	209954	10.7	8.78	
99 Dodecane	57	25.038	25.038	0.000	97	162002	10.6	7.93	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	93	175792	11.0	10.8	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	93	387418	10.8	10.1	
102 Naphthalene	128	26.242	26.242	0.000	99	272095	10.5	8.75	
103 1,2,3-Trichlorobenzene	180	26.648	26.654	-0.006	94	167040	10.9	8.29	

QC Flag Legend

Processing Flags

Reagents:

ATTO15LCSW_00830	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

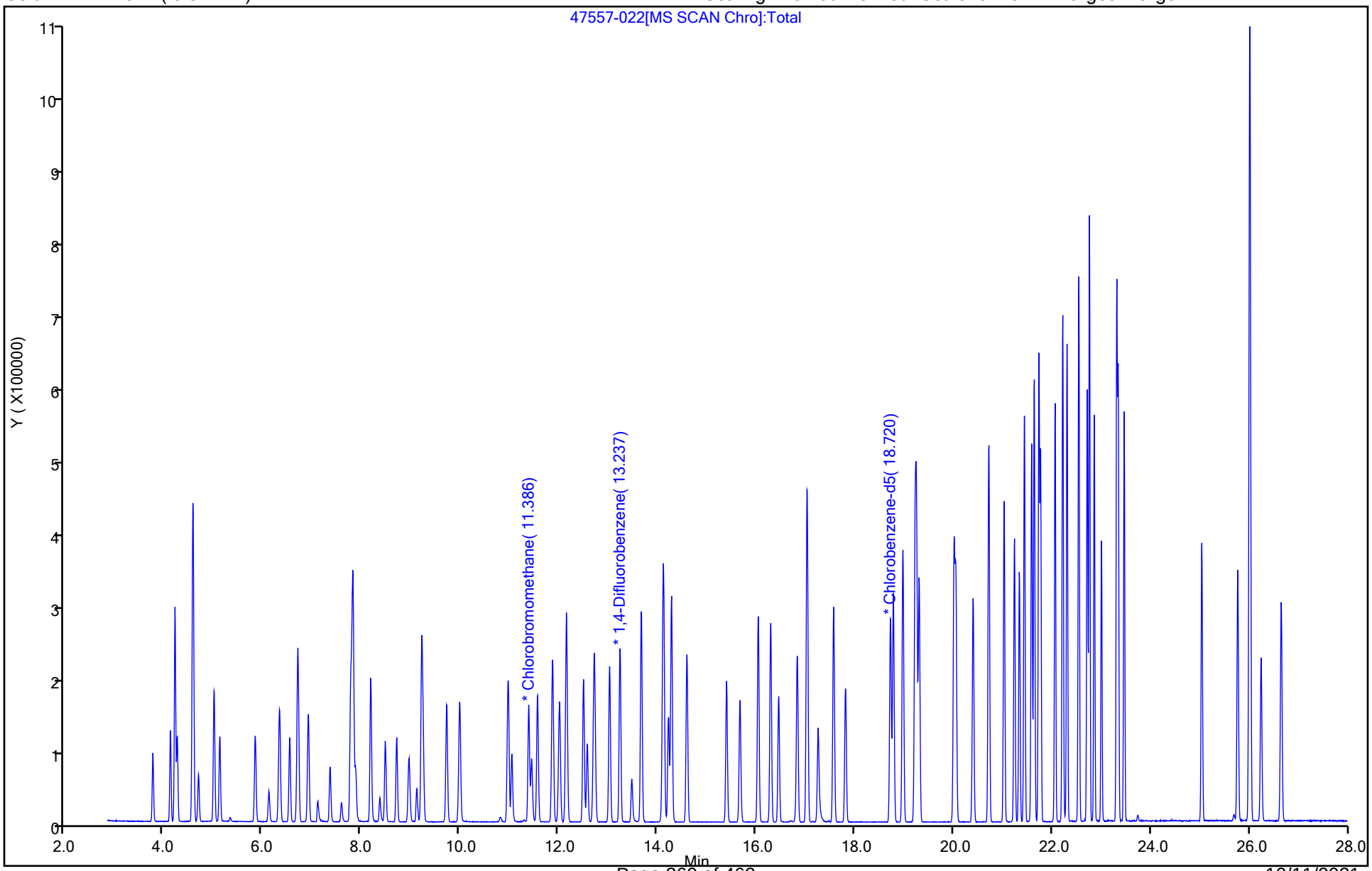
Report Date: 16-Sep-2021 14:35:18 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-022.d

Injection Date:	16-Sep-2021 12:39:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ICV			Worklist Smp#:	22
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: CCVIS 200-172389/2 Calibration Date: 10/08/2021 09:57

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47894-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.446	1.405		10.0	10.3	-2.9	30.0
Dichlorodifluoromethane	Ave	5.641	5.017		9.28	10.4	-11.0	30.0
Chlorodifluoromethane	Ave	2.935	2.553		9.11	10.5	-13.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.315	5.048		9.89	10.4	-5.0	30.0
Chloromethane	Ave	1.519	1.381		9.93	10.9	-9.1	30.0
Vinyl chloride	Ave	1.720	1.603		9.68	10.4	-6.8	30.0
n-Butane	Ave	2.527	2.174		8.91	10.4	-14.0	30.0
1,3-Butadiene	Ave	1.330	1.227		9.34	10.1	-7.7	30.0
Bromomethane	Ave	1.698	1.660		10.1	10.3	-2.2	30.0
Chloroethane	Ave	0.8533	0.7987		9.72	10.4	-6.4	30.0
Isopentane	Ave	1.754	1.546		9.20	10.4	-11.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.714	1.666		10.1	10.4	-2.8	30.0
Trichlorofluoromethane	Ave	5.205	4.411		8.95	10.6	-15.3	30.0
n-Pentane	Ave	2.350	2.184		9.41	10.1	-7.1	30.0
Ethanol	Ave	0.4434	0.4514		15.3	15.0	1.8	30.0
Ethyl ether	Ave	0.9180	0.9231		10.1	10.1	0.6	30.0
Acrolein	Ave	0.5296	0.5271		9.67	9.72	-0.5	30.0
1,1-Dichloroethene	Ave	1.528	1.470		9.89	10.3	-3.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.327	3.270		10.3	10.5	-1.7	30.0
Acetone	Ave	1.973	1.815		9.42	10.2	-8.0	30.0
Isopropyl alcohol	Ave	1.998	1.911		9.77	10.2	-4.4	30.0
Carbon disulfide	Ave	3.888	3.892		10.2	10.2	0.1	30.0
Acetonitrile	Ave	0.7835	0.7352		9.29	9.90	-6.2	30.0
3-Chloropropene	Ave	1.591	1.455		9.74	10.6	-8.5	30.0
Methylene Chloride	Ave	1.464	1.298		9.11	10.3	-11.4	30.0
tert-Butyl alcohol	Ave	2.493	2.300		9.94	10.8	-7.7	30.0
Acrylonitrile	Ave	0.7542	0.7650		10.3	10.1	1.4	30.0
trans-1,2-Dichloroethene	Ave	1.924	1.851		9.81	10.2	-3.8	30.0
Methyl tert-butyl ether	Ave	3.913	3.794		10.1	10.4	-3.0	30.0
n-Hexane	Ave	1.753	1.677		10.1	10.6	-4.4	30.0
1,1-Dichloroethane	Ave	2.400	2.210		9.20	10.0	-7.9	30.0
Vinyl acetate	Ave	2.883	2.563		9.23	10.4	-11.1	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.5254	0.5857		11.5	10.3	11.5	30.0
cis-1,2-Dichloroethene	Ave	1.309	1.434		11.1	10.1	9.6	30.0
Ethyl acetate	Ave	0.1132	0.1151		10.3	10.1	1.7	30.0
Tetrahydrofuran	Ave	0.2849	0.2600		9.11	9.99	-8.8	30.0
Chloroform	Ave	3.231	2.908		9.09	10.1	-10.0	30.0
1,1,1-Trichloroethane	Ave	0.8480	0.7601		9.13	10.2	-10.4	30.0
Cyclohexane	Ave	0.3927	0.3868		10.0	10.1	-1.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: CCVIS 200-172389/2 Calibration Date: 10/08/2021 09:57

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47894-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	1.085	0.8578		8.03	10.2	-20.9	30.0
Benzene	Ave	0.8652	0.8665		10.3	10.3	0.2	30.0
1,2-Dichloroethane	Ave	0.4792	0.4143		8.95	10.4	-13.5	30.0
2,2,4-Trimethylpentane	Ave	1.225	1.216		10.4	10.5	-0.7	30.0
n-Heptane	Ave	0.4508	0.4180		9.74	10.5	-7.3	30.0
n-Butanol	Ave	0.1827	0.1737		9.08	9.55	-4.9	30.0
Trichloroethene	Ave	0.4262	0.4172		10.3	10.5	-2.1	30.0
1,2-Dichloropropane	Ave	0.3040	0.2837		9.62	10.3	-6.7	30.0
Methyl methacrylate	Ave	0.2852	0.2890		10.3	10.2	1.3	30.0
1,4-Dioxane	Ave	0.1756	0.1710		10.3	10.6	-2.6	30.0
Dibromomethane	Ave	0.5888	0.5870		10.3	10.3	-0.3	30.0
Bromodichloromethane	Ave	0.7467	0.6618		9.37	10.6	-11.4	30.0
cis-1,3-Dichloropropene	Ave	0.5711	0.5226		9.51	10.4	-8.5	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6172	0.5291		8.78	10.2	-14.3	30.0
Toluene	Ave	0.7730	0.7978		10.5	10.2	3.2	30.0
n-Octane	Ave	0.6124	0.5658		9.54	10.3	-7.6	30.0
trans-1,3-Dichloropropene	Ave	0.5178	0.4789		9.14	9.88	-7.5	30.0
1,1,2-Trichloroethane	Ave	0.3693	0.3616		10.3	10.5	-2.1	30.0
Tetrachloroethene	Ave	0.8776	0.9408		11.3	10.5	7.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5910	0.5553		9.38	9.99	-6.0	30.0
Dibromochloromethane	Ave	1.014	0.9242		8.82	9.68	-8.8	30.0
1,2-Dibromoethane	Ave	0.6703	0.6941		11.0	10.6	3.6	30.0
Chlorobenzene	Ave	1.115	1.105		10.4	10.5	-1.0	30.0
Ethylbenzene	Ave	1.723	1.737		10.3	10.2	0.8	30.0
m,p-Xylene	Ave	0.7003	0.7354		21.6	20.6	5.0	30.0
n-Nonane	Ave	0.6661	0.6937		10.9	10.5	4.1	30.0
o-Xylene	Ave	0.6748	0.7171		11.0	10.4	6.3	30.0
Styrene	Ave	1.005	1.103		11.3	10.3	9.8	30.0
Bromoform	Ave	0.8468	0.6191		7.52	10.3	-26.9	30.0
Cumene	Ave	1.954	2.062		11.0	10.4	5.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9544	0.9286		10.1	10.3	-2.7	30.0
1,2,3-Trichloropropane	Ave	0.7604	0.7191		10.0	10.6	-5.4	30.0
n-Propylbenzene	Ave	2.242	2.325		10.8	10.4	3.7	30.0
2-Chlorotoluene	Ave	1.458	1.462		10.5	10.4	0.3	30.0
4-Ethyltoluene	Ave	1.898	2.042		11.1	10.3	7.6	30.0
1,3,5-Trimethylbenzene	Ave	1.715	1.751		10.6	10.4	2.1	30.0
n-Decane	Ave	0.8167	0.8842		11.3	10.4	8.3	30.0
Alpha Methyl Styrene	Ave	0.8816	0.9545		11.0	10.2	8.3	30.0
tert-Butylbenzene	Ave	1.780	1.822		10.6	10.4	2.4	30.0
1,2,4-Trimethylbenzene	Ave	1.732	1.764		10.6	10.4	1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Lab Sample ID: CCVIS 200-172389/2 Calibration Date: 10/08/2021 09:57

Instrument ID: CHW.i Calib Start Date: 09/15/2021 17:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/16/2021 09:57

Lab File ID: 47894-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	2.463	2.520		10.7	10.5	2.3	30.0
1,3-Dichlorobenzene	Ave	1.182	1.210		10.8	10.6	2.3	30.0
4-Isopropyltoluene	Ave	2.198	2.301		10.8	10.3	4.7	30.0
1,4-Dichlorobenzene	Ave	1.076	1.128		11.0	10.5	4.9	30.0
Benzyl chloride	Ave	1.148	1.124		10.4	10.6	-2.1	30.0
n-Butylbenzene	Ave	1.732	1.771		10.6	10.4	2.3	30.0
1,2-Dichlorobenzene	Ave	1.221	1.239		10.6	10.4	1.5	30.0
n-Undecane	Ave	0.9759	0.8660		9.28	10.5	-11.3	30.0
n-Dodecane	Ave	0.8343	0.6156		6.91	9.36	-26.2	30.0
1,2,4-Trichlorobenzene	Ave	0.6672	0.5819		9.47	10.9	-12.8	30.0
Hexachlorobutadiene	Ave	1.559	1.413		9.29	10.3	-9.4	30.0
Naphthalene	Ave	1.269	1.010		7.73	9.72	-20.4	30.0
1,2,3-Trichlorobenzene	Ave	0.8229	0.6580		7.29	9.12	-20.0	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-002.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Oct-2021 09:57:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-002
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 07:51:03 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 07:51:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.131	4.131	0.000	98	82786	10.3	10.0	
2 Dichlorodifluoromethane	85	4.222	4.222	0.000	99	299155	10.4	9.28	
3 Chlorodifluoromethane	51	4.271	4.271	0.000	98	152782	10.5	9.11	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.586	4.586	0.000	89	300101	10.4	9.89	
5 Chloromethane	50	4.704	4.704	0.000	99	86143	10.9	9.93	
6 Vinyl chloride	62	5.014	5.014	0.000	79	95097	10.4	9.68	
7 Butane	43	5.020	5.020	0.000	98	128603	10.4	8.91	
8 Butadiene	54	5.132	5.132	0.000	96	70909	10.1	9.34	
9 Bromomethane	94	5.849	5.849	0.000	98	97752	10.3	10.1	
10 Chloroethane	64	6.127	6.127	0.000	99	47393	10.4	9.72	
12 BFB									
11 2-Methylbutane	43	6.330	6.330	0.000	95	92175	10.4	9.20	
13 Vinyl bromide	106	6.544	6.544	0.000	99	99133	10.4	10.1	
14 Trichlorofluoromethane	101	6.705	6.705	0.000	98	266008	10.6	8.95	
15 Pentane	43	6.919	6.919	0.000	98	126375	10.1	9.41	
16 Ethanol	45	7.095	7.095	0.000	99	38686	15.0	15.3	
18 Ethyl ether	59	7.352	7.352	0.000	95	53141	10.1	10.1	
19 Acrolein	56	7.577	7.577	0.000	96	29259	9.72	9.67	
20 1,1-Dichloroethene	96	7.775	7.775	0.000	96	86308	10.3	9.89	
21 112TCTFE	101	7.817	7.817	0.000	93	195887	10.5	10.3	
22 Acetone	43	7.871	7.871	0.000	98	106129	10.2	9.42	
24 Isopropyl alcohol	45	8.176	8.176	0.000	62	111556	10.2	9.77	
23 Carbon disulfide	76	8.181	8.181	0.000	100	225850	10.2	10.2	
25 Acetonitrile	41	8.358	8.358	0.000	97	41565	9.90	9.29	
26 3-Chloro-1-propene	41	8.475	8.475	0.000	98	88519	10.6	9.74	
27 Methylene Chloride	49	8.705	8.705	0.000	87	76194	10.3	9.11	
28 2-Methyl-2-propanol	59	8.952	8.952	0.000	93	141602	10.8	9.94	
29 Acrylonitrile	53	9.112	9.112	0.000	96	44170	10.1	10.3	
30 trans-1,2-Dichloroethene	61	9.208	9.208	0.000	96	107845	10.2	9.81	
31 Methyl tert-butyl ether	73	9.230	9.230	0.000	96	226413	10.4	10.1	
32 Hexane	57	9.722	9.722	0.000	91	101403	10.6	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	9.979	9.979	0.000	100	126190	10.0	9.20	
34 Vinyl acetate	43	9.989	9.989	0.000	99	152076	10.4	9.23	
S 35 1,2-Dichloroethene, Total	61				0		20.3	20.9	
37 2-Butanone (MEK)	72	10.952	10.952	0.000	99	34589	10.3	11.5	
36 cis-1,2-Dichloroethene	96	10.974	10.974	0.000	90	82738	10.1	11.1	
38 Ethyl acetate	88	11.049	11.049	0.000	99	6657	10.1	10.3	
* 39 Chlorobromomethane	128	11.386	11.386	0.000	75	57121	10.0	10.0	
40 Tetrahydrofuran	42	11.439	11.439	0.000	89	64887	9.99	9.11	
41 Chloroform	83	11.562	11.562	0.000	96	167744	10.1	9.09	
42 1,1,1-Trichloroethane	97	11.867	11.867	0.000	93	193481	10.2	9.13	
43 Cyclohexane	84	12.012	12.012	0.000	95	98071	10.1	10.0	
44 Carbon tetrachloride	117	12.145	12.145	0.000	97	217707	10.2	8.03	
45 Benzene	78	12.493	12.493	0.000	95	223599	10.3	10.3	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	99	107222	10.4	8.95	
47 Isooctane	57	12.712	12.712	0.000	98	318093	10.5	10.4	
48 n-Heptane	43	13.023	13.023	0.000	88	109753	10.5	9.74	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	92	249856	10.0	10.0	
50 n-Butanol	56	13.472	13.472	0.000	87	41442	9.55	9.08	
51 Trichloroethene	95	13.665	13.665	0.000	94	109734	10.5	10.3	
A 52 GRO	1	14.047	(6.320-21.774)		0	33925505	649.9	0	
53 1,2-Dichloropropane	63	14.119	14.119	0.000	88	73077	10.3	9.62	
55 Methyl methacrylate	69	14.221	14.221	0.000	98	73362	10.2	10.3	
57 1,4-Dioxane	88	14.269	14.269	0.000	88	45193	10.6	10.3	
56 Dibromomethane	174	14.285	14.285	0.000	87	151033	10.3	10.3	
58 Dichlorobromomethane	83	14.590	14.590	0.000	98	174744	10.6	9.37	
A 59 TVOC as Toluene	1	15.390	(4.121-26.658)		0	53344037	899.8	0	
60 cis-1,3-Dichloropropene	75	15.398	15.398	0.000	91	135647	10.4	9.51	
61 4-Methyl-2-pentanone (MIBK)	43	15.671	15.671	0.000	95	135345	10.2	8.78	
62 Toluene	92	16.040	16.040	0.000	94	170257	10.2	10.5	
63 n-Octane	43	16.291	16.291	0.000	88	145993	10.3	9.54	
64 trans-1,3-Dichloropropene	75	16.452	16.452	0.000	96	118197	9.88	9.14	
65 1,1,2-Trichloroethane	83	16.826	16.826	0.000	95	79592	10.5	10.3	
66 Tetrachloroethene	166	17.030	17.030	0.000	94	207496	10.5	11.3	
67 2-Hexanone	43	17.254	17.254	0.000	97	116512	9.99	9.38	
68 Chlorodibromomethane	129	17.570	17.570	0.000	97	187903	9.68	8.82	
69 Ethylene Dibromide	107	17.811	17.811	0.000	98	154675	10.6	11.0	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	83	210085	10.0	10.0	
72 Chlorobenzene	112	18.779	18.779	0.000	98	243421	10.5	10.4	
73 Ethylbenzene	91	18.972	18.972	0.000	97	372842	10.2	10.3	
74 m-Xylene & p-Xylene	106	19.244	19.244	0.000	0	317575	20.6	21.6	
75 n-Nonane	57	19.303	19.303	0.000	84	152698	10.5	10.9	
76 o-Xylene	106	20.009	20.009	0.000	98	156048	10.4	11.0	
77 Styrene	104	20.047	20.047	0.000	97	239086	10.3	11.3	
S 78 Xylenes, Total	106				0		30.9	32.6	
79 Bromoform	173	20.395	20.395	0.000	98	133818	10.3	7.52	
80 Isopropylbenzene	105	20.716	20.716	0.000	95	451659	10.4	11.0	
81 1,1,2,2-Tetrachloroethane	83	21.234	21.234	0.000	99	201689	10.3	10.1	
82 1,2,3-Trichloropropane	75	21.336	21.336	0.000	97	159953	10.6	10.0	
83 N-Propylbenzene	91	21.438	21.438	0.000	99	507781	10.4	10.8	
84 2-Chlorotoluene	91	21.582	21.582	0.000	96	320535	10.4	10.5	
85 4-Ethyltoluene	105	21.636	21.636	0.000	98	443101	10.3	11.1	
86 1,3,5-Trimethylbenzene	105	21.732	21.732	0.000	95	382036	10.4	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	21.764	21.764	0.000	92	193532	10.4	11.3	
88 Alpha Methyl Styrene	118	22.058	22.058	0.000	92	204490	10.2	11.0	
89 tert-Butylbenzene	119	22.213	22.213	0.000	95	396476	10.4	10.6	
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	96	385423	10.4	10.6	
91 sec-Butylbenzene	105	22.545	22.545	0.000	98	553742	10.5	10.7	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	94	268881	10.6	10.8	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	97	498247	10.3	10.8	
94 1,4-Dichlorobenzene	146	22.855	22.855	0.000	98	248091	10.5	11.0	
95 Benzyl chloride	91	23.000	23.000	0.000	100	249885	10.6	10.4	
96 n-Butylbenzene	91	23.310	23.310	0.000	97	386455	10.4	10.6	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	99	271733	10.4	10.6	
98 Undecane	57	23.460	23.460	0.000	93	190259	10.5	9.28	
99 Dodecane	57	25.038	25.038	0.000	96	121030	9.36	6.91	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	93	132743	10.9	9.47	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	94	304476	10.3	9.29	
102 Naphthalene	128	26.236	26.236	0.000	99	206250	9.72	7.73	
103 1,2,3-Trichlorobenzene	180	26.648	26.648	0.000	95	126046	9.12	7.29	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

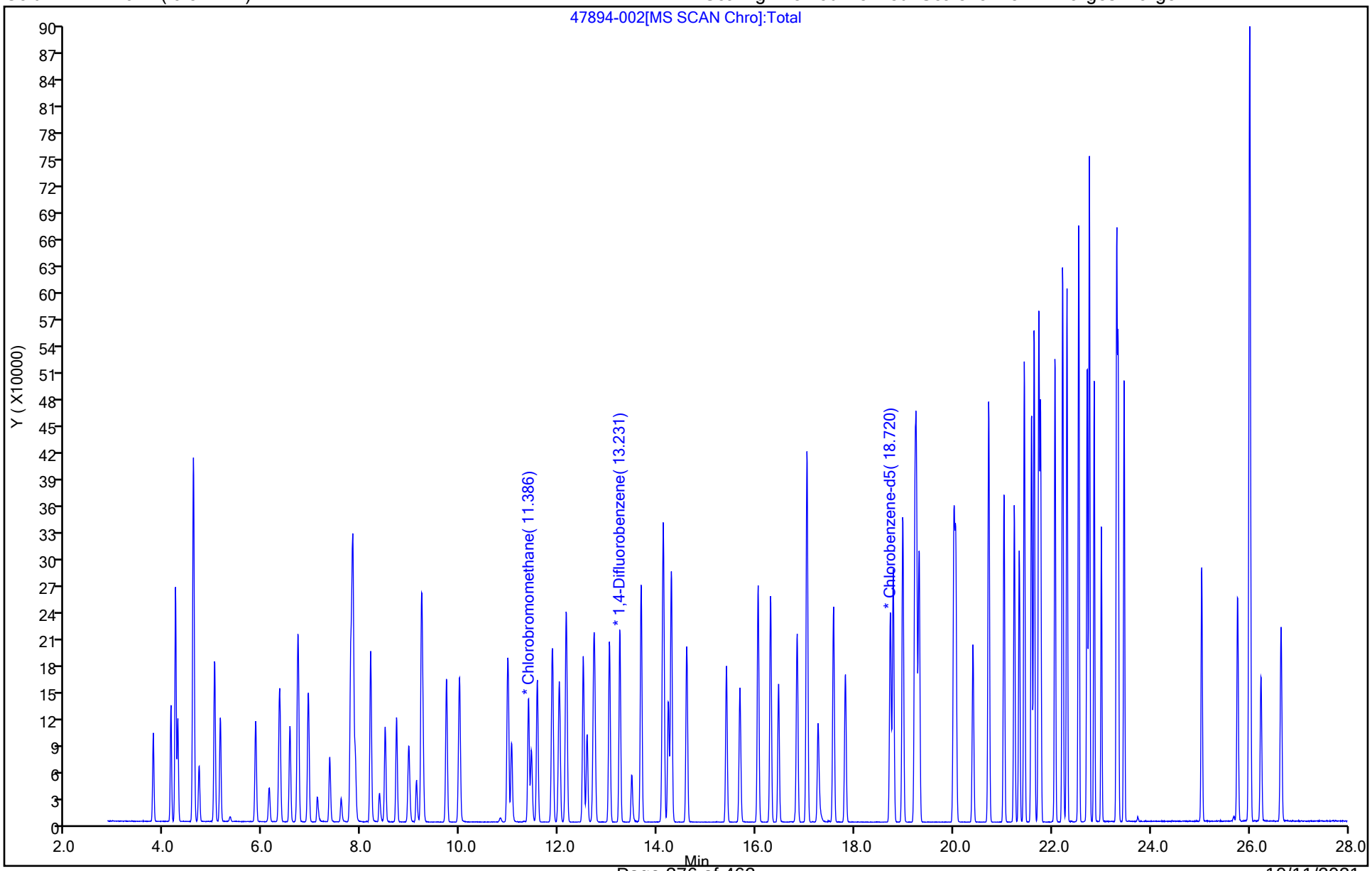
ATTO15CAL4w_00771	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 11-Oct-2021 07:51:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-002.d				
Injection Date:	08-Oct-2021 09:57:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-001.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 15-Sep-2021 16:10:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0047557-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Sep-2021 14:35:05 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
12 BFB									
* 39 Chlorobromomethane	128		11.391				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.237				10.0	ND	
* 70 Chlorobenzene-d5	117		18.725				10.0	ND	

Reagents:

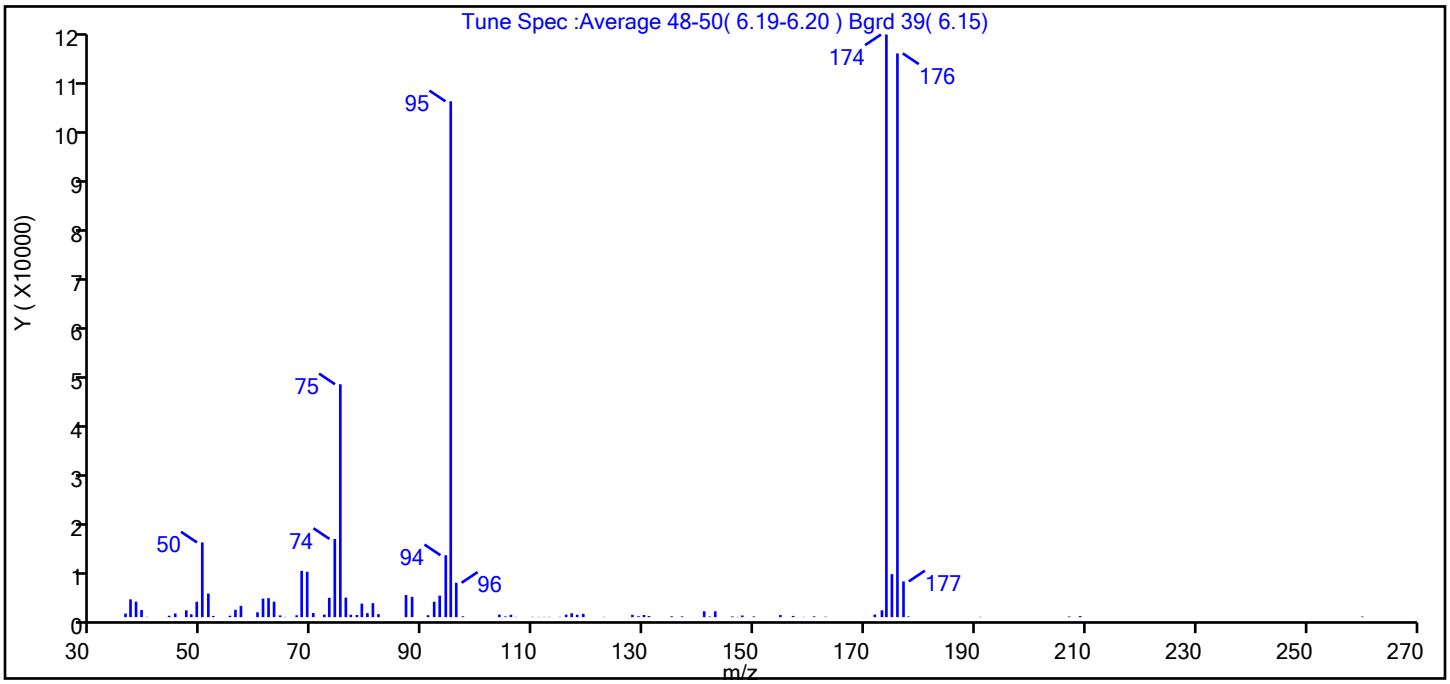
ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-001.d				
Injection Date:	15-Sep-2021 16:10:30	Instrument ID:	CHW.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Tune Method:	DFTPP Method CLP OLM4.2				

12 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	14.5
75	30.0 to 66.0 Percent of m/e 95	45.1
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	1.3 (1.2)
174	50.0 to 120.0 Percent of m/e 95	112.9
175	4.0 to 9.0 Percent of m/e 174	8.3 (7.4)
176	93.0 to 101.0 Percent of m/e 174	109.3 (96.8)
177	5.0 to 9.0 Percent of m/e 176	6.9 (6.3)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-001.d\TO15_TO3_MasterMethod_W.rs
Injection Date: 15-Sep-2021 16:10:30
Spectrum: Tune Spec :Average 48-50(6.19-6.20) Bgrd 39(6.15)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	728	68.00	9358	104.00	514	146.00	145
37.00	3604	69.00	9166	105.00	147	147.00	51
38.00	3125	70.00	828	106.00	475	148.00	334
39.00	1444	72.00	508	107.00	51	150.00	148
40.00	59	73.00	3900	110.00	60	155.00	417
44.00	289	74.00	15798	111.00	52	157.00	246
45.00	741	75.00	47056	112.00	50	159.00	52
47.00	1372	76.00	3947	113.00	59	161.00	162
48.00	570	77.00	474	115.00	58	163.00	86
49.00	3116	78.00	427	116.00	498	172.00	521
50.00	15095	79.00	2733	117.00	782	173.00	1382
51.00	4764	80.00	806	118.00	485	174.00	117720
52.00	249	81.00	2818	119.00	676	175.00	8685
55.00	283	82.00	602	123.00	57	176.00	113896
56.00	1498	87.00	4479	128.00	466	177.00	7223
57.00	2274	88.00	4108	129.00	178	178.00	137
60.00	969	91.00	391	130.00	440	191.00	64
61.00	3751	92.00	3112	131.00	223	207.00	138
62.00	3828	93.00	4348	135.00	171	209.00	222
63.00	3129	94.00	12511	137.00	150	260.00	123
64.00	348	95.00	104224	141.00	1189		
65.00	50	96.00	6947	142.00	123		
67.00	375	97.00	174	143.00	1179		

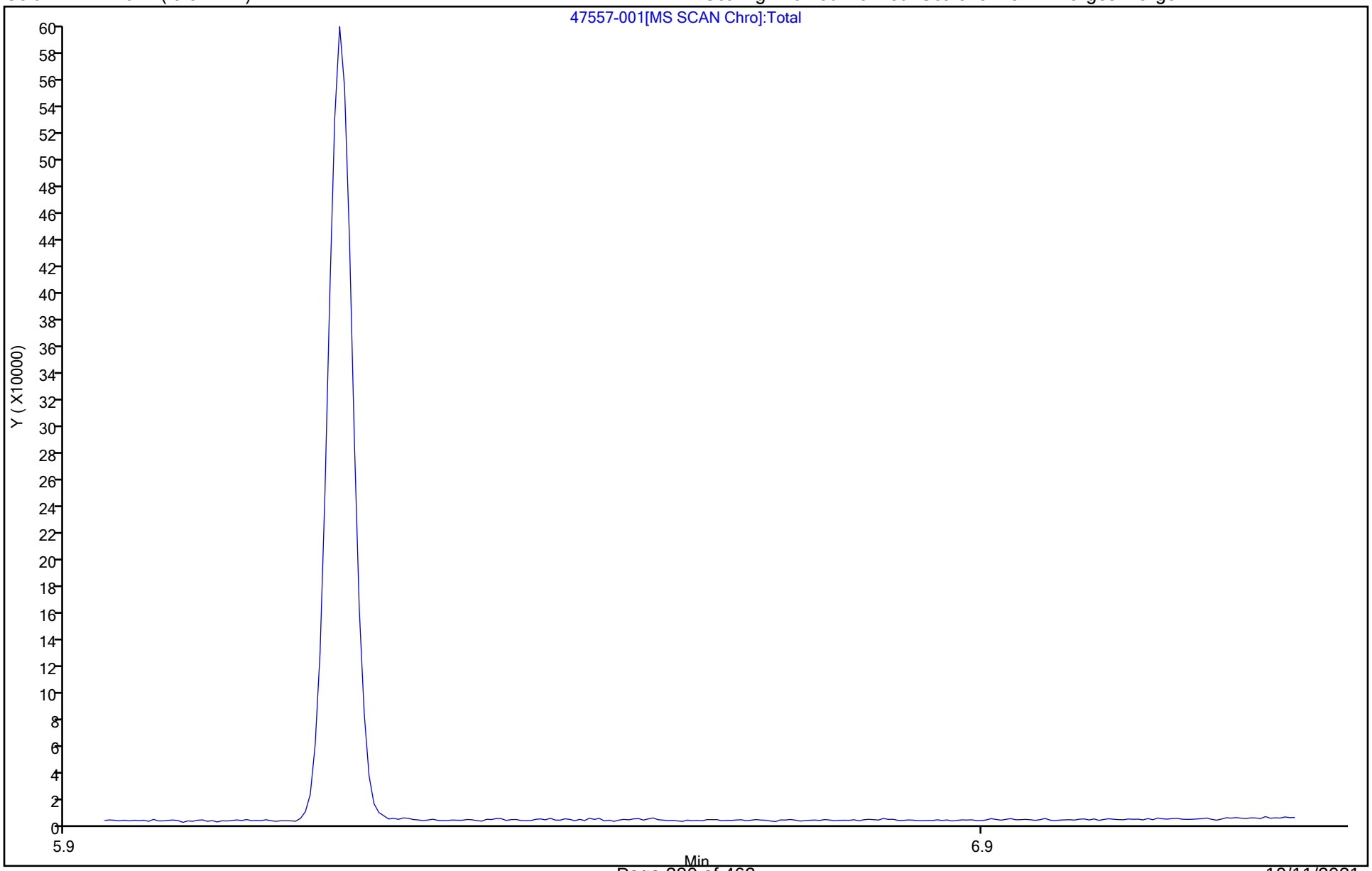
Report Date: 16-Sep-2021 14:35:05 Chrom Revision: 2.3 15-Sep-2021 17:07:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-001.d

Injection Date:	15-Sep-2021 16:10:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-001.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 08-Oct-2021 09:05:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 07:40:59 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 07:40:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
12 BFB									
* 39 Chlorobromomethane	128		11.386				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.237				10.0	ND	
* 70 Chlorobenzene-d5	117		18.720				10.0	ND	

QC Flag Legend
Processing Flags

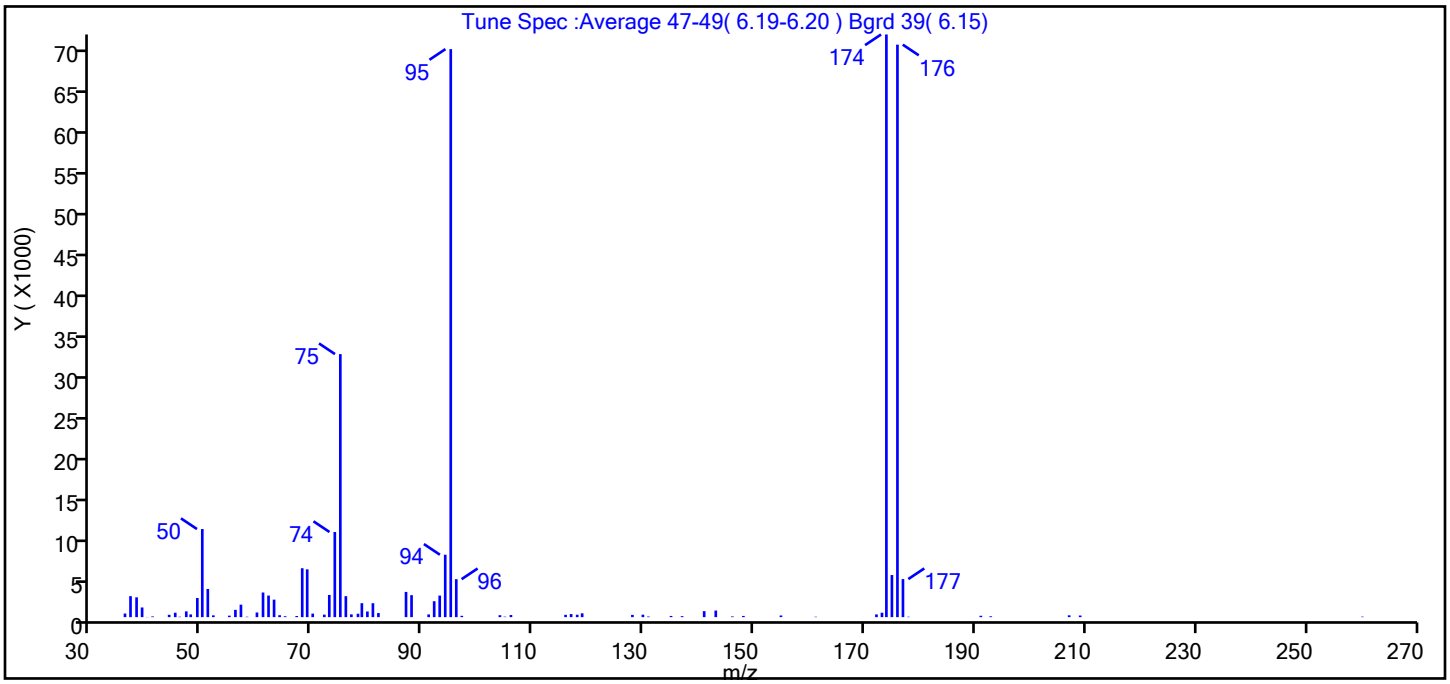
Reagents:
ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-001.d
Injection Date: 08-Oct-2021 09:05:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

12 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	15.5
75	30.0 to 66.0 Percent of m/e 95	46.3
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.8 (0.8)
174	50.0 to 120.0 Percent of m/e 95	102.6
175	4.0 to 9.0 Percent of m/e 174	7.4 (7.2)
176	93.0 to 101.0 Percent of m/e 174	100.8 (98.3)
177	5.0 to 9.0 Percent of m/e 176	6.7 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-001.d\TO15_TO3_MasterMethod_W.rs
Injection Date: 08-Oct-2021 09:05:30
Spectrum: Tune Spec :Average 47-49(6.19-6.20) Bgrd 39(6.15)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	446	61.00	3041	87.00	3115	137.00	122
37.00	2590	62.00	2663	88.00	2714	141.00	739
38.00	2446	63.00	2161	91.00	336	143.00	813
39.00	1193	64.00	242	92.00	1967	146.00	87
40.00	21	65.00	112	93.00	2661	148.00	150
41.00	87	67.00	140	94.00	7705	155.00	205
44.00	290	68.00	6038	95.00	70120	161.00	50
45.00	546	69.00	5900	96.00	4688	172.00	338
46.00	50	70.00	437	97.00	165	173.00	548
47.00	713	72.00	311	104.00	242	174.00	71928
48.00	334	73.00	2740	105.00	57	175.00	5198
49.00	2363	74.00	10512	106.00	260	176.00	70672
50.00	10876	75.00	32472	116.00	286	177.00	4699
51.00	3476	76.00	2590	117.00	381	178.00	50
52.00	220	77.00	343	118.00	296	191.00	171
55.00	183	78.00	421	119.00	472	193.00	104
56.00	903	79.00	1723	128.00	278	207.00	226
57.00	1541	80.00	699	130.00	303	209.00	200
58.00	54	81.00	1721	131.00	74	260.00	60
60.00	577	82.00	507	135.00	150		

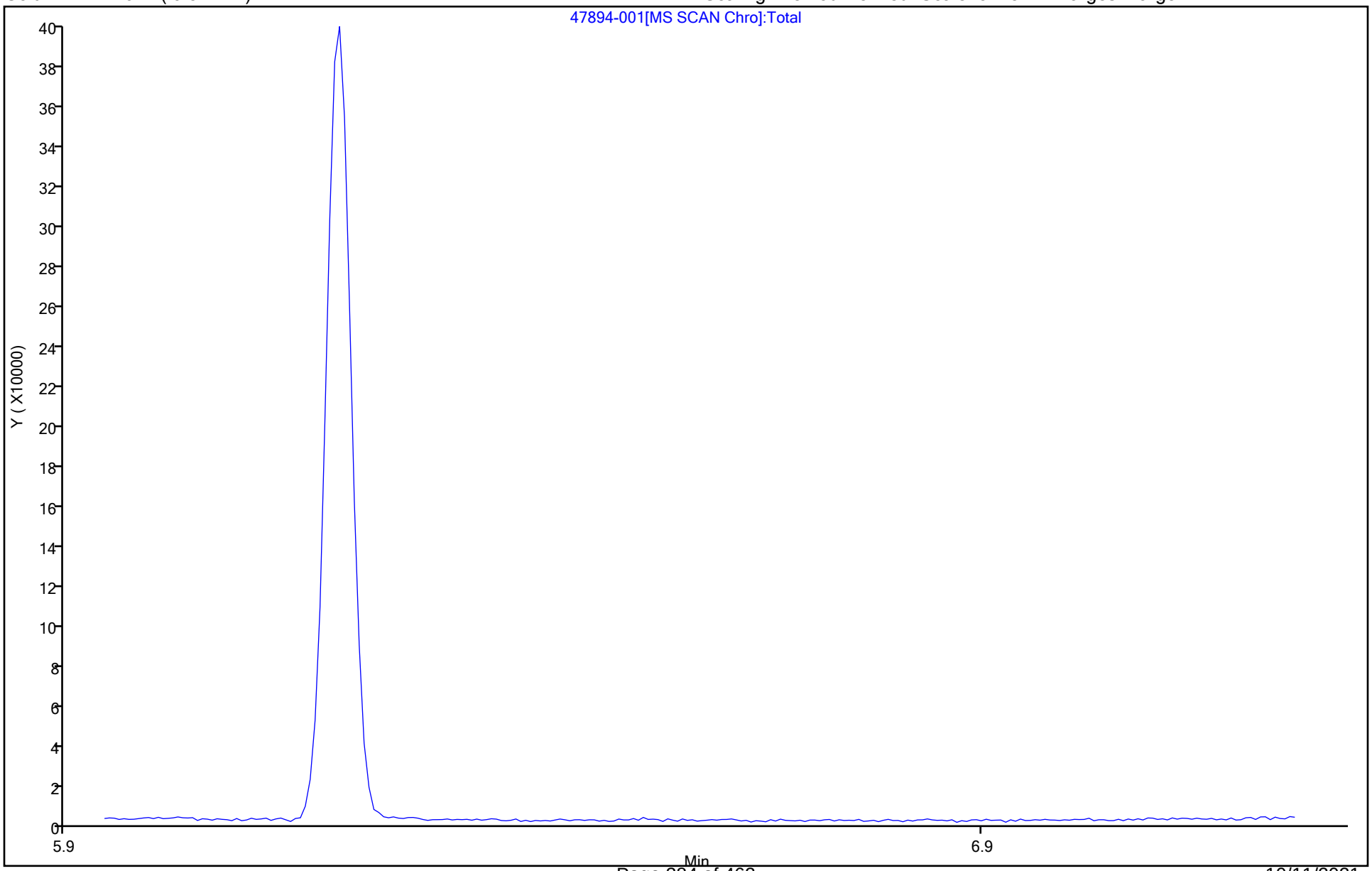
Report Date: 11-Oct-2021 07:41:00 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-001.d

Injection Date:	08-Oct-2021 09:05:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.12
106-97-8	n-Butane	58.12	0.50	U	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	5.0	U	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.25
106-97-8	n-Butane	58.12	1.2	U	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	12	U	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-172389/4

Matrix: Air Lab File ID: 47894-004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Oct-2021 11:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-004
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 07:57:36 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 07:57:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.131					ND	MU
2 Dichlorodifluoromethane	85		4.222					ND	7
3 Chlorodifluoromethane	51		4.271					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.586					ND	
5 Chloromethane	50		4.704					ND	
6 Vinyl chloride	62		5.014					ND	
7 Butane	43		5.020					ND	
8 Butadiene	54		5.132					ND	
9 Bromomethane	94		5.849					ND	
10 Chloroethane	64		6.127					ND	
11 2-Methylbutane	43		6.330					ND	
13 Vinyl bromide	106		6.544					ND	
14 Trichlorofluoromethane	101		6.705					ND	
15 Pentane	43		6.919					ND	
16 Ethanol	45		7.095					ND	
18 Ethyl ether	59		7.352					ND	
19 Acrolein	56		7.577					ND	
20 1,1-Dichloroethene	96		7.775					ND	
21 112TCTFE	101		7.817					ND	
22 Acetone	43	7.935	7.871	0.064	97	4287		0.3841	
24 Isopropyl alcohol	45		8.176					ND	
23 Carbon disulfide	76		8.181					ND	MU
25 Acetonitrile	41		8.358					ND	
26 3-Chloro-1-propene	41		8.475					ND	
27 Methylene Chloride	49		8.705					ND	
28 2-Methyl-2-propanol	59		8.952					ND	
29 Acrylonitrile	53		9.112					ND	
30 trans-1,2-Dichloroethene	61		9.208					ND	
31 Methyl tert-butyl ether	73		9.230					ND	
32 Hexane	57		9.722					ND	
33 1,1-Dichloroethane	63		9.979					ND	
34 Vinyl acetate	43		9.989					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
37 2-Butanone (MEK)	72		10.952					ND	
36 cis-1,2-Dichloroethene	96		10.974					ND	
38 Ethyl acetate	88		11.049					ND	
* 39 Chlorobromomethane	128	11.380	11.386	-0.006	72	56567	10.0	10.0	
40 Tetrahydrofuran	42		11.439					ND	
41 Chloroform	83		11.562					ND	
42 1,1,1-Trichloroethane	97		11.867					ND	
43 Cyclohexane	84		12.012					ND	
44 Carbon tetrachloride	117		12.145					ND	
45 Benzene	78		12.493					ND	
46 1,2-Dichloroethane	62		12.573					ND	
47 Isooctane	57		12.712					ND	
48 n-Heptane	43		13.023					ND	
* 49 1,4-Difluorobenzene	114	13.231	13.237	-0.006	93	245312	10.0	10.0	
50 n-Butanol	56		13.472					ND	7
51 Trichloroethene	95		13.665					ND	
A 52 GRO	1	14.047	(6.320-21.774)		0	747458		0	
53 1,2-Dichloropropane	63		14.119					ND	
55 Methyl methacrylate	69		14.221					ND	
57 1,4-Dioxane	88		14.269					ND	
56 Dibromomethane	174		14.285					ND	
58 Dichlorobromomethane	83		14.590					ND	
A 59 TVOC as Toluene	1	15.390	(4.121-26.658)		0	945814		0	
60 cis-1,3-Dichloropropene	75		15.398					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.671					ND	
62 Toluene	92		16.040					ND	
63 n-Octane	43		16.291					ND	
64 trans-1,3-Dichloropropene	75		16.452					ND	
65 1,1,2-Trichloroethane	83		16.826					ND	
66 Tetrachloroethene	166		17.030					ND	
67 2-Hexanone	43		17.254					ND	
68 Chlorodibromomethane	129		17.570					ND	
69 Ethylene Dibromide	107		17.811					ND	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	83	187187	10.0	10.0	
72 Chlorobenzene	112		18.779					ND	
73 Ethylbenzene	91		18.972					ND	7
74 m-Xylene & p-Xylene	106		19.244					ND	
75 n-Nonane	57		19.303					ND	
76 o-Xylene	106		20.009					ND	
77 Styrene	104		20.047					ND	
S 78 Xylenes, Total	106		20.100					ND	7
79 Bromoform	173		20.395					ND	
80 Isopropylbenzene	105		20.716					ND	
81 1,1,2,2-Tetrachloroethane	83		21.234					ND	7
82 1,2,3-Trichloropropane	75		21.336					ND	
83 N-Propylbenzene	91		21.438					ND	7
84 2-Chlorotoluene	91		21.582					ND	7
85 4-Ethyltoluene	105		21.636					ND	7
86 1,3,5-Trimethylbenzene	105		21.732					ND	7
87 n-Decane	57		21.764					ND	
88 Alpha Methyl Styrene	118		22.058					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119		22.213					ND	
90 1,2,4-Trimethylbenzene	105		22.304					ND	7
91 sec-Butylbenzene	105		22.545					ND	7
92 1,3-Dichlorobenzene	146	22.722	22.716	0.006	1	608		0.0275	
93 4-Isopropyltoluene	119		22.759					ND	
94 1,4-Dichlorobenzene	146	22.850	22.855	-0.005	1	566		0.0281	
95 Benzyl chloride	91		23.000					ND	U
96 n-Butylbenzene	91		23.310					ND	7
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	1	939		0.0411	M
98 Undecane	57		23.460					ND	
99 Dodecane	57		25.038					ND	
100 1,2,4-Trichlorobenzene	180	25.766	25.766	0.000	1	643		0.0515	
101 Hexachlorobutadiene	225		26.012					ND	7
102 Naphthalene	128		26.236					ND	U
103 1,2,3-Trichlorobenzene	180		26.648					ND	U
107 Chlorotrifluoroethene TIC	1		0.000					ND	
108 Difluoroethane TIC	1		0.000					ND	
109 Total Alkanes TIC	1		0.000					ND	
110 Freon 115 TIC	1		0.000					ND	
111 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
112 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

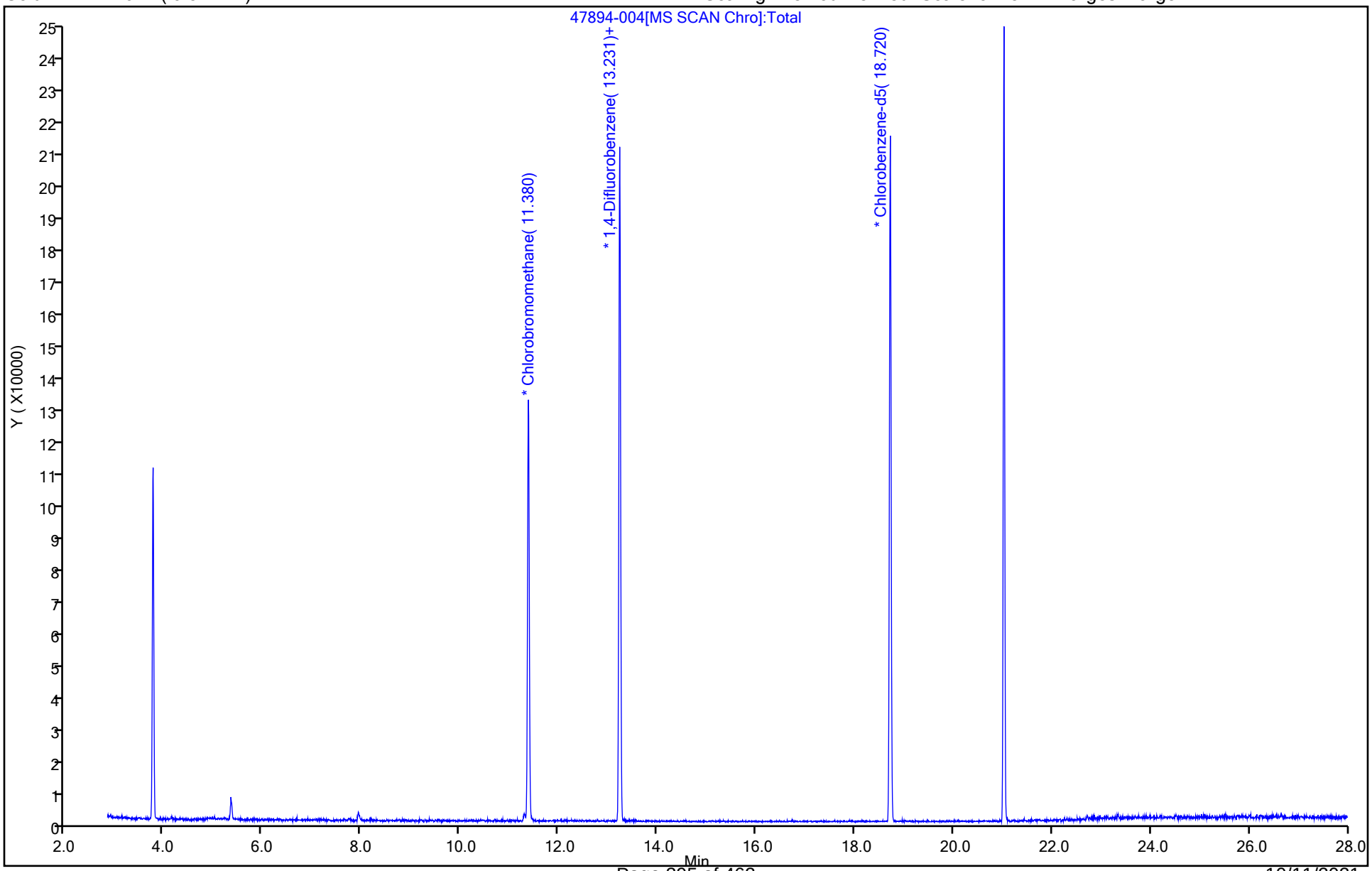
Report Date: 11-Oct-2021 07:57:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d

Injection Date:	08-Oct-2021 11:42:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	MB			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



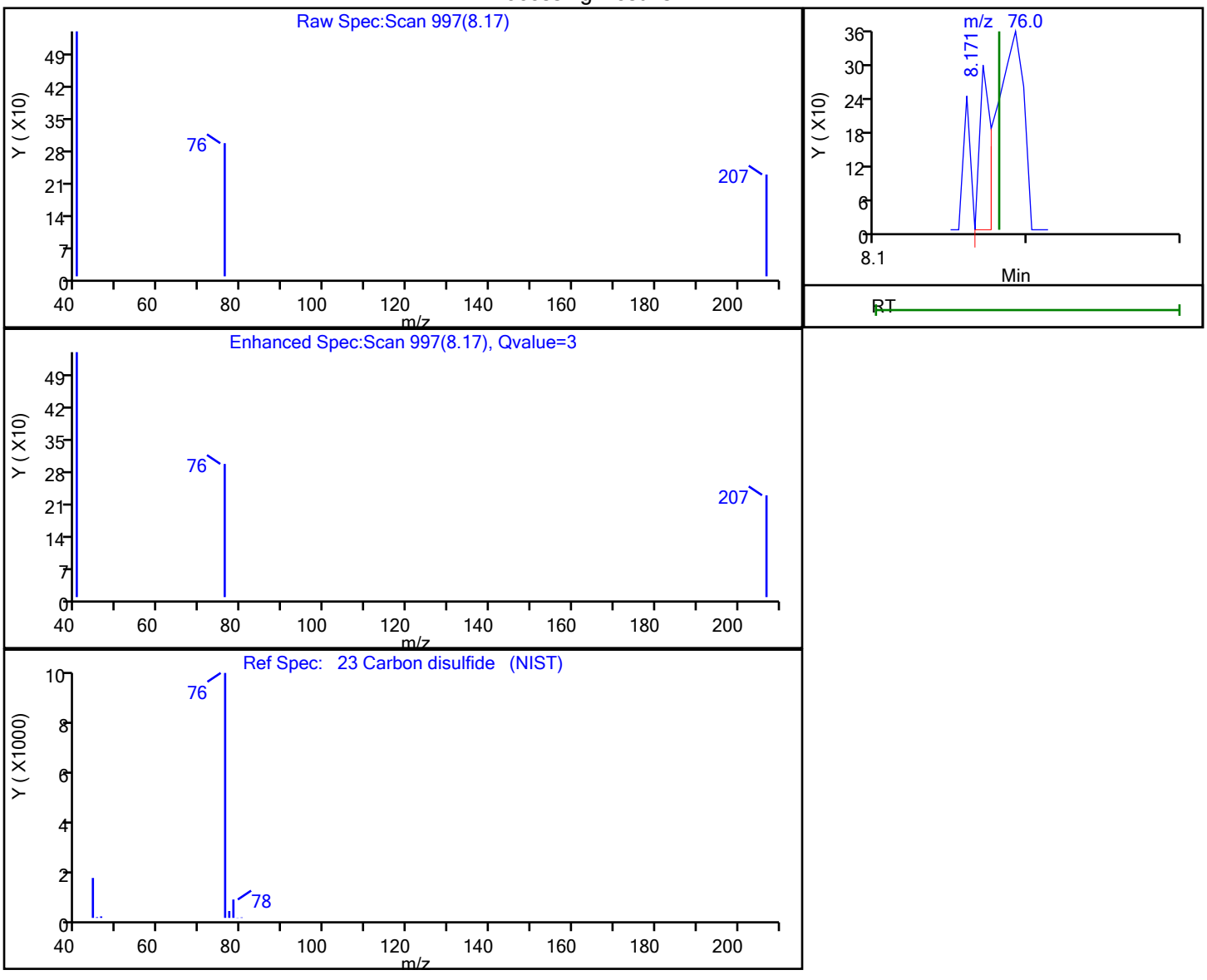
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d				
Injection Date:	08-Oct-2021 11:42:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
8.17	76.00	152	0.006911

Reviewer: bunmaa, 11-Oct-2021 07:54:28

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

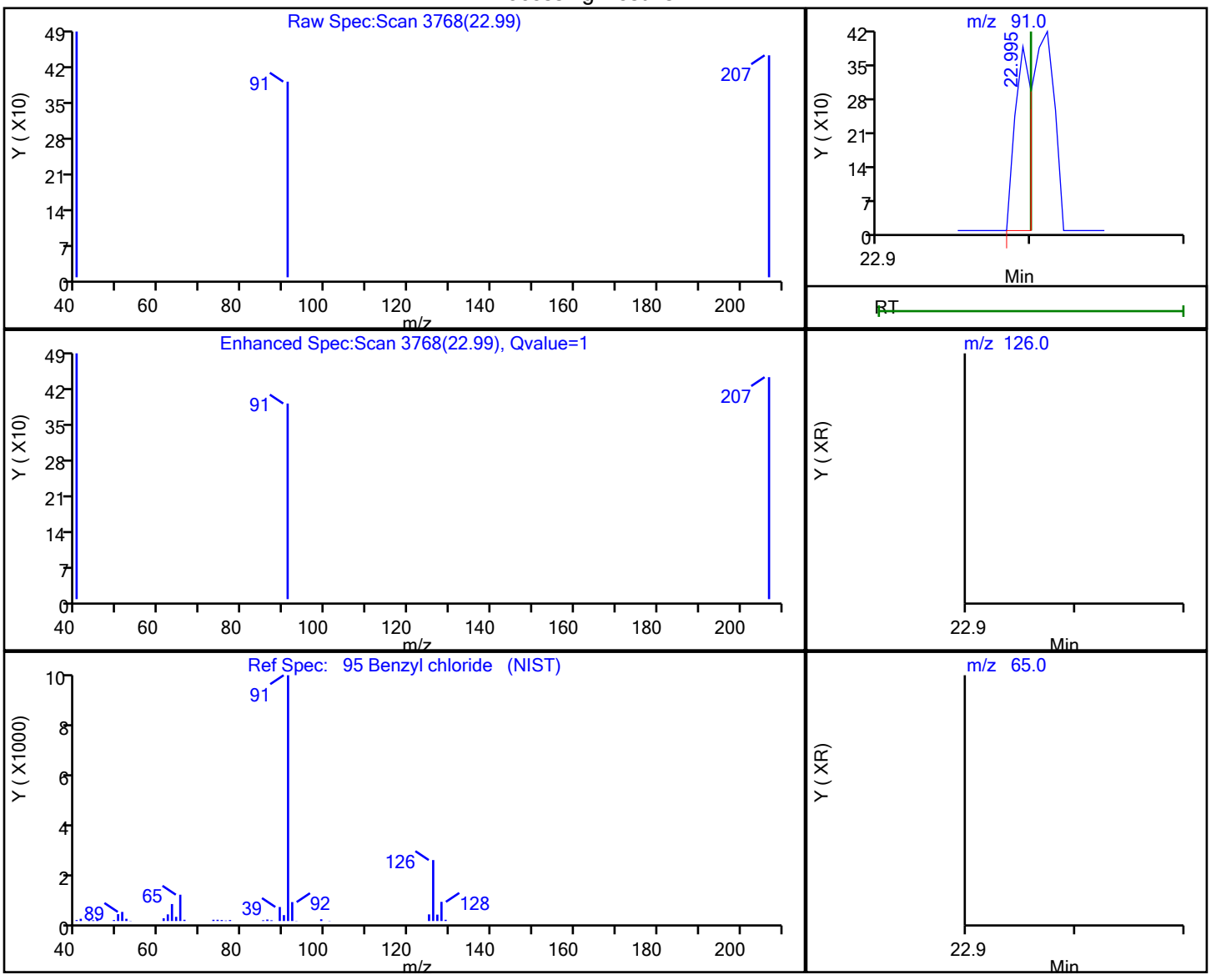
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d				
Injection Date:	08-Oct-2021 11:42:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.99	91.00	295	0.013725
23.00	126.00	0	
23.00	65.00	0	

Reviewer: bunmaa, 11-Oct-2021 07:55:58

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

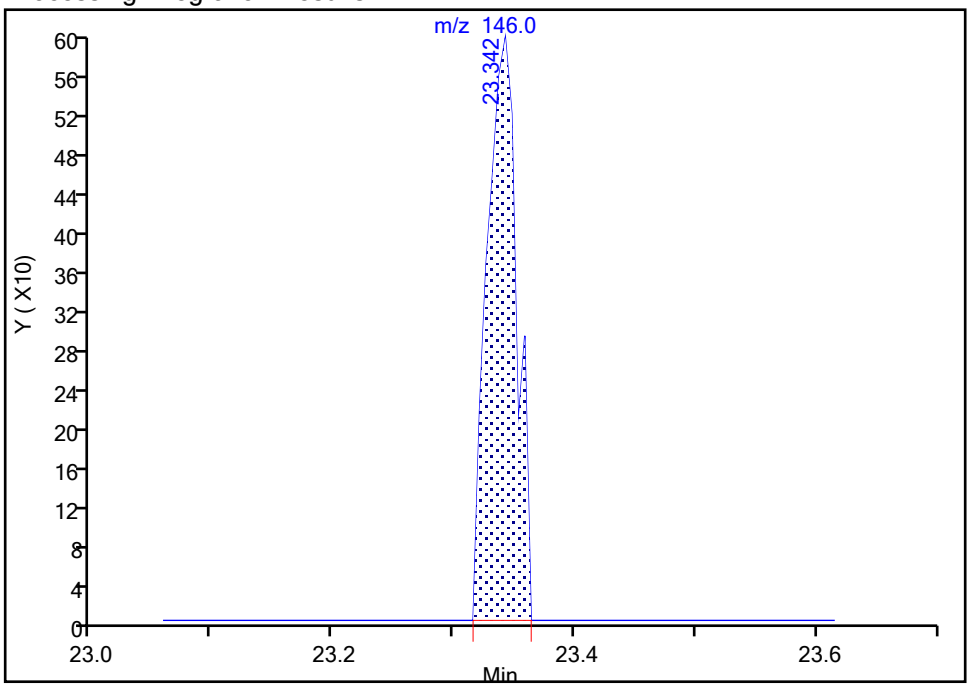
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d				
Injection Date:	08-Oct-2021 11:42:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

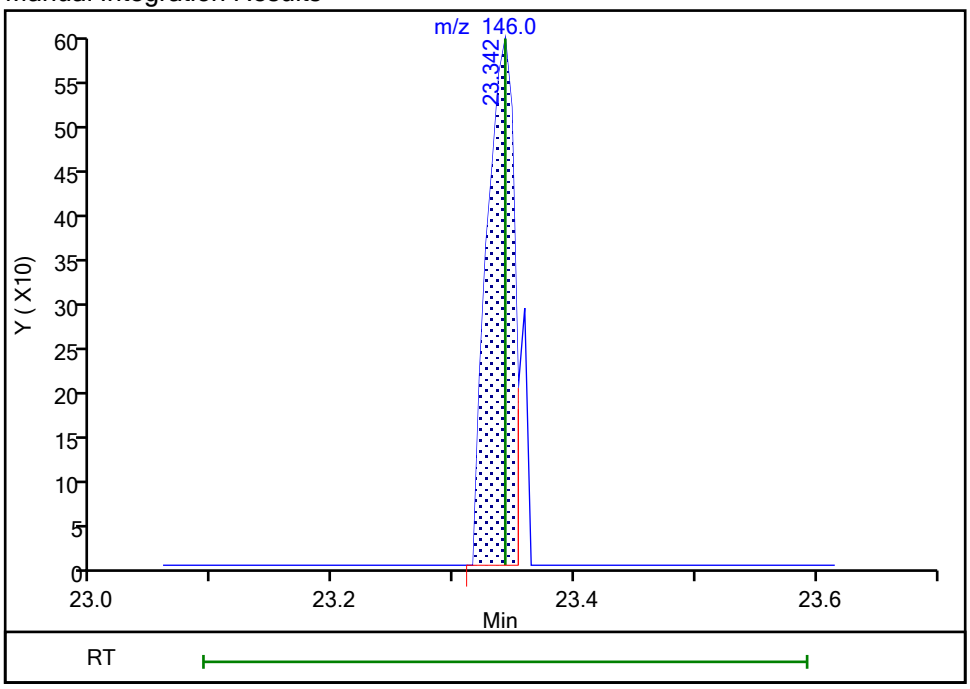
Processing Integration Results

RT: 23.34
Area: 1033
Amount: 0.045199
Amount Units: ppb v/v



Manual Integration Results

RT: 23.34
Area: 939
Amount: 0.041086
Amount Units: ppb v/v



Reviewer: bunmaa, 11-Oct-2021 07:56:13

Audit Action: Manually Integrated Audit Reason: Assign Peak

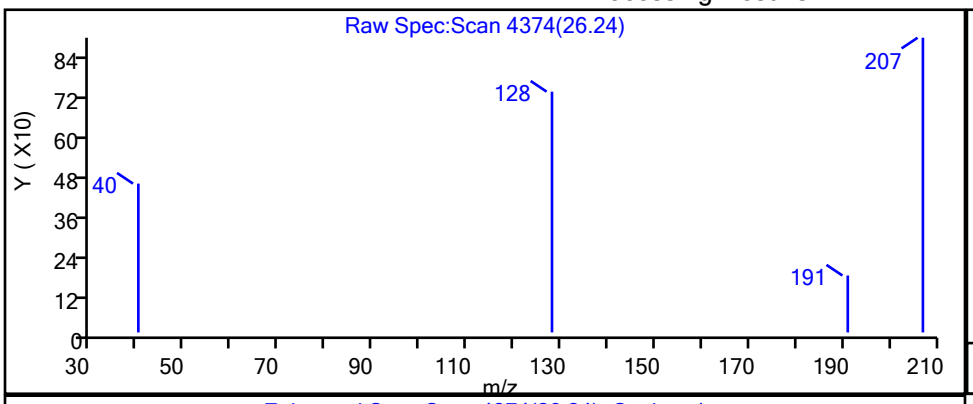
User Disabled Compound Report

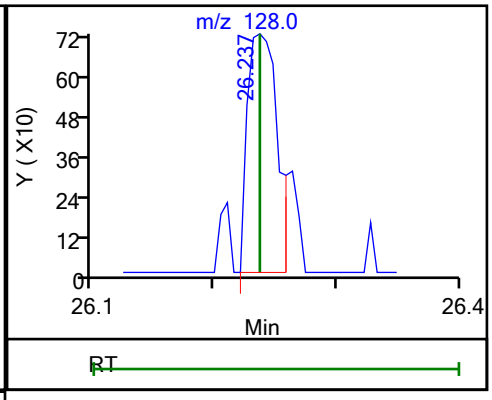
Eurofins TestAmerica, Burlington

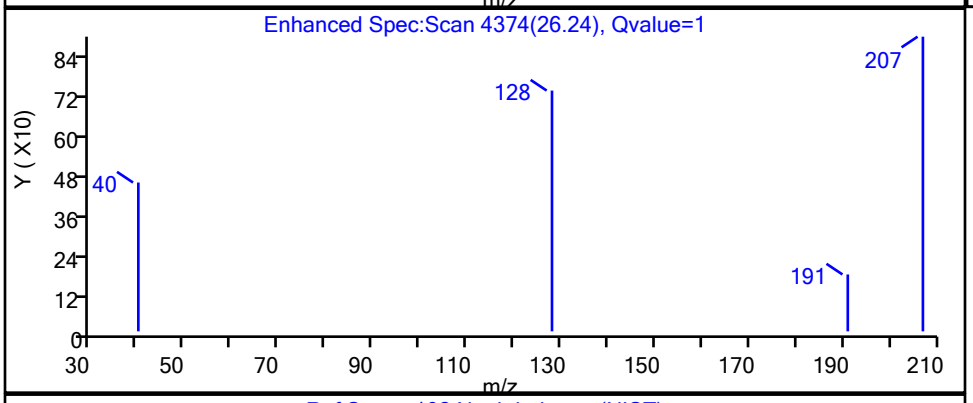
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-004.d				
Injection Date:	08-Oct-2021 11:42:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

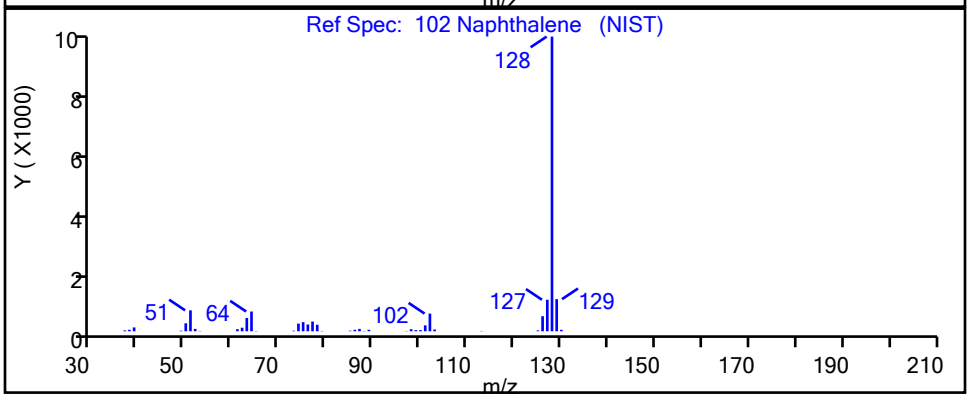
102 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.24	128.00	1250	0.052610

Reviewer: bunmaa, 11-Oct-2021 07:57:13

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

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-172389/3

Matrix: Air Lab File ID: 47894-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 10:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.01		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	8.65		0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.55		0.20	0.055
74-87-3	Chloromethane	50.49	9.13		0.50	0.12
106-97-8	n-Butane	58.12	7.95		0.50	0.19
75-01-4	Vinyl chloride	62.50	9.06		0.078	0.028
106-99-0	1,3-Butadiene	54.09	8.57		0.20	0.038
74-83-9	Bromomethane	94.94	10.2		0.20	0.052
75-00-3	Chloroethane	64.52	9.15		0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.2		0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	8.90		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	10.2		0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	10.3		0.035	0.029
67-64-1	Acetone	58.08	9.15		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	9.60		5.0	0.98
75-15-0	Carbon disulfide	76.14	10.2		0.50	0.13
107-05-1	3-Chloropropene	76.53	9.29		0.50	0.11
75-09-2	Methylene Chloride	84.93	8.85		0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	10.1		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	10.2		0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	9.76		0.20	0.088
110-54-3	n-Hexane	86.17	10.0		0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	9.37		0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	11.9		0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	11.8		0.050	0.033
67-66-3	Chloroform	119.38	9.41		0.20	0.046
109-99-9	Tetrahydrofuran	72.11	8.87		5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	9.16		0.20	0.039
110-82-7	Cyclohexane	84.16	10.5		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	8.17		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	10.3		0.20	0.035
71-43-2	Benzene	78.11	10.4		0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	8.75		0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-172389/3

Matrix: Air Lab File ID: 47894-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 10:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	9.52		0.20	0.059
79-01-6	Trichloroethene	131.39	10.7		0.035	0.024
80-62-6	Methyl methacrylate	100.12	10.5		0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	9.87		0.20	0.087
123-91-1	1,4-Dioxane	88.11	11.4		5.0	1.7
75-27-4	Bromodichloromethane	163.83	9.66		0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	9.88		0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	8.99		0.50	0.19
108-88-3	Toluene	92.14	10.7		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	9.80		0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	10.5		0.20	0.034
127-18-4	Tetrachloroethene	165.83	11.6		0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.83		0.50	0.20
124-48-1	Dibromochloromethane	208.28	9.89		0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	11.4		0.20	0.046
108-90-7	Chlorobenzene	112.56	11.0		0.20	0.043
100-41-4	Ethylbenzene	106.17	10.6		0.20	0.10
179601-23-1	m,p-Xylene	106.17	22.5		0.50	0.17
95-47-6	o-Xylene	106.17	11.2		0.20	0.094
100-42-5	Styrene	104.15	11.6		0.20	0.032
75-25-2	Bromoform	252.75	10.5		0.20	0.058
98-82-8	Cumene	120.19	11.4		0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.4		0.20	0.043
103-65-1	n-Propylbenzene	120.19	11.0		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	11.4		0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	11.2		0.20	0.044
95-49-8	2-Chlorotoluene	126.59	10.8		0.20	0.048
98-06-6	tert-Butylbenzene	134.22	11.1		0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	10.9		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	11.1		0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	11.1		0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	11.4		0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	11.7		0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-172389/3

Matrix: Air Lab File ID: 47894-003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 10:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	10.8		0.20	0.074
104-51-8	n-Butylbenzene	134.22	11.1		0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	11.0		0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	11.4		0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	9.95		0.20	0.031
91-20-3	Naphthalene	128.17	10.3		0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-003.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Oct-2021 10:49:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047894-003
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Oct-2021 07:52:25 Calib Date: 16-Sep-2021 09:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210915-47557.b\47557-020.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: bunmaa Date: 11-Oct-2021 07:52:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.121	4.131	-0.010	99	73843	10.1	8.96	
2 Dichlorodifluoromethane	85	4.217	4.222	-0.005	99	289463	10.6	9.01	
3 Chlorodifluoromethane	51	4.265	4.271	-0.006	97	144675	10.6	8.65	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.586	4.586	0.000	98	289228	10.6	9.55	
5 Chloromethane	50	4.693	4.704	-0.011	98	79050	9.94	9.13	
6 Vinyl chloride	62	5.009	5.014	-0.005	97	88853	9.99	9.06	
7 Butane	43	5.014	5.020	-0.006	98	114420	10.3	7.95	
8 Butadiene	54	5.126	5.132	-0.006	96	64940	9.70	8.57	
9 Bromomethane	94	5.849	5.849	0.000	98	98771	10.4	10.2	
12 BFB									
10 Chloroethane	64	6.121	6.127	-0.006	99	44477	10.6	9.15	
11 2-Methylbutane	43	6.335	6.330	0.005	92	88033	10.4	8.81	
13 Vinyl bromide	106	6.544	6.544	0.000	98	99193	10.0	10.2	
14 Trichlorofluoromethane	101	6.710	6.705	0.005	98	263938	10.4	8.90	
15 Pentane	43	6.919	6.919	0.000	98	120989	10.2	9.03	
16 Ethanol	45	7.100	7.100	0.005	99	37482	14.7	14.8	M
18 Ethyl ether	59	7.352	7.352	0.000	95	51342	10.2	9.81	
19 Acrolein	56	7.587	7.577	0.010	96	27000	9.71	8.95	
20 1,1-Dichloroethene	96	7.775	7.775	-0.001	96	89874	10.2	10.3	
21 112TCTFE	101	7.817	7.817	0.000	92	194244	10.7	10.2	
22 Acetone	43	7.871	7.871	0.000	97	102905	10.4	9.15	
24 Isopropyl alcohol	45	8.181	8.176	0.005	100	109372	10.2	9.60	
23 Carbon disulfide	76	8.186	8.181	0.005	100	224932	10.4	10.2	
25 Acetonitrile	41	8.363	8.358	0.005	99	40054	9.72	8.97	
26 3-Chloro-1-propene	41	8.481	8.475	0.006	98	84287	10.7	9.29	
27 Methylene Chloride	49	8.711	8.705	0.006	87	73842	10.2	8.85	
28 2-Methyl-2-propanol	59	8.951	8.952	-0.001	93	143608	10.8	10.1	
29 Acrylonitrile	53	9.112	9.112	0.000	95	42926	10.2	9.99	
30 trans-1,2-Dichloroethene	61	9.214	9.208	0.006	95	106982	10.3	9.76	
31 Methyl tert-butyl ether	73	9.230	9.230	0.000	96	226815	10.6	10.2	
32 Hexane	57	9.722	9.722	0.000	91	100312	10.5	10.0	
33 1,1-Dichloroethane	63	9.973	9.979	-0.006	99	128183	10.3	9.37	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	9.995	9.989	0.006	99	151827	10.1	9.24	
S 35 1,2-Dichloroethene, Total	61				0		20.0	21.5	
37 2-Butanone (MEK)	72	10.947	10.952	-0.005	99	35524	10.4	11.9	
36 cis-1,2-Dichloroethene	96	10.974	10.974	0.000	87	87908	10.4	11.8	
38 Ethyl acetate	88	11.038	11.049	-0.011	99	6783	10.2	10.5	
* 39 Chlorobromomethane	128	11.386	11.386	0.000	74	56984	10.0	10.0	
40 Tetrahydrofuran	42	11.444	11.439	0.005	86	64725	9.81	8.87	
41 Chloroform	83	11.562	11.562	0.000	95	173235	10.3	9.41	
42 1,1,1-Trichloroethane	97	11.867	11.867	0.000	94	199033	10.3	9.16	
43 Cyclohexane	84	12.011	12.012	-0.001	95	105334	10.2	10.5	
44 Carbon tetrachloride	117	12.151	12.145	0.006	97	227178	10.0	8.17	
45 Benzene	78	12.498	12.493	0.005	97	230360	10.4	10.4	
46 1,2-Dichloroethane	62	12.573	12.573	0.000	98	107396	10.5	8.75	
47 Isooctane	57	12.712	12.712	0.000	98	323908	10.1	10.3	
48 n-Heptane	43	13.028	13.023	0.005	88	109951	10.3	9.52	
* 49 1,4-Difluorobenzene	114	13.237	13.237	0.000	92	256175	10.0	10.0	
50 n-Butanol	56	13.477	13.472	0.005	88	42613	9.11	9.10	
51 Trichloroethene	95	13.670	13.665	0.005	95	117052	10.3	10.7	
A 52 GRO	1	14.047	(6.320-21.774)		0	36717380	649.9	0	
53 1,2-Dichloropropane	63	14.125	14.119	0.006	85	76861	10.3	9.87	
55 Methyl methacrylate	69	14.221	14.221	0.000	96	76735	10.2	10.5	
57 1,4-Dioxane	88	14.269	14.269	0.000	88	51190	10.3	11.4	
56 Dibromomethane	174	14.280	14.285	-0.005	87	162582	10.3	10.8	
58 Dichlorobromomethane	83	14.590	14.590	0.000	97	184796	10.3	9.66	
A 59 TVOC as Toluene	1	15.390	(4.121-26.658)		0	56822951	899.8	0	
60 cis-1,3-Dichloropropene	75	15.398	15.398	0.000	91	144572	9.94	9.88	
61 4-Methyl-2-pentanone (MIBK)	43	15.671	15.671	0.000	95	142222	10.2	8.99	
62 Toluene	92	16.040	16.040	0.000	94	181192	10.2	10.7	
63 n-Octane	43	16.291	16.291	0.000	87	151141	10.3	9.63	
64 trans-1,3-Dichloropropene	75	16.452	16.452	0.000	95	129964	9.85	9.80	
65 1,1,2-Trichloroethane	83	16.832	16.826	0.006	95	84665	10.5	10.5	
66 Tetrachloroethene	166	17.030	17.030	0.000	94	222166	10.5	11.6	
67 2-Hexanone	43	17.254	17.254	0.000	98	127288	10.1	9.83	
68 Chlorodibromomethane	129	17.564	17.570	-0.006	97	219605	10.6	9.89	
69 Ethylene Dibromide	107	17.805	17.811	-0.006	99	166813	10.7	11.4	
* 70 Chlorobenzene-d5	117	18.720	18.720	0.000	82	219082	10.0	10.0	
72 Chlorobenzene	112	18.779	18.779	0.000	98	268214	10.5	11.0	
73 Ethylbenzene	91	18.977	18.972	0.005	97	400026	10.2	10.6	
74 m-Xylene & p-Xylene	106	19.239	19.244	-0.005	0	345628	20.0	22.5	
75 n-Nonane	57	19.303	19.303	0.000	84	161512	10.5	11.1	
76 o-Xylene	106	20.009	20.009	0.000	99	165097	10.4	11.2	
77 Styrene	104	20.047	20.047	0.000	97	255715	10.3	11.6	
S 78 Xylenes, Total	106				0		30.0	33.7	
79 Bromoform	173	20.394	20.395	-0.001	98	194111	10.3	10.5	
80 Isopropylbenzene	105	20.715	20.716	-0.001	94	485965	10.5	11.4	
81 1,1,2,2-Tetrachloroethane	83	21.234	21.234	0.000	99	217139	10.3	10.4	
82 1,2,3-Trichloropropane	75	21.336	21.336	0.000	97	172981	10.6	10.4	
83 N-Propylbenzene	91	21.438	21.438	0.000	99	538710	10.4	11.0	
84 2-Chlorotoluene	91	21.582	21.582	0.000	96	345133	10.4	10.8	
85 4-Ethyltoluene	105	21.636	21.636	0.000	98	474728	10.2	11.4	
86 1,3,5-Trimethylbenzene	105	21.732	21.732	0.000	94	419848	10.5	11.2	
87 n-Decane	57	21.769	21.764	0.005	92	207077	10.3	11.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 Alpha Methyl Styrene	118	22.064	22.058	0.006	93	223765	10.2	11.6	
89 tert-Butylbenzene	119	22.213	22.213	0.000	95	431995	10.4	11.1	
90 1,2,4-Trimethylbenzene	105	22.304	22.304	0.000	96	413286	10.4	10.9	
91 sec-Butylbenzene	105	22.540	22.545	-0.005	98	599173	10.5	11.1	
92 1,3-Dichlorobenzene	146	22.716	22.716	0.000	94	295951	10.2	11.4	
93 4-Isopropyltoluene	119	22.759	22.759	0.000	97	534620	10.5	11.1	
94 1,4-Dichlorobenzene	146	22.855	22.855	0.000	97	275423	10.4	11.7	
95 Benzyl chloride	91	23.000	23.000	0.000	99	271221	10.2	10.8	
96 n-Butylbenzene	91	23.310	23.310	0.000	97	422113	10.5	11.1	
97 1,2-Dichlorobenzene	146	23.342	23.342	0.000	99	295417	10.8	11.0	
98 Undecane	57	23.460	23.460	0.000	92	214846	10.7	10.0	
99 Dodecane	57	25.033	25.038	-0.005	97	143308	10.6	7.84	
100 1,2,4-Trichlorobenzene	180	25.760	25.766	-0.006	93	166356	11.0	11.4	
101 Hexachlorobutadiene	225	26.012	26.012	0.000	93	339852	10.8	9.95	
102 Naphthalene	128	26.236	26.236	0.000	99	285044	10.5	10.3	
103 1,2,3-Trichlorobenzene	180	26.648	26.648	0.000	96	156163	10.9	8.66	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ATTO15LCSW_00831	Amount Added: 200.00	Units: mL	
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

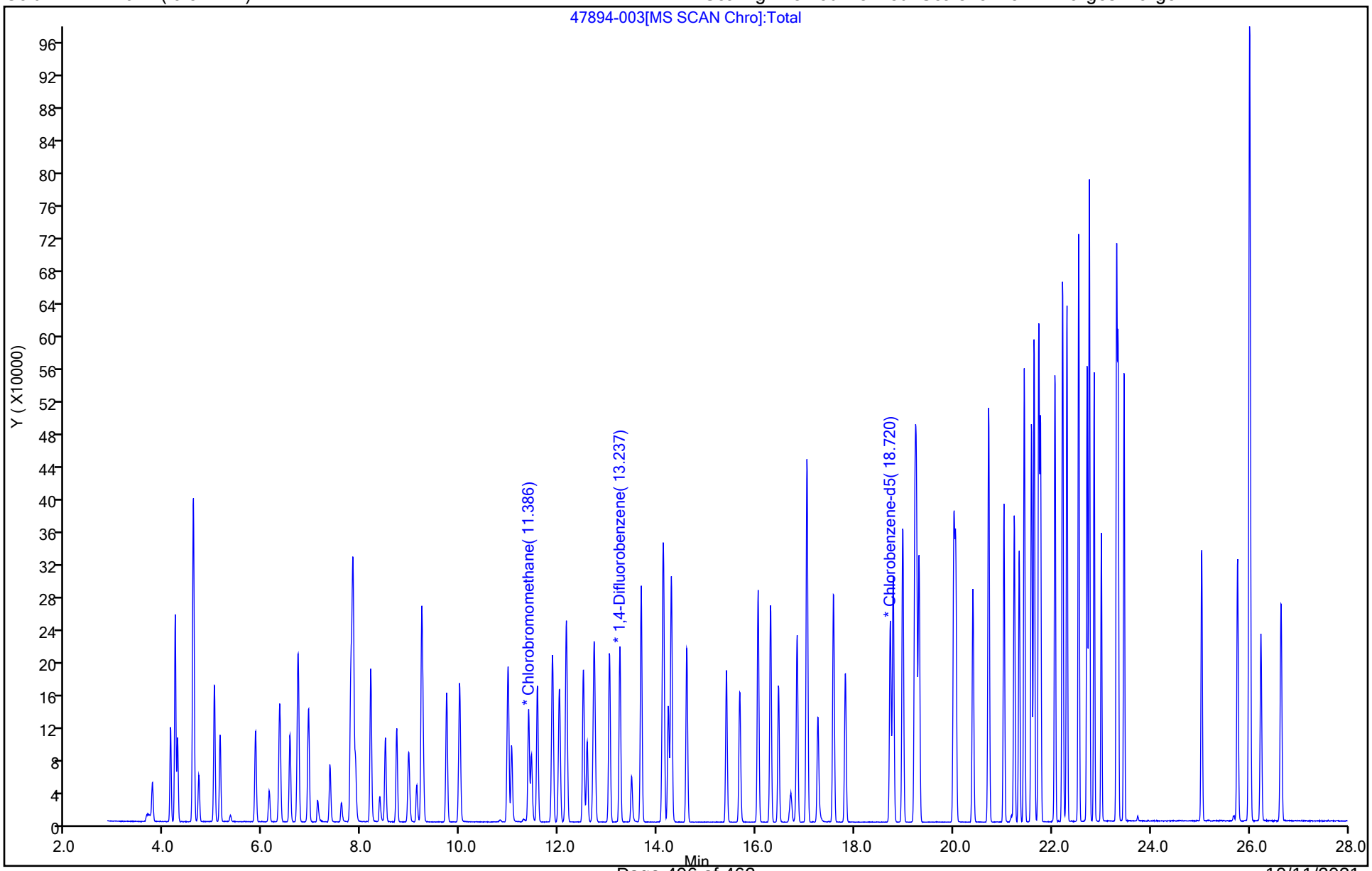
Report Date: 11-Oct-2021 07:52:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20211008-47894.b\47894-003.d

Injection Date:	08-Oct-2021 10:49:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Start Date: 09/15/2021 16:10

Analysis Batch Number: 171376 End Date: 09/16/2021 12:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-171376/1		09/15/2021 16:10	1	47557-001.d	RTX-624 0.32(mm)
IC 200-171376/3		09/15/2021 17:54	1	47557-003.d	RTX-624 0.32(mm)
IC 200-171376/5		09/15/2021 19:41	1	47557-005.d	RTX-624 0.32(mm)
ZZZZZ		09/15/2021 19:41	1		RTX-624 0.32(mm)
IC 200-171376/6		09/15/2021 20:34	1	47557-006.d	RTX-624 0.32(mm)
ZZZZZ		09/15/2021 20:34	1		RTX-624 0.32(mm)
IC 200-171376/8		09/15/2021 22:21	1	47557-008.d	RTX-624 0.32(mm)
IC 200-171376/11		09/16/2021 01:00	1	47557-011.d	RTX-624 0.32(mm)
IC 200-171376/12		09/16/2021 01:53	1	47557-012.d	RTX-624 0.32(mm)
ZZZZZ		09/16/2021 03:40	1		RTX-624 0.32(mm)
ICIS 200-171376/17		09/16/2021 06:19	1	47557-017.d	RTX-624 0.32(mm)
IC 200-171376/20		09/16/2021 09:57	1	47557-020.d	RTX-624 0.32(mm)
ZZZZZ		09/16/2021 09:57	1		RTX-624 0.32(mm)
ICV 200-171376/22		09/16/2021 12:39	1	47557-022.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Instrument ID: CHW.i Start Date: 10/08/2021 09:05

Analysis Batch Number: 172389 End Date: 10/09/2021 08:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-172389/1		10/08/2021 09:05	1	47894-001.d	RTX-624 0.32(mm)
CCVIS 200-172389/2		10/08/2021 09:57	1	47894-002.d	RTX-624 0.32(mm)
LCS 200-172389/3		10/08/2021 10:49	1	47894-003.d	RTX-624 0.32(mm)
MB 200-172389/4		10/08/2021 11:42	1	47894-004.d	RTX-624 0.32(mm)
ZZZZZ		10/08/2021 12:34	1		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 13:26	10		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 14:19	10		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 15:11	10		RTX-624 0.32(mm)
200-60355-1	IA-1_20210929	10/08/2021 16:56	1	47894-010.d	RTX-624 0.32(mm)
200-60355-2	IA-X_20210929	10/08/2021 17:49	1	47894-011.d	RTX-624 0.32(mm)
200-60355-3	AA_20210929	10/08/2021 18:45	1	47894-012.d	RTX-624 0.32(mm)
ZZZZZ		10/08/2021 19:38	15.1		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 20:30	15.1		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 21:23	62		RTX-624 0.32(mm)
ZZZZZ		10/08/2021 23:08	19.9		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 00:01	101		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 00:53	30		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 01:46	147		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 03:31	16.9		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 04:23	84.4		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 05:15	20		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 06:08	100.2		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 07:00	25.1		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 07:52	125.3		RTX-624 0.32(mm)
ZZZZZ		10/09/2021 08:44	10		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-60355-1

SDG No.:

Batch Number: 171376 Batch Start Date: 09/15/21 16:10 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00232	ATTO15CAL2w 00305	ATTO15CAL3w 00238	ATTO15CAL4w 00770
BFB 200-171376/1		TO-15		200 mL	200 mL				
IC 200-171376/3		TO-15		200 mL	200 mL	32 mL			
IC 200-171376/5		TO-15		200 mL	200 mL		180 mL		
IC 200-171376/6		TO-15		200 mL	200 mL			180 mL	
IC 200-171376/8		TO-15		200 mL	200 mL				300 mL
IC 200-171376/11		TO-15		200 mL	200 mL				
IC 200-171376/12		TO-15		200 mL	200 mL				
ICIS 200-171376/17		TO-15		200 mL	200 mL				200 mL
IC 200-171376/20		TO-15		200 mL	200 mL	180 mL			
ICV 200-171376/22		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL6w 00192	ATTO15CAL7w 00109	ATTO15LCSW 00830	ATTO15WISs 00009		
BFB 200-171376/1		TO-15					20 mL		
IC 200-171376/3		TO-15					20 mL		
IC 200-171376/5		TO-15					20 mL		
IC 200-171376/6		TO-15					20 mL		
IC 200-171376/8		TO-15					20 mL		
IC 200-171376/11		TO-15		200 mL			20 mL		
IC 200-171376/12		TO-15			200 mL		20 mL		
ICIS 200-171376/17		TO-15					20 mL		
IC 200-171376/20		TO-15					20 mL		
ICV 200-171376/22		TO-15				200 mL	20 mL		

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-60355-1

SDG No.:

Batch Number: 171376 Batch Start Date: 09/15/21 16:10 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-60355-1

SDG No.:

Batch Number: 172389 Batch Start Date: 10/08/21 09:05 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00771	ATTO15LCSW 00831	ATTO15WISs 00009	
BFB 200-172389/1		TO-15		200 mL	200 mL			20 mL	
CCVIS 200-172389/2		TO-15		200 mL	200 mL	200 mL		20 mL	
LCS 200-172389/3		TO-15		200 mL	200 mL		200 mL	20 mL	
MB 200-172389/4		TO-15		200 mL	200 mL			20 mL	
200-60355-A-1	IA-1_20210929	TO-15	T	200 mL	200 mL			20 mL	
200-60355-A-2	IA-X_20210929	TO-15	T	200 mL	200 mL			20 mL	
200-60355-A-3	AA_20210929	TO-15	T	376 mL	200 mL			20 mL	

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.

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-60355	10/01/21	15:35	29.6	25	6186	JPB

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-60355-a-1	4820	-9.3	N	5185	87/145	Y	3460-47478	
200-60355-a-2	4301	-8.5	N	4045	87/145	Y	3460-47478	
200-60355-a-3	34001304	-17.2	Y	3746	87/145	Y	3460-47478	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Summa Canister Dilution Worksheet

Client: AKRF Inc
Project/Site: New City

Job No.: 200-60355-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-60355-3	6	-16.7	0.44	2.65	-2.50489	0.83	4.98		1.88	1.88	G24	10/08/21 11:52	TPB

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	8/29/2021	1548	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4820	103	103	0	29.9	G26	8/30/21	1248	—	22.0	G26	9/21/21	1200	—	22.0
2	4452	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	2688	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	4301	↓	113	110	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
5	3212	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
6	34002087	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	34001304	↓	112	109	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	5021	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	2520	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	3460	103	103	0	29.7	G26	9/21/21	1258	—	22.0	G26	9/22/21	1707	—	22.0
11	2944	103	103	0	29.9	G26	8/30/21	1248	—	22.0	G26	9/21/21	1200	—	22.0
12	3464	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revi
3460	9/13/21	47478	1581		XXXXXXX				9/13/21	TDB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

Cup Tees/Vac gauges (enter IDs if included):

200-59892-A-10
3460
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 8/29/2021 12:00 AM 200-1530651
Loc: 200
59892
#10 A
Air-Storag

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 47478-006.d

Lab ID: LCS 200-171166/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.1	8.33	82	50-158	
Dichlorodifluoromethane	10.6	13.7	130	61-142	
Freon 22	10.6	11.0	104	60-147	
1,2-Dichlorotetrafluoroethane	10.6	10.9	103	71-141	
Chloromethane	9.94	8.83	89	56-141	
n-Butane	10.3	8.66	84	53-151	
Vinyl chloride	9.99	9.03	90	61-135	
1,3-Butadiene	9.70	8.18	84	58-139	
Bromomethane	10.4	8.46	81	72-124	
Chloroethane	10.6	7.79	74	68-130	
Bromoethene(Vinyl Bromide)	10.0	9.38	93	75-125	
Trichlorofluoromethane	10.4	13.4	129	70-129	
Ethanol	14.7	11.6	79	50-150	
Freon TF	10.7	10.0	94	70-121	
1,1-Dichloroethene	10.2	8.77	86	68-120	
Acetone	10.4	10.3	99	54-154	
Isopropyl alcohol	10.2	9.36	92	53-142	
Carbon disulfide	10.4	8.75	84	71-138	
3-Chloropropene	10.7	8.42	79	50-150	
Methylene Chloride	10.2	10.2	100	59-137	
tert-Butyl alcohol	10.8	11.0	102	66-132	
Methyl tert-butyl ether	10.6	10.7	102	70-127	
trans-1,2-Dichloroethene	10.3	10.1	98	69-137	
n-Hexane	10.5	8.79	84	63-138	
1,1-Dichloroethane	10.3	9.51	93	66-130	
Vinyl acetate	10.1	10.1	100	59-149	
Ethyl acetate	10.2	8.61	84	70-131	
Methyl Ethyl Ketone	10.4	8.38	81	72-124	
cis-1,2-Dichloroethene	10.4	9.11	88	72-121	
Chloroform	10.3	10.4	101	73-124	
Tetrahydrofuran	9.81	9.14	93	60-149	
1,1,1-Trichloroethane	10.3	13.1	127	72-127	
Cyclohexane	10.2	9.00	88	76-124	
Carbon tetrachloride	10.0	14.1	140	71-133	*+
2,2,4-Trimethylpentane	10.1	8.74	86	68-131	
Benzene	10.4	8.84	85	73-119	
1,2-Dichloroethane	10.5	13.0	124	68-135	
n-Heptane	10.3	8.60	83	60-142	
Trichloroethene	10.3	11.4	111	73-122	
Methyl methacrylate	10.2	8.99	88	73-129	
1,2-Dichloropropane	10.3	8.56	83	69-128	
1,4-Dioxane	10.3	10.0	97	66-129	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 47478-006.d

Lab ID: LCS 200-171166/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.3	11.5	111	75-127	
cis-1,3-Dichloropropene	9.94	10.1	102	74-125	
methyl isobutyl ketone	10.2	9.97	98	58-144	
Toluene	10.2	9.29	91	75-122	
trans-1,3-Dichloropropene	9.85	10.5	106	74-128	
1,1,2-Trichloroethane	10.5	9.37	89	75-126	
Tetrachloroethene	10.5	11.0	105	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.1	9.45	93	57-143	
Dibromochloromethane	10.6	9.97	94	73-125	
1,2-Dibromoethane	10.7	10.5	98	78-122	
Chlorobenzene	10.5	10.1	96	76-119	
Ethylbenzene	10.2	9.54	93	74-122	
m,p-Xylene	20.0	20.2	101	76-121	
Xylene, o-	10.4	10.0	97	73-123	
Styrene	10.3	10.0	97	74-125	
Bromoform	10.3	8.13	79	53-149	
Cumene	10.5	10.5	101	73-123	
1,1,2,2-Tetrachloroethane	10.3	8.62	83	74-126	
n-Propylbenzene	10.4	10.4	100	73-127	
4-Ethyltoluene	10.2	10.6	103	75-129	
1,3,5-Trimethylbenzene	10.5	11.0	105	72-126	
2-Chlorotoluene	10.4	10.7	103	74-126	
tert-Butylbenzene	10.4	11.1	107	71-125	
1,2,4-Trimethylbenzene	10.4	11.1	106	71-129	
sec-Butylbenzene	10.5	10.5	100	70-128	
4-Isopropyltoluene	10.5	11.1	106	68-130	
1,3-Dichlorobenzene	10.2	12.9	127	69-131	
1,4-Dichlorobenzene	10.4	13.1	126	67-132	
Benzyl chloride	10.2	12.4	122	60-136	
n-Butylbenzene	10.5	11.4	109	65-137	
1,2-Dichlorobenzene	10.8	12.2	113	68-129	
1,2,4-Trichlorobenzene	11.0	16.2	148	50-150	
Hexachlorobutadiene	10.8	15.6	144	58-130	*+
Naphthalene	10.5	12.8	122	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab File ID: 47478-007.d Lab Sample ID: MB 200-171166/7

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

Instrument ID: CHW.i Date Analyzed: 09/10/2021 12:45

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-171166/6	47478-006.d	09/10/2021 11:52
3460	200-59892-10	47478-009.d	09/10/2021 14:57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-171166/7

Matrix: Air Lab File ID: 47478-007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 09/10/2021 12:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-171166/7

Matrix: Air Lab File ID: 47478-007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 09/10/2021 12:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-171166/7

Matrix: Air Lab File ID: 47478-007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 09/10/2021 12:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-007.d
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 10-Sep-2021 12:45:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047478-007
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 13-Sep-2021 07:55:32 Calib Date: 02-Sep-2021 20:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210902-47388.b\47388-011.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: puangmaleek Date: 13-Sep-2021 07:55:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.115					ND	
2 Dichlorodifluoromethane	85		4.212					ND	
3 Chlorodifluoromethane	51		4.260					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.575					ND	
5 Chloromethane	50		4.693					ND	
6 Vinyl chloride	62		5.003					ND	
7 Butane	43		5.009					ND	
8 Butadiene	54		5.121					ND	
9 Bromomethane	94		5.843					ND	
10 Chloroethane	64		6.116					ND	
11 2-Methylbutane	43		6.330					ND	
13 Vinyl bromide	106		6.544					ND	
14 Trichlorofluoromethane	101		6.710					ND	
15 Pentane	43		6.919					ND	
16 Ethanol	45		7.100					ND	
18 Ethyl ether	59		7.357					ND	
19 Acrolein	56		7.587					ND	
20 1,1-Dichloroethene	96		7.780					ND	
21 112TCTFE	101		7.817					ND	
22 Acetone	43		7.876					ND	
24 Isopropyl alcohol	45		8.176					ND	
23 Carbon disulfide	76		8.186					ND	
25 Acetonitrile	41		8.363					ND	
26 3-Chloro-1-propene	41		8.481					ND	
27 Methylene Chloride	49		8.711					ND	
28 2-Methyl-2-propanol	59		8.962					ND	
29 Acrylonitrile	53		9.117					ND	
30 trans-1,2-Dichloroethene	61		9.214					ND	
31 Methyl tert-butyl ether	73		9.235					ND	
32 Hexane	57		9.727					ND	
33 1,1-Dichloroethane	63		9.979					ND	
34 Vinyl acetate	43		9.995					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
37 2-Butanone (MEK)	72		10.958					ND	
36 cis-1,2-Dichloroethene	96		10.974					ND	
38 Ethyl acetate	88		11.038					ND	
* 39 Chlorobromomethane	128	11.364	11.364	0.000	67	16525	10.0	10.0	
40 Tetrahydrofuran	42		11.444					ND	
41 Chloroform	83		11.562					ND	
42 1,1,1-Trichloroethane	97		11.872					ND	
43 Cyclohexane	84		12.012					ND	
44 Carbon tetrachloride	117		12.156					ND	
45 Benzene	78		12.498					ND	
46 1,2-Dichloroethane	62		12.579					ND	
47 Isooctane	57		12.718					ND	
48 n-Heptane	43		13.028					ND	
* 49 1,4-Difluorobenzene	114	13.221	13.221	0.000	94	77599	10.0	10.0	
50 n-Butanol	56		13.472					ND	
51 Trichloroethene	95		13.670					ND	
A 52 GRO	1	14.050	(6.320-21.779)		0	196467		0	
53 1,2-Dichloropropane	63		14.130					ND	
55 Methyl methacrylate	69		14.221					ND	
57 1,4-Dioxane	88		14.274					ND	
56 Dibromomethane	174		14.285					ND	
58 Dichlorobromomethane	83		14.595					ND	
A 59 TVOC as Toluene	1	15.384	(4.105-26.664)		0	244401		0	
60 cis-1,3-Dichloropropene	75		15.403					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.671					ND	
62 Toluene	92		16.040					ND	
63 n-Octane	43		16.297					ND	
64 trans-1,3-Dichloropropene	75		16.457					ND	
65 1,1,2-Trichloroethane	83		16.837					ND	
66 Tetrachloroethene	166		17.035					ND	
67 2-Hexanone	43		17.254					ND	
68 Chlorodibromomethane	129		17.575					ND	
69 Ethylene Dibromide	107		17.811					ND	
* 70 Chlorobenzene-d5	117	18.715	18.715	0.000	86	59850	10.0	10.0	
72 Chlorobenzene	112		18.784					ND	
73 Ethylbenzene	91		18.977					ND	
74 m-Xylene & p-Xylene	106		19.239					ND	
75 n-Nonane	57		19.314					ND	
76 o-Xylene	106		20.015					ND	
77 Styrene	104		20.052					ND	
S 78 Xylenes, Total	106		20.100					ND	7
79 Bromoform	173		20.400					ND	
80 Isopropylbenzene	105		20.721					ND	
81 1,1,2,2-Tetrachloroethane	83		21.240					ND	
82 1,2,3-Trichloropropane	75		21.341					ND	
83 N-Propylbenzene	91		21.443					ND	
84 2-Chlorotoluene	91		21.587					ND	
85 4-Ethyltoluene	105		21.641					ND	
86 1,3,5-Trimethylbenzene	105		21.737					ND	
87 n-Decane	57		21.769					ND	
88 Alpha Methyl Styrene	118		22.064					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119		22.219					ND	
90 1,2,4-Trimethylbenzene	105		22.304					ND	
91 sec-Butylbenzene	105		22.545					ND	
92 1,3-Dichlorobenzene	146		22.716					ND	U
93 4-Isopropyltoluene	119		22.759					ND	
94 1,4-Dichlorobenzene	146		22.861					ND	U
95 Benzyl chloride	91		23.005					ND	
96 n-Butylbenzene	91		23.315					ND	
97 1,2-Dichlorobenzene	146		23.342					ND	
98 Undecane	57		23.465					ND	
99 Dodecane	57		25.038					ND	
100 1,2,4-Trichlorobenzene	180		25.771					ND	
101 Hexachlorobutadiene	225		26.017					ND	
102 Naphthalene	128		26.247					ND	U
103 1,2,3-Trichlorobenzene	180		26.654					ND	
107 Chlorotrifluoroethene TIC	1		0.000					ND	
108 Difluoroethane TIC	1		0.000					ND	
109 Total Alkanes TIC	1		0.000					ND	
110 Freon 115 TIC	1		0.000					ND	
111 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
112 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00009 Amount Added: 20.00 Units: mL Run Reagent

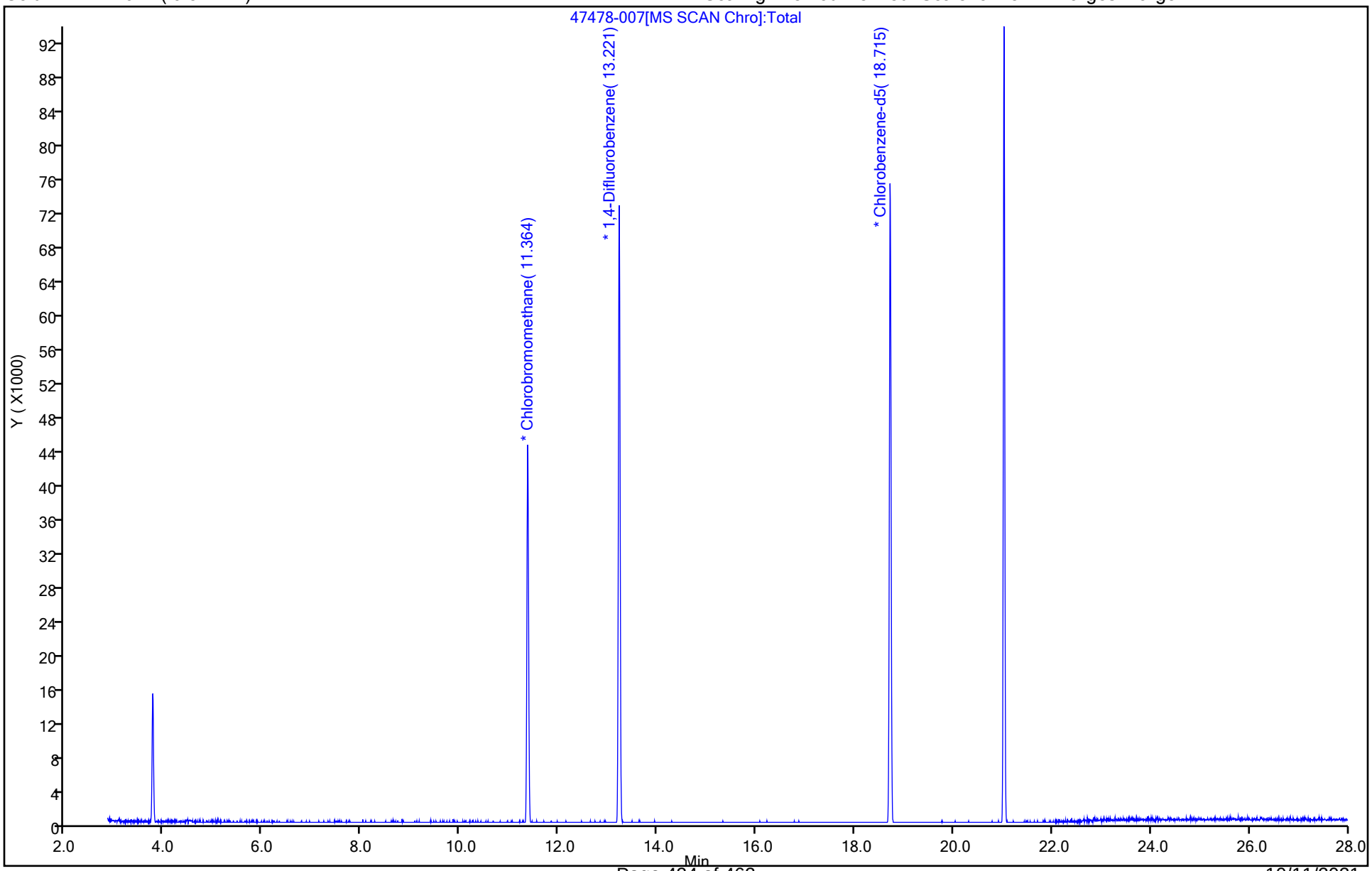
Report Date: 13-Sep-2021 07:55:32 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-007.d

Injection Date:	10-Sep-2021 12:45:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



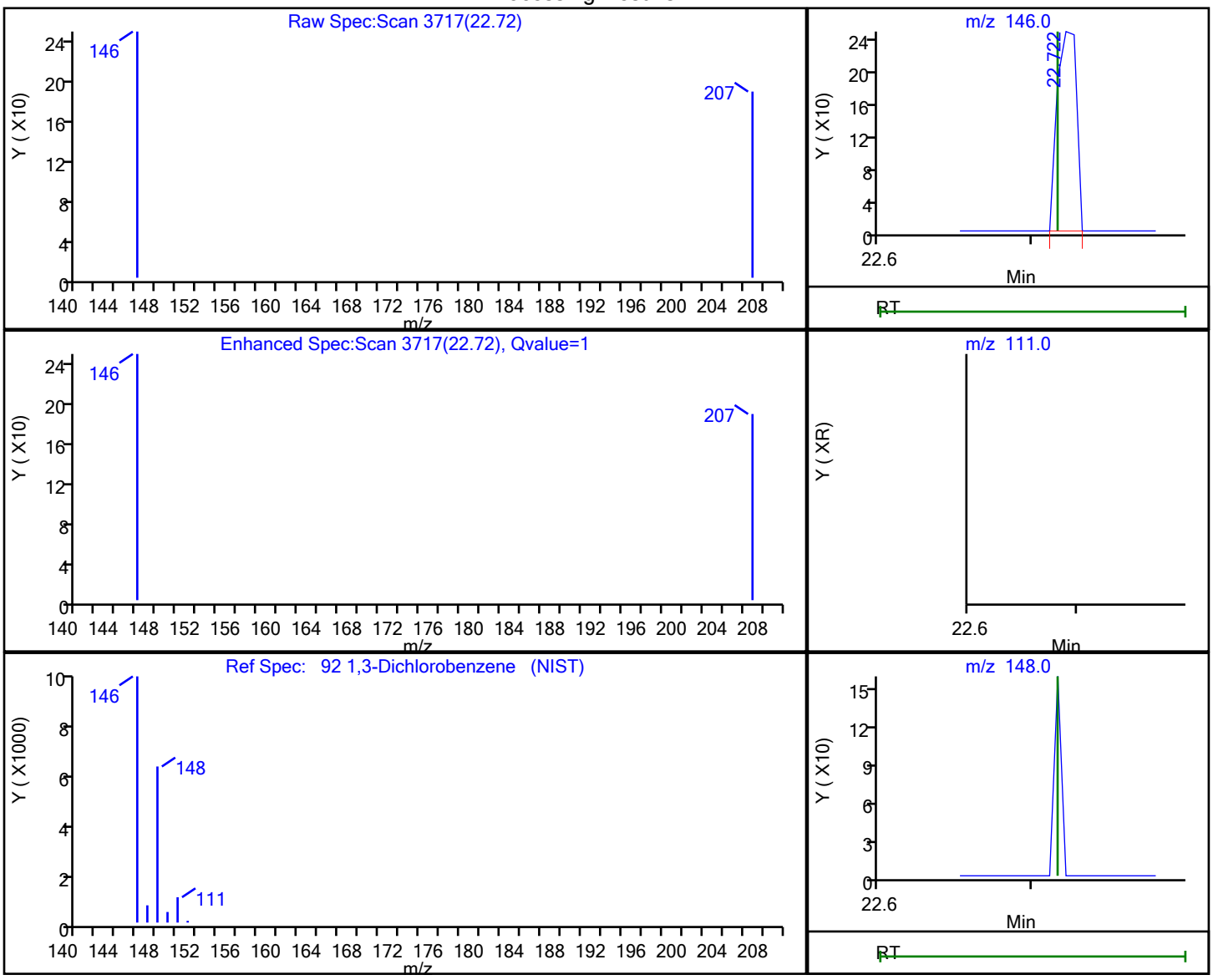
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-007.d				
Injection Date:	10-Sep-2021 12:45:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
22.72	146.00	217	0.033964
22.72	111.00	0	
22.72	148.00	0	

Reviewer: puangmaleek, 13-Sep-2021 07:55:20

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

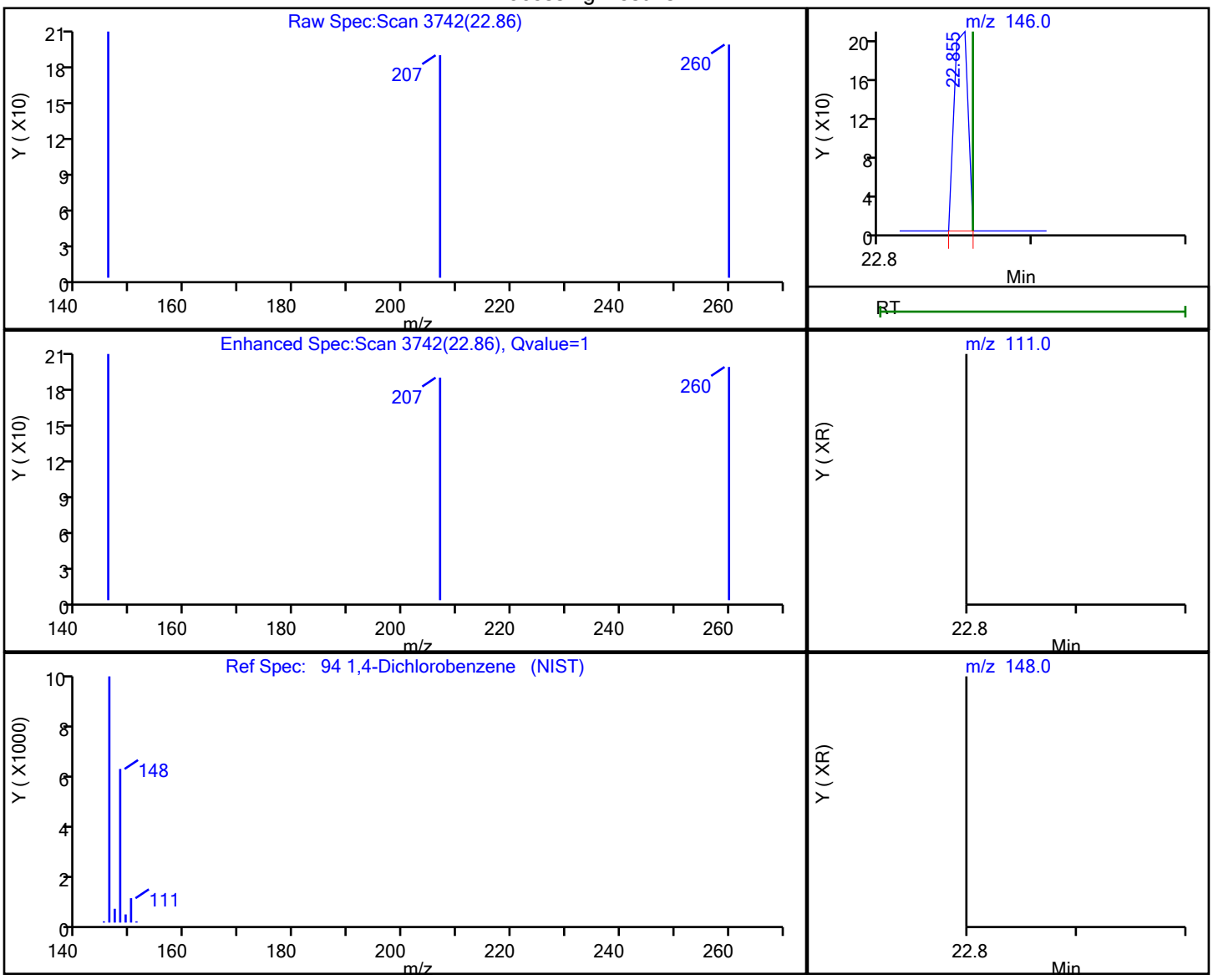
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-007.d				
Injection Date:	10-Sep-2021 12:45:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.86	146.00	130	0.022233
22.86	111.00	0	
22.86	148.00	0	

Reviewer: puangmaleek, 13-Sep-2021 07:55:23

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

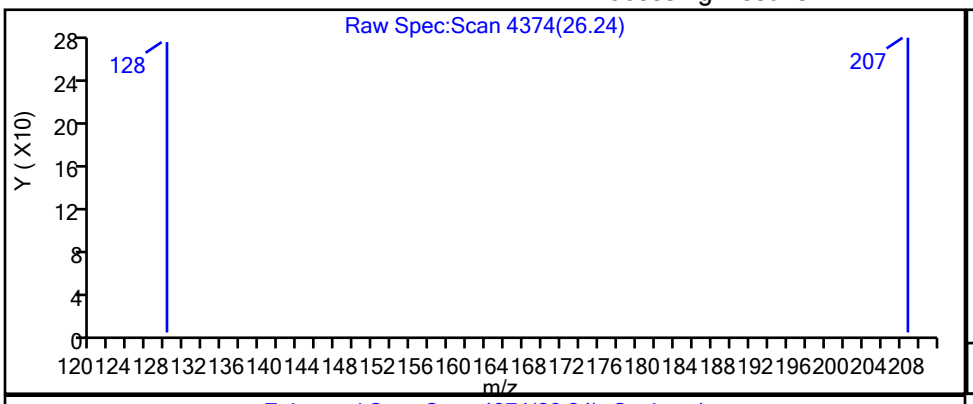
User Disabled Compound Report

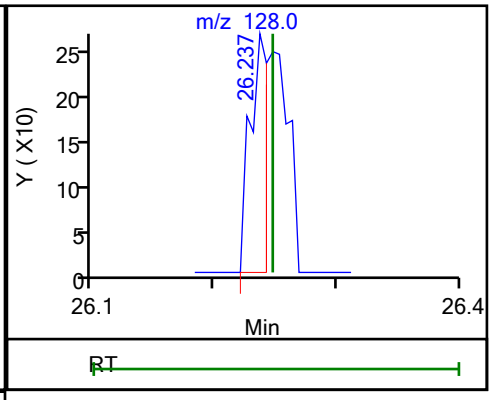
Eurofins TestAmerica, Burlington

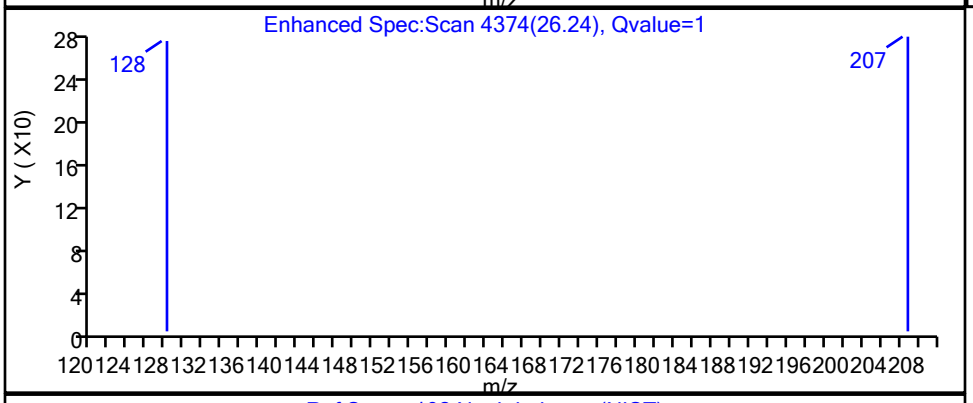
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-007.d				
Injection Date:	10-Sep-2021 12:45:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

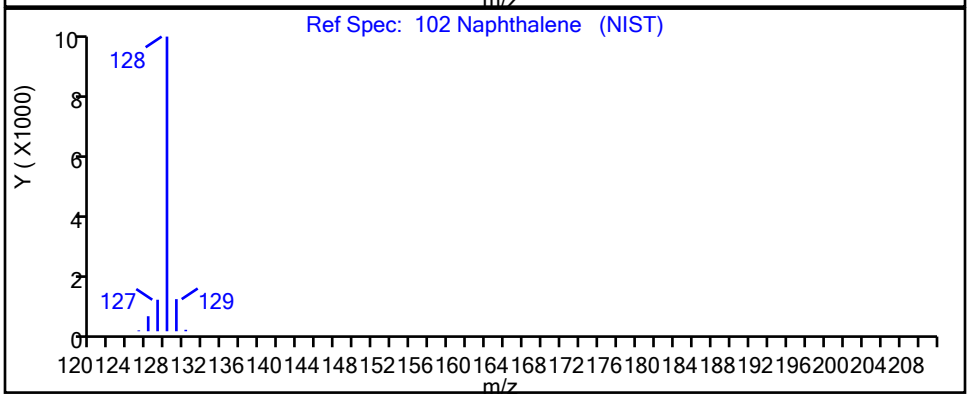
102 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.24	128.00	267	0.035522

Reviewer: puangmaleek, 13-Sep-2021 07:54:51

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

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab File ID: 47388-001.d BFB Injection Date: 09/02/2021

Instrument ID: CHW.i BFB Injection Time: 11:31

Analysis Batch No.: 170926

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	43.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.7	(0.6) 1
174	50.0 - 120.0% of mass 95	102.0	
175	4.0 - 9.0 % of mass 174	7.5	(7.4) 1
176	93.0 - 101.0% of mass 174	101.4	(99.4) 1
177	5.0 - 9.0% of mass 176	6.9	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-170926/2	47388-002.d	09/02/2021	12:19
	IC 200-170926/3	47388-003.d	09/02/2021	13:13
	IC 200-170926/4	47388-004.d	09/02/2021	14:05
	IC 200-170926/5	47388-005.d	09/02/2021	14:59
	ICIS 200-170926/6	47388-006.d	09/02/2021	15:51
	IC 200-170926/7	47388-007.d	09/02/2021	16:44
	IC 200-170926/10	47388-010.d	09/02/2021	19:24
	IC 200-170926/11	47388-011.d	09/02/2021	20:17
	ICV 200-170926/15	47388-015.d	09/02/2021	23:48

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab File ID: 47478-001.d BFB Injection Date: 09/10/2021

Instrument ID: CHW.i BFB Injection Time: 07:35

Analysis Batch No.: 171166

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.8	
75	30.0 - 66.0% of mass 95	51.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.5	(0.4) 1
174	50.0 - 120.0% of mass 95	119.6	
175	4.0 - 9.0 % of mass 174	9.3	(7.8) 1
176	93.0 - 101.0% of mass 174	116.7	(97.5) 1
177	5.0 - 9.0% of mass 176	7.1	(6.1) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-171166/5	47478-005.d	09/10/2021	10:58
	LCS 200-171166/6	47478-006.d	09/10/2021	11:52
	MB 200-171166/7	47478-007.d	09/10/2021	12:45
3460	200-59892-10	47478-009.d	09/10/2021	14:57

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Sample No.: ICIS 200-170926/6 Date Analyzed: 09/02/2021 15:51

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 47388-006.d Heated Purge: (Y/N) N

Calibration ID: 46578

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		80316	11.39	400825	13.24	348968	18.73
UPPER LIMIT		112442	11.72	561155	13.57	488555	19.06
LOWER LIMIT		48190	11.06	240495	12.91	209381	18.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-170926/15		67380	11.39	313396	13.24	266925	18.73

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Sample No.: CCVIS 200-171166/5 Date Analyzed: 09/10/2021 10:58

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 47478-005.d Heated Purge: (Y/N) N

Calibration ID: 46578

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16199	11.39	76434	13.24	65113	18.73
UPPER LIMIT		22679	11.72	107008	13.57	91158	19.06
LOWER LIMIT		9719	11.06	45860	12.91	39068	18.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-171166/6		17523	11.39	78554	13.24	69025	18.73
MB 200-171166/7		16525	11.36	77599	13.22	59850	18.72
200-59892-10	3460	13510	11.39	60423	13.24	49595	18.73

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: 3460 Lab Sample ID: 200-59892-10

Matrix: Air Lab File ID: 47478-009.d

Analysis Method: TO-15 Date Collected: 08/29/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/10/2021 14:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U *+	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: 3460 Lab Sample ID: 200-59892-10

Matrix: Air Lab File ID: 47478-009.d

Analysis Method: TO-15 Date Collected: 08/29/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/10/2021 14:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Client Sample ID: 3460 Lab Sample ID: 200-59892-10

Matrix: Air Lab File ID: 47478-009.d

Analysis Method: TO-15 Date Collected: 08/29/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 09/10/2021 14:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 171166 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U *+	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-009.d
Lims ID: 200-59892-A-10
Client ID: 3460
Sample Type: Client
Inject. Date: 10-Sep-2021 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0047478-009
Misc. Info.: 59892-+10
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 13-Sep-2021 07:55:32 Calib Date: 02-Sep-2021 20:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20210902-47388.b\47388-011.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: puangmaleek Date: 13-Sep-2021 07:56:38

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.115				ND	
2	Dichlorodifluoromethane	85		4.212				ND	
3	Chlorodifluoromethane	51		4.260				ND	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.575				ND	
5	Chloromethane	50		4.693				ND	
6	Vinyl chloride	62		5.003				ND	
7	Butane	43		5.009				ND	
8	Butadiene	54		5.121				ND	
9	Bromomethane	94		5.843				ND	
10	Chloroethane	64		6.116				ND	
13	Vinyl bromide	106		6.544				ND	
14	Trichlorofluoromethane	101		6.710				ND	
16	Ethanol	45		7.100				ND	
20	1,1-Dichloroethene	96		7.780				ND	
21	112TCTFE	101		7.817				ND	
22	Acetone	43		7.876				ND	
24	Isopropyl alcohol	45		8.176				ND	
23	Carbon disulfide	76	8.197	8.186	0.011	37	204	0.0431	
26	3-Chloro-1-propene	41		8.481				ND	
27	Methylene Chloride	49		8.711				ND	
28	2-Methyl-2-propanol	59		8.962				ND	
30	trans-1,2-Dichloroethene	61		9.214				ND	
31	Methyl tert-butyl ether	73		9.235				ND	
32	Hexane	57		9.727				ND	
33	1,1-Dichloroethane	63		9.979				ND	
34	Vinyl acetate	43		9.995				ND	
S 35	1,2-Dichloroethene, Total	61		10.200				ND	7
37	2-Butanone (MEK)	72		10.958				ND	
36	cis-1,2-Dichloroethene	96		10.974				ND	
38	Ethyl acetate	88		11.038				ND	
* 39	Chlorobromomethane	128	11.386	11.364	0.022	68	13510	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Tetrahydrofuran	42		11.444				ND	
	41 Chloroform	83		11.562				ND	
	42 1,1,1-Trichloroethane	97		11.872				ND	
	43 Cyclohexane	84		12.012				ND	
	44 Carbon tetrachloride	117		12.156				ND	
	45 Benzene	78		12.498				ND	
	46 1,2-Dichloroethane	62		12.579				ND	
	47 Isooctane	57		12.718				ND	
	48 n-Heptane	43		13.028				ND	
*	49 1,4-Difluorobenzene	114	13.237	13.221	0.016	94	60423	10.0	
	51 Trichloroethene	95		13.670				ND	
	53 1,2-Dichloropropane	63		14.130				ND	
	55 Methyl methacrylate	69		14.221				ND	
	57 1,4-Dioxane	88		14.274				ND	
	56 Dibromomethane	174		14.285				ND	
	58 Dichlorobromomethane	83		14.595				ND	
	60 cis-1,3-Dichloropropene	75		15.403				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.671				ND	
	62 Toluene	92		16.040				ND	
	64 trans-1,3-Dichloropropene	75		16.457				ND	
	65 1,1,2-Trichloroethane	83		16.837				ND	
	66 Tetrachloroethene	166		17.035				ND	
	67 2-Hexanone	43		17.254				ND	
	68 Chlorodibromomethane	129		17.575				ND	
	69 Ethylene Dibromide	107		17.811				ND	
*	70 Chlorobenzene-d5	117	18.726	18.715	0.011	93	49595	10.0	
	72 Chlorobenzene	112		18.784				ND	
	73 Ethylbenzene	91		18.977				ND	
	74 m-Xylene & p-Xylene	106		19.239				ND	
	76 o-Xylene	106		20.015				ND	
	77 Styrene	104		20.052				ND	
S	78 Xylenes, Total	106		20.100				ND	7
	79 Bromoform	173		20.400				ND	
	80 Isopropylbenzene	105		20.721				ND	
	81 1,1,2,2-Tetrachloroethane	83		21.240				ND	
	83 N-Propylbenzene	91		21.443				ND	
	84 2-Chlorotoluene	91		21.587				ND	
	85 4-Ethyltoluene	105		21.641				ND	
	86 1,3,5-Trimethylbenzene	105		21.737				ND	
	89 tert-Butylbenzene	119		22.219				ND	
	90 1,2,4-Trimethylbenzene	105		22.304				ND	
	91 sec-Butylbenzene	105		22.545				ND	
	92 1,3-Dichlorobenzene	146		22.716				ND	
	93 4-Isopropyltoluene	119		22.759				ND	
	94 1,4-Dichlorobenzene	146		22.861				ND	
	95 Benzyl chloride	91		23.005				ND	
	96 n-Butylbenzene	91		23.315				ND	
	97 1,2-Dichlorobenzene	146		23.342				ND	
	100 1,2,4-Trichlorobenzene	180		25.771				ND	
	101 Hexachlorobutadiene	225		26.017				ND	
	102 Naphthalene	128		26.247				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

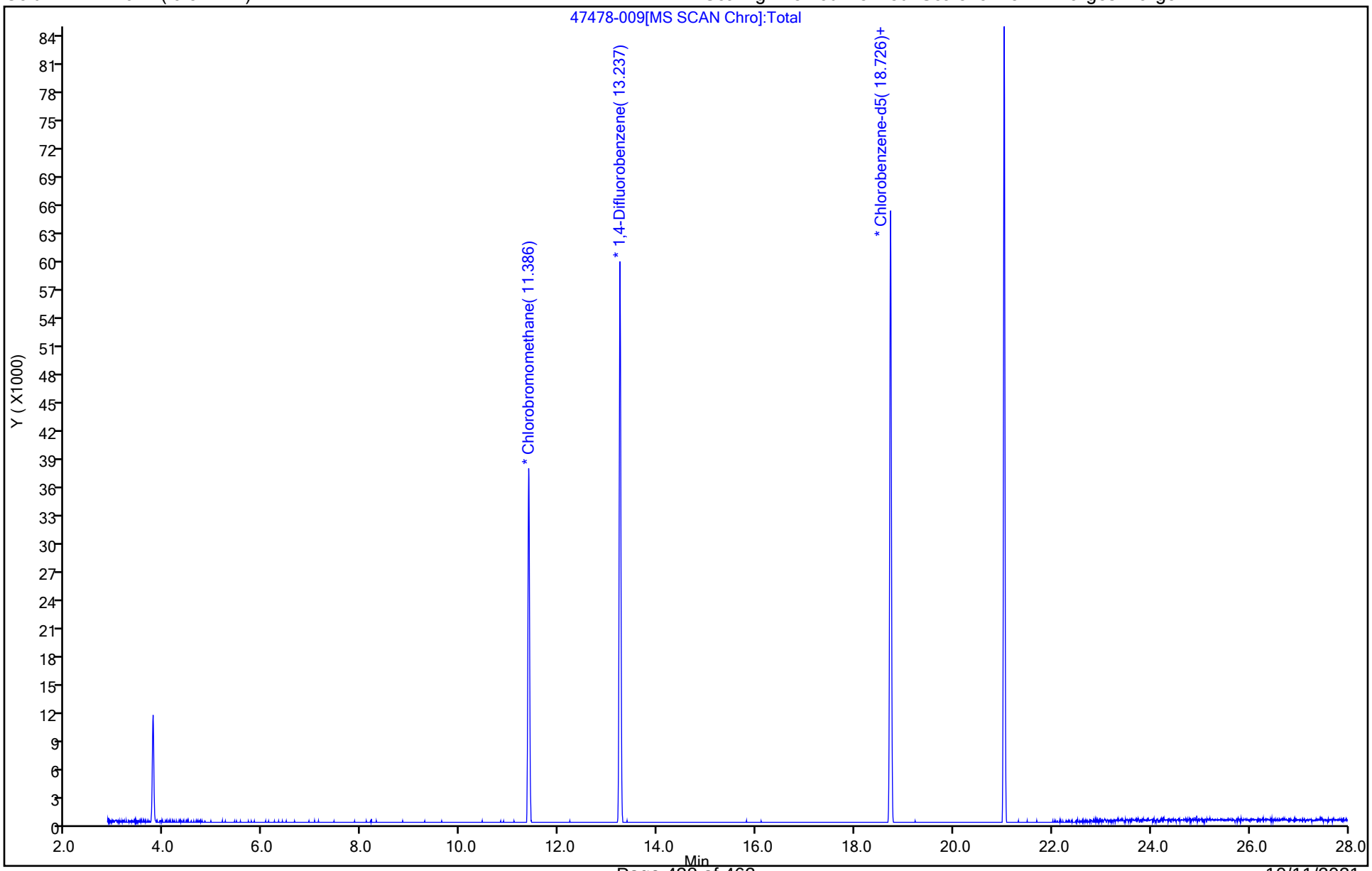
ATTO15WISs_00009	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 13-Sep-2021 07:56:38 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20210910-47478.b\47478-009.d				
Injection Date:	10-Sep-2021 14:57:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-59892-A-10	Lab Sample ID:	200-59892-10	Worklist Smp#:	9
Client ID:	3460				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-170926/2	47388-002.d
Level 2	IC 200-170926/3	47388-003.d
Level 3	IC 200-170926/4	47388-004.d
Level 4	IC 200-170926/5	47388-005.d
Level 5	ICIS 200-170926/6	47388-006.d
Level 6	IC 200-170926/7	47388-007.d
Level 7	IC 200-170926/10	47388-010.d
Level 8	IC 200-170926/11	47388-011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Propylene	+++++ 1.0060	+++++ 0.9673	+++++ 0.9571	0.9982	0.9945	Ave		0.9846				2.2		30.0			
Dichlorodifluoromethane	+++++ 4.5855	+++++ 4.5788	5.0476 4.3575	4.5284	4.5683	Ave		4.6110				5.0		30.0			
Freon 22	+++++ 2.1136	+++++ 2.0625	2.4073 1.9769	2.0610	2.1009	Ave		2.1204				7.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.5672	5.3872 4.2805	5.0845 4.2117	4.4689	4.5023	Ave		4.6432				9.3		30.0			
Chloromethane	+++++ 1.1198	+++++ 1.0455	1.2300 1.0425	1.0909	1.0813	Ave		1.1017				6.3		30.0			
Vinyl chloride	1.8471 1.2236	1.4171 1.1671	1.3817 1.1414	1.2070	1.2033	Ave		1.3235				17.6		30.0			
n-Butane	+++++ 1.4555	+++++ 1.4040	2.3881 1.3609	1.4401	1.4026	Ave		1.5752				25.4		30.0			
1,3-Butadiene	1.3074 0.8684	1.3988 0.8479	1.0369 0.8279	0.8627	0.8501	Ave		1.0000				22.9		30.0			
Bromomethane	+++++ 1.6239	2.0057 1.4944	1.8988 1.4605	1.6229	1.5889	Ave		1.6707				12.2		30.0			
Chloroethane	+++++ 0.7453	+++++ 0.6876	0.8341 0.6692	0.7440	0.7389	Ave		0.7365				7.8		30.0			
Isopentane	+++++ 1.3019	2.0099 1.2127	1.7061 1.1561	1.2811	1.2667	Ave		1.4192				22.3		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.6360	1.8981 1.5250	1.8348 1.4980	1.6366	1.6291	Ave		1.6654				9.0		30.0			
Trichlorofluoromethane	+++++ 4.4979	5.4381 4.3282	4.8954 4.1834	4.3189	4.3762	Ave		4.5769				9.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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-Pentane	+++++ 1.8513	+++++ 1.7110	2.4844 1.6369	1.8509	1.8415	Ave		1.8960				15.9		30.0			
Ethanol	+++++ 0.3843	+++++ 0.3376	0.3676 0.3432	0.3439	0.3779	Ave		0.3591				5.6		30.0			
Ethyl ether	+++++ 0.8665	0.9697 0.8071	0.9309 0.7335	0.8200	0.8615	Ave		0.8556				9.2		30.0			
Acrolein	+++++ 0.5000	+++++ 0.4480	+++++ 0.3879	0.4793	0.4854	Ave		0.4601				9.7		30.0			
1,1-Dichloroethene	1.8577 1.4725	1.8955 1.2875	1.7218 1.2562	1.4792	1.4607	Ave		1.5539				15.7		30.0			
Freon TF	+++++ 3.0602	4.1790 2.6934	3.5290 2.6320	3.0167	3.0500	Ave		3.1658				16.9		30.0			
Acetone	+++++ 1.6182	+++++ 1.4373	+++++ 1.3993	1.5414	1.5786	Ave		1.5150				6.2		30.0			
Isopropyl alcohol	+++++ 1.7403	+++++ 1.4432	+++++ 1.4318	1.7366	1.7253	Ave		1.6154				10.1		30.0			
Carbon disulfide	+++++ 3.6053	+++++ 3.0291	4.1824 3.0162	3.6086	3.5854	Ave		3.5045				12.4		30.0			
Acetonitrile	+++++ 0.6116	+++++ 0.5084	+++++ 0.5048	0.5924	0.6072	Ave		0.5649				9.5		30.0			
3-Chloropropene	+++++ 1.1914	1.7395 0.9929	1.5661 0.9081	1.1856	1.1847	Ave		1.2526				23.8		30.0			
Methylene Chloride	+++++ 1.1068	+++++ 0.9772	1.3302 0.9568	1.0818	1.0901	Ave		1.0905				12.2		30.0			
tert-Butyl alcohol	+++++ 2.3383	+++++ 2.0136	+++++ 1.9769	2.3239	2.3220	Ave		2.1950				8.3		30.0			
Acrylonitrile	+++++ 0.6816	+++++ 0.5739	0.4551 0.5602	0.6297	0.6517	Ave		0.5920				13.7		30.0			
trans-1,2-Dichloroethene	1.2513 1.6960	2.0239 1.4977	1.7178 1.3592	1.6671	1.6989	Ave		1.6140				14.9		30.0			
Methyl tert-butyl ether	+++++ 3.7939	4.5180 3.3884	3.7377 3.1729	3.6403	3.6887	Ave		3.7057				11.3		30.0			
n-Hexane	+++++ 1.3703	1.8013 1.2680	1.7501 1.2440	1.3326	1.5268	Ave		1.4704				15.5		30.0			
1,1-Dichloroethane	2.0720 1.8889	2.2129 1.7666	2.1079 1.7188	1.8724	2.0469	Ave		1.9608				8.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Vinyl acetate	+++++ 2.1264	+++++ 2.0216	+++++ 1.9526	2.0054	2.3145	Ave		2.0841				6.9		30.0			
Methyl Ethyl Ketone	+++++ 0.5507	0.7366 0.5404	0.6186 0.4727	0.5790	0.5389	Ave		0.5767				14.4		30.0			
cis-1,2-Dichloroethene	1.1215 1.3730	1.7630 1.3485	1.6219 1.1950	1.4426	1.3403	Ave		1.4007				15.0		30.0			
Ethyl acetate	+++++ 0.1138	+++++ 0.1098	+++++ 0.1022	0.1084	0.1065	Ave		0.1081				4.0		30.0			
Tetrahydrofuran	+++++ 0.1714	+++++ 0.1977	0.2239 0.1775	0.1972	0.1724	Ave		0.1900				10.7		30.0			
Chloroform	+++++ 2.8158	3.4618 2.8526	3.3266 2.7786	2.9121	2.7838	Ave		2.9902				9.4		30.0			
1,1,1-Trichloroethane	+++++ 0.6814	0.8182 0.7546	0.8218 0.6956	0.7344	0.6806	Ave		0.7409				8.2		30.0			
Cyclohexane	+++++ 0.3450	0.4521 0.3652	0.4443 0.3358	0.3767	0.3579	Ave		0.3824				12.3		30.0			
Carbon tetrachloride	0.8885 0.8034	0.9550 0.8573	0.9511 0.7952	0.8376	0.8009	Ave		0.8611				7.5		30.0			
Benzene	+++++ 0.7617	1.0220 0.7788	0.9109 0.7213	0.8064	0.7678	Ave		0.8241				12.8		30.0			
1,2-Dichloroethane	+++++ 0.3726	0.4317 0.4019	0.4305 0.3741	0.3945	0.3738	Ave		0.3970				6.5		30.0			
2,2,4-Trimethylpentane	+++++ 0.9973	1.2955 1.0205	1.2591 0.9288	1.0623	1.0079	Ave		1.0816				12.9		30.0			
n-Heptane	+++++ 0.3241	0.4440 0.3317	0.4375 0.3016	0.3451	0.3283	Ave		0.3589				16.0		30.0			
n-Butanol	+++++ 0.1570	+++++ 0.1611	+++++ 0.1505	0.1645	0.1617	Ave		0.1590				3.4		30.0			
Trichloroethene	0.3573 0.3820	0.4736 0.3941	0.4495 0.3682	0.3995	0.3872	Ave		0.4014				10.0		30.0			
1,2-Dichloropropane	+++++ 0.2404	0.2896 0.2447	0.2844 0.2230	0.2626	0.2451	Ave		0.2557				9.5		30.0			
Methyl methacrylate	+++++ 0.2623	0.2903 0.2677	0.2878 0.2451	0.2626	0.2561	Ave		0.2674				6.1		30.0			
1,4-Dioxane	+++++ 0.1589	+++++ 0.1599	+++++ 0.1434	0.1685	0.1625	Ave		0.1587				5.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Dibromomethane	+++++ 0.5088	0.6437 0.5219	0.6060 0.4949	0.5288	0.5040	Ave		0.5440				10.5		30.0			
Bromodichloromethane	+++++ 0.6246	0.7511 0.6602	0.6982 0.6151	0.6016	0.6180	Ave		0.6527				8.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.4963	0.5553 0.4807	0.4963 0.4432	0.4661	0.4896	Ave		0.4896				7.1		30.0			
methyl isobutyl ketone	+++++ 0.4452	+++++ 0.4263	0.4802 0.3993	0.4659	0.4428	Ave		0.4433				6.5		30.0			
Toluene	+++++ 0.7786	0.9389 0.6558	0.8286 0.6567	0.7658	0.7240	Ave		0.7640				13.1		30.0			
n-Octane	+++++ 0.4580	0.5725 0.4445	0.5513 0.4148	0.4852	0.4662	Ave		0.4847				11.8		30.0			
trans-1,3-Dichloropropene	+++++ 0.4728	0.4640 0.4656	0.4996 0.4574	0.4653	0.4693	Ave		0.4706				2.9		30.0			
1,1,2-Trichloroethane	+++++ 0.3347	0.3413 0.2839	0.3769 0.2969	0.3237	0.3108	Ave		0.3240				9.5		30.0			
Tetrachloroethene	1.0960 0.8853	1.2281 0.7980	1.0049 0.8053	0.8550	0.8160	Ave		0.9361				16.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5287	+++++ 0.4927	0.4579 0.4858	0.4883	0.4832	Ave		0.4894				4.7		30.0			
Dibromochloromethane	+++++ 1.0113	1.0181 0.9691	1.1143 0.9368	0.9781	0.8658	Ave		0.9848				7.8		30.0			
1,2-Dibromoethane	+++++ 0.6760	0.6319 0.6302	0.7295 0.6176	0.6332	0.5710	Ave		0.6413				7.7		30.0			
Chlorobenzene	+++++ 1.0235	1.2055 1.0323	1.2322 1.0126	1.0729	1.0406	Ave		1.0885				8.4		30.0			
Ethylbenzene	+++++ 1.5797	1.9585 1.6224	1.9478 1.5768	1.7187	1.6380	Ave		1.7203				9.6		30.0			
m,p-Xylene	+++++ 0.6631	0.8310 0.6729	0.8061 0.6517	0.7180	0.6775	Ave		0.7172				10.1		30.0			
n-Nonane	+++++ 0.5451	0.7068 0.5677	0.7548 0.5397	0.6204	0.5822	Ave		0.6167				13.5		30.0			
Xylene, o-	+++++ 0.6555	0.7834 0.6592	0.7749 0.6313	0.7009	0.6550	Ave		0.6943				8.9		30.0			
Styrene	+++++ 1.0314	1.0891 1.0415	1.1364 1.0052	1.0734	1.0300	Ave		1.0582				4.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Bromoform	+++++ 0.9147	0.9021 0.9889	1.0641 0.9655	0.9201	0.7438	Ave		0.9285				10.6		30.0			
Cumene	+++++ 2.0961	2.2791 1.9597	2.3164 1.7182	2.0702	1.9732	Ave		2.0590				9.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8564	0.9763 0.7916	0.9338 0.7144	0.8347	0.7899	Ave		0.8424				10.6		30.0			
1,2,3-Trichloropropane	+++++ 0.6806	+++++ 0.6392	0.7267 0.5737	0.6447	0.6361	Ave		0.6502				7.8		30.0			
n-Propylbenzene	+++++ 2.2710	2.4370 2.1344	2.3953 1.8789	2.2066	2.1287	Ave		2.2074				8.5		30.0			
2-Chlorotoluene	+++++ 1.4521	1.5176 1.3600	1.5671 1.2258	1.3976	1.3444	Ave		1.4092				8.1		30.0			
4-Ethyltoluene	+++++ 2.0391	2.1249 1.9184	2.0529 1.7693	1.9884	1.9211	Ave		1.9735				5.9		30.0			
1,3,5-Trimethylbenzene	+++++ 1.7535	1.9349 1.6409	1.8369 1.5358	1.7374	1.6359	Ave		1.7250				7.8		30.0			
n-Decane	+++++ 0.7725	+++++ 0.7169	0.8403 0.5630	0.7737	0.7273	Ave		0.7323				12.8		30.0			
Alpha Methyl Styrene	+++++ 0.9524	0.8800 0.8941	0.8891 0.7947	0.9046	0.8812	Ave		0.8852				5.3		30.0			
tert-Butylbenzene	+++++ 1.7859	2.1330 1.7072	2.0299 1.5156	1.7777	1.6754	Ave		1.8035				11.7		30.0			
1,2,4-Trimethylbenzene	+++++ 1.7363	1.9095 1.6354	1.8371 1.4768	1.7021	1.6286	Ave		1.7037				8.4		30.0			
sec-Butylbenzene	+++++ 2.4526	2.8975 2.3158	2.7305 2.0458	2.4439	2.3010	Ave		2.4553				11.5		30.0			
1,3-Dichlorobenzene	+++++ 1.1885	0.9638 1.1392	0.9693 1.0462	1.0699	1.0958	Ave		1.0675				7.8		30.0			
4-Isopropyltoluene	+++++ 2.2802	2.4792 2.1682	2.4389 1.9268	2.2272	2.1369	Ave		2.2368				8.4		30.0			
1,4-Dichlorobenzene	+++++ 1.1245	0.8146 1.0839	0.7926 1.0200	0.9746	1.0285	Ave		0.9770				13.1		30.0			
Benzyl chloride	+++++ 1.2242	0.9086 1.1709	0.8153 1.1128	1.0272	1.1127	Ave		1.0531				13.9		30.0			
n-Butylbenzene	+++++ 1.7756	1.5735 1.5636	1.6490 1.4867	1.6893	1.6520	Ave		1.6271				5.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
1,2-Dichlorobenzene	+++++ 1.1759	1.1147 1.0478	1.0806 1.0068	1.1111	1.0940	Ave		1.0901				4.9		30.0			
n-Undecane	+++++ 0.8074	+++++ 0.6723	+++++ 0.6482	0.7613	0.7665	Ave		0.7311				9.3		30.0			
n-Dodecane	+++++ 0.7106	+++++ 0.6365	+++++ 0.6805	0.6049	0.6881	Ave		0.6641				6.4		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7329	+++++ 0.6851	0.3173 0.7298	0.5436	0.6238	Ave		0.6054				26.1		30.0			
Hexachlorobutadiene	+++++ 1.3916	1.5770 1.3479	1.2861 1.3287	1.2800	1.2459	Ave		1.3511				8.2		30.0			
Naphthalene	+++++ 1.4833	+++++ 1.2531	0.9053 1.3135	1.2220	1.3581	Ave		1.2559				15.5		30.0			
1,2,3-Trichlorobenzene	+++++ 0.7745	+++++ 0.6930	0.5358 0.7249	0.6465	0.7008	Ave		0.6792				12.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-170926/2	47388-002.d
Level 2	IC 200-170926/3	47388-003.d
Level 3	IC 200-170926/4	47388-004.d
Level 4	IC 200-170926/5	47388-005.d
Level 5	ICIS 200-170926/6	47388-006.d
Level 6	IC 200-170926/7	47388-007.d
Level 7	IC 200-170926/10	47388-010.d
Level 8	IC 200-170926/11	47388-011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Propylene	BCM	Ave	+++++ 121910	+++++ 147019	+++++ 297898	39548	82414	+++++ 15.5	+++++ 20.6	+++++ 41.3	4.64	10.3
Dichlorodifluoromethane	BCM	Ave	+++++ 562128	+++++ 704054	21257 1372037	181493	382976	+++++ 15.7	+++++ 20.9	0.470 41.8	4.69	10.4
Freon 22	BCM	Ave	+++++ 260096	+++++ 318347	10177 624849	82917	176799	+++++ 15.7	+++++ 21.0	0.472 41.9	4.71	10.5
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 558267	9587 656299	21351 1322318	178594	376356	+++++ 15.6	0.188 20.8	0.469 41.6	4.68	10.4
Chloromethane	BCM	Ave	+++++ 143580	+++++ 168158	5418 343327	45732	94816	+++++ 16.4	+++++ 21.8	0.492 43.7	4.91	10.9
Vinyl chloride	BCM	Ave	615 149278	2517 178595	5791 357669	48143	100398	0.0333 15.6	0.187 20.8	0.468 41.6	4.67	10.4
n-Butane	BCM	Ave	+++++ 177060	+++++ 214229	9980 425226	57275	116684	+++++ 15.5	+++++ 20.7	0.467 41.4	4.66	10.4
1,3-Butadiene	BCM	Ave	424 103191	2420 126383	4233 252704	33515	69079	0.0325 15.2	0.183 20.2	0.456 40.5	4.55	10.1
Bromomethane	BCM	Ave	+++++ 196586	3535 226928	7897 454141	64232	131545	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Chloroethane	BCM	Ave	+++++ 90922	+++++ 105222	3496 209714	29674	61650	+++++ 15.6	+++++ 20.8	0.468 41.6	4.67	10.4
Isopentane	BCM	Ave	+++++ 159602	3587 186472	7185 364025	51346	106194	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 200167	3381 234034	7712 470756	65468	136315	+++++ 15.6	0.188 20.8	0.469 41.7	4.68	10.4
Trichlorofluoromethane	BCM	Ave	+++++ 557726	9817 673171	20853 1332346	175085	371093	+++++ 15.8	0.190 21.1	0.476 42.2	4.74	10.6
n-Pentane	BCM	Ave	+++++ 220205	+++++ 255281	10152 500114	71977	149792	+++++ 15.2	+++++ 20.3	0.456 40.5	4.55	10.1
Ethanol	BCM	Ave	+++++ 60293	+++++ 99463	14845 258788	26419	45540	+++++ 20.0	+++++ 40.0	4.51 100.0	8.99	15.0

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
Ethyl ether	BCM	Ave	+++++ 102555	1671 119826	3785 222995	31733	69731	+++++ 15.1	0.182 20.2	0.454 40.3	4.53	10.1
Acrolein	BCM	Ave	+++++ 57063	+++++ 64138	+++++ 113707	17886	37887	+++++ 14.6	+++++ 19.4	+++++ 38.9	4.37	9.72
1,1-Dichloroethene	BCM	Ave	612 177742	3331 194936	7140 389460	58374	120579	0.0330 15.4	0.185 20.6	0.463 41.1	4.62	10.3
Freon TF	BCM	Ave	+++++ 376941	7494 416136	14933 832693	121485	256913	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Acetone	BCM	Ave	+++++ 194567	+++++ 216778	+++++ 432159	60595	129804	+++++ 15.4	+++++ 20.5	+++++ 41.0	4.60	10.2
Isopropyl alcohol	BCM	Ave	+++++ 208842	+++++ 217240	+++++ 441315	68134	141592	+++++ 15.3	+++++ 20.4	+++++ 40.9	4.59	10.2
Carbon disulfide	BCM	Ave	+++++ 430105	+++++ 453276	17141 924235	140748	292515	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
Acetonitrile	BCM	Ave	+++++ 71094	+++++ 74125	+++++ 150734	22516	48272	+++++ 14.9	+++++ 19.8	+++++ 39.6	4.45	9.90
3-Chloropropene	BCM	Ave	+++++ 148986	3167 155742	6728 291686	48475	101317	+++++ 16.0	0.192 21.3	0.480 42.6	4.79	10.6
Methylene Chloride	BCM	Ave	+++++ 133602	+++++ 147950	5516 296634	42693	89987	+++++ 15.4	+++++ 20.6	0.463 41.1	4.62	10.3
tert-Butyl alcohol	BCM	Ave	+++++ 295977	+++++ 319709	+++++ 642748	96172	201003	+++++ 16.2	+++++ 21.6	+++++ 43.1	4.84	10.8
Acrylonitrile	BCM	Ave	+++++ 80918	+++++ 85452	1856 170807	24441	52909	+++++ 15.2	+++++ 20.2	0.455 40.4	4.54	10.1
trans-1,2-Dichloroethene	BCM	Ave	409 203123	3529 225004	7068 418124	65279	139148	0.0327 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Methyl tert-butyl ether	BCM	Ave	+++++ 465534	8071 521510	15756 999992	146037	309535	+++++ 15.7	0.189 20.9	0.471 41.8	4.70	10.4
n-Hexane	BCM	Ave	+++++ 170389	3261 197776	7476 397311	54178	129840	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
1,1-Dichloroethane	BCM	Ave	664 221797	3783 260198	8503 518380	71881	164368	0.0321 15.0	0.180 20.0	0.450 40.0	4.49	10.00
Vinyl acetate	BCM	Ave	+++++ 259425	+++++ 309365	+++++ 611856	79990	193104	+++++ 15.6	+++++ 20.8	+++++ 41.6	4.67	10.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 66862	1302 82297	2580 147420	22983	44747	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3
cis-1,2-Dichloroethene	BCM	Ave	363 162829	3044 200604	6608 364011	55933	108703	0.0324 15.2	0.182 20.2	0.455 40.4	4.54	10.1
Ethyl acetate	BCM	Ave	+++++ 13542	+++++ 16382	+++++ 31210	4216	8664	+++++ 15.2	+++++ 20.3	+++++ 40.5	4.55	10.1
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	4272	35578	69018	+++++	+++++	0.450	4.49	9.99

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
			102144	134136	258125			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 333939	5977 424340	13553 846398	112910	225774	+++++ 15.2	0.182 20.2	0.455 40.4	4.54	10.1
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 414259	6737 522331	15991 1031904	135148	277933	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Cyclohexane	DFBZ	Ave	+++++ 208885	3708 251831	8611 496138	69044	145587	+++++ 15.2	0.183 20.3	0.457 40.6	4.56	10.1
Carbon tetrachloride	DFBZ	Ave	1363 486932	7840 591677	18454 1176138	153686	326106	0.0326 15.2	0.183 20.3	0.458 40.6	4.57	10.2
Benzene	DFBZ	Ave	+++++ 469394	8531 546488	17970 1084714	150431	317865	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,2-Dichloroethane	DFBZ	Ave	+++++ 230293	3614 282871	8517 564275	73808	155178	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 622923	10960 725845	25174 1415706	200849	422889	+++++ 15.7	0.189 20.9	0.472 41.9	4.70	10.5
n-Heptane	DFBZ	Ave	+++++ 203217	3771 236812	8781 461467	65497	138269	+++++ 15.8	0.190 21.0	0.473 42.0	4.72	10.5
n-Butanol	DFBZ	Ave	+++++ 89456	+++++ 104516	+++++ 209237	28374	61887	+++++ 14.3	+++++ 19.1	+++++ 38.2	4.29	9.55
Trichloroethene	DFBZ	Ave	568 239987	4030 281918	9038 564386	75969	163380	0.0338 15.8	0.190 21.1	0.474 42.1	4.73	10.5
1,2-Dichloropropane	DFBZ	Ave	+++++ 147884	2413 171387	5599 334641	48897	101284	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Methyl methacrylate	DFBZ	Ave	+++++ 159003	2383 184786	5583 362473	48185	104266	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
1,4-Dioxane	DFBZ	Ave	+++++ 100286	+++++ 114909	+++++ 220934	32199	68907	+++++ 15.9	+++++ 21.2	+++++ 42.3	4.75	10.6
Dibromomethane	DFBZ	Ave	+++++ 312648	5357 365172	11919 742108	98355	208045	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Bromodichloromethane	DFBZ	Ave	+++++ 393853	6415 474011	14094 946421	114836	261760	+++++ 15.9	0.191 21.1	0.476 42.3	4.75	10.6
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 307618	4662 339280	9847 670418	87448	203838	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
methyl isobutyl ketone	DFBZ	Ave	+++++ 271980	+++++ 296505	9391 595178	86153	181728	+++++ 15.4	+++++ 20.5	0.461 41.0	4.60	10.2
Toluene	CBNZd5	Ave	+++++ 382439	6352 408486	13329 834740	120254	256653	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
n-Octane	DFBZ	Ave	+++++ 282274	4779 311932	10876 623839	90511	193009	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	3704	9426	83019	185805	+++++	0.178	0.445	4.44	9.88

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
			278667	312499	657897			14.8	19.8	39.5		
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 169590	2382 182441	6254 389296	52428	113655	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
Tetrachloroethene	CBNZd 5	Ave	1420 449434	8586 513709	16706 1057920	138765	298952	0.0337 15.8	0.189 21.0	0.473 42.0	4.72	10.5
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	+++++ 255332	+++++ 301760	7243 607131	75398	168422	+++++ 15.0	+++++ 20.0	0.450 40.0	4.49	9.99
Dibromochloromethane	CBNZd 5	Ave	+++++ 473262	6562 575131	17078 1134495	146347	292401	+++++ 14.5	0.175 19.4	0.436 38.7	4.35	9.68
1,2-Dibromoethane	CBNZd 5	Ave	+++++ 346782	4464 409933	12255 819860	103834	211361	+++++ 15.9	0.191 21.2	0.478 42.4	4.77	10.6
Chlorobenzene	CBNZd 5	Ave	+++++ 519068	8420 663897	20466 1328913	173962	380870	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Ethylbenzene	CBNZd 5	Ave	+++++ 780530	13328 1016582	31518 2016104	271501	584073	+++++ 15.3	0.184 20.4	0.460 40.9	4.59	10.2
m,p-Xylene	CBNZd 5	Ave	+++++ 659111	11377 848206	26241 1676305	228155	486016	+++++ 30.8	0.371 41.1	0.926 82.2	9.24	20.6
n-Nonane	CBNZd 5	Ave	+++++ 276211	4932 364798	12525 707659	100494	212887	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
Xylene, o-	CBNZd 5	Ave	+++++ 328302	5404 418737	12711 818285	112237	236774	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
Styrene	CBNZd 5	Ave	+++++ 514620	7484 659001	18568 1297885	171214	370875	+++++ 15.5	0.186 20.6	0.465 41.3	4.64	10.3
Bromoform	CBNZd 5	Ave	+++++ 455062	6181 623868	17337 1242909	146346	267023	+++++ 15.4	0.186 20.6	0.463 41.2	4.62	10.3
Cumene	CBNZd 5	Ave	+++++ 1056986	15828 1253152	38253 2242055	333732	718038	+++++ 15.6	0.188 20.9	0.470 41.7	4.69	10.4
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 428126	6722 501813	15288 924184	133393	284979	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
1,2,3-Trichloropropane	CBNZd 5	Ave	+++++ 348484	+++++ 415018	12185 760152	105527	235012	+++++ 15.9	+++++ 21.2	0.477 42.4	4.76	10.6
n-Propylbenzene	CBNZd 5	Ave	+++++ 1141848	16876 1360963	39442 2444703	354708	772397	+++++ 15.6	0.188 20.8	0.468 41.6	4.67	10.4
2-Chlorotoluene	CBNZd 5	Ave	+++++ 732918	10550 870523	25904 1600997	225531	489696	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
4-Ethyltoluene	CBNZd 5	Ave	+++++ 1018359	14616 1215038	33576 2286549	317484	692394	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,3,5-Trimethylbenzene	CBNZd 5	Ave	+++++ 880828	13386 1045307	30218 1996349	279017	593021	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
n-Decane	CBNZd 5	Ave	+++++ 389162	+++++ 458025	13863 733933	124611	264411	+++++ 15.6	+++++ 20.8	0.469 41.7	4.68	10.4
Alpha Methyl Styrene	CBNZd 5	Ave	+++++ 469681	5977 559139	14359 1014059	142611	313591	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
tert-Butylbenzene	CBNZd 5	Ave	+++++ 894490	14714 1084394	33297 1964368	284654	605601	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
1,2,4-Trimethylbenzene	CBNZd 5	Ave	+++++ 873026	13223 1042790	30250 1921523	273612	590949	+++++ 15.6	0.188 20.8	0.468 41.6	4.67	10.4
sec-Butylbenzene	CBNZd 5	Ave	+++++ 1240313	20181 1485131	45221 2677163	395113	839741	+++++ 15.7	0.189 20.9	0.471 41.8	4.70	10.5
1,3-Dichlorobenzene	CBNZd 5	Ave	+++++ 607926	6790 738947	16237 1384845	174957	404502	+++++ 15.9	0.191 21.2	0.477 42.3	4.75	10.6
4-Isopropyltoluene	CBNZd 5	Ave	+++++ 1136558	17020 1370526	39812 2485327	354916	768688	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
1,4-Dichlorobenzene	CBNZd 5	Ave	+++++ 569195	5679 695794	13140 1336055	157710	375723	+++++ 15.7	0.189 20.9	0.472 41.9	4.70	10.5
Benzyl chloride	CBNZd 5	Ave	+++++ 626192	6401 759536	13658 1472978	167982	410745	+++++ 15.9	0.191 21.2	0.477 42.3	4.75	10.6

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1 Analy Batch No.: 170926

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2021 12:19 Calibration End Date: 09/02/2021 20:17 Calibration ID: 46578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			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
n-Butylbenzene	CBNZd5	Ave	+++++ 891916	10886 996024	27128 1932547	271284	598845	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 593539	7749 670664	17862 1315029	179289	398492	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
n-Undecane	CBNZd5	Ave	+++++ 408283	+++++ 431178	+++++ 848208	123083	279746	+++++ 15.7	+++++ 20.9	+++++ 41.8	4.70	10.5
n-Dodecane	CBNZd5	Ave	+++++ 321548	+++++ 365250	+++++ 796907	87511	224713	+++++ 14.0	+++++ 18.7	+++++ 37.4	4.21	9.36
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 384810	+++++ 456183	5456 991535	91239	236353	+++++ 16.3	+++++ 21.7	0.489 43.4	4.88	10.9
Hexachlorobutadiene	CBNZd5	Ave	+++++ 690301	10774 847890	20893 1705560	202989	446013	+++++ 15.4	0.185 20.5	0.462 41.0	4.61	10.3
Naphthalene	CBNZd5	Ave	+++++ 697045	+++++ 746791	13932 1597322	183594	460563	+++++ 14.6	+++++ 19.4	0.438 38.9	4.37	9.72
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 341486	+++++ 387491	7737 827043	91137	222991	+++++ 13.7	+++++ 18.2	0.411 36.5	4.10	9.12

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: ICV 200-170926/15 Calibration Date: 09/02/2021 23:48

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47388-015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9846	1.032		10.6	10.1	4.8	30.0
Dichlorodifluoromethane	Ave	4.611	4.723		10.8	10.6	2.4	30.0
Freon 22	Ave	2.120	2.155		10.8	10.6	1.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.643	4.531		10.3	10.6	-2.4	30.0
Chloromethane	Ave	1.102	1.197		10.8	9.94	8.7	30.0
Vinyl chloride	Ave	1.324	1.215		9.17	9.99	-8.2	30.0
n-Butane	Ave	1.575	1.400		9.15	10.3	-11.1	30.0
1,3-Butadiene	Ave	1.000	0.8662		8.40	9.70	-13.4	30.0
Bromomethane	Ave	1.671	1.522		9.47	10.4	-8.9	30.0
Chloroethane	Ave	0.7365	0.6910		9.92	10.6	-6.2	30.0
Isopentane	Ave	1.419	1.220		8.98	10.4	-14.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.665	1.652		9.97	10.0	-0.8	30.0
Trichlorofluoromethane	Ave	4.577	4.581		10.4	10.4	0.0	30.0
n-Pentane	Ave	1.896	1.742		9.38	10.2	-8.1	30.0
Ethanol	Ave	0.3591	0.3669		15.0	14.7	2.2	30.0
Ethyl ether	Ave	0.8556	0.8161		9.76	10.2	-4.6	30.0
Acrolein	Ave	0.4601	0.4779		10.1	9.71	3.9	30.0
1,1-Dichloroethene	Ave	1.554	1.428		9.36	10.2	-8.1	30.0
Freon TF	Ave	3.166	2.950		9.95	10.7	-6.8	30.0
Acetone	Ave	1.515	1.527		10.5	10.4	0.8	30.0
Isopropyl alcohol	Ave	1.615	1.558		9.81	10.2	-3.6	30.0
Carbon disulfide	Ave	3.504	3.151		9.31	10.4	-10.1	30.0
Acetonitrile	Ave	0.5649	0.4973		8.56	9.72	-12.0	30.0
3-Chloropropene	Ave	1.253	1.014		8.68	10.7	-19.1	30.0
Methylene Chloride	Ave	1.090	1.031		9.69	10.2	-5.5	30.0
tert-Butyl alcohol	Ave	2.195	2.124		10.4	10.8	-3.2	30.0
Acrylonitrile	Ave	0.5920	0.5900		10.2	10.2	-0.3	30.0
trans-1,2-Dichloroethene	Ave	1.614	1.529		9.78	10.3	-5.3	30.0
Methyl tert-butyl ether	Ave	3.706	3.395		9.67	10.6	-8.4	30.0
n-Hexane	Ave	1.470	1.219		8.68	10.5	-17.1	30.0
1,1-Dichloroethane	Ave	1.961	1.659		8.69	10.3	-15.4	30.0
Vinyl acetate	Ave	2.084	1.982		9.58	10.1	-4.9	30.0
Methyl Ethyl Ketone	Ave	0.5767	0.5571		10.0	10.4	-3.4	30.0
cis-1,2-Dichloroethene	Ave	1.401	1.343		9.94	10.4	-4.1	30.0
Ethyl acetate	Ave	0.1081	0.1112		10.5	10.2	2.8	30.0
Tetrahydrofuran	Ave	0.1900	0.2052		10.6	9.81	8.0	30.0
Chloroform	Ave	2.990	2.873		9.91	10.3	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.7409	0.7677		10.7	10.3	3.6	30.0
Cyclohexane	Ave	0.3824	0.3651		9.75	10.2	-4.5	30.0
Carbon tetrachloride	Ave	0.8611	0.8914		10.4	10.0	3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: ICV 200-170926/15 Calibration Date: 09/02/2021 23:48

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47388-015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8241	0.7874		9.93	10.4	-4.5	30.0
1,2-Dichloroethane	Ave	0.3970	0.4123		10.9	10.5	3.8	30.0
2,2,4-Trimethylpentane	Ave	1.082	1.080		10.1	10.1	-0.2	30.0
n-Heptane	Ave	0.3589	0.3460		9.94	10.3	-3.6	30.0
n-Butanol	Ave	0.1590	0.1655		9.48	9.11	4.1	30.0
Trichloroethene	Ave	0.4014	0.4011		10.3	10.3	-0.0	30.0
1,2-Dichloropropane	Ave	0.2557	0.2456		9.94	10.3	-4.0	30.0
Methyl methacrylate	Ave	0.2674	0.2623		10.0	10.2	-1.9	30.0
1,4-Dioxane	Ave	0.1587	0.1754		11.4	10.3	10.6	30.0
Dibromomethane	Ave	0.5440	0.5389		10.2	10.3	-0.9	30.0
Bromodichloromethane	Ave	0.6527	0.6841		10.8	10.3	4.8	30.0
cis-1,3-Dichloropropene	Ave	0.4896	0.5361		10.9	9.94	9.5	30.0
methyl isobutyl ketone	Ave	0.4433	0.4667		10.7	10.2	5.3	30.0
Toluene	Ave	0.7640	0.7646		10.2	10.2	0.0	30.0
n-Octane	Ave	0.4847	0.4895		10.4	10.3	1.0	30.0
trans-1,3-Dichloropropene	Ave	0.4706	0.5000		10.5	9.85	6.3	30.0
1,1,2-Trichloroethane	Ave	0.3240	0.3260		10.6	10.5	0.6	30.0
Tetrachloroethene	Ave	0.9361	0.9058		10.1	10.5	-3.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4894	0.5122		10.6	10.1	4.7	30.0
Dibromochloromethane	Ave	0.9848	0.8897		9.57	10.6	-9.7	30.0
1,2-Dibromoethane	Ave	0.6413	0.6606		11.0	10.7	3.0	30.0
Chlorobenzene	Ave	1.089	1.045		10.1	10.5	-4.0	30.0
Ethylbenzene	Ave	1.720	1.674		9.95	10.2	-2.7	30.0
m,p-Xylene	Ave	0.7172	0.6574		18.3	20.0	-8.3	30.0
n-Nonane	Ave	0.6167	0.5407		9.18	10.5	-12.3	30.0
Xylene, o-	Ave	0.6943	0.6766		10.1	10.4	-2.6	30.0
Styrene	Ave	1.058	1.068		10.4	10.3	0.9	30.0
Bromoform	Ave	0.9285	0.8136		9.02	10.3	-12.4	30.0
Cumene	Ave	2.059	2.119		10.8	10.5	2.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8424	0.8348		10.3	10.3	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.6502	0.6798		11.1	10.6	4.6	30.0
n-Propylbenzene	Ave	2.207	2.309		10.8	10.4	4.6	30.0
2-Chlorotoluene	Ave	1.409	1.445		10.7	10.4	2.6	30.0
4-Ethyltoluene	Ave	1.973	2.076		10.8	10.2	5.2	30.0
1,3,5-Trimethylbenzene	Ave	1.725	1.772		10.8	10.5	2.7	30.0
n-Decane	Ave	0.7323	0.7780		11.0	10.3	6.2	30.0
Alpha Methyl Styrene	Ave	0.8852	0.9754		11.2	10.2	10.2	30.0
tert-Butylbenzene	Ave	1.804	1.840		10.6	10.4	2.0	30.0
1,2,4-Trimethylbenzene	Ave	1.704	1.763		10.8	10.4	3.5	30.0
sec-Butylbenzene	Ave	2.455	2.514		10.7	10.5	2.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: ICV 200-170926/15 Calibration Date: 09/02/2021 23:48

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47388-015.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.068	1.261		12.0	10.2	18.1	30.0
4-Isopropyltoluene	Ave	2.237	2.290		10.7	10.5	2.4	30.0
1,4-Dichlorobenzene	Ave	0.9770	1.152		12.3	10.4	17.9	30.0
Benzyl chloride	Ave	1.053	1.282		12.4	10.2	21.8	30.0
n-Butylbenzene	Ave	1.627	1.780		11.5	10.5	9.4	30.0
1,2-Dichlorobenzene	Ave	1.090	1.182		11.7	10.8	8.4	30.0
n-Undecane	Ave	0.7311	0.7956		11.7	10.7	8.8	30.0
n-Dodecane	Ave	0.6641	0.6326		10.1	10.6	-4.8	30.0
1,2,4-Trichlorobenzene	Ave	0.6054	0.7404		13.4	11.0	22.3	30.0
Hexachlorobutadiene	Ave	1.351	1.402		11.3	10.8	3.7	30.0
Naphthalene	Ave	1.256	1.475		12.3	10.5	17.4	30.0
1,2,3-Trichlorobenzene	Ave	0.6792	0.6928		11.1	10.9	2.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: CCVIS 200-171166/5 Calibration Date: 09/10/2021 10:58

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47478-005.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9846	0.9414		9.87	10.3	-4.4	30.0
Dichlorodifluoromethane	Ave	4.611	7.147		16.2	10.4	55.0*	30.0
Freon 22	Ave	2.120	2.633		13.0	10.5	24.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.643	5.717		12.8	10.4	23.1	30.0
Chloromethane	Ave	1.102	1.054		10.4	10.9	-4.3	30.0
Vinyl chloride	Ave	1.324	1.289		10.1	10.4	-2.6	30.0
n-Butane	Ave	1.575	1.480		9.73	10.4	-6.0	30.0
1,3-Butadiene	Ave	1.000	0.9565		9.68	10.1	-4.4	30.0
Bromomethane	Ave	1.671	1.520		9.38	10.3	-9.0	30.0
Chloroethane	Ave	0.7365	0.6262		8.83	10.4	-15.0	30.0
Isopentane	Ave	1.419	1.036		7.62	10.4	-27.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.665	1.684		10.5	10.4	1.1	30.0
Trichlorofluoromethane	Ave	4.577	6.590		15.2	10.6	44.0*	30.0
n-Pentane	Ave	1.896	1.493		7.98	10.1	-21.2	30.0
Ethanol	Ave	0.3591	0.3113		13.0	15.0	-13.3	30.0
Ethyl ether	Ave	0.8556	0.7856		9.25	10.1	-8.2	30.0
Acrolein	Ave	0.4601	0.3850		8.13	9.72	-16.3	30.0
1,1-Dichloroethene	Ave	1.554	1.471		9.73	10.3	-5.4	30.0
Freon TF	Ave	3.166	3.435		11.4	10.5	8.5	30.0
Acetone	Ave	1.515	1.735		11.7	10.2	14.5	30.0
Isopropyl alcohol	Ave	1.615	1.546		9.78	10.2	-4.3	30.0
Carbon disulfide	Ave	3.504	3.377		9.79	10.2	-3.6	30.0
Acetonitrile	Ave	0.5649	0.4893		8.57	9.90	-13.4	30.0
3-Chloropropene	Ave	1.253	1.099		9.34	10.6	-12.3	30.0
Methylene Chloride	Ave	1.090	1.252		11.8	10.3	14.8	30.0
tert-Butyl alcohol	Ave	2.195	2.364		11.6	10.8	7.7	30.0
Acrylonitrile	Ave	0.5920	0.5815		9.93	10.1	-1.8	30.0
trans-1,2-Dichloroethene	Ave	1.614	1.745		11.0	10.2	8.1	30.0
Methyl tert-butyl ether	Ave	3.706	4.119		11.6	10.4	11.1	30.0
n-Hexane	Ave	1.470	1.354		9.75	10.6	-7.9	30.0
1,1-Dichloroethane	Ave	1.961	2.012		10.3	10.0	2.6	30.0
Vinyl acetate	Ave	2.084	2.224		11.1	10.4	6.7	30.0
Methyl Ethyl Ketone	Ave	0.5767	0.5361		9.61	10.3	-7.0	30.0
cis-1,2-Dichloroethene	Ave	1.401	1.391		10.0	10.1	-0.7	30.0
Ethyl acetate	Ave	0.1081	0.0967		9.05	10.1	-10.6	30.0
Tetrahydrofuran	Ave	0.1900	0.1765		9.28	9.99	-7.1	30.0
Chloroform	Ave	2.990	3.262		11.0	10.1	9.1	30.0
1,1,1-Trichloroethane	Ave	0.7409	0.9753		13.4	10.2	31.6*	30.0
Cyclohexane	Ave	0.3824	0.3431		9.10	10.1	-10.3	30.0
Carbon tetrachloride	Ave	0.8611	1.233		14.5	10.2	43.2*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: CCVIS 200-171166/5 Calibration Date: 09/10/2021 10:58

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47478-005.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8241	0.7238		9.07	10.3	-12.2	30.0
1,2-Dichloroethane	Ave	0.3970	0.5009		13.1	10.4	26.2	30.0
2,2,4-Trimethylpentane	Ave	1.082	0.9316		9.02	10.5	-13.9	30.0
n-Heptane	Ave	0.3589	0.3099		9.07	10.5	-13.7	30.0
n-Butanol	Ave	0.1590	0.1314		7.89	9.55	-17.4	30.0
Trichloroethene	Ave	0.4014	0.4103		10.8	10.5	2.2	30.0
1,2-Dichloropropane	Ave	0.2557	0.2197		8.86	10.3	-14.1	30.0
Methyl methacrylate	Ave	0.2674	0.2461		9.35	10.2	-8.0	30.0
1,4-Dioxane	Ave	0.1587	0.1450		9.67	10.6	-8.6	30.0
Dibromomethane	Ave	0.5440	0.5803		11.0	10.3	6.7	30.0
Bromodichloromethane	Ave	0.6527	0.7558		12.2	10.6	15.8	30.0
cis-1,3-Dichloropropene	Ave	0.4896	0.4849		10.3	10.4	-1.0	30.0
methyl isobutyl ketone	Ave	0.4433	0.4474		10.3	10.2	0.9	30.0
Toluene	Ave	0.7640	0.7198		9.57	10.2	-5.8	30.0
n-Octane	Ave	0.4847	0.4137		8.81	10.3	-14.7	30.0
trans-1,3-Dichloropropene	Ave	0.4706	0.4976		10.4	9.88	5.7	30.0
1,1,2-Trichloroethane	Ave	0.3240	0.2964		9.59	10.5	-8.5	30.0
Tetrachloroethene	Ave	0.9361	1.003		11.2	10.5	7.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4894	0.4903		10.0	9.99	0.2	30.0
Dibromochloromethane	Ave	0.9848	1.181		11.6	9.68	20.0	30.0
1,2-Dibromoethane	Ave	0.6413	0.6331		10.5	10.6	-1.3	30.0
Chlorobenzene	Ave	1.089	1.073		10.3	10.5	-1.4	30.0
Ethylbenzene	Ave	1.720	1.665		9.89	10.2	-3.2	30.0
m,p-Xylene	Ave	0.7172	0.7345		21.1	20.6	2.4	30.0
n-Nonane	Ave	0.6167	0.5376		9.13	10.5	-12.8	30.0
Xylene, o-	Ave	0.6943	0.7019		10.5	10.4	1.1	30.0
Styrene	Ave	1.058	1.055		10.3	10.3	-0.3	30.0
Bromoform	Ave	0.9285	1.273		14.1	10.3	37.1*	30.0
Cumene	Ave	2.059	2.095		10.6	10.4	1.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8424	0.7571		9.29	10.3	-10.1	30.0
1,2,3-Trichloropropane	Ave	0.6502	0.6468		10.5	10.6	-0.5	30.0
n-Propylbenzene	Ave	2.207	2.226		10.5	10.4	0.9	30.0
2-Chlorotoluene	Ave	1.409	1.424		10.6	10.4	1.1	30.0
4-Ethyltoluene	Ave	1.973	2.045		10.7	10.3	3.6	30.0
1,3,5-Trimethylbenzene	Ave	1.725	1.905		11.5	10.4	10.4	30.0
n-Decane	Ave	0.7323	0.6745		9.60	10.4	-7.9	30.0
Alpha Methyl Styrene	Ave	0.8852	0.9841		11.3	10.2	11.2	30.0
tert-Butylbenzene	Ave	1.804	1.969		11.3	10.4	9.2	30.0
1,2,4-Trimethylbenzene	Ave	1.704	1.873		11.4	10.4	9.9	30.0
sec-Butylbenzene	Ave	2.455	2.494		10.6	10.5	1.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Lab Sample ID: CCVIS 200-171166/5 Calibration Date: 09/10/2021 10:58

Instrument ID: CHW.i Calib Start Date: 09/02/2021 12:19

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 09/02/2021 20:17

Lab File ID: 47478-005.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.068	1.263		12.5	10.6	18.3	30.0
4-Isopropyltoluene	Ave	2.237	2.443		11.3	10.3	9.2	30.0
1,4-Dichlorobenzene	Ave	0.9770	1.174		12.6	10.5	20.2	30.0
Benzyl chloride	Ave	1.053	1.166		11.7	10.6	10.7	30.0
n-Butylbenzene	Ave	1.627	1.792		11.4	10.4	10.1	30.0
1,2-Dichlorobenzene	Ave	1.090	1.247		11.9	10.4	14.4	30.0
n-Undecane	Ave	0.7311	0.6988		10.0	10.5	-4.4	30.0
n-Dodecane	Ave	0.6641	0.5605		7.90	9.36	-15.6	30.0
1,2,4-Trichlorobenzene	Ave	0.6054	0.7231		13.0	10.9	19.4	30.0
Hexachlorobutadiene	Ave	1.351	1.830		13.9	10.3	35.5*	30.0
Naphthalene	Ave	1.256	1.337		10.3	9.72	6.5	30.0
1,2,3-Trichlorobenzene	Ave	0.6792	0.7638		10.3	9.12	12.5	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Instrument ID: CHW.i Start Date: 09/02/2021 11:31

Analysis Batch Number: 170926 End Date: 09/02/2021 23:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-170926/1		09/02/2021 11:31	1	47388-001.d	RTX-624 0.32(mm)
IC 200-170926/2		09/02/2021 12:19	1	47388-002.d	RTX-624 0.32(mm)
IC 200-170926/3		09/02/2021 13:13	1	47388-003.d	RTX-624 0.32(mm)
IC 200-170926/4		09/02/2021 14:05	1	47388-004.d	RTX-624 0.32(mm)
IC 200-170926/5		09/02/2021 14:59	1	47388-005.d	RTX-624 0.32(mm)
ICIS 200-170926/6		09/02/2021 15:51	1	47388-006.d	RTX-624 0.32(mm)
IC 200-170926/7		09/02/2021 16:44	1	47388-007.d	RTX-624 0.32(mm)
IC 200-170926/10		09/02/2021 19:24	1	47388-010.d	RTX-624 0.32(mm)
IC 200-170926/11		09/02/2021 20:17	1	47388-011.d	RTX-624 0.32(mm)
ZZZZZ		09/02/2021 22:02	1		RTX-624 0.32(mm)
ICV 200-170926/15		09/02/2021 23:48	1	47388-015.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59892-1

SDG No.:

Instrument ID: CHW.i Start Date: 09/10/2021 07:35

Analysis Batch Number: 171166 End Date: 09/11/2021 06:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-171166/1		09/10/2021 07:35	1	47478-001.d	RTX-624 0.32(mm)
CCVIS 200-171166/5		09/10/2021 10:58	1	47478-005.d	RTX-624 0.32(mm)
LCS 200-171166/6		09/10/2021 11:52	1	47478-006.d	RTX-624 0.32(mm)
MB 200-171166/7		09/10/2021 12:45	1	47478-007.d	RTX-624 0.32(mm)
ZZZZZ		09/10/2021 13:51	1		RTX-624 0.32(mm)
200-59892-10	3460	09/10/2021 14:57	1	47478-009.d	RTX-624 0.32(mm)
ZZZZZ		09/10/2021 15:50	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 16:44	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 17:38	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 18:31	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 19:25	4000		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 20:18	2000		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 21:12	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 22:05	1		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 22:58	1500		RTX-624 0.32(mm)
ZZZZZ		09/10/2021 23:51	1		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 00:44	1		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 01:37	5000		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 02:33	1		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 03:25	1		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 04:17	10		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 05:10	1		RTX-624 0.32(mm)
ZZZZZ		09/11/2021 06:02	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** B ZELOSKY	**Samples Collected By:** JOHN SULLIVAN
Company Name: AKRF	**Phone:**	
Address:	**Email:**	
City/State/Zip		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name:	**Analysis Turnaround Time**	
Site/Location: NEW CITY	Standard (Specific):	
P O # 40217	Rush (Specifiy):	

COC No: _____ of _____ COCs
TALS Project #:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type: Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
IA-1_20210929	9/29/21	905	9/29/21	1626	-28	-15	5135	4828	X													MS/MSD (3)
IA-X_20210929	↓	906	↓	1622	-29	-7	4045	4301	X													
AA_20210929	↓	909	↓	1709	-28	-14	3746	3400130	X													

200-60355 Chain of Custody

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

Special Instructions/QC Requirements & Comments:
TO-15

Samples Shipped by: JOHN SULLIVAN	**Date / Time:** 9/29/21 1745	**Samples Received by:**	9-29-21 17:45
Samples Relinquished by:	**Date / Time:** 9-30-21 16:30	**Received by:** Carol Cuni	10/1/21 1100 ETA-BUR
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

ELMSFORD 272

ORIGIN ID:NESA (917) 801-9866
CARLYLE WRIGHT

200 CLEARBROOK RD
SUITE 140
ELMSFORD, NY 10523
UNITED STATES US

SHIP DATE: 30SEP21
ACTWGT: 50.00 LB
CAD: 112977992/INET4400
DIMS: 24x24x24 IN

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TEST AMERICA
530 COMMUNITY DRIVE STE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990 REF:
INV:
PO: DEPT:

FedEx Express

J212021070501uu

FRI - 01 OCT 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7748 4478 9749**

DSR

NL BTVA

05403
VT-US **BTV**

56DJ3/169A/FE4A

FedEx Ship Manager - Print Your Label(s)

9/30/21, 9:48 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-60355-1

Login Number: 60355
List Number: 1
Creator: Beane, John P

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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	

ANALYTICAL REPORT

Job Number: 460-261101-1

Job Description: New City; #40217

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Bryan Zieroff

Approved for release.
Warleny M Infante
Project Management Assistant I
7/6/2022 7:23 AM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@et.eurofinsus.com
07/06/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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.This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-261101-1

Job Description: New City; #40217

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.

Approved for release.
Warleny M Infante
Project Management Assistant I
7/6/2022 7:23 AM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: New City; #40217

Report Number: 460-261101-1

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 6/28/2022 7:00 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 2.9º 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) - (LOW LEVEL - LL)(TOTAL)
Samples MW-2R_20220623 (460-261101-1), MW-4_20220623 (460-261101-2), MW-6_20220623 (460-261101-3), MW-7_20220624 (460-261101-4), MW-8_20220624 (460-261101-5), MW-11_20220624 (460-261101-6), MW-12_20220624 (460-261101-7), MW-13_20220624 (460-261101-8), MW-14_20220623 (460-261101-9), MW-18_20220623 (460-261101-10), MW-19_20220623 (460-261101-11), MW-24_20220624 (460-261101-12), MW-25_20220623 (460-261101-13), MW-26_20220623 (460-261101-14), MW-28_20220624 (460-261101-15), MW-X_20220623 (460-261101-16), FB_20220623 (460-261101-17) and TB_20220624 (460-261101-18) were analyzed for Volatile Organic Compounds (GC/MS) - (Low Level - LL)(Total) in accordance with EPA SW-846 Method 8260D - Low Level (LL). The samples were analyzed on 07/01/2022 and 07/02/2022.

The continuing calibration verification (CCV) analyzed in batch 460-853294 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Chloromethane. 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.

Cis-1,2-Dichloroethene and Tetrachloroethene failed the recovery criteria low for the MS of sample MW-19_20220623MS (460-261101-11) in batch 460-853230. Methyl Ethyl Ketone failed the recovery criteria high.

Cis-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene failed the recovery criteria low for the MSD of sample MW-19_20220623MSD (460-261101-11) in batch 460-853230. Methyl Ethyl Ketone failed the recovery criteria high.

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: 460-261101-1
Project/Site: New City; #40217

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-261101-1	MW-2R_20220623	Water	06/23/22 16:00	06/28/22 19:00
460-261101-2	MW-4_20220623	Water	06/23/22 12:50	06/28/22 19:00
460-261101-3	MW-6_20220623	Water	06/23/22 15:50	06/28/22 19:00
460-261101-4	MW-7_20220624	Water	06/24/22 08:55	06/28/22 19:00
460-261101-5	MW-8_20220624	Water	06/24/22 09:00	06/28/22 19:00
460-261101-6	MW-11_20220624	Water	06/24/22 10:10	06/28/22 19:00
460-261101-7	MW-12_20220624	Water	06/24/22 10:30	06/28/22 19:00
460-261101-8	MW-13_20220624	Water	06/24/22 13:50	06/28/22 19:00
460-261101-9	MW-14_20220623	Water	06/23/22 12:15	06/28/22 19:00
460-261101-10	MW-18_20220623	Water	06/23/22 10:05	06/28/22 19:00
460-261101-11	MW-19_20220623	Water	06/23/22 14:50	06/28/22 19:00
460-261101-12	MW-24_20220624	Water	06/24/22 11:00	06/28/22 19:00
460-261101-13	MW-25_20220623	Water	06/23/22 14:40	06/28/22 19:00
460-261101-14	MW-26_20220623	Water	06/23/22 00:00	06/28/22 19:00
460-261101-15	MW-28_20220624	Water	06/24/22 14:25	06/28/22 19:00
460-261101-16	MW-X_20220623	Water	06/23/22 00:00	06/28/22 19:00
460-261101-17	FB_20220623	Water	06/23/22 11:35	06/28/22 19:00
460-261101-18	TB_20220624	Water	06/24/22 00:00	06/28/22 19:00

Detection Summary

Client: AKRF Inc
Project/Site: New City; #40217

Job ID: 460-261101-1

Client Sample ID: MW-2R_20220623 — Lab Sample ID: 460-261101-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	48		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	2.6		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-4_20220623 — Lab Sample ID: 460-261101-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.2		0.50	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.86		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	49		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	4.4		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20220623 — Lab Sample ID: 460-261101-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.1		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	42		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.3		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20220624 — Lab Sample ID: 460-261101-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.5		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	48		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	5.0		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20220624 — Lab Sample ID: 460-261101-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	40		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.3		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-11_20220624 — Lab Sample ID: 460-261101-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	86		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	7.2		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-12_20220624 — Lab Sample ID: 460-261101-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		0.50	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	5.8		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	87		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	7.8		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-13_20220624 — Lab Sample ID: 460-261101-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.58		0.50	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	8.2		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	68		0.50	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-13_20220624 (Continued) — Lab Sample ID: 460-261101-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.4		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-14_20220623 — Lab Sample ID: 460-261101-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.8		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.1		0.50	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.63		0.50	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	1.6		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-18_20220623 — Lab Sample ID: 460-261101-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	51		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.2		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-19_20220623 — Lab Sample ID: 460-261101-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	76		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	68		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	26		0.50	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	3.1		0.50	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: MW-24_20220624 — Lab Sample ID: 460-261101-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		0.50	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	4.4		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	55		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	4.7		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-25_20220623 — Lab Sample ID: 460-261101-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	32		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	5.7		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-26_20220623 — Lab Sample ID: 460-261101-14

No Detections.

Client Sample ID: MW-28_20220624 — Lab Sample ID: 460-261101-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		0.50	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	50		0.50	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.1		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-X_20220623 — Lab Sample ID: 460-261101-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		0.50	0.22	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-X_20220623 (Continued)
Lab Sample ID: 460-261101-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	10		0.50	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.55		0.50	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	1.9		0.50	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB_20220623
Lab Sample ID: 460-261101-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.68		0.50	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: TB_20220624
Lab Sample ID: 460-261101-18

No Detections.

Method Summary

Client: AKRF Inc
Job ID: 460-261101-1
Project/Site: New City; #40217

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: MW-2R_20220623
Lab Sample ID: 460-261101-1

Date Collected: 06/23/22 16:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 00:25	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 00:25	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 00:25	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 00:25	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 00:25	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 00:25	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 00:25	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 00:25	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 00:25	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 00:25	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 00:25	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 00:25	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 00:25	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 00:25	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 00:25	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 00:25	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 00:25	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 00:25	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 00:25	1
cis-1,2-Dichloroethene	**1.9**		0.50	0.22	ug/L			07/02/22 00:25	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:25	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 00:25	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 00:25	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 00:25	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 00:25	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 00:25	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 00:25	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 00:25	1
Tetrachloroethene	**48**		0.50	0.25	ug/L			07/02/22 00:25	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 00:25	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 00:25	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:25	1
Trichloroethene	**2.6**		0.50	0.31	ug/L			07/02/22 00:25	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 00:25	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*07/02/22 00:25*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*07/02/22 00:25*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*07/02/22 00:25*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/02/22 00:25*	*1*

Client Sample ID: MW-4_20220623
Lab Sample ID: 460-261101-2

Date Collected: 06/23/22 12:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 00:46	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 00:46	1

Client Sample ID: MW-4_20220623
Lab Sample ID: 460-261101-2

Date Collected: 06/23/22 12:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 00:46	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 00:46	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 00:46	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 00:46	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 00:46	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 00:46	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 00:46	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 00:46	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 00:46	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 00:46	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 00:46	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 00:46	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 00:46	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 00:46	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 00:46	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 00:46	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 00:46	1
cis-1,2-Dichloroethene	**6.2**		0.50	0.22	ug/L			07/02/22 00:46	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:46	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 00:46	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 00:46	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 00:46	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 00:46	1
Methyl tert-butyl ether	**0.86**		0.50	0.22	ug/L			07/02/22 00:46	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 00:46	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 00:46	1
Tetrachloroethene	**49**		0.50	0.25	ug/L			07/02/22 00:46	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 00:46	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 00:46	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:46	1
Trichloroethene	**4.4**		0.50	0.31	ug/L			07/02/22 00:46	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 00:46	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*07/02/22 00:46*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*07/02/22 00:46*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 124*		*07/02/22 00:46*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/02/22 00:46*	*1*

Client Sample ID: MW-6_20220623
Lab Sample ID: 460-261101-3

Date Collected: 06/23/22 15:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 01:08	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 01:08	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 01:08	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 01:08	1

Client Sample ID: MW-6_20220623
Lab Sample ID: 460-261101-3

Date Collected: 06/23/22 15:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 01:08	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 01:08	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 01:08	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 01:08	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 01:08	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 01:08	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 01:08	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 01:08	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 01:08	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 01:08	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 01:08	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 01:08	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 01:08	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 01:08	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 01:08	1
cis-1,2-Dichloroethene	**4.1**		0.50	0.22	ug/L			07/02/22 01:08	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:08	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 01:08	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 01:08	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 01:08	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 01:08	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 01:08	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 01:08	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 01:08	1
Tetrachloroethene	**42**		0.50	0.25	ug/L			07/02/22 01:08	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 01:08	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 01:08	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:08	1
Trichloroethene	**3.3**		0.50	0.31	ug/L			07/02/22 01:08	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 01:08	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*07/02/22 01:08*	*1*
4-Bromofluorobenzene	*114*		*76 - 120*		*07/02/22 01:08*	*1*
Dibromofluoromethane (Surr)	*111*		*77 - 124*		*07/02/22 01:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/02/22 01:08*	*1*

Client Sample ID: MW-7_20220624
Lab Sample ID: 460-261101-4

Date Collected: 06/24/22 08:55
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 01:29	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 01:29	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 01:29	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 01:29	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 01:29	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 01:29	1

Client Sample ID: MW-7_20220624
Lab Sample ID: 460-261101-4

Date Collected: 06/24/22 08:55
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 01:29	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 01:29	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 01:29	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 01:29	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 01:29	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 01:29	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 01:29	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 01:29	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 01:29	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 01:29	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 01:29	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 01:29	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 01:29	1
cis-1,2-Dichloroethene	**7.5**		0.50	0.22	ug/L			07/02/22 01:29	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:29	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 01:29	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 01:29	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 01:29	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 01:29	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 01:29	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 01:29	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 01:29	1
Tetrachloroethene	**48**		0.50	0.25	ug/L			07/02/22 01:29	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 01:29	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 01:29	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:29	1
Trichloroethene	**5.0**		0.50	0.31	ug/L			07/02/22 01:29	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 01:29	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*		*07/02/22 01:29*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*07/02/22 01:29*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 124*		*07/02/22 01:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/02/22 01:29*	*1*

Client Sample ID: MW-8_20220624
Lab Sample ID: 460-261101-5

Date Collected: 06/24/22 09:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 01:50	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 01:50	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 01:50	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 01:50	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 01:50	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 01:50	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 01:50	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 01:50	1

Client Sample ID: MW-8_20220624
Lab Sample ID: 460-261101-5

Date Collected: 06/24/22 09:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 01:50	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 01:50	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 01:50	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 01:50	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 01:50	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 01:50	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 01:50	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 01:50	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 01:50	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 01:50	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 01:50	1
cis-1,2-Dichloroethene	**4.5**		0.50	0.22	ug/L			07/02/22 01:50	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:50	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 01:50	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 01:50	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 01:50	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 01:50	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 01:50	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 01:50	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 01:50	1
Tetrachloroethene	**40**		0.50	0.25	ug/L			07/02/22 01:50	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 01:50	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 01:50	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 01:50	1
Trichloroethene	**3.3**		0.50	0.31	ug/L			07/02/22 01:50	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 01:50	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*07/02/22 01:50*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*07/02/22 01:50*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 124*		*07/02/22 01:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/02/22 01:50*	*1*

Client Sample ID: MW-11_20220624
Lab Sample ID: 460-261101-6

Date Collected: 06/24/22 10:10
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 02:12	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 02:12	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 02:12	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 02:12	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 02:12	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 02:12	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 02:12	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 02:12	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 02:12	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 02:12	1

Client Sample ID: MW-11_20220624
Lab Sample ID: 460-261101-6

Date Collected: 06/24/22 10:10
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 02:12	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 02:12	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 02:12	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 02:12	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 02:12	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 02:12	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 02:12	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 02:12	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 02:12	1
cis-1,2-Dichloroethene	**11**		0.50	0.22	ug/L			07/02/22 02:12	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 02:12	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 02:12	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 02:12	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 02:12	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 02:12	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 02:12	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 02:12	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 02:12	1
Tetrachloroethene	**86**		0.50	0.25	ug/L			07/02/22 02:12	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 02:12	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 02:12	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 02:12	1
Trichloroethene	**7.2**		0.50	0.31	ug/L			07/02/22 02:12	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 02:12	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*07/02/22 02:12*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*07/02/22 02:12*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*07/02/22 02:12*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/02/22 02:12*	*1*

Client Sample ID: MW-12_20220624
Lab Sample ID: 460-261101-7

Date Collected: 06/24/22 10:30
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 09:32	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 09:32	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 09:32	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 09:32	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 09:32	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 09:32	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 09:32	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 09:32	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 09:32	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 09:32	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 09:32	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 09:32	1

Client Sample ID: MW-12_20220624
Lab Sample ID: 460-261101-7

Date Collected: 06/24/22 10:30
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 09:32	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 09:32	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 09:32	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 09:32	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 09:32	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 09:32	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 09:32	1
cis-1,2-Dichloroethene	**12**		0.50	0.22	ug/L			07/02/22 09:32	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:32	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 09:32	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 09:32	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 09:32	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 09:32	1
Methyl tert-butyl ether	**5.8**		0.50	0.22	ug/L			07/02/22 09:32	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 09:32	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 09:32	1
Tetrachloroethene	**87**		0.50	0.25	ug/L			07/02/22 09:32	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 09:32	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 09:32	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:32	1
Trichloroethene	**7.8**		0.50	0.31	ug/L			07/02/22 09:32	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 09:32	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*07/02/22 09:32*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*07/02/22 09:32*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 124*		*07/02/22 09:32*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*07/02/22 09:32*	*1*

Client Sample ID: MW-13_20220624
Lab Sample ID: 460-261101-8

Date Collected: 06/24/22 13:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 02:55	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 02:55	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 02:55	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 02:55	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 02:55	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 02:55	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 02:55	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 02:55	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 02:55	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 02:55	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 02:55	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 02:55	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 02:55	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 02:55	1

Client Sample ID: MW-13_20220624
Lab Sample ID: 460-261101-8

Date Collected: 06/24/22 13:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 02:55	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 02:55	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 02:55	1
Chloroform	**0.58**		0.50	0.33	ug/L			07/02/22 02:55	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 02:55	1
cis-1,2-Dichloroethene	**8.2**		0.50	0.22	ug/L			07/02/22 02:55	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 02:55	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 02:55	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 02:55	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 02:55	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 02:55	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 02:55	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 02:55	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 02:55	1
Tetrachloroethene	**68**		0.50	0.25	ug/L			07/02/22 02:55	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 02:55	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 02:55	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 02:55	1
Trichloroethene	**4.4**		0.50	0.31	ug/L			07/02/22 02:55	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 02:55	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*07/02/22 02:55*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*07/02/22 02:55*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 124*		*07/02/22 02:55*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/02/22 02:55*	*1*

Client Sample ID: MW-14_20220623
Lab Sample ID: 460-261101-9

Date Collected: 06/23/22 12:15
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 03:16	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 03:16	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 03:16	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 03:16	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 03:16	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 03:16	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 03:16	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 03:16	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 03:16	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 03:16	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 03:16	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 03:16	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 03:16	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 03:16	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 03:16	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 03:16	1

Client Sample ID: MW-14_20220623
Lab Sample ID: 460-261101-9

Date Collected: 06/23/22 12:15
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 03:16	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 03:16	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 03:16	1
cis-1,2-Dichloroethene	**2.8**		0.50	0.22	ug/L			07/02/22 03:16	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:16	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 03:16	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 03:16	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 03:16	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 03:16	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 03:16	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 03:16	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 03:16	1
Tetrachloroethene	**9.1**		0.50	0.25	ug/L			07/02/22 03:16	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 03:16	1
trans-1,2-Dichloroethene	**0.63**		0.50	0.24	ug/L			07/02/22 03:16	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:16	1
Trichloroethene	**1.6**		0.50	0.31	ug/L			07/02/22 03:16	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 03:16	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*07/02/22 03:16*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*07/02/22 03:16*	*1*
Dibromofluoromethane (Surr)	*111*		*77 - 124*		*07/02/22 03:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/02/22 03:16*	*1*

Client Sample ID: MW-18_20220623
Lab Sample ID: 460-261101-10

Date Collected: 06/23/22 10:05
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 03:38	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 03:38	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 03:38	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 03:38	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 03:38	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 03:38	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 03:38	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 03:38	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 03:38	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 03:38	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 03:38	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 03:38	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 03:38	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 03:38	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 03:38	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 03:38	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 03:38	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 03:38	1

Client Sample ID: MW-18_20220623
Lab Sample ID: 460-261101-10

Date Collected: 06/23/22 10:05
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 03:38	1
cis-1,2-Dichloroethene	**2.5**		0.50	0.22	ug/L			07/02/22 03:38	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:38	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 03:38	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 03:38	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 03:38	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 03:38	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 03:38	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 03:38	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 03:38	1
Tetrachloroethene	**51**		0.50	0.25	ug/L			07/02/22 03:38	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 03:38	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 03:38	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:38	1
Trichloroethene	**3.2**		0.50	0.31	ug/L			07/02/22 03:38	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 03:38	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*07/02/22 03:38*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*07/02/22 03:38*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 124*		*07/02/22 03:38*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/02/22 03:38*	*1*

Client Sample ID: MW-19_20220623
Lab Sample ID: 460-261101-11

Date Collected: 06/23/22 14:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 03:59	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 03:59	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 03:59	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 03:59	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 03:59	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 03:59	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 03:59	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 03:59	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 03:59	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 03:59	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 03:59	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 03:59	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 03:59	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 03:59	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 03:59	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 03:59	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 03:59	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 03:59	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 03:59	1
cis-1,2-Dichloroethene	**76**		0.50	0.22	ug/L			07/02/22 03:59	1

Client Sample ID: MW-19_20220623
Lab Sample ID: 460-261101-11

Date Collected: 06/23/22 14:50
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:59	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 03:59	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 03:59	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 03:59	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 03:59	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 03:59	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 03:59	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 03:59	1
Tetrachloroethene	**68**		0.50	0.25	ug/L			07/02/22 03:59	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 03:59	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 03:59	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 03:59	1
Trichloroethene	**26**		0.50	0.31	ug/L			07/02/22 03:59	1
Vinyl chloride	**3.1**		0.50	0.17	ug/L			07/02/22 03:59	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*07/02/22 03:59*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*07/02/22 03:59*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 124*		*07/02/22 03:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/02/22 03:59*	*1*

Client Sample ID: MW-24_20220624
Lab Sample ID: 460-261101-12

Date Collected: 06/24/22 11:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 04:20	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 04:20	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 04:20	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 04:20	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 04:20	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 04:20	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 04:20	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 04:20	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 04:20	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 04:20	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 04:20	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 04:20	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 04:20	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 04:20	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 04:20	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 04:20	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 04:20	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 04:20	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 04:20	1
cis-1,2-Dichloroethene	**8.1**		0.50	0.22	ug/L			07/02/22 04:20	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 04:20	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 04:20	1

Client Sample ID: MW-24_20220624
Lab Sample ID: 460-261101-12

Date Collected: 06/24/22 11:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 04:20	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 04:20	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 04:20	1
Methyl tert-butyl ether	**4.4**		0.50	0.22	ug/L			07/02/22 04:20	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 04:20	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 04:20	1
Tetrachloroethene	**55**		0.50	0.25	ug/L			07/02/22 04:20	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 04:20	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 04:20	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 04:20	1
Trichloroethene	**4.7**		0.50	0.31	ug/L			07/02/22 04:20	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 04:20	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*07/02/22 04:20*	*1*
4-Bromofluorobenzene	*111*		*76 - 120*		*07/02/22 04:20*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*07/02/22 04:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/02/22 04:20*	*1*

Client Sample ID: MW-25_20220623
Lab Sample ID: 460-261101-13

Date Collected: 06/23/22 14:40
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 09:54	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 09:54	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 09:54	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 09:54	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 09:54	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 09:54	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 09:54	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 09:54	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 09:54	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 09:54	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 09:54	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 09:54	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 09:54	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 09:54	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 09:54	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 09:54	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 09:54	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 09:54	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 09:54	1
cis-1,2-Dichloroethene	**11**		0.50	0.22	ug/L			07/02/22 09:54	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:54	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 09:54	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 09:54	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 09:54	1

Client Sample ID: MW-25_20220623
Lab Sample ID: 460-261101-13

Date Collected: 06/23/22 14:40
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 09:54	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 09:54	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 09:54	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 09:54	1
Tetrachloroethene	**32**		0.50	0.25	ug/L			07/02/22 09:54	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 09:54	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 09:54	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:54	1
Trichloroethene	**5.7**		0.50	0.31	ug/L			07/02/22 09:54	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 09:54	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*07/02/22 09:54*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*07/02/22 09:54*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*07/02/22 09:54*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/02/22 09:54*	*1*

Client Sample ID: MW-26_20220623
Lab Sample ID: 460-261101-14

Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 10:15	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 10:15	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 10:15	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 10:15	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 10:15	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 10:15	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 10:15	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 10:15	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 10:15	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 10:15	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 10:15	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 10:15	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 10:15	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 10:15	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 10:15	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 10:15	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 10:15	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 10:15	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 10:15	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			07/02/22 10:15	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:15	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 10:15	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 10:15	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 10:15	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 10:15	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 10:15	1

Client Sample ID: MW-26_20220623
Lab Sample ID: 460-261101-14

Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 10:15	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 10:15	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			07/02/22 10:15	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 10:15	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 10:15	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:15	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			07/02/22 10:15	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 10:15	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*07/02/22 10:15*	*1*
4-Bromofluorobenzene	*114*		*76 - 120*		*07/02/22 10:15*	*1*
Dibromofluoromethane (Surr)	*115*		*77 - 124*		*07/02/22 10:15*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/02/22 10:15*	*1*

Client Sample ID: MW-28_20220624
Lab Sample ID: 460-261101-15

Date Collected: 06/24/22 14:25
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 10:36	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 10:36	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 10:36	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 10:36	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 10:36	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 10:36	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 10:36	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 10:36	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 10:36	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 10:36	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 10:36	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 10:36	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 10:36	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 10:36	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 10:36	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 10:36	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 10:36	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 10:36	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 10:36	1
cis-1,2-Dichloroethene	**3.0**		0.50	0.22	ug/L			07/02/22 10:36	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:36	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 10:36	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 10:36	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 10:36	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 10:36	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 10:36	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 10:36	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 10:36	1

Client Sample ID: MW-28_20220624
Lab Sample ID: 460-261101-15

Date Collected: 06/24/22 14:25
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**50**		0.50	0.25	ug/L			07/02/22 10:36	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 10:36	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 10:36	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:36	1
Trichloroethene	**3.1**		0.50	0.31	ug/L			07/02/22 10:36	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 10:36	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*07/02/22 10:36*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*07/02/22 10:36*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 124*		*07/02/22 10:36*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/02/22 10:36*	*1*

Client Sample ID: MW-X_20220623
Lab Sample ID: 460-261101-16

Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 10:58	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 10:58	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 10:58	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 10:58	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 10:58	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 10:58	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 10:58	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 10:58	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 10:58	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 10:58	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 10:58	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 10:58	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 10:58	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 10:58	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 10:58	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 10:58	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 10:58	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 10:58	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 10:58	1
cis-1,2-Dichloroethene	**2.9**		0.50	0.22	ug/L			07/02/22 10:58	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:58	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 10:58	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 10:58	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 10:58	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 10:58	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 10:58	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 10:58	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 10:58	1
Tetrachloroethene	**10**		0.50	0.25	ug/L			07/02/22 10:58	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 10:58	1

Client Sample ID: MW-X_20220623
Lab Sample ID: 460-261101-16

Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	**0.55**		0.50	0.24	ug/L			07/02/22 10:58	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 10:58	1
Trichloroethene	**1.9**		0.50	0.31	ug/L			07/02/22 10:58	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 10:58	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*07/02/22 10:58*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*07/02/22 10:58*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*07/02/22 10:58*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/02/22 10:58*	*1*

Client Sample ID: FB_20220623
Lab Sample ID: 460-261101-17

Date Collected: 06/23/22 11:35
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/02/22 00:04	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 00:04	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 00:04	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 00:04	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 00:04	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 00:04	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 00:04	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 00:04	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 00:04	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 00:04	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 00:04	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 00:04	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 00:04	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 00:04	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 00:04	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 00:04	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 00:04	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 00:04	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 00:04	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			07/02/22 00:04	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:04	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 00:04	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 00:04	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 00:04	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 00:04	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 00:04	1
Methylene Chloride	**0.68**		0.50	0.32	ug/L			07/02/22 00:04	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 00:04	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			07/02/22 00:04	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 00:04	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 00:04	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 00:04	1

Client Sample ID: FB_20220623
Lab Sample ID: 460-261101-17

Date Collected: 06/23/22 11:35
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.50	U	0.50	0.31	ug/L			07/02/22 00:04	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 00:04	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*07/02/22 00:04*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*07/02/22 00:04*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 124*		*07/02/22 00:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/02/22 00:04*	*1*

Client Sample ID: TB_20220624
Lab Sample ID: 460-261101-18

Date Collected: 06/24/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.50	U	0.50	0.24	ug/L			07/01/22 23:42	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/01/22 23:42	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/01/22 23:42	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/01/22 23:42	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/01/22 23:42	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/01/22 23:42	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/01/22 23:42	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/01/22 23:42	1
Acetone	5.0	U	5.0	4.4	ug/L			07/01/22 23:42	1
Benzene	0.50	U	0.50	0.20	ug/L			07/01/22 23:42	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/01/22 23:42	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/01/22 23:42	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/01/22 23:42	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/01/22 23:42	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/01/22 23:42	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/01/22 23:42	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/01/22 23:42	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/01/22 23:42	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/01/22 23:42	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			07/01/22 23:42	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/01/22 23:42	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/01/22 23:42	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/01/22 23:42	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/01/22 23:42	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/01/22 23:42	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/01/22 23:42	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/01/22 23:42	1
Styrene	0.50	U	0.50	0.42	ug/L			07/01/22 23:42	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			07/01/22 23:42	1
Toluene	0.50	U	0.50	0.38	ug/L			07/01/22 23:42	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/01/22 23:42	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/01/22 23:42	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			07/01/22 23:42	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/01/22 23:42	1

Client: AKRF Inc
Job ID: 460-261101-1
Project/Site: New City; #40217

Client Sample ID: TB_20220624
Lab Sample ID: 460-261101-18
Date Collected: 06/24/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/01/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*07/01/22 23:42*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*07/01/22 23:42*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 124*		*07/01/22 23:42*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/01/22 23:42*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: New City; #40217

Job ID: 460-261101-1

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)	(77-124)	(80-120)
460-261101-1	MW-2R_20220623	96	104	100	96
460-261101-2	MW-4_20220623	103	106	104	99
460-261101-3	MW-6_20220623	109	114	111	102
460-261101-4	MW-7_20220624	110	112	112	102
460-261101-5	MW-8_20220624	98	107	105	98
460-261101-6	MW-11_20220624	104	106	110	97
460-261101-7	MW-12_20220624	96	101	102	90
460-261101-8	MW-13_20220624	103	106	108	97
460-261101-9	MW-14_20220623	105	108	111	100
460-261101-10	MW-18_20220623	105	112	106	95
460-261101-11	MW-19_20220623	99	107	106	95
460-261101-11 MS	MW-19_20220623	100	113	109	101
460-261101-11 MSD	MW-19_20220623	94	107	99	94
460-261101-12	MW-24_20220624	101	111	109	96
460-261101-13	MW-25_20220623	101	105	107	93
460-261101-14	MW-26_20220623	105	114	115	102
460-261101-15	MW-28_20220624	92	102	102	97
460-261101-16	MW-X_20220623	98	105	109	93
460-261101-17	FB_20220623	101	112	106	99
460-261101-18	TB_20220624	97	104	101	95
LCS 460-853230/3	Lab Control Sample	98	106	101	96
LCS 460-853294/3	Lab Control Sample	94	106	100	95
LCSD 460-853230/4	Lab Control Sample Dup	96	103	100	93
LCSD 460-853294/4	Lab Control Sample Dup	95	101	101	93
MB 460-853230/7	Method Blank	92	101	98	95
MB 460-853294/7	Method Blank	95	102	103	91

Surrogate Legend

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

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

Lab Sample ID: MB 460-853230/7
Matrix: Water
Analysis Batch: 853230

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	0.50	U	0.50	0.24	ug/L			07/01/22 20:50	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/01/22 20:50	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/01/22 20:50	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/01/22 20:50	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/01/22 20:50	1
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/01/22 20:50	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/01/22 20:50	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/01/22 20:50	1
Acetone	5.0	U	5.0	4.4	ug/L			07/01/22 20:50	1
Benzene	0.50	U	0.50	0.20	ug/L			07/01/22 20:50	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/01/22 20:50	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/01/22 20:50	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/01/22 20:50	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/01/22 20:50	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/01/22 20:50	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/01/22 20:50	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/01/22 20:50	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/01/22 20:50	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/01/22 20:50	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			07/01/22 20:50	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/01/22 20:50	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/01/22 20:50	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/01/22 20:50	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/01/22 20:50	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/01/22 20:50	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/01/22 20:50	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/01/22 20:50	1
Styrene	0.50	U	0.50	0.42	ug/L			07/01/22 20:50	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			07/01/22 20:50	1
Toluene	0.50	U	0.50	0.38	ug/L			07/01/22 20:50	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/01/22 20:50	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/01/22 20:50	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			07/01/22 20:50	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/01/22 20:50	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/01/22 20:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*07/01/22 20:50*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*07/01/22 20:50*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 124*		*07/01/22 20:50*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/01/22 20:50*	*1*

Lab Sample ID: LCS 460-853230/3
Matrix: Water
Analysis Batch: 853230

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	19.1		ug/L		95	68 - 128		

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

Lab Sample ID: LCS 460-853230/3
Matrix: Water
Analysis Batch: 853230

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	20.0	18.1		ug/L		91	63 - 139
1,1,2-Trichloroethane	20.0	16.9		ug/L		85	74 - 125
1,1-Dichloroethane	20.0	17.5		ug/L		87	73 - 130
1,1-Dichloroethene	20.0	18.7		ug/L		94	68 - 133
1,2-Dichloroethane	20.0	19.1		ug/L		96	66 - 129
1,2-Dichloropropane	20.0	17.5		ug/L		88	68 - 128
2-Hexanone	100	115		ug/L		115	61 - 134
Acetone	100	100		ug/L		100	61 - 134
Benzene	20.0	17.1		ug/L		85	71 - 126
Bromodichloromethane	20.0	17.8		ug/L		89	76 - 121
Bromoform	20.0	20.8		ug/L		104	48 - 144
Bromomethane	20.0	17.6		ug/L		88	32 - 150
Carbon disulfide	20.0	17.7		ug/L		89	64 - 138
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 131
Chlorobenzene	20.0	18.4		ug/L		92	80 - 120
Chloroethane	20.0	17.9		ug/L		89	42 - 150
Chloroform	20.0	18.6		ug/L		93	78 - 125
Chloromethane	20.0	16.0		ug/L		80	43 - 150
cis-1,2-Dichloroethene	20.0	17.9		ug/L		89	78 - 121
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	74 - 125
Dibromochloromethane	20.0	18.8		ug/L		94	62 - 130
Ethylbenzene	20.0	18.7		ug/L		94	78 - 120
Methyl Ethyl Ketone	100	107		ug/L		107	61 - 128
methyl isobutyl ketone	100	108		ug/L		108	69 - 128
Methyl tert-butyl ether	20.0	18.5		ug/L		93	72 - 131
Methylene Chloride	20.0	18.5		ug/L		92	74 - 127
Styrene	20.0	18.9		ug/L		94	75 - 127
Tetrachloroethene	20.0	19.9		ug/L		99	70 - 127
Toluene	20.0	17.6		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	17.5		ug/L		88	74 - 126
trans-1,3-Dichloropropene	20.0	17.2		ug/L		86	66 - 127
Trichloroethene	20.0	18.2		ug/L		91	71 - 121
Vinyl chloride	20.0	17.6		ug/L		88	55 - 144
Xylenes, Total	40.0	36.9		ug/L		92	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 124*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 460-853230/4
Matrix: Water
Analysis Batch: 853230

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	20.0		ug/L		100	68 - 128	5	30
1,1,2,2-Tetrachloroethane	20.0	17.7		ug/L		88	63 - 139	3	30

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

Lab Sample ID: LCSD 460-853230/4
Matrix: Water
Analysis Batch: 853230

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
1,1,2-Trichloroethane	20.0	17.4		ug/L		87	74 - 125	2	30
1,1-Dichloroethane	20.0	18.2		ug/L		91	73 - 130	4	30
1,1-Dichloroethene	20.0	19.8		ug/L		99	68 - 133	5	30
1,2-Dichloroethane	20.0	19.5		ug/L		98	66 - 129	2	30
1,2-Dichloropropane	20.0	17.4		ug/L		87	68 - 128	1	30
2-Hexanone	100	108		ug/L		108	61 - 134	6	30
Acetone	100	95.8		ug/L		96	61 - 134	5	30
Benzene	20.0	17.9		ug/L		90	71 - 126	5	30
Bromodichloromethane	20.0	19.0		ug/L		95	76 - 121	6	30
Bromoform	20.0	21.1		ug/L		105	48 - 144	1	30
Bromomethane	20.0	17.8		ug/L		89	32 - 150	1	30
Carbon disulfide	20.0	18.2		ug/L		91	64 - 138	3	30
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 131	0	30
Chlorobenzene	20.0	18.0		ug/L		90	80 - 120	2	30
Chloroethane	20.0	17.3		ug/L		87	42 - 150	3	30
Chloroform	20.0	19.2		ug/L		96	78 - 125	3	30
Chloromethane	20.0	17.0		ug/L		85	43 - 150	6	30
cis-1,2-Dichloroethene	20.0	18.0		ug/L		90	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	17.9		ug/L		89	74 - 125	3	30
Dibromochloromethane	20.0	18.7		ug/L		94	62 - 130	0	30
Ethylbenzene	20.0	19.4		ug/L		97	78 - 120	4	30
Methyl Ethyl Ketone	100	101		ug/L		101	61 - 128	6	30
methyl isobutyl ketone	100	101		ug/L		101	69 - 128	7	30
Methyl tert-butyl ether	20.0	18.2		ug/L		91	72 - 131	2	30
Methylene Chloride	20.0	19.0		ug/L		95	74 - 127	3	30
Styrene	20.0	19.5		ug/L		98	75 - 127	3	30
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 127	0	30
Toluene	20.0	17.6		ug/L		88	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	74 - 126	6	30
trans-1,3-Dichloropropene	20.0	17.9		ug/L		90	66 - 127	4	30
Trichloroethene	20.0	19.0		ug/L		95	71 - 121	4	30
Vinyl chloride	20.0	17.7		ug/L		88	55 - 144	1	30
Xylenes, Total	40.0	38.5		ug/L		96	78 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 124*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 460-261101-11 MS
Matrix: Water
Analysis Batch: 853230

Client Sample ID: MW-19_20220623
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.50	U	20.0	21.0		ug/L		105	68 - 128
1,1,2,2-Tetrachloroethane	0.50	U	20.0	17.7		ug/L		89	63 - 139
1,1,2-Trichloroethane	0.50	U	20.0	18.7		ug/L		94	74 - 125

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

Lab Sample ID: 460-261101-11 MS
Client Sample ID: MW-19_20220623
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 853230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.50	U	20.0	18.4		ug/L		92	73 - 130
1,1-Dichloroethene	0.50	U	20.0	20.8		ug/L		104	68 - 133
1,2-Dichloroethane	0.50	U	20.0	19.9		ug/L		100	66 - 129
1,2-Dichloropropane	0.50	U	20.0	17.9		ug/L		89	68 - 128
2-Hexanone	2.5	U	100	129		ug/L		129	61 - 134
Acetone	5.0	U	100	112		ug/L		112	61 - 134
Benzene	0.50	U	20.0	18.0		ug/L		90	71 - 126
Bromodichloromethane	0.50	U	20.0	20.0		ug/L		100	76 - 121
Bromoform	0.50	U	20.0	22.0		ug/L		110	48 - 144
Bromomethane	0.50	U	20.0	14.1		ug/L		71	32 - 150
Carbon disulfide	0.50	U	20.0	18.9		ug/L		95	64 - 138
Carbon tetrachloride	0.50	U	20.0	22.8		ug/L		114	61 - 131
Chlorobenzene	0.50	U	20.0	19.2		ug/L		96	80 - 120
Chloroethane	0.50	U	20.0	19.4		ug/L		97	42 - 150
Chloroform	0.50	U	20.0	19.7		ug/L		98	78 - 125
Chloromethane	0.50	U	20.0	16.7		ug/L		83	43 - 150
cis-1,2-Dichloroethene	76		20.0	83.0	*	ug/L		34	78 - 121
cis-1,3-Dichloropropene	0.50	U	20.0	17.0		ug/L		85	74 - 125
Dibromochloromethane	0.50	U	20.0	19.9		ug/L		99	62 - 130
Ethylbenzene	0.50	U	20.0	19.7		ug/L		98	78 - 120
Methyl Ethyl Ketone	2.5	U	100	131	*	ug/L		131	61 - 128
methyl isobutyl ketone	2.5	U	100	120		ug/L		120	69 - 128
Methyl tert-butyl ether	0.50	U	20.0	19.5		ug/L		96	72 - 131
Methylene Chloride	0.50	U	20.0	19.5		ug/L		97	74 - 127
Styrene	0.50	U	20.0	20.4		ug/L		102	75 - 127
Tetrachloroethene	68		20.0	78.7	*	ug/L		53	70 - 127
Toluene	0.50	U	20.0	18.1		ug/L		91	78 - 120
trans-1,2-Dichloroethene	0.50	U	20.0	19.7		ug/L		96	74 - 126
trans-1,3-Dichloropropene	0.50	U	20.0	17.1		ug/L		85	66 - 127
Trichloroethene	26		20.0	43.3		ug/L		85	71 - 121
Vinyl chloride	3.1		20.0	20.6		ug/L		88	55 - 144
Xylenes, Total	1.0	U	40.0	39.7		ug/L		99	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*113*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-261101-11 MSD
Client Sample ID: MW-19_20220623
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 853230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.50	U	20.0	18.9		ug/L		95	68 - 128	10	30
1,1,2,2-Tetrachloroethane	0.50	U	20.0	17.8		ug/L		89	63 - 139	1	30
1,1,2-Trichloroethane	0.50	U	20.0	18.4		ug/L		92	74 - 125	2	30
1,1-Dichloroethane	0.50	U	20.0	16.7		ug/L		83	73 - 130	10	30

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

Lab Sample ID: 460-261101-11 MSD
Matrix: Water
Analysis Batch: 853230

Client Sample ID: MW-19_20220623
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	0.50	U	20.0	17.8		ug/L		89	68 - 133	15	30
1,2-Dichloroethane	0.50	U	20.0	19.2		ug/L		96	66 - 129	4	30
1,2-Dichloropropane	0.50	U	20.0	17.0		ug/L		85	68 - 128	5	30
2-Hexanone	2.5	U	100	127		ug/L		127	61 - 134	1	30
Acetone	5.0	U	100	107		ug/L		107	61 - 134	5	30
Benzene	0.50	U	20.0	16.4		ug/L		82	71 - 126	9	30
Bromodichloromethane	0.50	U	20.0	18.8		ug/L		94	76 - 121	6	30
Bromoform	0.50	U	20.0	21.5		ug/L		107	48 - 144	3	30
Bromomethane	0.50	U	20.0	13.3		ug/L		66	32 - 150	6	30
Carbon disulfide	0.50	U	20.0	17.3		ug/L		87	64 - 138	9	30
Carbon tetrachloride	0.50	U	20.0	19.8		ug/L		99	61 - 131	14	30
Chlorobenzene	0.50	U	20.0	18.2		ug/L		91	80 - 120	6	30
Chloroethane	0.50	U	20.0	17.6		ug/L		88	42 - 150	10	30
Chloroform	0.50	U	20.0	18.7		ug/L		93	78 - 125	5	30
Chloromethane	0.50	U	20.0	14.9		ug/L		75	43 - 150	11	30
cis-1,2-Dichloroethene	76		20.0	76.8	*	ug/L		3	78 - 121	8	30
cis-1,3-Dichloropropene	0.50	U	20.0	16.9		ug/L		85	74 - 125	0	30
Dibromochloromethane	0.50	U	20.0	19.8		ug/L		99	62 - 130	0	30
Ethylbenzene	0.50	U	20.0	19.1		ug/L		95	78 - 120	3	30
Methyl Ethyl Ketone	2.5	U	100	135	*	ug/L		135	61 - 128	3	30
methyl isobutyl ketone	2.5	U	100	119		ug/L		119	69 - 128	1	30
Methyl tert-butyl ether	0.50	U	20.0	19.2		ug/L		94	72 - 131	2	30
Methylene Chloride	0.50	U	20.0	18.4		ug/L		92	74 - 127	6	30
Styrene	0.50	U	20.0	19.1		ug/L		95	75 - 127	7	30
Tetrachloroethene	68		20.0	71.8	*	ug/L		18	70 - 127	9	30
Toluene	0.50	U	20.0	17.0		ug/L		85	78 - 120	6	30
trans-1,2-Dichloroethene	0.50	U	20.0	18.1		ug/L		88	74 - 126	9	30
trans-1,3-Dichloropropene	0.50	U	20.0	16.8		ug/L		84	66 - 127	2	30
Trichloroethene	26		20.0	38.8	*	ug/L		63	71 - 121	11	30
Vinyl chloride	3.1		20.0	18.0		ug/L		75	55 - 144	14	30
Xylenes, Total	1.0	U	40.0	37.2		ug/L		93	78 - 120	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 460-853294/7
Matrix: Water
Analysis Batch: 853294

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	0.50	U	0.50	0.24	ug/L			07/02/22 09:11	1
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37	ug/L			07/02/22 09:11	1
1,1,2-Trichloroethane	0.50	U	0.50	0.20	ug/L			07/02/22 09:11	1
1,1-Dichloroethane	0.50	U	0.50	0.26	ug/L			07/02/22 09:11	1
1,1-Dichloroethene	0.50	U	0.50	0.26	ug/L			07/02/22 09:11	1

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

Lab Sample ID: MB 460-853294/7
Matrix: Water
Analysis Batch: 853294

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.50	U	0.50	0.43	ug/L			07/02/22 09:11	1
1,2-Dichloropropane	0.50	U	0.50	0.35	ug/L			07/02/22 09:11	1
2-Hexanone	2.5	U	2.5	1.1	ug/L			07/02/22 09:11	1
Acetone	5.0	U	5.0	4.4	ug/L			07/02/22 09:11	1
Benzene	0.50	U	0.50	0.20	ug/L			07/02/22 09:11	1
Bromodichloromethane	0.50	U	0.50	0.34	ug/L			07/02/22 09:11	1
Bromoform	0.50	U	0.50	0.54	ug/L			07/02/22 09:11	1
Bromomethane	0.50	U	0.50	0.55	ug/L			07/02/22 09:11	1
Carbon disulfide	0.50	U	0.50	0.82	ug/L			07/02/22 09:11	1
Carbon tetrachloride	0.50	U	0.50	0.21	ug/L			07/02/22 09:11	1
Chlorobenzene	0.50	U	0.50	0.38	ug/L			07/02/22 09:11	1
Chloroethane	0.50	U	0.50	0.32	ug/L			07/02/22 09:11	1
Chloroform	0.50	U	0.50	0.33	ug/L			07/02/22 09:11	1
Chloromethane	0.50	U	0.50	0.40	ug/L			07/02/22 09:11	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.22	ug/L			07/02/22 09:11	1
cis-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:11	1
Dibromochloromethane	0.50	U	0.50	0.28	ug/L			07/02/22 09:11	1
Ethylbenzene	0.50	U	0.50	0.30	ug/L			07/02/22 09:11	1
Methyl Ethyl Ketone	2.5	U	2.5	1.9	ug/L			07/02/22 09:11	1
methyl isobutyl ketone	2.5	U	2.5	1.3	ug/L			07/02/22 09:11	1
Methyl tert-butyl ether	0.50	U	0.50	0.22	ug/L			07/02/22 09:11	1
Methylene Chloride	0.50	U	0.50	0.32	ug/L			07/02/22 09:11	1
Styrene	0.50	U	0.50	0.42	ug/L			07/02/22 09:11	1
Tetrachloroethene	0.50	U	0.50	0.25	ug/L			07/02/22 09:11	1
Toluene	0.50	U	0.50	0.38	ug/L			07/02/22 09:11	1
trans-1,2-Dichloroethene	0.50	U	0.50	0.24	ug/L			07/02/22 09:11	1
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ug/L			07/02/22 09:11	1
Trichloroethene	0.50	U	0.50	0.31	ug/L			07/02/22 09:11	1
Vinyl chloride	0.50	U	0.50	0.17	ug/L			07/02/22 09:11	1
Xylenes, Total	1.0	U	1.0	0.65	ug/L			07/02/22 09:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*07/02/22 09:11*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*07/02/22 09:11*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*07/02/22 09:11*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/02/22 09:11*	*1*

Lab Sample ID: LCS 460-853294/3
Matrix: Water
Analysis Batch: 853294

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	19.3		ug/L		97	68 - 128
1,1,2,2-Tetrachloroethane	20.0	16.3		ug/L		82	63 - 139
1,1,2-Trichloroethane	20.0	16.2		ug/L		81	74 - 125
1,1-Dichloroethane	20.0	16.9		ug/L		85	73 - 130
1,1-Dichloroethene	20.0	18.9		ug/L		95	68 - 133
1,2-Dichloroethane	20.0	18.8		ug/L		94	66 - 129

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

Lab Sample ID: LCS 460-853294/3
Matrix: Water
Analysis Batch: 853294

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dichloropropane			20.0	16.1		ug/L		81	68 - 128		
2-Hexanone			100	106		ug/L		106	61 - 134		
Acetone			100	96.5		ug/L		97	61 - 134		
Benzene			20.0	16.4		ug/L		82	71 - 126		
Bromodichloromethane			20.0	18.4		ug/L		92	76 - 121		
Bromoform			20.0	20.0		ug/L		100	48 - 144		
Bromomethane			20.0	13.2		ug/L		66	32 - 150		
Carbon disulfide			20.0	17.9		ug/L		90	64 - 138		
Carbon tetrachloride			20.0	20.8		ug/L		104	61 - 131		
Chlorobenzene			20.0	18.1		ug/L		91	80 - 120		
Chloroethane			20.0	16.9		ug/L		85	42 - 150		
Chloroform			20.0	18.1		ug/L		90	78 - 125		
Chloromethane			20.0	14.9		ug/L		74	43 - 150		
cis-1,2-Dichloroethene			20.0	18.0		ug/L		90	78 - 121		
cis-1,3-Dichloropropene			20.0	16.9		ug/L		84	74 - 125		
Dibromochloromethane			20.0	18.4		ug/L		92	62 - 130		
Ethylbenzene			20.0	19.2		ug/L		96	78 - 120		
Methyl Ethyl Ketone			100	105		ug/L		105	61 - 128		
methyl isobutyl ketone			100	100		ug/L		100	69 - 128		
Methyl tert-butyl ether			20.0	18.1		ug/L		90	72 - 131		
Methylene Chloride			20.0	18.3		ug/L		91	74 - 127		
Styrene			20.0	19.4		ug/L		97	75 - 127		
Tetrachloroethene			20.0	19.3		ug/L		96	70 - 127		
Toluene			20.0	17.0		ug/L		85	78 - 120		
trans-1,2-Dichloroethene			20.0	17.8		ug/L		89	74 - 126		
trans-1,3-Dichloropropene			20.0	17.6		ug/L		88	66 - 127		
Trichloroethene			20.0	18.8		ug/L		94	71 - 121		
Vinyl chloride			20.0	17.0		ug/L		85	55 - 144		
Xylenes, Total			40.0	37.5		ug/L		94	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 124*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: LCSD 460-853294/4
Matrix: Water
Analysis Batch: 853294

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	17.8		ug/L		89	68 - 128	8	30
1,1,2,2-Tetrachloroethane			20.0	16.0		ug/L		80	63 - 139	2	30
1,1,2-Trichloroethane			20.0	16.2		ug/L		81	74 - 125	0	30
1,1-Dichloroethane			20.0	15.9		ug/L		80	73 - 130	6	30
1,1-Dichloroethene			20.0	17.5		ug/L		87	68 - 133	8	30
1,2-Dichloroethane			20.0	17.2		ug/L		86	66 - 129	8	30
1,2-Dichloropropane			20.0	16.0		ug/L		80	68 - 128	0	30

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

Lab Sample ID: LCSD 460-853294/4
Matrix: Water
Analysis Batch: 853294

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
2-Hexanone			100	102		ug/L		102	61 - 134	4	30
Acetone			100	93.2		ug/L		93	61 - 134	3	30
Benzene			20.0	15.5		ug/L		77	71 - 126	6	30
Bromodichloromethane			20.0	17.6		ug/L		88	76 - 121	4	30
Bromoform			20.0	19.0		ug/L		95	48 - 144	5	30
Bromomethane			20.0	11.9		ug/L		60	32 - 150	10	30
Carbon disulfide			20.0	16.6		ug/L		83	64 - 138	8	30
Carbon tetrachloride			20.0	18.8		ug/L		94	61 - 131	11	30
Chlorobenzene			20.0	17.2		ug/L		86	80 - 120	5	30
Chloroethane			20.0	16.3		ug/L		82	42 - 150	4	30
Chloroform			20.0	17.1		ug/L		86	78 - 125	5	30
Chloromethane			20.0	14.1		ug/L		71	43 - 150	5	30
cis-1,2-Dichloroethene			20.0	16.0		ug/L		80	78 - 121	11	30
cis-1,3-Dichloropropene			20.0	16.1		ug/L		80	74 - 125	5	30
Dibromochloromethane			20.0	17.5		ug/L		88	62 - 130	5	30
Ethylbenzene			20.0	18.1		ug/L		91	78 - 120	6	30
Methyl Ethyl Ketone			100	101		ug/L		101	61 - 128	4	30
methyl isobutyl ketone			100	93.8		ug/L		94	69 - 128	6	30
Methyl tert-butyl ether			20.0	17.1		ug/L		86	72 - 131	5	30
Methylene Chloride			20.0	17.0		ug/L		85	74 - 127	7	30
Styrene			20.0	18.1		ug/L		91	75 - 127	7	30
Tetrachloroethene			20.0	18.1		ug/L		91	70 - 127	6	30
Toluene			20.0	15.9		ug/L		79	78 - 120	7	30
trans-1,2-Dichloroethene			20.0	17.0		ug/L		85	74 - 126	5	30
trans-1,3-Dichloropropene			20.0	16.7		ug/L		84	66 - 127	5	30
Trichloroethene			20.0	17.3		ug/L		87	71 - 121	8	30
Vinyl chloride			20.0	15.4		ug/L		77	55 - 144	9	30
Xylenes, Total			40.0	35.2		ug/L		88	78 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
4-Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 124*
Toluene-d8 (Surr)	*93*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
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: 460-261101-1
Project/Site: New City; #40217

GC/MS VOA

Analysis Batch: 853230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-261101-1	MW-2R_20220623	Total/NA	Water	8260D	
460-261101-2	MW-4_20220623	Total/NA	Water	8260D	
460-261101-3	MW-6_20220623	Total/NA	Water	8260D	
460-261101-4	MW-7_20220624	Total/NA	Water	8260D	
460-261101-5	MW-8_20220624	Total/NA	Water	8260D	
460-261101-6	MW-11_20220624	Total/NA	Water	8260D	
460-261101-8	MW-13_20220624	Total/NA	Water	8260D	
460-261101-9	MW-14_20220623	Total/NA	Water	8260D	
460-261101-10	MW-18_20220623	Total/NA	Water	8260D	
460-261101-11	MW-19_20220623	Total/NA	Water	8260D	
460-261101-12	MW-24_20220624	Total/NA	Water	8260D	
460-261101-17	FB_20220623	Total/NA	Water	8260D	
460-261101-18	TB_20220624	Total/NA	Water	8260D	
MB 460-853230/7	Method Blank	Total/NA	Water	8260D	
LCS 460-853230/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-853230/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-261101-11 MS	MW-19_20220623	Total/NA	Water	8260D	
460-261101-11 MSD	MW-19_20220623	Total/NA	Water	8260D	

Analysis Batch: 853294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-261101-7	MW-12_20220624	Total/NA	Water	8260D	
460-261101-13	MW-25_20220623	Total/NA	Water	8260D	
460-261101-14	MW-26_20220623	Total/NA	Water	8260D	
460-261101-15	MW-28_20220624	Total/NA	Water	8260D	
460-261101-16	MW-X_20220623	Total/NA	Water	8260D	
MB 460-853294/7	Method Blank	Total/NA	Water	8260D	
LCS 460-853294/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-853294/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Project/Site: New City; #40217

Job ID: 460-261101-1

Client Sample ID: MW-2R_20220623
Lab Sample ID: 460-261101-1
Date Collected: 06/23/22 16:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 00:25	MZS	TAL EDI

Client Sample ID: MW-4_20220623
Lab Sample ID: 460-261101-2
Date Collected: 06/23/22 12:50
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 00:46	MZS	TAL EDI

Client Sample ID: MW-6_20220623
Lab Sample ID: 460-261101-3
Date Collected: 06/23/22 15:50
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 01:08	MZS	TAL EDI

Client Sample ID: MW-7_20220624
Lab Sample ID: 460-261101-4
Date Collected: 06/24/22 08:55
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 01:29	MZS	TAL EDI

Client Sample ID: MW-8_20220624
Lab Sample ID: 460-261101-5
Date Collected: 06/24/22 09:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 01:50	MZS	TAL EDI

Client Sample ID: MW-11_20220624
Lab Sample ID: 460-261101-6
Date Collected: 06/24/22 10:10
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 02:12	MZS	TAL EDI

Client Sample ID: MW-12_20220624
Lab Sample ID: 460-261101-7
Date Collected: 06/24/22 10:30
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853294	07/02/22 09:32	KLB	TAL EDI

Client Sample ID: MW-13_20220624
Lab Sample ID: 460-261101-8
Date Collected: 06/24/22 13:50
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 02:55	MZS	TAL EDI

Client Sample ID: MW-14_20220623
Lab Sample ID: 460-261101-9
Date Collected: 06/23/22 12:15
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 03:16	MZS	TAL EDI

Client Sample ID: MW-18_20220623
Lab Sample ID: 460-261101-10
Date Collected: 06/23/22 10:05
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 03:38	MZS	TAL EDI

Client Sample ID: MW-19_20220623
Lab Sample ID: 460-261101-11
Date Collected: 06/23/22 14:50
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 03:59	MZS	TAL EDI

Client Sample ID: MW-24_20220624
Lab Sample ID: 460-261101-12
Date Collected: 06/24/22 11:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 04:20	MZS	TAL EDI

Client Sample ID: MW-25_20220623
Lab Sample ID: 460-261101-13
Date Collected: 06/23/22 14:40
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853294	07/02/22 09:54	KLB	TAL EDI

Client Sample ID: MW-26_20220623
Lab Sample ID: 460-261101-14
Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853294	07/02/22 10:15	KLB	TAL EDI

Lab Chronicle

Client: AKRF Inc
Job ID: 460-261101-1
Project/Site: New City; #40217

Client Sample ID: MW-28_20220624
Lab Sample ID: 460-261101-15
Date Collected: 06/24/22 14:25
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853294	07/02/22 10:36	KLB	TAL EDI

Client Sample ID: MW-X_20220623
Lab Sample ID: 460-261101-16
Date Collected: 06/23/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853294	07/02/22 10:58	KLB	TAL EDI

Client Sample ID: FB_20220623
Lab Sample ID: 460-261101-17
Date Collected: 06/23/22 11:35
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/02/22 00:04	MZS	TAL EDI

Client Sample ID: TB_20220624
Lab Sample ID: 460-261101-18
Date Collected: 06/24/22 00:00
Matrix: Water
Date Received: 06/28/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	853230	07/01/22 23:42	MZS	TAL EDI

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-261101-1
Project/Site: New City; #40217

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

8260D_LL

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-2R_20220623	460-261101-1	100	96	96	104
MW-4_20220623	460-261101-2	104	103	99	106
MW-6_20220623	460-261101-3	111	109	102	114
MW-7_20220624	460-261101-4	112	110	102	112
MW-8_20220624	460-261101-5	105	98	98	107
MW-11_20220624	460-261101-6	110	104	97	106
MW-12_20220624	460-261101-7	102	96	90	101
MW-13_20220624	460-261101-8	108	103	97	106
MW-14_20220623	460-261101-9	111	105	100	108
MW-18_20220623	460-261101-10	106	105	95	112
MW-19_20220623	460-261101-11	106	99	95	107
MW-24_20220624	460-261101-12	109	101	96	111
MW-25_20220623	460-261101-13	107	101	93	105
MW-26_20220623	460-261101-14	115	105	102	114
MW-28_20220624	460-261101-15	102	92	97	102
MW-X_20220623	460-261101-16	109	98	93	105
FB_20220623	460-261101-17	106	101	99	112
TB_20220624	460-261101-18	101	97	95	104
	MB 460-853230/7	98	92	95	101
	MB 460-853294/7	103	95	91	102
	LCS 460-853230/3	101	98	96	106
	LCS 460-853294/3	100	94	95	106
	LCSD 460-853230/4	100	96	93	103
	LCSD 460-853294/4	101	95	93	101
MW-19_20220623 MS	460-261101-11 MS	109	100	101	113
MW-19_20220623 MSD	460-261101-11 MSD	99	94	94	107

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21623.D

Lab ID: LCS 460-853230/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	95	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	63-139	
1,1,2-Trichloroethane	20.0	16.9	85	74-125	
1,1-Dichloroethane	20.0	17.5	87	73-130	
1,1-Dichloroethene	20.0	18.7	94	68-133	
1,2-Dichloroethane	20.0	19.1	96	66-129	
1,2-Dichloropropane	20.0	17.5	88	68-128	
2-Hexanone	100	115	115	61-134	
Acetone	100	100	100	61-134	
Benzene	20.0	17.1	85	71-126	
Bromodichloromethane	20.0	17.8	89	76-121	
Bromoform	20.0	20.8	104	48-144	
Bromomethane	20.0	17.6	88	32-150	
Carbon disulfide	20.0	17.7	89	64-138	
Carbon tetrachloride	20.0	20.7	104	61-131	
Chlorobenzene	20.0	18.4	92	80-120	
Chloroethane	20.0	17.9	89	42-150	
Chloroform	20.0	18.6	93	78-125	
Chloromethane	20.0	16.0	80	43-150	
cis-1,2-Dichloroethene	20.0	17.9	89	78-121	
cis-1,3-Dichloropropene	20.0	17.4	87	74-125	
Dibromochloromethane	20.0	18.8	94	62-130	
Ethylbenzene	20.0	18.7	94	78-120	
Methyl Ethyl Ketone	100	107	107	61-128	
methyl isobutyl ketone	100	108	108	69-128	
Methyl tert-butyl ether	20.0	18.5	93	72-131	
Methylene Chloride	20.0	18.5	92	74-127	
Styrene	20.0	18.9	94	75-127	
Tetrachloroethene	20.0	19.9	99	70-127	
Toluene	20.0	17.6	88	78-120	
trans-1,2-Dichloroethene	20.0	17.5	88	74-126	
trans-1,3-Dichloropropene	20.0	17.2	86	66-127	
Trichloroethene	20.0	18.2	91	71-121	
Vinyl chloride	20.0	17.6	88	55-144	
Xylenes, Total	40.0	36.9	92	78-120	

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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21654.D

Lab ID: LCS 460-853294/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.3	97	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.3	82	63-139	
1,1,2-Trichloroethane	20.0	16.2	81	74-125	
1,1-Dichloroethane	20.0	16.9	85	73-130	
1,1-Dichloroethene	20.0	18.9	95	68-133	
1,2-Dichloroethane	20.0	18.8	94	66-129	
1,2-Dichloropropane	20.0	16.1	81	68-128	
2-Hexanone	100	106	106	61-134	
Acetone	100	96.5	97	61-134	
Benzene	20.0	16.4	82	71-126	
Bromodichloromethane	20.0	18.4	92	76-121	
Bromoform	20.0	20.0	100	48-144	
Bromomethane	20.0	13.2	66	32-150	
Carbon disulfide	20.0	17.9	90	64-138	
Carbon tetrachloride	20.0	20.8	104	61-131	
Chlorobenzene	20.0	18.1	91	80-120	
Chloroethane	20.0	16.9	85	42-150	
Chloroform	20.0	18.1	90	78-125	
Chloromethane	20.0	14.9	74	43-150	
cis-1,2-Dichloroethene	20.0	18.0	90	78-121	
cis-1,3-Dichloropropene	20.0	16.9	84	74-125	
Dibromochloromethane	20.0	18.4	92	62-130	
Ethylbenzene	20.0	19.2	96	78-120	
Methyl Ethyl Ketone	100	105	105	61-128	
methyl isobutyl ketone	100	100	100	69-128	
Methyl tert-butyl ether	20.0	18.1	90	72-131	
Methylene Chloride	20.0	18.3	91	74-127	
Styrene	20.0	19.4	97	75-127	
Tetrachloroethene	20.0	19.3	96	70-127	
Toluene	20.0	17.0	85	78-120	
trans-1,2-Dichloroethene	20.0	17.8	89	74-126	
trans-1,3-Dichloropropene	20.0	17.6	88	66-127	
Trichloroethene	20.0	18.8	94	71-121	
Vinyl chloride	20.0	17.0	85	55-144	
Xylenes, Total	40.0	37.5	94	78-120	

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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21624.D

Lab ID: LCSD 460-853230/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.0	100	5	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.7	88	3	30	63-139	
1,1,2-Trichloroethane	20.0	17.4	87	2	30	74-125	
1,1-Dichloroethane	20.0	18.2	91	4	30	73-130	
1,1-Dichloroethene	20.0	19.8	99	5	30	68-133	
1,2-Dichloroethane	20.0	19.5	98	2	30	66-129	
1,2-Dichloropropane	20.0	17.4	87	1	30	68-128	
2-Hexanone	100	108	108	6	30	61-134	
Acetone	100	95.8	96	5	30	61-134	
Benzene	20.0	17.9	90	5	30	71-126	
Bromodichloromethane	20.0	19.0	95	6	30	76-121	
Bromoform	20.0	21.1	105	1	30	48-144	
Bromomethane	20.0	17.8	89	1	30	32-150	
Carbon disulfide	20.0	18.2	91	3	30	64-138	
Carbon tetrachloride	20.0	20.7	104	0	30	61-131	
Chlorobenzene	20.0	18.0	90	2	30	80-120	
Chloroethane	20.0	17.3	87	3	30	42-150	
Chloroform	20.0	19.2	96	3	30	78-125	
Chloromethane	20.0	17.0	85	6	30	43-150	
cis-1,2-Dichloroethene	20.0	18.0	90	1	30	78-121	
cis-1,3-Dichloropropene	20.0	17.9	89	3	30	74-125	
Dibromochloromethane	20.0	18.7	94	0	30	62-130	
Ethylbenzene	20.0	19.4	97	4	30	78-120	
Methyl Ethyl Ketone	100	101	101	6	30	61-128	
methyl isobutyl ketone	100	101	101	7	30	69-128	
Methyl tert-butyl ether	20.0	18.2	91	2	30	72-131	
Methylene Chloride	20.0	19.0	95	3	30	74-127	
Styrene	20.0	19.5	98	3	30	75-127	
Tetrachloroethene	20.0	20.0	100	0	30	70-127	
Toluene	20.0	17.6	88	0	30	78-120	
trans-1,2-Dichloroethene	20.0	18.6	93	6	30	74-126	
trans-1,3-Dichloropropene	20.0	17.9	90	4	30	66-127	
Trichloroethene	20.0	19.0	95	4	30	71-121	
Vinyl chloride	20.0	17.7	88	1	30	55-144	
Xylenes, Total	40.0	38.5	96	4	30	78-120	

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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21655.D

Lab ID: LCSD 460-853294/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.8	89	8	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.0	80	2	30	63-139	
1,1,2-Trichloroethane	20.0	16.2	81	0	30	74-125	
1,1-Dichloroethane	20.0	15.9	80	6	30	73-130	
1,1-Dichloroethene	20.0	17.5	87	8	30	68-133	
1,2-Dichloroethane	20.0	17.2	86	8	30	66-129	
1,2-Dichloropropane	20.0	16.0	80	0	30	68-128	
2-Hexanone	100	102	102	4	30	61-134	
Acetone	100	93.2	93	3	30	61-134	
Benzene	20.0	15.5	77	6	30	71-126	
Bromodichloromethane	20.0	17.6	88	4	30	76-121	
Bromoform	20.0	19.0	95	5	30	48-144	
Bromomethane	20.0	11.9	60	10	30	32-150	
Carbon disulfide	20.0	16.6	83	8	30	64-138	
Carbon tetrachloride	20.0	18.8	94	11	30	61-131	
Chlorobenzene	20.0	17.2	86	5	30	80-120	
Chloroethane	20.0	16.3	82	4	30	42-150	
Chloroform	20.0	17.1	86	5	30	78-125	
Chloromethane	20.0	14.1	71	5	30	43-150	
cis-1,2-Dichloroethene	20.0	16.0	80	11	30	78-121	
cis-1,3-Dichloropropene	20.0	16.1	80	5	30	74-125	
Dibromochloromethane	20.0	17.5	88	5	30	62-130	
Ethylbenzene	20.0	18.1	91	6	30	78-120	
Methyl Ethyl Ketone	100	101	101	4	30	61-128	
methyl isobutyl ketone	100	93.8	94	6	30	69-128	
Methyl tert-butyl ether	20.0	17.1	86	5	30	72-131	
Methylene Chloride	20.0	17.0	85	7	30	74-127	
Styrene	20.0	18.1	91	7	30	75-127	
Tetrachloroethene	20.0	18.1	91	6	30	70-127	
Toluene	20.0	15.9	79	7	30	78-120	
trans-1,2-Dichloroethene	20.0	17.0	85	5	30	74-126	
trans-1,3-Dichloropropene	20.0	16.7	84	5	30	66-127	
Trichloroethene	20.0	17.3	87	8	30	71-121	
Vinyl chloride	20.0	15.4	77	9	30	55-144	
Xylenes, Total	40.0	35.2	88	6	30	78-120	

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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21649.D

Lab ID: 460-261101-11 MS Client ID: MW-19_20220623 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	0.50 U	21.0	105	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.50 U	17.7	89	63-139	
1,1,2-Trichloroethane	20.0	0.50 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	0.50 U	18.4	92	73-130	
1,1-Dichloroethene	20.0	0.50 U	20.8	104	68-133	
1,2-Dichloroethane	20.0	0.50 U	19.9	100	66-129	
1,2-Dichloropropane	20.0	0.50 U	17.9	89	68-128	
2-Hexanone	100	2.5 U	129	129	61-134	
Acetone	100	5.0 U	112	112	61-134	
Benzene	20.0	0.50 U	18.0	90	71-126	
Bromodichloromethane	20.0	0.50 U	20.0	100	76-121	
Bromoform	20.0	0.50 U	22.0	110	48-144	
Bromomethane	20.0	0.50 U	14.1	71	32-150	
Carbon disulfide	20.0	0.50 U	18.9	95	64-138	
Carbon tetrachloride	20.0	0.50 U	22.8	114	61-131	
Chlorobenzene	20.0	0.50 U	19.2	96	80-120	
Chloroethane	20.0	0.50 U	19.4	97	42-150	
Chloroform	20.0	0.50 U	19.7	98	78-125	
Chloromethane	20.0	0.50 U	16.7	83	43-150	
cis-1,2-Dichloroethene	20.0	76	83.0	34	78-121	*
cis-1,3-Dichloropropene	20.0	0.50 U	17.0	85	74-125	
Dibromochloromethane	20.0	0.50 U	19.9	99	62-130	
Ethylbenzene	20.0	0.50 U	19.7	98	78-120	
Methyl Ethyl Ketone	100	2.5 U	131	131	61-128	*
methyl isobutyl ketone	100	2.5 U	120	120	69-128	
Methyl tert-butyl ether	20.0	0.50 U	19.5	96	72-131	
Methylene Chloride	20.0	0.50 U	19.5	97	74-127	
Styrene	20.0	0.50 U	20.4	102	75-127	
Tetrachloroethene	20.0	68	78.7	53	70-127	*
Toluene	20.0	0.50 U	18.1	91	78-120	
trans-1,2-Dichloroethene	20.0	0.50 U	19.7	96	74-126	
trans-1,3-Dichloropropene	20.0	0.50 U	17.1	85	66-127	
Trichloroethene	20.0	26	43.3	85	71-121	
Vinyl chloride	20.0	3.1	20.6	88	55-144	
Xylenes, Total	40.0	1.0 U	39.7	99	78-120	

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.: 460-261101-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V21650.D

Lab ID: 460-261101-11 MSD Client ID: MW-19_20220623 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	18.9	95	10	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	1	30	63-139	
1,1,2-Trichloroethane	20.0	18.4	92	2	30	74-125	
1,1-Dichloroethane	20.0	16.7	83	10	30	73-130	
1,1-Dichloroethene	20.0	17.8	89	15	30	68-133	
1,2-Dichloroethane	20.0	19.2	96	4	30	66-129	
1,2-Dichloropropane	20.0	17.0	85	5	30	68-128	
2-Hexanone	100	127	127	1	30	61-134	
Acetone	100	107	107	5	30	61-134	
Benzene	20.0	16.4	82	9	30	71-126	
Bromodichloromethane	20.0	18.8	94	6	30	76-121	
Bromoform	20.0	21.5	107	3	30	48-144	
Bromomethane	20.0	13.3	66	6	30	32-150	
Carbon disulfide	20.0	17.3	87	9	30	64-138	
Carbon tetrachloride	20.0	19.8	99	14	30	61-131	
Chlorobenzene	20.0	18.2	91	6	30	80-120	
Chloroethane	20.0	17.6	88	10	30	42-150	
Chloroform	20.0	18.7	93	5	30	78-125	
Chloromethane	20.0	14.9	75	11	30	43-150	
cis-1,2-Dichloroethene	20.0	76.8	3	8	30	78-121	*
cis-1,3-Dichloropropene	20.0	16.9	85	0	30	74-125	
Dibromochloromethane	20.0	19.8	99	0	30	62-130	
Ethylbenzene	20.0	19.1	95	3	30	78-120	
Methyl Ethyl Ketone	100	135	135	3	30	61-128	*
methyl isobutyl ketone	100	119	119	1	30	69-128	
Methyl tert-butyl ether	20.0	19.2	94	2	30	72-131	
Methylene Chloride	20.0	18.4	92	6	30	74-127	
Styrene	20.0	19.1	95	7	30	75-127	
Tetrachloroethene	20.0	71.8	18	9	30	70-127	*
Toluene	20.0	17.0	85	6	30	78-120	
trans-1,2-Dichloroethene	20.0	18.1	88	9	30	74-126	
trans-1,3-Dichloropropene	20.0	16.8	84	2	30	66-127	
Trichloroethene	20.0	38.8	63	11	30	71-121	*
Vinyl chloride	20.0	18.0	75	14	30	55-144	
Xylenes, Total	40.0	37.2	93	7	30	78-120	

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.: 460-261101-1

SDG No.:

Lab File ID: V21627.D Lab Sample ID: MB 460-853230/7

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

Instrument ID: CVOAMS7 Date Analyzed: 07/01/2022 20:50

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-853230/3	V21623.D	07/01/2022 19:25
	LCSD 460-853230/4	V21624.D	07/01/2022 19:46
TB_20220624	460-261101-18	V21635.D	07/01/2022 23:42
FB_20220623	460-261101-17	V21636.D	07/02/2022 00:04
MW-2R_20220623	460-261101-1	V21637.D	07/02/2022 00:25
MW-4_20220623	460-261101-2	V21638.D	07/02/2022 00:46
MW-6_20220623	460-261101-3	V21639.D	07/02/2022 01:08
MW-7_20220624	460-261101-4	V21640.D	07/02/2022 01:29
MW-8_20220624	460-261101-5	V21641.D	07/02/2022 01:50
MW-11_20220624	460-261101-6	V21642.D	07/02/2022 02:12
MW-13_20220624	460-261101-8	V21644.D	07/02/2022 02:55
MW-14_20220623	460-261101-9	V21645.D	07/02/2022 03:16
MW-18_20220623	460-261101-10	V21646.D	07/02/2022 03:38
MW-19_20220623	460-261101-11	V21647.D	07/02/2022 03:59
MW-24_20220624	460-261101-12	V21648.D	07/02/2022 04:20
MW-19_20220623 MS	460-261101-11 MS	V21649.D	07/02/2022 04:42
MW-19_20220623 MSD	460-261101-11 MSD	V21650.D	07/02/2022 05:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab File ID: V21658.D Lab Sample ID: MB 460-853294/7

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

Instrument ID: CVOAMS7 Date Analyzed: 07/02/2022 09:11

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-853294/3	V21654.D	07/02/2022 07:45
	LCSD 460-853294/4	V21655.D	07/02/2022 08:07
MW-12_20220624	460-261101-7	V21659.D	07/02/2022 09:32
MW-25_20220623	460-261101-13	V21660.D	07/02/2022 09:54
MW-26_20220623	460-261101-14	V21661.D	07/02/2022 10:15
MW-28_20220624	460-261101-15	V21662.D	07/02/2022 10:36
MW-X_20220623	460-261101-16	V21663.D	07/02/2022 10:58

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab File ID: V21573.D BFB Injection Date: 07/01/2022

Instrument ID: CVOAMS7 BFB Injection Time: 00:49

Analysis Batch No.: 853073

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	115.7
96	5 - 9% of m/z 95	6.4
173	Less than 2% of m/z 174	1.3
174	50 - 200% of m/z 95	86.4
175	5 - 9% of m/z 174	7.7
176	95 -105% of m/z 174	99.8
177	5 - 10% of m/z 176	6.0

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 460-853073/3	V21575.D	07/01/2022	1:33
	STD05 460-853073/4	V21576.D	07/01/2022	1:55
	STD5 460-853073/6	V21578.D	07/01/2022	2:37
	STD20 460-853073/7	V21579.D	07/01/2022	2:59
	STD50 460-853073/8	V21580.D	07/01/2022	3:20
	STD200 460-853073/9	V21581.D	07/01/2022	3:41
	STD500 460-853073/10	V21582.D	07/01/2022	4:02
	STD1 460-853073/18	V21590.D	07/01/2022	7:33
	ICV 460-853073/19	V21591.D	07/01/2022	7:57

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: STD20 460-853073/7 Date Analyzed: 07/01/2022 02:59

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21579.D Heated Purge: (Y/N) N

Calibration ID: 90819

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28698	2.58	186255	3.52	453495	4.56
UPPER LIMIT		57396	3.08	372510	4.02	906990	5.06
LOWER LIMIT		14349	2.08	93128	3.02	226748	4.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-853073/19		32969	2.57	210221	3.52	490209	4.56

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: STD20 460-853073/7 Date Analyzed: 07/01/2022 02:59

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21579.D Heated Purge: (Y/N) N

Calibration ID: 90819

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		18946	5.28	354540	8.20	175360	10.49
UPPER LIMIT		37892	5.78	709080	8.70	350720	10.99
LOWER LIMIT		9473	4.78	177270	7.70	87680	9.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-853073/19		17573	5.28	377071	8.20	187424	10.49

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: CCVIS 460-853230/2 Date Analyzed: 07/01/2022 19:04

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21622.D Heated Purge: (Y/N) N

Calibration ID: 90819

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27711	2.58	166330	3.50	406006	4.56
UPPER LIMIT		55422	3.08	332660	4.00	812012	5.06
LOWER LIMIT		13856	2.08	83165	3.00	203003	4.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-853230/3		26748	2.58	165534	3.52	413512	4.56
LCSD 460-853230/4		29436	2.57	174187	3.50	418094	4.56
MB 460-853230/7		26121	2.57	143517	3.52	402680	4.56
460-261101-18	TB_20220624	20437	2.58	129183	3.52	381301	4.56
460-261101-17	FB_20220623	19812	2.58	127986	3.52	380106	4.56
460-261101-1	MW-2R_20220623	21443	2.57	133256	3.50	381839	4.56
460-261101-2	MW-4_20220623	24620	2.57	141625	3.50	390856	4.56
460-261101-3	MW-6_20220623	23838	2.58	145151	3.52	382535	4.56
460-261101-4	MW-7_20220624	23367	2.58	138938	3.52	361650	4.56
460-261101-5	MW-8_20220624	19934	2.57	121388	3.52	358441	4.56
460-261101-6	MW-11_20220624	23901	2.57	138647	3.50	371964	4.56
460-261101-8	MW-13_20220624	20701	2.58	120544	3.52	350844	4.56
460-261101-9	MW-14_20220623	18598	2.58	116299	3.52	338111	4.56
460-261101-10	MW-18_20220623	21594	2.58	133699	3.52	366043	4.56
460-261101-11	MW-19_20220623	19388	2.58	115617	3.52	332607	4.56
460-261101-12	MW-24_20220624	19951	2.58	120790	3.52	357492	4.56
460-261101-11 MS	MW-19_20220623 MS	21079	2.58	113086	3.52	332704	4.56
460-261101-11 MSD	MW-19_20220623 MSD	19745	2.57	113174	3.50	334407	4.56

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: CCVIS 460-853230/2 Date Analyzed: 07/01/2022 19:04

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21622.D Heated Purge: (Y/N) N

Calibration ID: 90819

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17645	5.29	337385	8.20	170573	10.49
UPPER LIMIT		35290	5.79	674770	8.70	341146	10.99
LOWER LIMIT		8823	4.79	168693	7.70	85287	9.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-853230/3		17494	5.28	331640	8.20	168641	10.49
LCSD 460-853230/4		18458	5.28	340493	8.20	173739	10.49
MB 460-853230/7		14710	5.29	312326	8.20	157415	10.49
460-261101-18	TB_20220624	14032	5.28	295932	8.20	151923	10.49
460-261101-17	FB_20220623	10382	5.28	293105	8.20	152363	10.49
460-261101-1	MW-2R_20220623	15221	5.28	294839	8.20	154716	10.49
460-261101-2	MW-4_20220623	14454	5.28	299560	8.20	158785	10.49
460-261101-3	MW-6_20220623	16403	5.29	301083	8.20	163374	10.49
460-261101-4	MW-7_20220624	15267	5.29	293949	8.20	153520	10.49
460-261101-5	MW-8_20220624	14671	5.28	284186	8.20	146442	10.49
460-261101-6	MW-11_20220624	14035	5.29	301014	8.20	154150	10.49
460-261101-8	MW-13_20220624	14072	5.29	282991	8.20	143262	10.49
460-261101-9	MW-14_20220623	13032	5.28	273371	8.20	143594	10.49
460-261101-10	MW-18_20220623	12714	5.28	294784	8.20	156536	10.49
460-261101-11	MW-19_20220623	14382	5.29	263047	8.20	139714	10.49
460-261101-12	MW-24_20220624	13546	5.30	282034	8.20	146194	10.49
460-261101-11 MS	MW-19_20220623 MS	11930	5.28	272867	8.20	140043	10.49
460-261101-11 MSD	MW-19_20220623 MSD	13993	5.26	267804	8.20	139318	10.49

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: CCVIS 460-853294/2 Date Analyzed: 07/02/2022 07:24

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21653.D Heated Purge: (Y/N) N

Calibration ID: 90819

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19408	2.57	113400	3.52	350944	4.56
UPPER LIMIT		38816	3.07	226800	4.02	701888	5.06
LOWER LIMIT		9704	2.07	56700	3.02	175472	4.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-853294/3		22393	2.57	129848	3.50	374149	4.56
LCSD 460-853294/4		23218	2.57	136823	3.50	389694	4.56
MB 460-853294/7		18279	2.58	106843	3.52	360777	4.56
460-261101-7	MW-12_20220624	20912	2.58	118135	3.52	376022	4.56
460-261101-13	MW-25_20220623	19603	2.58	111467	3.52	353790	4.56
460-261101-14	MW-26_20220623	18591	2.58	105196	3.52	336310	4.56
460-261101-15	MW-28_20220624	17841	2.57	98201	3.50	346926	4.56
460-261101-16	MW-X_20220623	18885	2.57	109545	3.50	334212	4.56

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 8260D

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

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Sample No.: CCVIS 460-853294/2 Date Analyzed: 07/02/2022 07:24

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V21653.D Heated Purge: (Y/N) N

Calibration ID: 90819

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16841	5.28	289433	8.20	151178	10.49
UPPER LIMIT		33682	5.78	578866	8.70	302356	10.99
LOWER LIMIT		8421	4.78	144717	7.70	75589	9.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-853294/3		17337	5.28	304310	8.20	157211	10.49
LCSD 460-853294/4		18130	5.28	316492	8.20	157890	10.49
MB 460-853294/7		14249	5.28	287806	8.20	148635	10.49
460-261101-7	MW-12_20220624	14964	5.29	301920	8.20	156123	10.49
460-261101-13	MW-25_20220623	10035	5.28	288387	8.20	148694	10.49
460-261101-14	MW-26_20220623	13998	5.28	266677	8.20	143652	10.49
460-261101-15	MW-28_20220624	11798	5.29	270321	8.20	133408	10.49
460-261101-16	MW-X_20220623	12628	5.26	274865	8.20	141094	10.49

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-2R_20220623 | Lab Sample ID: 460-261101-1

Matrix: Water | Lab File ID: V21637.D

Analysis Method: 8260D | Date Collected: 06/23/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	48		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	2.6		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-2R_20220623 | Lab Sample ID: 460-261101-1

Matrix: Water | Lab File ID: V21637.D

Analysis Method: 8260D | Date Collected: 06/23/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D
Lims ID: 460-261101-A-1
Client ID: MW-2R_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:25:30 ALS Bottle#: 66 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-1
Misc. Info.: 460-0147350-017
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:50:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	21443	1000.0	
* 42 2-Butanone-d5	46	3.504	3.503	0.001	99	133256	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	91	8548	1.93	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	108296	50.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	104355	48.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	381839	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	93	9832	2.57	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	81	15221	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	467835	48.2	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	206586	47.9	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	294839	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	137370	52.1	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	154716	50.0	
S 136 1,2-Dichloroethene, Total	100				0		1.93	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:23:54 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D

Injection Date: 02-Jul-2022 00:25:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-1 Lab Sample ID: 460-261101-1

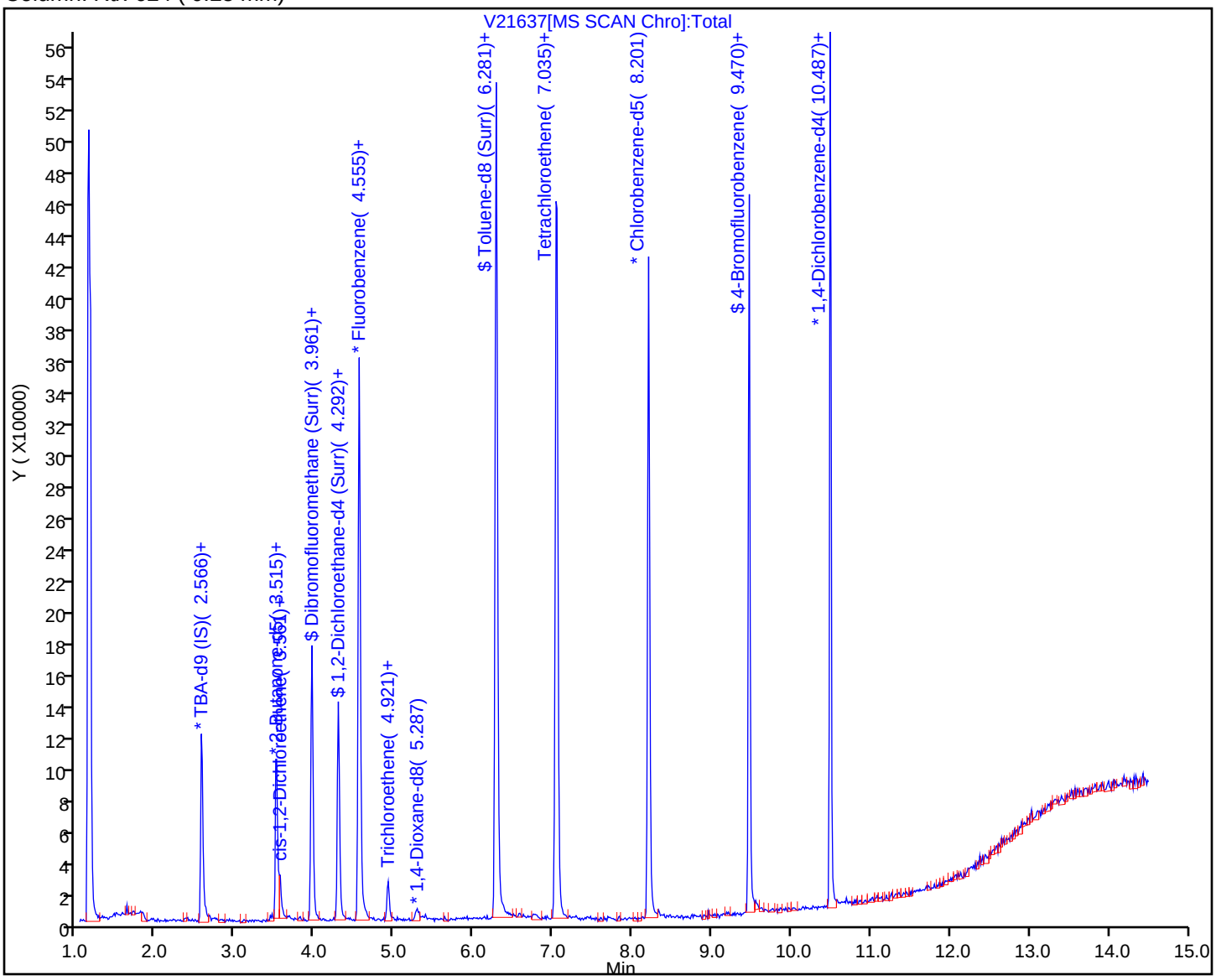
Client ID: MW-2R_20220623

Operator ID: ALS Bottle#: 66 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D
Lims ID: 460-261101-A-1
Client ID: MW-2R_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:25:30 ALS Bottle#: 66 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-1
Misc. Info.: 460-0147350-017
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:50:40

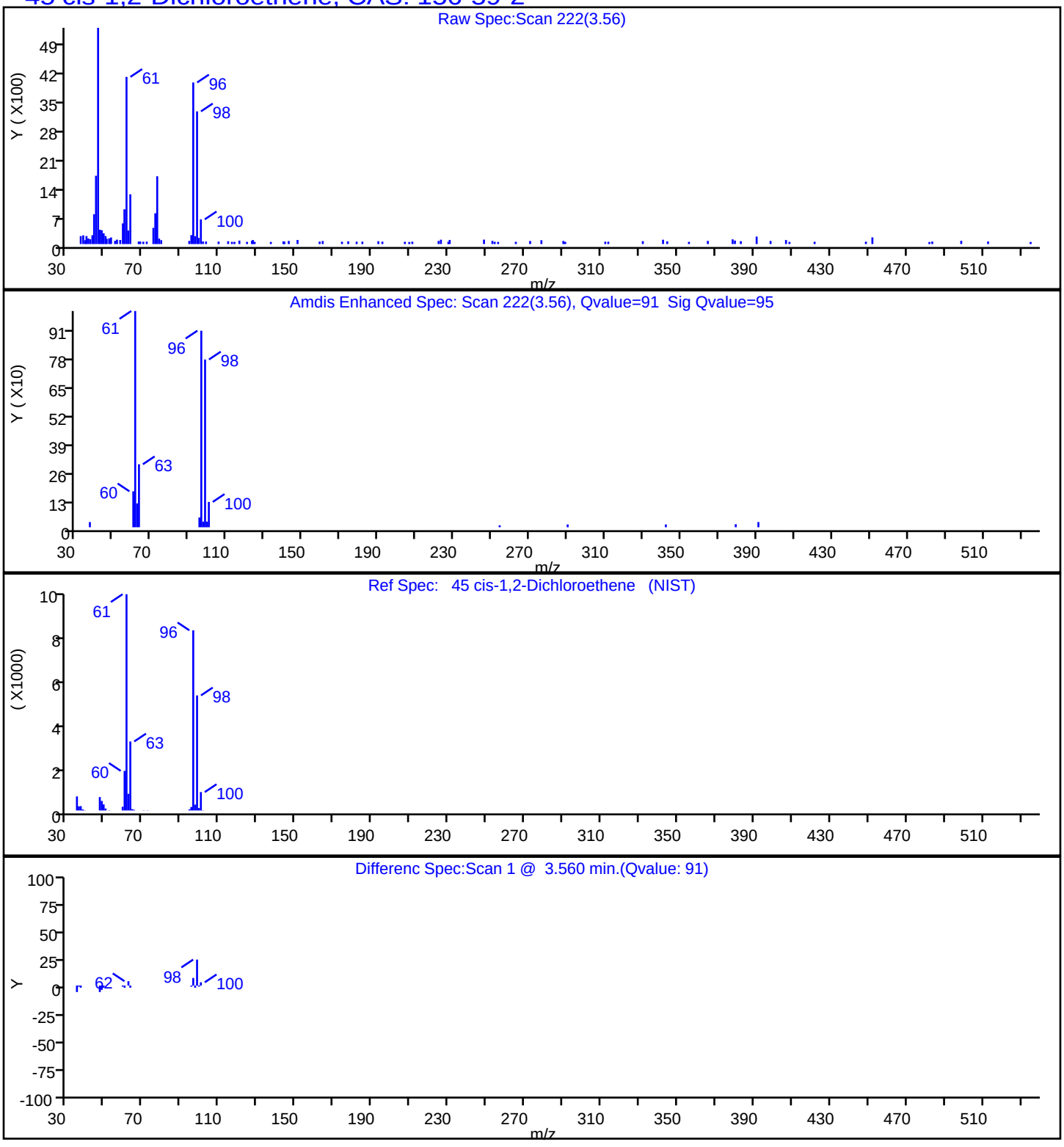
Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.1	100.25
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.21
$ 82 Toluene-d8 (Surr)	50.0	48.2	96.39
$ 105 4-Bromofluorobenzene	50.0	52.1	104.17

Report Date: 02-Jul-2022 19:23:54 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D				
Injection Date:	02-Jul-2022 00:25:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-1	Lab Sample ID:	460-261101-1		
Client ID:	MW-2R_20220623				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



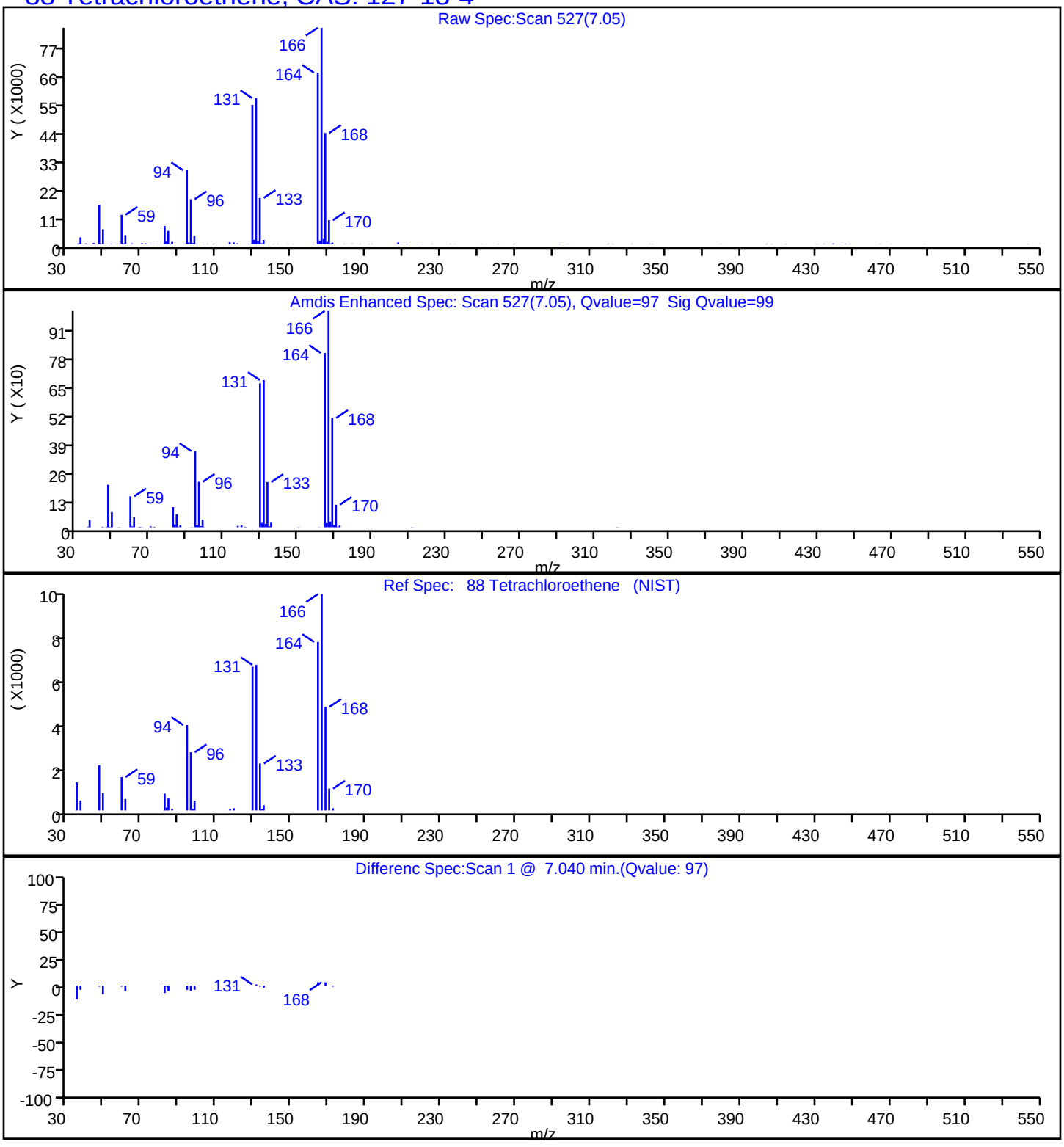
Report Date: 02-Jul-2022 19:23:54 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D

Injection Date:	02-Jul-2022 00:25:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-1	Lab Sample ID:	460-261101-1		
Client ID:	MW-2R_20220623				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



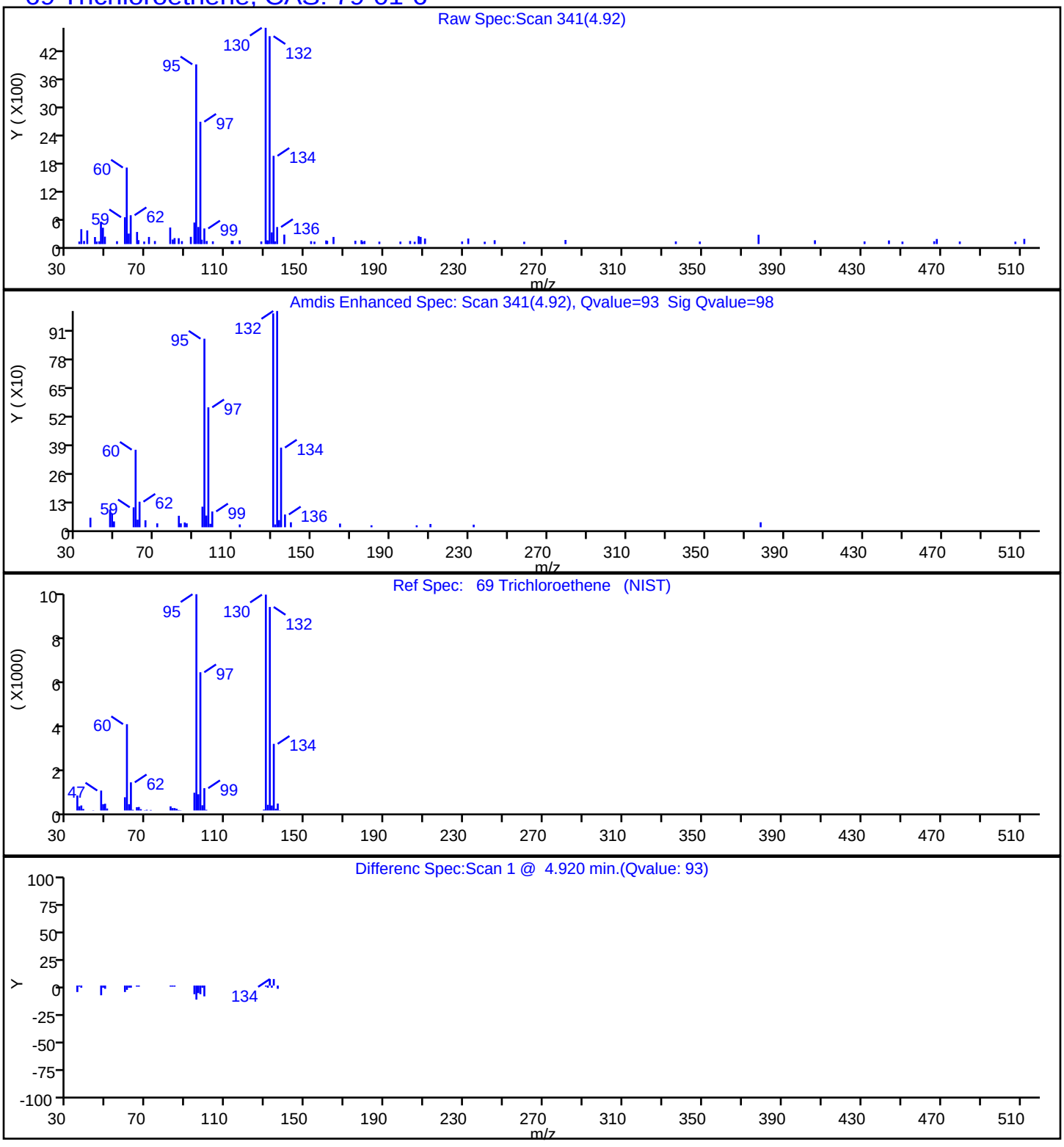
Report Date: 02-Jul-2022 19:23:54 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D

Injection Date:	02-Jul-2022 00:25:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-1	Lab Sample ID:	460-261101-1		
Client ID:	MW-2R_20220623				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



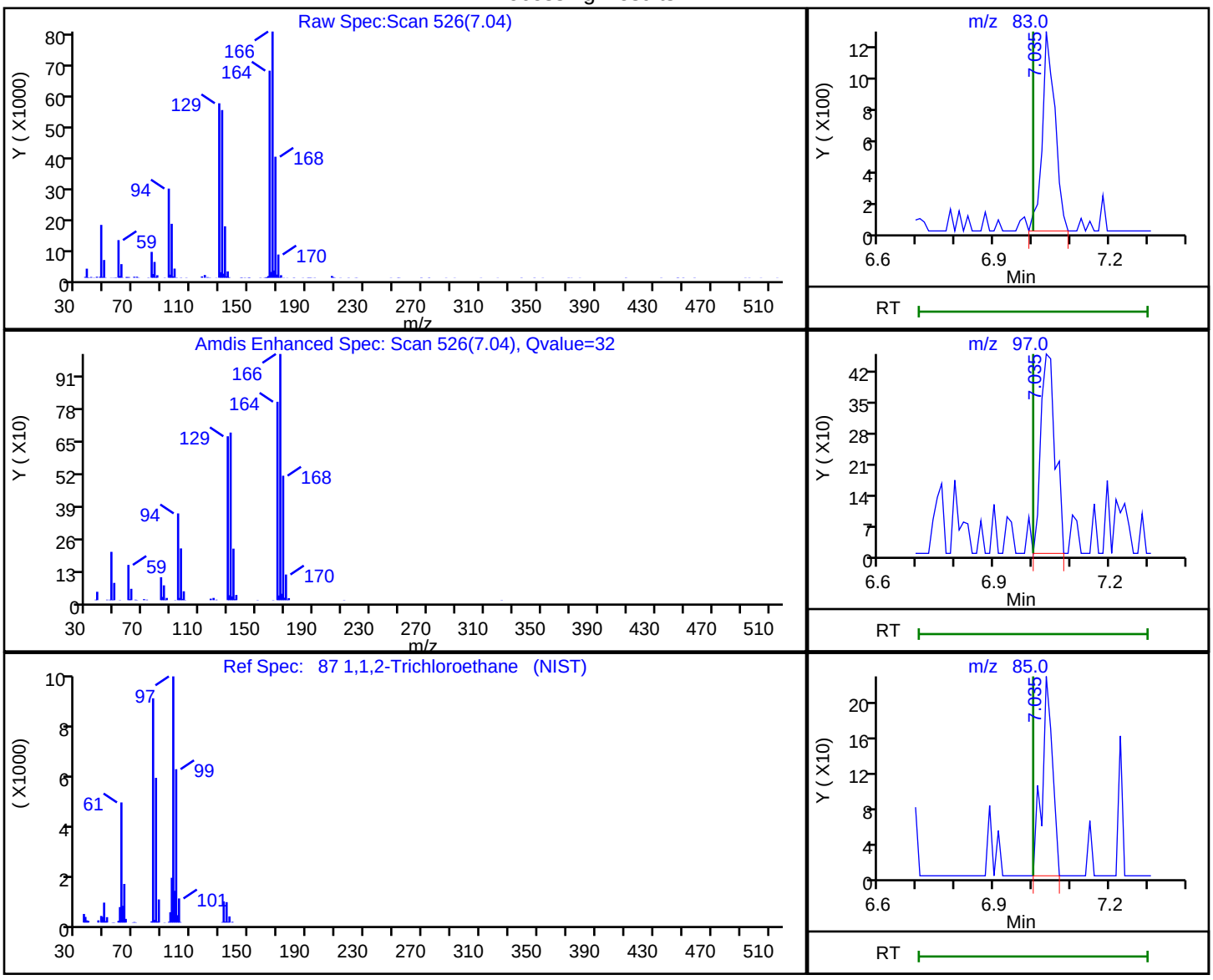
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D				
Injection Date:	02-Jul-2022 00:25:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-1	Lab Sample ID:	460-261101-1		
Client ID:	MW-2R_20220623				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	2777	0.959183
7.04	97.00	1187	
7.04	85.00	424	

Reviewer: HVW2, 02-Jul-2022 02:50:31

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

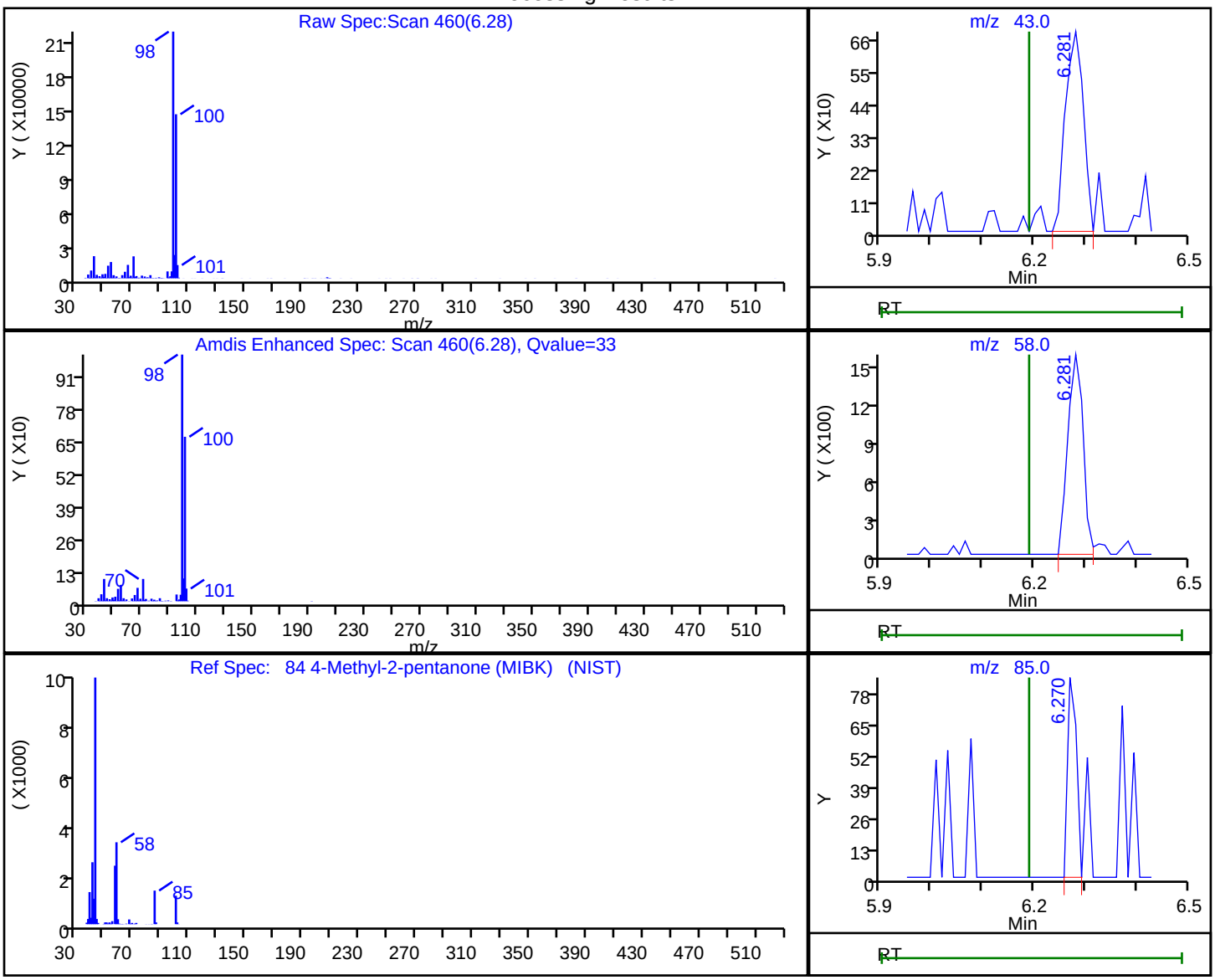
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21637.D				
Injection Date:	02-Jul-2022 00:25:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-1	Lab Sample ID:	460-261101-1		
Client ID:	MW-2R_20220623				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	1674	0.638350
6.28	58.00	3212	
6.27	85.00	103	
6.28	100.00	313056	

Reviewer: HVW2, 02-Jul-2022 02:50:27

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-4_20220623 | Lab Sample ID: 460-261101-2

Matrix: Water | Lab File ID: V21638.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.86		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	49		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-4_20220623 | Lab Sample ID: 460-261101-2

Matrix: Water | Lab File ID: V21638.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D
Lims ID: 460-261101-A-2
Client ID: MW-4_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:46:30 ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-2
Misc. Info.: 460-0147350-018
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:51:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	99	24620	1000.0	
32 Methyl tert-butyl ether	73	2.726	2.715	0.011	98	9498	0.8618	
* 42 2-Butanone-d5	46	3.503	3.503	0.000	99	141625	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	93	28092	6.19	
51 Chloroform	83	3.824	3.812	0.012	79	1555	0.2467	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	115422	52.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	114478	51.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	390856	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	17113	4.37	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	91	14454	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	488108	49.5	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	216623	49.4	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	299560	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	141975	53.0	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	158785	50.0	
S 136 1,2-Dichloroethene, Total	100				0		6.19	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:24:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date: 02-Jul-2022 00:46:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-2 Lab Sample ID: 460-261101-2

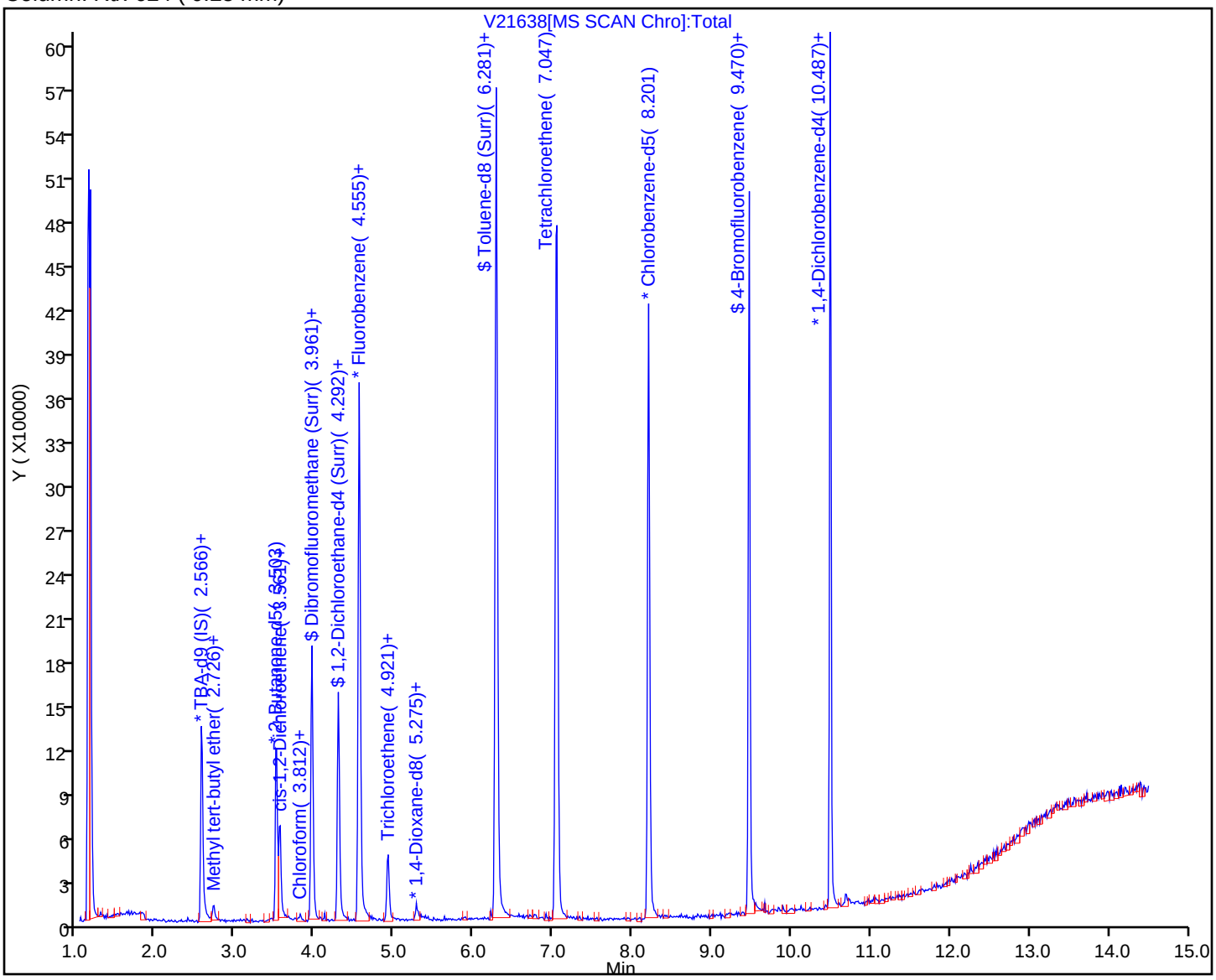
Client ID: MW-4_20220623

Operator ID: ALS Bottle#: 67 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D
Lims ID: 460-261101-A-2
Client ID: MW-4_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:46:30 ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-2
Misc. Info.: 460-0147350-018
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:51:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.2	104.38
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.6	103.10
$ 82 Toluene-d8 (Surr)	50.0	49.5	98.98
$ 105 4-Bromofluorobenzene	50.0	53.0	105.96

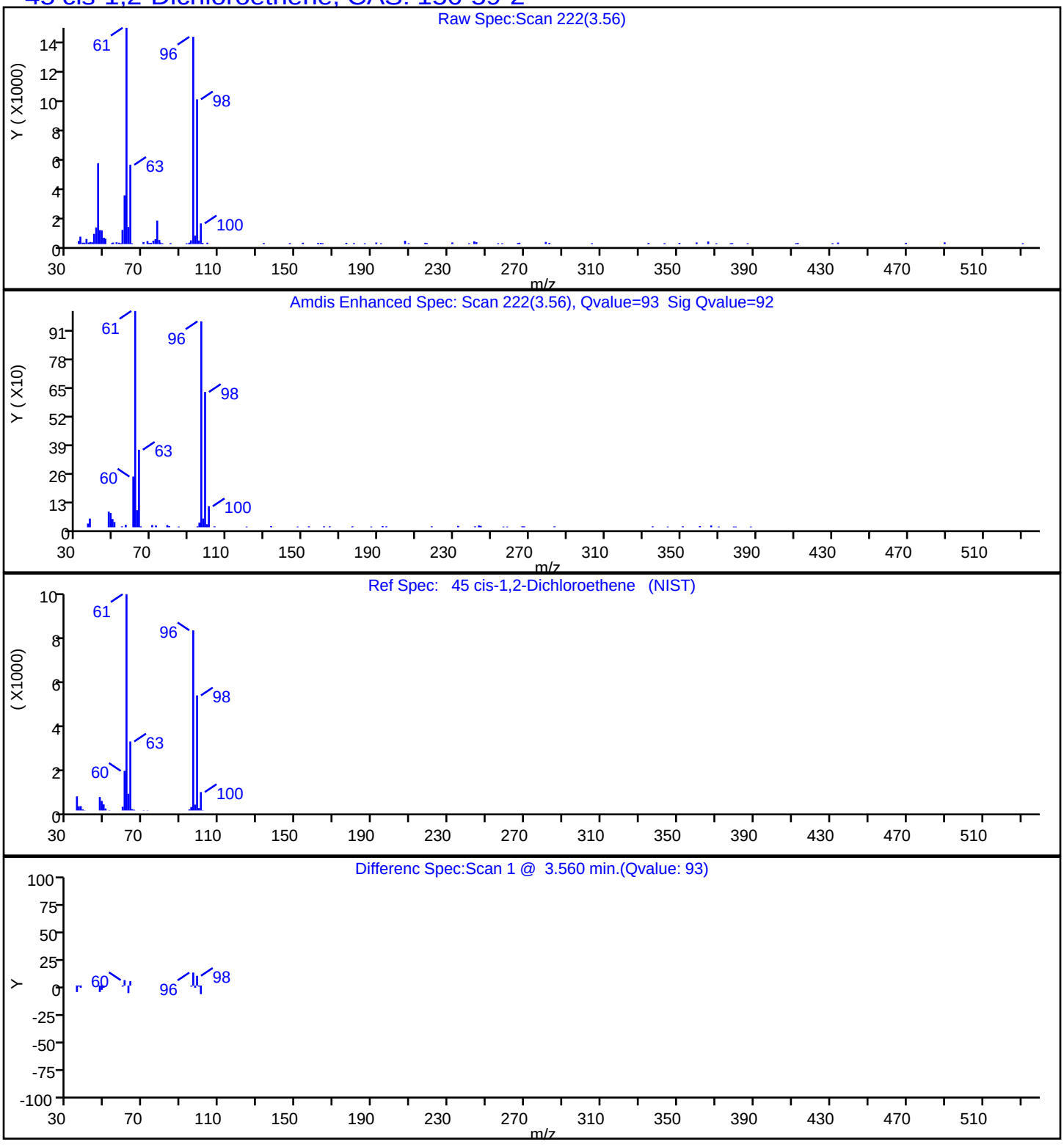
Report Date: 02-Jul-2022 19:24:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date:	02-Jul-2022 00:46:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-2	Lab Sample ID:	460-261101-2		
Client ID:	MW-4_20220623				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



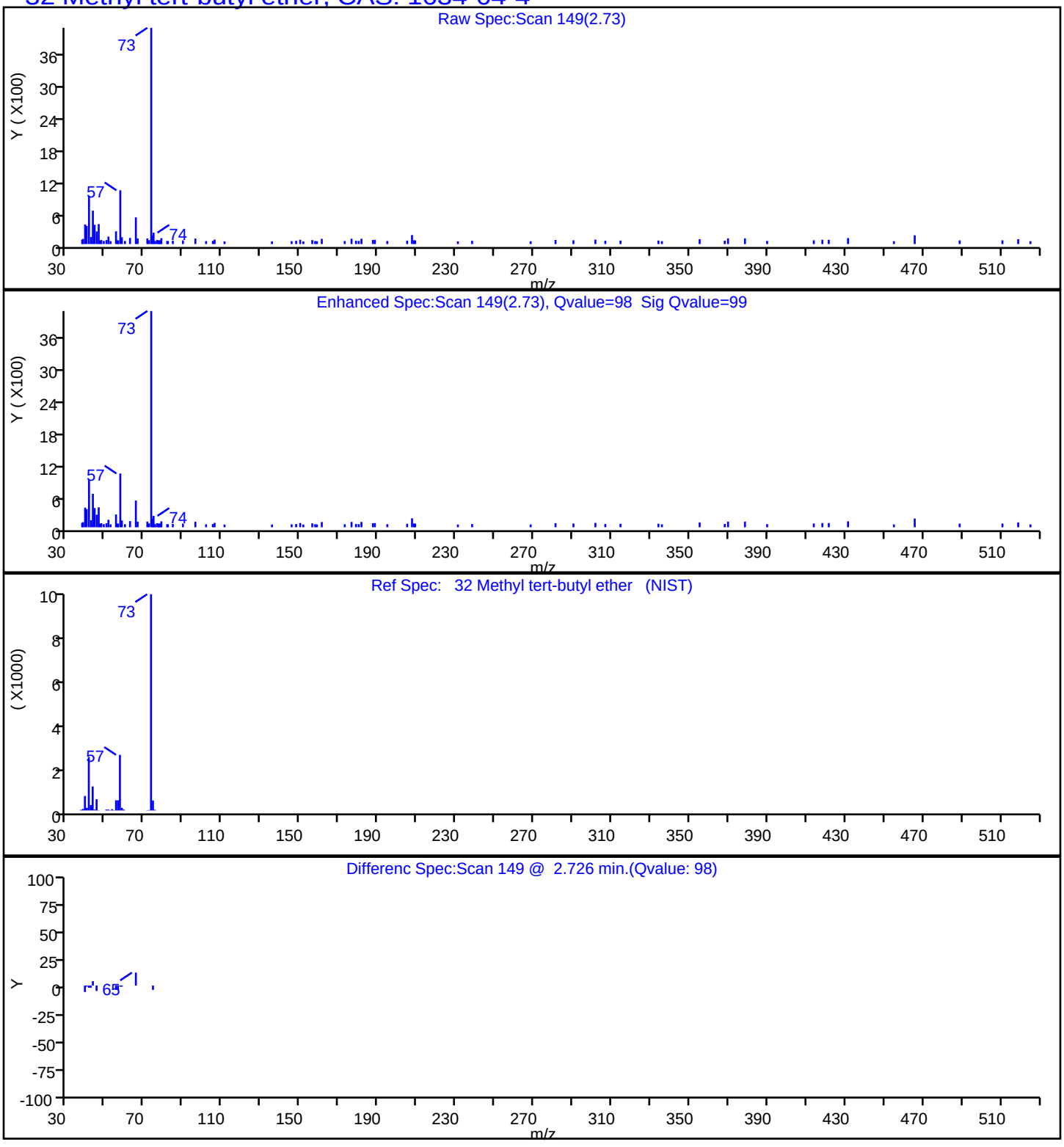
Report Date: 02-Jul-2022 19:24:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date:	02-Jul-2022 00:46:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-2	Lab Sample ID:	460-261101-2		
Client ID:	MW-4_20220623				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



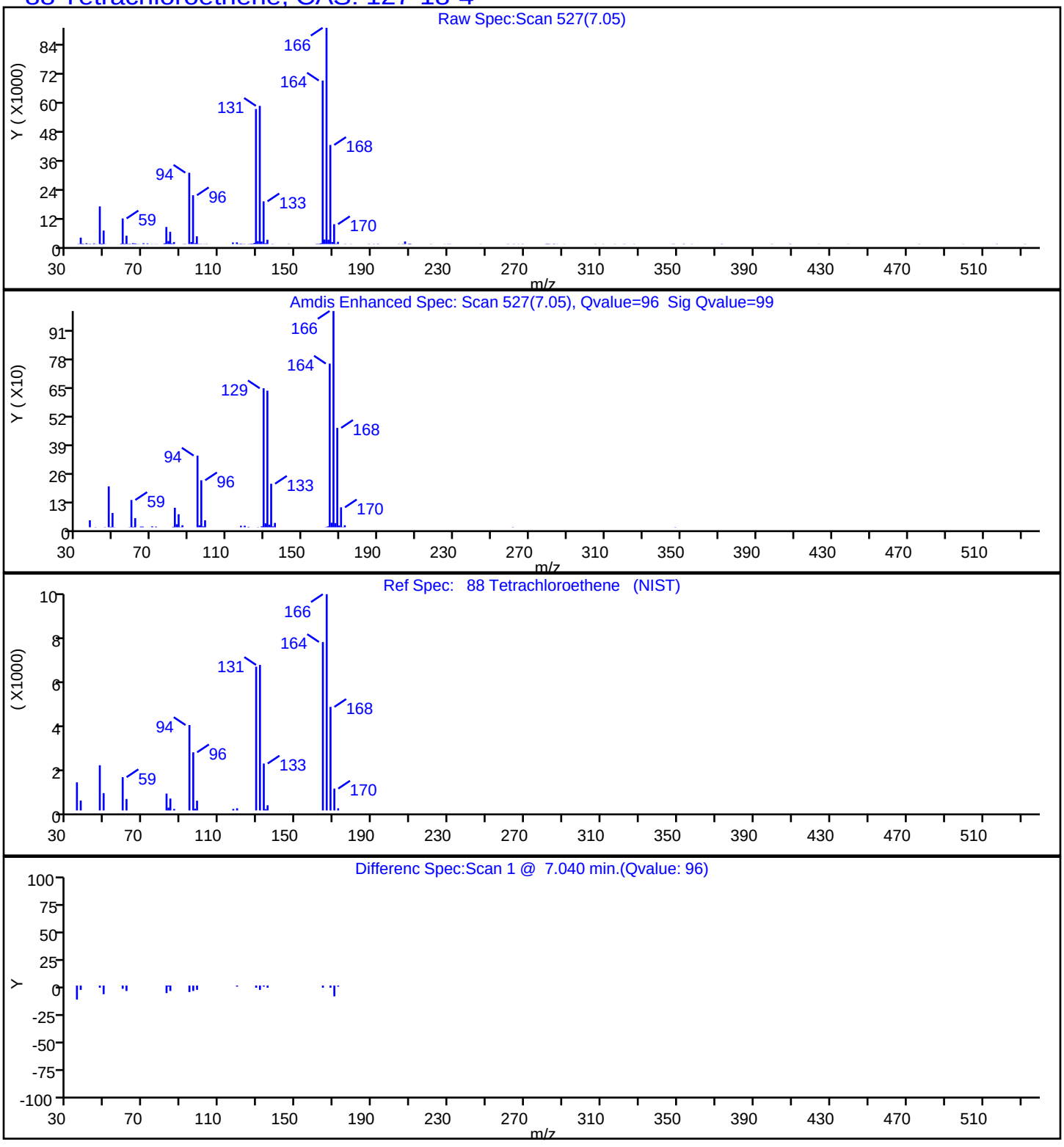
Report Date: 02-Jul-2022 19:24:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date:	02-Jul-2022 00:46:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-2	Lab Sample ID:	460-261101-2		
Client ID:	MW-4_20220623				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



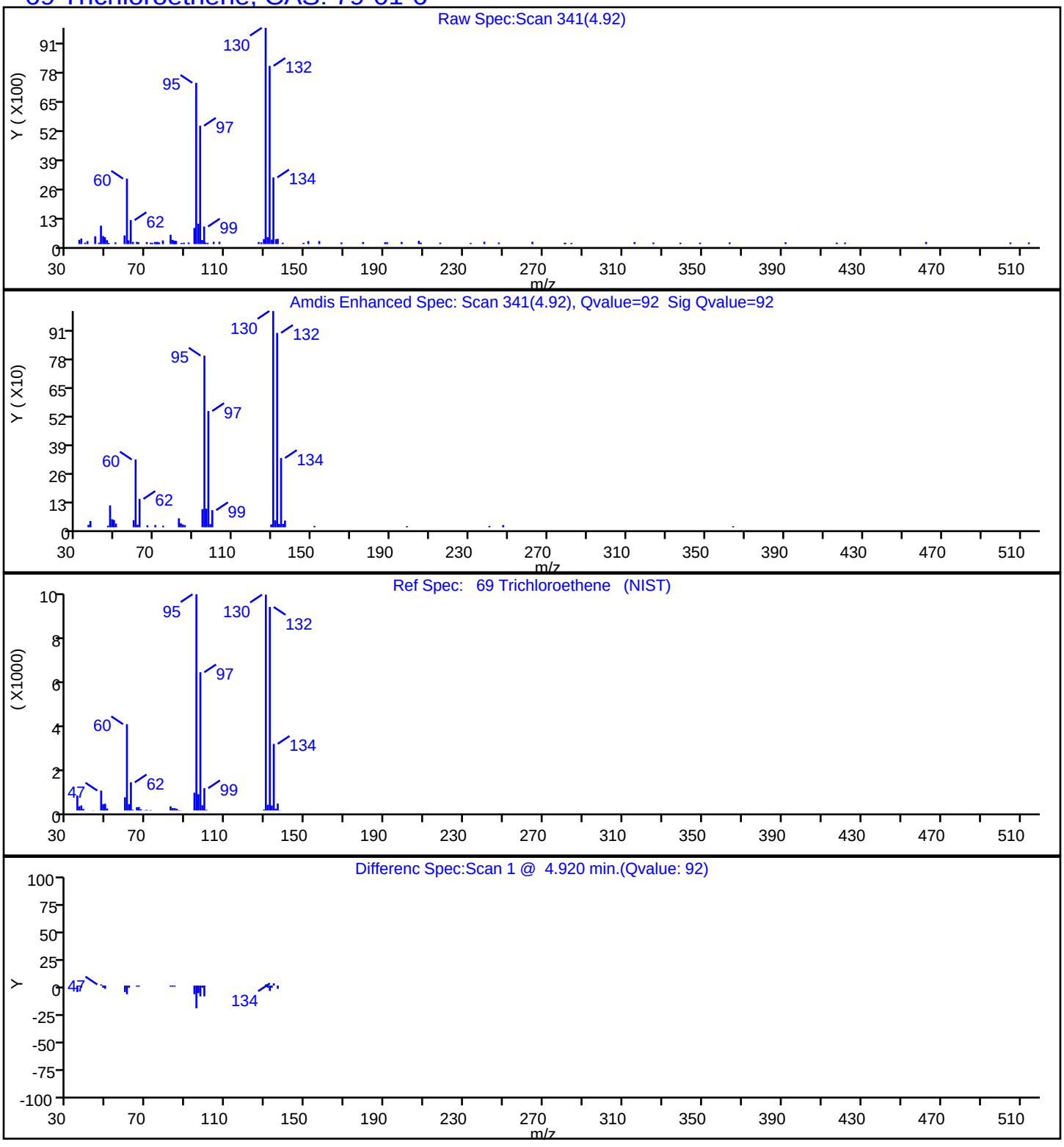
Report Date: 02-Jul-2022 19:24:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date:	02-Jul-2022 00:46:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-2	Lab Sample ID:	460-261101-2		
Client ID:	MW-4_20220623				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



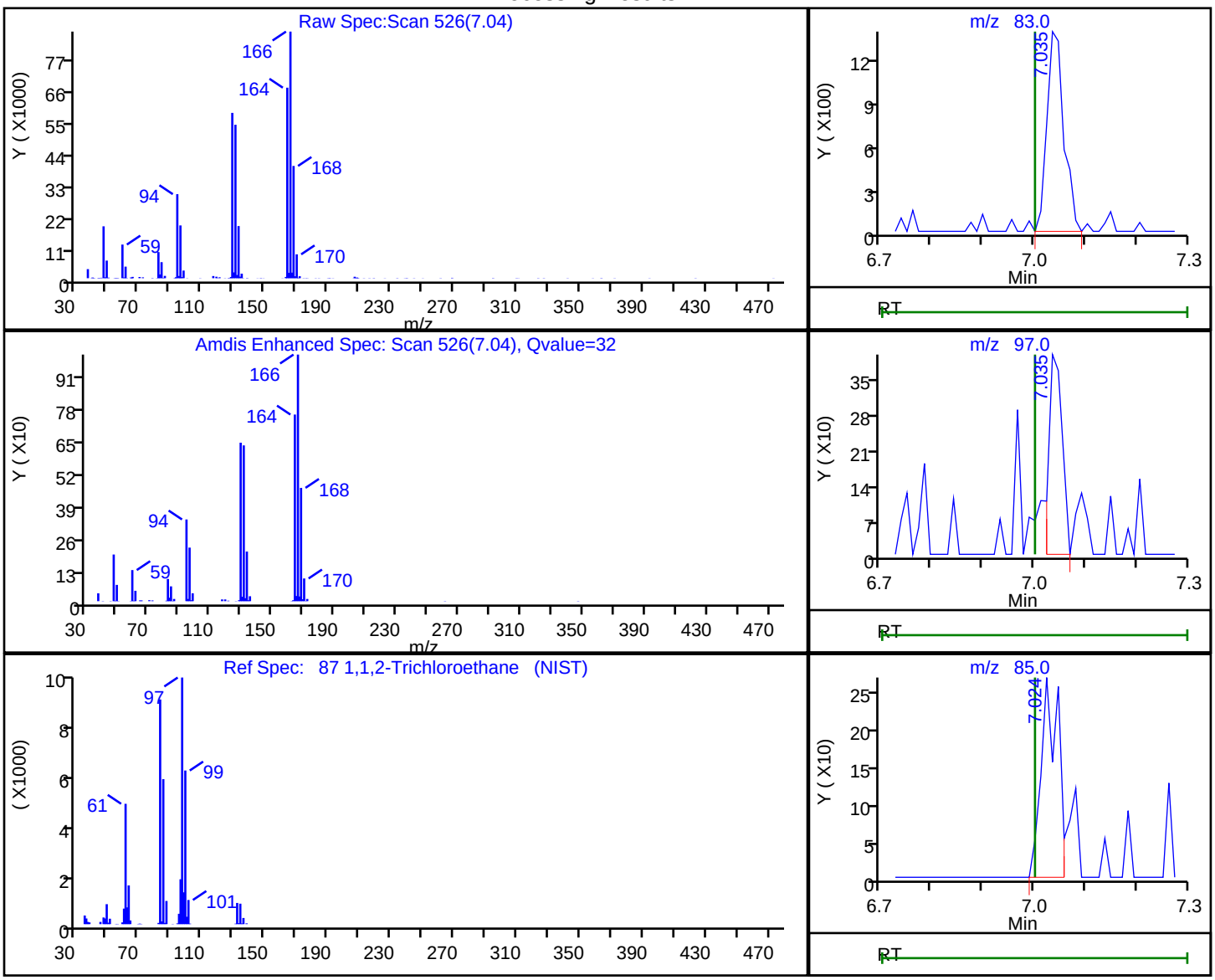
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D		
Injection Date:	02-Jul-2022 00:46:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-2	Lab Sample ID:	460-261101-2
Client ID:	MW-4_20220623		
Operator ID:		ALS Bottle#:	67 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	3050	1.036875
7.04	97.00	721	
7.02	85.00	627	

Reviewer: HVW2, 02-Jul-2022 02:50:55

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

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21638.D

Injection Date: 02-Jul-2022 00:46:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-2 Lab Sample ID: 460-261101-2

Client ID: MW-4_20220623

Operator ID: ALS Bottle#: 67 Worklist Smp#: 18

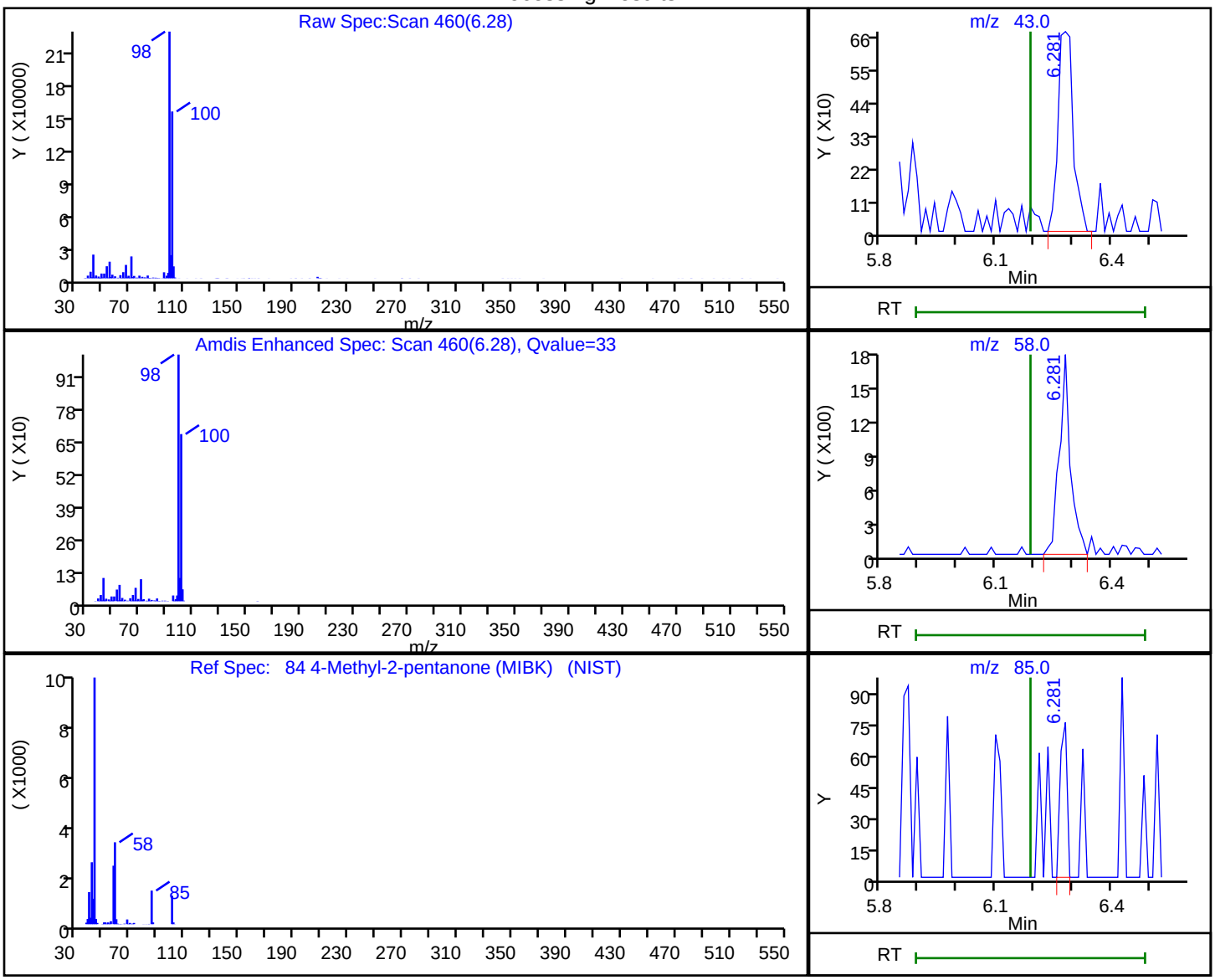
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	1880	0.674541
6.28	58.00	3500	
6.28	85.00	95	
6.28	100.00	329584	

Reviewer: HVW2, 02-Jul-2022 02:50:53

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-6_20220623 | Lab Sample ID: 460-261101-3

Matrix: Water | Lab File ID: V21639.D

Analysis Method: 8260D | Date Collected: 06/23/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.1		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	42		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.3		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-6_20220623 | Lab Sample ID: 460-261101-3

Matrix: Water | Lab File ID: V21639.D

Analysis Method: 8260D | Date Collected: 06/23/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D
Lims ID: 460-261101-A-3
Client ID: MW-6_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 01:08:30 ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-3
Misc. Info.: 460-0147350-019
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:51:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	99	23838	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	145151	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	95	18101	4.08	
51 Chloroform	83	3.812	3.812	0.000	78	1391	0.2255	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	120477	55.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	118782	54.7	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	382535	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	93	12591	3.29	
* 68 1,4-Dioxane-d8	96	5.287	5.286	0.001	83	16403	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	504187	50.9	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	186107	42.3	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	301083	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	153781	57.1	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	163374	50.0	
S 136 1,2-Dichloroethene, Total	100				0		4.08	

QC Flag Legend
Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 19:24:32 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D

Injection Date: 02-Jul-2022 01:08:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-3 Lab Sample ID: 460-261101-3

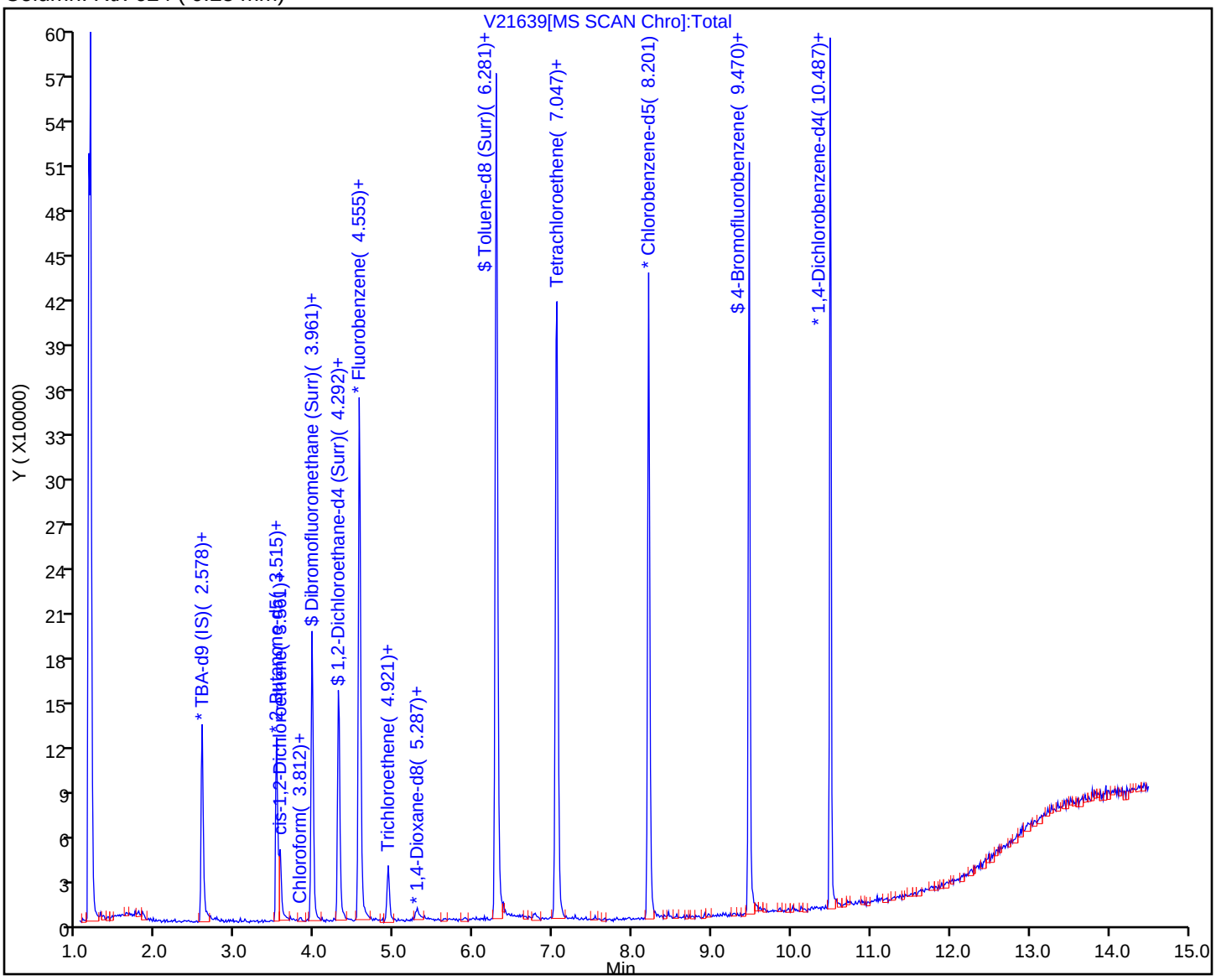
Client ID: MW-6_20220623

Operator ID: ALS Bottle#: 68 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D
Lims ID: 460-261101-A-3
Client ID: MW-6_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 01:08:30 ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-3
Misc. Info.: 460-0147350-019
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:51:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.7	111.32
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.31
$ 82 Toluene-d8 (Surr)	50.0	50.9	101.72
$ 105 4-Bromofluorobenzene	50.0	57.1	114.19

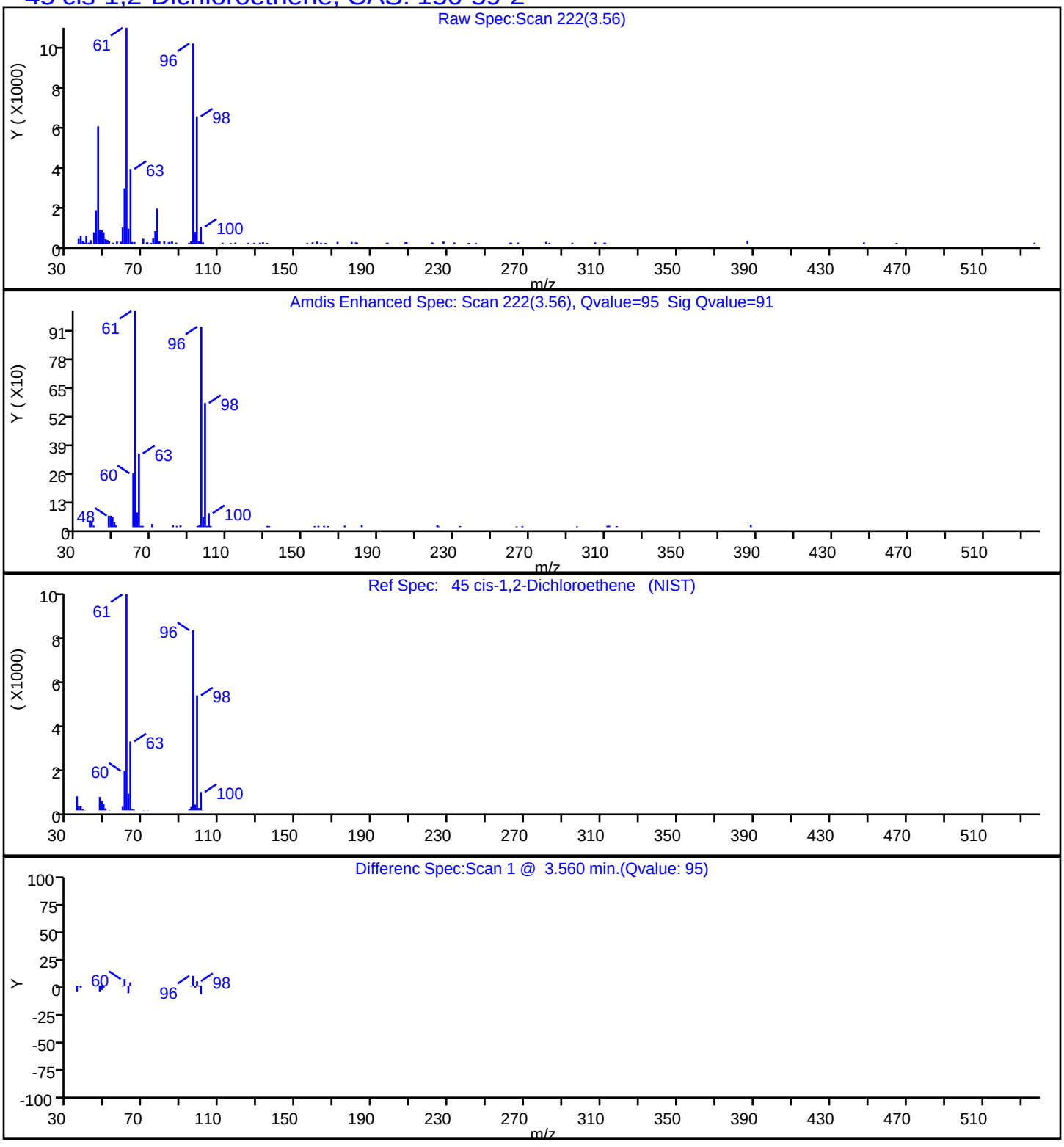
Report Date: 02-Jul-2022 19:24:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D

Injection Date:	02-Jul-2022 01:08:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-3	Lab Sample ID:	460-261101-3		
Client ID:	MW-6_20220623				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



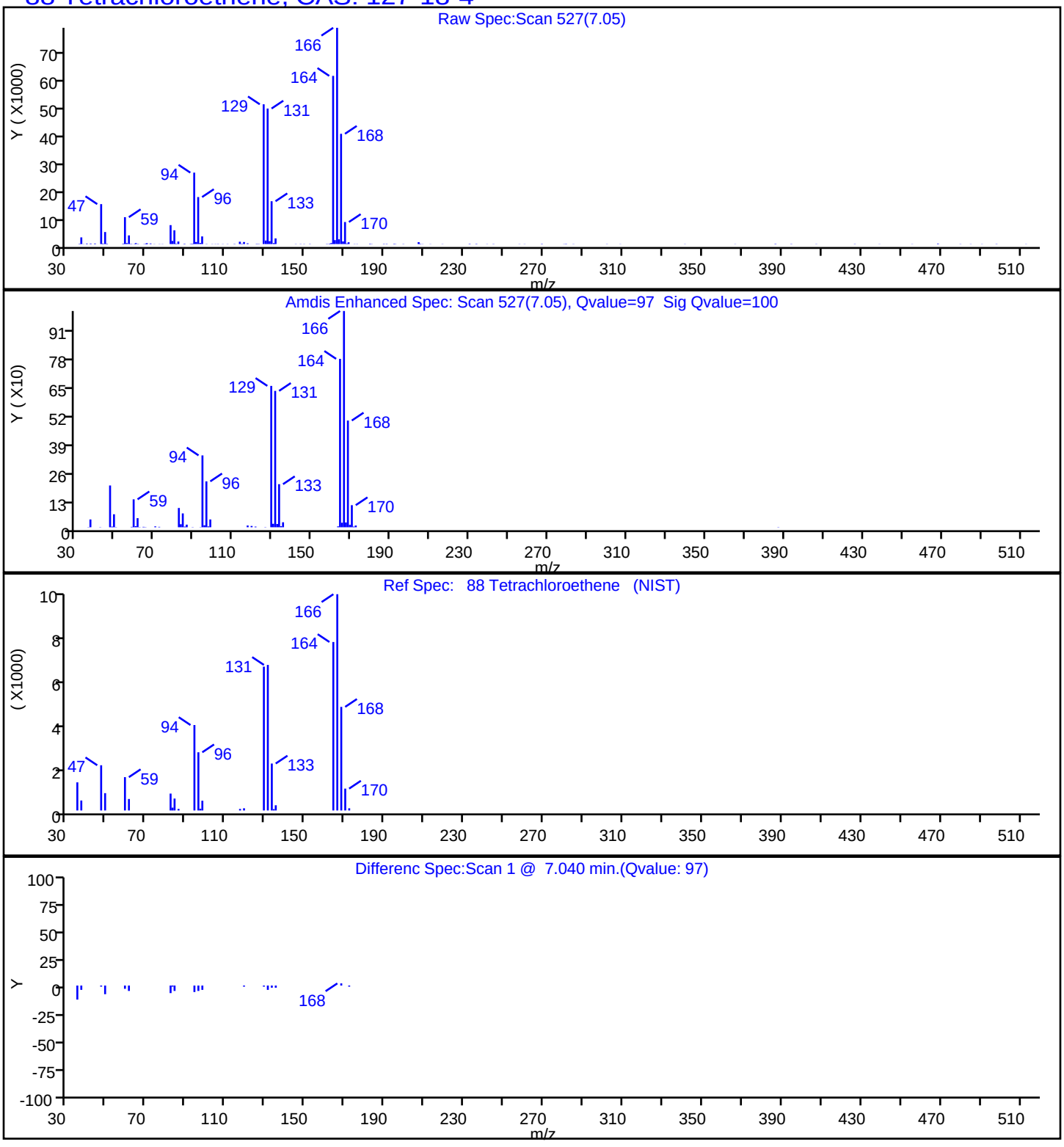
Report Date: 02-Jul-2022 19:24:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D

Injection Date:	02-Jul-2022 01:08:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-3	Lab Sample ID:	460-261101-3
Client ID:	MW-6_20220623		
Operator ID:		ALS Bottle#:	68 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



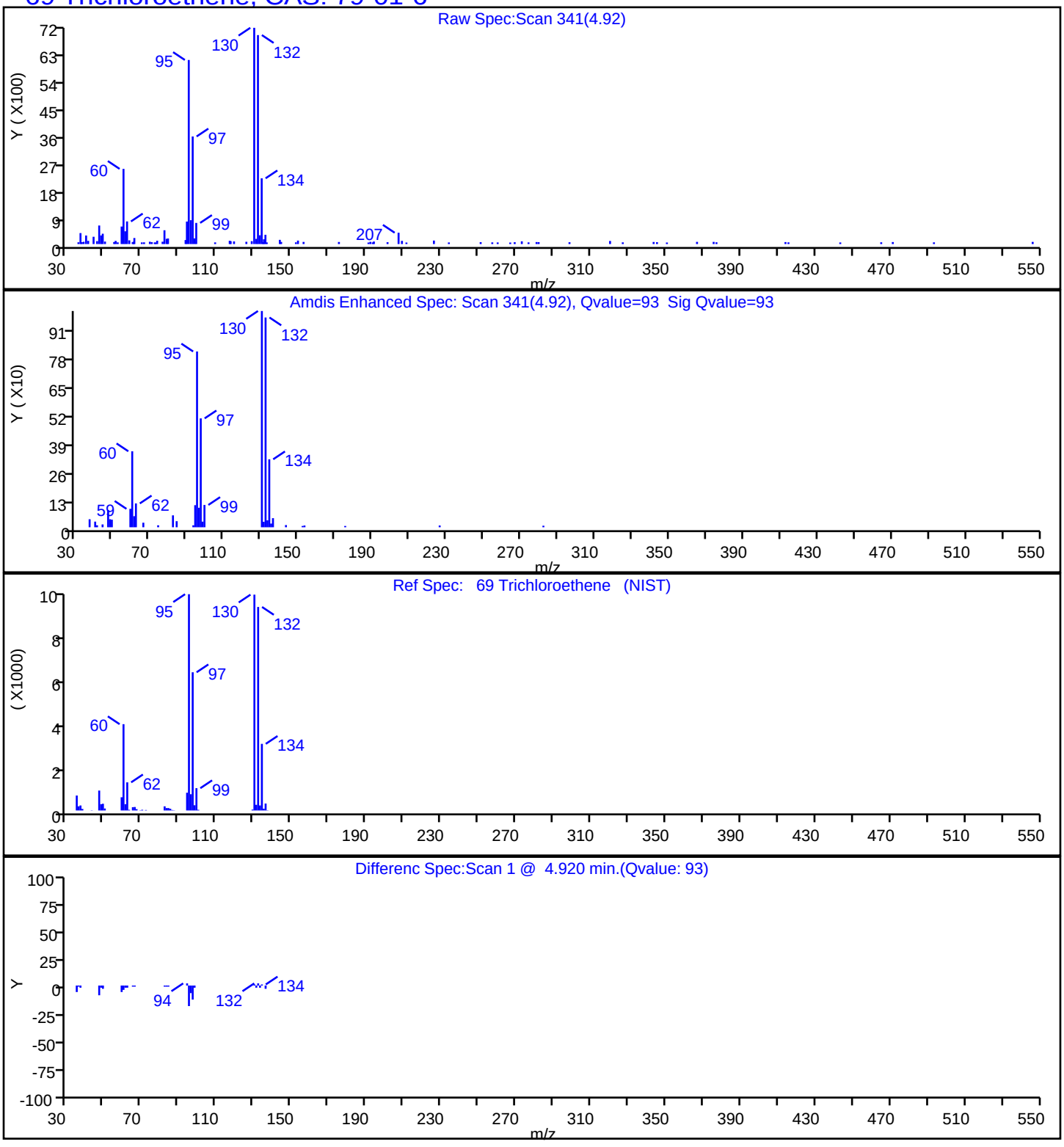
Report Date: 02-Jul-2022 19:24:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D

Injection Date:	02-Jul-2022 01:08:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-3	Lab Sample ID:	460-261101-3
Client ID:	MW-6_20220623		
Operator ID:		ALS Bottle#:	68 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



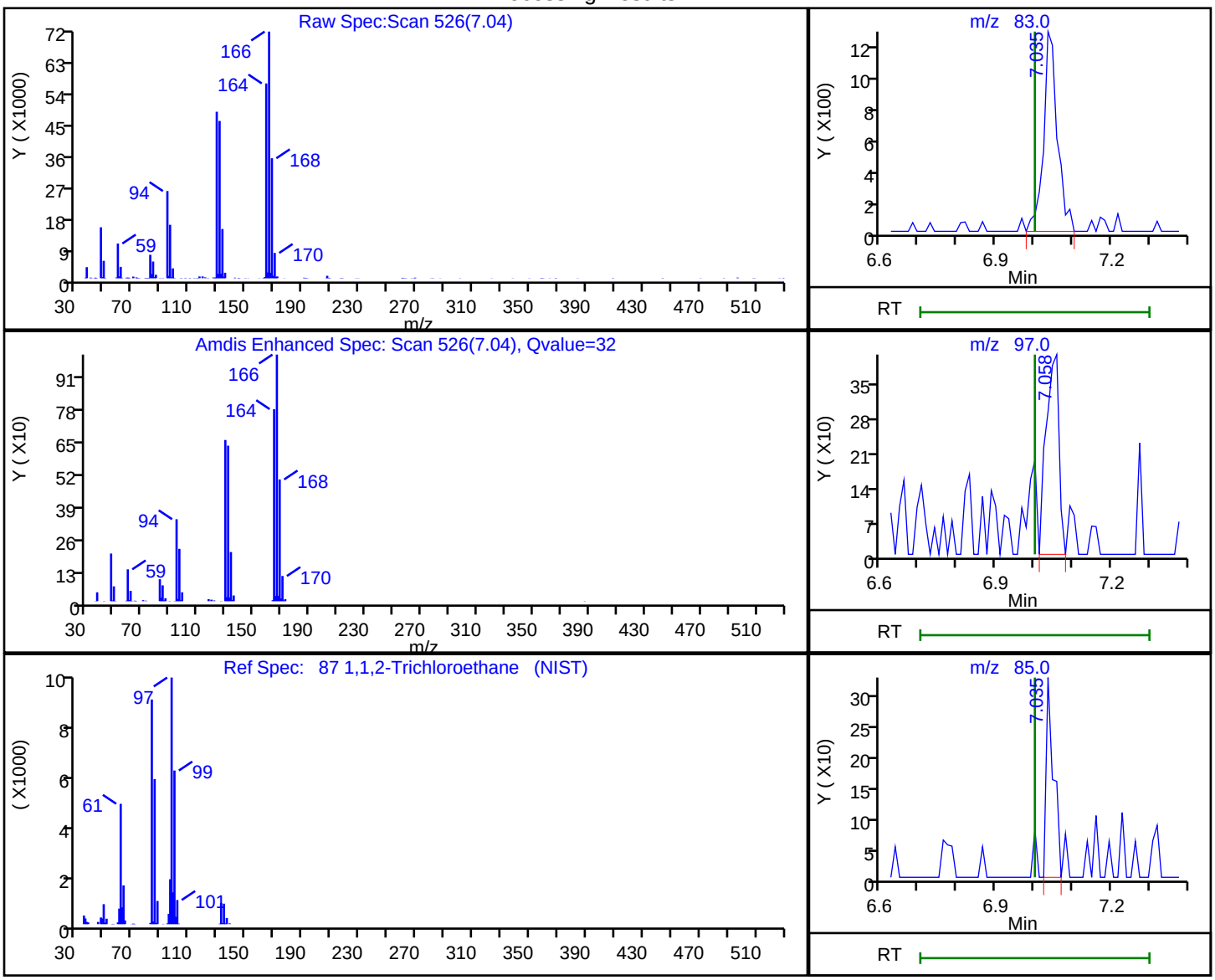
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21639.D				
Injection Date:	02-Jul-2022 01:08:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-3	Lab Sample ID:	460-261101-3		
Client ID:	MW-6_20220623				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	3054	1.032983
7.06	97.00	946	
7.04	85.00	442	

Reviewer: HVW2, 02-Jul-2022 02:51:09

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-7_20220624 | Lab Sample ID: 460-261101-4

Matrix: Water | Lab File ID: V21640.D

Analysis Method: 8260D | Date Collected: 06/24/2022 08:55

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	7.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	48		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	5.0		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-7_20220624 | Lab Sample ID: 460-261101-4

Matrix: Water | Lab File ID: V21640.D

Analysis Method: 8260D | Date Collected: 06/24/2022 08:55

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D
Lims ID: 460-261101-A-4
Client ID: MW-7_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 01:29:30 ALS Bottle#: 69 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-4
Misc. Info.: 460-0147350-020
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	99	23367	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	99	138938	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	91	31402	7.48	
51 Chloroform	83	3.812	3.812	0.000	46	1324	0.2270	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	114600	56.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	97	112923	55.0	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	361650	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	18240	5.04	
* 68 1,4-Dioxane-d8	96	5.287	5.286	0.001	84	15267	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	491807	50.8	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	204378	47.5	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	293949	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	146966	55.9	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	153520	50.0	
S 136 1,2-Dichloroethene, Total	100				0		7.48	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:24:52 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D

Injection Date: 02-Jul-2022 01:29:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-4 Lab Sample ID: 460-261101-4

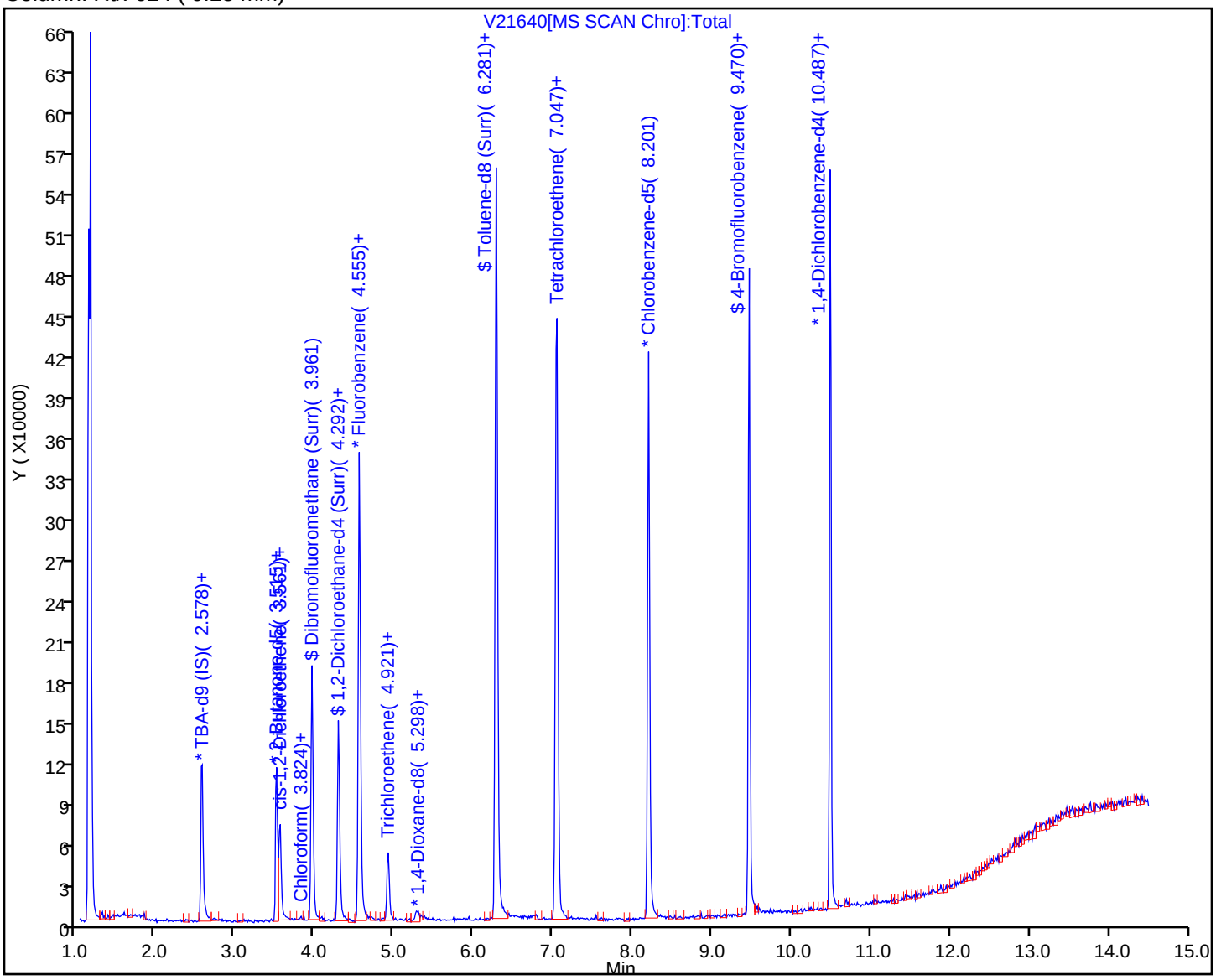
Client ID: MW-7_20220624

Operator ID: ALS Bottle#: 69 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D
Lims ID: 460-261101-A-4
Client ID: MW-7_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 01:29:30 ALS Bottle#: 69 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-4
Misc. Info.: 460-0147350-020
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	56.0	112.01
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.0	109.92
$ 82 Toluene-d8 (Surr)	50.0	50.8	101.63
$ 105 4-Bromofluorobenzene	50.0	55.9	111.78

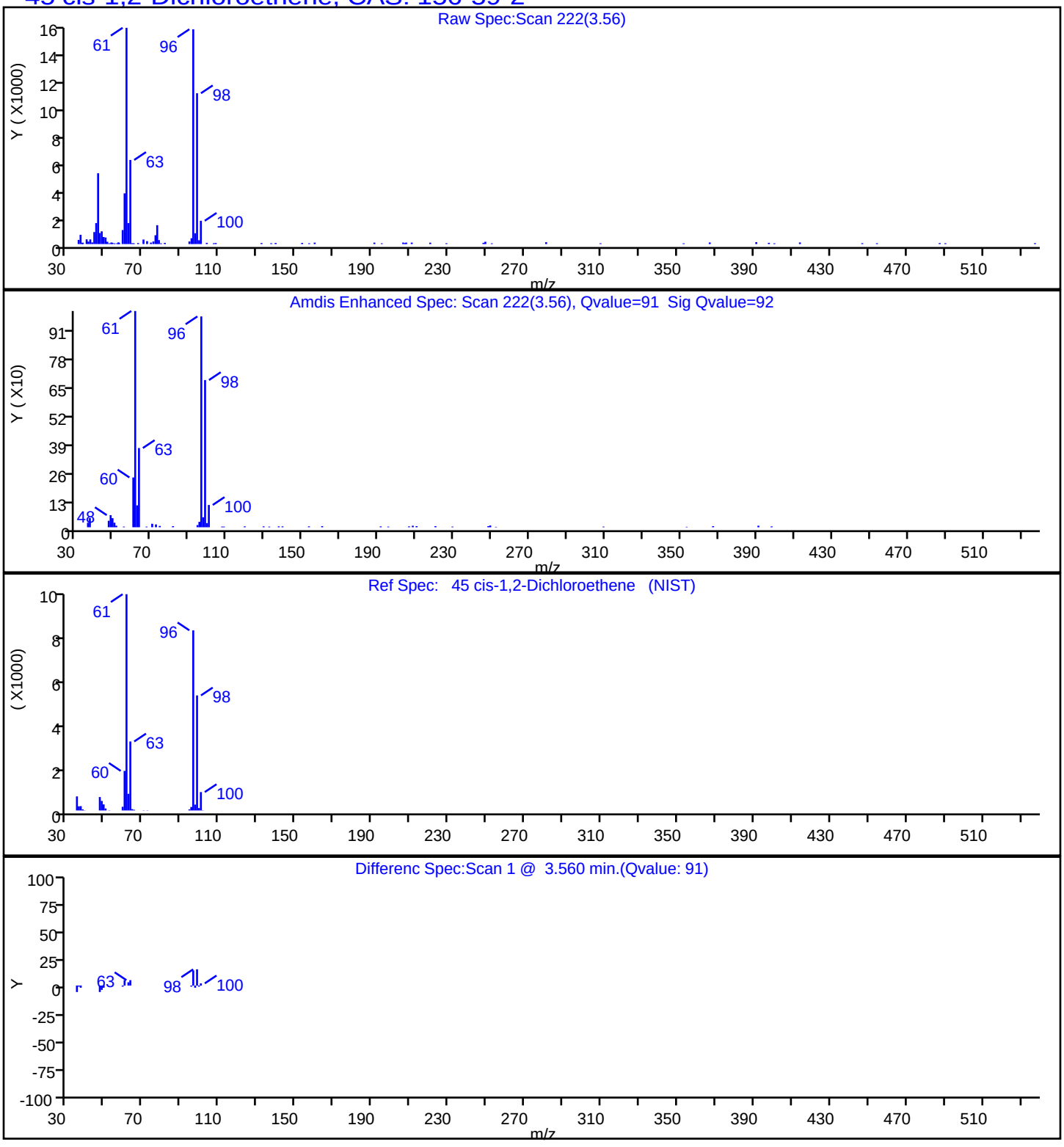
Report Date: 02-Jul-2022 19:24:52 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D

Injection Date:	02-Jul-2022 01:29:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-4	Lab Sample ID:	460-261101-4		
Client ID:	MW-7_20220624				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



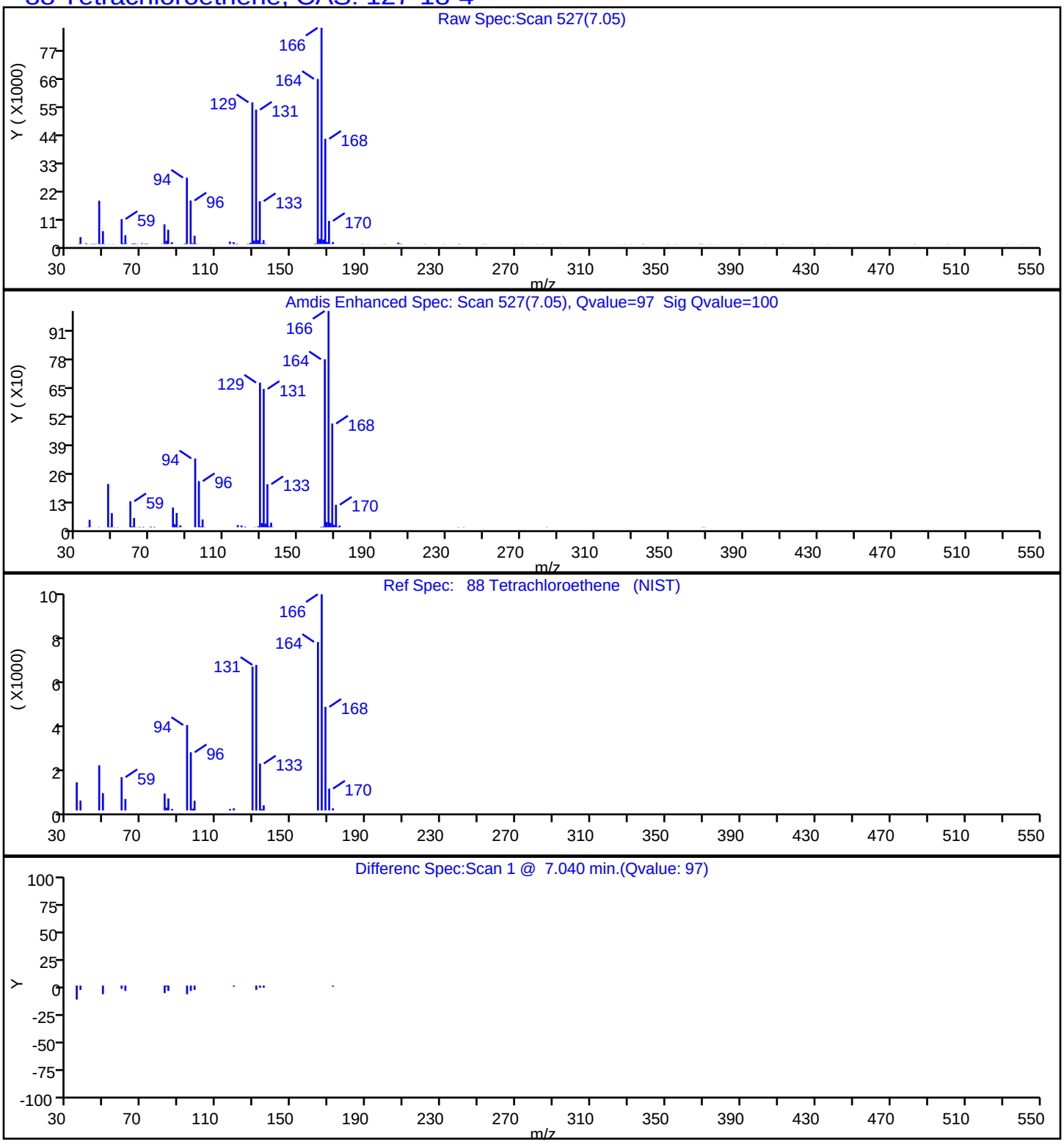
Report Date: 02-Jul-2022 19:24:52 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D

Injection Date:	02-Jul-2022 01:29:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-4	Lab Sample ID:	460-261101-4		
Client ID:	MW-7_20220624				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



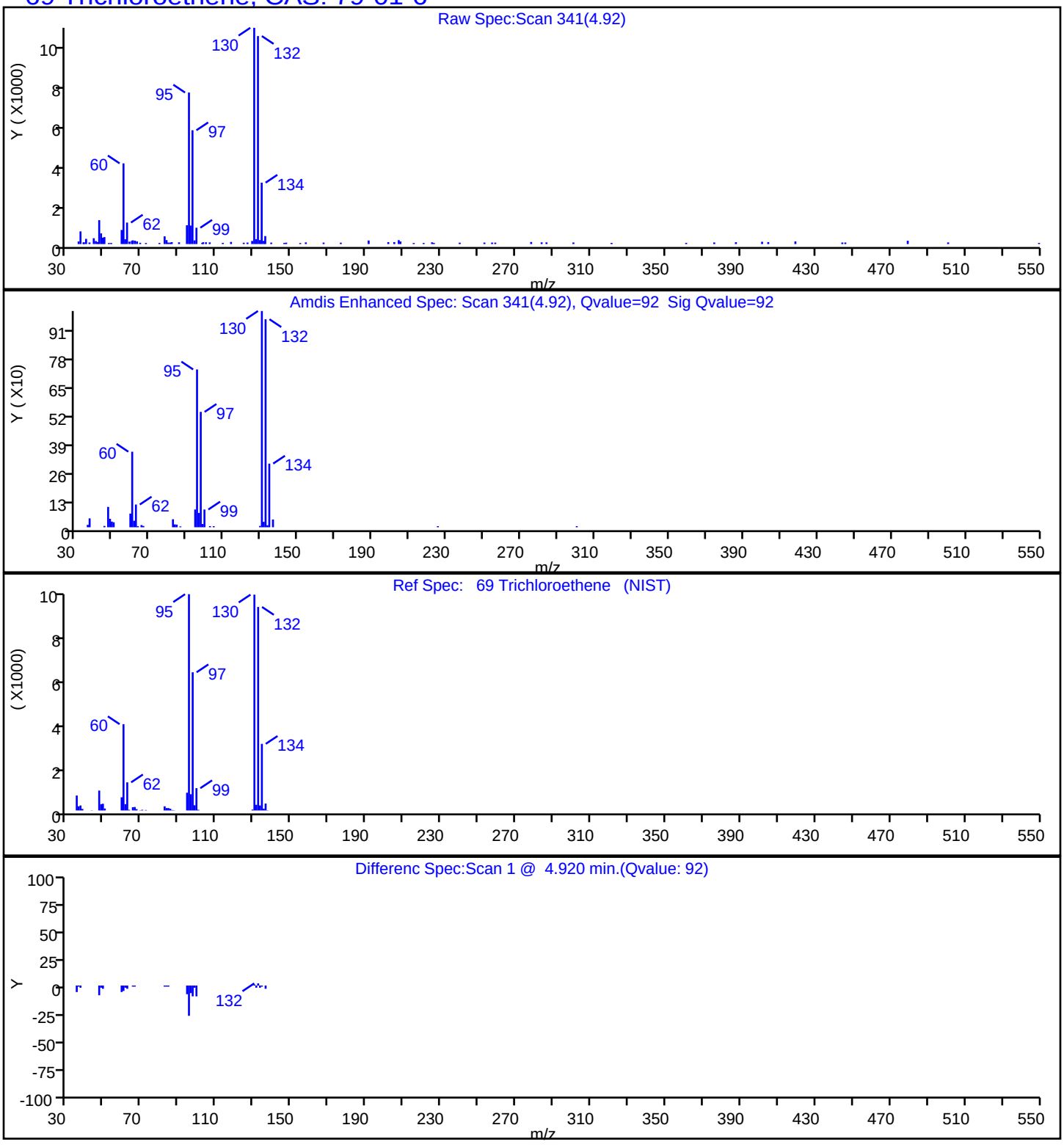
Report Date: 02-Jul-2022 19:24:52 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D

Injection Date:	02-Jul-2022 01:29:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-4	Lab Sample ID:	460-261101-4		
Client ID:	MW-7_20220624				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



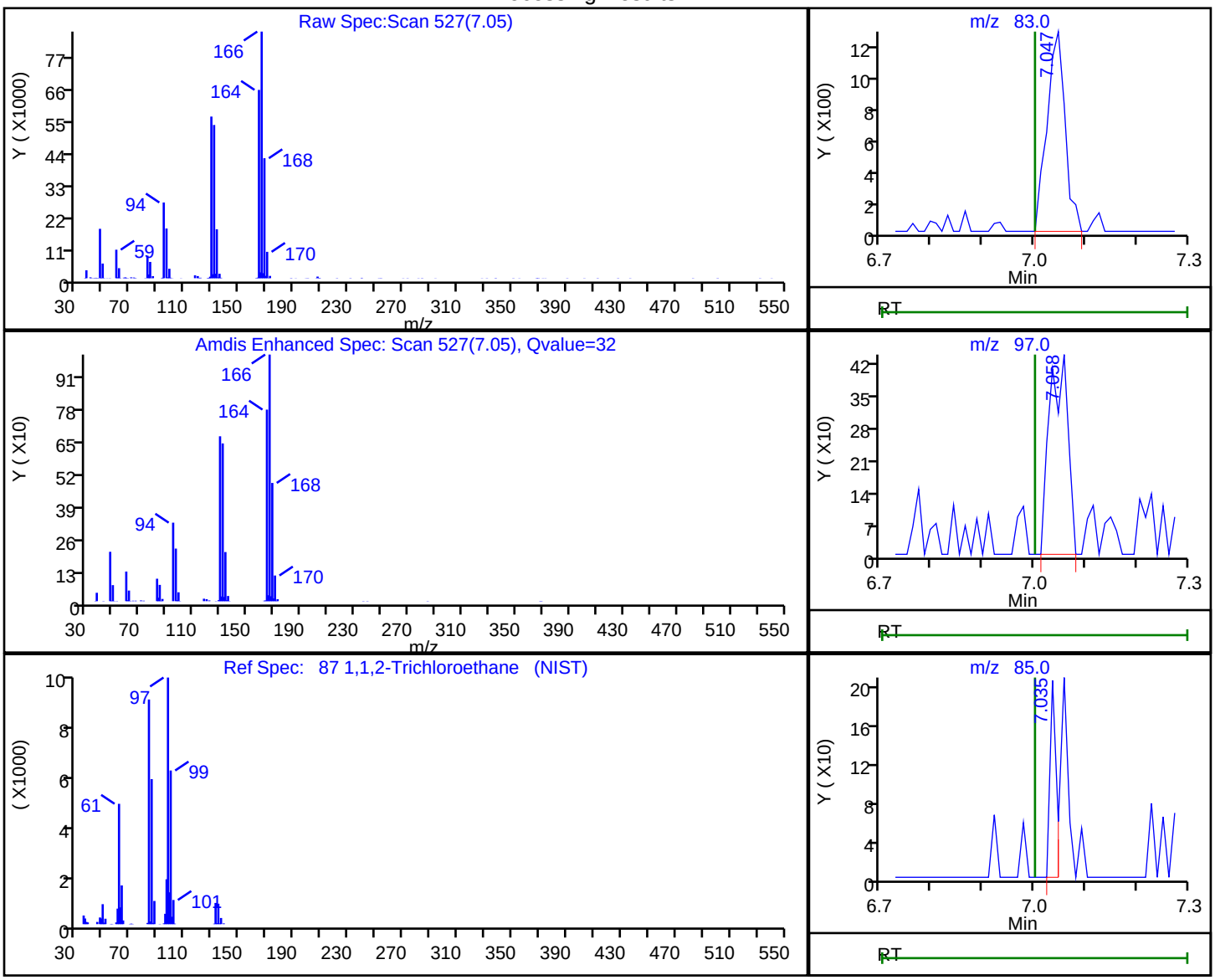
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21640.D				
Injection Date:	02-Jul-2022 01:29:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-4	Lab Sample ID:	460-261101-4		
Client ID:	MW-7_20220624				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	3187	1.104131
7.06	97.00	1088	
7.04	85.00	180	

Reviewer: HVW2, 02-Jul-2022 02:52:02

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-8_20220624 | Lab Sample ID: 460-261101-5

Matrix: Water | Lab File ID: V21641.D

Analysis Method: 8260D | Date Collected: 06/24/2022 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	40		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.3		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-8_20220624 | Lab Sample ID: 460-261101-5

Matrix: Water | Lab File ID: V21641.D

Analysis Method: 8260D | Date Collected: 06/24/2022 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D
Lims ID: 460-261101-A-5
Client ID: MW-8_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 01:50:30 ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-5
Misc. Info.: 460-0147350-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	19934	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	121388	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	91	18651	4.48	
51 Chloroform	83	3.824	3.812	0.012	59	1945	0.3365	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	106961	52.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	99279	48.8	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	358441	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	91	11910	3.32	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	91	14671	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	457292	48.9	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	165225	39.8	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	284186	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	135398	53.3	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	146442	50.0	
S 136 1,2-Dichloroethene, Total	100				0		4.48	

QC Flag Legend
Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 19:25:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D

Injection Date: 02-Jul-2022 01:50:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-5 Lab Sample ID: 460-261101-5

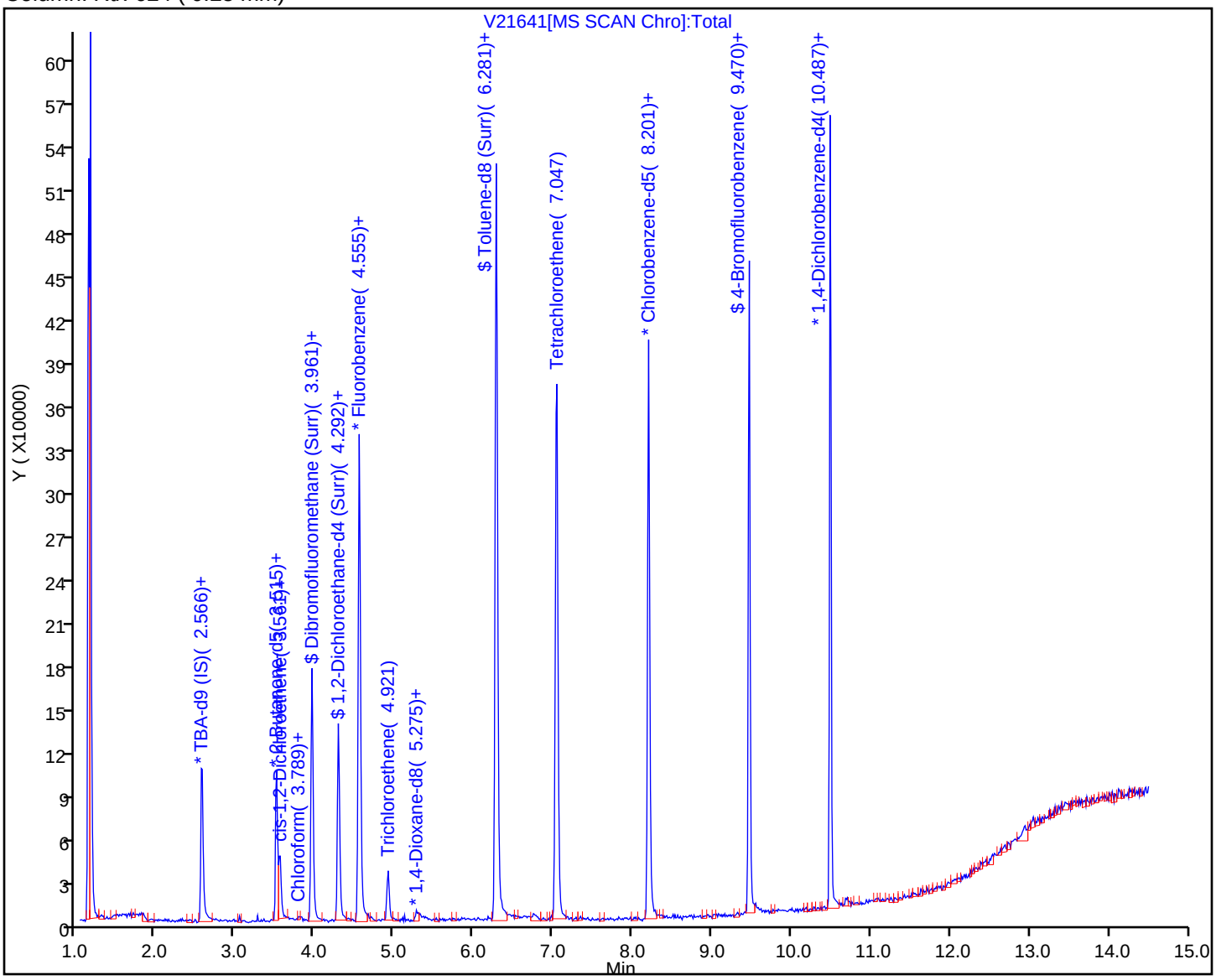
Client ID: MW-8_20220624

Operator ID: ALS Bottle#: 70 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D
Lims ID: 460-261101-A-5
Client ID: MW-8_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 01:50:30 ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-5
Misc. Info.: 460-0147350-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.7	105.48
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.8	97.50
$ 82 Toluene-d8 (Surr)	50.0	48.9	97.75
$ 105 4-Bromofluorobenzene	50.0	53.3	106.52

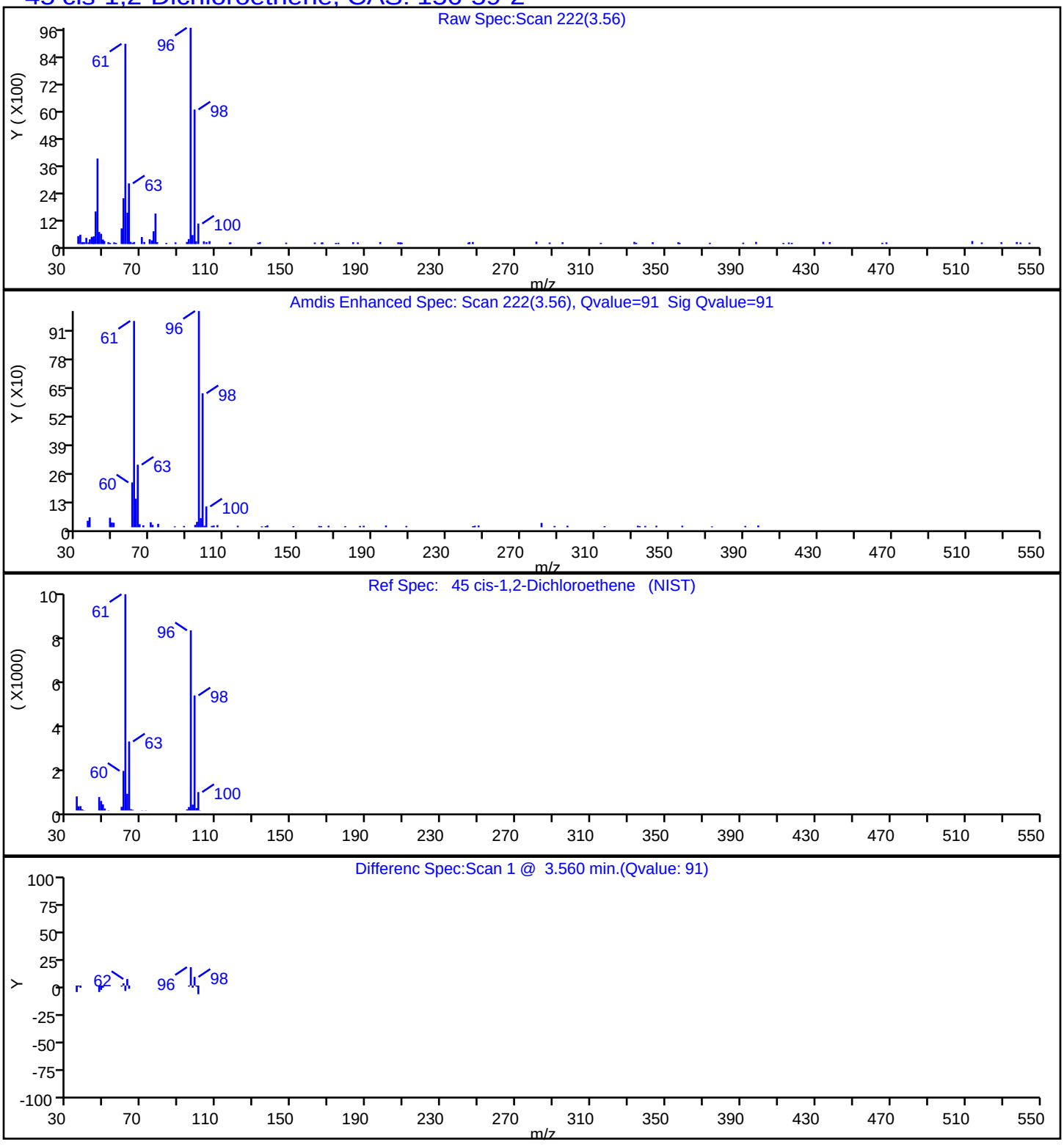
Report Date: 02-Jul-2022 19:25:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D

Injection Date:	02-Jul-2022 01:50:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-5	Lab Sample ID:	460-261101-5
Client ID:	MW-8_20220624		
Operator ID:		ALS Bottle#:	70 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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



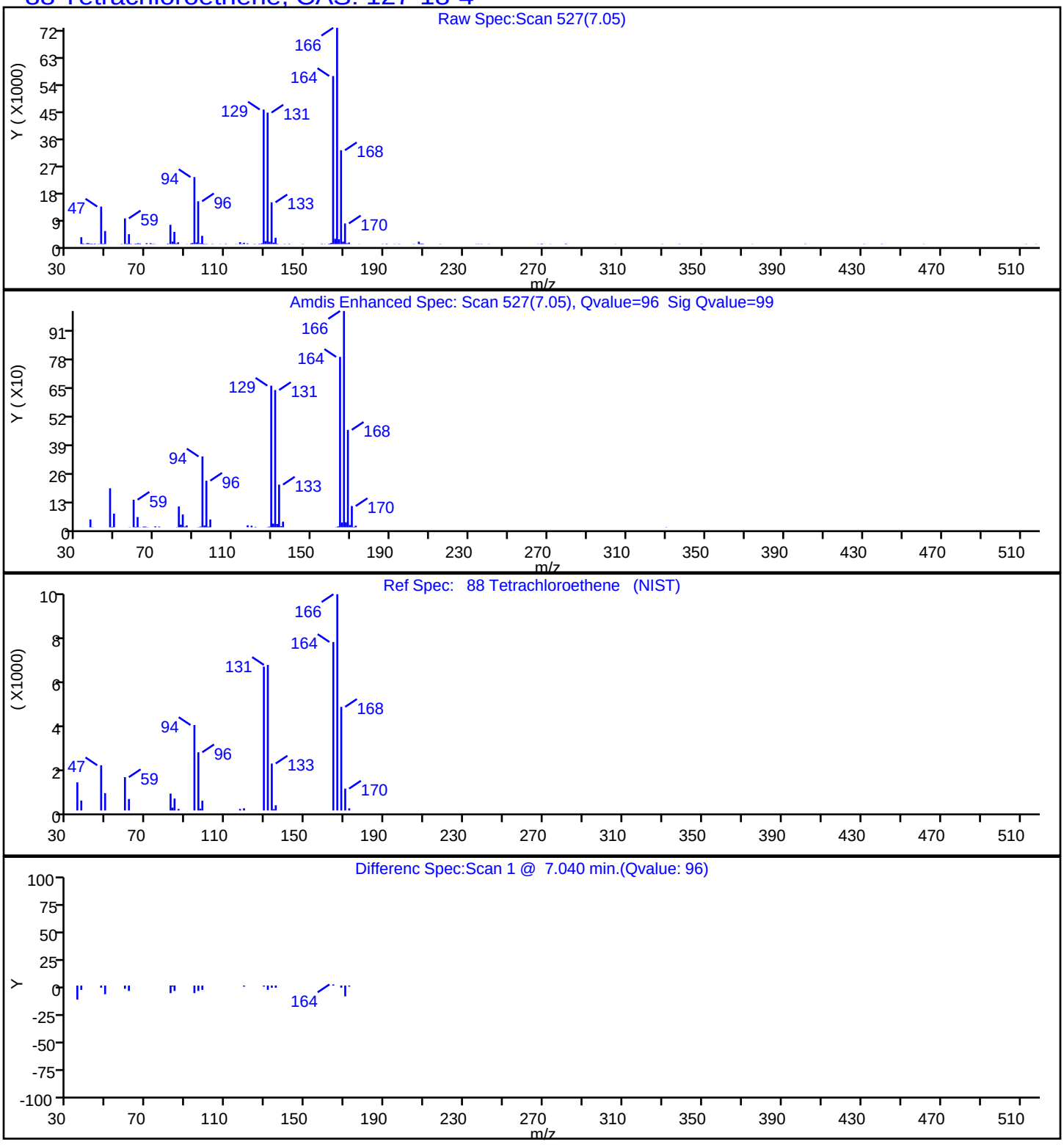
Report Date: 02-Jul-2022 19:25:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D

Injection Date:	02-Jul-2022 01:50:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-5	Lab Sample ID:	460-261101-5
Client ID:	MW-8_20220624		
Operator ID:		ALS Bottle#:	70 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4

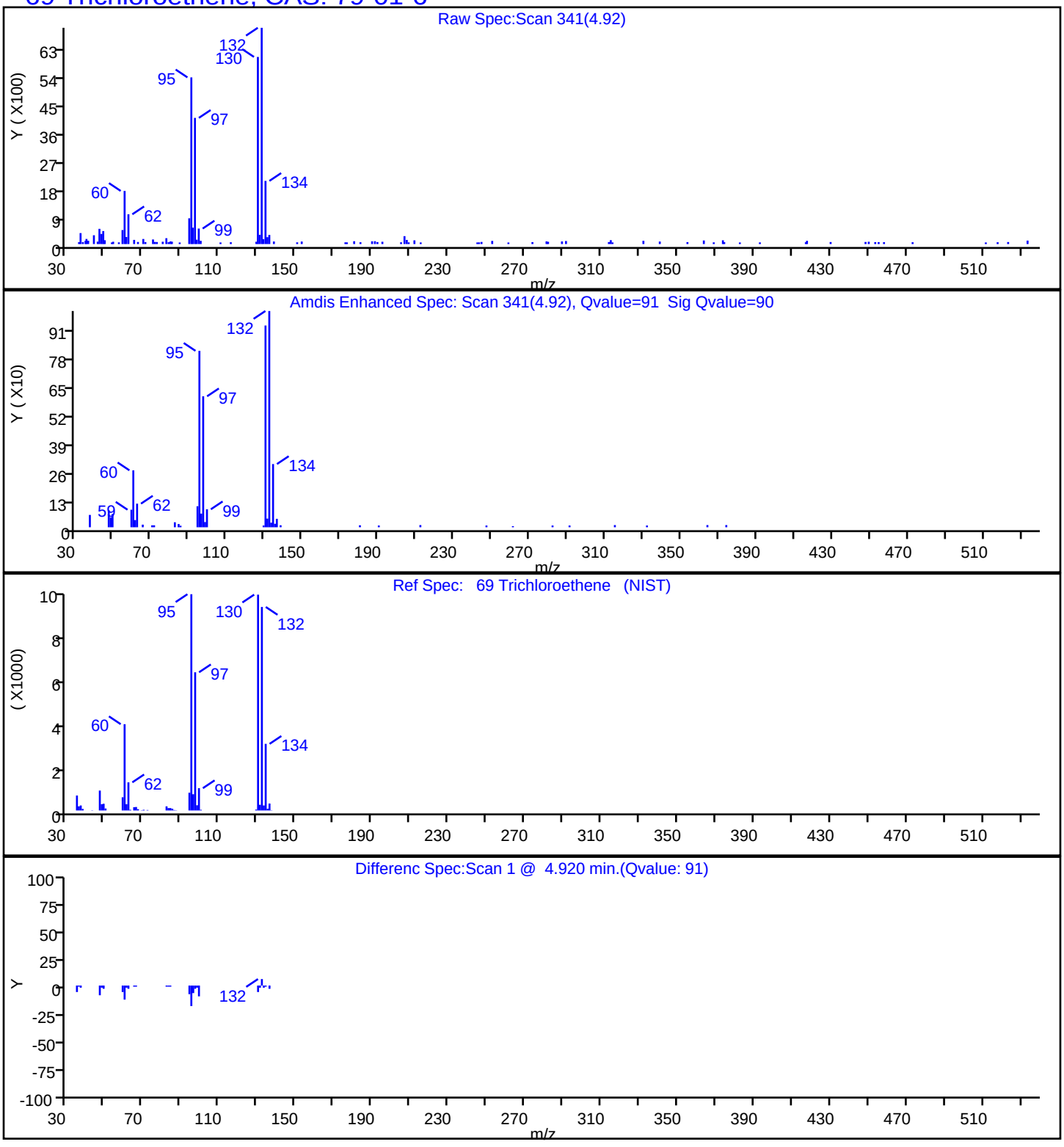


Report Date: 02-Jul-2022 19:25:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D				
Injection Date:	02-Jul-2022 01:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-5	Lab Sample ID:	460-261101-5		
Client ID:	MW-8_20220624				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



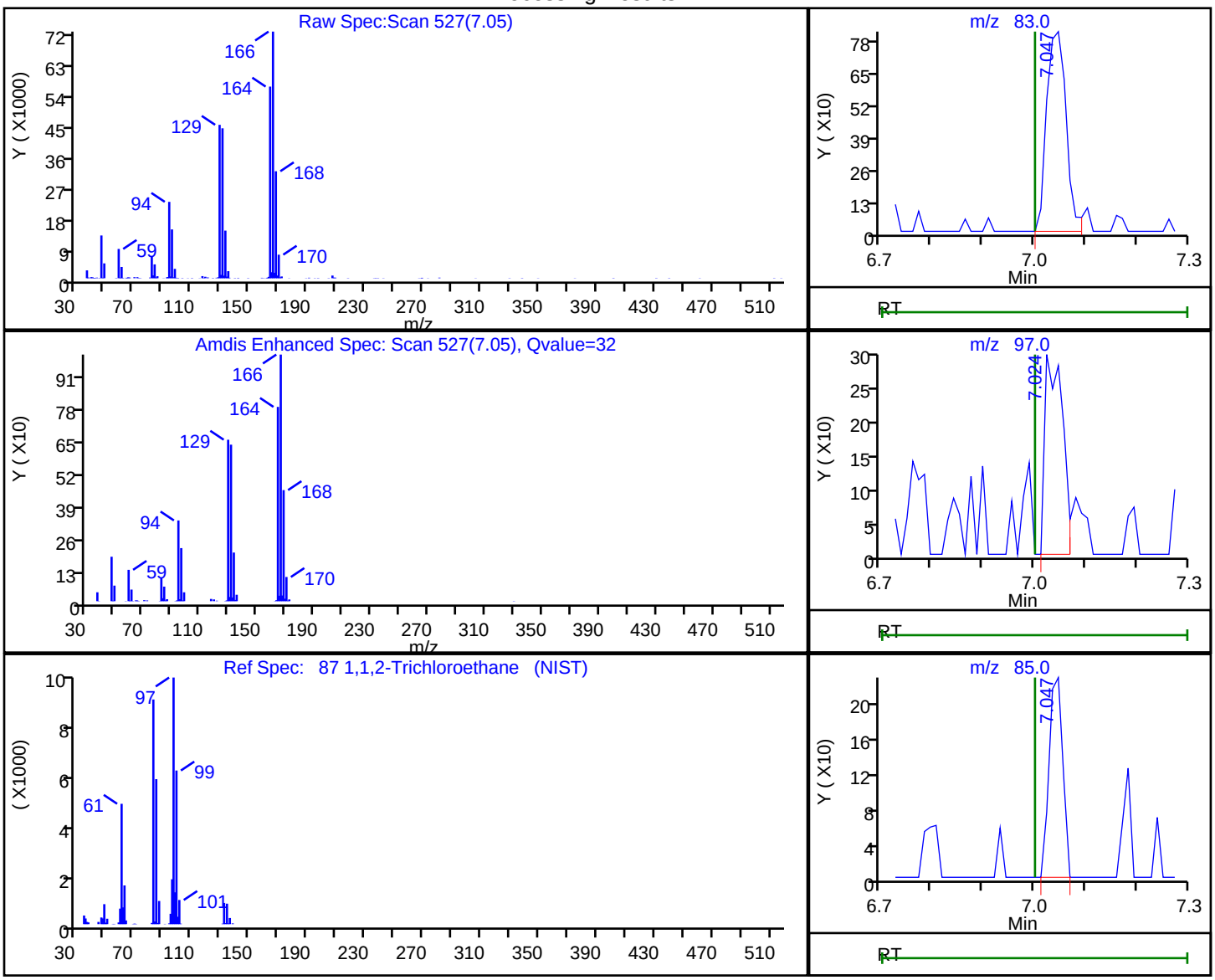
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D		
Injection Date:	02-Jul-2022 01:50:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-5	Lab Sample ID:	460-261101-5
Client ID:	MW-8_20220624		
Operator ID:		ALS Bottle#:	70 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	2174	0.779054
7.02	97.00	715	
7.05	85.00	425	

Reviewer: HVW2, 02-Jul-2022 02:52:24

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

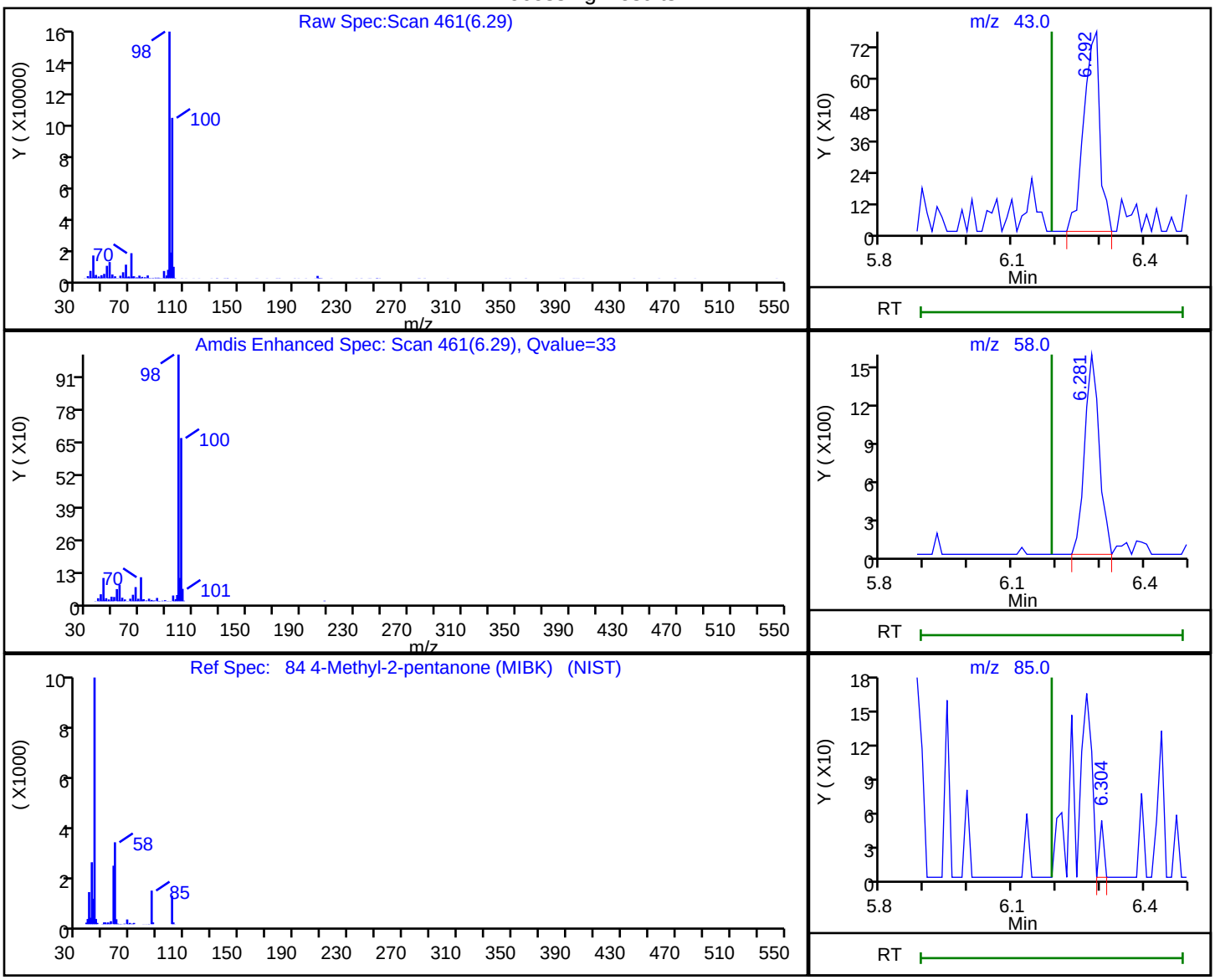
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21641.D				
Injection Date:	02-Jul-2022 01:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-5	Lab Sample ID:	460-261101-5		
Client ID:	MW-8_20220624				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.29	43.00	1974	0.826346
6.28	58.00	3585	
6.30	85.00	34	
6.28	100.00	306777	

Reviewer: HVW2, 02-Jul-2022 02:52:21

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-11_20220624 | Lab Sample ID: 460-261101-6

Matrix: Water | Lab File ID: V21642.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	11		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	86		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	7.2		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-11_20220624 | Lab Sample ID: 460-261101-6

Matrix: Water | Lab File ID: V21642.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D
Lims ID: 460-261101-A-6
Client ID: MW-11_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 02:12:30 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-6
Misc. Info.: 460-0147350-022
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	99	23901	1000.0	
33 trans-1,2-Dichloroethene	96	2.772	2.760	0.012	9	709	0.1829	
* 42 2-Butanone-d5	46	3.504	3.503	0.001	99	138647	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	93	48726	11.3	
51 Chloroform	83	3.812	3.812	0.000	63	1634	0.2724	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	115277	54.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	109514	51.8	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	371964	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	90	26783	7.19	
* 68 1,4-Dioxane-d8	96	5.287	5.286	0.001	87	14035	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	479993	48.4	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	379037	86.1	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	301014	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	143096	53.1	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	154150	50.0	
S 136 1,2-Dichloroethene, Total	100				0		11.5	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:25:32 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D

Injection Date: 02-Jul-2022 02:12:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-6 Lab Sample ID: 460-261101-6

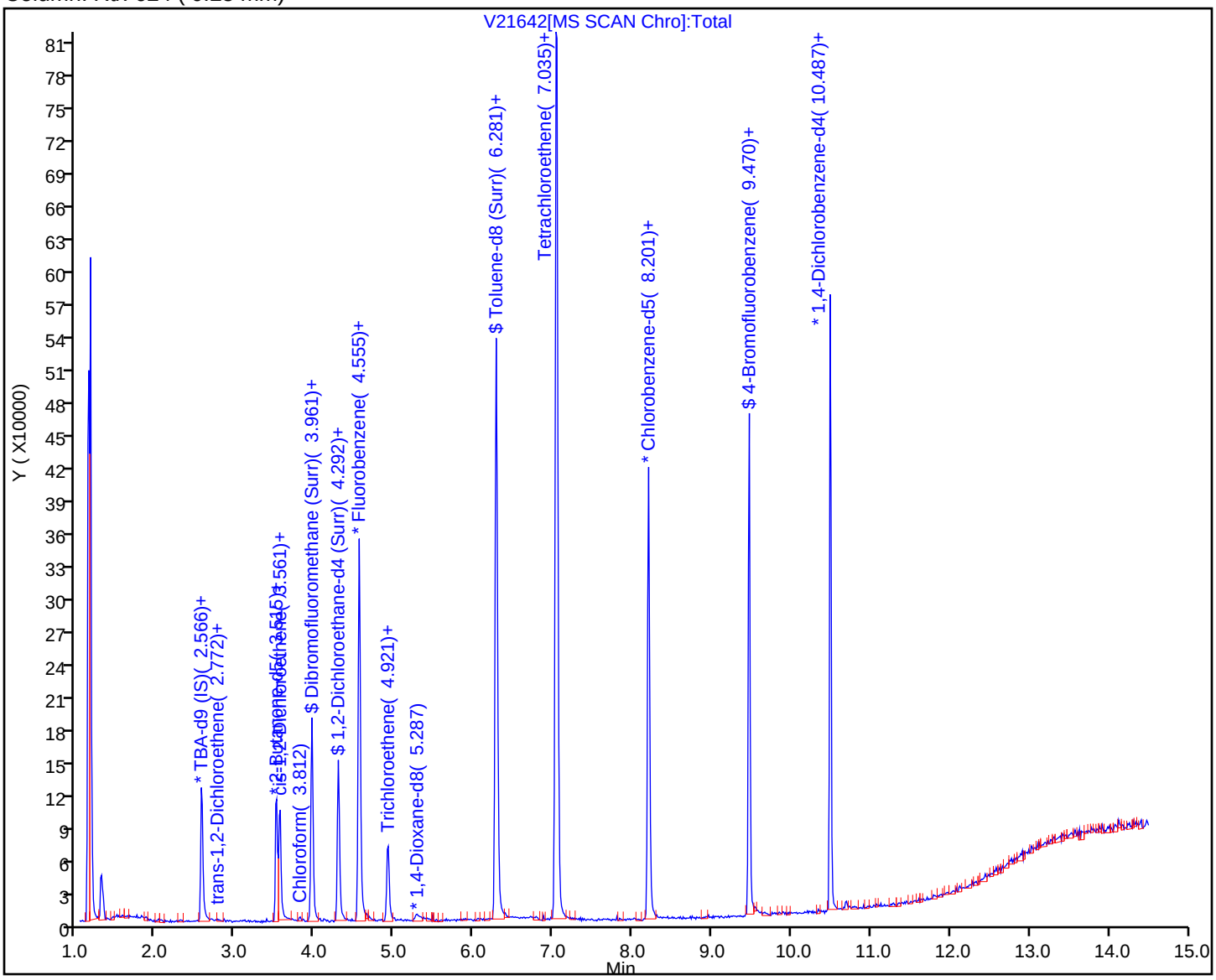
Client ID: MW-11_20220624

Operator ID: ALS Bottle#: 71 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D
Lims ID: 460-261101-A-6
Client ID: MW-11_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 02:12:30 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-6
Misc. Info.: 460-0147350-022
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:52:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.8	109.55
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.64
$ 82 Toluene-d8 (Surr)	50.0	48.4	96.86
$ 105 4-Bromofluorobenzene	50.0	53.1	106.28

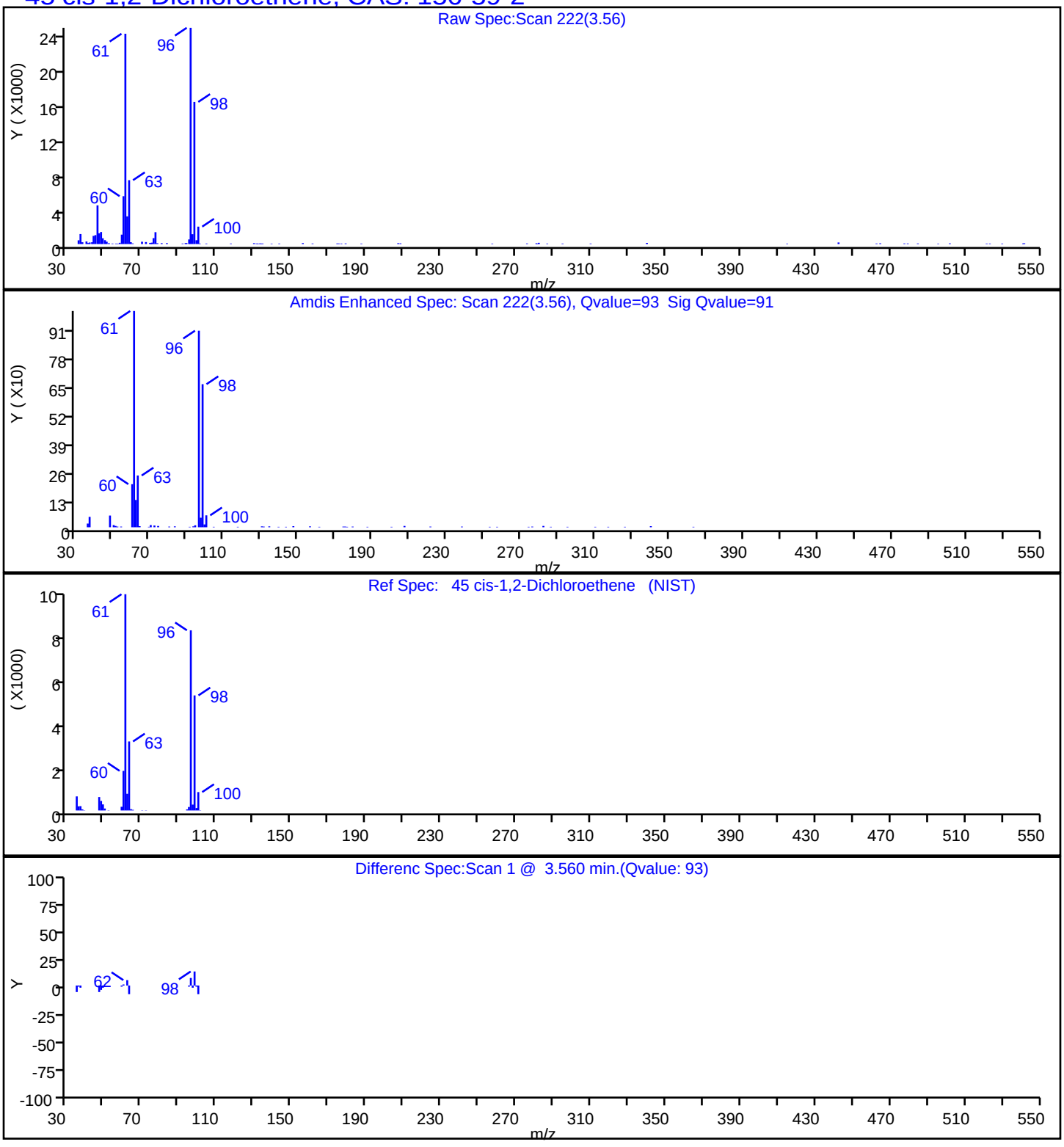
Report Date: 02-Jul-2022 19:25:32 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D

Injection Date:	02-Jul-2022 02:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-6	Lab Sample ID:	460-261101-6		
Client ID:	MW-11_20220624				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



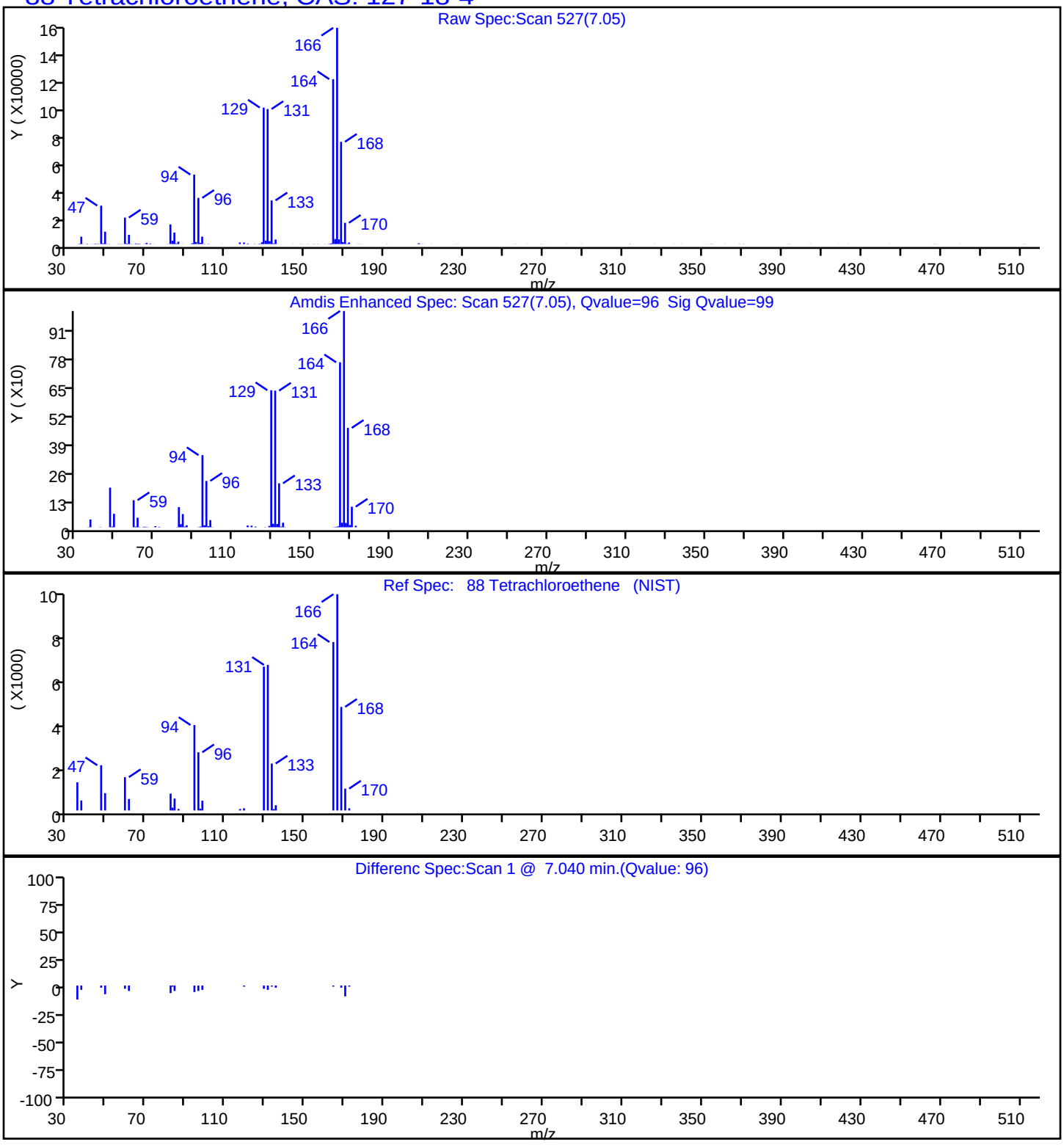
Report Date: 02-Jul-2022 19:25:32 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D

Injection Date:	02-Jul-2022 02:12:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-6	Lab Sample ID:	460-261101-6
Client ID:	MW-11_20220624		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



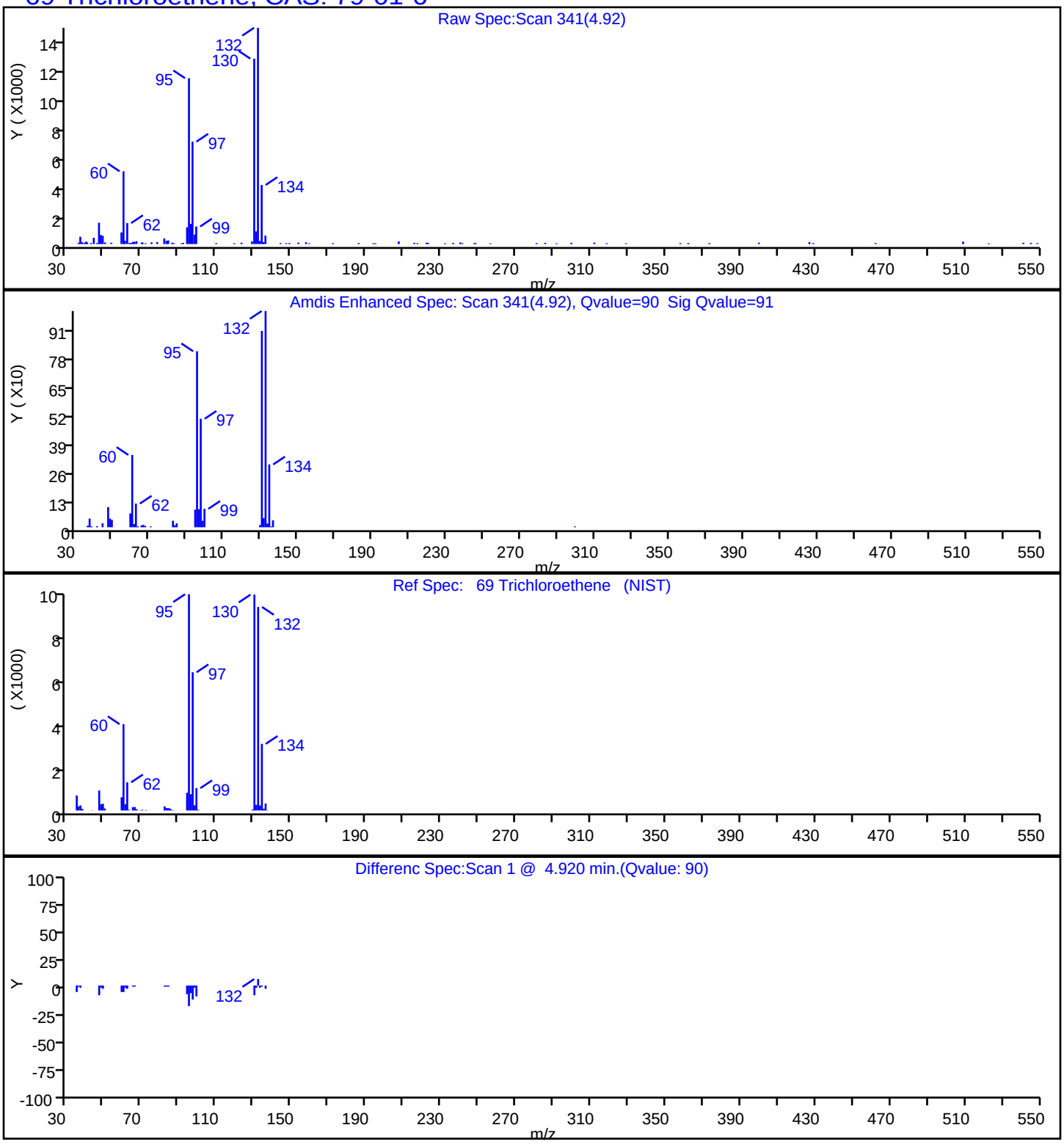
Report Date: 02-Jul-2022 19:25:32 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D

Injection Date:	02-Jul-2022 02:12:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-6	Lab Sample ID:	460-261101-6
Client ID:	MW-11_20220624		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



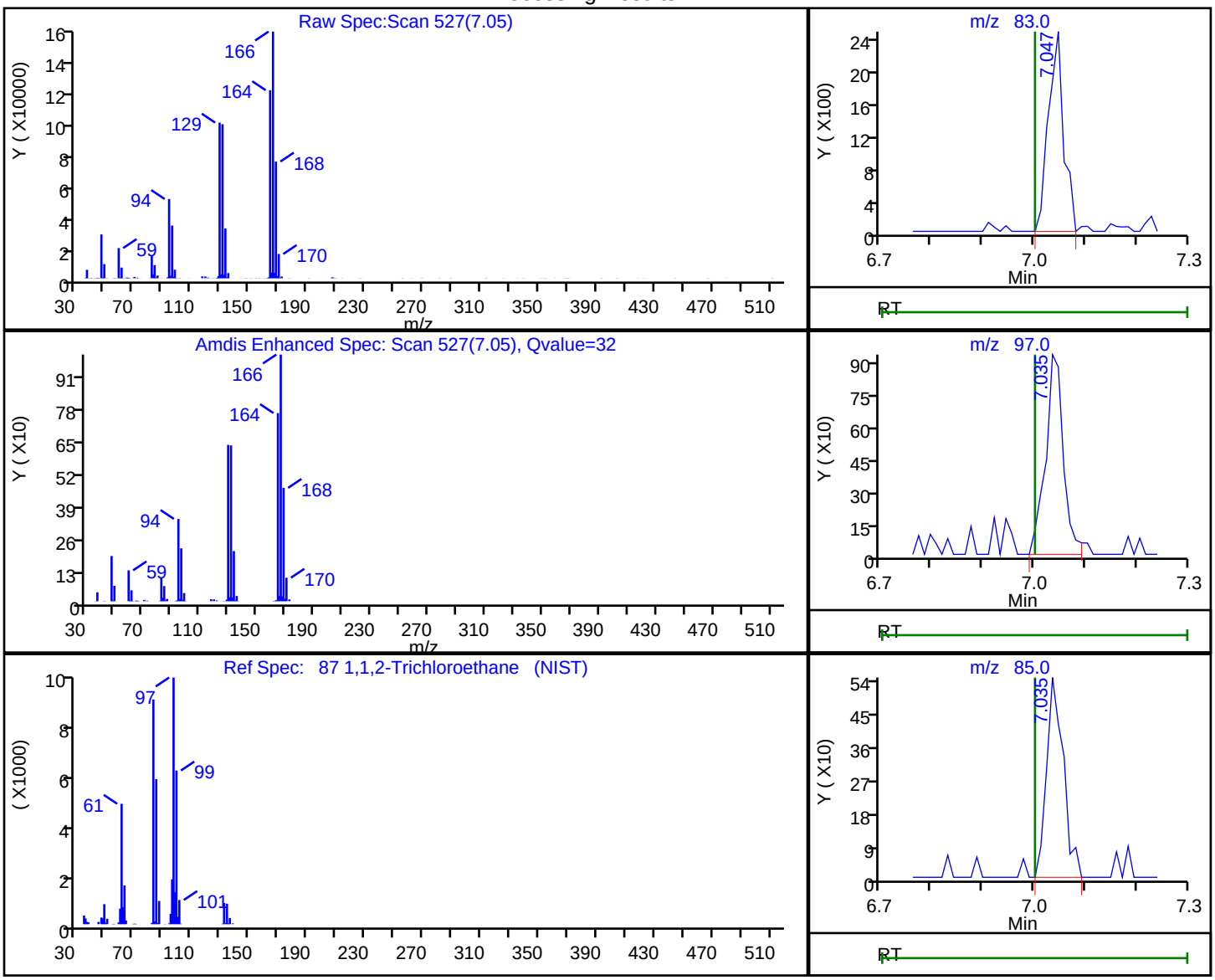
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21642.D		
Injection Date:	02-Jul-2022 02:12:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-6	Lab Sample ID:	460-261101-6
Client ID:	MW-11_20220624		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	5014	1.696321
7.04	97.00	2286	
7.04	85.00	1241	

Reviewer: HVW2, 02-Jul-2022 02:52:39

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-12_20220624 | Lab Sample ID: 460-261101-7

Matrix: Water | Lab File ID: V21659.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	12		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	5.8		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	87		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	7.8		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-12_20220624 | Lab Sample ID: 460-261101-7

Matrix: Water | Lab File ID: V21659.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D
Lims ID: 460-261101-B-7
Client ID: MW-12_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 09:32:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-B-7
Misc. Info.: 460-0147363-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 09:53:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.566	0.012	100	20912	1000.0	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	96	61258	5.78	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	97	118135	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	92	54454	12.5	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	108362	50.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	102167	47.8	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	376022	50.0	
69 Trichloroethene	95	4.921	4.921	0.000	92	29212	7.76	
* 68 1,4-Dioxane-d8	96	5.287	5.275	0.012	83	14964	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	446347	44.9	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	384593	87.1	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	301920	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	136978	50.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	156123	50.0	
S 136 1,2-Dichloroethene, Total	100				0		12.5	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Jul-2022 11:10:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D

Injection Date: 02-Jul-2022 09:32:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-B-7 Lab Sample ID: 460-261101-7

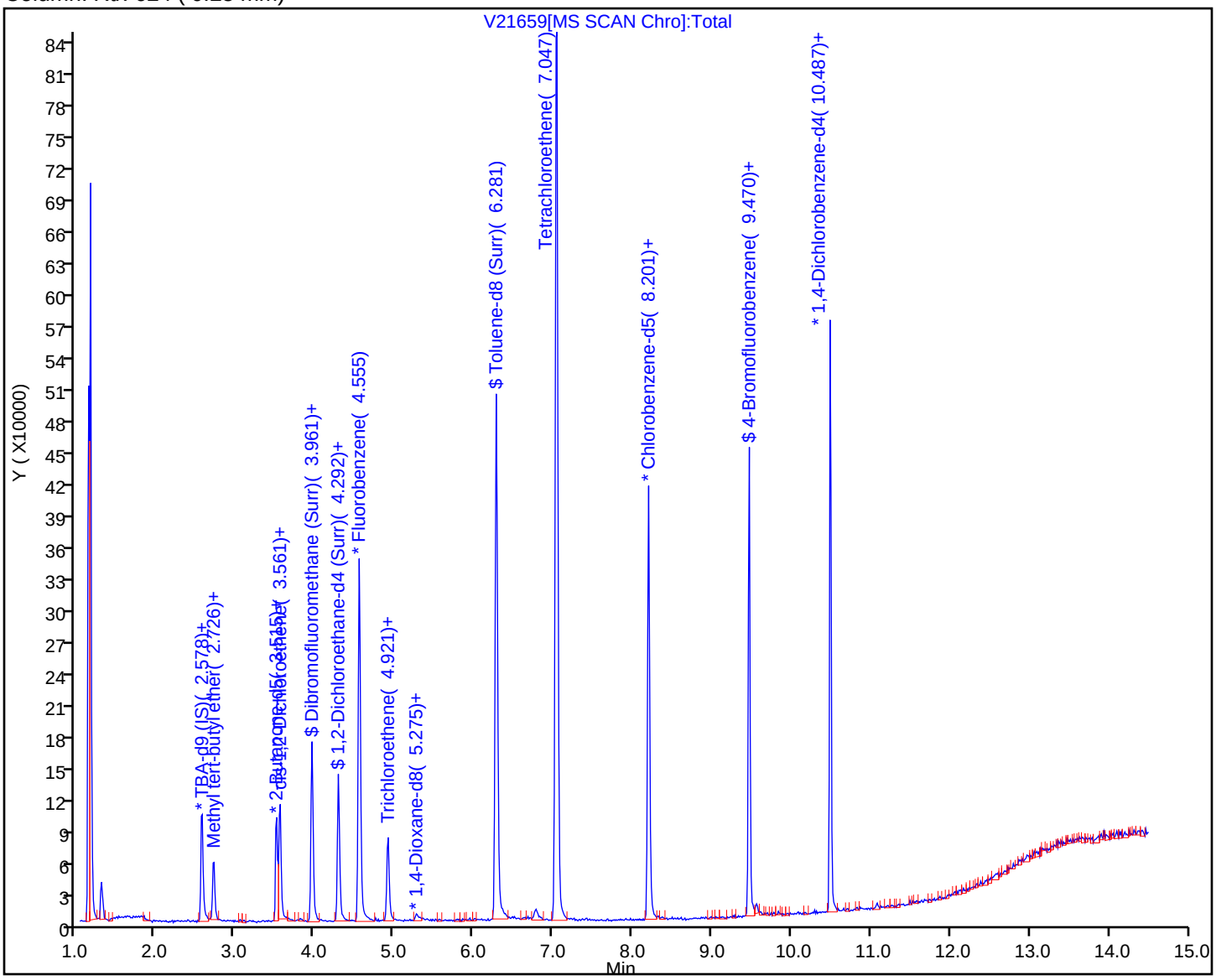
Client ID: MW-12_20220624

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D
Lims ID: 460-261101-B-7
Client ID: MW-12_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 09:32:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-B-7
Misc. Info.: 460-0147363-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 09:53:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.9	101.86
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.65
$ 82 Toluene-d8 (Surr)	50.0	44.9	89.80
$ 105 4-Bromofluorobenzene	50.0	50.7	101.43

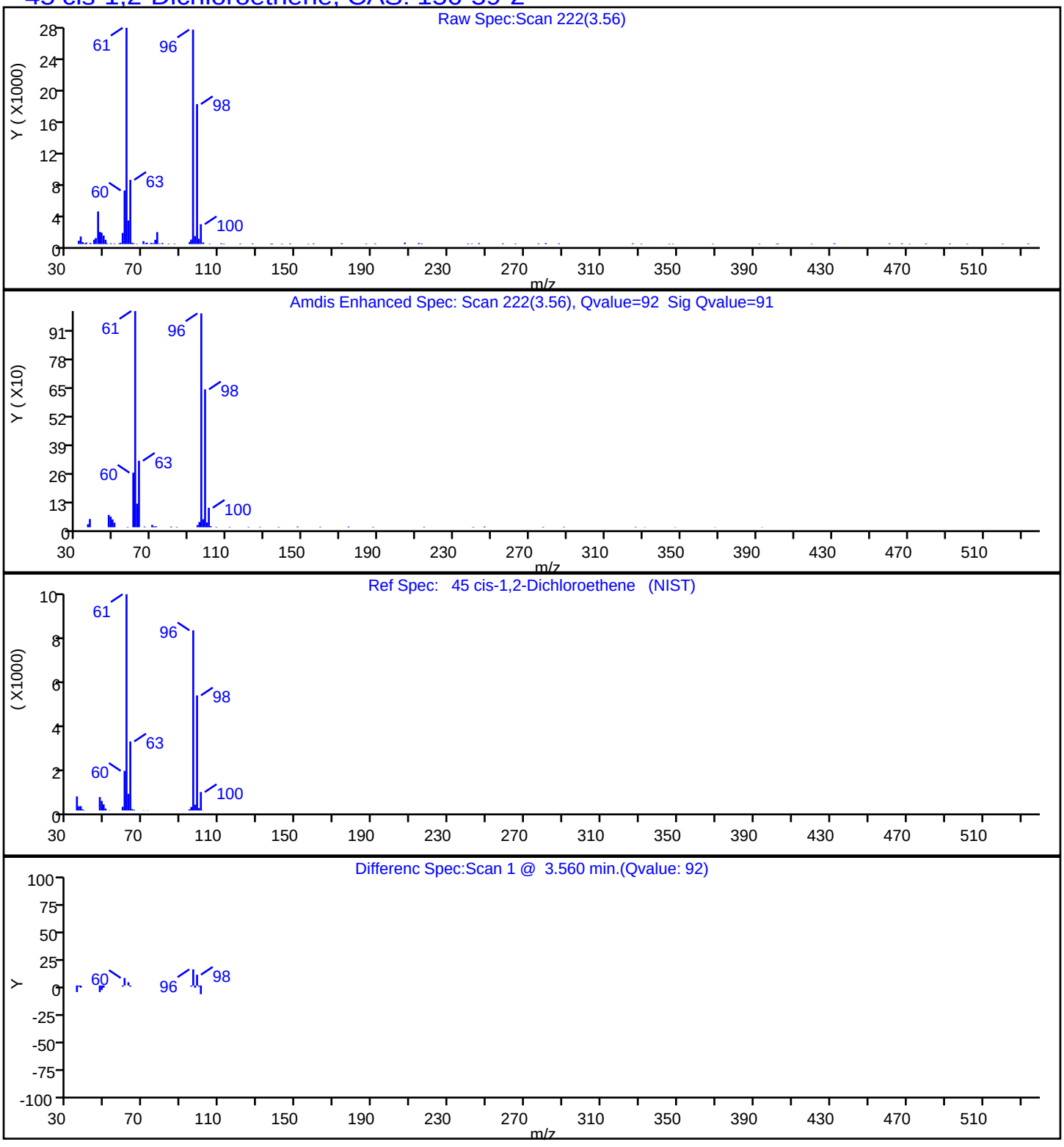
Report Date: 03-Jul-2022 11:10:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D

Injection Date:	02-Jul-2022 09:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-B-7	Lab Sample ID:	460-261101-7		
Client ID:	MW-12_20220624				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



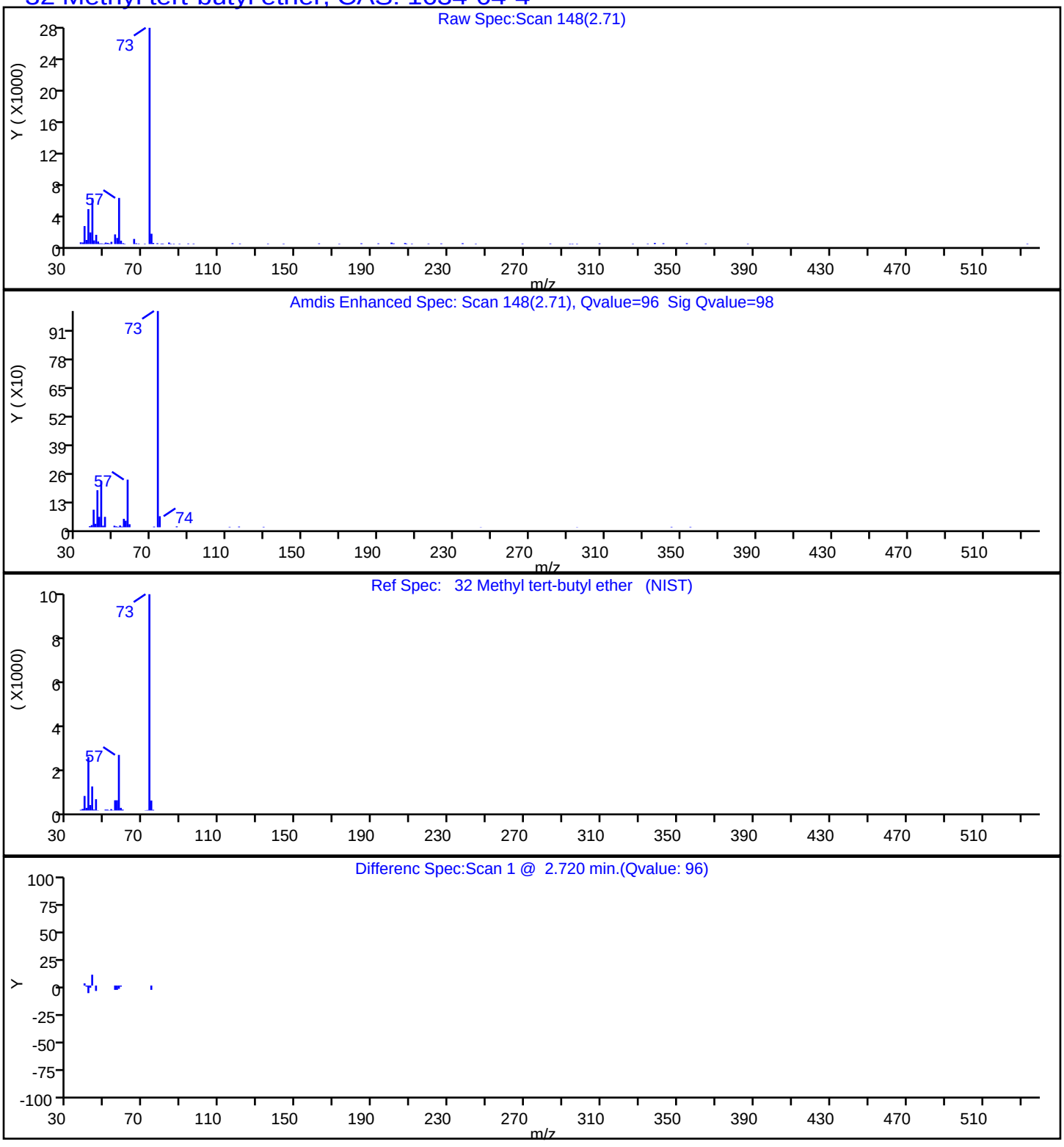
Report Date: 03-Jul-2022 11:10:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D

Injection Date:	02-Jul-2022 09:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-B-7	Lab Sample ID:	460-261101-7		
Client ID:	MW-12_20220624				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



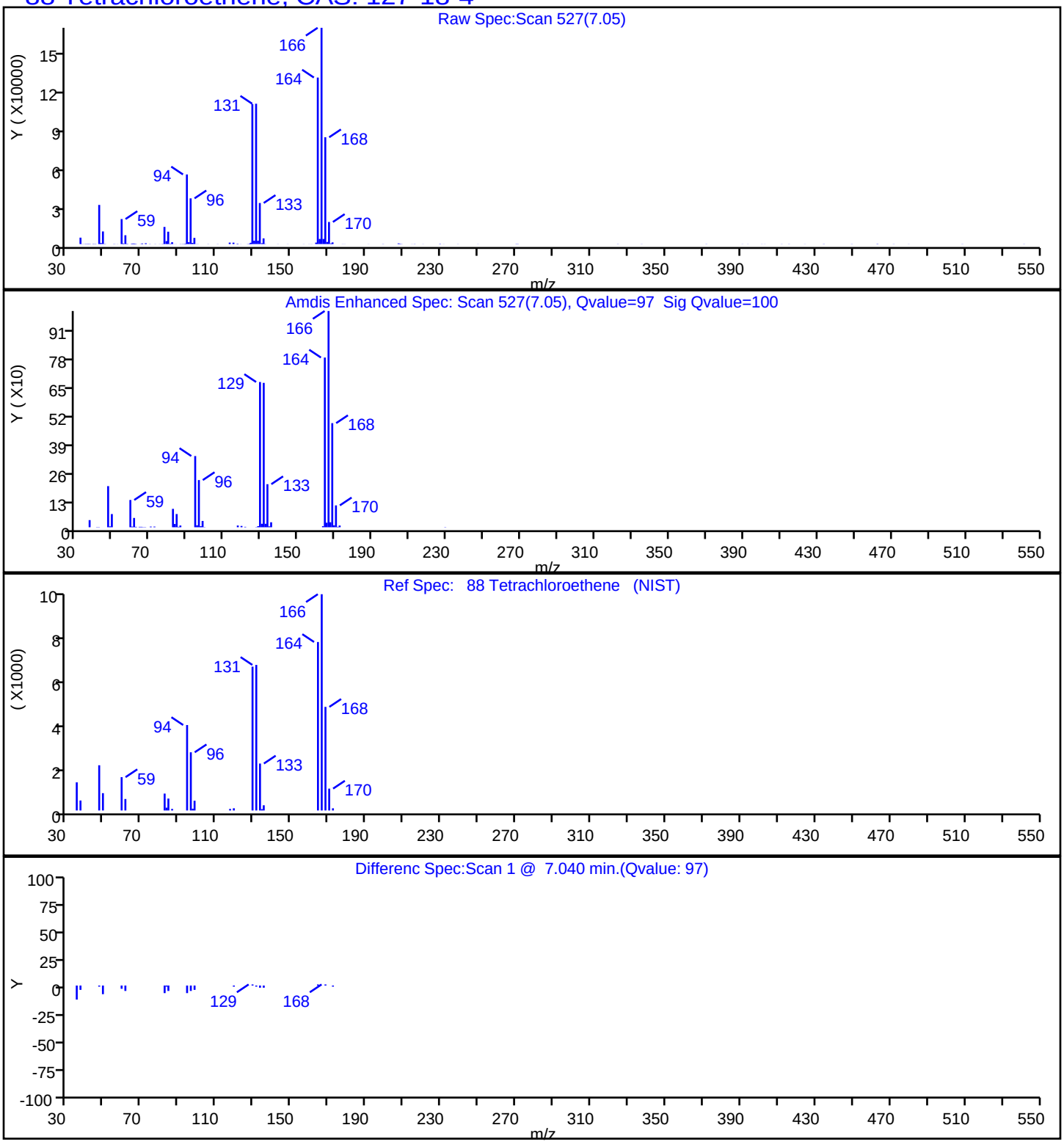
Report Date: 03-Jul-2022 11:10:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D

Injection Date:	02-Jul-2022 09:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-B-7	Lab Sample ID:	460-261101-7		
Client ID:	MW-12_20220624				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



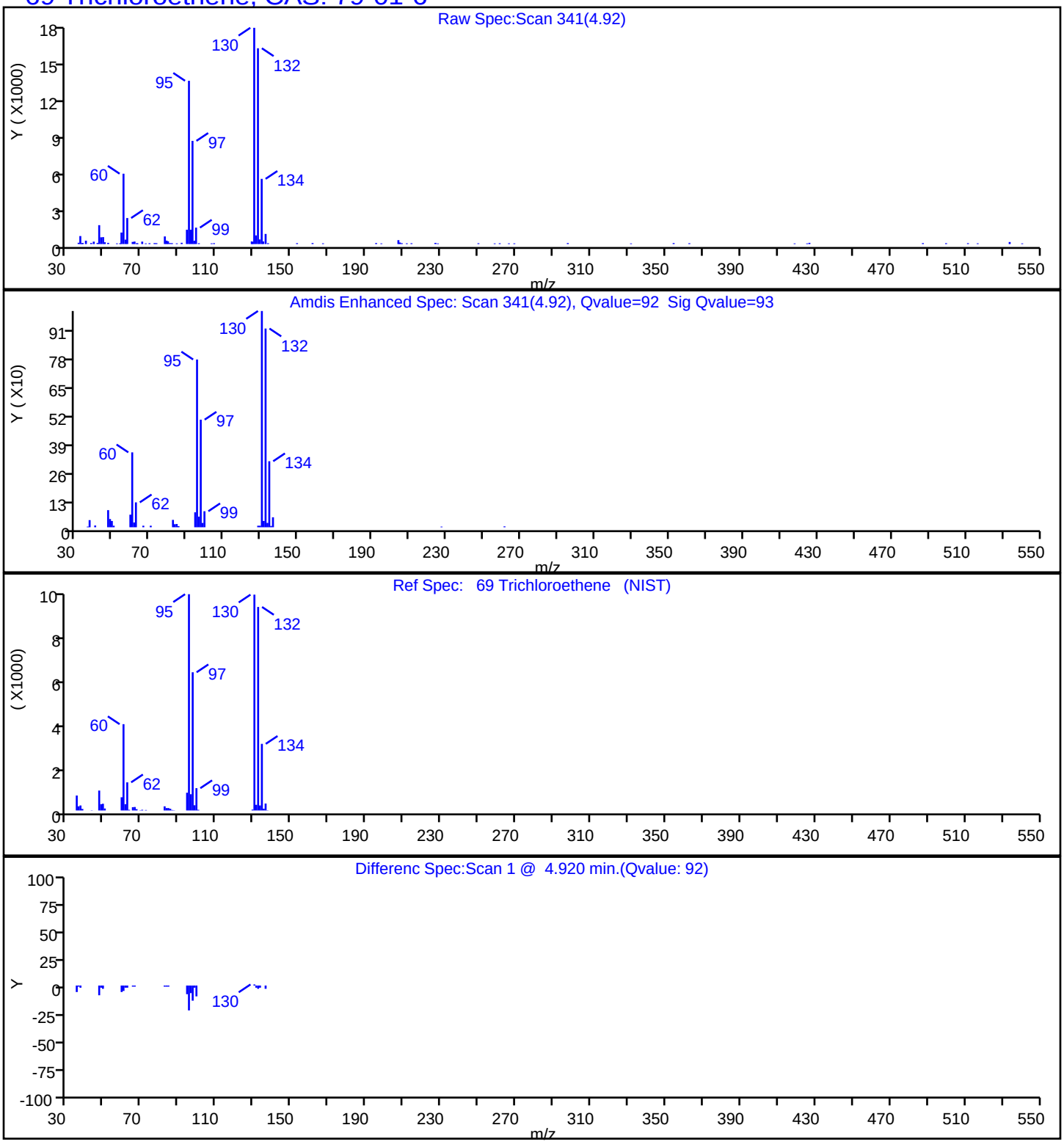
Report Date: 03-Jul-2022 11:10:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D

Injection Date:	02-Jul-2022 09:32:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-B-7	Lab Sample ID:	460-261101-7
Client ID:	MW-12_20220624		
Operator ID:		ALS Bottle#:	57 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



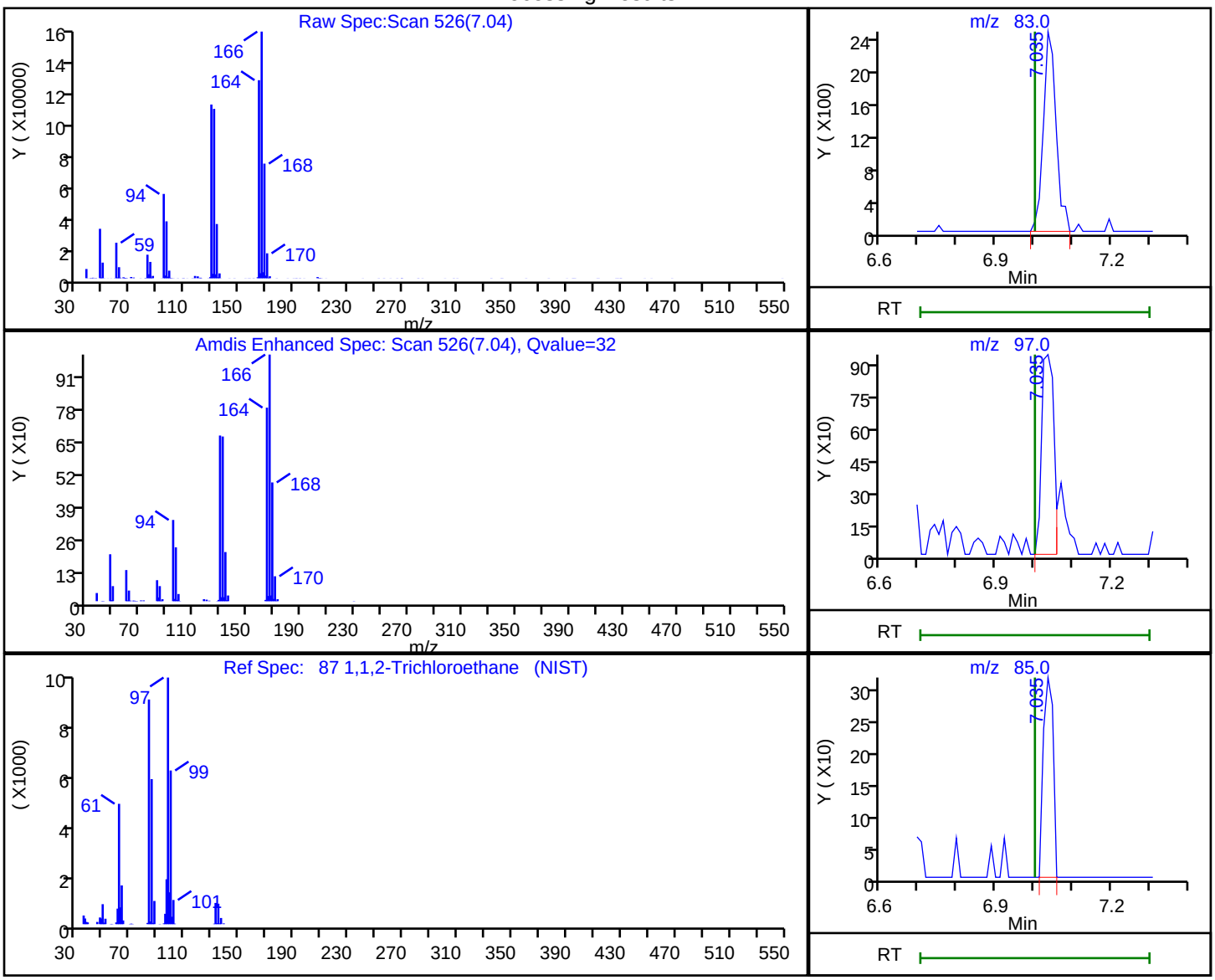
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21659.D				
Injection Date:	02-Jul-2022 09:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-B-7	Lab Sample ID:	460-261101-7		
Client ID:	MW-12_20220624				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	5718	1.928691
7.04	97.00	2129	
7.04	85.00	565	

Reviewer: RD6L, 02-Jul-2022 09:53:01

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-13_20220624 | Lab Sample ID: 460-261101-8

Matrix: Water | Lab File ID: V21644.D

Analysis Method: 8260D | Date Collected: 06/24/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.58		0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	8.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	68		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-13_20220624 | Lab Sample ID: 460-261101-8

Matrix: Water | Lab File ID: V21644.D

Analysis Method: 8260D | Date Collected: 06/24/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D
Lims ID: 460-261101-A-8
Client ID: MW-13_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 02:55:30 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-8
Misc. Info.: 460-0147350-024
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: XE5L Date: 02-Jul-2022 19:26:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	99	20701	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	120544	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	91	33395	8.20	
51 Chloroform	83	3.812	3.812	0.000	95	3282	0.5801	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	107080	53.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	103091	51.7	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	350844	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	87	15365	4.37	
* 68 1,4-Dioxane-d8	96	5.287	5.286	0.001	85	14072	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	452250	48.5	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	282536	68.3	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	282991	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	134576	53.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	143262	50.0	
S 136 1,2-Dichloroethene, Total	100				0		8.20	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:26:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D

Injection Date: 02-Jul-2022 02:55:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-8 Lab Sample ID: 460-261101-8

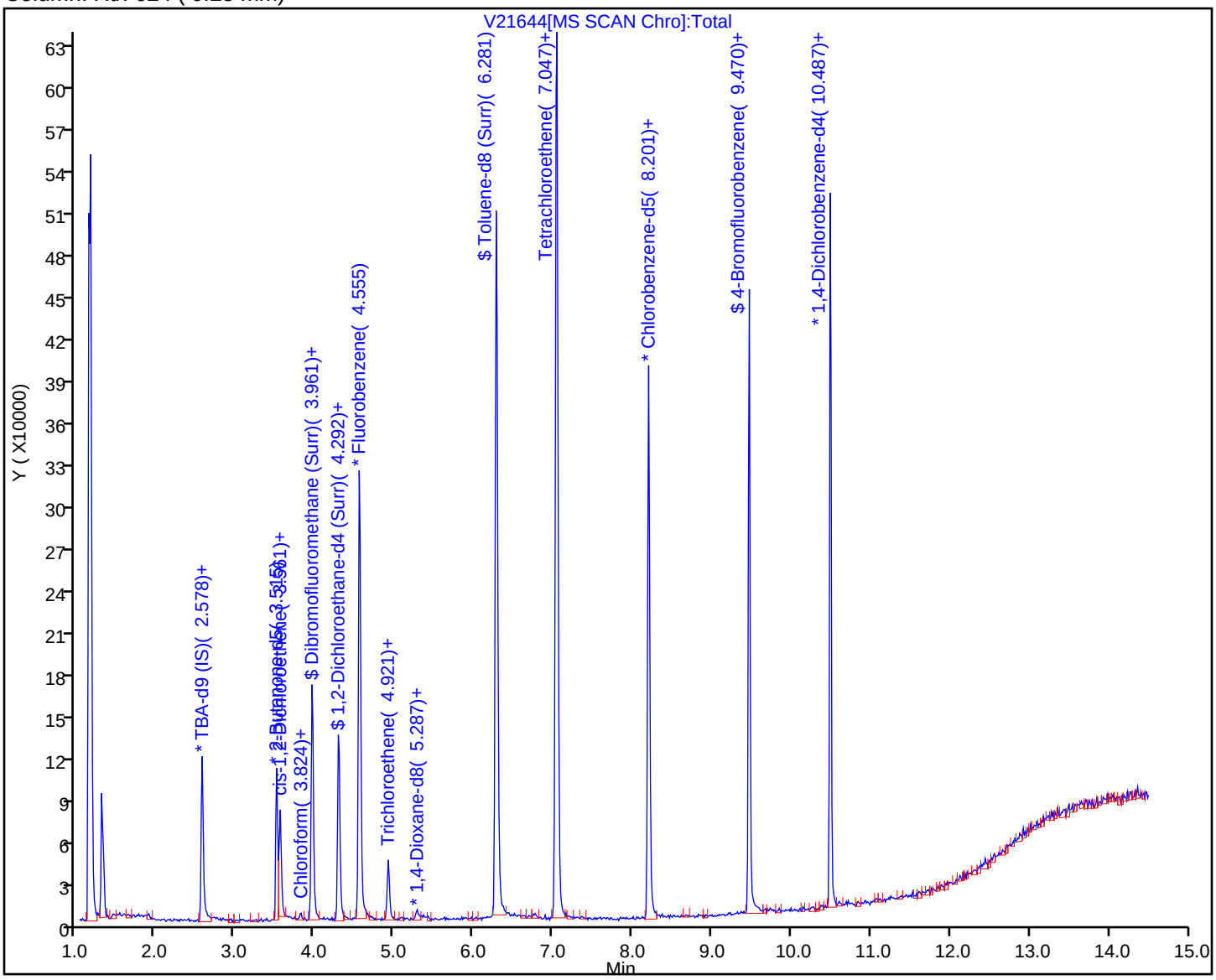
Client ID: MW-13_20220624

Operator ID: ALS Bottle#: 73 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D
Lims ID: 460-261101-A-8
Client ID: MW-13_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 02:55:30 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-8
Misc. Info.: 460-0147350-024
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: XE5L Date: 02-Jul-2022 19:26:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.9	107.88
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.44
$ 82 Toluene-d8 (Surr)	50.0	48.5	97.08
$ 105 4-Bromofluorobenzene	50.0	53.2	106.32

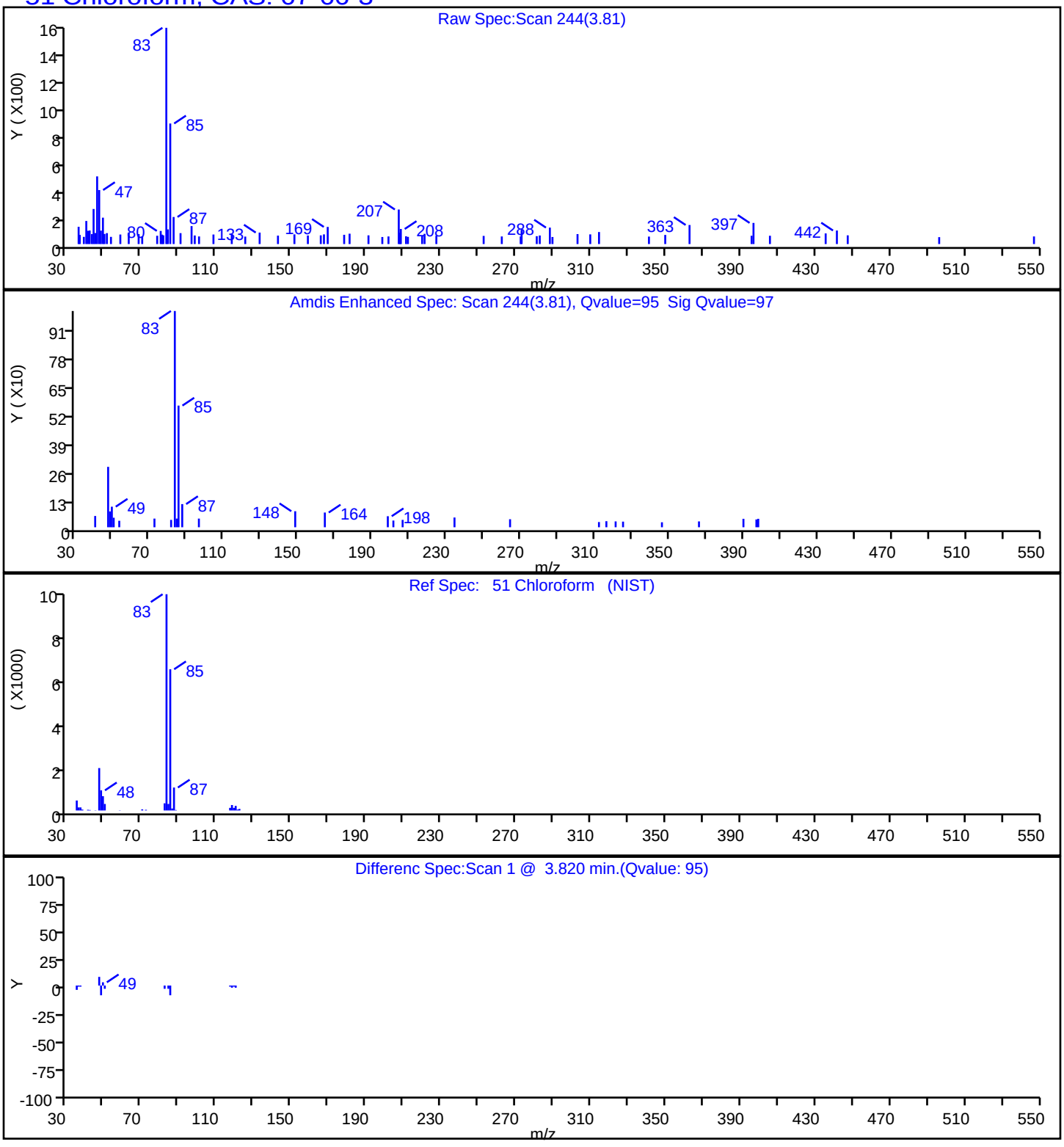
Report Date: 02-Jul-2022 19:26:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D

Injection Date:	02-Jul-2022 02:55:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-8	Lab Sample ID:	460-261101-8
Client ID:	MW-13_20220624		
Operator ID:		ALS Bottle#:	73 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

51 Chloroform, CAS: 67-66-3



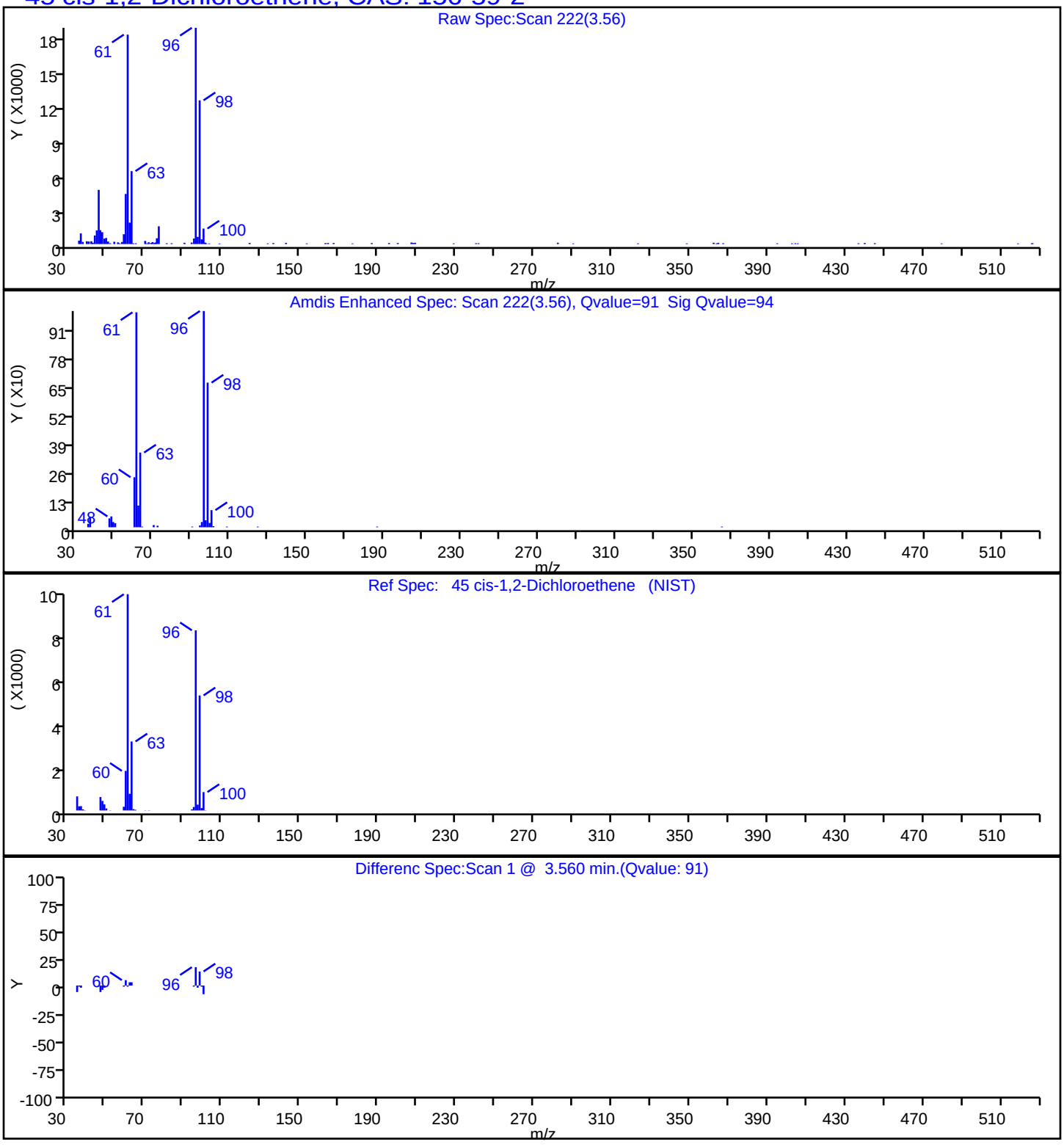
Report Date: 02-Jul-2022 19:26:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D

Injection Date:	02-Jul-2022 02:55:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-8	Lab Sample ID:	460-261101-8		
Client ID:	MW-13_20220624				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



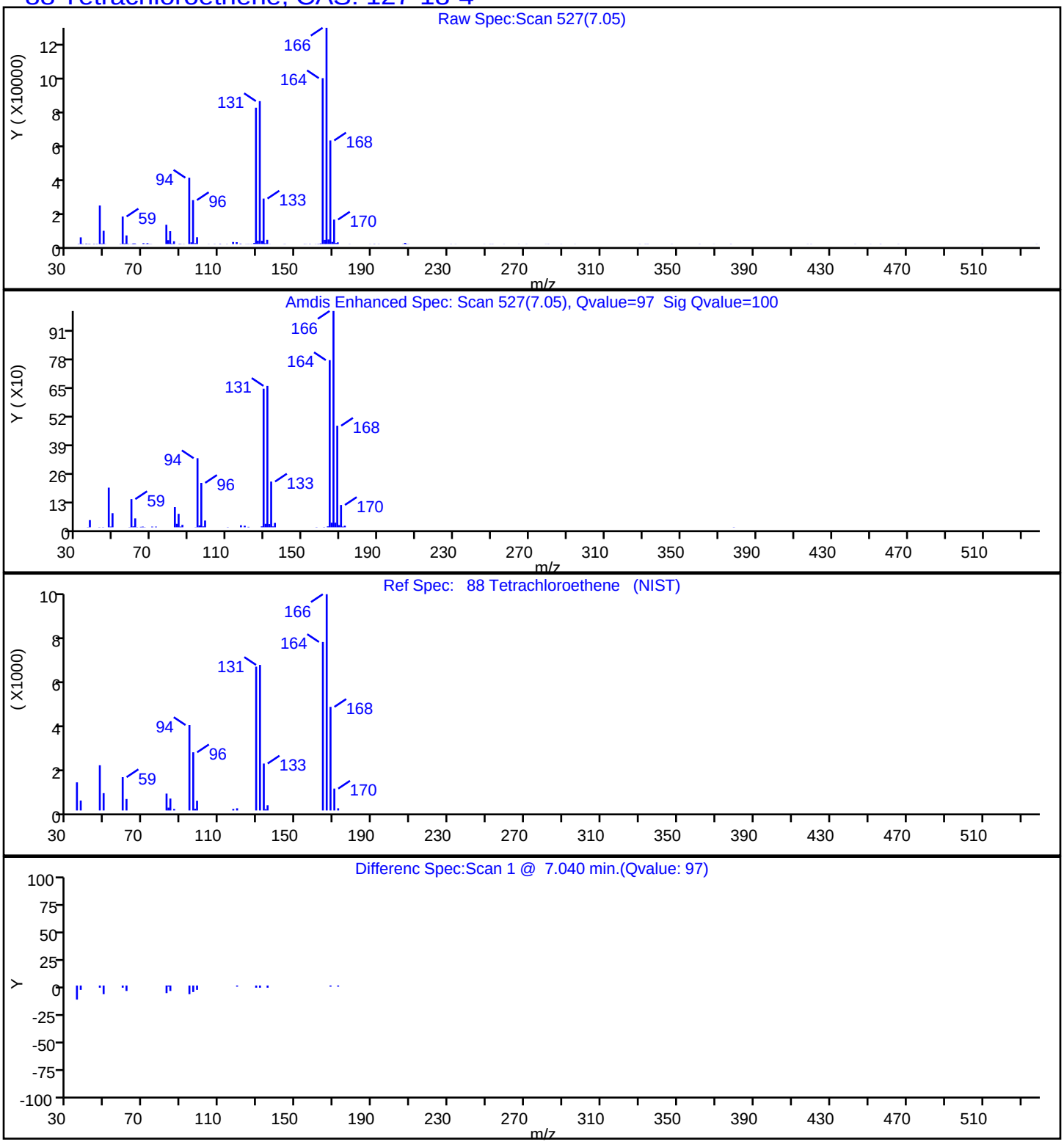
Report Date: 02-Jul-2022 19:26:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D

Injection Date:	02-Jul-2022 02:55:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-8	Lab Sample ID:	460-261101-8
Client ID:	MW-13_20220624		
Operator ID:		ALS Bottle#:	73 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



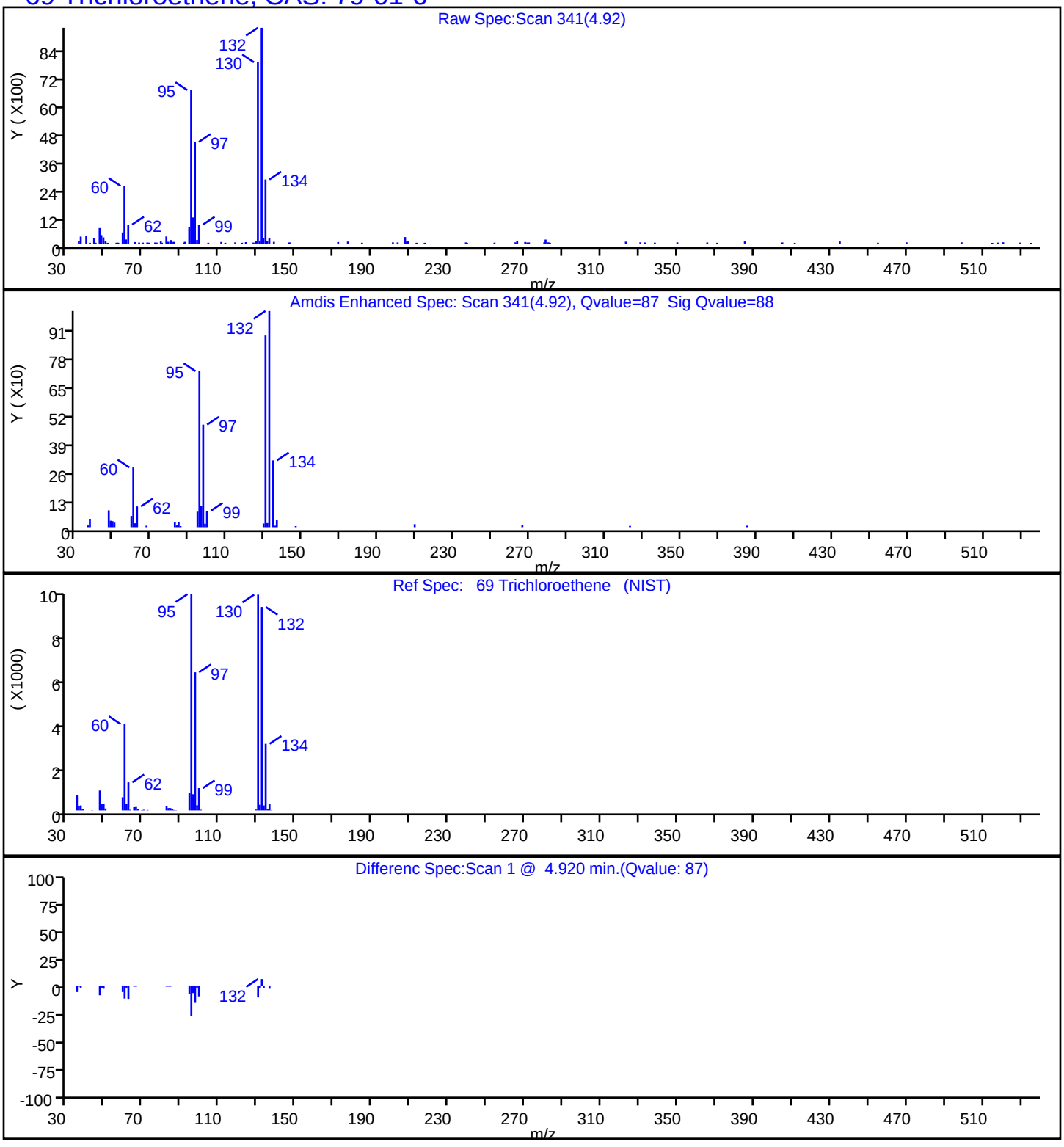
Report Date: 02-Jul-2022 19:26:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D

Injection Date:	02-Jul-2022 02:55:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-8	Lab Sample ID:	460-261101-8
Client ID:	MW-13_20220624		
Operator ID:		ALS Bottle#:	73 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



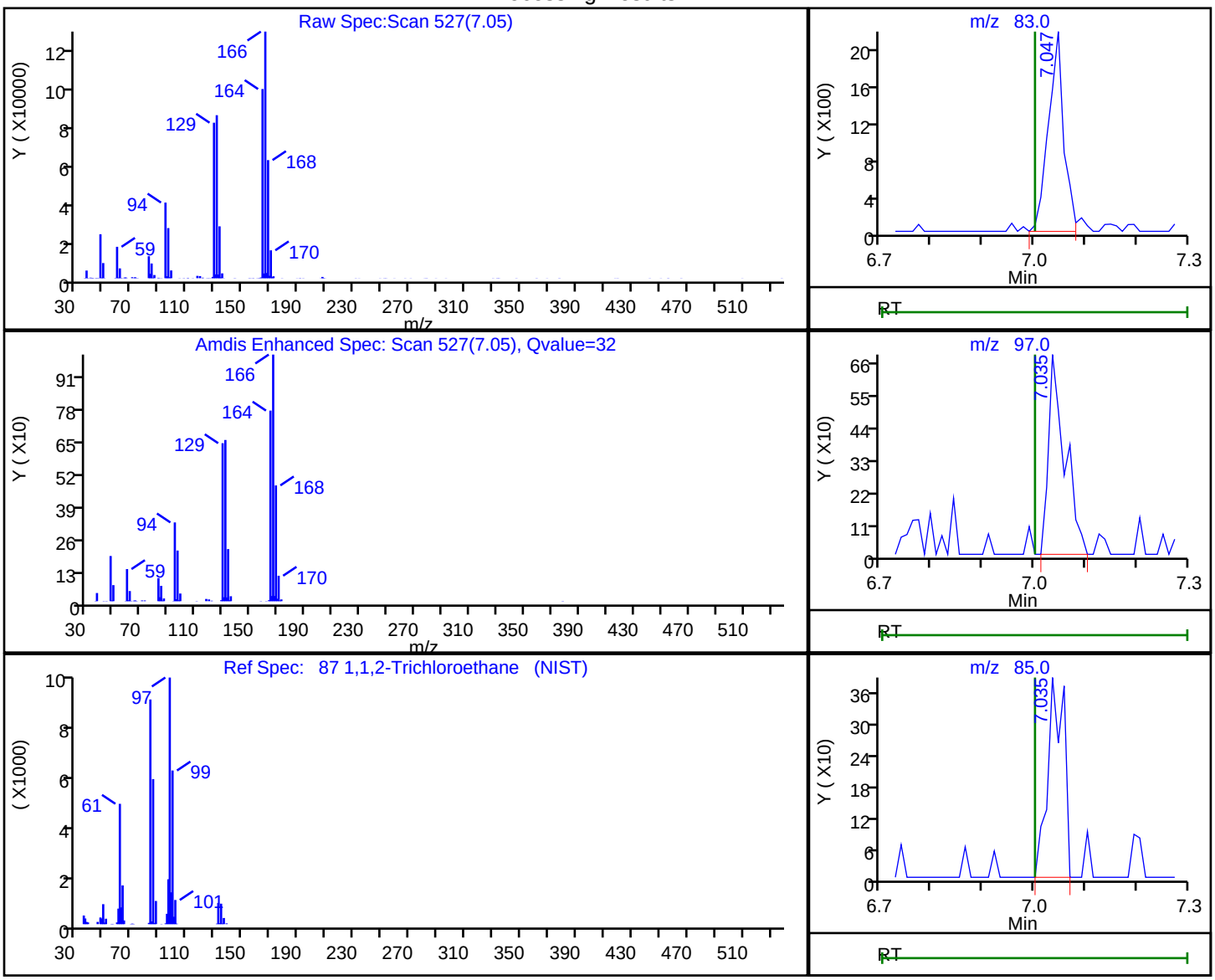
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21644.D				
Injection Date:	02-Jul-2022 02:55:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-8	Lab Sample ID:	460-261101-8		
Client ID:	MW-13_20220624				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	4515	1.624784
7.04	97.00	1544	
7.04	85.00	842	

Reviewer: HVW2, 02-Jul-2022 03:51:22

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-14_20220623 | Lab Sample ID: 460-261101-9

Matrix: Water | Lab File ID: V21645.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	9.1		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.63		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.6		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-14_20220623 | Lab Sample ID: 460-261101-9

Matrix: Water | Lab File ID: V21645.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D
Lims ID: 460-261101-A-9
Client ID: MW-14_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:16:30 ALS Bottle#: 74 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-9
Misc. Info.: 460-0147350-025
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 03:53:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.480	1.480	0.000	33	976	0.2688	
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	18598	1000.0	
33 trans-1,2-Dichloroethene	96	2.761	2.760	0.001	85	2213	0.6282	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	116299	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	92	10803	2.75	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	106608	55.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	100531	52.3	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	338111	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	5504	1.63	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	79	13032	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	449415	49.9	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	36185	9.05	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	273371	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	131652	53.8	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	143594	50.0	
S 136 1,2-Dichloroethene, Total	100				0		3.38	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:26:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D

Injection Date: 02-Jul-2022 03:16:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-9 Lab Sample ID: 460-261101-9

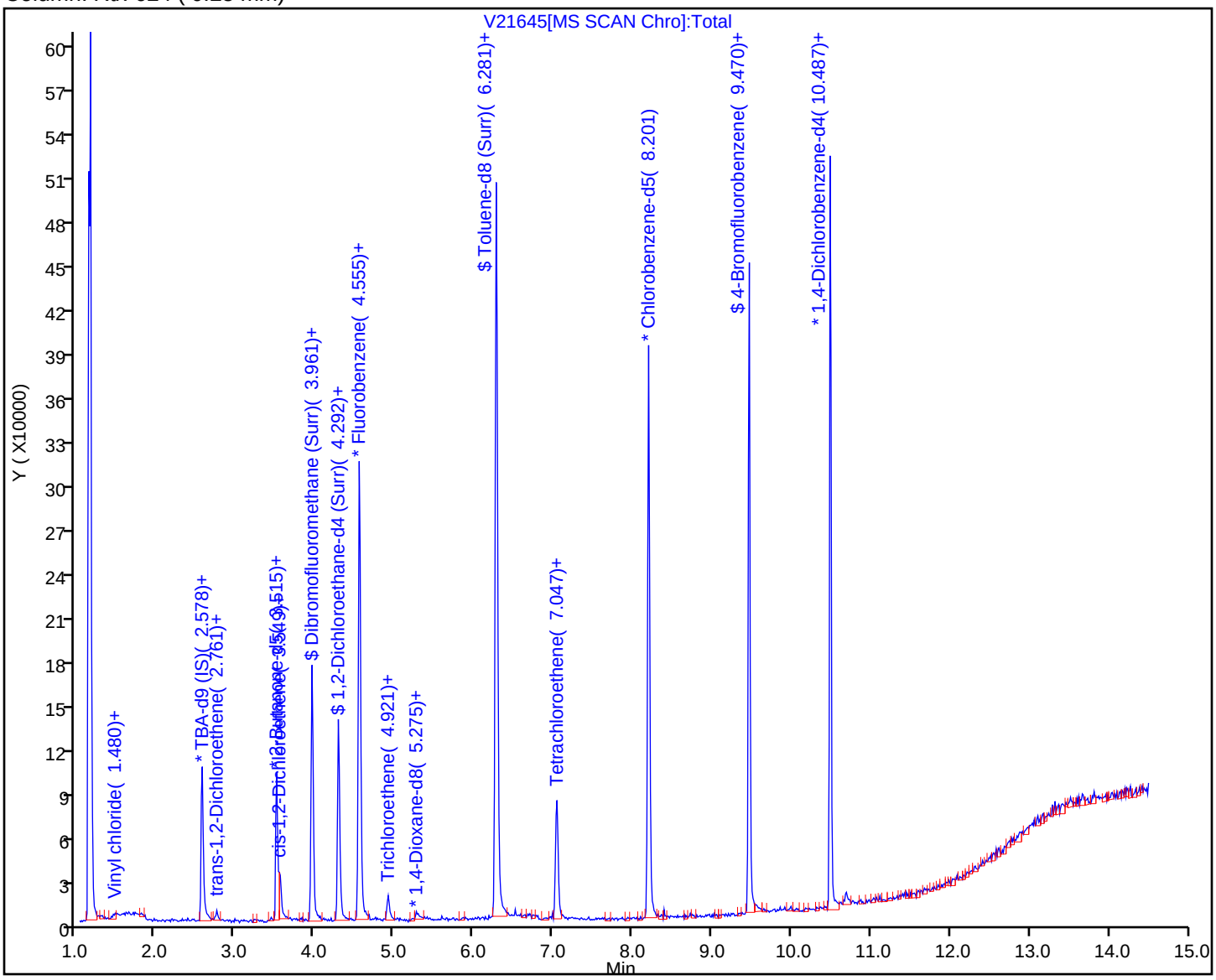
Client ID: MW-14_20220623

Operator ID: ALS Bottle#: 74 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D
Lims ID: 460-261101-A-9
Client ID: MW-14_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:16:30 ALS Bottle#: 74 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-9
Misc. Info.: 460-0147350-025
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 03:53:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.7	111.45
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.67
$ 82 Toluene-d8 (Surr)	50.0	49.9	99.86
$ 105 4-Bromofluorobenzene	50.0	53.8	107.67

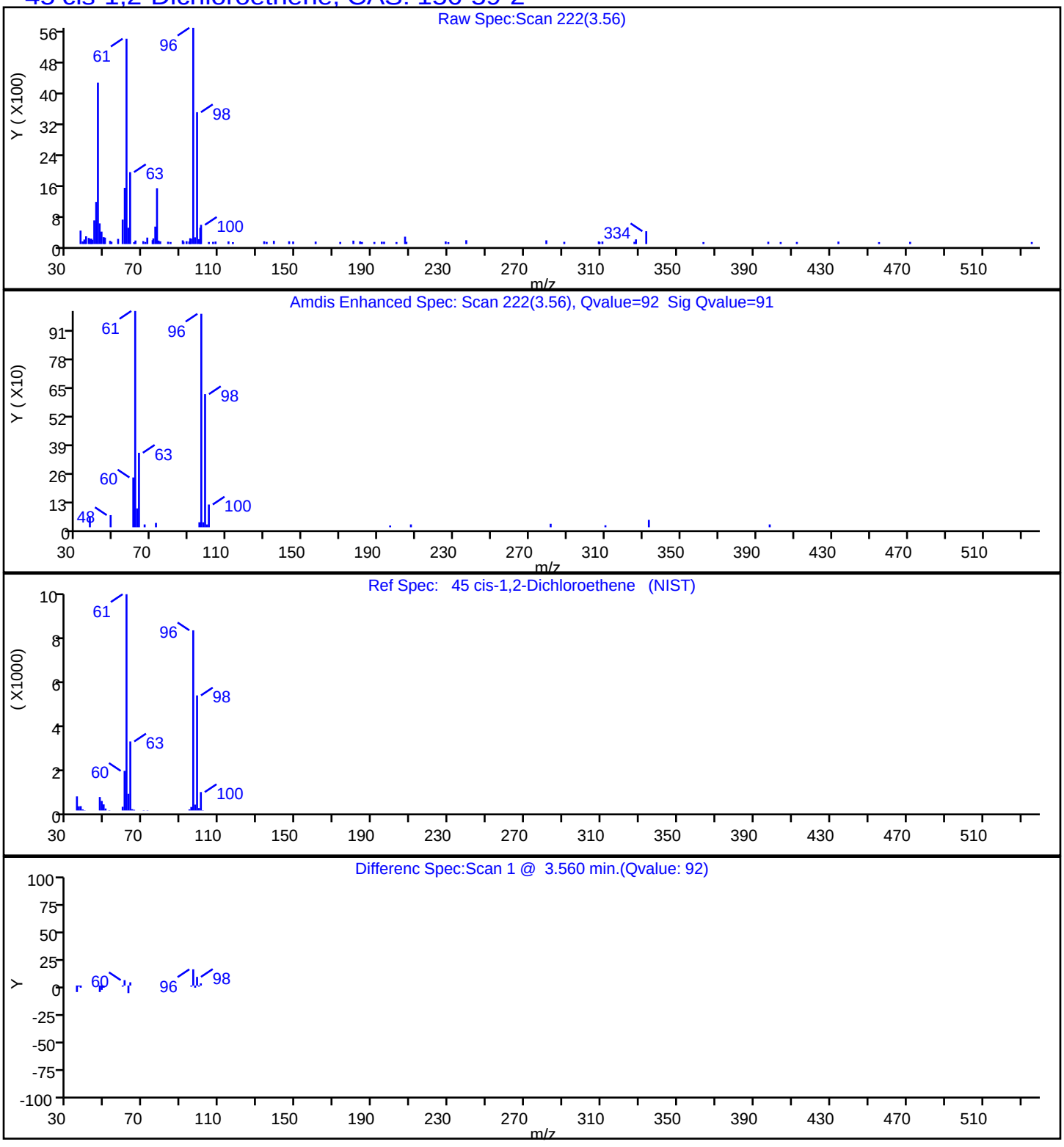
Report Date: 02-Jul-2022 19:26:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D

Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



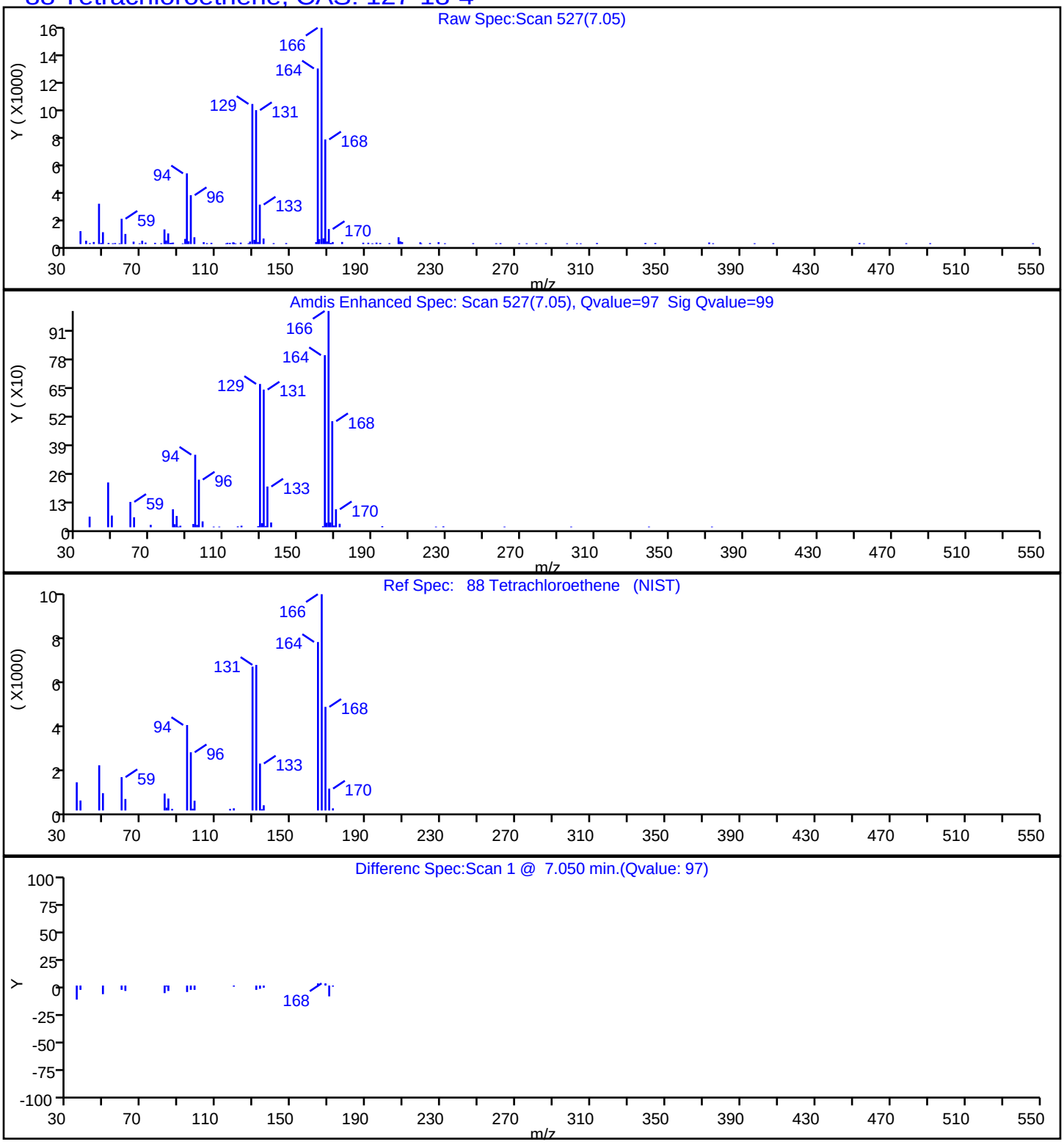
Report Date: 02-Jul-2022 19:26:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D

Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

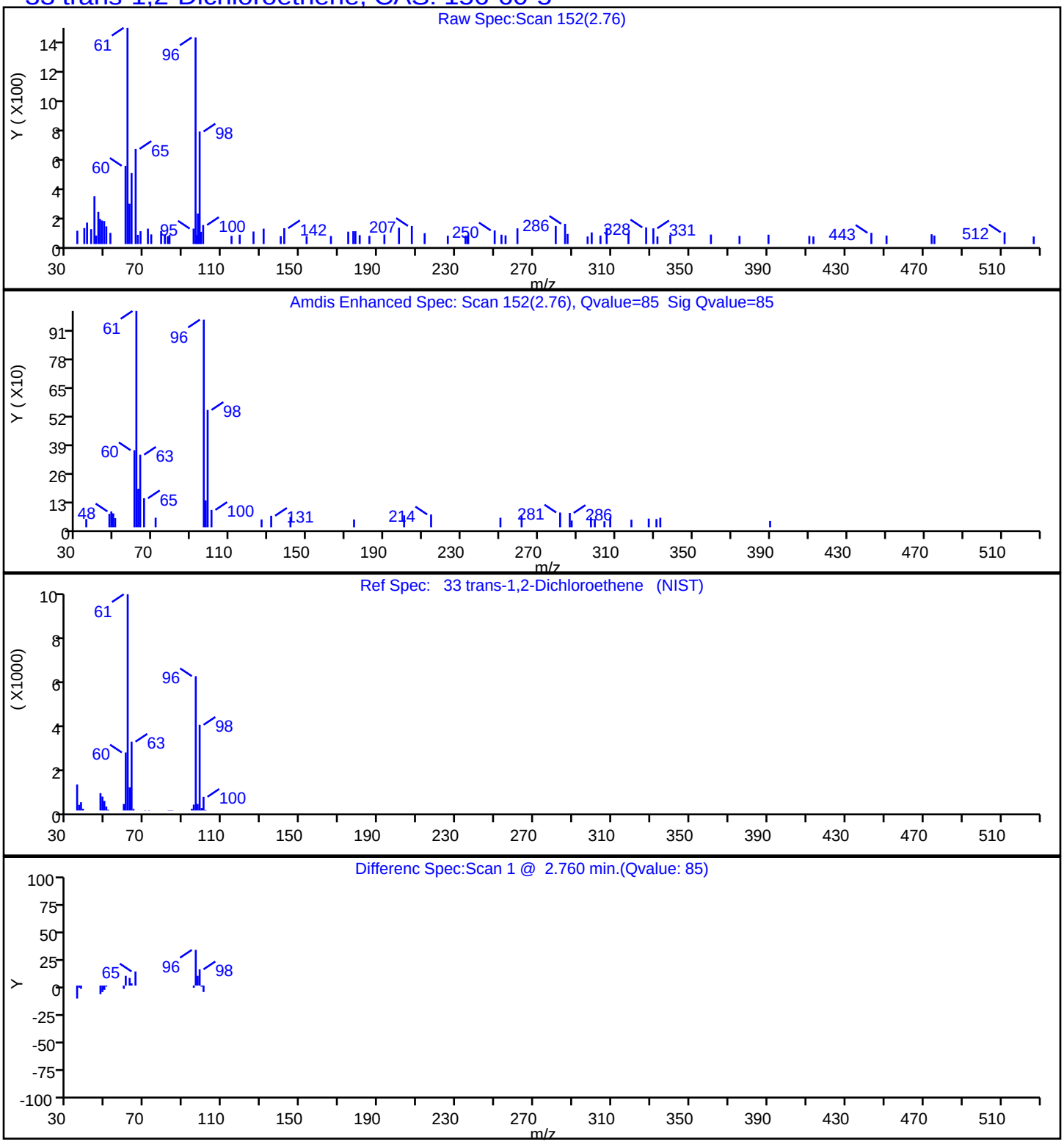


Report Date: 02-Jul-2022 19:26:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D				
Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

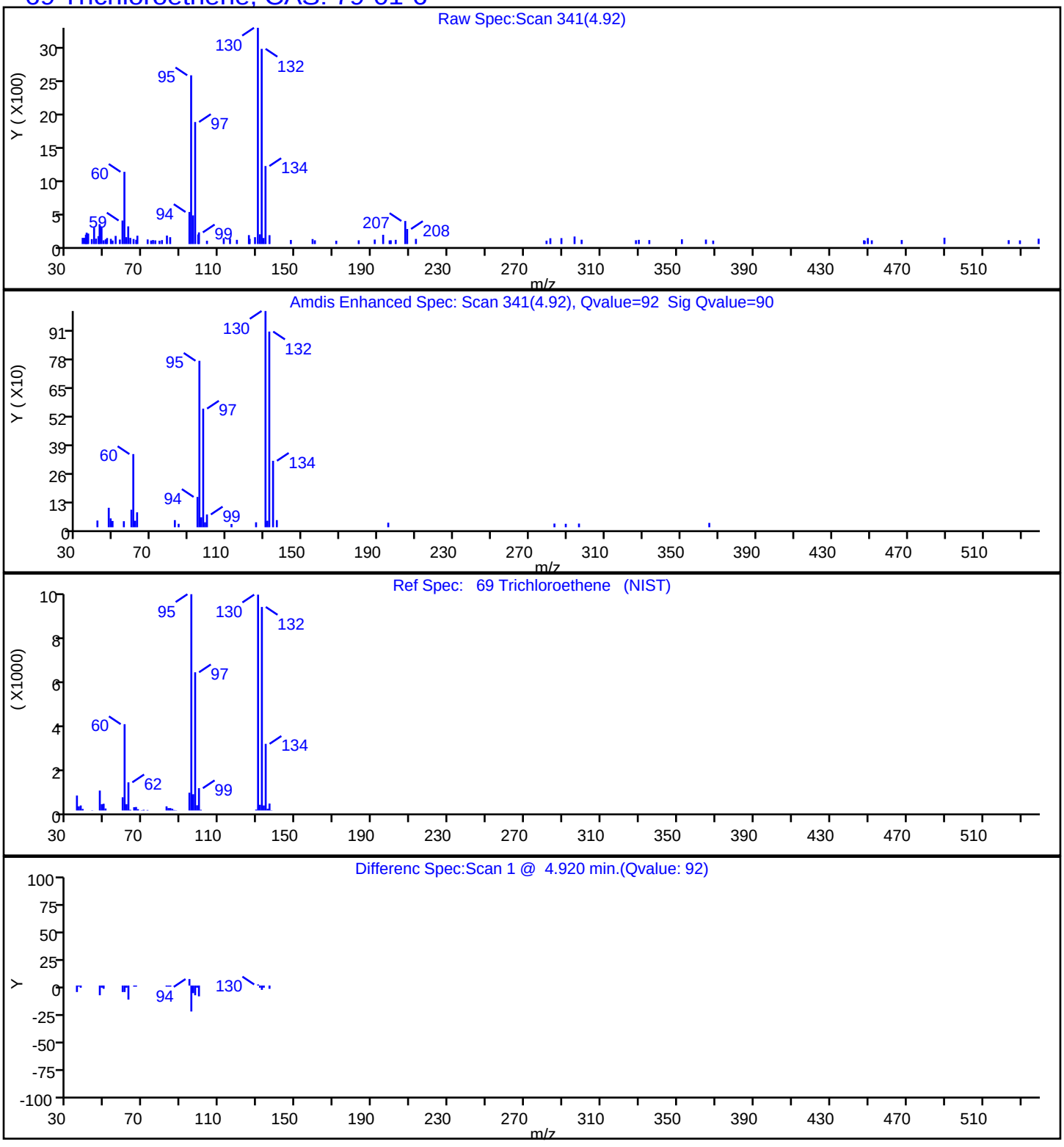


Report Date: 02-Jul-2022 19:26:33 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D				
Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



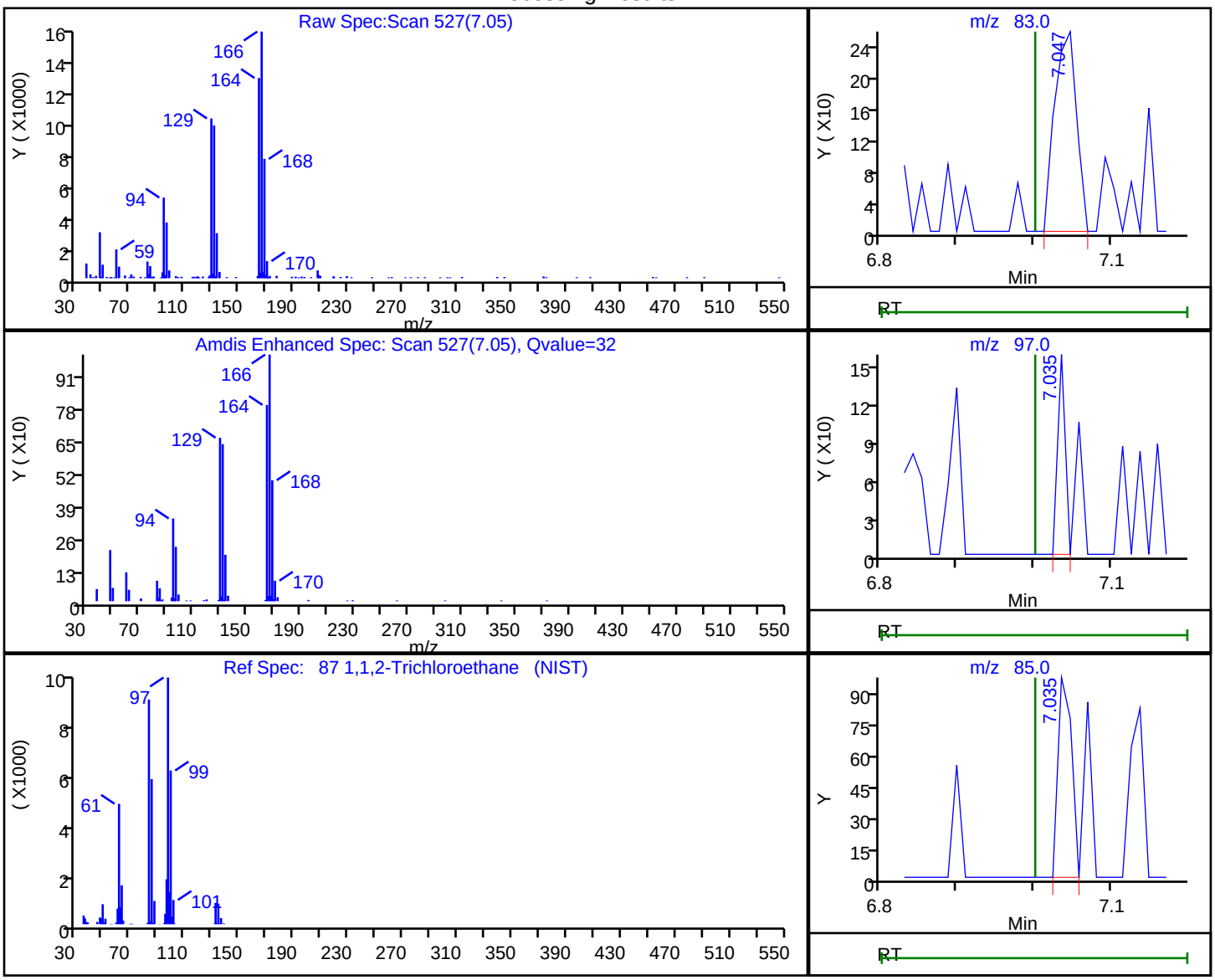
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D				
Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	501	0.186636
7.04	97.00	108	
7.04	85.00	121	

Reviewer: HVW2, 02-Jul-2022 03:51:39

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

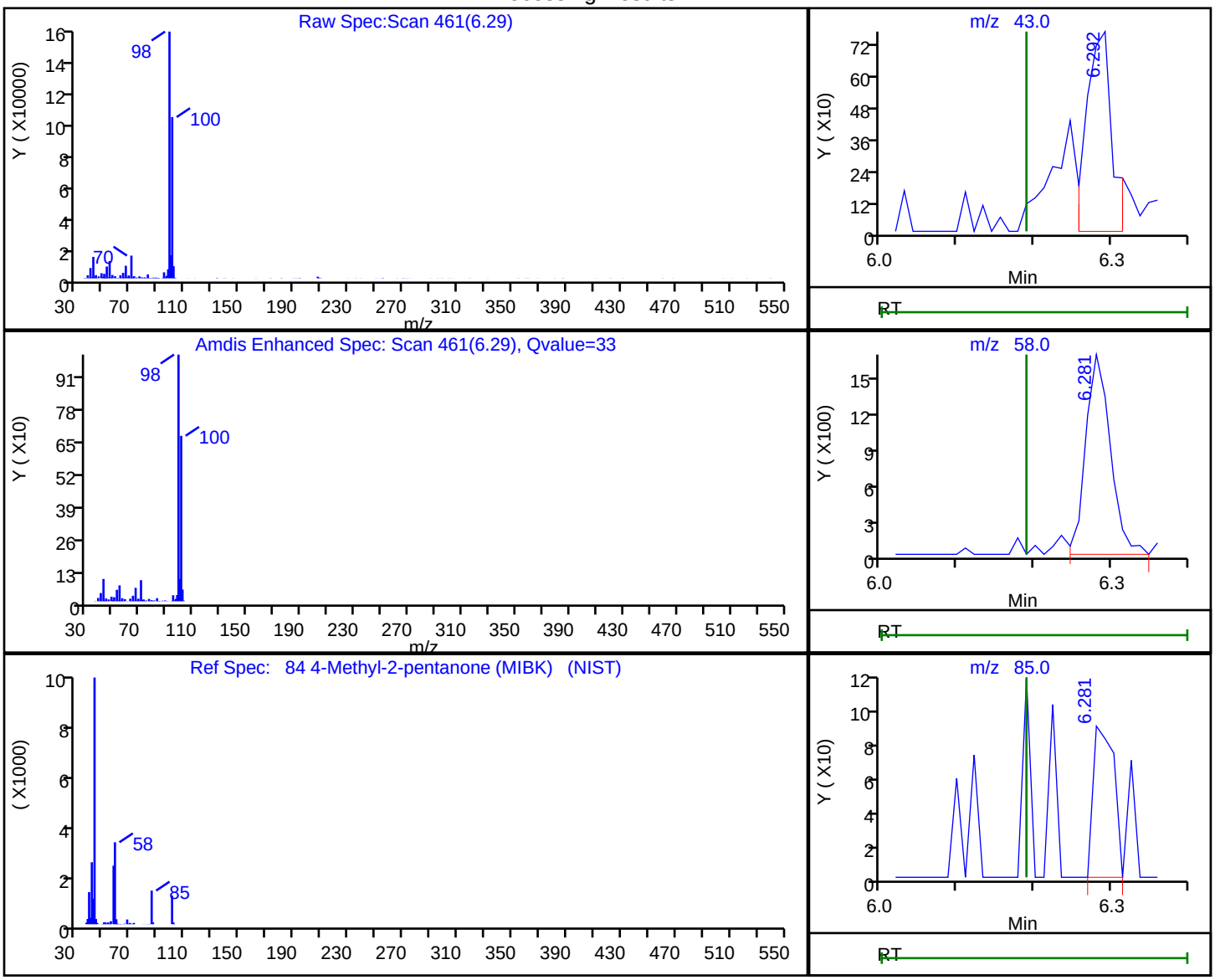
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21645.D				
Injection Date:	02-Jul-2022 03:16:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-9	Lab Sample ID:	460-261101-9		
Client ID:	MW-14_20220623				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.29	43.00	1765	0.771186
6.28	58.00	3644	
6.28	85.00	158	
6.28	100.00	298069	

Reviewer: HVW2, 02-Jul-2022 03:51:37

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-18_20220623 | Lab Sample ID: 460-261101-10

Matrix: Water | Lab File ID: V21646.D

Analysis Method: 8260D | Date Collected: 06/23/2022 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	51		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.2		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-18_20220623 | Lab Sample ID: 460-261101-10

Matrix: Water | Lab File ID: V21646.D

Analysis Method: 8260D | Date Collected: 06/23/2022 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D
Lims ID: 460-261101-A-10
Client ID: MW-18_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:38:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-10
Misc. Info.: 460-0147350-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:22:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	99	21594	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	133699	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	90	10462	2.46	
51 Chloroform	83	3.812	3.812	0.000	74	2637	0.4467	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	110104	53.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	108774	52.3	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	366043	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	11787	3.22	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	82	12714	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	463404	47.7	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	219275	50.9	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	294784	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	147286	55.9	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	156536	50.0	
S 136 1,2-Dichloroethene, Total	100				0		2.46	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:26:49 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D

Injection Date: 02-Jul-2022 03:38:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-10 Lab Sample ID: 460-261101-10

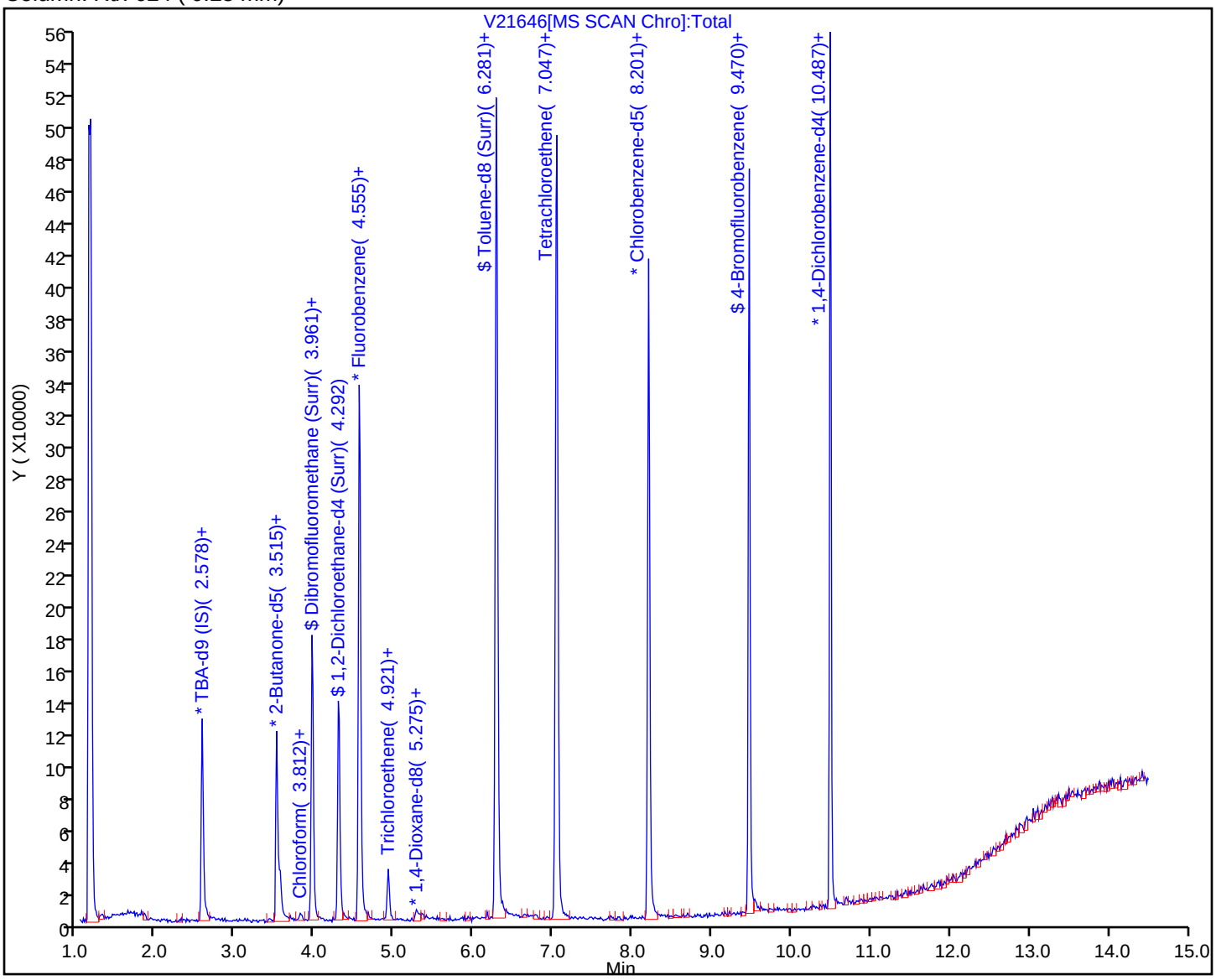
Client ID: MW-18_20220623

Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D
Lims ID: 460-261101-A-10
Client ID: MW-18_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:38:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-10
Misc. Info.: 460-0147350-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:22:46

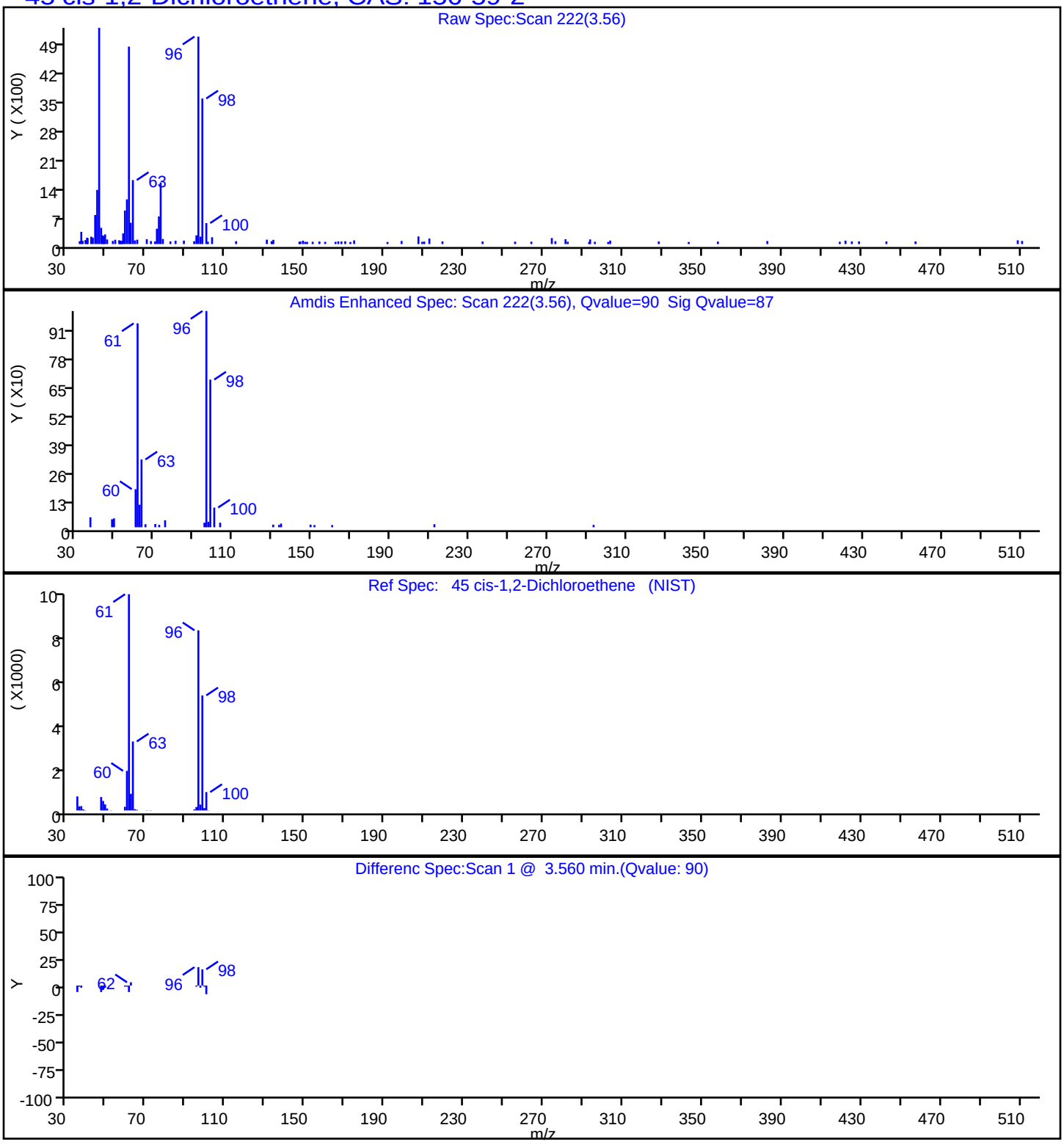
Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.2	106.32
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.61
$ 82 Toluene-d8 (Surr)	50.0	47.7	95.49
$ 105 4-Bromofluorobenzene	50.0	55.9	111.71

Report Date: 02-Jul-2022 19:26:49 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D				
Injection Date:	02-Jul-2022 03:38:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-10	Lab Sample ID:	460-261101-10		
Client ID:	MW-18_20220623				
Operator ID:		ALS Bottle#:	75	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



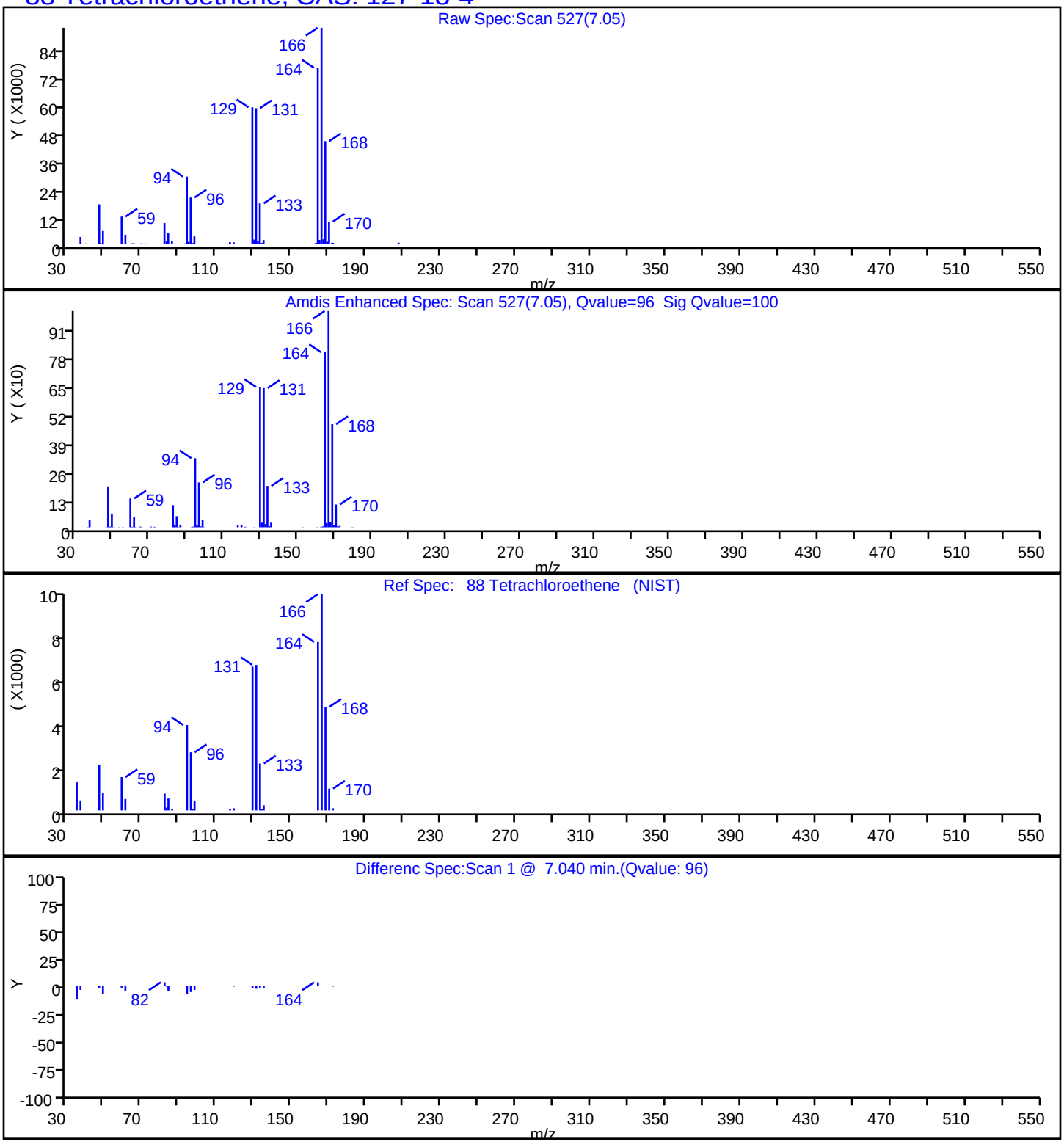
Report Date: 02-Jul-2022 19:26:49 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D

Injection Date:	02-Jul-2022 03:38:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-10	Lab Sample ID:	460-261101-10
Client ID:	MW-18_20220623		
Operator ID:		ALS Bottle#:	75 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



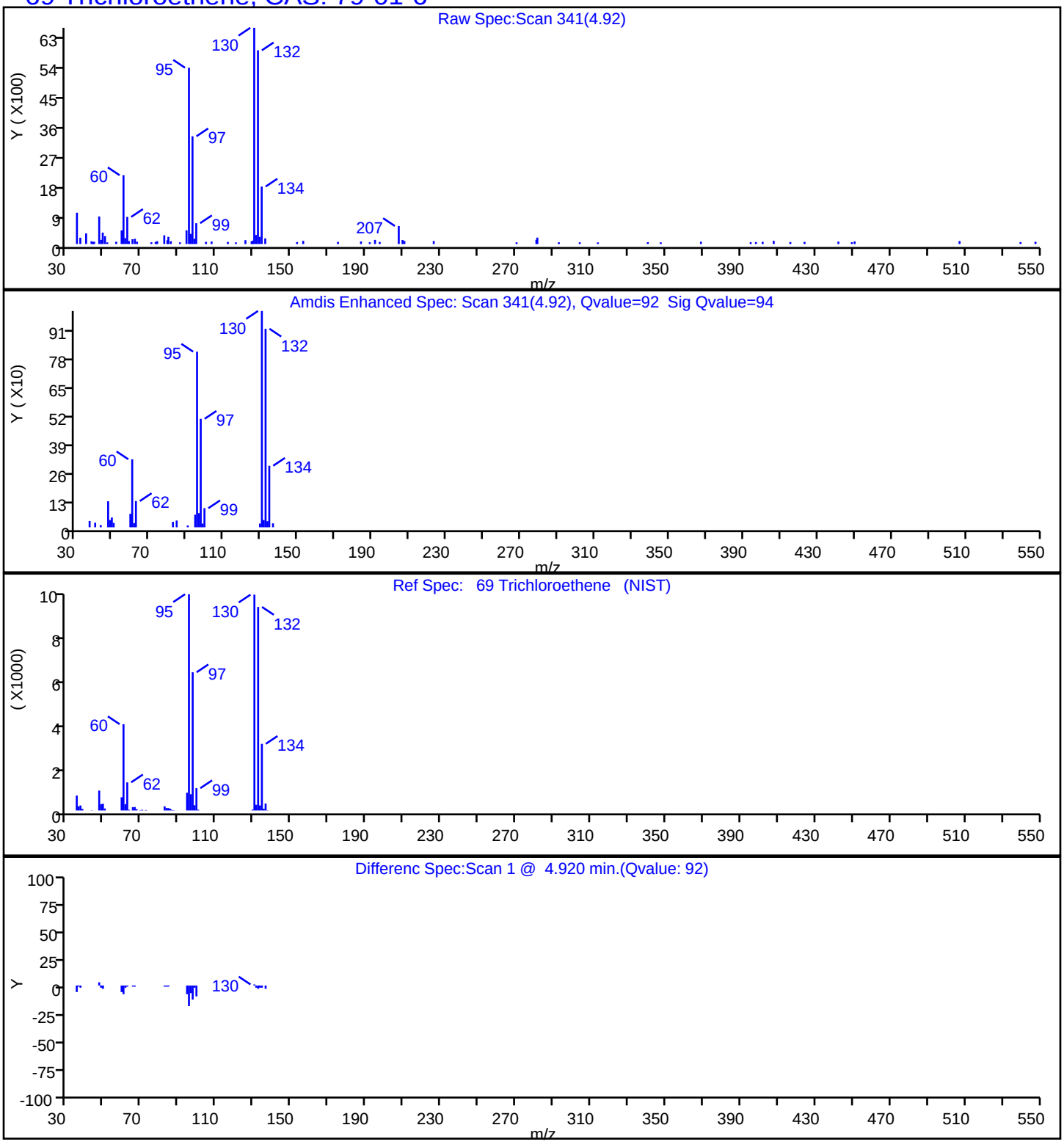
Report Date: 02-Jul-2022 19:26:49 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D

Injection Date:	02-Jul-2022 03:38:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-10	Lab Sample ID:	460-261101-10
Client ID:	MW-18_20220623		
Operator ID:		ALS Bottle#:	75 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



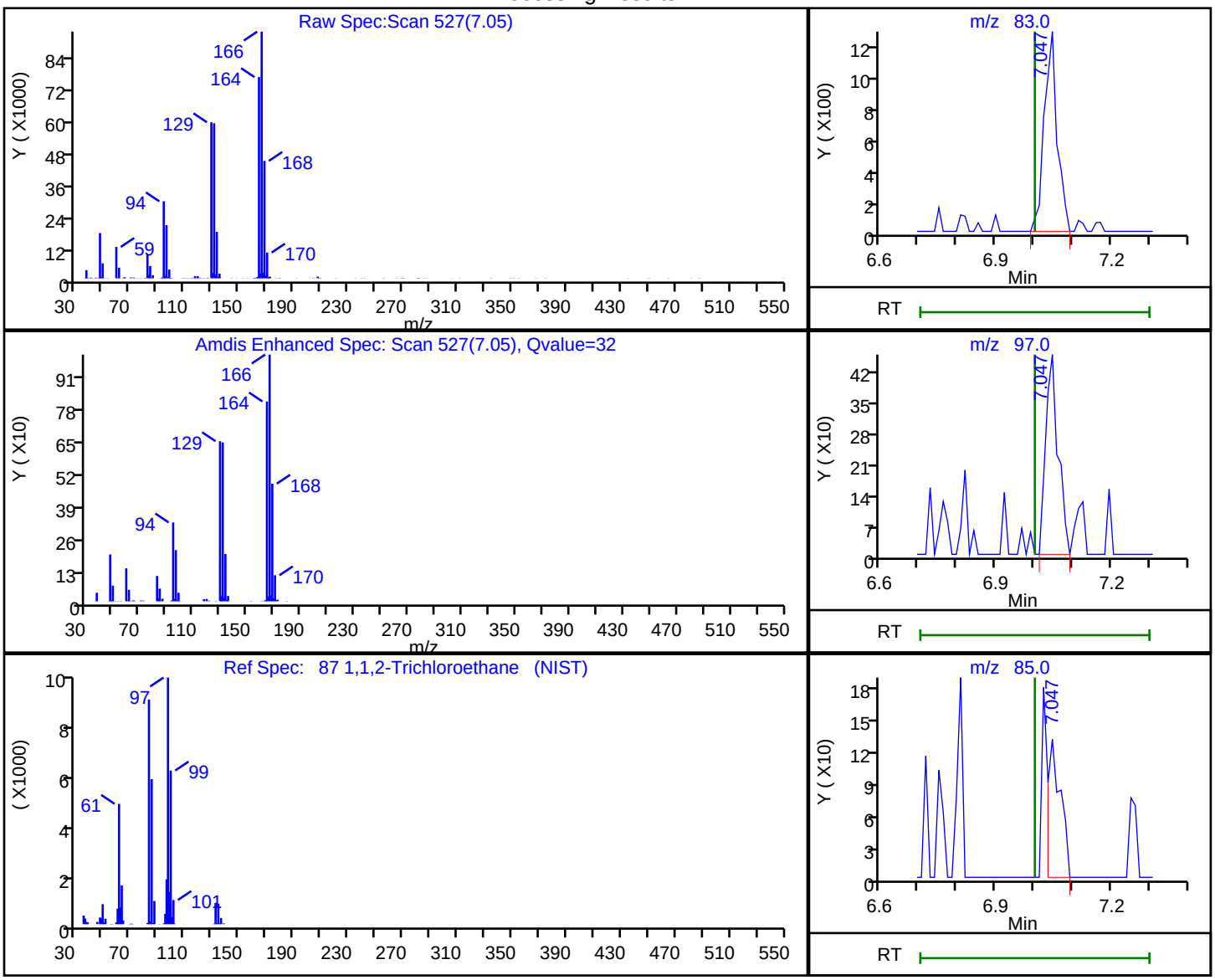
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D		
Injection Date:	02-Jul-2022 03:38:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-10	Lab Sample ID:	460-261101-10
Client ID:	MW-18_20220623		
Operator ID:		ALS Bottle#:	75 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	2954	1.020509
7.05	97.00	1026	
7.05	85.00	287	

Reviewer: RD6L, 02-Jul-2022 08:22:27

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

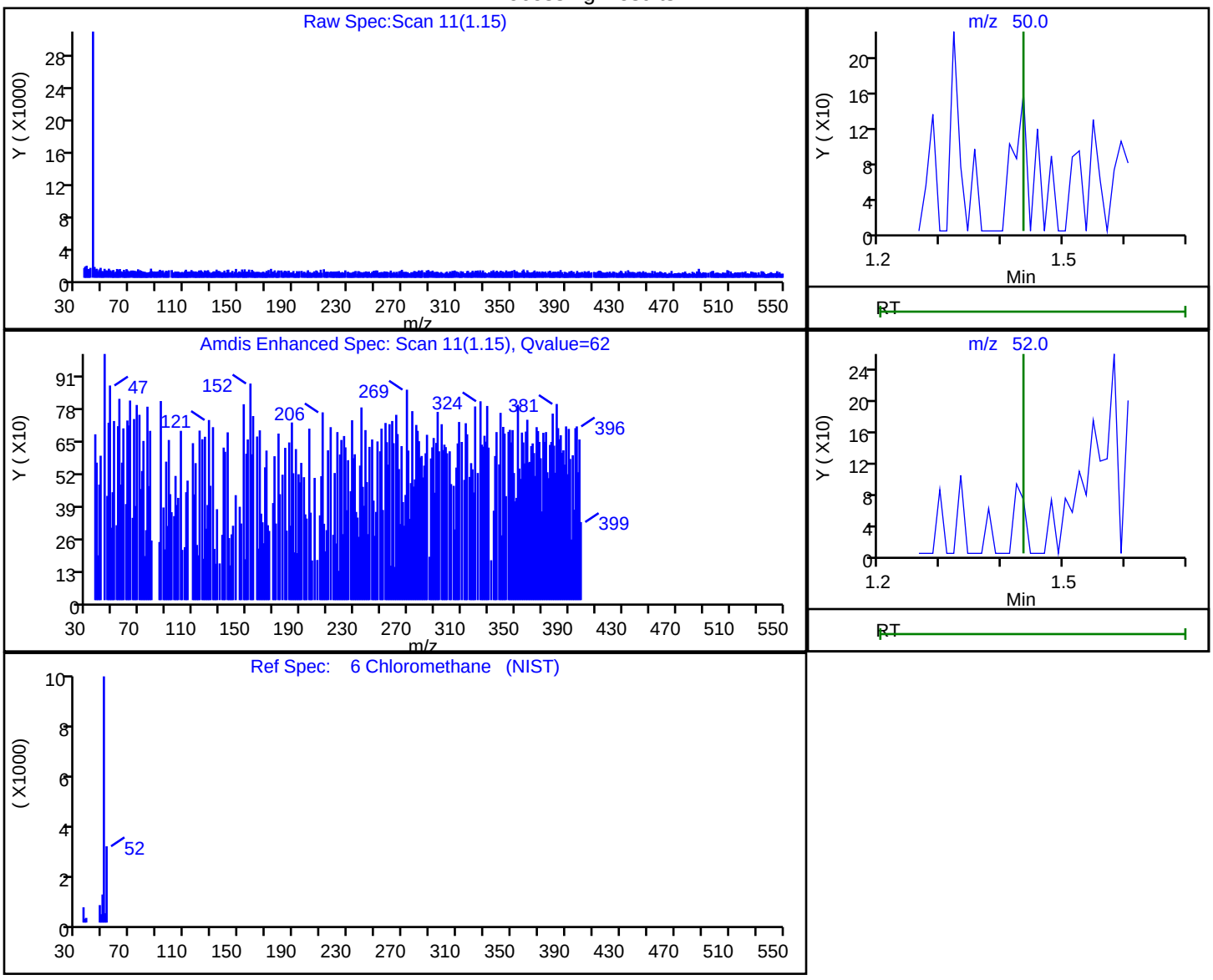
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21646.D		
Injection Date:	02-Jul-2022 03:38:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-10	Lab Sample ID:	460-261101-10
Client ID:	MW-18_20220623		
Operator ID:		ALS Bottle#:	75 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.15	50.00	2486	0.431939
1.14	52.00	2562	

Reviewer: RD6L, 02-Jul-2022 08:22:21

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 | Lab Sample ID: 460-261101-11

Matrix: Water | Lab File ID: V21647.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	76		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	68		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	26		0.50	0.31
75-01-4	Vinyl chloride	3.1		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 | Lab Sample ID: 460-261101-11

Matrix: Water | Lab File ID: V21647.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D
Lims ID: 460-261101-A-11
Client ID: MW-19_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:59:30 ALS Bottle#: 76 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11
Misc. Info.: 460-0147350-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:27:37 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:23:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.492	1.480	0.012	96	10896	3.05	
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	19388	1000.0	
32 Methyl tert-butyl ether	73	2.726	2.715	0.011	84	4031	0.4298	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	83	1665	0.4804	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	97	115617	250.0	
45 cis-1,2-Dichloroethene	96	3.560	3.561	-0.001	92	294079	76.1	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	-0.001	97	99484	52.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	93071	49.3	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	332607	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	87289	26.2	
* 68 1,4-Dioxane-d8	96	5.286	5.286	0.000	91	14382	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	409725	47.3	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	262077	68.1	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	263047	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	125830	53.5	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	139714	50.0	
S 136 1,2-Dichloroethene, Total	100				0		76.6	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:27:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D

Injection Date: 02-Jul-2022 03:59:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-11 Lab Sample ID: 460-261101-11

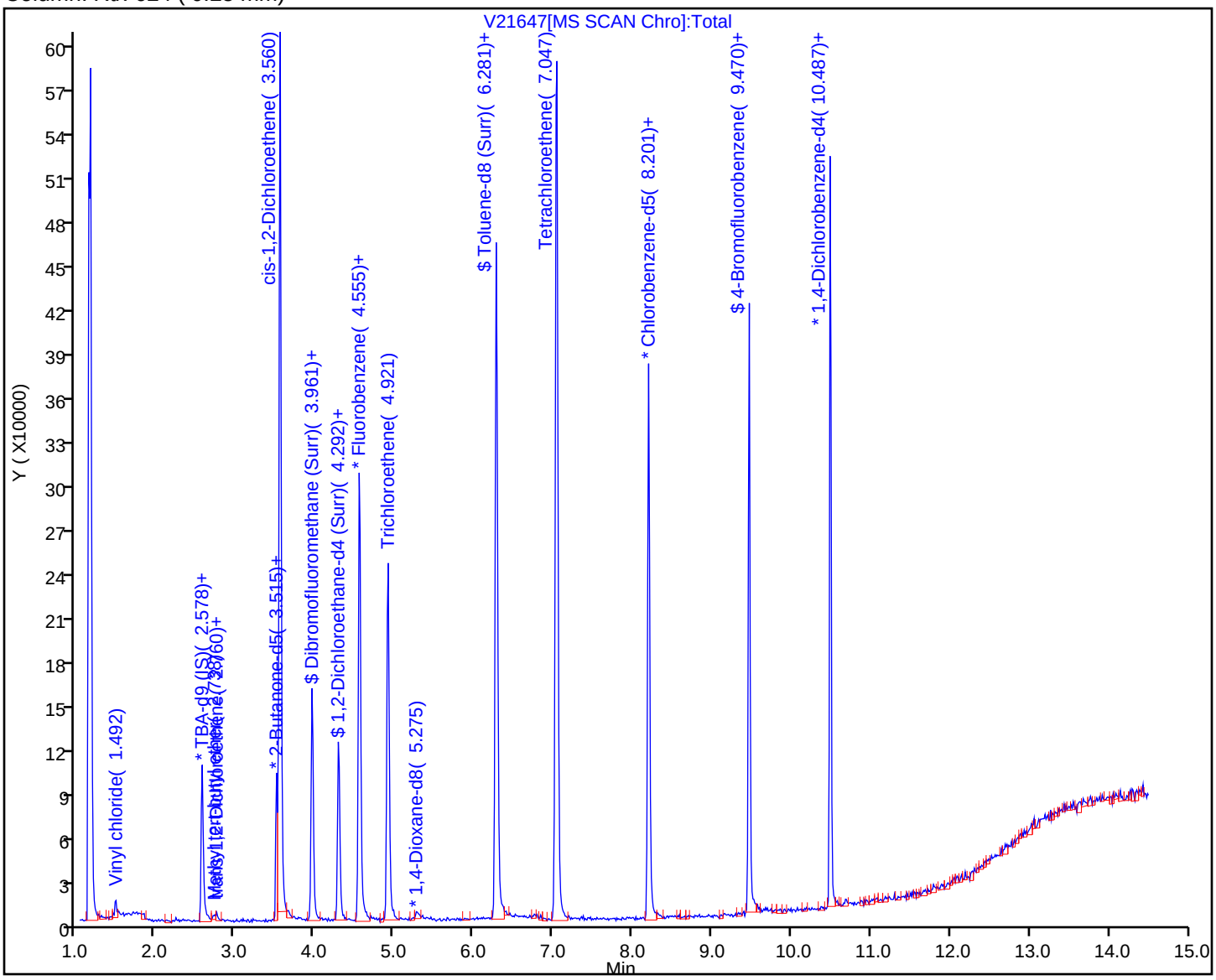
Client ID: MW-19_20220623

Operator ID: ALS Bottle#: 76 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D
Lims ID: 460-261101-A-11
Client ID: MW-19_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 03:59:30 ALS Bottle#: 76 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11
Misc. Info.: 460-0147350-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:27:37 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:23:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.9	105.73
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.3	98.50
$ 82 Toluene-d8 (Surr)	50.0	47.3	94.62
$ 105 4-Bromofluorobenzene	50.0	53.5	106.95

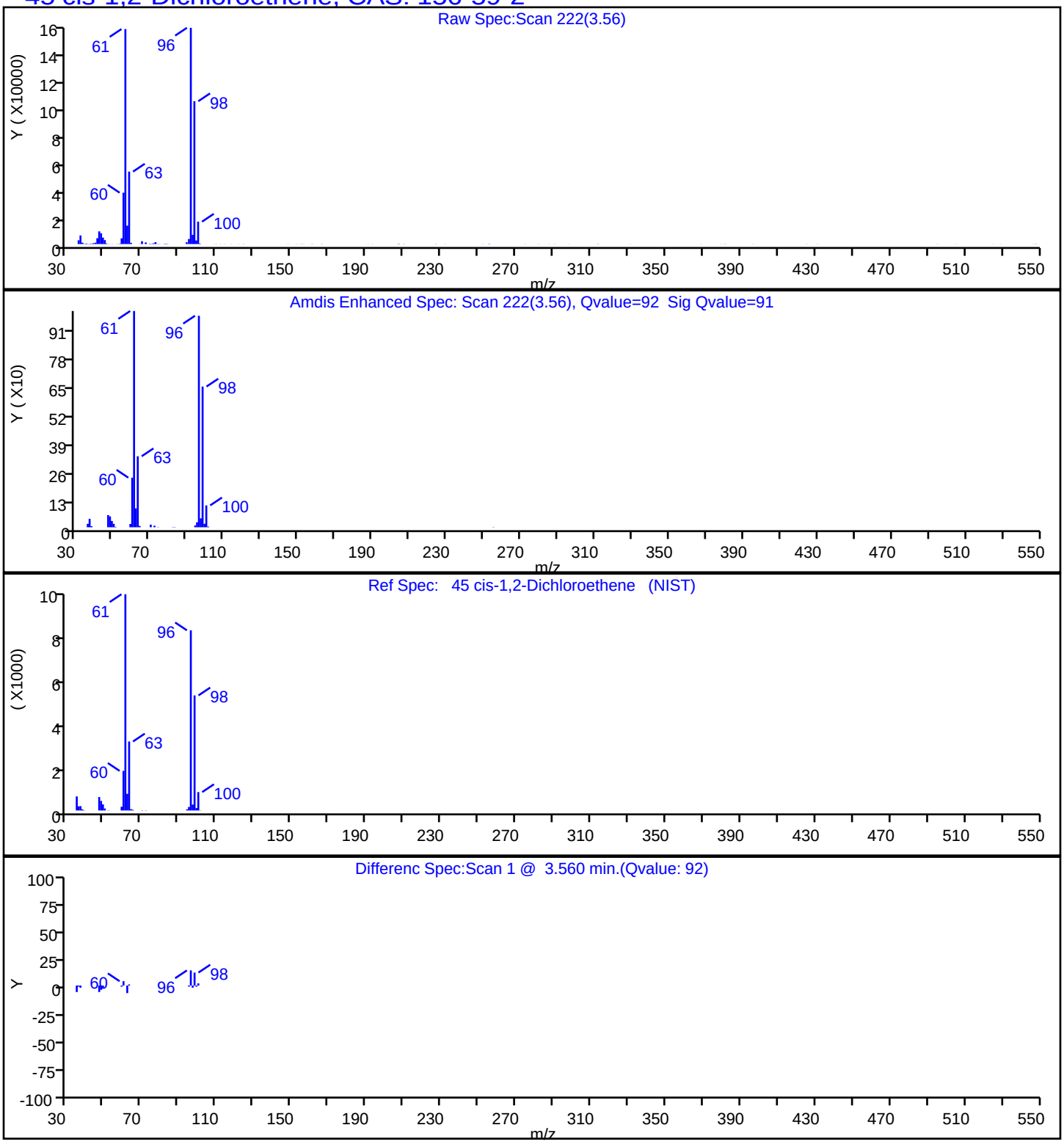
Report Date: 02-Jul-2022 19:27:38 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D

Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11		
Client ID:	MW-19_20220623				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



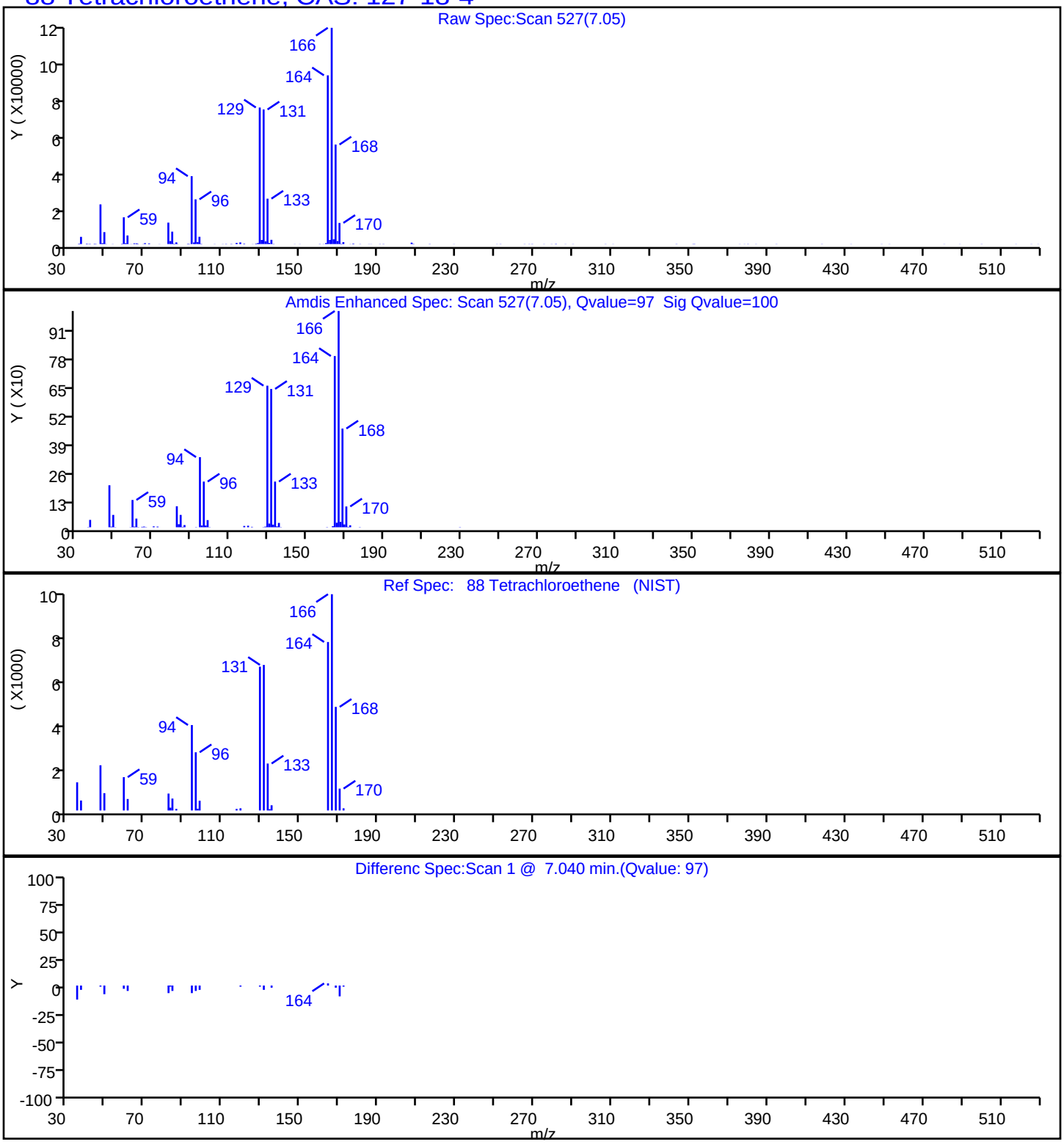
Report Date: 02-Jul-2022 19:27:38 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D

Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11
Client ID:	MW-19_20220623		
Operator ID:		ALS Bottle#:	76 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4

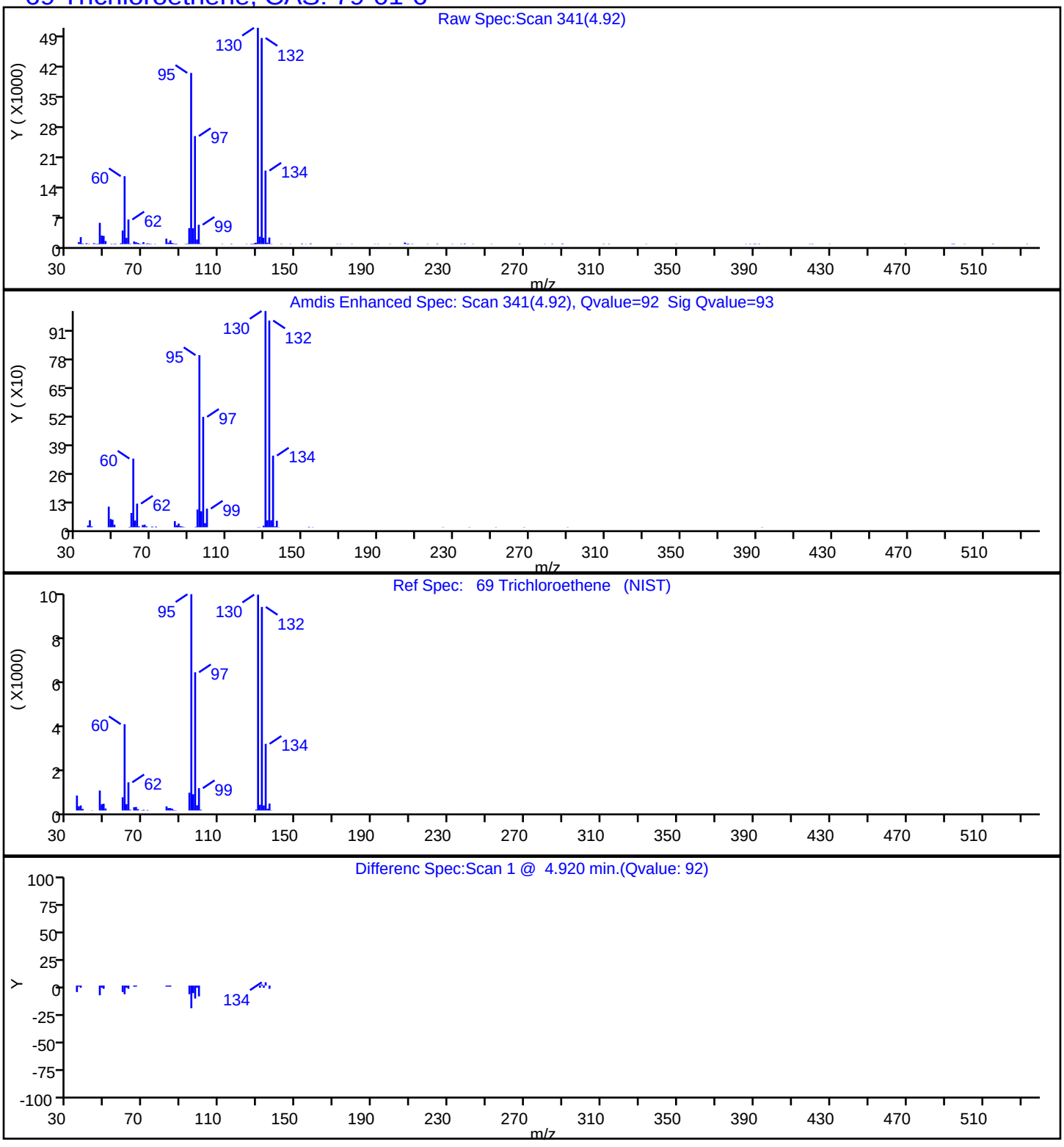


Report Date: 02-Jul-2022 19:27:38 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D				
Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11		
Client ID:	MW-19_20220623				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



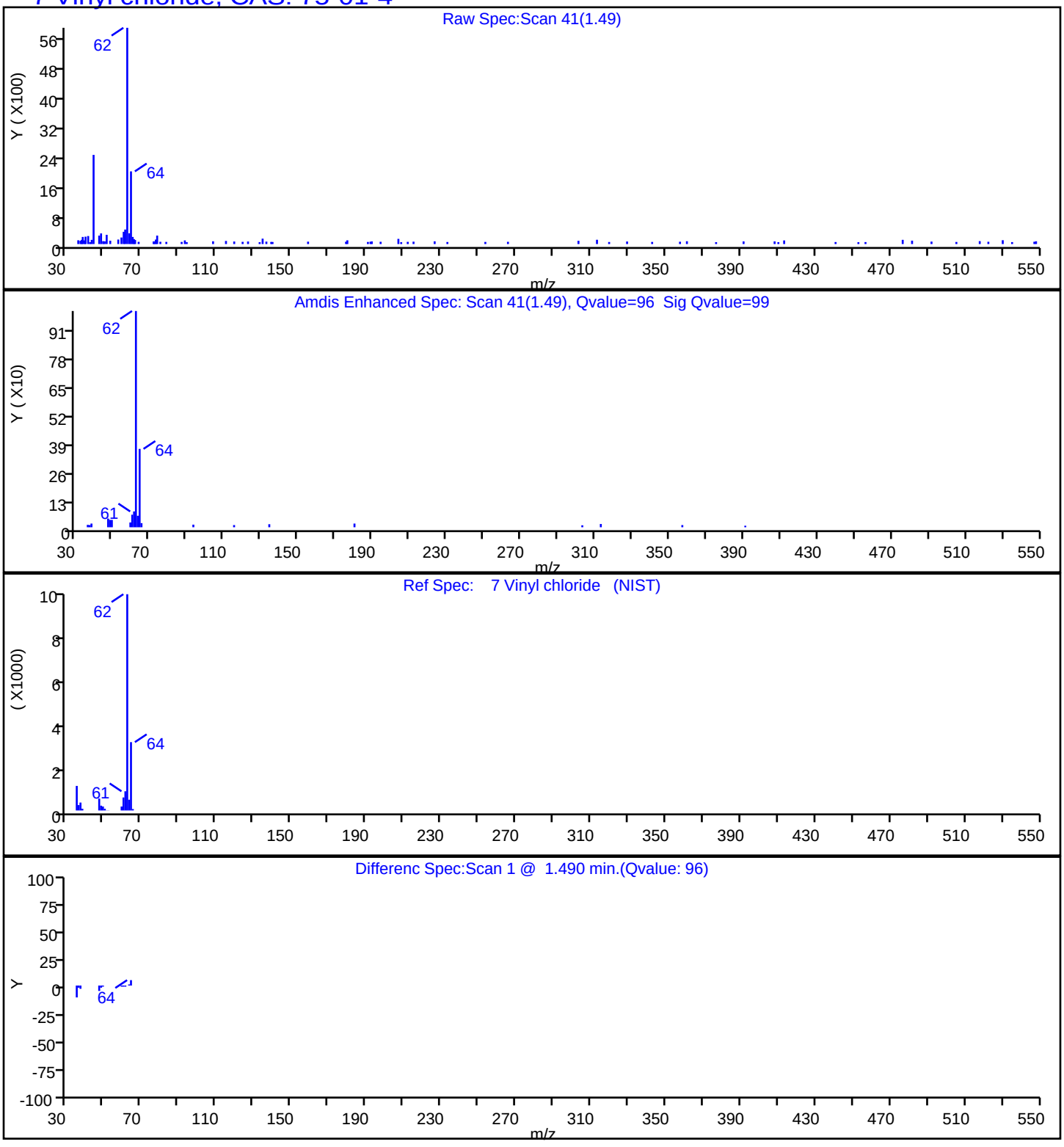
Report Date: 02-Jul-2022 19:27:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D

Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11
Client ID:	MW-19_20220623		
Operator ID:		ALS Bottle#:	76 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4



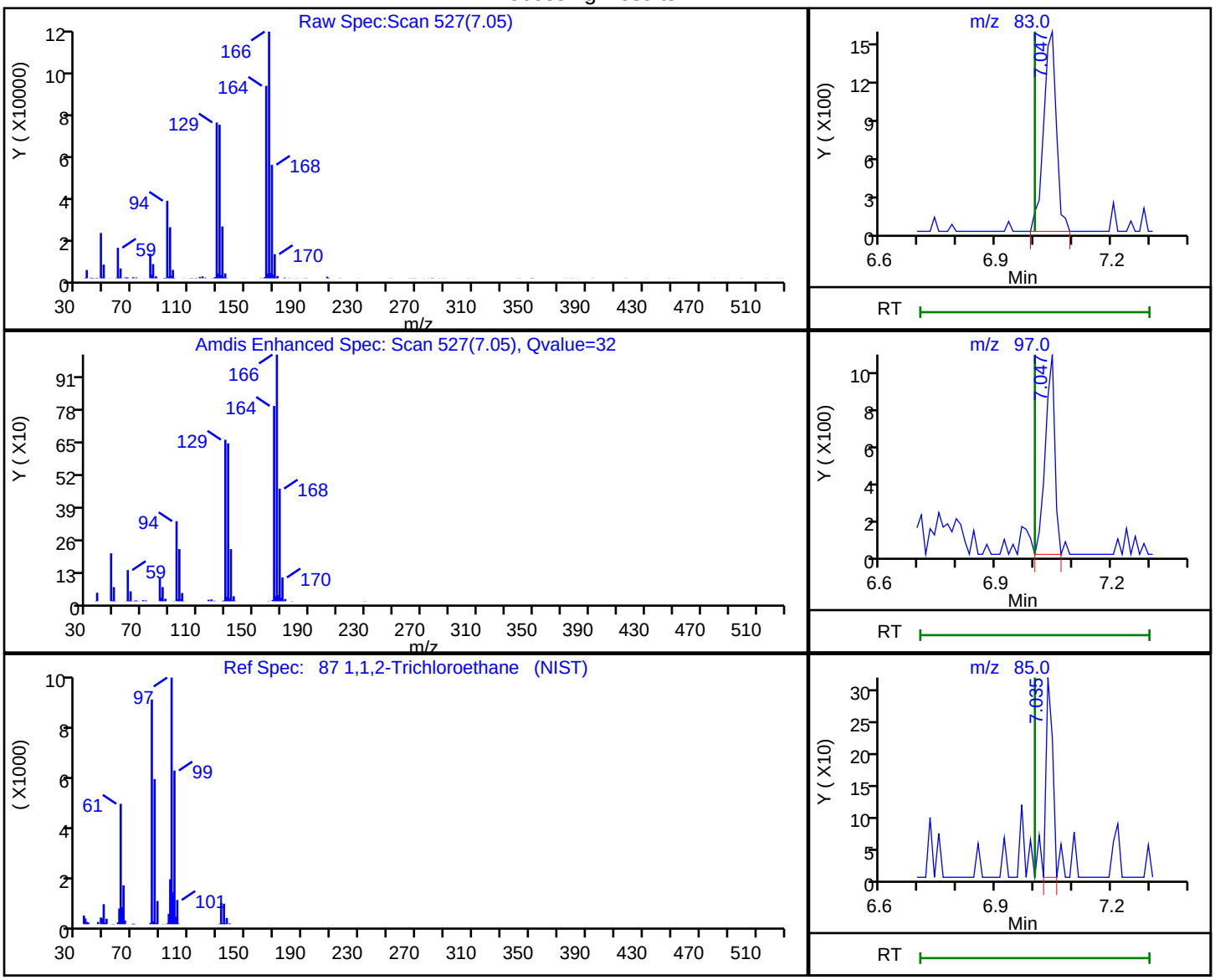
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D
Injection Date: 02-Jul-2022 03:59:30 Instrument ID: CVOAMS7
Lims ID: 460-261101-A-11 Lab Sample ID: 460-261101-11
Client ID: MW-19_20220623
Operator ID: ALS Bottle#: 76 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.05	83.00	3561	1.378634
7.05	97.00	1737	
7.04	85.00	366	

Reviewer: RD6L, 02-Jul-2022 08:23:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

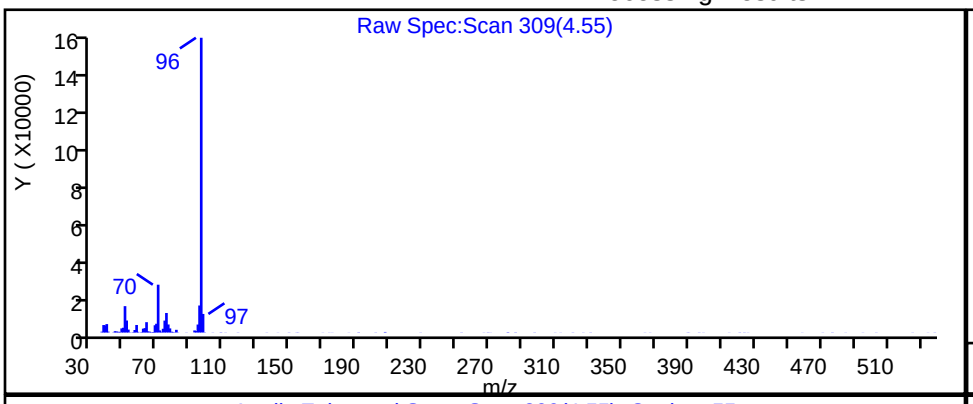
User Disabled Compound Report

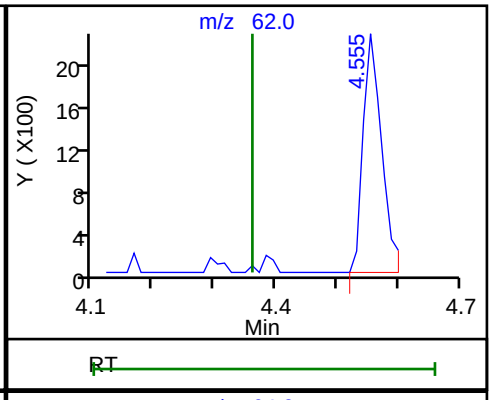
Eurofins Edison

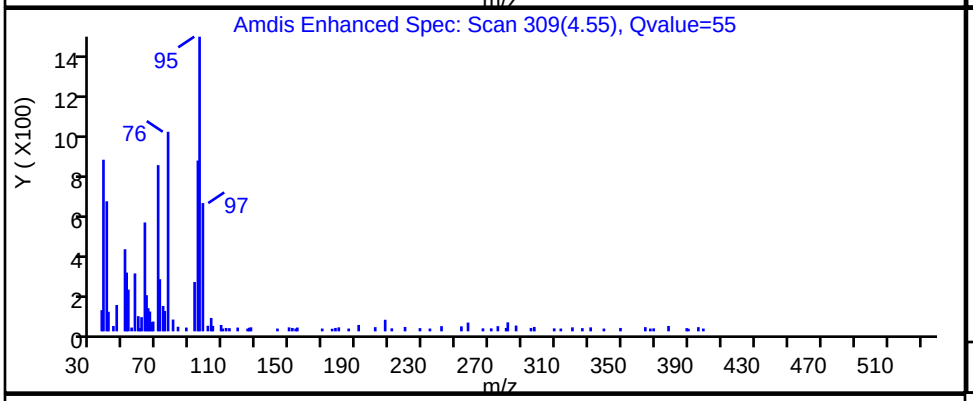
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D				
Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11		
Client ID:	MW-19_20220623				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

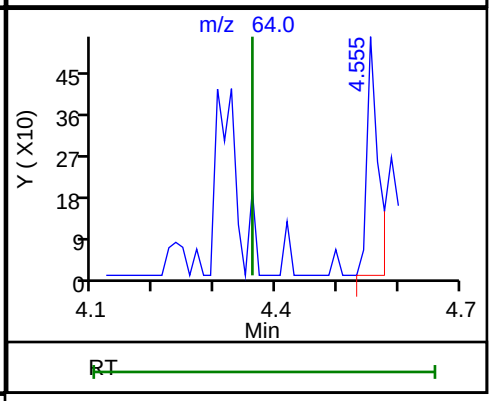
63 1,2-Dichloroethane, CAS: 107-06-2

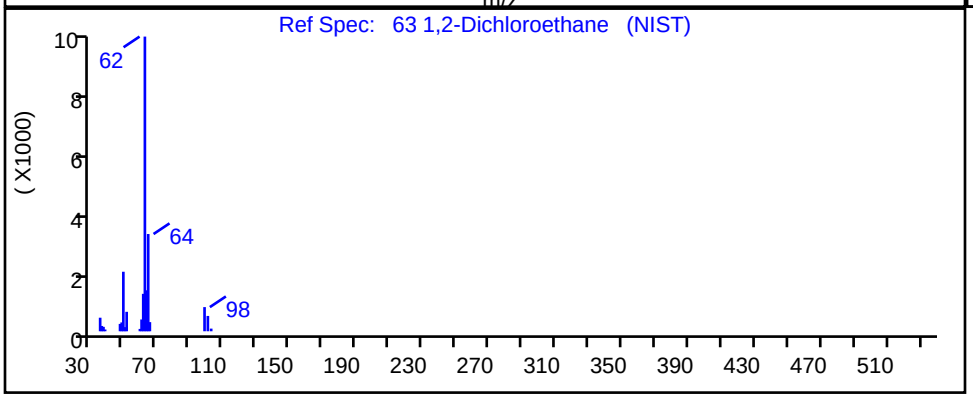
Processing Results











RT	Mass	Response	Amount
4.55	62.00	4775	1.219538
4.55	64.00	670	

Reviewer: RD6L, 02-Jul-2022 08:23:11

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

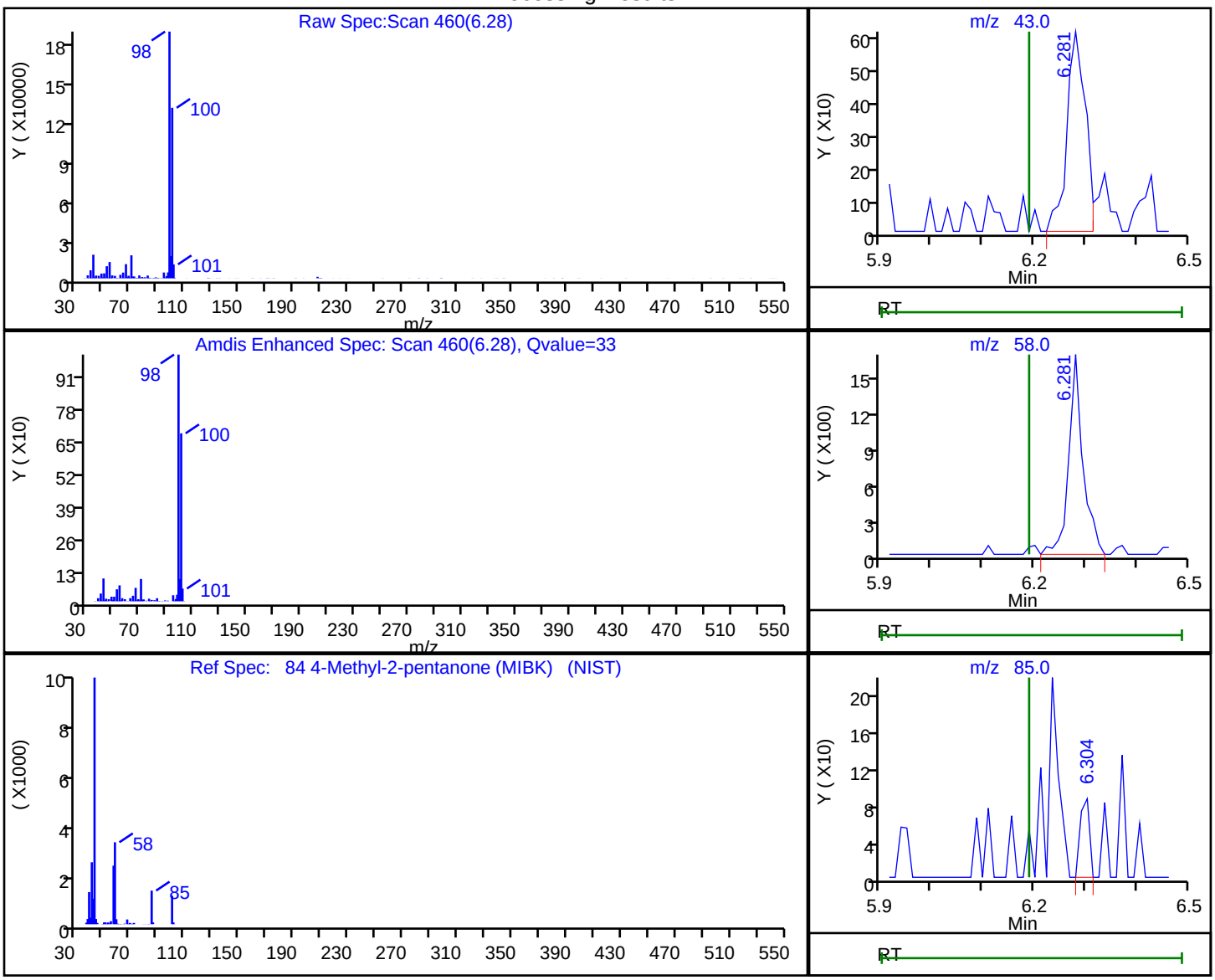
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21647.D				
Injection Date:	02-Jul-2022 03:59:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-11	Lab Sample ID:	460-261101-11		
Client ID:	MW-19_20220623				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	1564	0.687394
6.28	58.00	3285	
6.30	85.00	105	
6.28	100.00	279085	

Reviewer: RD6L, 02-Jul-2022 08:23:18

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-24_20220624 | Lab Sample ID: 460-261101-12

Matrix: Water | Lab File ID: V21648.D

Analysis Method: 8260D | Date Collected: 06/24/2022 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	8.1		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	4.4		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	55		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-24_20220624 | Lab Sample ID: 460-261101-12

Matrix: Water | Lab File ID: V21648.D

Analysis Method: 8260D | Date Collected: 06/24/2022 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D
Lims ID: 460-261101-A-12
Client ID: MW-24_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 04:20:30 ALS Bottle#: 77 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-12
Misc. Info.: 460-0147350-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:27:37 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:25:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	99	19951	1000.0	
32 Methyl tert-butyl ether	73	2.726	2.715	0.011	96	44127	4.38	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	34	717	0.1925	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	120790	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	-0.001	90	33652	8.11	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	109748	54.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	102731	50.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	357492	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	90	16980	4.74	
* 68 1,4-Dioxane-d8	96	5.298	5.286	0.012	87	13546	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	446824	48.1	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	225573	54.7	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	282034	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	139413	55.3	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	146194	50.0	
S 136 1,2-Dichloroethene, Total	100				0		8.30	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 19:27:59 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D

Injection Date: 02-Jul-2022 04:20:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-12 Lab Sample ID: 460-261101-12

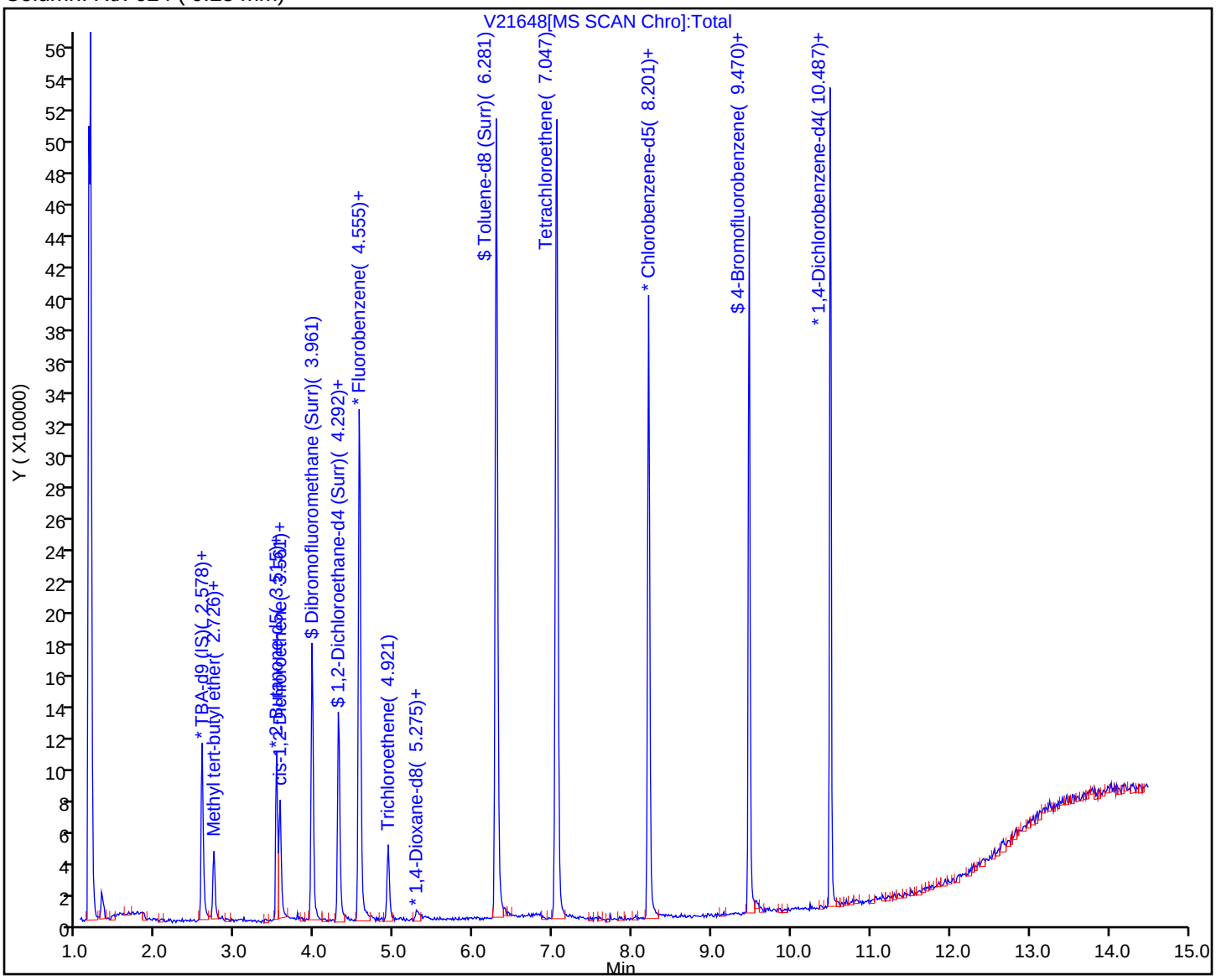
Client ID: MW-24_20220624

Operator ID: ALS Bottle#: 77 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D
Lims ID: 460-261101-A-12
Client ID: MW-24_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 04:20:30 ALS Bottle#: 77 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-12
Misc. Info.: 460-0147350-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:27:37 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:25:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.3	108.51
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.16
$ 82 Toluene-d8 (Surr)	50.0	48.1	96.24
$ 105 4-Bromofluorobenzene	50.0	55.3	110.52

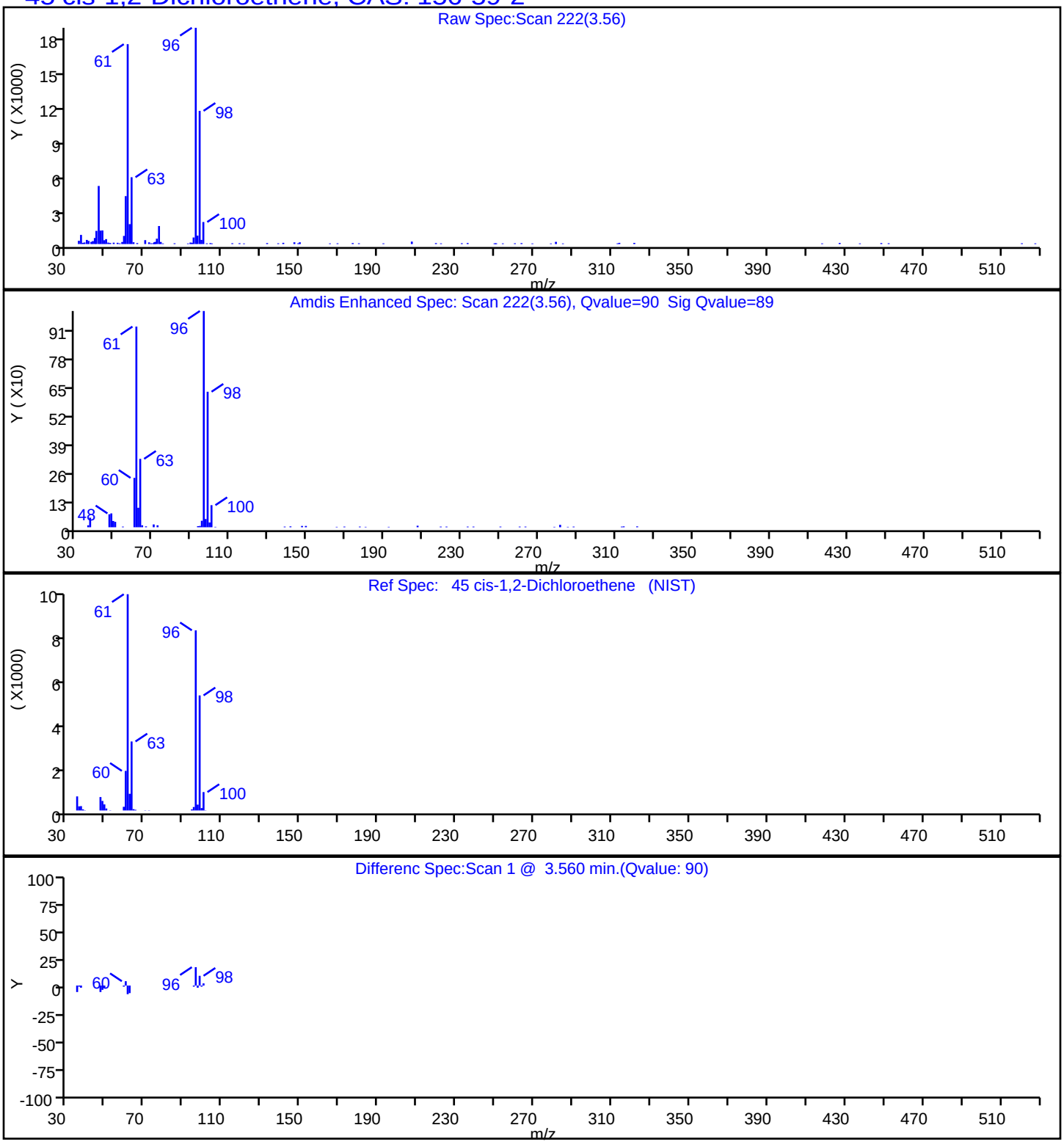
Report Date: 02-Jul-2022 19:27:59 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D

Injection Date:	02-Jul-2022 04:20:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-12	Lab Sample ID:	460-261101-12		
Client ID:	MW-24_20220624				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

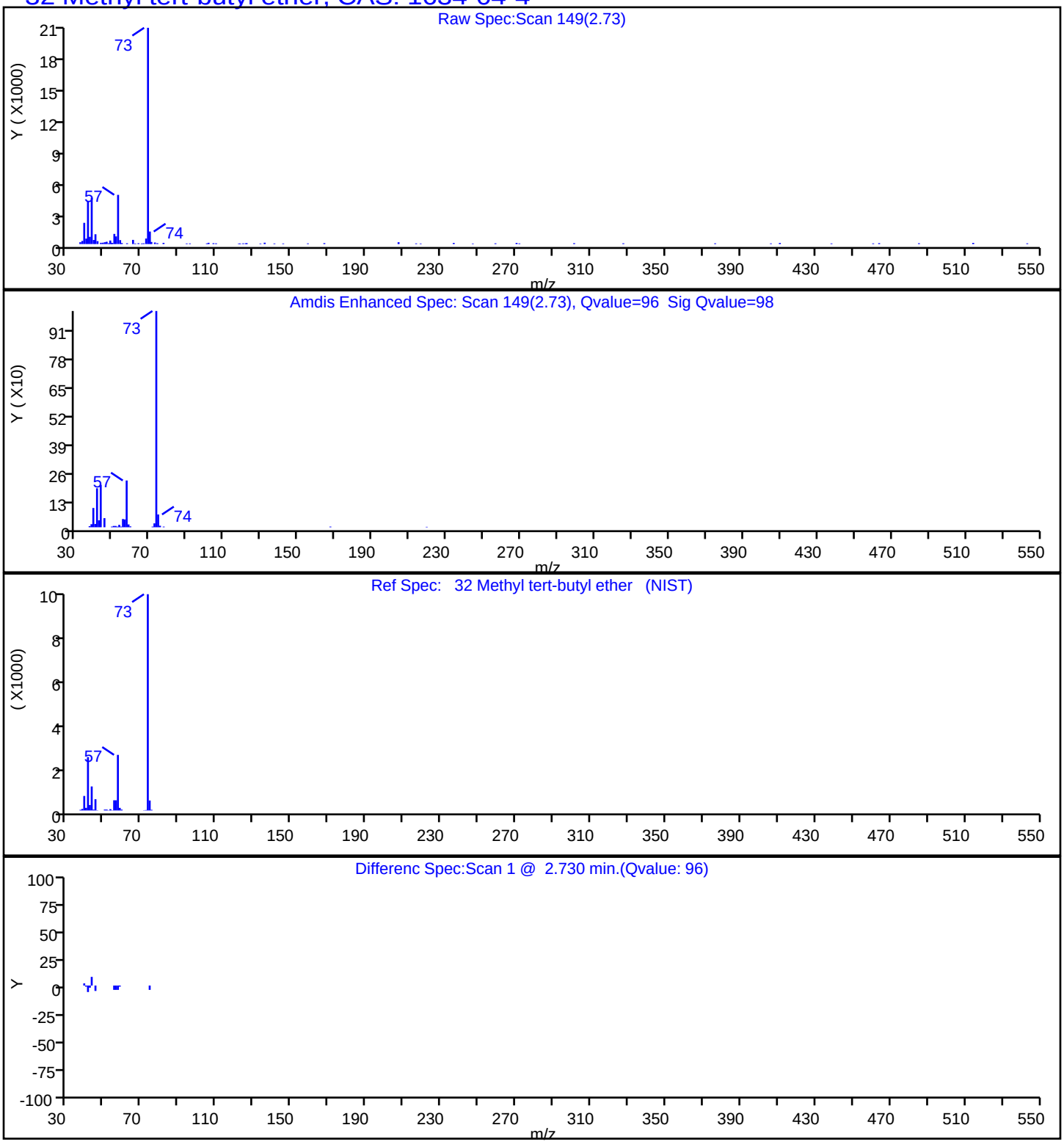


Report Date: 02-Jul-2022 19:27:59 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D				
Injection Date:	02-Jul-2022 04:20:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-12	Lab Sample ID:	460-261101-12		
Client ID:	MW-24_20220624				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



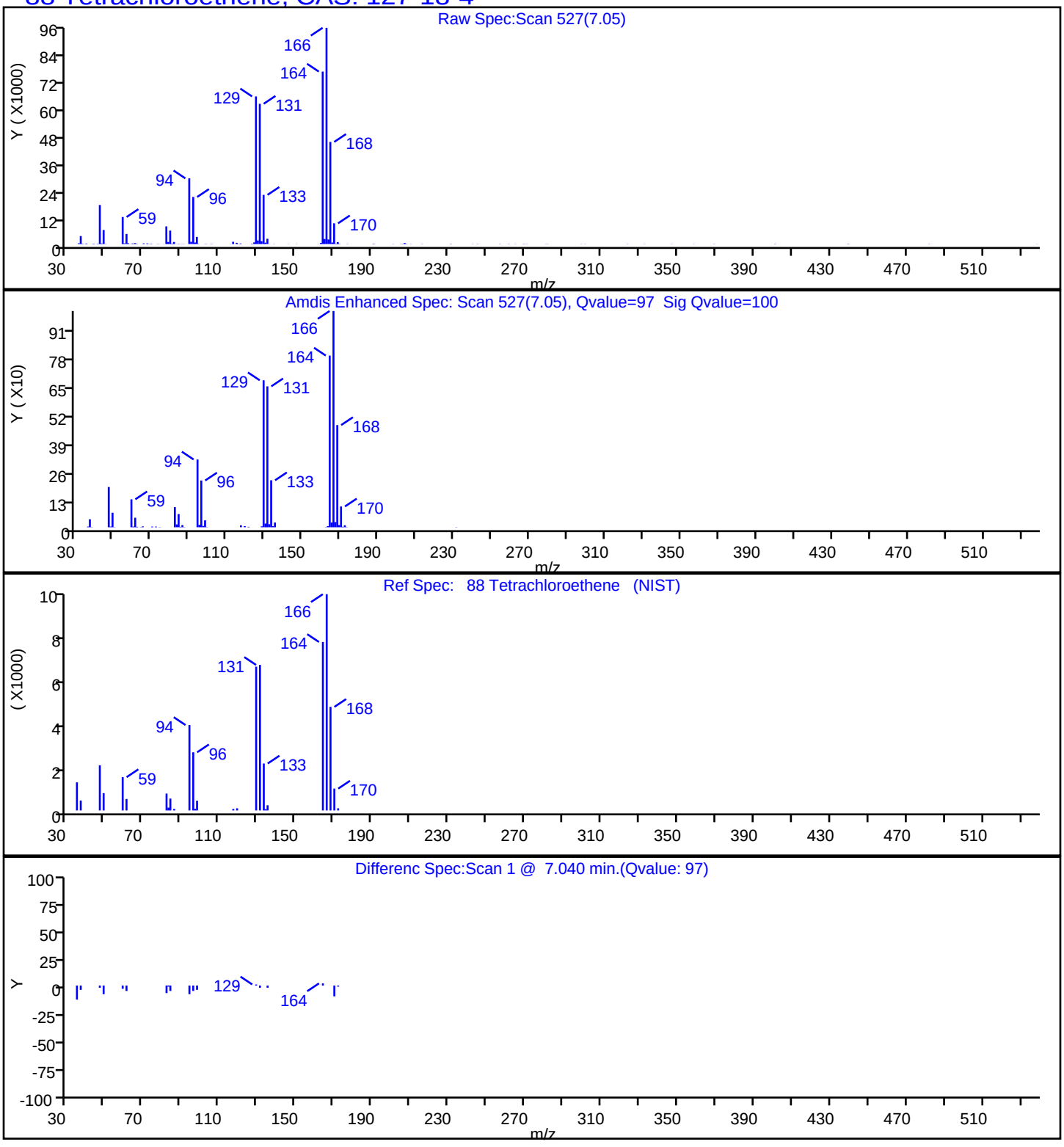
Report Date: 02-Jul-2022 19:27:59 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D

Injection Date:	02-Jul-2022 04:20:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-12	Lab Sample ID:	460-261101-12
Client ID:	MW-24_20220624		
Operator ID:		ALS Bottle#:	77 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



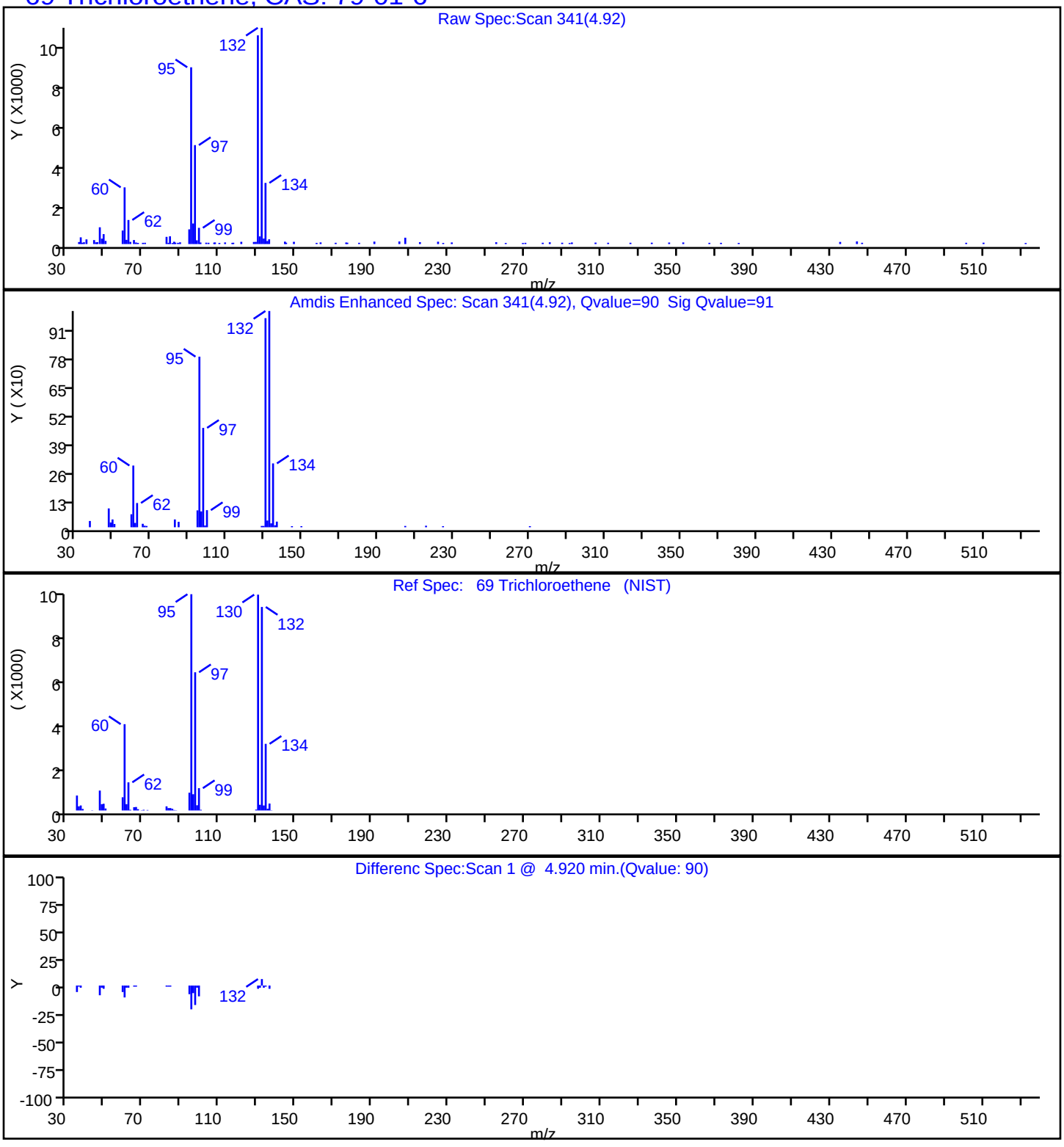
Report Date: 02-Jul-2022 19:27:59 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D

Injection Date:	02-Jul-2022 04:20:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-12	Lab Sample ID:	460-261101-12
Client ID:	MW-24_20220624		
Operator ID:		ALS Bottle#:	77 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



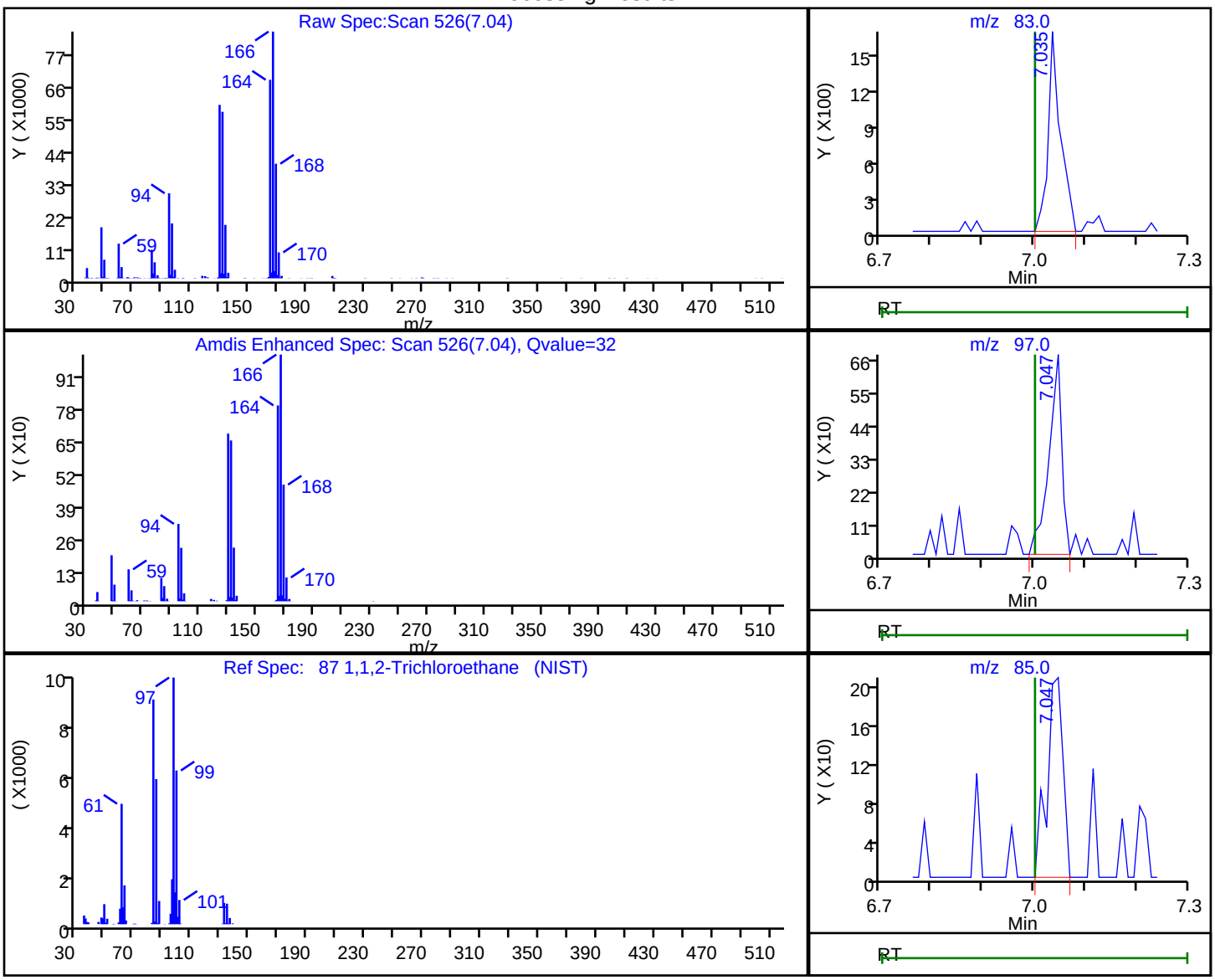
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21648.D				
Injection Date:	02-Jul-2022 04:20:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-12	Lab Sample ID:	460-261101-12		
Client ID:	MW-24_20220624				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	2811	1.015009
7.05	97.00	1182	
7.05	85.00	451	

Reviewer: RD6L, 02-Jul-2022 08:25:14

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-25_20220623 | Lab Sample ID: 460-261101-13

Matrix: Water | Lab File ID: V21660.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	11		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	32		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	5.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-25_20220623 | Lab Sample ID: 460-261101-13

Matrix: Water | Lab File ID: V21660.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D
Lims ID: 460-261101-A-13
Client ID: MW-25_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 09:54:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-13
Misc. Info.: 460-0147363-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 10:29:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.566	0.012	100	19603	1000.0	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	97	111467	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	94	43631	10.6	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	106782	53.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	101940	50.7	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	353790	50.0	
69 Trichloroethene	95	4.909	4.921	-0.012	92	20078	5.67	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	87	10035	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	443501	46.7	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	136098	32.3	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	288387	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	135062	52.4	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	148694	50.0	
S 136 1,2-Dichloroethene, Total	100				0		10.6	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 03-Jul-2022 11:10:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D

Injection Date: 02-Jul-2022 09:54:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-13 Lab Sample ID: 460-261101-13

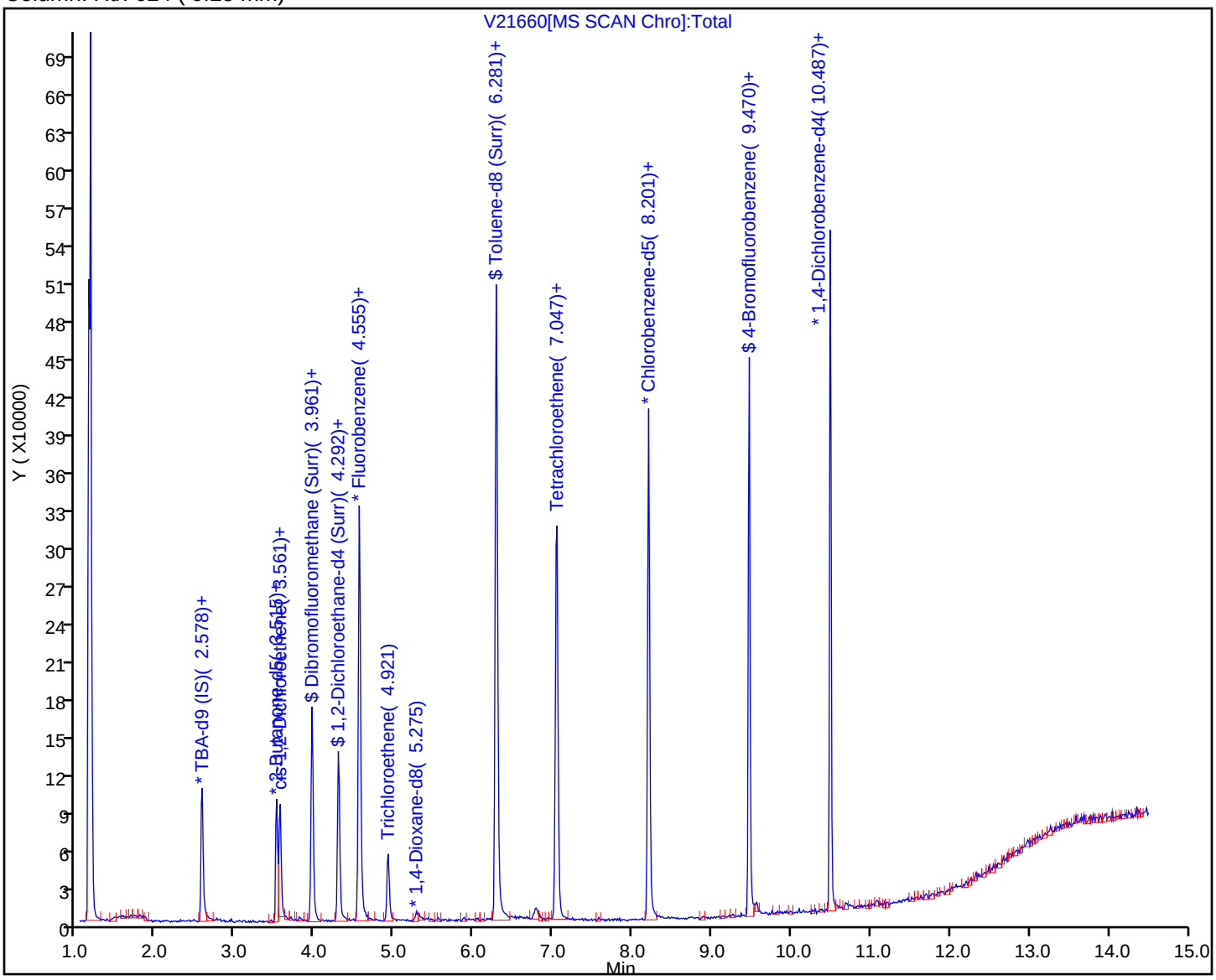
Client ID: MW-25_20220623

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D
Lims ID: 460-261101-A-13
Client ID: MW-25_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 09:54:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-13
Misc. Info.: 460-0147363-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 10:29:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.3	106.69
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.43
$ 82 Toluene-d8 (Surr)	50.0	46.7	93.42
$ 105 4-Bromofluorobenzene	50.0	52.4	104.71

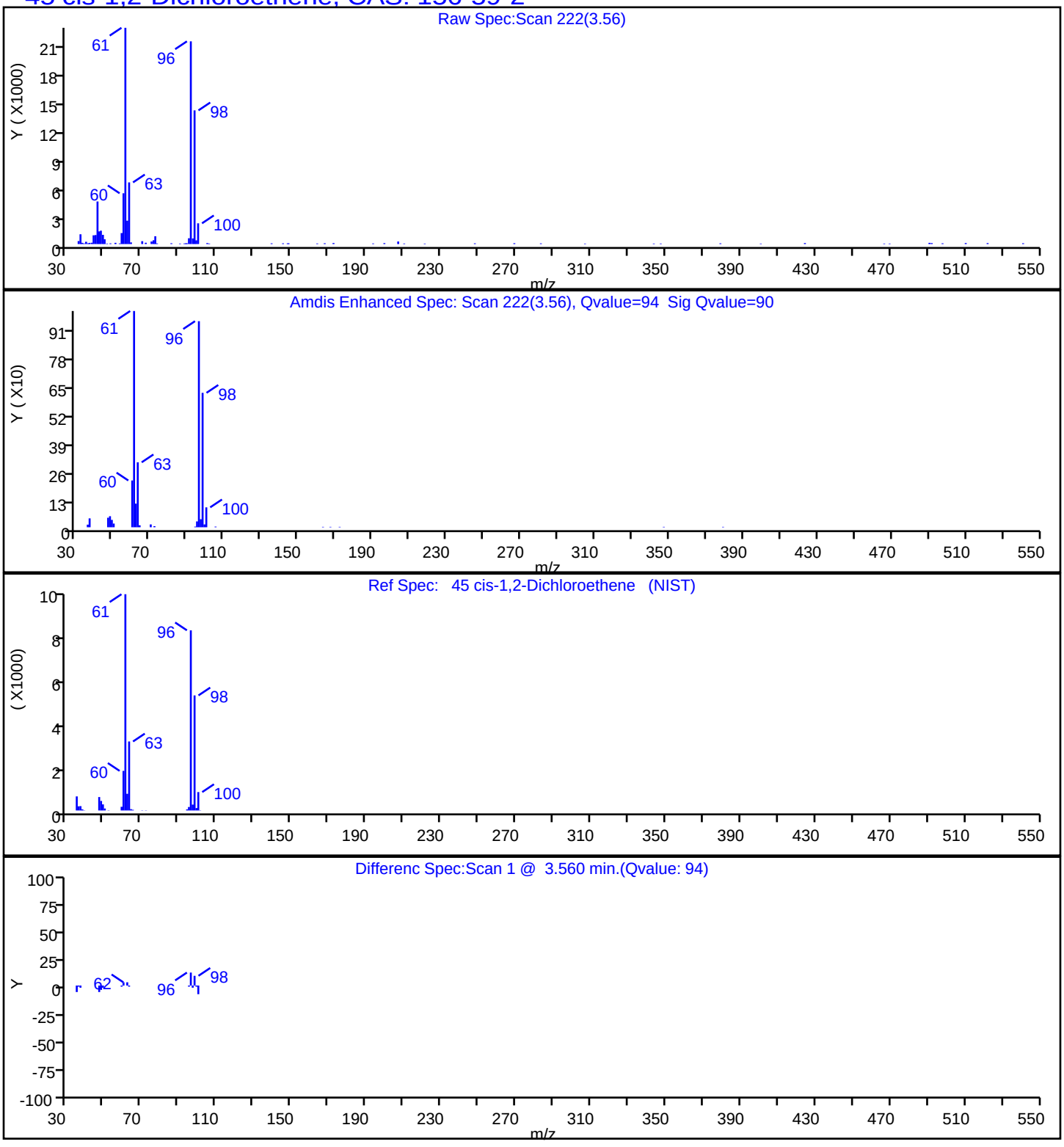
Report Date: 03-Jul-2022 11:10:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D

Injection Date:	02-Jul-2022 09:54:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-13	Lab Sample ID:	460-261101-13		
Client ID:	MW-25_20220623				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



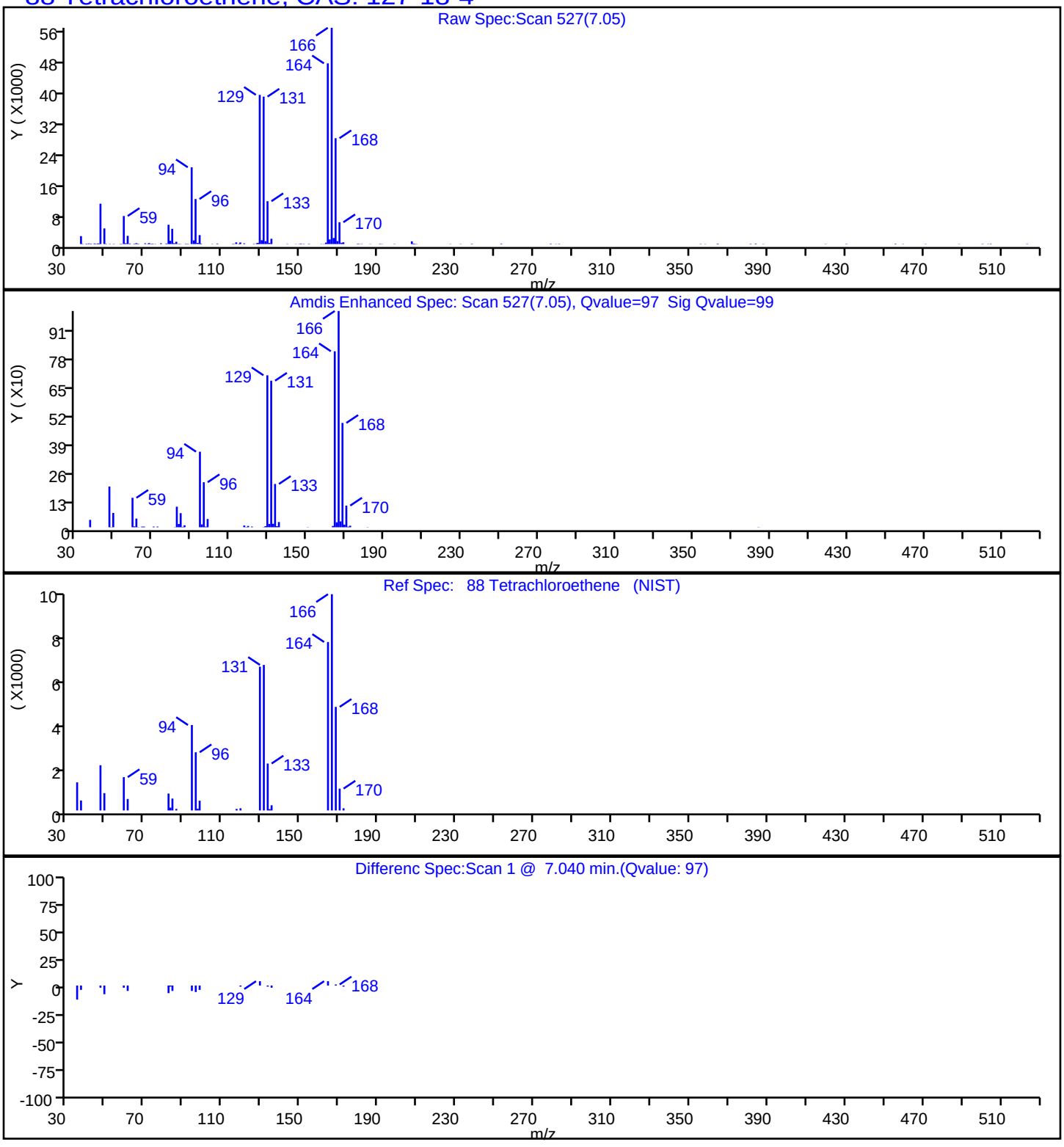
Report Date: 03-Jul-2022 11:10:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D

Injection Date:	02-Jul-2022 09:54:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-13	Lab Sample ID:	460-261101-13
Client ID:	MW-25_20220623		
Operator ID:		ALS Bottle#:	58 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



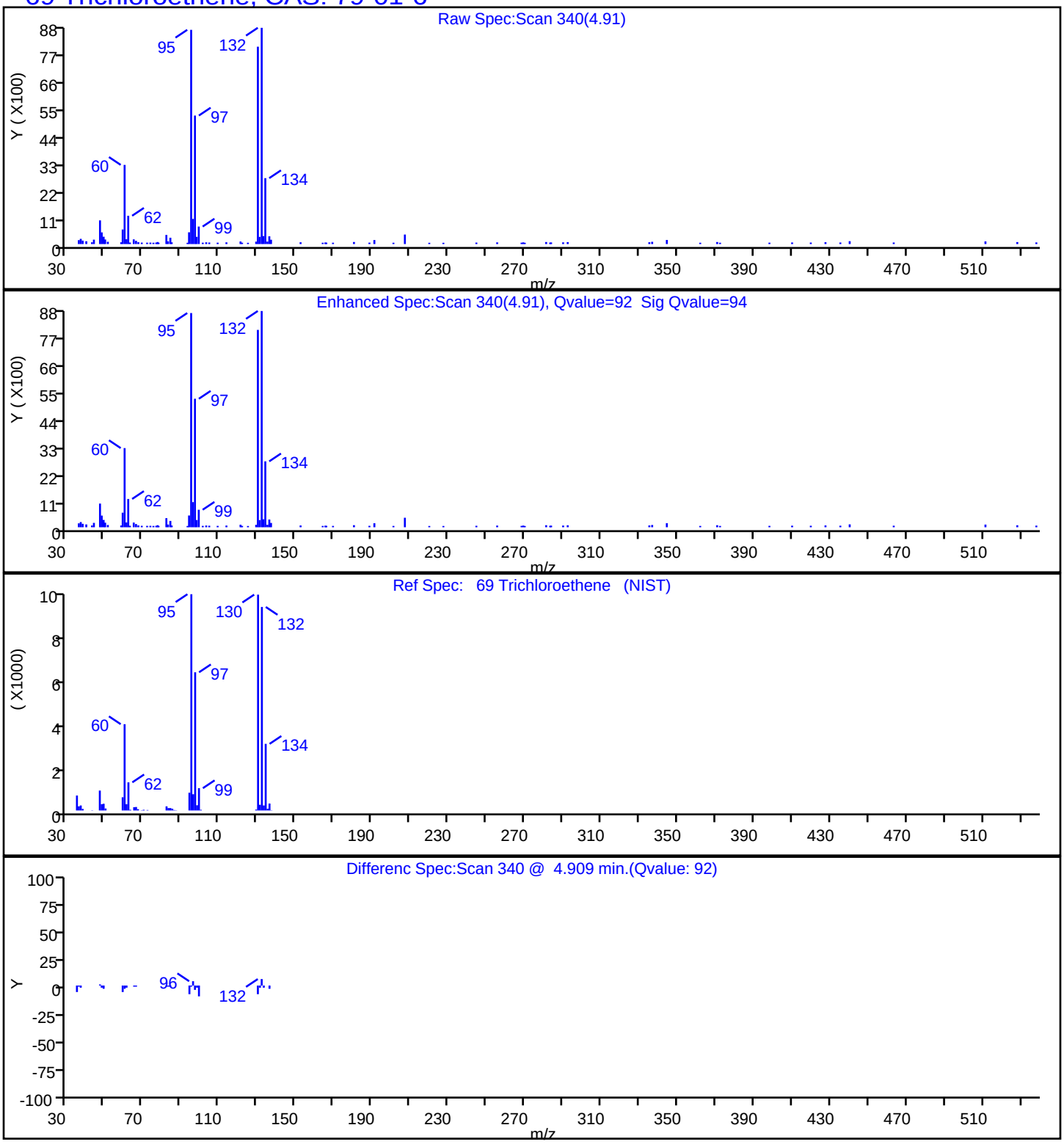
Report Date: 03-Jul-2022 11:10:37 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D

Injection Date:	02-Jul-2022 09:54:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-13	Lab Sample ID:	460-261101-13		
Client ID:	MW-25_20220623				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



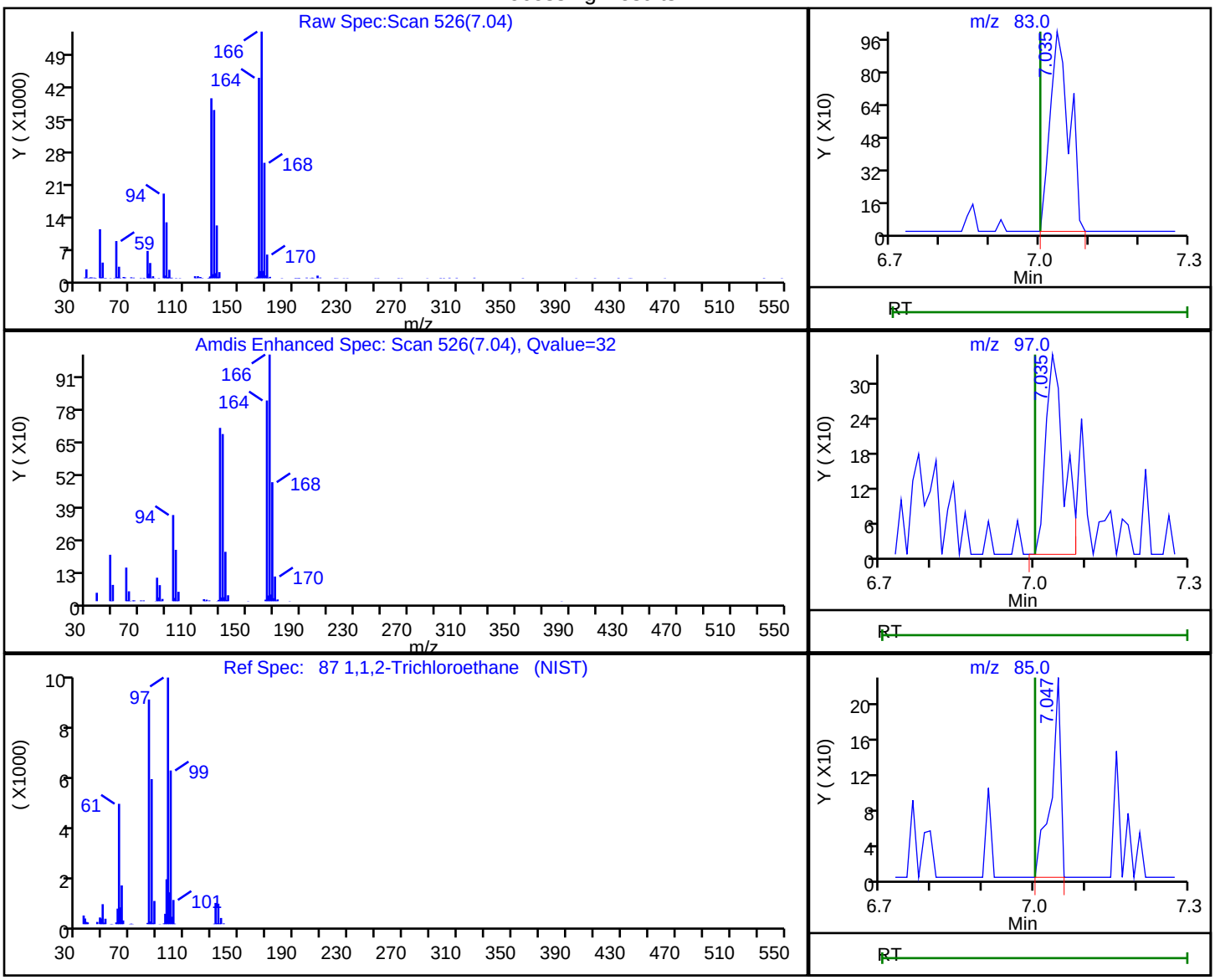
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21660.D		
Injection Date:	02-Jul-2022 09:54:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-13	Lab Sample ID:	460-261101-13
Client ID:	MW-25_20220623		
Operator ID:		ALS Bottle#:	58 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	2686	0.948508
7.04	97.00	847	
7.05	85.00	298	

Reviewer: RD6L, 02-Jul-2022 10:24:49

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-26_20220623 | Lab Sample ID: 460-261101-14

Matrix: Water | Lab File ID: V21661.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-26_20220623 | Lab Sample ID: 460-261101-14

Matrix: Water | Lab File ID: V21661.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	115		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D
Lims ID: 460-261101-A-14
Client ID: MW-26_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 10:15:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-14
Misc. Info.: 460-0147363-010
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 10:37:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.566	0.012	100	18591	1000.0	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	97	105196	250.0	
45 cis-1,2-Dichloroethene	96	3.549	3.561	-0.012	27	1039	0.2661	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	109652	57.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	100520	52.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	336310	50.0	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	87	13998	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	449267	51.2	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	266677	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	49	4682	0.4650	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	136551	57.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	143652	50.0	
S 136 1,2-Dichloroethene, Total	100				0		0.2661	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 03-Jul-2022 11:10:51 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D

Injection Date: 02-Jul-2022 10:15:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-14 Lab Sample ID: 460-261101-14

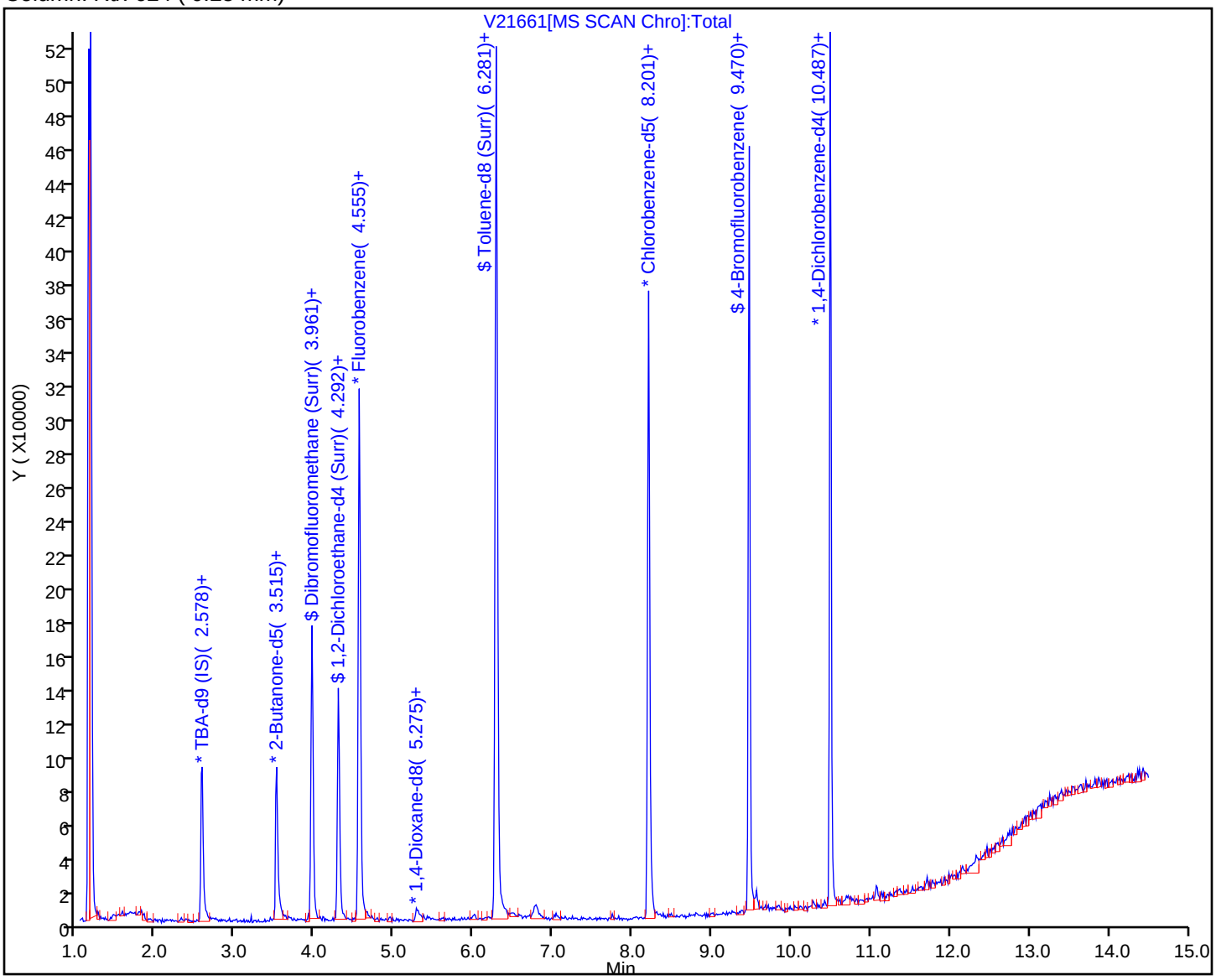
Client ID: MW-26_20220623

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 03-Jul-2022 11:10:51 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D
Lims ID: 460-261101-A-14
Client ID: MW-26_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 10:15:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-14
Misc. Info.: 460-0147363-010
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 10:37:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	57.6	115.25
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.22
$ 82 Toluene-d8 (Surr)	50.0	51.2	102.34
$ 105 4-Bromofluorobenzene	50.0	57.2	114.48

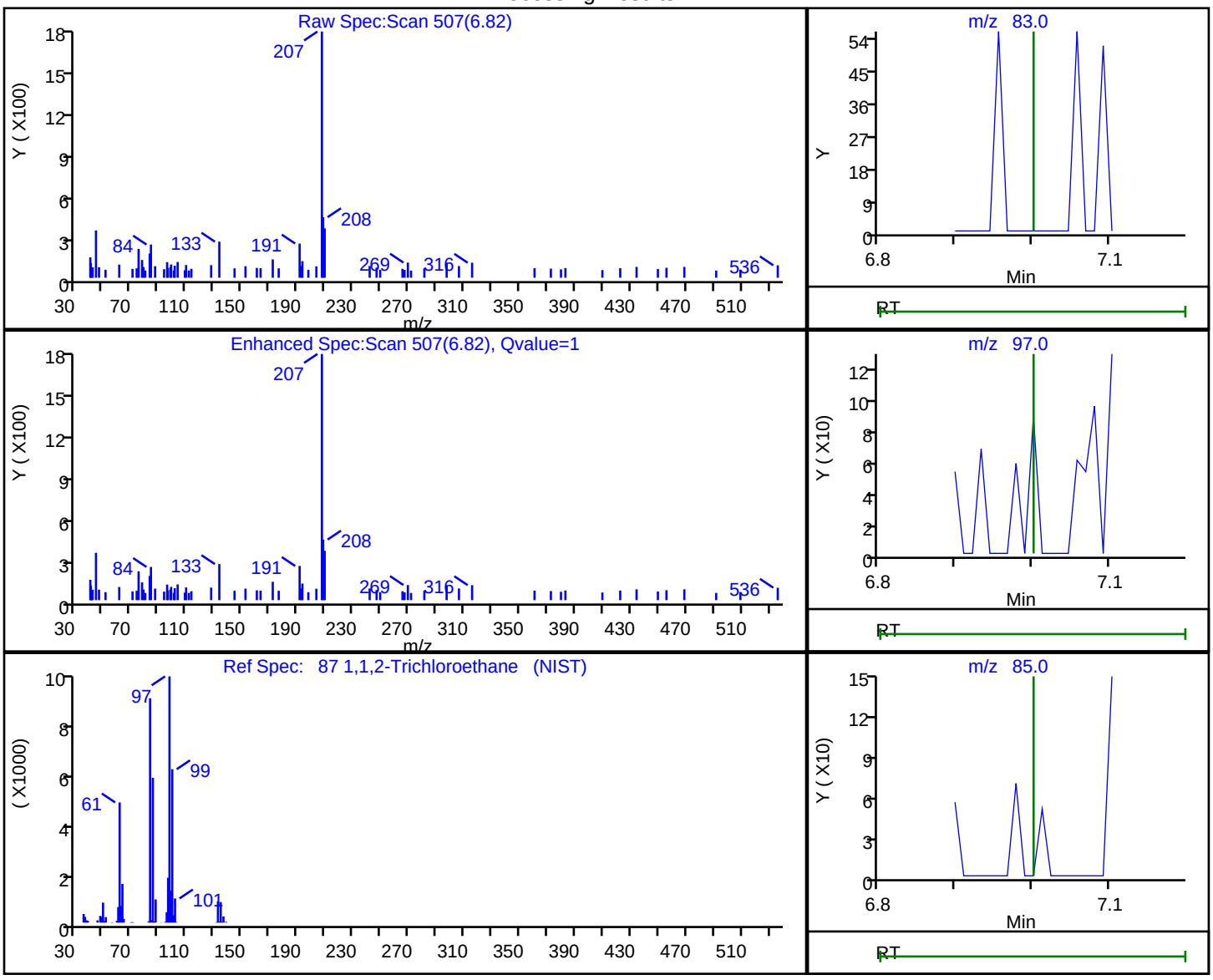
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D		
Injection Date:	02-Jul-2022 10:15:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-14	Lab Sample ID:	460-261101-14
Client ID:	MW-26_20220623		
Operator ID:		ALS Bottle#:	59 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

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

Processing Results



RT	Mass	Response	Amount
6.82	83.00	379	0.144732
6.81	97.00	173	
6.81	85.00	45	

Reviewer: RD6L, 02-Jul-2022 10:37:04

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

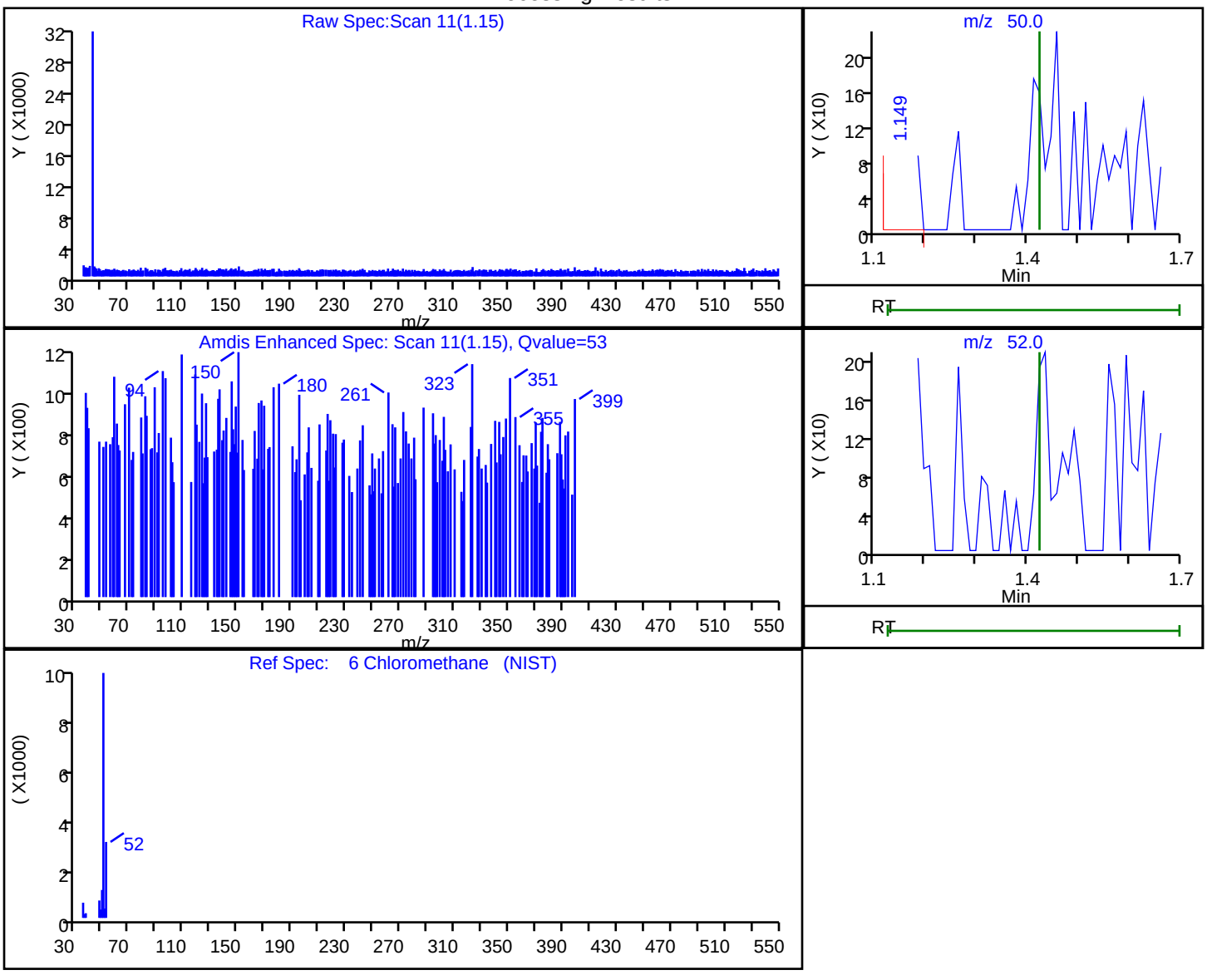
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D		
Injection Date:	02-Jul-2022 10:15:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-14	Lab Sample ID:	460-261101-14
Client ID:	MW-26_20220623		
Operator ID:		ALS Bottle#:	59 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.15	50.00	2680	0.555880
1.15	52.00	2276	

Reviewer: RD6L, 02-Jul-2022 10:37:10

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

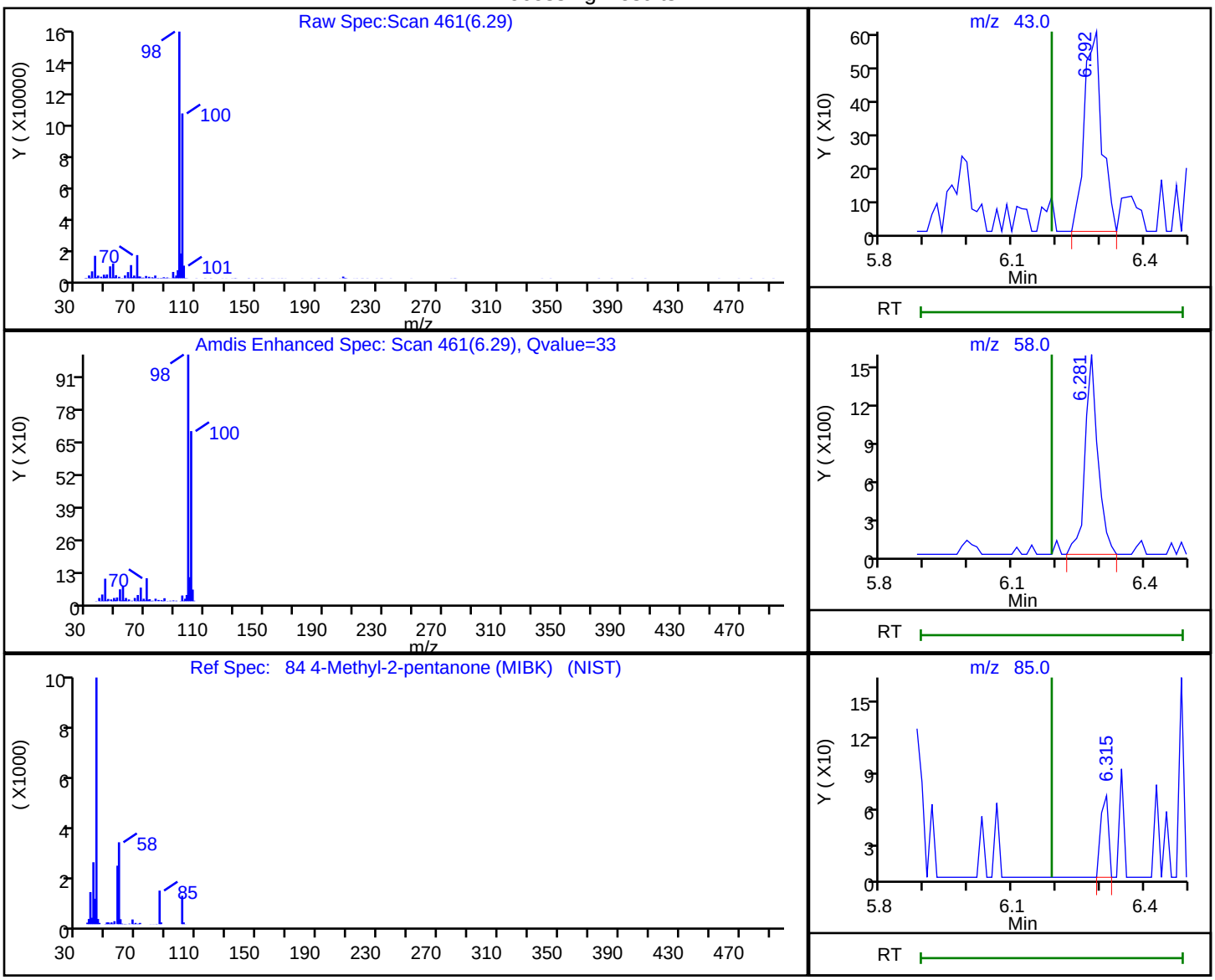
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21661.D		
Injection Date:	02-Jul-2022 10:15:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-14	Lab Sample ID:	460-261101-14
Client ID:	MW-26_20220623		
Operator ID:		ALS Bottle#:	59 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.29	43.00	1693	0.817802
6.28	58.00	3159	
6.32	85.00	82	
6.28	100.00	307186	

Reviewer: RD6L, 02-Jul-2022 10:37:03

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-28_20220624 | Lab Sample ID: 460-261101-15

Matrix: Water | Lab File ID: V21662.D

Analysis Method: 8260D | Date Collected: 06/24/2022 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	3.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	50		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.1		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-28_20220624 | Lab Sample ID: 460-261101-15

Matrix: Water | Lab File ID: V21662.D

Analysis Method: 8260D | Date Collected: 06/24/2022 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D
Lims ID: 460-261101-A-15
Client ID: MW-28_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 10:36:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-15
Misc. Info.: 460-0147363-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 11:20:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	100	17841	1000.0	
* 42 2-Butanone-d5	46	3.504	3.515	-0.011	98	98201	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	90	11984	2.98	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	100514	51.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	90297	45.8	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	346926	50.0	
69 Trichloroethene	95	4.921	4.921	0.000	93	10717	3.09	
* 68 1,4-Dioxane-d8	96	5.287	5.275	0.012	85	11798	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	433411	48.7	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	197715	50.0	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	81	270321	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	123860	51.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	133408	50.0	
S 136 1,2-Dichloroethene, Total	100				0		2.98	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 03-Jul-2022 11:11:05 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D

Injection Date: 02-Jul-2022 10:36:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-15 Lab Sample ID: 460-261101-15

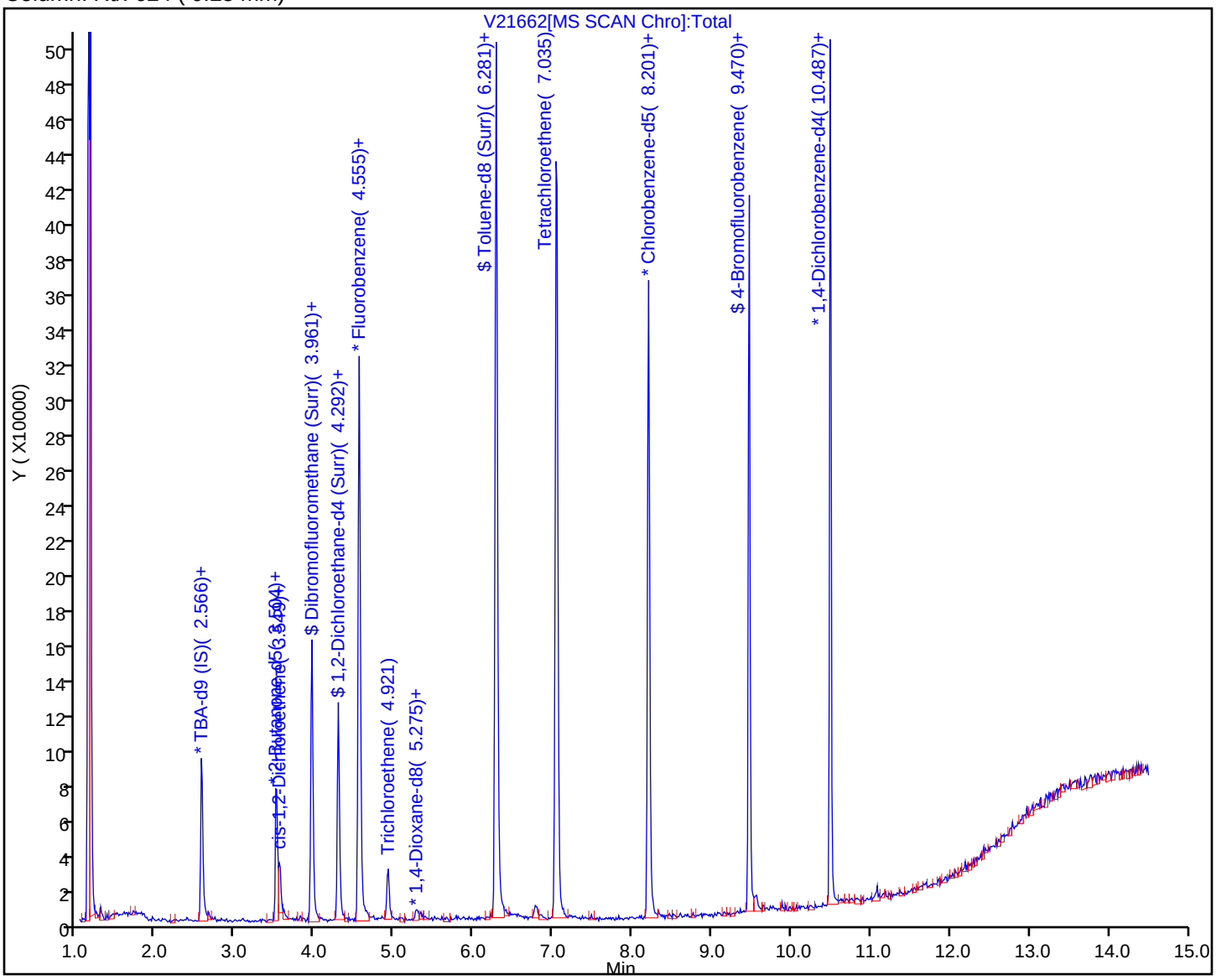
Client ID: MW-28_20220624

Operator ID: ALS Bottle#: 60 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D
Lims ID: 460-261101-A-15
Client ID: MW-28_20220624
Sample Type: Client
Inject. Date: 02-Jul-2022 10:36:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-15
Misc. Info.: 460-0147363-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 11:20:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.2	102.41
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.62
$ 82 Toluene-d8 (Surr)	50.0	48.7	97.39
$ 105 4-Bromofluorobenzene	50.0	51.2	102.44

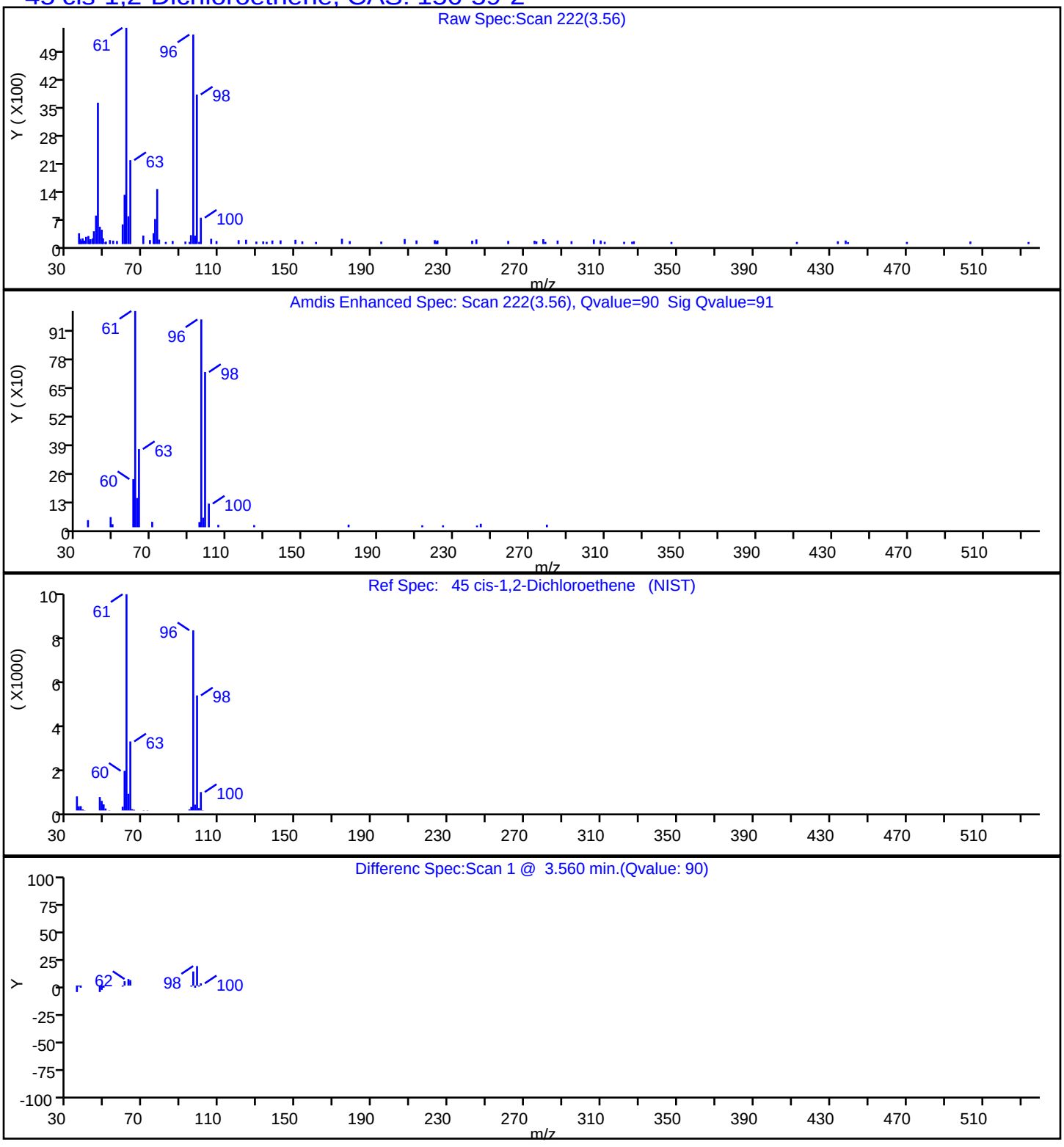
Report Date: 03-Jul-2022 11:11:05 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D

Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



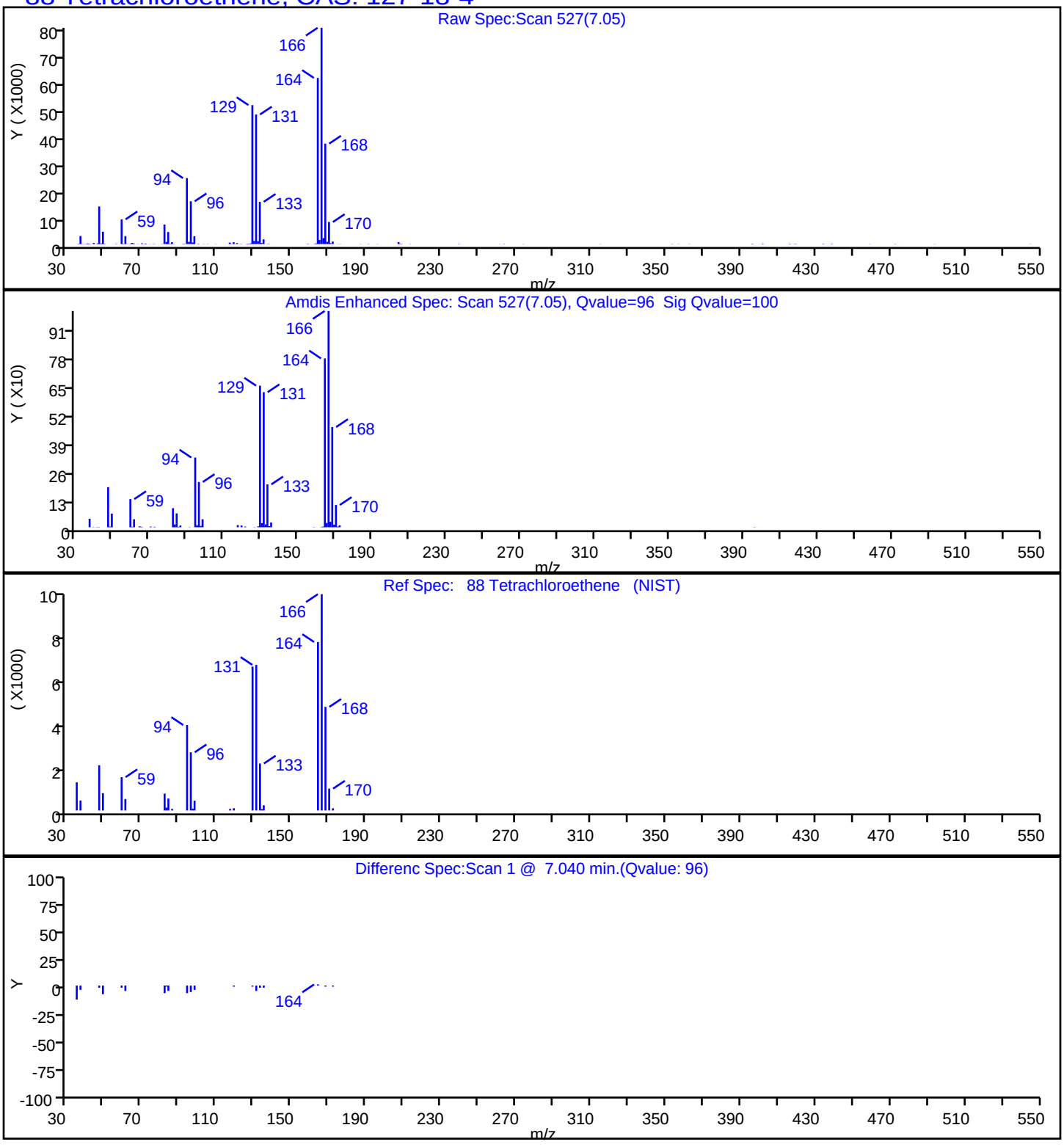
Report Date: 03-Jul-2022 11:11:05 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D

Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



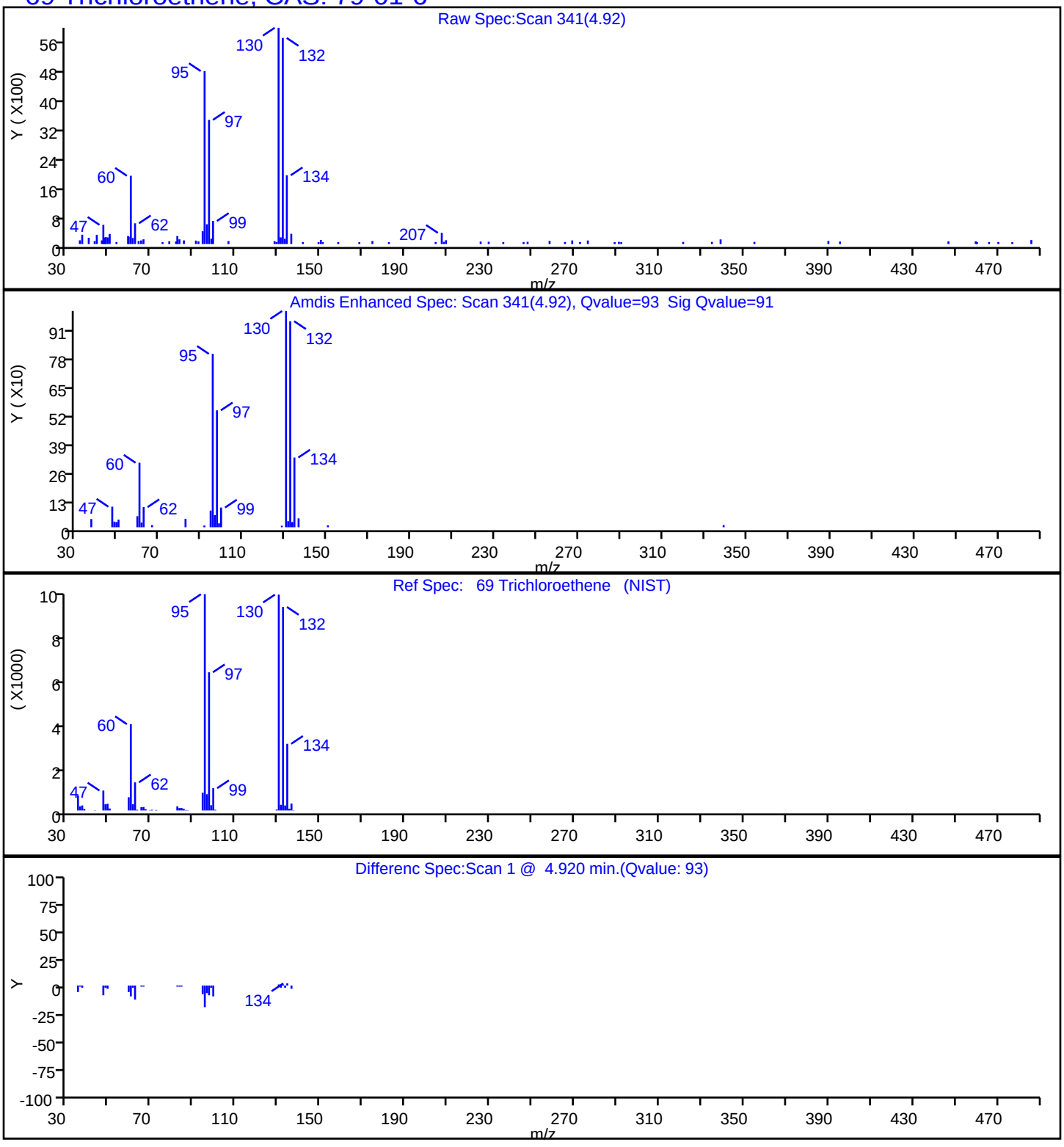
Report Date: 03-Jul-2022 11:11:05 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D

Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



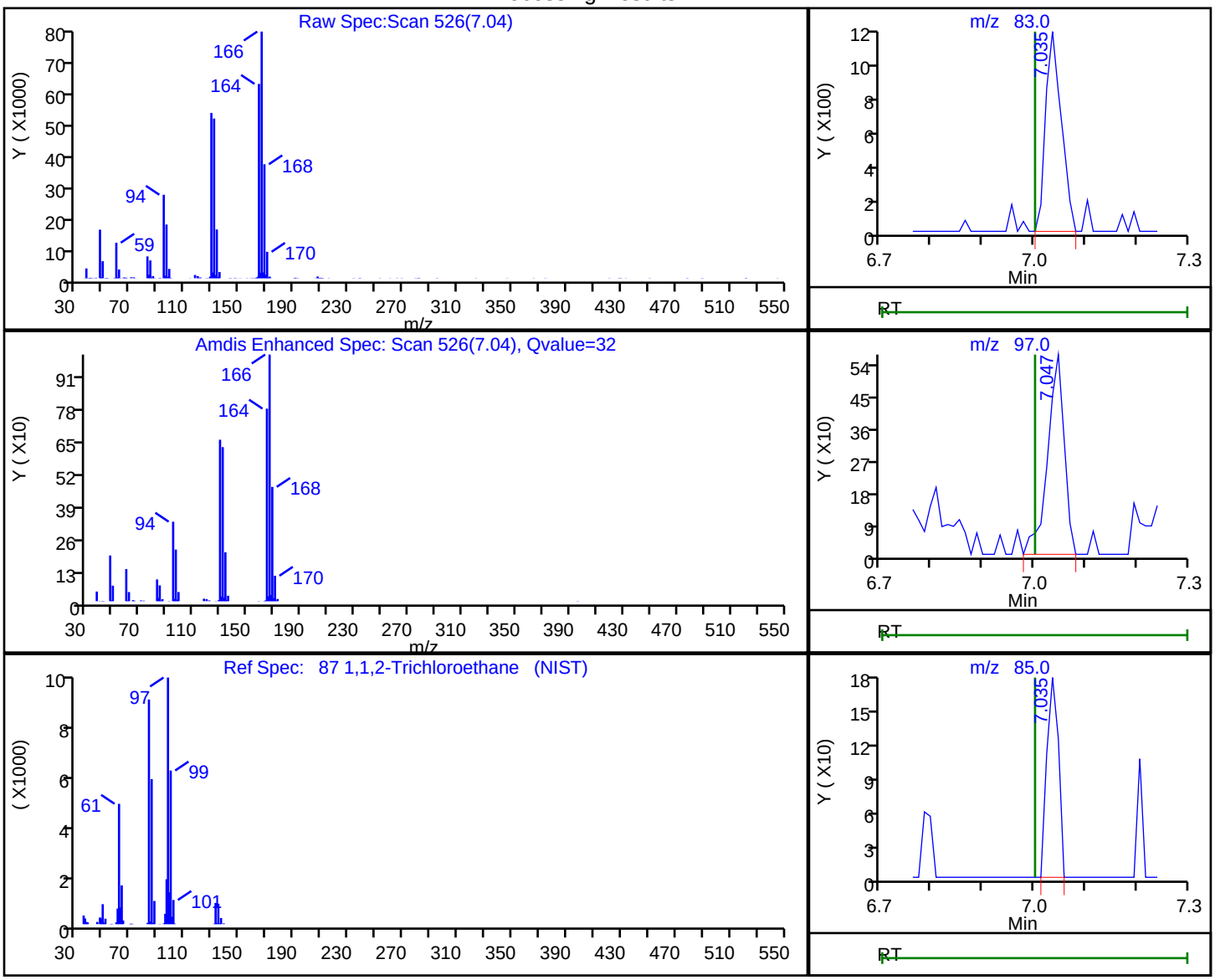
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D				
Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.04	83.00	2422	0.912441
7.05	97.00	1291	
7.04	85.00	280	

Reviewer: RD6L, 02-Jul-2022 11:20:25

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

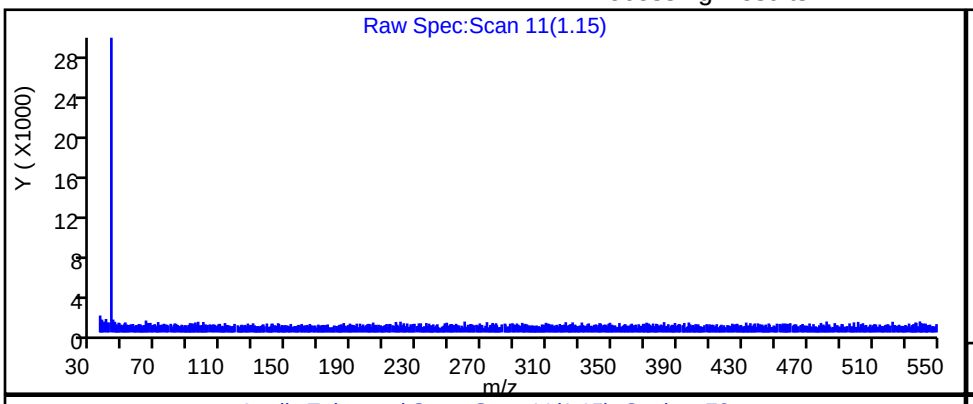
User Disabled Compound Report

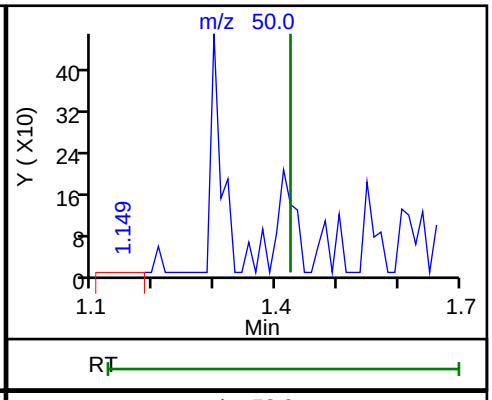
Eurofins Edison

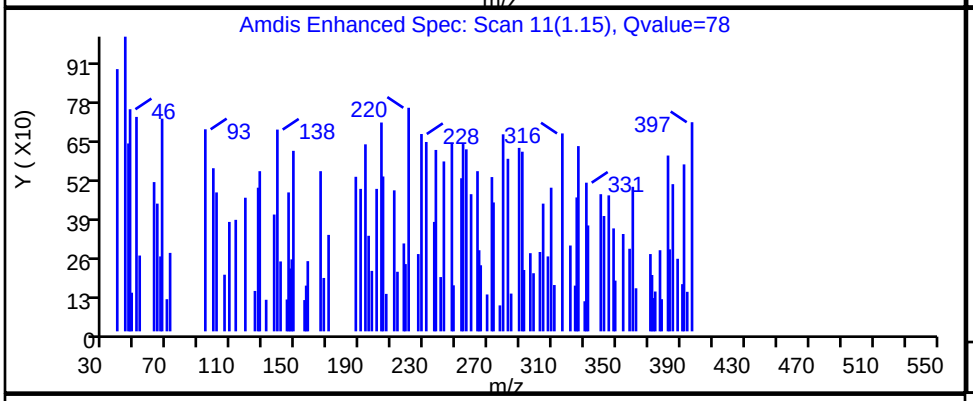
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D				
Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

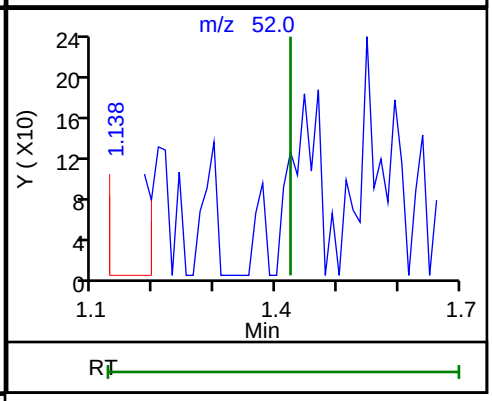
6 Chloromethane, CAS: 74-87-3

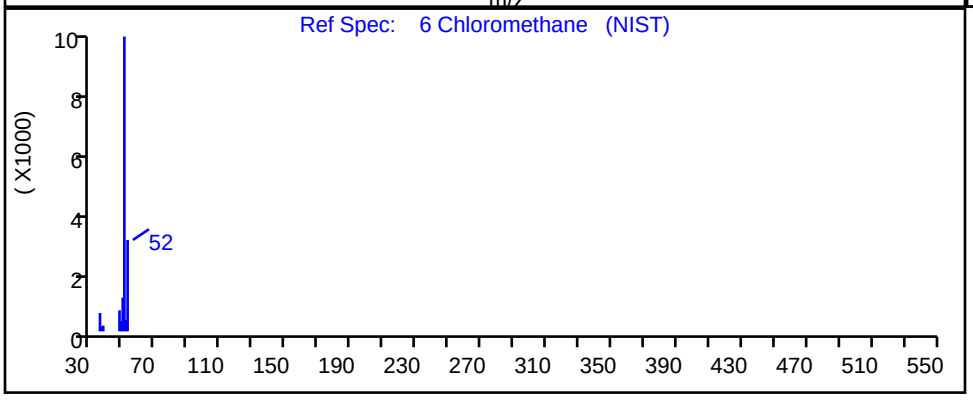
Processing Results











RT	Mass	Response	Amount
1.15	50.00	2566	0.495614
1.14	52.00	2230	

Reviewer: RD6L, 02-Jul-2022 11:20:19

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

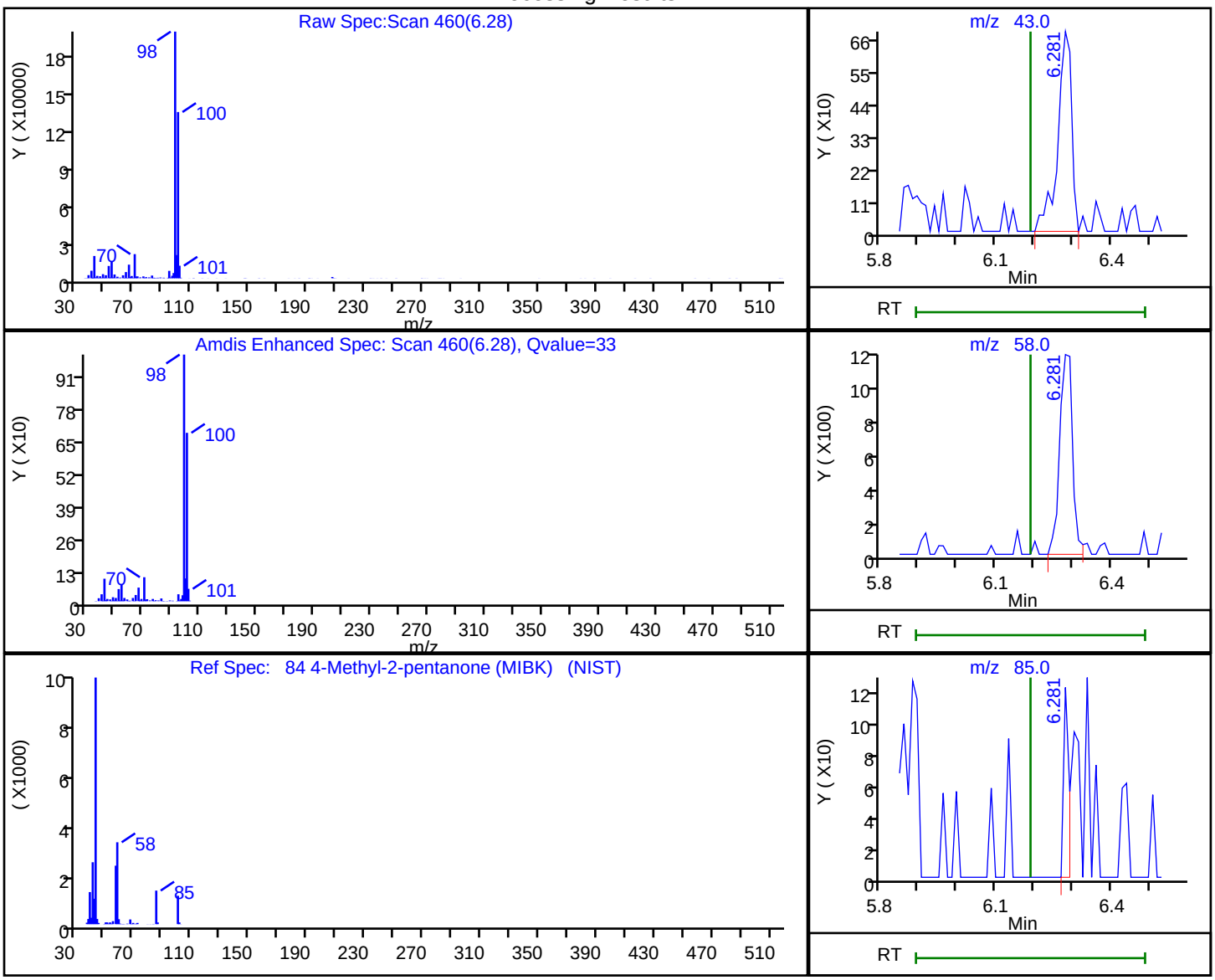
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21662.D				
Injection Date:	02-Jul-2022 10:36:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-15	Lab Sample ID:	460-261101-15		
Client ID:	MW-28_20220624				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	1729	0.894684
6.28	58.00	2778	
6.28	85.00	115	
6.28	100.00	296868	

Reviewer: RD6L, 02-Jul-2022 11:20:24

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.: 460-261101-1

SDG No.:

Client Sample ID: MW-X_20220623 | Lab Sample ID: 460-261101-16

Matrix: Water | Lab File ID: V21663.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	10		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.55		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-X_20220623 | Lab Sample ID: 460-261101-16

Matrix: Water | Lab File ID: V21663.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D
Lims ID: 460-261101-A-16
Client ID: MW-X_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 10:58:30 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-16
Misc. Info.: 460-0147363-012
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 11:27:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.480	1.480	0.000	57	1557	0.4338	
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	100	18885	1000.0	
33 trans-1,2-Dichloroethene	96	2.760	2.761	-0.001	78	1913	0.5494	
* 42 2-Butanone-d5	46	3.503	3.515	-0.012	98	109545	250.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	93	11231	2.89	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	103117	54.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	94	93226	49.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	334212	50.0	
69 Trichloroethene	95	4.921	4.921	0.000	92	6502	1.94	
* 68 1,4-Dioxane-d8	96	5.264	5.275	-0.011	85	12628	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	421371	46.6	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	41006	10.2	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	274865	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	128822	52.4	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	141094	50.0	
S 136 1,2-Dichloroethene, Total	100				0		3.44	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 03-Jul-2022 11:11:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D

Injection Date: 02-Jul-2022 10:58:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-16 Lab Sample ID: 460-261101-16

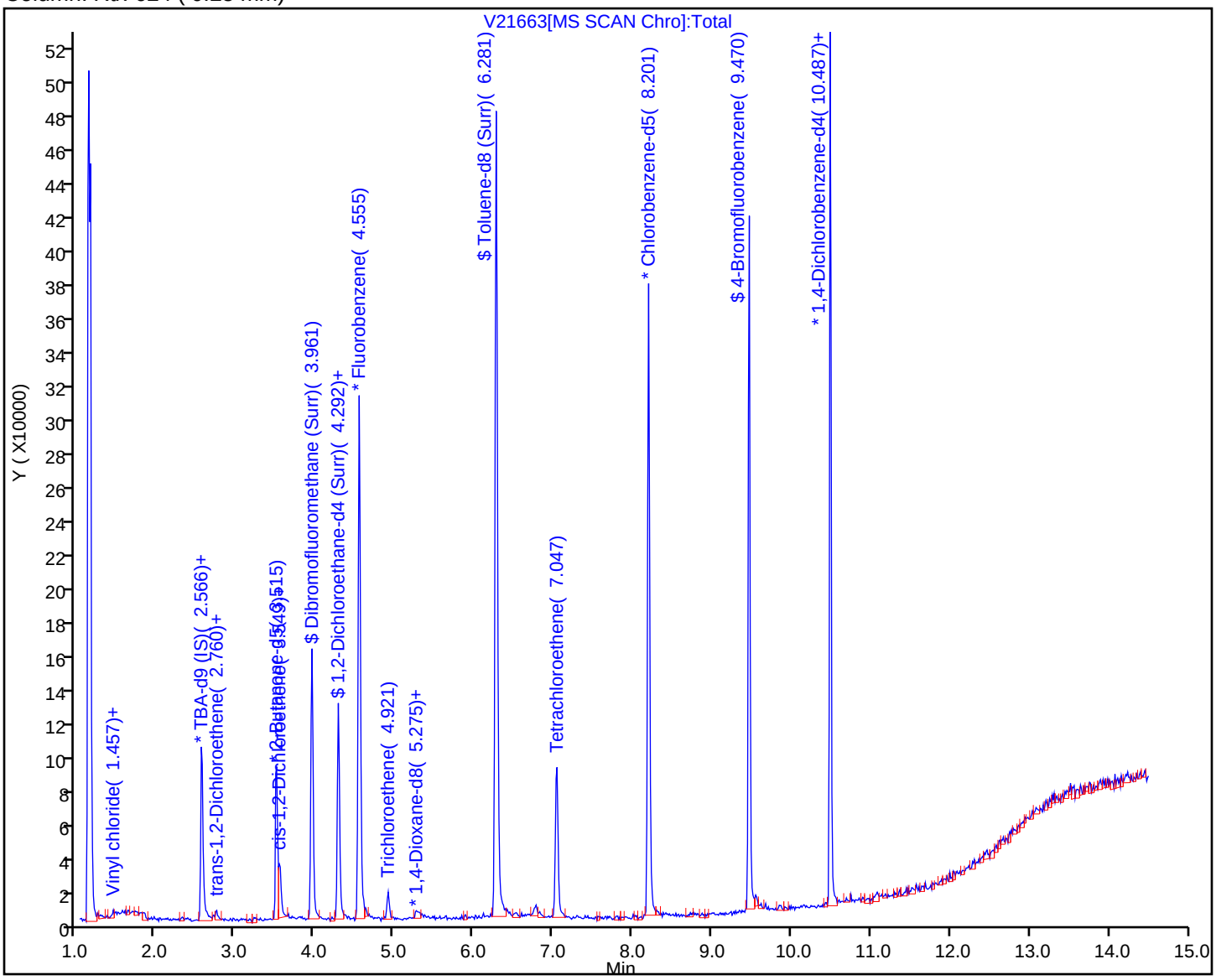
Client ID: MW-X_20220623

Operator ID: ALS Bottle#: 61 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D
Lims ID: 460-261101-A-16
Client ID: MW-X_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 10:58:30 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-16
Misc. Info.: 460-0147363-012
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 11:27:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.5	109.06
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.19
$ 82 Toluene-d8 (Surr)	50.0	46.6	93.12
$ 105 4-Bromofluorobenzene	50.0	52.4	104.78

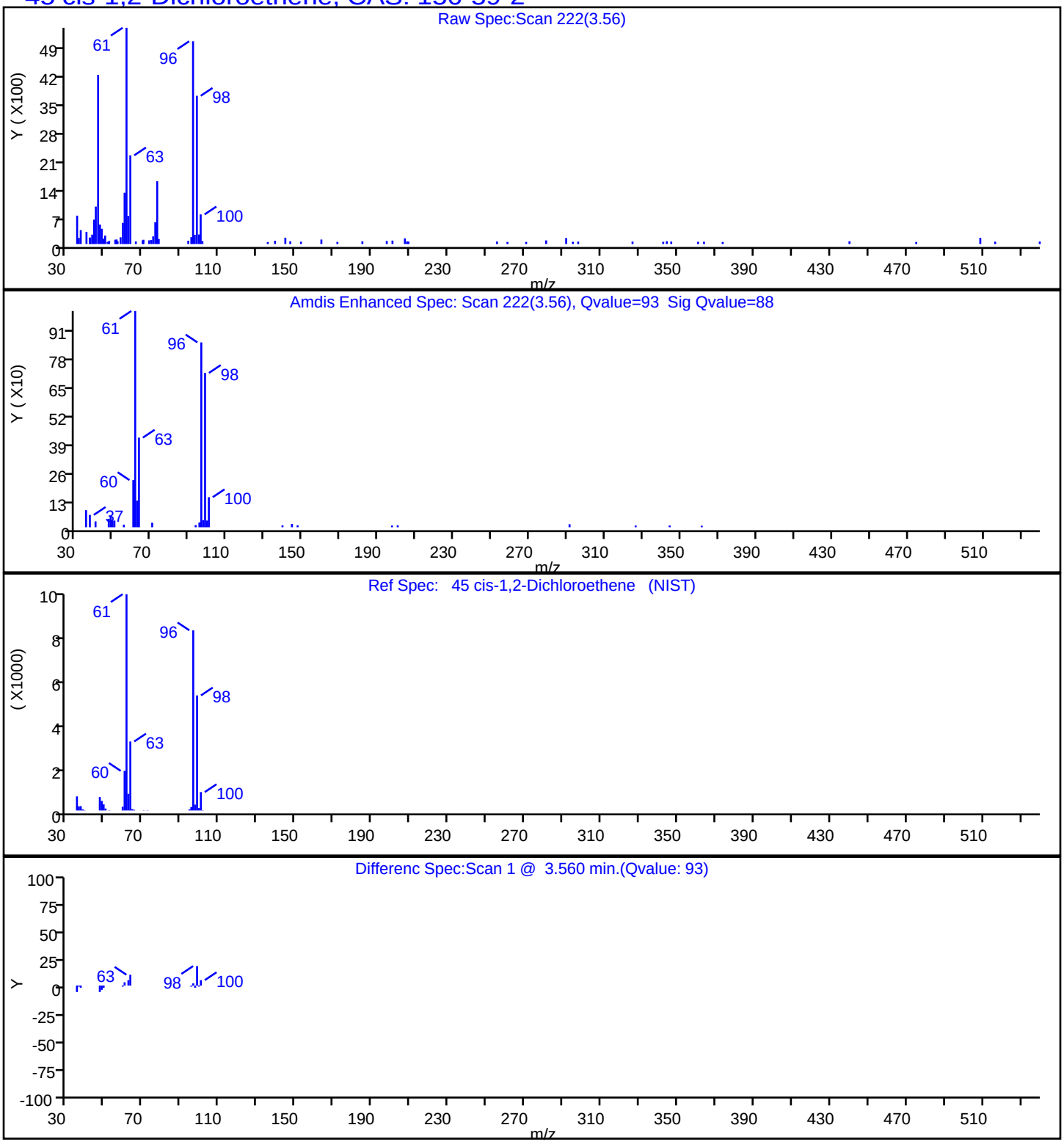
Report Date: 03-Jul-2022 11:11:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D

Injection Date:	02-Jul-2022 10:58:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-16	Lab Sample ID:	460-261101-16		
Client ID:	MW-X_20220623				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



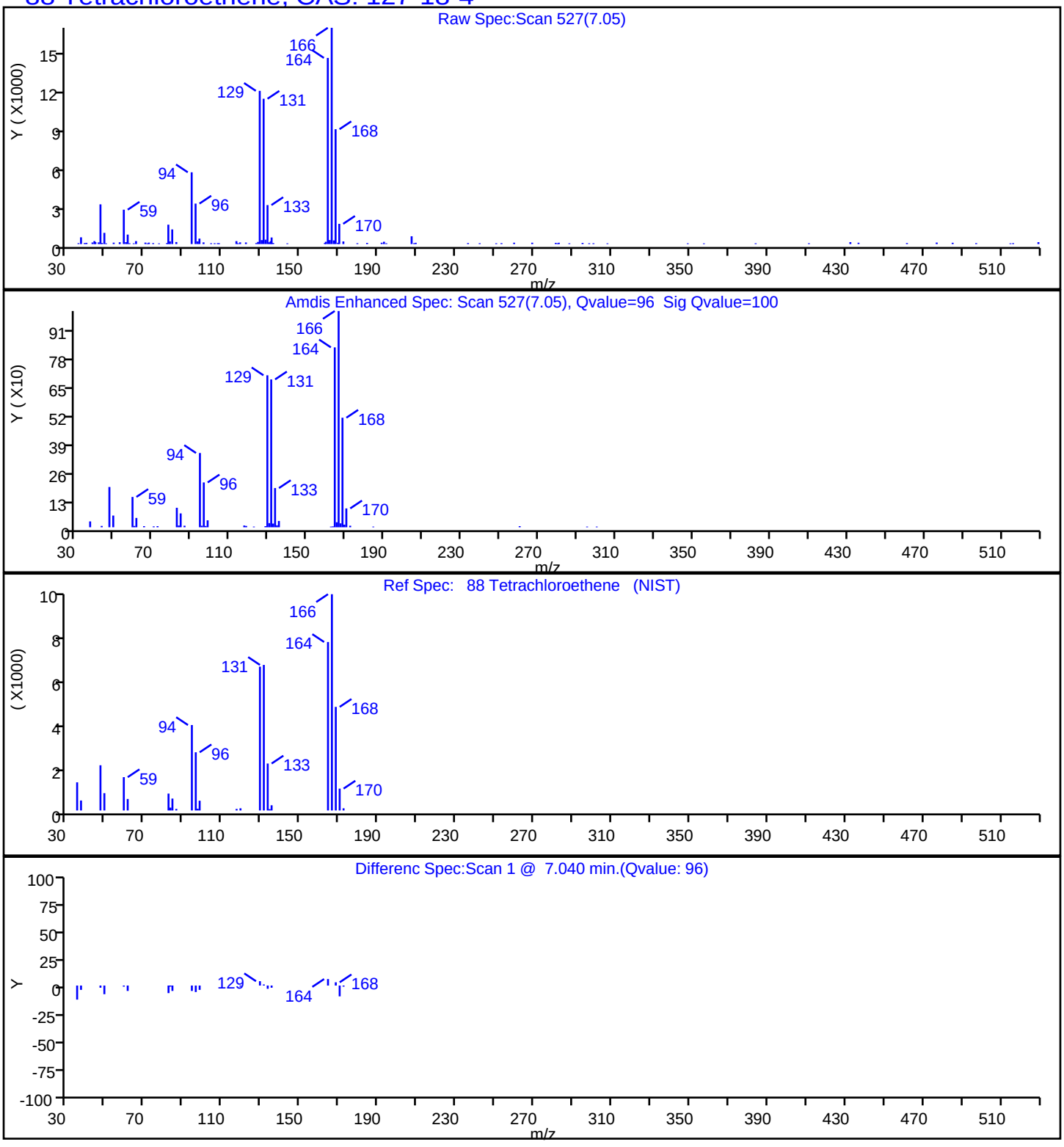
Report Date: 03-Jul-2022 11:11:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D

Injection Date:	02-Jul-2022 10:58:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-16	Lab Sample ID:	460-261101-16
Client ID:	MW-X_20220623		
Operator ID:		ALS Bottle#:	61 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



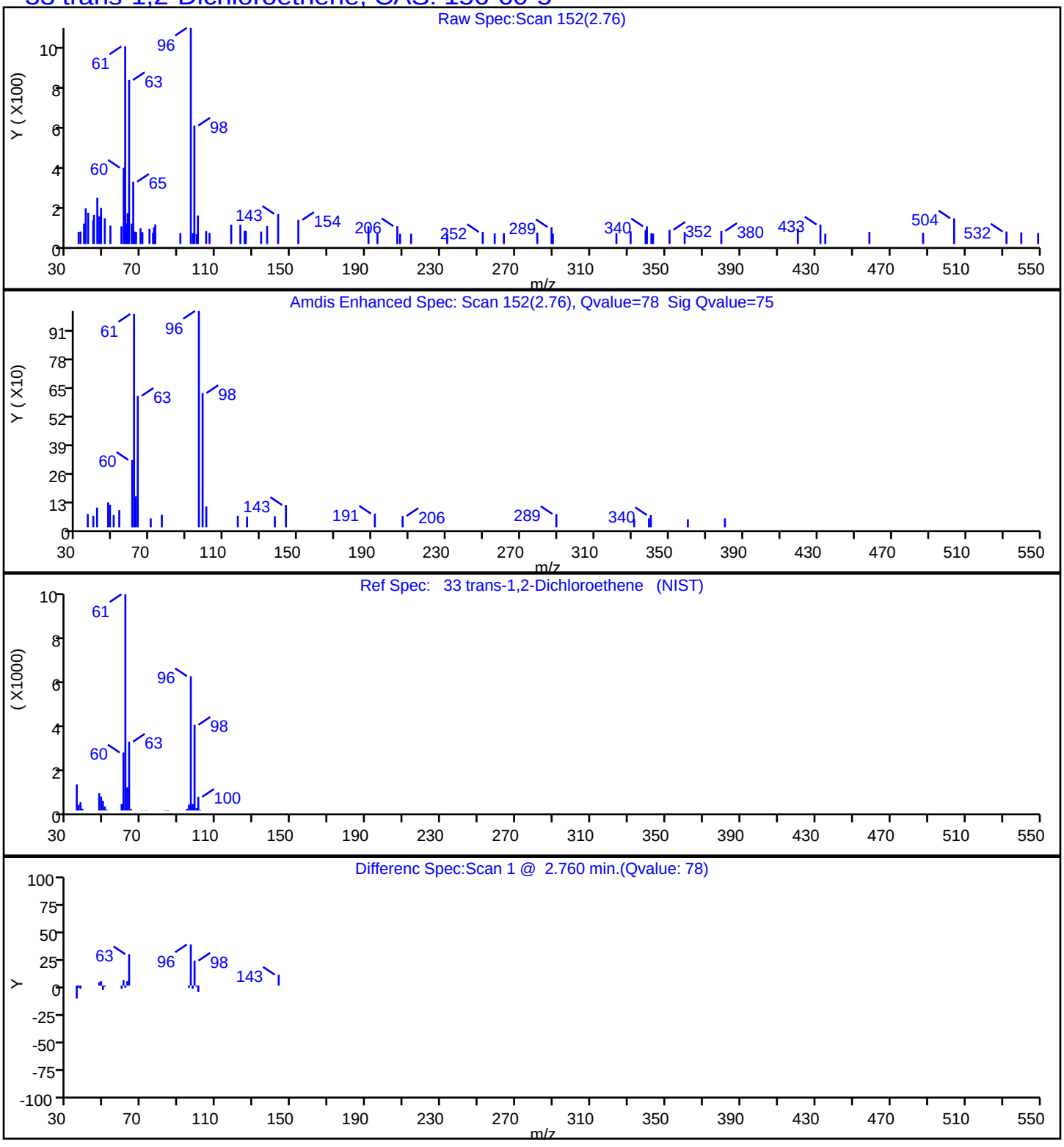
Report Date: 03-Jul-2022 11:11:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D

Injection Date:	02-Jul-2022 10:58:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-16	Lab Sample ID:	460-261101-16		
Client ID:	MW-X_20220623				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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



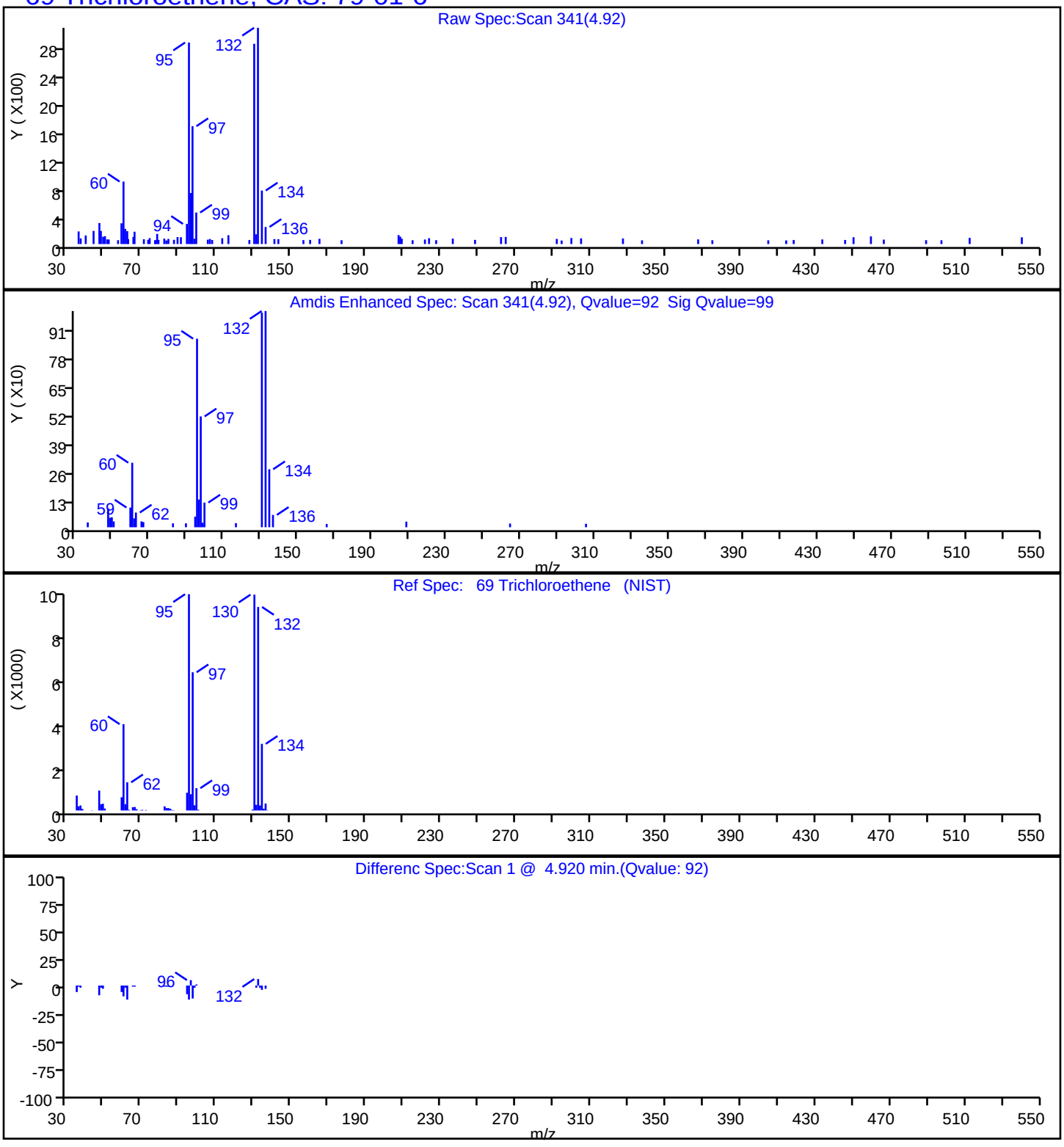
Report Date: 03-Jul-2022 11:11:24 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D

Injection Date:	02-Jul-2022 10:58:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-16	Lab Sample ID:	460-261101-16		
Client ID:	MW-X_20220623				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



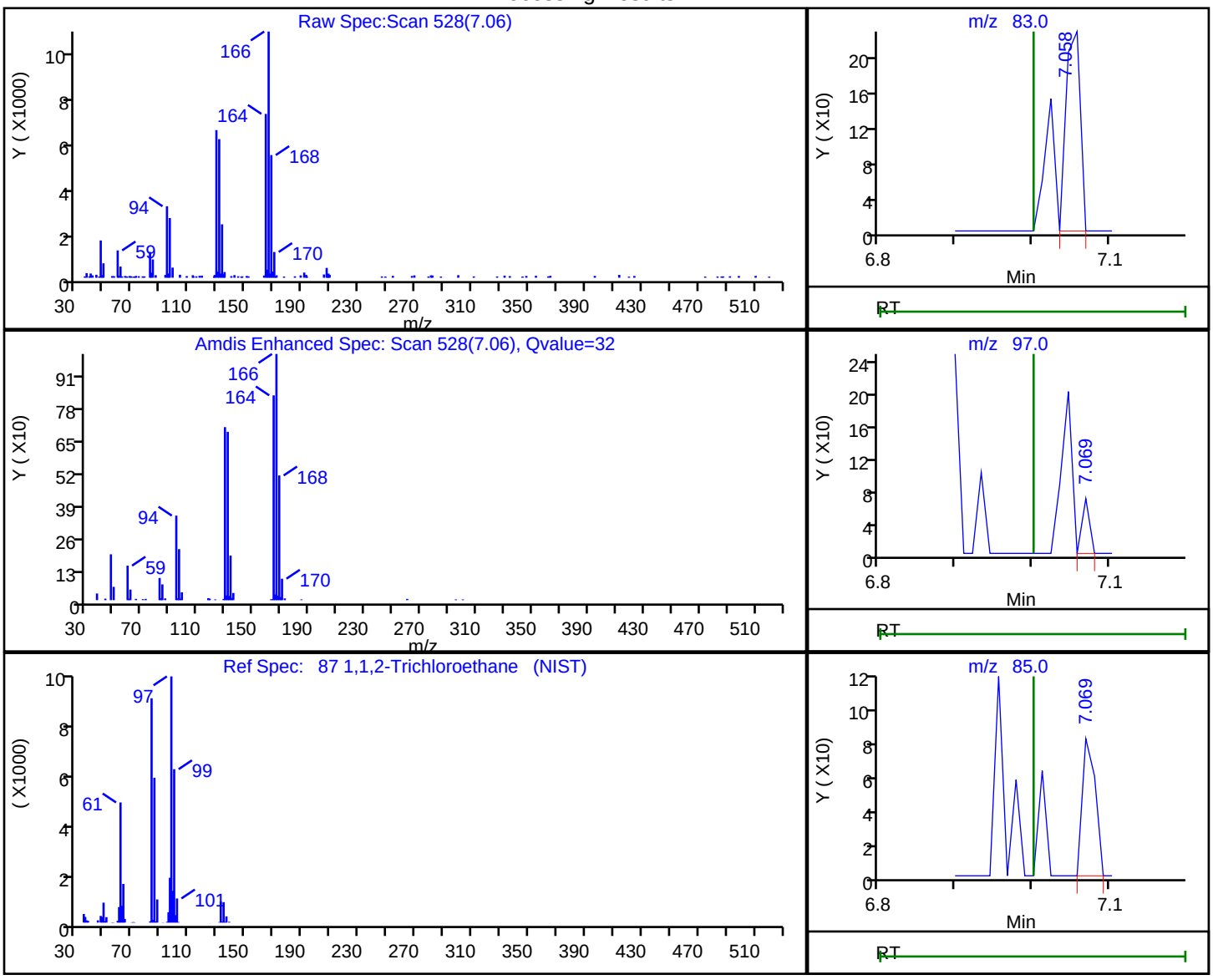
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21663.D				
Injection Date:	02-Jul-2022 10:58:30	Instrument ID:	CVOAMS7		
Lims ID:	460-261101-A-16	Lab Sample ID:	460-261101-16		
Client ID:	MW-X_20220623				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.06	83.00	290	0.107446
7.07	97.00	46	
7.07	85.00	91	

Reviewer: RD6L, 02-Jul-2022 11:20:59

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.: 460-261101-1

SDG No.:

Client Sample ID: FB_20220623 | Lab Sample ID: 460-261101-17

Matrix: Water | Lab File ID: V21636.D

Analysis Method: 8260D | Date Collected: 06/23/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.68		0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: FB_20220623 | Lab Sample ID: 460-261101-17

Matrix: Water | Lab File ID: V21636.D

Analysis Method: 8260D | Date Collected: 06/23/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21636.D
Lims ID: 460-261101-A-17
Client ID: FB_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:04:30 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-17
Misc. Info.: 460-0147350-016
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:20:13 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:50:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.435	1.435	0.000	35	2087	0.2950	
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	19812	1000.0	
29 Methylene Chloride	84	2.601	2.600	0.001	78	2349	0.6813	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	97	127986	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	114167	53.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	109320	50.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	380106	50.0	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	86	10382	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	476831	49.4	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	293105	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	146185	55.8	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	152363	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 08:20:13 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21636.D

Injection Date: 02-Jul-2022 00:04:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-17 Lab Sample ID: 460-261101-17

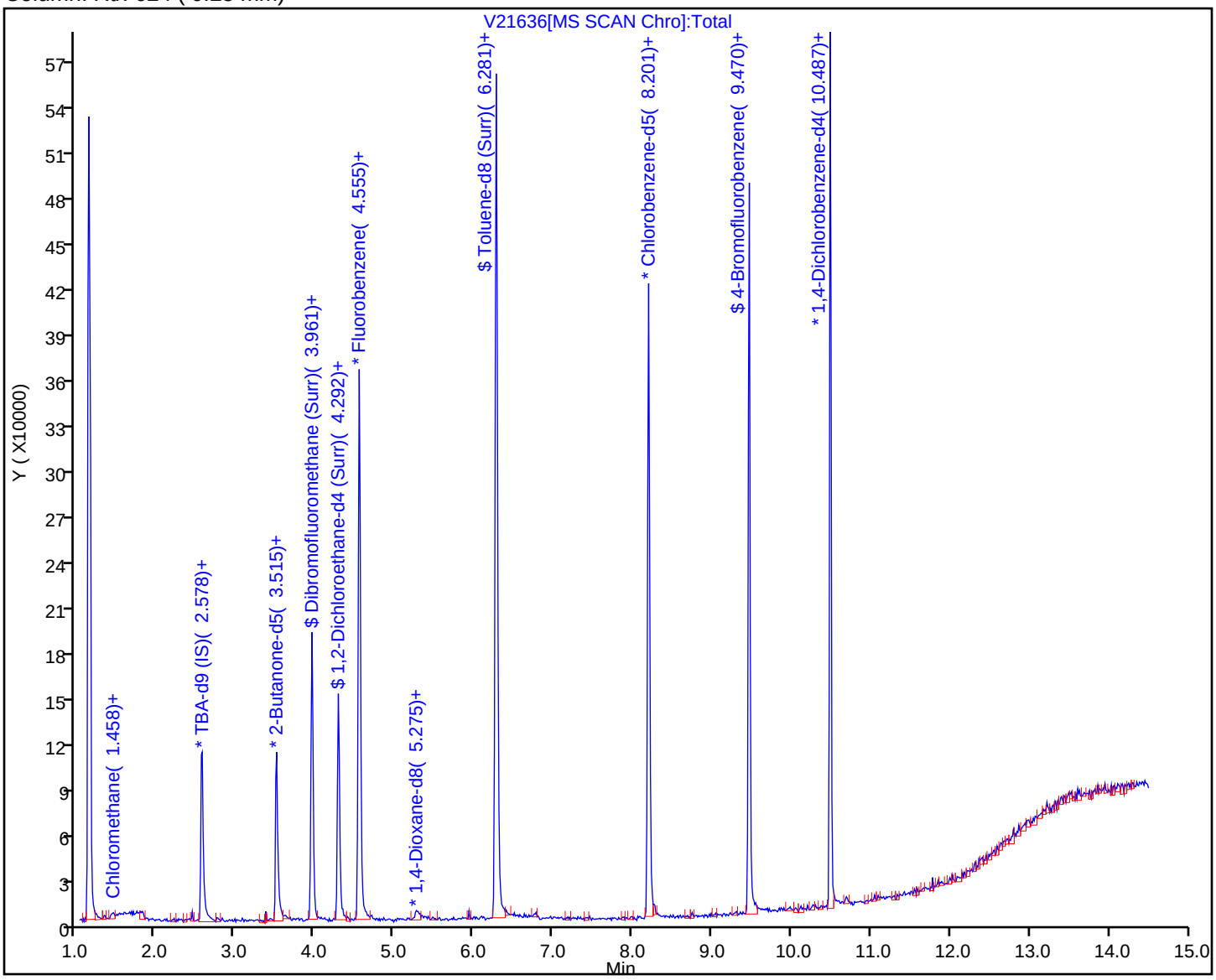
Client ID: FB_20220623

Operator ID: ALS Bottle#: 65 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21636.D
Lims ID: 460-261101-A-17
Client ID: FB_20220623
Sample Type: Client
Inject. Date: 02-Jul-2022 00:04:30 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-17
Misc. Info.: 460-0147350-016
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:20:13 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:50:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.1	106.17
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.24
$ 82 Toluene-d8 (Surr)	50.0	49.4	98.82
$ 105 4-Bromofluorobenzene	50.0	55.8	111.51

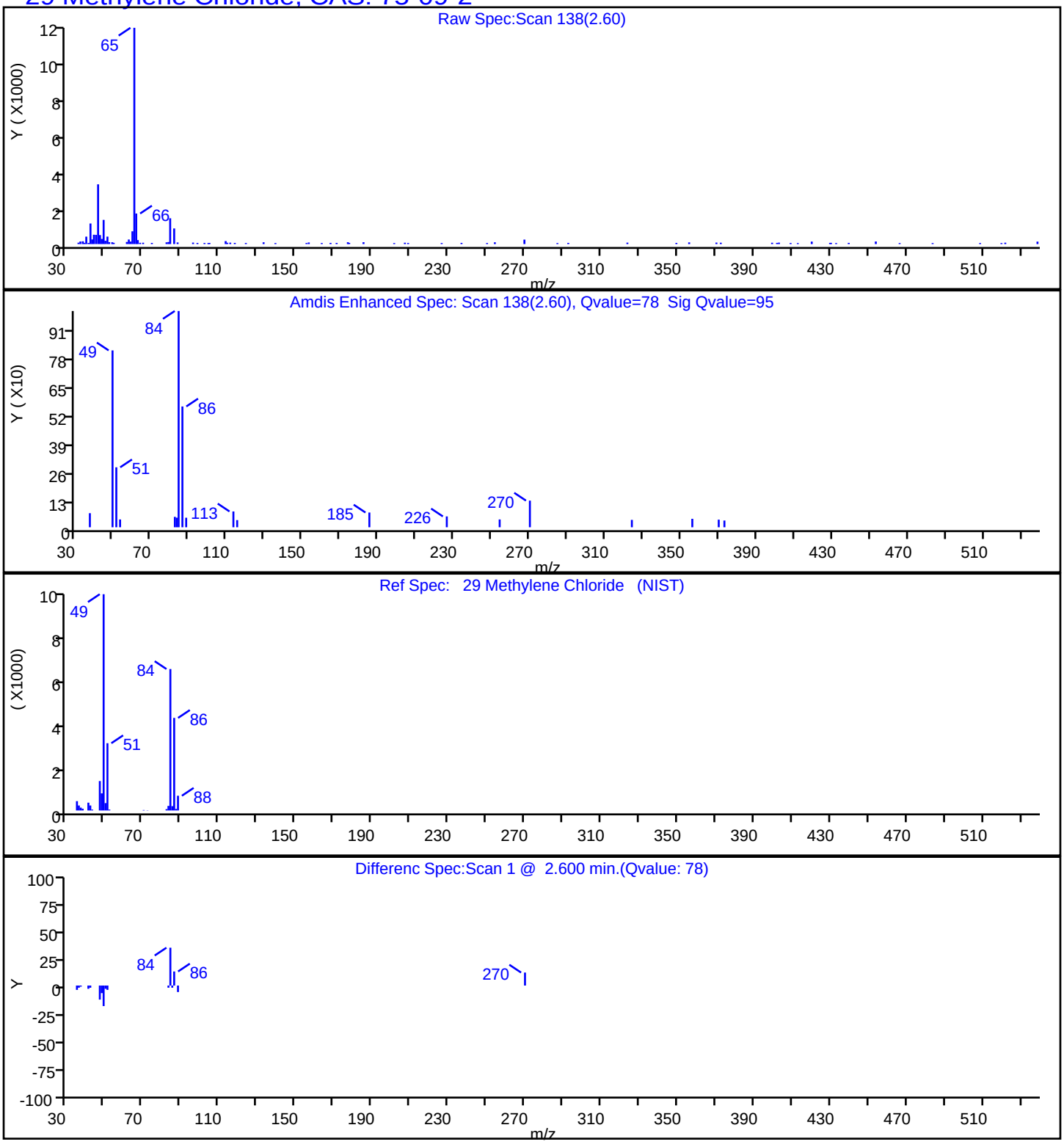
Report Date: 02-Jul-2022 08:20:13 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21636.D

Injection Date:	02-Jul-2022 00:04:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-17	Lab Sample ID:	460-261101-17
Client ID:	FB_20220623		
Operator ID:		ALS Bottle#:	65 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

29 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: TB_20220624 | Lab Sample ID: 460-261101-18

Matrix: Water | Lab File ID: V21635.D

Analysis Method: 8260D | Date Collected: 06/24/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 23:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: TB_20220624 | Lab Sample ID: 460-261101-18

Matrix: Water | Lab File ID: V21635.D

Analysis Method: 8260D | Date Collected: 06/24/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 23:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21635.D				
Lims ID:	460-261101-A-18				
Client ID:	TB_20220624				
Sample Type:	Client				
Inject. Date:	01-Jul-2022 23:42:30	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-261101-A-18				
Misc. Info.:	460-0147350-015				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	02-Jul-2022 08:16:18	Calib Date:	01-Jul-2022 07:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1644				
First Level Reviewer: RD6L		Date:	02-Jul-2022 08:19:34		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.435	1.435	0.000	62	2026	0.2763	
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	20437	1000.0	
29 Methylene Chloride	84	2.600	2.600	0.000	29	1192	0.3447	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	129183	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	98	109225	50.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	105080	48.5	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	381301	50.0	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	85	14032	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	461681	47.4	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	295932	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	137573	52.0	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	151923	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 08:19:34 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21635.D

Injection Date: 01-Jul-2022 23:42:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-18 Lab Sample ID: 460-261101-18

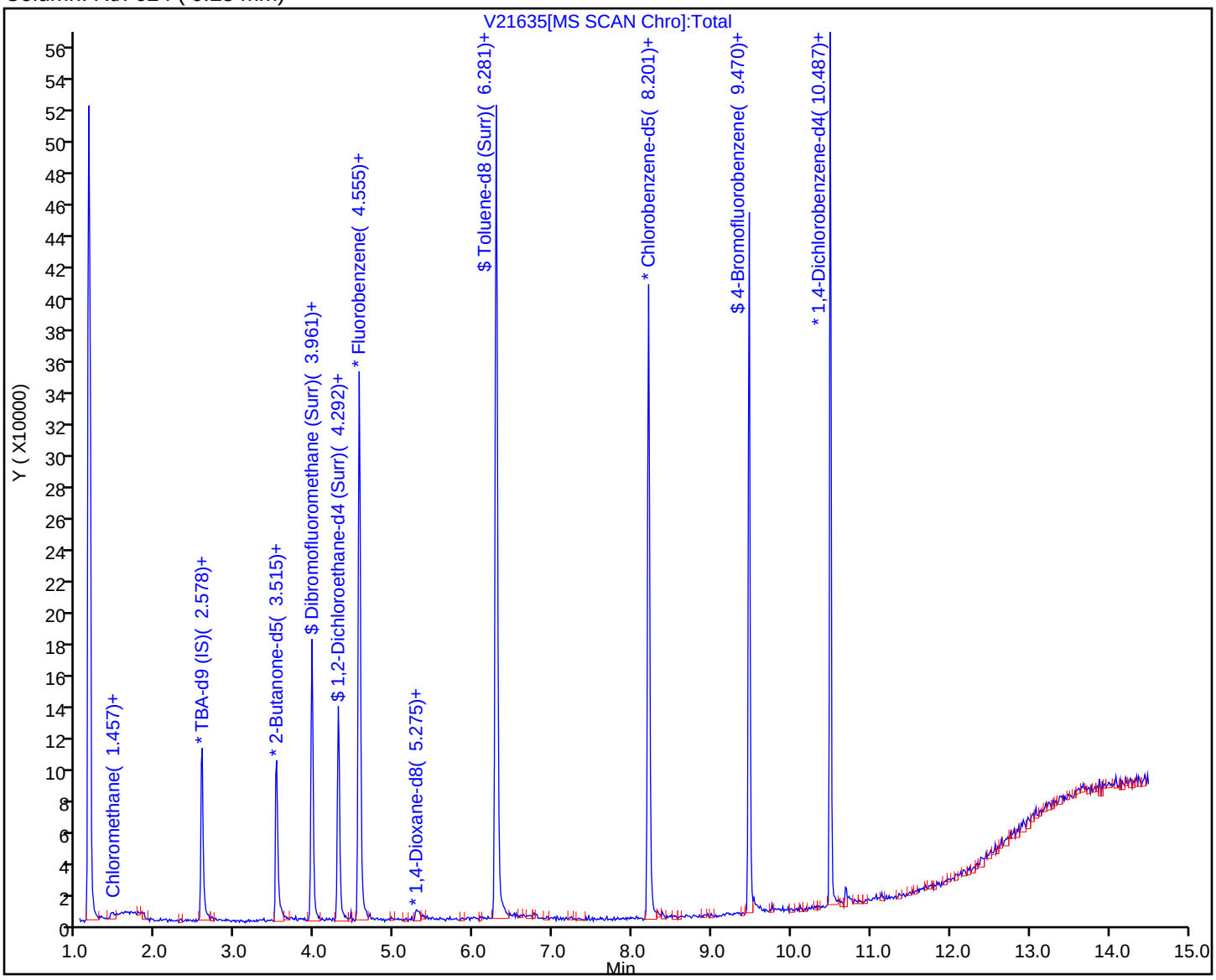
Client ID: TB_20220624

Operator ID: ALS Bottle#: 64 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21635.D
Lims ID: 460-261101-A-18
Client ID: TB_20220624
Sample Type: Client
Inject. Date: 01-Jul-2022 23:42:30 ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-18
Misc. Info.: 460-0147350-015
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:16:18 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: RD6L Date: 02-Jul-2022 08:19:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.6	101.25
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.01
$ 82 Toluene-d8 (Surr)	50.0	47.4	94.77
$ 105 4-Bromofluorobenzene	50.0	52.0	103.94

Eurofins Edison

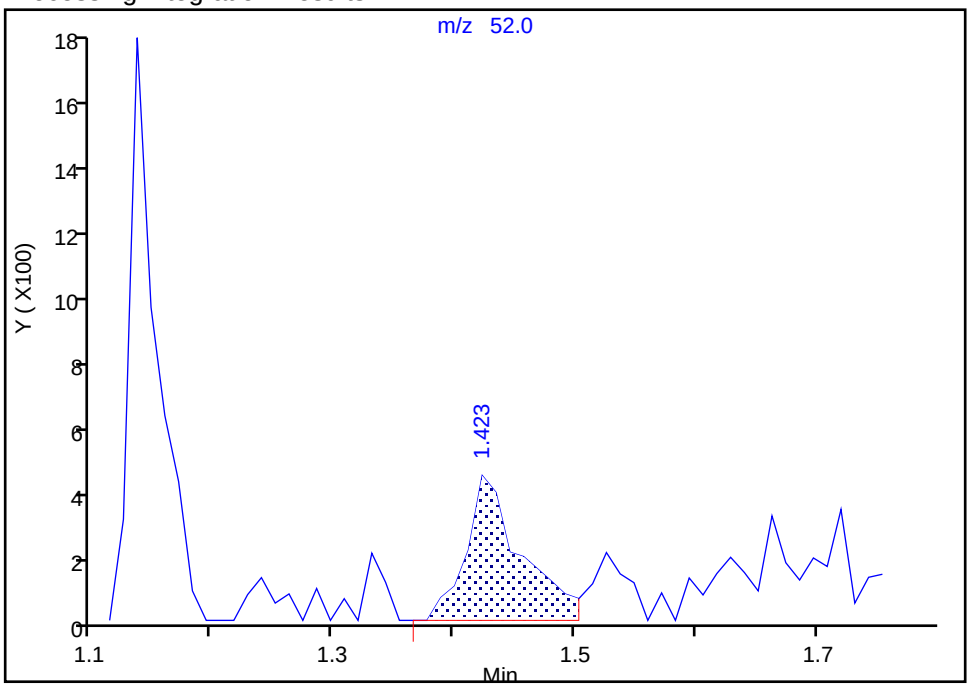
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21635.D
Injection Date: 01-Jul-2022 23:42:30 Instrument ID: CVOAMS7
Lims ID: 460-261101-A-18 Lab Sample ID: 460-261101-18
Client ID: TB_20220624
Operator ID: ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 2

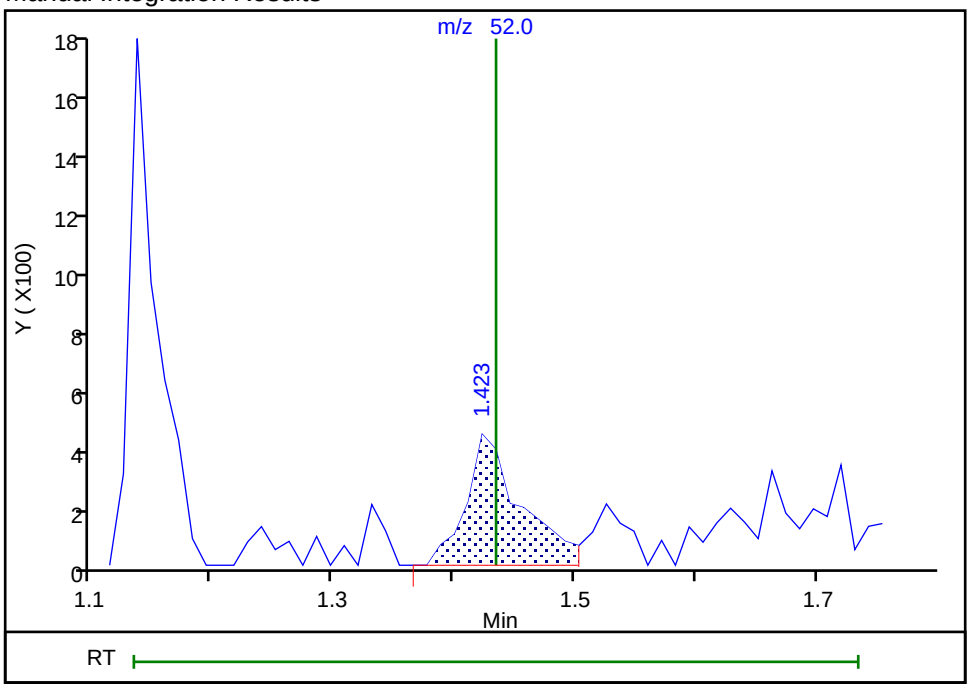
Processing Integration Results

RT: 1.42
Area: 1356
Amount: 0.276322
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 1356
Amount: 0.276322
Amount Units: ug/l



Reviewer: HVW2, 02-Jul-2022 02:49:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

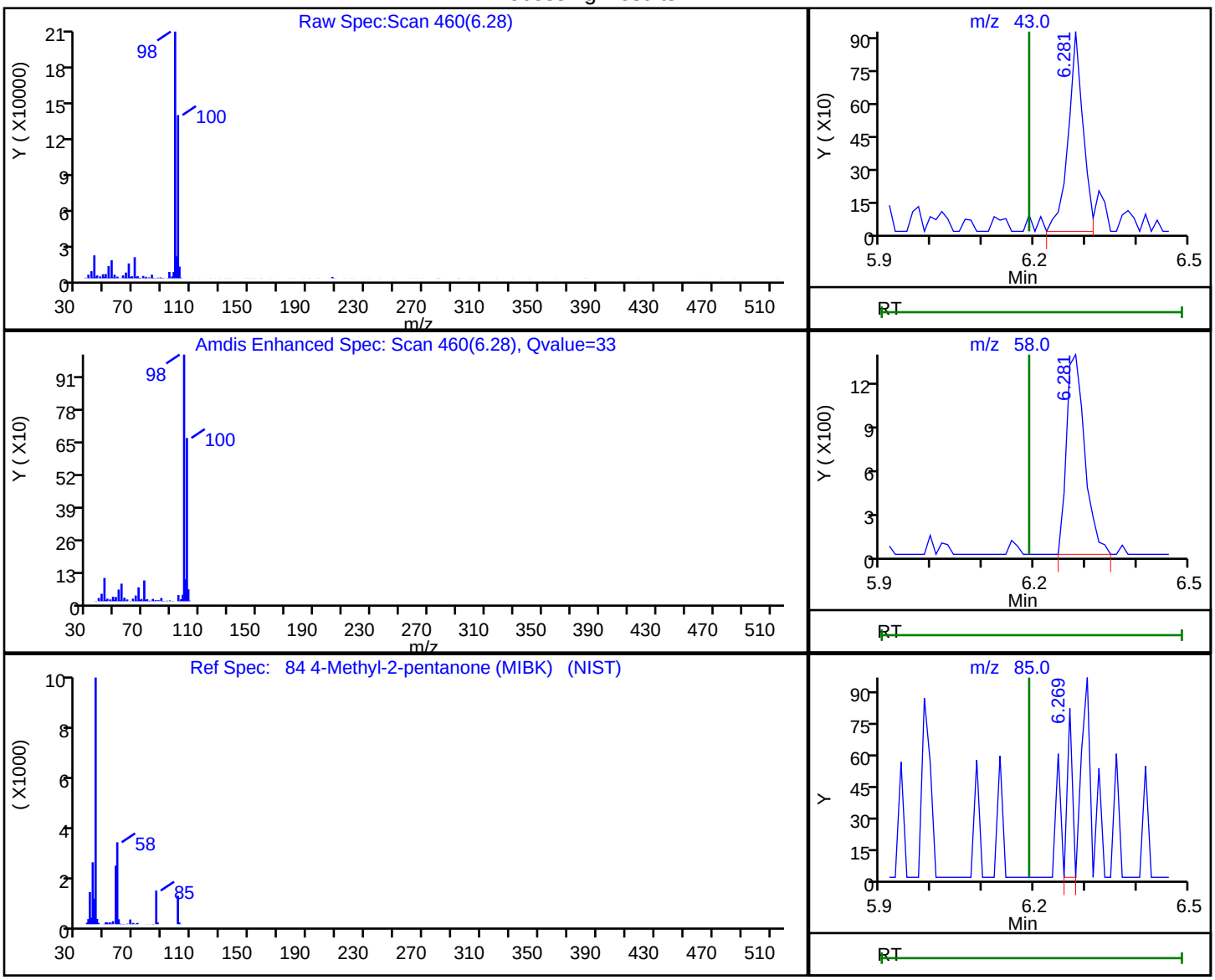
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21635.D		
Injection Date:	01-Jul-2022 23:42:30	Instrument ID:	CVOAMS7
Lims ID:	460-261101-A-18	Lab Sample ID:	460-261101-18
Client ID:	TB_20220624		
Operator ID:		ALS Bottle#:	64 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	1866	0.734001
6.28	58.00	3319	
6.27	85.00	56	
6.28	100.00	305079	

Reviewer: HVW2, 02-Jul-2022 02:49:32

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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-853073/3	V21575.D
Level 2	STD05 460-853073/4	V21576.D
Level 3	STD1 460-853073/18	V21590.D
Level 4	STD5 460-853073/6	V21578.D
Level 5	STD20 460-853073/7	V21579.D
Level 6	STD50 460-853073/8	V21580.D
Level 7	STD200 460-853073/9	V21581.D
Level 8	STD500 460-853073/10	V21582.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Monochloropentafluoroethane	+++++ 0.0354	0.0480 0.0396	0.0533 +++++	0.0371	0.0326	Ave		0.0410				19.5		20.0			
Chlorotrifluoroethene	+++++ 0.1565	0.2713 0.2232	0.1911 0.1782	0.1991	0.1797	Ave		0.1999				18.8		20.0			
1,1-Difluoroethane	+++++ 0.1830	0.2442 0.1981	0.2396 0.1964	0.1995	0.1916	Ave		0.2075				11.6		20.0			
Dichlorodifluoromethane	+++++ 0.3881	0.5293 0.5096	0.3289 0.5263	0.4941	0.4337	Ave		0.4586			0.1000	16.9		20.0			
Chlorodifluoromethane	+++++ 0.0780	0.0821 0.0795	0.0923 0.0752	0.0933	0.0763	Ave		0.0824				9.0		20.0			
Chloromethane	+++++ 0.4493	0.7201 0.5160	0.6599 0.4700	0.4947	0.4551	Lin2	0.1344	0.4749			0.1000				0.9940		0.9900
Vinyl chloride	+++++ 0.4974	0.6139 0.5435	0.5601 0.5131	0.5181	0.5127	Ave		0.5370			0.1000	7.4		20.0			
Butadiene	0.4496 0.4374	0.4898 0.5008	0.5452 0.4543	0.4336	0.4751	Ave		0.4732				8.0		20.0			
Bromomethane	+++++ 0.3218	0.3743 0.3535	0.4673 +++++	0.3293	0.3408	Ave		0.3645			0.1000	14.7		20.0			
Chloroethane	+++++ 0.3046	0.3939 0.3287	0.3284 0.3094	0.3155	0.3092	Ave		0.3271			0.1000	9.5		20.0			
Dichlorofluoromethane	+++++ 0.7170	0.9417 0.7257	0.7952 0.6769	0.7426	0.7147	Ave		0.7591				11.6		20.0			
Trichlorofluoromethane	+++++ 0.6346	0.7565 0.6500	0.7502 0.5679	0.6414	0.6640	Ave		0.6663			0.1000	10.0		20.0			
Pentane	+++++ 0.0786	0.0867 0.0778	0.1037 0.0774	0.0852	0.0814	Ave		0.0844				11.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Ethanol	+++++ 0.3954	1.0195 0.4976	0.9193 0.4444	0.4638	0.5047	QuaF		0.5148	-0.000003						0.9990		0.9900
Ethyl ether	+++++ 0.2797	0.2938 0.2760	0.2426 0.2702	0.2596	0.2737	Ave		0.2708				6.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3831	0.5516 0.3783	0.5392 0.3797	0.3734	0.3761	Ave		0.4259				19.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3987	0.5198 0.4019	0.4653 +++++	0.4697	0.4043	Ave		0.4433				11.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.5987	0.6732 0.6038	0.7187 0.5725	0.6310	0.6142	Ave		0.6303				7.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4097	0.4277 0.3928	0.4865 0.3893	0.4247	0.4121	Ave		0.4204			0.1000	7.7		20.0			
Acrolein	+++++ 0.0674	0.0717 0.0681	0.0688 0.0652	0.0635	0.0668	Ave		0.0674				3.9		20.0			
1,1-Dichloroethene	+++++ 0.4199	0.4818 0.4034	0.4598 0.3715	0.4344	0.4085	Ave		0.4256			0.1000	8.7		20.0			
Acetone	+++++ 1.4447	2.1092 1.3439	1.9549 1.2273	1.5469	1.6039	Ave		1.6044			0.0500	20.0		20.0			
Iodomethane	+++++ 0.6910	0.9044 0.6729	0.7263 0.6077	0.6497	0.6576	Ave		0.7014				13.8		20.0			
Isopropyl alcohol	+++++ 6.2589	6.1171 6.1003	8.0451 5.8361	6.6946	7.0251	Ave		6.5825				11.5		20.0			
Carbon disulfide	+++++ 1.2096	1.5497 1.1386	1.6205 1.1155	1.1807	1.1717	Ave		1.2837			0.1000	16.3		20.0			
3-Chloro-1-propene	+++++ 0.3226	0.4014 0.3263	0.3317 0.3220	0.2966	0.2972	Ave		0.3283				10.7		20.0			
Methyl acetate	+++++ 0.3585	0.3745 0.3561	0.3703 0.3639	0.3422	0.3525	Ave		0.3597			0.1000	3.1		20.0			
Acetonitrile	+++++ 0.5903	0.5731 0.6333	0.4766 0.6535	0.6618	0.5298	Ave		0.5883				11.6		20.0			
Methylene Chloride	+++++ 0.4394	0.4528 0.4348	0.5449 0.4186	0.4547	0.4295	Ave		0.4535			0.1000	9.3		20.0			
2-Methyl-2-propanol	+++++ 14.043	21.217 13.697	17.370 11.759	16.249	15.013	Lin2	37.014	13.888							0.9910		0.9900
Methyl tert-butyl ether	+++++ 1.3884	1.6925 1.3927	1.3455 1.3870	1.3182	1.3454	Ave		1.4100			0.1000	9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
trans-1,2-Dichloroethene	+++++ 0.4794	0.6693 0.4821	0.5929 0.4585	0.4997	0.4647	Ave		0.5210			0.1000	15.3		20.0			
Acrylonitrile	0.1451 0.1871	0.1651 0.1943	0.1665 0.1990	0.1602	0.1845	Ave		0.1752				10.7		20.0			
Hexane	+++++ 0.4675	0.4639 0.4914	0.5792 0.5271	0.4833	0.4831	Ave		0.4994				8.2		20.0			
Isopropyl ether	+++++ 1.2715	1.5743 1.3167	1.3664 1.3923	1.2226	1.2321	Ave		1.3394				9.1		20.0			
1,1-Dichloroethane	+++++ 0.7845	0.9799 0.7970	0.8367 0.7645	0.7553	0.7729	Ave		0.8130			0.2000	9.6		20.0			
Vinyl acetate	+++++ 1.2704	1.4048 1.3524	1.0963 1.1429	1.2822	1.3386	Ave		1.2697				8.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4552	0.5295 0.4557	0.4702 0.4473	0.4565	0.4427	Ave		0.4653				6.4		20.0			
Tert-butyl ethyl ether	+++++ 1.3537	1.5302 1.3852	1.3024 1.3939	1.2533	1.3290	Ave		1.3640				6.4		20.0			
2,2-Dichloropropane	+++++ 0.1727	0.2106 0.1775	0.2104 0.1691	0.1848	0.1800	Ave		0.1864				9.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.5340	0.7266 0.5446	0.6876 0.5094	0.5529	0.5088	Ave		0.5805			0.1000	15.3		20.0			
Methyl Ethyl Ketone	+++++ 0.7581	0.8567 0.7354	0.7482 0.6563	0.7893	0.7574	Ave		0.7573			0.0500	7.9		20.0			
Ethyl acetate	+++++ 0.6134	0.6704 0.6340	0.6565 0.5797	0.7877	0.6941	Ave		0.6622				10.1		20.0			
Methyl acrylate	+++++ 0.4086	0.2436 0.4296	0.3732 0.4345	0.3493	0.3680	Lin2	-0.074	0.4072							0.9920		0.9900
Propionitrile	+++++ 0.0698	0.0499 0.0698	0.0580 0.0705	0.0663	0.0664	Ave		0.0644				12.0		20.0			
Chlorobromomethane	+++++ 0.2731	0.3731 0.2588	0.3054 +++++	0.2652	0.2809	Ave		0.2928				14.5		20.0			
Tetrahydrofuran	+++++ 0.0741	0.0981 0.0753	0.0715 0.0741	0.0764	0.0726	Ave		0.0774				12.0		20.0			
Methacrylonitrile	+++++ 0.2322	0.2373 0.2385	0.1990 0.2293	0.2079	0.2234	Ave		0.2240				6.7		20.0			
Chloroform	+++++ 0.7746	0.9512 0.7753	0.8697 0.7564	0.7518	0.7656	Ave		0.8064			0.2000	9.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Cyclohexane	+++++ 0.6564	0.7278 0.6585	0.7985 0.6724	0.6481	0.6539	Ave		0.6879			0.1000	8.1		20.0			
1,1,1-Trichloroethane	+++++ 0.7090	0.8749 0.7032	0.7780 0.6716	0.7190	0.7009	Ave		0.7366			0.1000	9.4		20.0			
Carbon tetrachloride	+++++ 0.5991	0.6137 0.6034	0.6648 0.5700	0.5949	0.5814	Ave		0.6039			0.1000	5.0		20.0			
1,1-Dichloropropene	+++++ 0.6159	0.8528 0.6401	0.5441 0.6411	0.6504	0.6004	Ave		0.6492				14.9		20.0			
Isobutyl alcohol	+++++ 8.2047	4.3516 8.3397	6.6422 7.6879	7.0602	7.9372	Lin2	-43.72	7.9935							0.9970		0.9900
Benzene	+++++ 2.3626	3.0784 2.4909	2.5631 2.5971	2.3474	2.3117	Ave		2.5359			0.5000	10.4		20.0			
Isopropyl acetate	+++++ 0.4900	0.6078 0.4834	0.4773 0.4585	0.4273	0.4584	Ave		0.4861				11.8		20.0			
Tert-amyl methyl ether	+++++ 1.5062	1.6678 1.4767	1.5018 1.4850	1.3511	1.4034	Ave		1.4846				6.7		20.0			
1,2-Dichloroethane	+++++ 0.5780	0.6985 0.5774	0.5758 0.5529	0.5688	0.5688	Ave		0.5886			0.1000	8.4		20.0			
n-Heptane	+++++ 0.2028	0.2780 0.2207	0.2432 0.2351	0.1892	0.2134	Ave		0.2261				13.0		20.0			
n-Butanol	+++++ 2.6882	+++++ 3.2277	+++++ 3.0726	1.2601	2.1700	Ave		2.4837				32.1	*	20.0			
Trichloroethene	+++++ 0.4814	0.6106 0.4978	0.5174 0.4736	0.4590	0.4642	Ave		0.5006			0.2000	10.5		20.0			
Ethyl acrylate	+++++ 0.0841	0.0741 0.0835	0.0562 0.0815	0.0597	0.0741	Ave		0.0733				15.4		20.0			
Methylcyclohexane	+++++ 0.6619	0.5866 0.6913	0.7317 0.7012	0.6502	0.6687	Ave		0.6702			0.1000	6.9		20.0			
1,2-Dichloropropane	+++++ 0.4315	0.4490 0.4477	0.4529 0.4490	0.4066	0.4106	Ave		0.4353			0.1000	4.5		20.0			
Methyl methacrylate	+++++ 0.1711	0.1662 0.1757	0.1109 0.1648	0.1367	0.1617	Ave		0.1553				15.0		20.0			
1,4-Dioxane	+++++ 2.2037	2.1160 4.0613	2.7051 3.7461	3.0898	2.4611	QuaF		3.9527	-0.000020						0.9970		0.9900
n-Propyl acetate	+++++ 0.6723	0.6541 0.6886	0.5427 0.6916	0.6067	0.6478	Ave		0.6434				8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Dibromomethane	+++++ 0.2876	0.3737 0.2869	0.2806 0.2712	0.2589	0.2748	Ave		0.2905				13.1		20.0			
Bromodichloromethane	+++++ 0.5950	0.6133 0.6099	0.6557 0.5810	0.5647	0.5715	Ave		0.5987			0.2000	5.2		20.0			
2-Nitropropane	+++++ 0.1625	0.1515 0.1665	0.1778 0.1558	0.1503	0.1582	Ave		0.1604				6.0		20.0			
2-Chloroethyl vinyl ether	+++++ 0.3254	0.2844 0.3409	0.2560 0.3369	0.2630	0.2892	Ave		0.2994				11.7		20.0			
Epichlorohydrin	0.7415 0.6150	0.5111 0.6133	0.4260 0.5638	0.6098	0.6245	Ave		0.5881				15.7		20.0			
cis-1,3-Dichloropropene	+++++ 0.9968	1.1137 1.0278	1.0913 1.0553	0.9427	0.9651	Ave		1.0275			0.2000	6.2		20.0			
methyl isobutyl ketone	+++++ 5.0258	5.0658 5.1651	4.3504 4.8195	4.8146	5.1974	Ave		4.9198			0.0500	6.0		20.0			
Toluene	+++++ 2.6610	3.6778 2.8252	2.8341 2.8504	2.6039	2.6730	Ave		2.8751			0.4000	12.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.8948	1.0896 0.9754	0.9050 0.9729	0.8124	0.8715	Ave		0.9317			0.1000	9.6		20.0			
Ethyl methacrylate	+++++ 0.7392	0.7610 0.8152	0.5705 0.8503	0.5787	0.7092	Ave		0.7178				15.1		20.0			
1,1,2-Trichloroethane	+++++ 0.4599	0.6301 0.4801	0.4674 0.4764	0.4774	0.4456	Ave		0.4910			0.1000	12.7		20.0			
Tetrachloroethene	+++++ 0.6794	0.9437 0.6918	0.7705 0.6370	0.6853	0.7108	Ave		0.7312			0.2000	13.9		20.0			
1,3-Dichloropropane	+++++ 0.9209	1.0453 0.9564	0.9349 0.9716	0.8854	0.9018	Ave		0.9452				5.6		20.0			
2-Hexanone	+++++ 3.4144	2.6068 3.5409	2.3887 3.3560	3.0411	3.4406	Ave		3.1127			0.0500	14.5		20.0			
n-Butyl acetate	+++++ 0.8558	0.4828 0.9057	0.8590 0.9713	0.7362	0.8758	Qua2	-0.155	0.8604	0.0002214						0.9910		0.9900
Dibromochloromethane	+++++ 0.6375	0.7706 0.6623	0.7048 0.6246	0.6168	0.6405	Ave		0.6653			0.1000	8.2		20.0			
Ethylene Dibromide	+++++ 0.5889	0.6689 0.6069	0.6322 0.5835	0.5474	0.5780	Ave		0.6008			0.1000	6.6		20.0			
Chlorobenzene	+++++ 1.7367	2.3550 1.8297	1.9626 1.7701	1.7785	1.7831	Ave		1.8880			0.5000	11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 0.9535	1.0046 0.9921	0.9412 0.9730	0.9123	0.9285	Ave		0.9579			0.1000	3.5		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.6134	0.6938 0.6210	0.5857 0.5717	0.6124	0.6135	Ave		0.6159				6.3		20.0			
m-Xylene & p-Xylene	+++++ 1.1678	1.1965 1.1930	1.1912 1.2002	1.1246	1.1193	Ave		1.1704			0.1000	3.0		20.0			
o-Xylene	+++++ 1.1559	1.2856 1.1723	1.2540 1.1552	1.0555	1.1053	Ave		1.1691			0.3000	6.8		20.0			
n-Butyl acrylate	+++++ 0.4458	0.5320 0.4823	0.4062 0.5204	0.3604	0.4121	Ave		0.4513				14.0		20.0			
Styrene	+++++ 1.8828	1.6314 1.9601	1.6357 1.9824	1.6947	1.8449	Ave		1.8046			0.3000	8.3		20.0			
Amyl acetate (mixed isomers)	+++++ 1.8816	1.7122 2.0494	1.4333 2.3707	1.6081	1.7957	Ave		1.8359				16.7		20.0			
Bromoform	+++++ 0.4333	0.5071 0.4517	0.3805 0.4189	0.3984	0.4406	Ave		0.4329			0.1000	9.5		20.0			
Isopropylbenzene	+++++ 2.7482	3.4056 2.8499	3.0113 2.8161	2.6793	2.7597	Ave		2.8957			0.1000	8.6		20.0			
Bromobenzene	+++++ 1.4565	1.8408 1.5126	1.5855 1.4448	1.5058	1.4557	Ave		1.5431				9.1		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.4764	1.7287 1.5951	1.5902 1.7755	1.3902	1.5261	Ave		1.5832			0.3000	8.6		20.0			
N-Propylbenzene	+++++ 6.2986	6.5487 6.7999	6.2127 6.2299	6.1152	6.2549	Ave		6.3514				3.8		20.0			
1,2,3-Trichloropropane	+++++ 0.4901	0.7241 0.4953	0.6096 0.5044	0.4618	0.5083	Lin2	0.1177	0.4869							0.9970		0.9900
trans-1,4-Dichloro-2-butene	+++++ 0.4067	0.3666 0.4669	0.4500 0.5180	0.3989	0.3802	Ave		0.4268				12.6		20.0			
2-Chlorotoluene	+++++ 4.0559	4.2458 4.4292	4.0364 4.7040	3.9035	4.0976	Ave		4.2103				6.5		20.0			
4-Ethyltoluene	+++++ 5.6157	6.4037 5.9518	5.0656 6.0673	5.1722	5.6153	Ave		5.6988				8.4		20.0			
1,3,5-Trimethylbenzene	+++++ 4.4047	4.4057 4.6127	4.4571 4.8359	4.3452	4.4415	Ave		4.5004				3.8		20.0			
4-Chlorotoluene	+++++ 3.7498	3.7203 4.0378	4.1147 4.4056	3.8462	3.8127	Ave		3.9553				6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.5111	1.4864 1.6596	1.1592 1.8326	1.1226	1.3995	Ave		1.4530				17.5		20.0			
tert-Butylbenzene	+++++ 3.8145	4.1724 4.0372	3.8620 4.2188	3.9140	3.8897	Ave		3.9869				4.0		20.0			
1,2,4-Trimethylbenzene	+++++ 4.4198	4.3956 4.7460	3.9931 4.8380	4.2161	4.5076	Ave		4.4451				6.5		20.0			
sec-Butylbenzene	+++++ 5.2717	5.6052 5.6670	5.3217 5.8256	5.3157	5.4162	Ave		5.4890				3.9		20.0			
4-Isopropyltoluene	+++++ 4.6861	4.9242 5.0183	4.6306 5.2505	4.4698	4.5993	Ave		4.7970				5.8		20.0			
1,3-Dichlorobenzene	+++++ 2.6834	2.8257 2.7469	2.9243 2.8311	2.6846	2.7539	Ave		2.7786			0.6000	3.1		20.0			
1,4-Dichlorobenzene	+++++ 2.6625	3.2980 2.7673	3.1636 2.8745	2.6895	2.7897	Ave		2.8922			0.5000	8.5		20.0			
Benzyl chloride	+++++ 3.1310	3.1583 3.5593	2.6157 3.8585	2.8103	3.1410	Ave		3.1820				13.2		20.0			
p-Diethylbenzene	+++++ 2.4452	2.8199 2.6161	2.4915 2.7726	2.4201	2.5147	Ave		2.5829				6.2		20.0			
n-Butylbenzene	+++++ 1.9854	2.1542 2.1794	2.1357 2.5022	1.8563	1.9894	Ave		2.1147				9.8		20.0			
1,2-Dichlorobenzene	+++++ 2.5579	3.2555 2.5873	2.6455 2.6694	2.4611	2.6143	Ave		2.6844			0.4000	9.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.5994	4.1831 4.2745	3.0090 4.6000	3.1542	3.4209	Ave		3.7487				16.2		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.3754	0.4537 0.4097	0.3300 0.4046	0.3757	0.3748	Ave		0.3891			0.0500	9.9		20.0			
1,3,5-Trichlorobenzene	+++++ 1.5153	1.8519 1.6383	1.6066 1.6245	1.4669	1.5587	Ave		1.6089				7.7		20.0			
1,2,4-Trichlorobenzene	+++++ 1.3872	1.5157 1.4931	1.4309 1.4842	1.3026	1.4068	Ave		1.4315			0.2000	5.2		20.0			
Hexachlorobutadiene	+++++ 0.4107	0.6742 0.4354	0.6011 0.4426	0.4641	0.4419	Lin2	0.1286	0.4355							0.9970		0.9900
Naphthalene	+++++ 4.2923	3.9971 5.1378	3.0689 5.3199	3.7388	4.1374	Ave		4.2418				18.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.3243	1.5555 1.3894	1.2806 1.4123	1.2049	1.3102	Ave		1.3539				8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Dibromofluoromethane (Surr)	0.2821 0.2871	0.2834 0.2861	0.2938 0.2611	0.2791	0.2906	Ave		0.2829				3.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2846 0.2831	0.2823 0.2914	0.2921 0.2811	0.2781	0.2798	Ave		0.2841				1.8		20.0			
Toluene-d8 (Surr)	1.6262 1.6105	1.6477 1.6835	1.6689 1.6607	1.6148	1.6574	Ave		1.6462				1.6		20.0			
4-Bromofluorobenzene	0.4417 0.4529	0.4625 0.4340	0.4584 0.4123	0.4515	0.4649	Ave		0.4473				3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-853073/3	V21575.D
Level 2	STD05 460-853073/4	V21576.D
Level 3	STD1 460-853073/18	V21590.D
Level 4	STD5 460-853073/6	V21578.D
Level 5	STD20 460-853073/7	V21579.D
Level 6	STD50 460-853073/8	V21580.D
Level 7	STD200 460-853073/9	V21581.D
Level 8	STD500 460-853073/10	V21582.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
Monochloropentafluoroethane	FB	Ave	+++++	237	526	1719	5914	+++++	0.500	1.00	5.00	20.0
			16917	85498	+++++			50.0	200	+++++		
Chlorotrifluoroethene	FB	Ave	+++++	1341	1886	9217	32592	+++++	0.500	1.00	5.00	20.0
			74907	481655	1156842			50.0	200	500		
1,1-Difluoroethane	FB	Ave	+++++	1207	2365	9236	34748	+++++	0.500	1.00	5.00	20.0
			87583	427655	1275145			50.0	200	500		
Dichlorodifluoromethane	FB	Ave	+++++	2616	3247	22876	78678	+++++	0.500	1.00	5.00	20.0
			185726	1099969	3416853			50.0	200	500		
Chlorodifluoromethane	FB	Ave	+++++	406	911	4319	13848	+++++	0.500	1.00	5.00	20.0
			37323	171614	488296			50.0	200	500		
Chloromethane	FB	Lin2	+++++	3559	6514	22906	82546	+++++	0.500	1.00	5.00	20.0
			215008	1113651	3051107			50.0	200	500		
Vinyl chloride	FB	Ave	+++++	3034	5529	23986	92997	+++++	0.500	1.00	5.00	20.0
			238006	1173134	3330901			50.0	200	500		
Butadiene	FB	Ave	1122	2421	5382	20076	86186	0.250	0.500	1.00	5.00	20.0
			209280	1080945	2949066			50.0	200	500		
Bromomethane	FB	Ave	+++++	1850	4613	15248	61826	+++++	0.500	1.00	5.00	20.0
			154000	763060	+++++			50.0	200	+++++		
Chloroethane	FB	Ave	+++++	1947	3242	14609	56092	+++++	0.500	1.00	5.00	20.0
			145750	709438	2008225			50.0	200	500		
Dichlorofluoromethane	FB	Ave	+++++	4654	7850	34380	129651	+++++	0.500	1.00	5.00	20.0
			343075	1566341	4394219			50.0	200	500		
Trichlorofluoromethane	FB	Ave	+++++	3739	7405	29694	120445	+++++	0.500	1.00	5.00	20.0
			303643	1402830	3686333			50.0	200	500		
Pentane	FB	Ave	+++++	857	2048	7890	29543	+++++	1.00	2.00	10.0	40.0
			75251	335816	1004792			100	400	1000		

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
Ethanol	TBAd9	QuaF	+++++ 25040	656 144156	1092 422924	2635	11588	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	+++++ 133840	1452 595780	2395 1754095	12021	49648	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 183319	2726 816587	5323 2464746	17288	68222	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 190788	2569 867442	4593 +++++	21746	73344	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 286508	3327 1303227	7094 3716468	29216	111408	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 196024	2114 847785	4802 2526882	19661	74759	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 64522	1417 147071	2715 338780	11765	24233	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 200945	2381 870700	4539 2411886	20113	74107	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 304001	4523 1323981	8345 4008248	28362	119495	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 330663	4470 1452451	7169 3944645	30080	119287	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 99094	984 441859	2389 1388409	9508	40321	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 578816	7659 2457594	15996 7241376	54663	212541	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 154373	1984 704363	3274 2090520	13732	53903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 343131	3702 1537192	7311 4725200	31684	127893	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Acetonitrile	BUT	Ave	+++++ 248442	2458 1247736	4069 4268507	24267	78948	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++	2238	5379	21053	77910	+++++	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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
			210235	938379	2717180			50.0	200	500		
2-Methyl-2-propanol	TBAd9	Lin2	+++++ 222328	3413 992077	5158 2797542	23077	86169	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 664350	8365 3006025	13282 9003638	61029	244051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 229422	3308 1040561	5853 2976387	23137	84301	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2897 895477	8161 4194469	16435 12921228	74171	334744	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 223712	2293 1060708	5717 3421461	22375	87637	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 608420	7781 2841915	13488 9038181	56607	223497	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 375401	4843 1720299	8259 4962763	34968	140202	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 106931	1205 532934	1872 1493047	9404	39892	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 217834	2617 983524	4641 2903401	21135	80301	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 647774	7563 2989818	12856 9048487	58027	241079	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 82619	1041 383129	2077 1097806	8556	32650	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 255517	3591 1175511	6787 3307010	25597	92294	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 159528	1837 724514	3194 2143366	14472	56427	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 51627	575 249821	1121 757293	5777	20686	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Lin2	+++++ 195520	1204 927297	3684 2820612	16173	66757	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 334037	2465 1505551	5724 4578647	30707	120412	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 130660	1844 558662	3015 +++++	12279	50952	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
Tetrahydrofuran	FB	Ave	+++++ 70878	970 325132	1411 962648	7075	26337	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 1111212	11729 5148648	19647 14887050	96246	405195	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 370639	4701 1673294	8585 4910331	34806	138880	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 314071	3597 1421220	7882 4364699	30005	118609	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 339241	4324 1517660	7680 4359644	33291	127134	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 286663	3033 1302341	6562 3700291	27545	105470	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 294702	4215 1381468	5371 4161756	30112	108907	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Lin2	+++++ 324753	1750 1510156	4931 4572399	25068	113891	+++++ 1250	12.5 5000	25.0 12500	125	500
Benzene	CBNZd5	Ave	+++++ 914064	11261 4203678	19506 12575503	83895	327841	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 234456	3004 1043394	4712 2976407	19783	83155	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 720724	8243 3187271	14825 9639882	62554	254577	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 276557	3452 1246226	5684 3589482	26333	103188	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 97025	1374 476253	2401 1525893	8761	38717	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 106401	+++++ 584479	+++++ 1827427	4474	31137	+++++ 1250	+++++ 5000	+++++ 12500	125	500
Trichloroethene	FB	Ave	+++++ 230340	3018 1074495	5107 3074334	21253	84198	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 40260	366 180230	555 528939	2763	13448	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++	2899	7223	30104	121296	+++++	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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
			316746	1492143	4552139			50.0	200	500		
1,2-Dichloropropane	FB	Ave	+++++ 206459	2219 966378	4471 2914637	18823	74487	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 163758	1643 758595	2189 2139627	12658	58661	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	QuaF	+++++ 49168	1051 200500	2559 579677	5393	18651	+++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 321680	3233 1486253	5357 4489619	28091	117513	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 137638	1847 619254	2770 1760353	11987	49848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 284727	3031 1316337	6473 3771841	26146	103666	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 155546	1498 718775	3510 2022376	13918	57396	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 156101	1409 737554	2533 2192460	12208	52583	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	2776 517623	4384 2416921	7274 7365133	44720	186099	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 385664	4074 1734630	8305 5110104	33693	136861	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 1057589	10863 5088450	18571 15739574	88278	387216	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 1029518	13454 4767920	21568 13801930	93060	379076	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 346192	3986 1646175	6887 4710952	29036	123599	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 285983	2784 1375781	4342 4117379	20684	100579	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 177933	2305 810215	3557 2306675	17061	63190	+++++ 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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
Tetrachloroethene	CBNZ d5	Ave	+++++ 262866	3452 1167579	5864 3084618	24492	100798	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 356277	3824 1613997	7115 4704698	31644	127894	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 718484	5590 3488291	10197 10960234	55760	256332	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Qua2	+++++ 331106	1766 1528474	6537 4702999	26311	124208	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 246638	2819 1117774	5364 3024445	22045	90836	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 227836	2447 1024216	4811 2825320	19565	81963	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 671923	8615 3087794	14936 8570993	63562	252866	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 368914	3675 1674288	7163 4711593	32604	131670	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 237328	2538 1048062	4457 2768397	21888	87004	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 451795	4377 2013379	9065 5811765	40191	158731	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 447193	4703 1978329	9543 5593759	37723	156749	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 172459	1946 813976	3091 2519785	12880	58436	+++++ 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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++ 728429	5968 3307899	12448 9599239	60568	261642	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 362417	3223 1658310	5434 5447306	28413	125960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 167639	1855 762307	2896 2028190	14237	62491	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1063267	12458 4809579	22917 13635954	95754	391370	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 280541	3465 1223940	6011 3319698	26605	102109	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 284376	3254 1290701	6029 4079654	24563	107046	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 1213164	12327 5502325	23554 14314691	108046	438746	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Lin2	+++++ 94403	1363 400783	2311 1159088	8159	35654	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 78341	690 377792	1706 1190156	7048	26671	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 781208	7992 3584035	15303 10808576	68968	287424	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1081620	12054 4816109	19205 13941034	91385	393880	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 848371	8293 3732500	16898 11111688	76772	311543	+++++ 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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
4-Chlorotoluene	DCBd 4	Ave	+++++ 722248	7003 3267280	15600 10122791	67957	267439	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 291058	2798 1342911	4395 4210776	19834	98168	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 734696	7854 3266790	14642 9693600	69155	272837	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 851284	8274 3840328	15139 11116397	74491	316179	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1015373	10551 4585640	20176 13385553	93920	379917	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 902580	9269 4060707	17556 12064266	78975	322611	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 516853	5319 2222741	11087 6505105	47433	193173	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 512816	6208 2239256	11994 6604816	47519	195681	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	+++++ 603060	5945 2880154	9917 8865889	49653	220324	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 470963	5308 2116929	9446 6370671	42760	176389	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	+++++ 382412	4055 1763554	8097 5749489	32798	139547	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 492676	6128 2093600	10030 6133566	43483	183375	+++++ 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.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

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
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 693278	7874 3458826	11408 10569461	55730	239959	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 72313	854 331487	1251 929770	6638	26289	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 291858	3486 1325650	6091 3732551	25918	109331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 267194	2853 1208168	5425 3410269	23015	98681	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Lin2	+++++ 79096	1269 352293	2279 1016960	8200	31000	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 826730	7524 4157423	11635 12223696	66059	290214	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 255067	2928 1124315	4855 3245158	21288	91903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	140773 137371	140048 154375	145023 169527	129223	131771	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	142063 135458	139536 157237	144180 182459	128758	126898	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	606615 623080	602765 710298	635040 804158	577122	587622	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	164762 175211	169188 183113	174412 199638	161376	164836	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-261101-1 Analy Batch No.: 853073

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2022 01:33 Calibration End Date: 07/01/2022 07:33 Calibration ID: 90819

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-853073/3	V21575.D
Level 2	STD05 460-853073/4	V21576.D
Level 3	STD1 460-853073/18	V21590.D
Level 4	STD5 460-853073/6	V21578.D
Level 5	STD20 460-853073/7	V21579.D
Level 6	STD50 460-853073/8	V21580.D
Level 7	STD200 460-853073/9	V21581.D
Level 8	STD500 460-853073/10	V21582.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
Chloromethane	+++++	-5.0						30				
2-Methyl-2-propanol	+++++	-0.5						30				
Methyl acrylate	+++++	-3.7						30				
Isobutyl alcohol	+++++	-1.8						30				
1,2,3-Trichloropropane	+++++	0.4						30				
Hexachlorobutadiene	+++++	-4.3						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 01-Jul-2022 01:33:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0147308-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:47:14 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 01:55:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.492	1.503	-0.011	27	1122	0.2500	0.2375	
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	99	26942	1000.0	1000.0	
35 Acrylonitrile	53	2.840	2.806	0.034	92	2897	2.00	1.66	
* 42 2-Butanone-d5	46	3.503	3.515	-0.012	99	187196	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.960	3.961	-0.001	97	140773	50.0	49.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	142063	50.0	50.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	499094	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	88	15921	1000.0	1000.0	
80 Epichlorohydrin	57	5.995	5.961	0.034	74	2776	5.00	6.30	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	606615	50.0	49.4	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	84	373025	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	164762	50.0	49.4	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	94	182933	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

GASES Li_00482	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00155	Amount Added:	0.00	Units: uL	
524freon_00053	Amount Added:	0.00	Units: uL	
ACROLEIN W_00141	Amount Added:	0.00	Units: uL	
14DIOXINTER_00143	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00101	Amount Added:	20.00	Units: uL	
MIX I Hi_00151	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00124	Amount Added:	0.00	Units: uL	
Ethanol mix_00066	Amount Added:	0.00	Units: uL	
8FreonHi_00046	Amount Added:	0.00	Units: uL	
GAS Hi_00417	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:47:16 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D

Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7

Lims ID: STD8

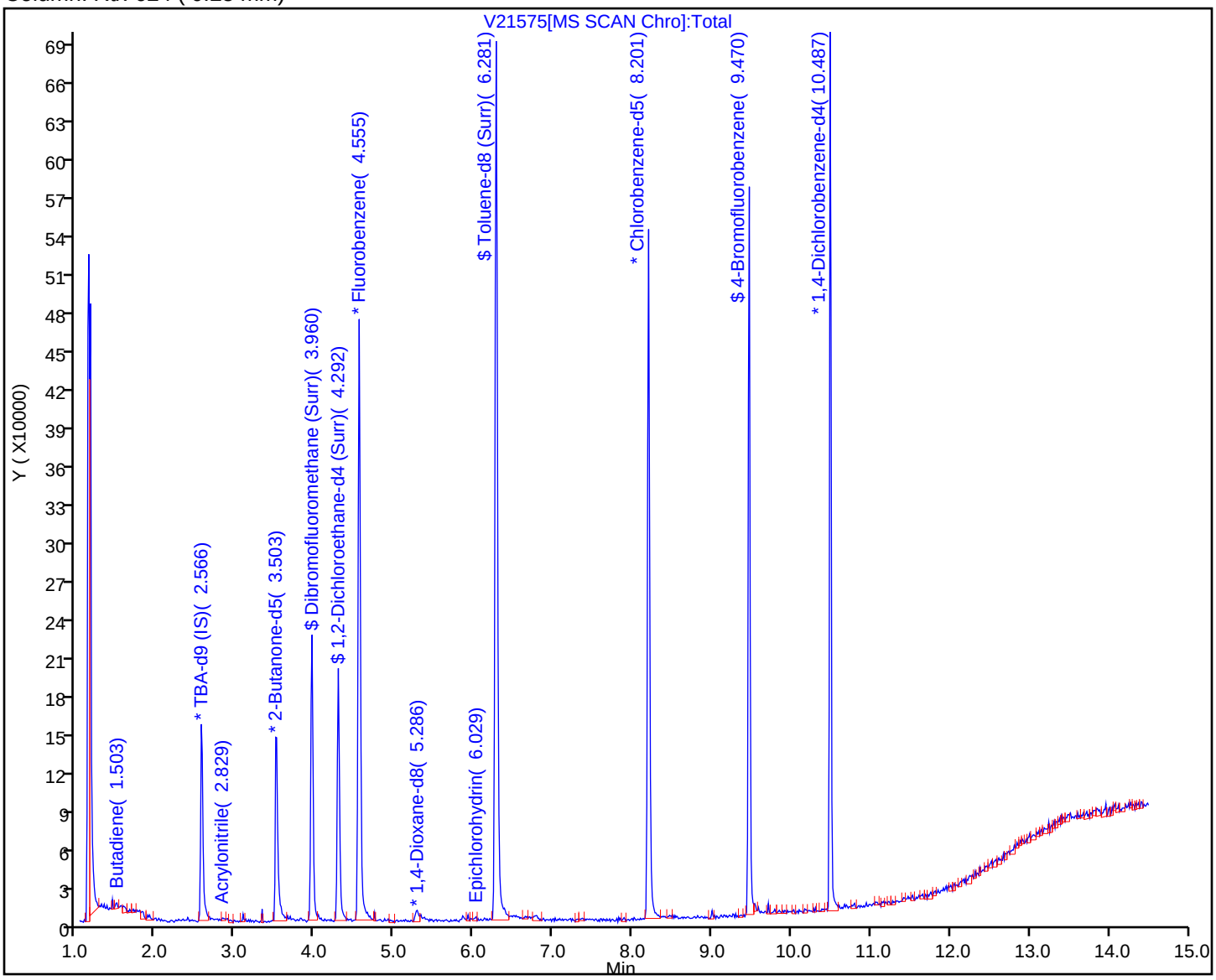
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



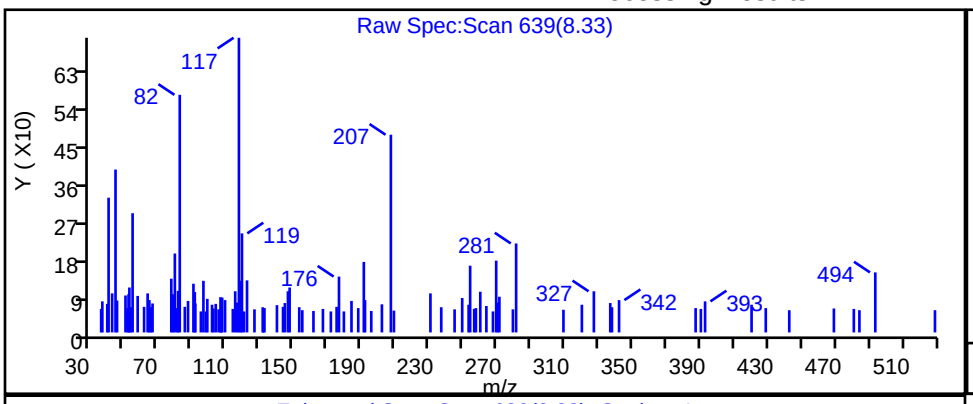
User Disabled Compound Report

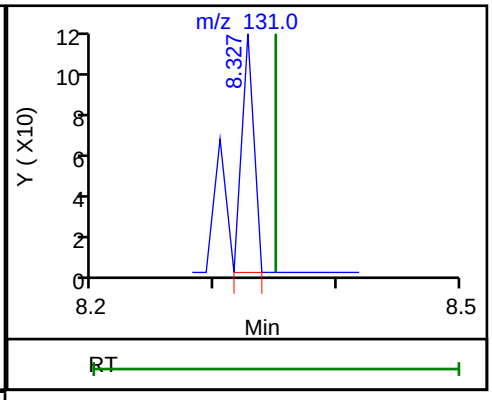
Eurofins Edison

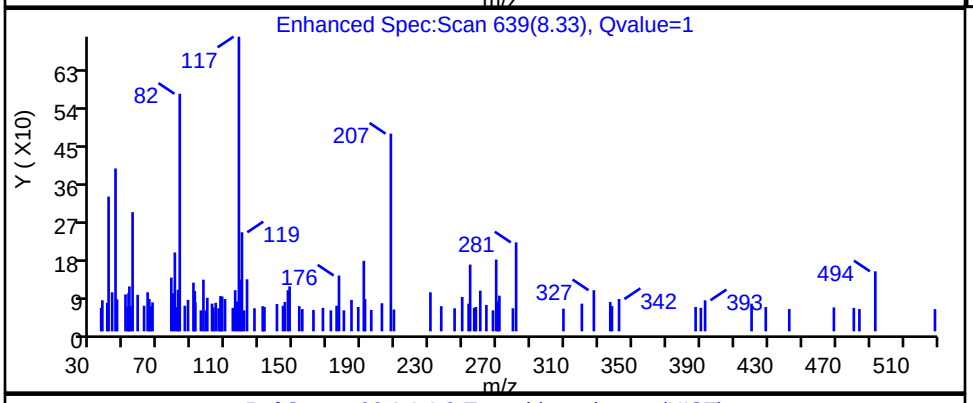
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D				
Injection Date:	01-Jul-2022 01:33:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

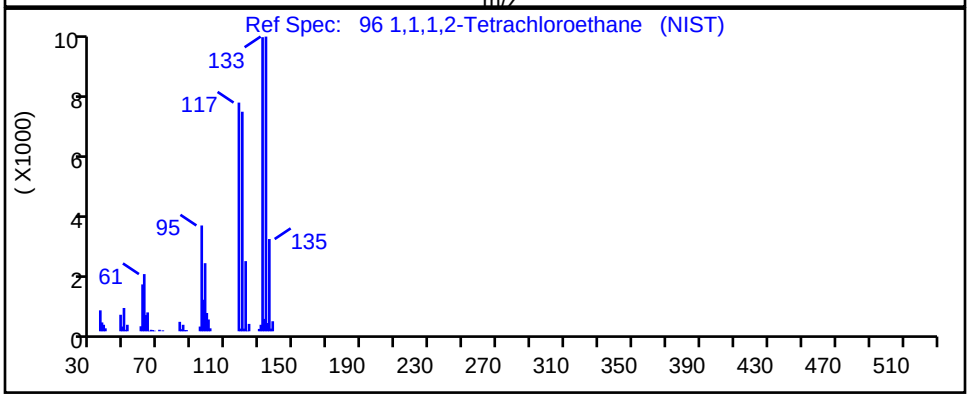
96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.33	131.00	81	0.017614

Reviewer: NN6A, 01-Jul-2022 12:43:11

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

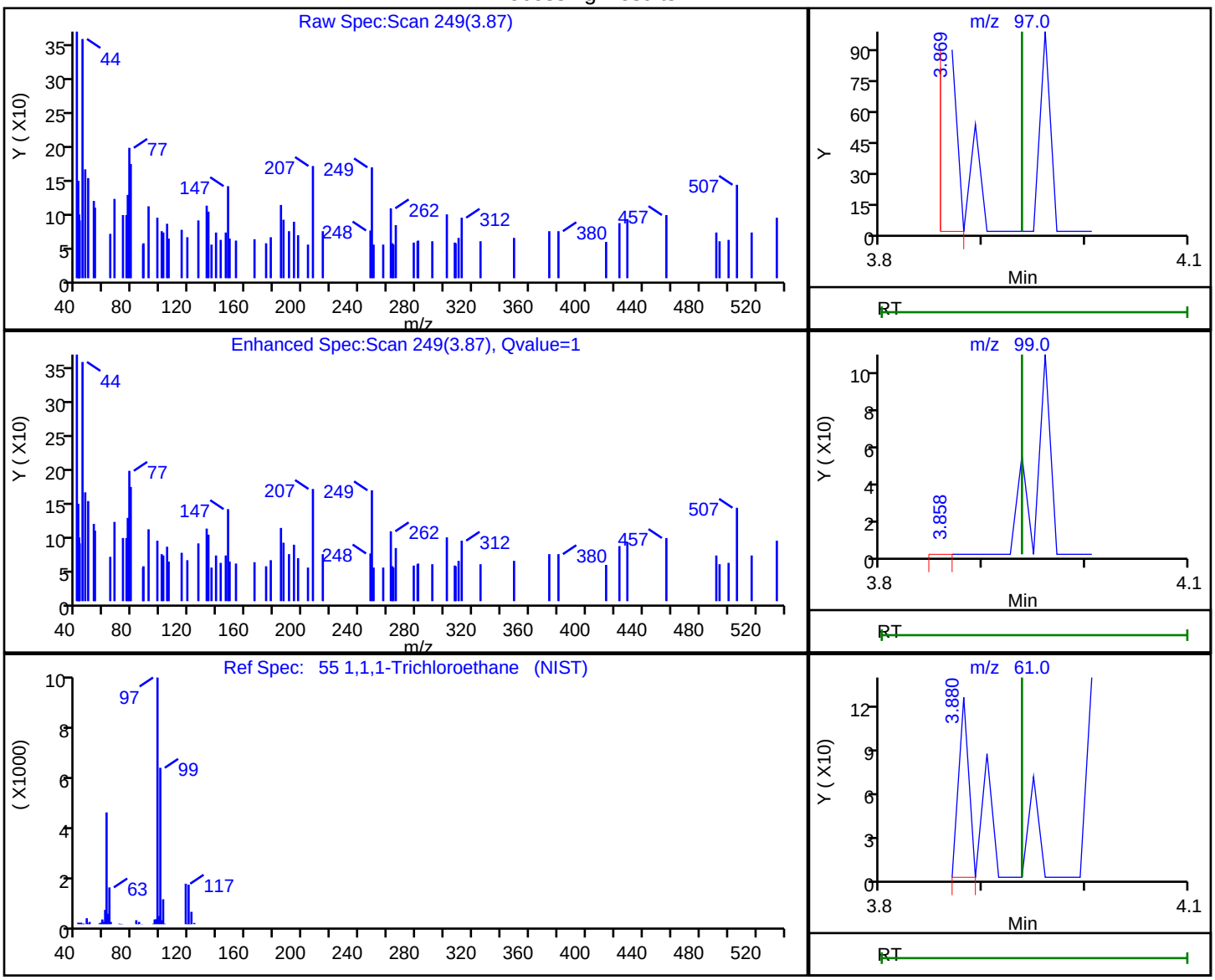
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

55 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.87	97.00	62	0.008394
3.86	99.00	45	
3.88	61.00	81	

Reviewer: NN6A, 01-Jul-2022 12:42:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

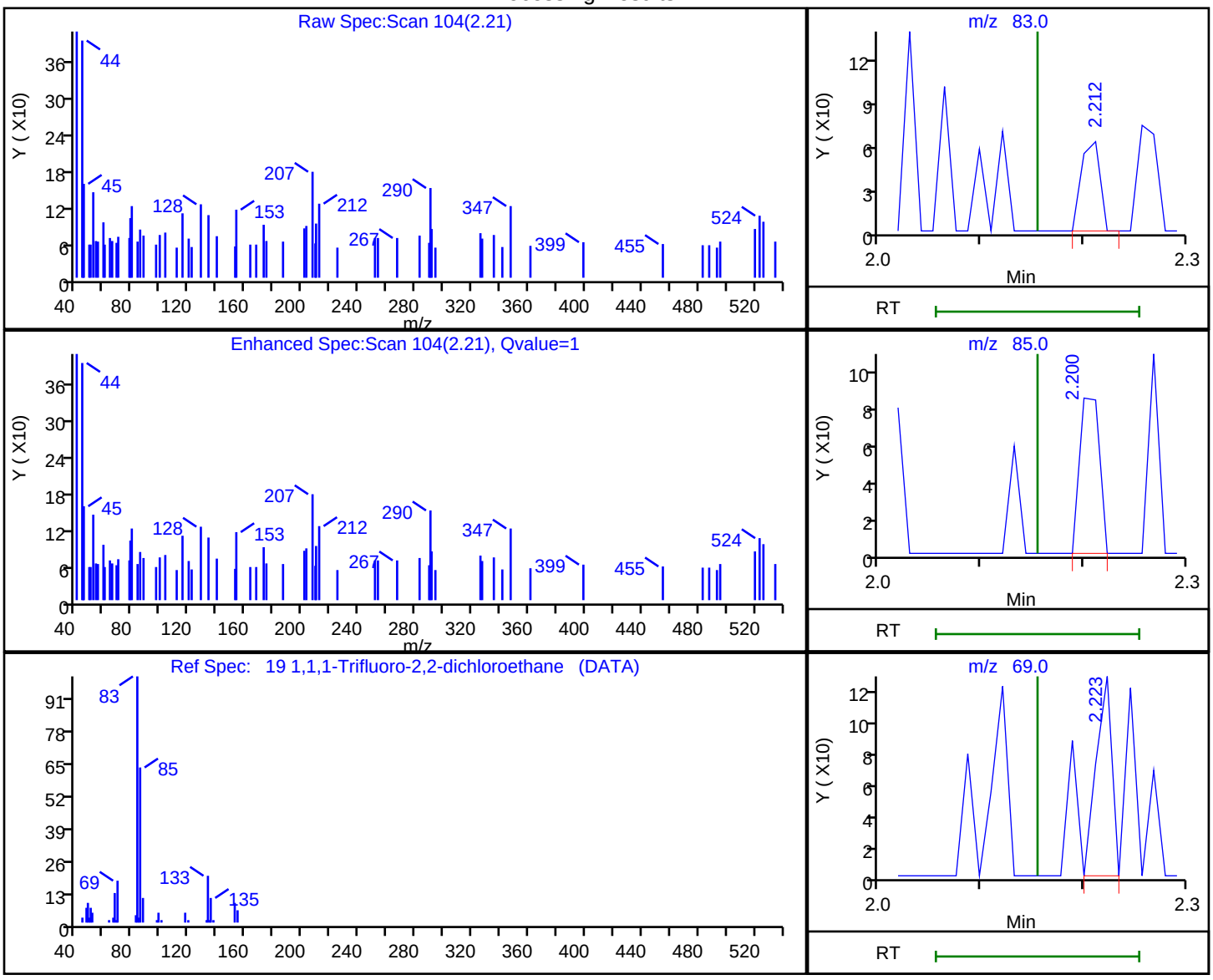
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

19 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.21	83.00	77	0.012178
2.20	85.00	110	
2.22	69.00	130	
2.22	67.00	37	

Reviewer: NN6A, 01-Jul-2022 12:42:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

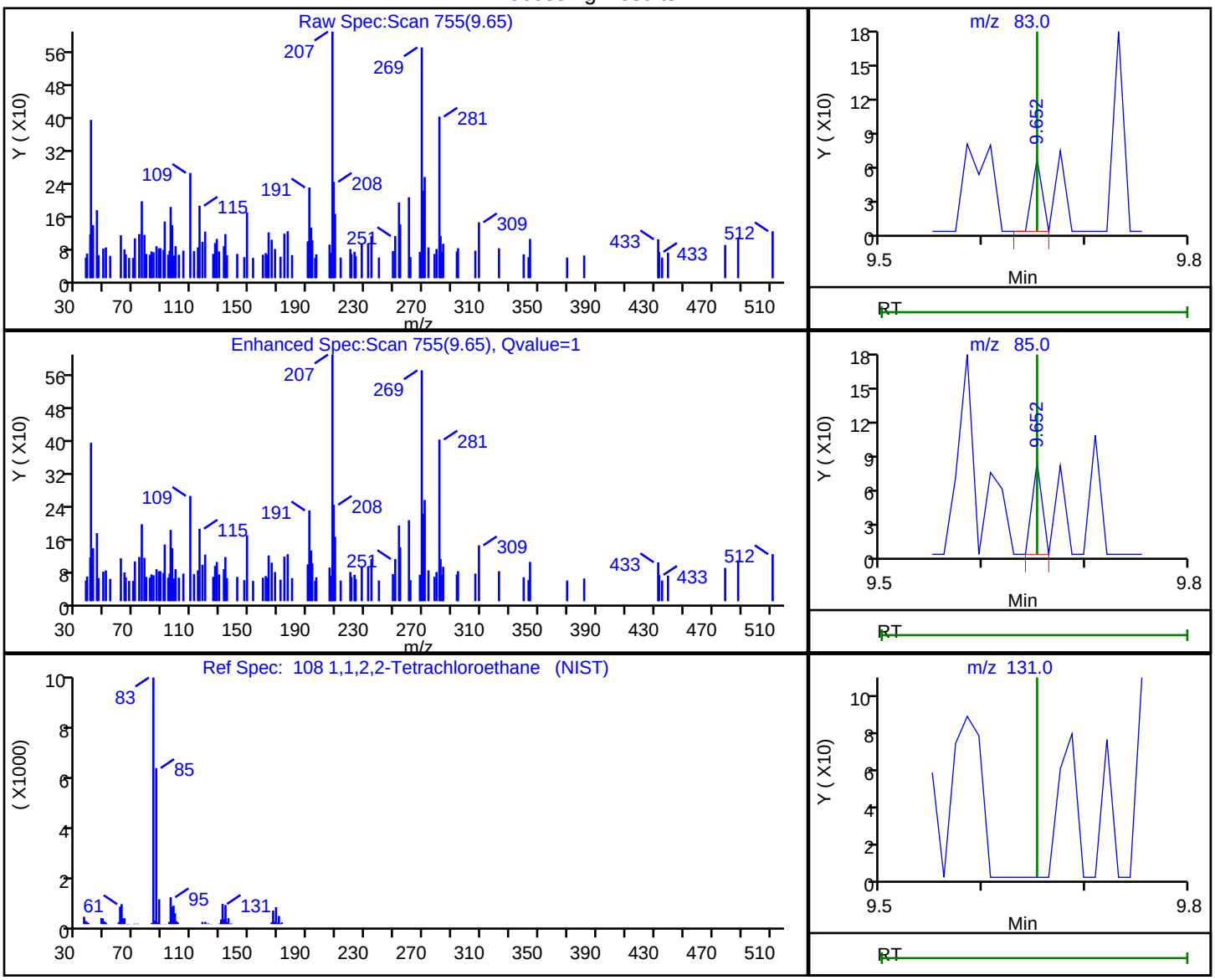
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.65	83.00	44	0.007596
9.65	85.00	54	
9.65	131.00	0	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

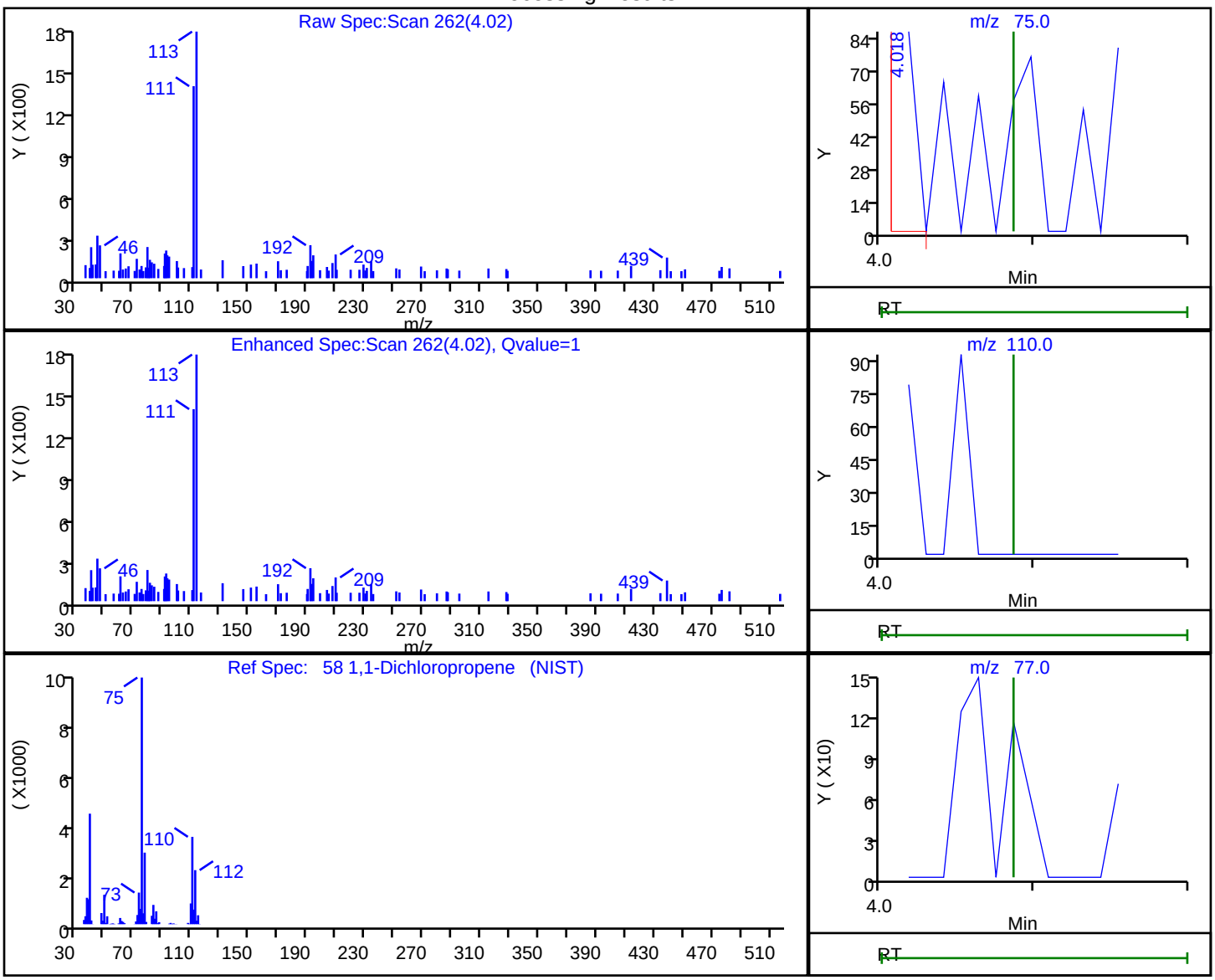
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.02	75.00	60	0.009226
4.01	110.00	259	
4.01	77.00	44	

Reviewer: NN6A, 01-Jul-2022 12:42:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

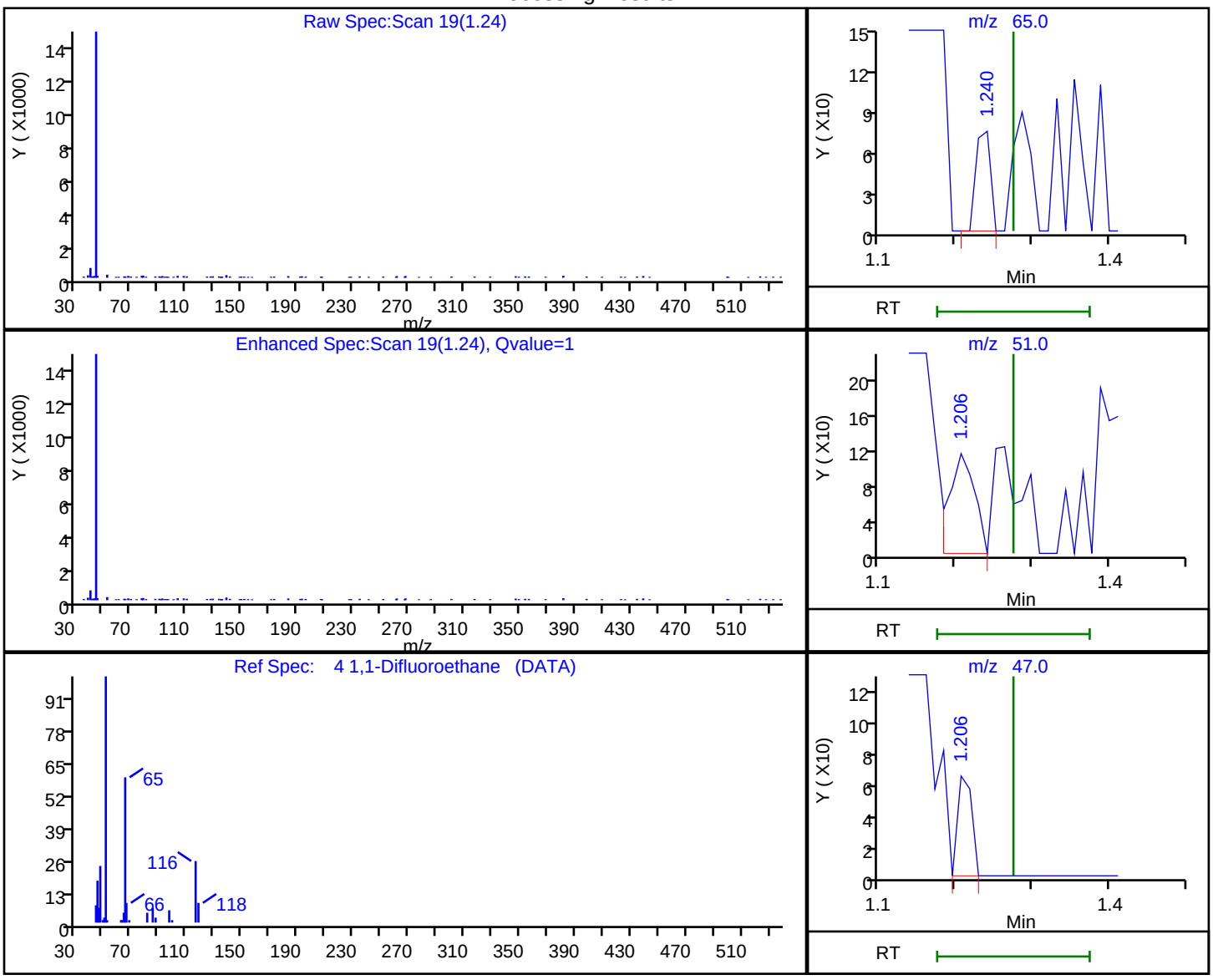
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.24	65.00	97	0.046611
1.21	51.00	267	
1.21	47.00	80	

Reviewer: NN6A, 01-Jul-2022 12:42:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

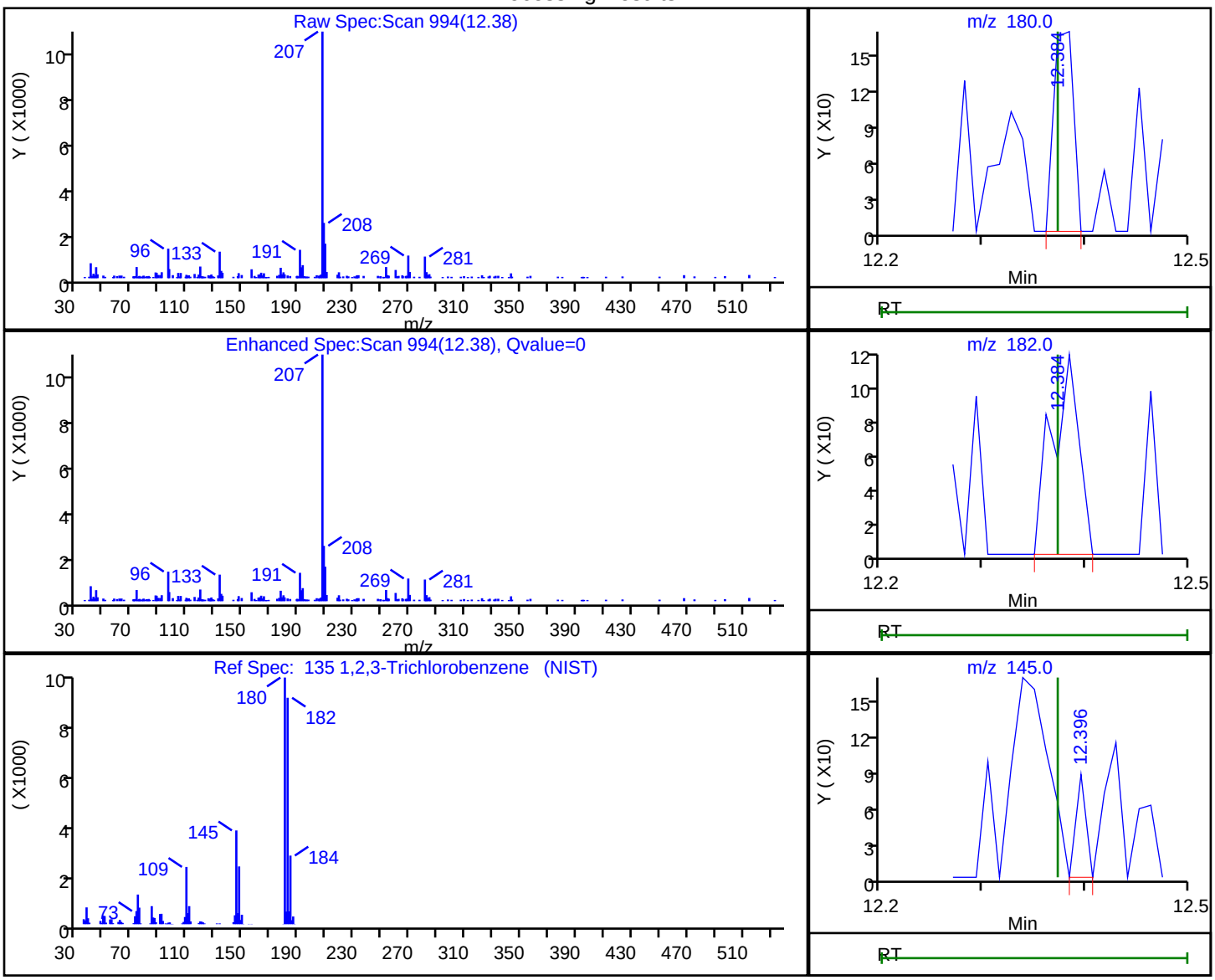
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.38	180.00	226	0.045625
12.38	182.00	219	
12.40	145.00	60	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

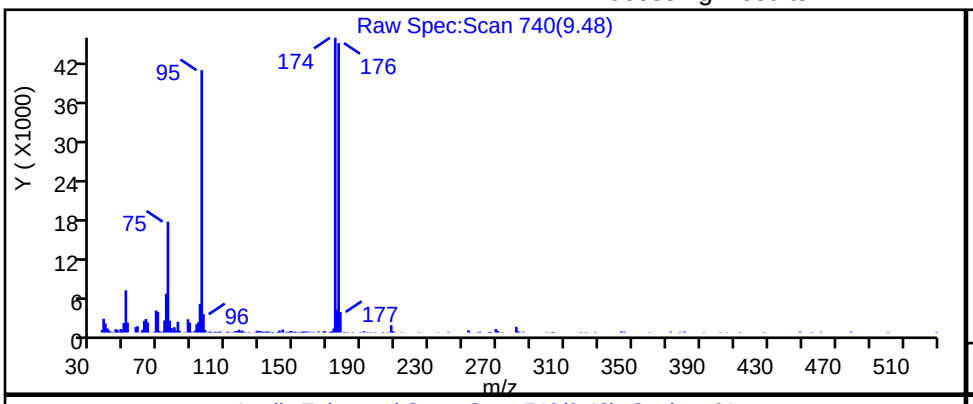
User Disabled Compound Report

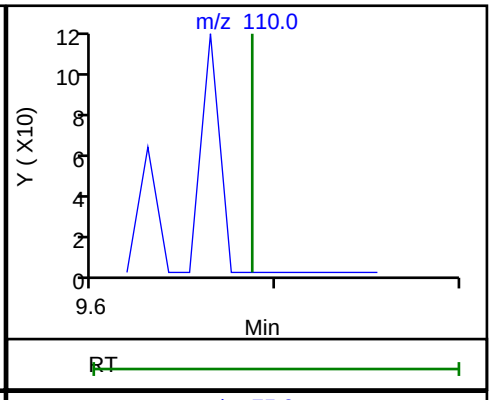
Eurofins Edison

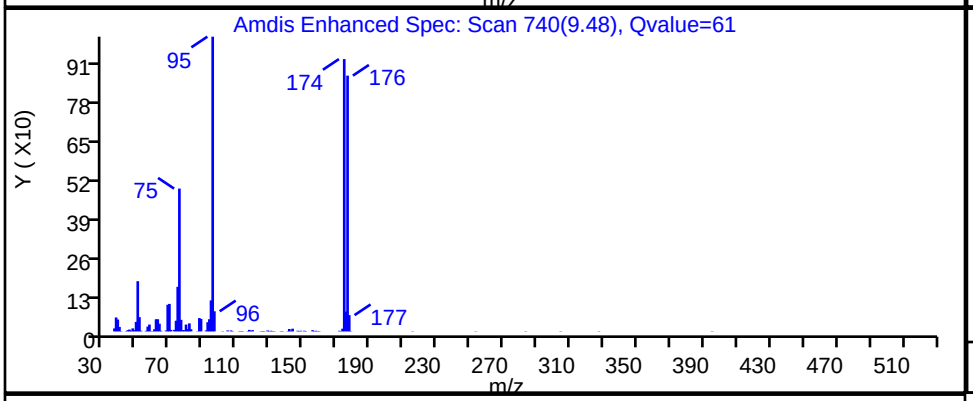
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

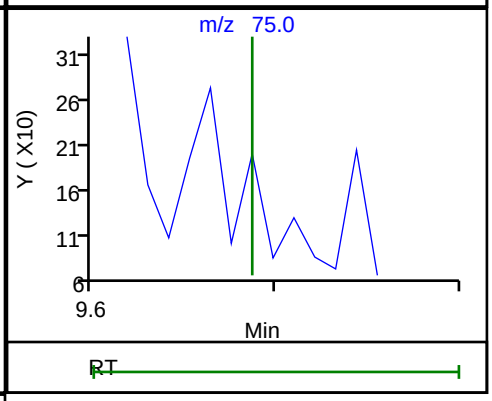
115 1,2,3-Trichloropropane, CAS: 96-18-4

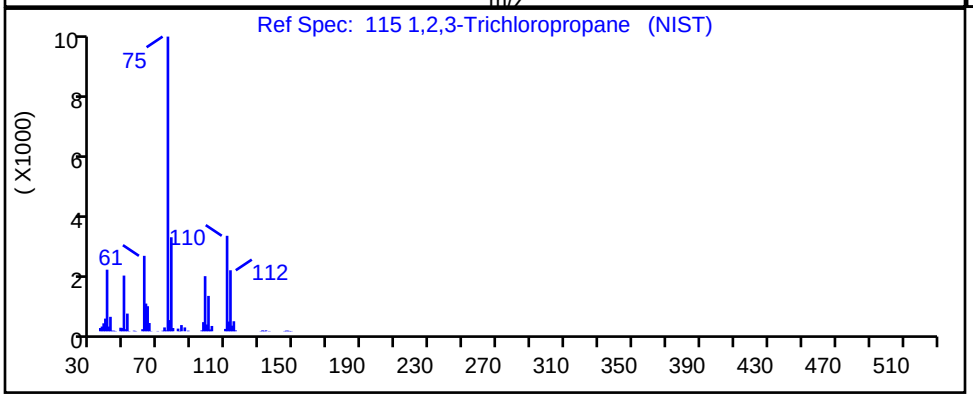
Processing Results











RT	Mass	Response	Amount
9.48	110.00	76	0.038330
9.47	75.00	86392	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

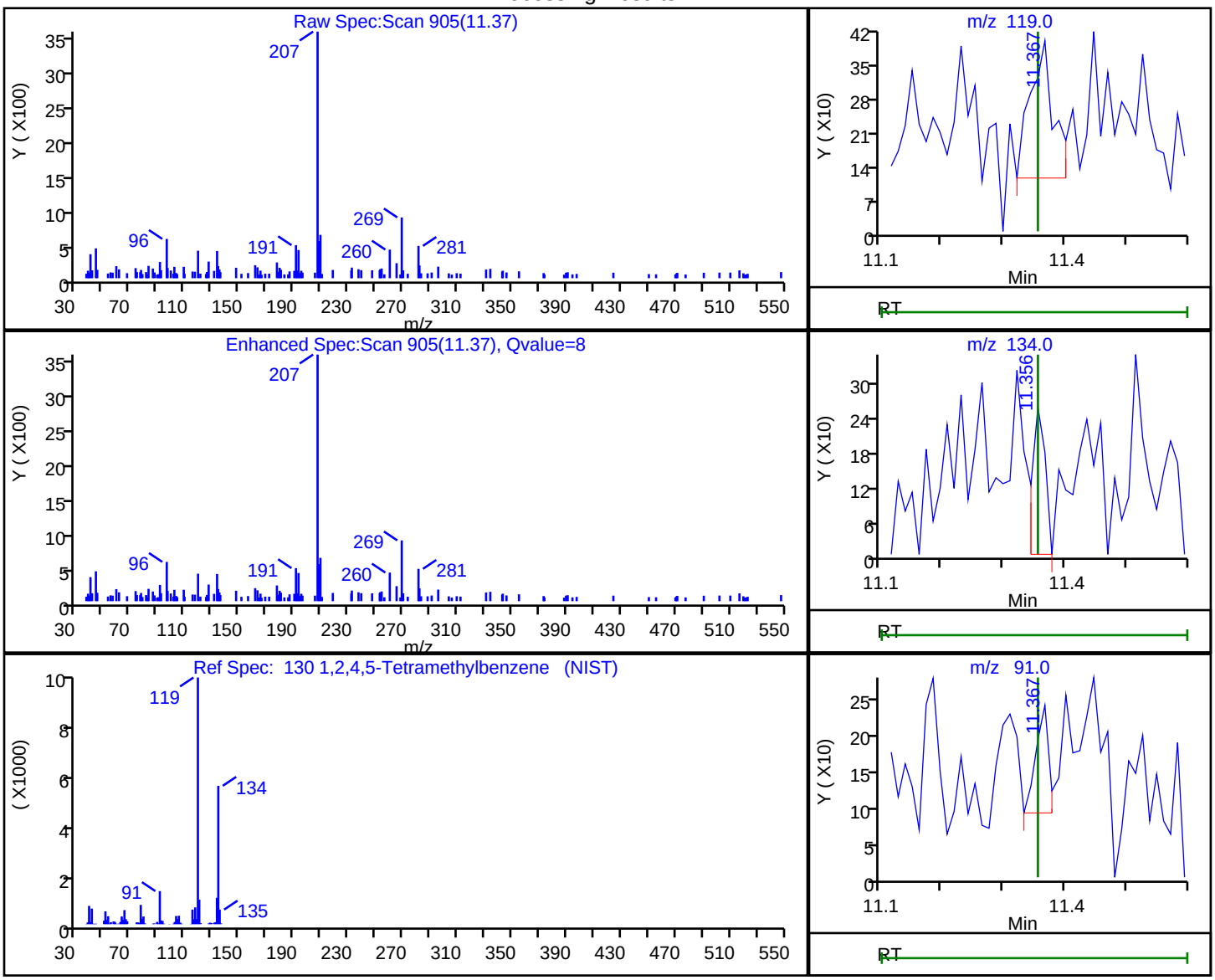
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.37	119.00	760	0.055412
11.36	134.00	374	
11.37	91.00	215	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

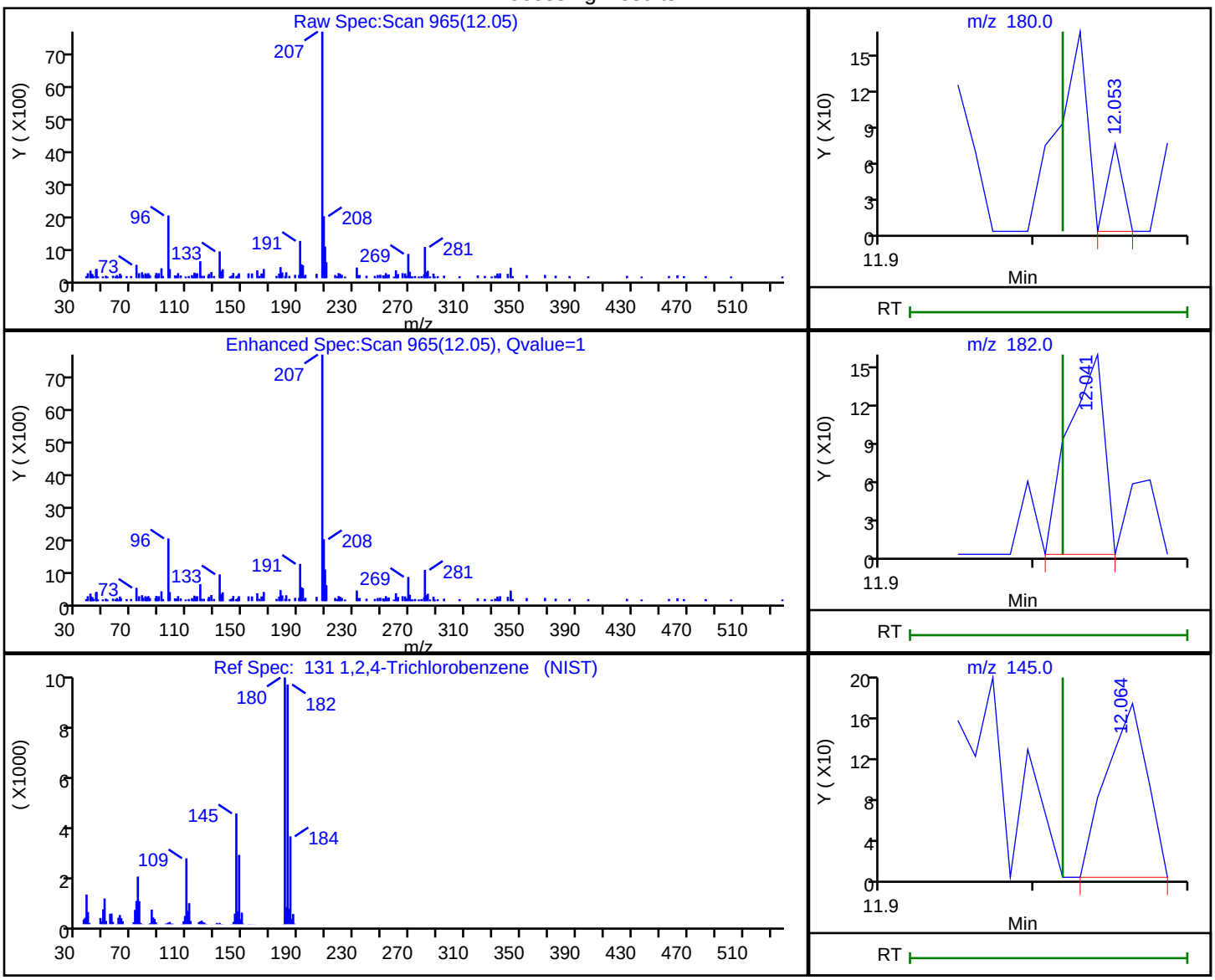
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

131 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.05	180.00	49	0.009356
12.04	182.00	245	
12.06	145.00	324	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

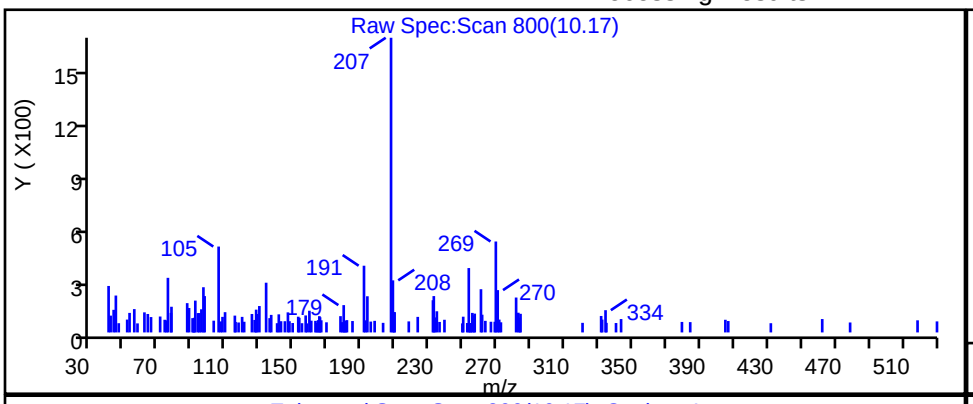
User Disabled Compound Report

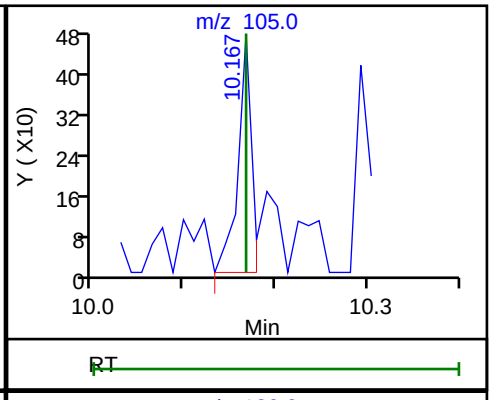
Eurofins Edison

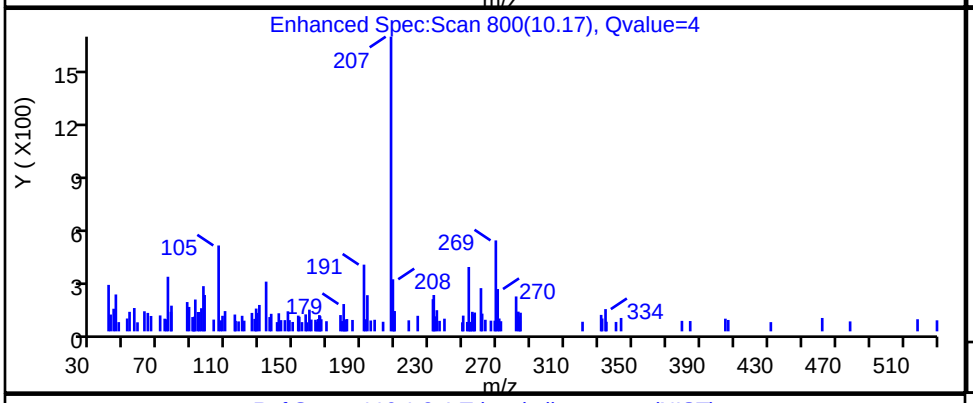
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

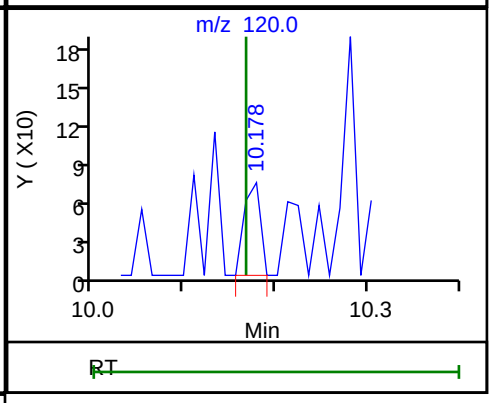
119 1,2,4-Trimethylbenzene, CAS: 95-63-6

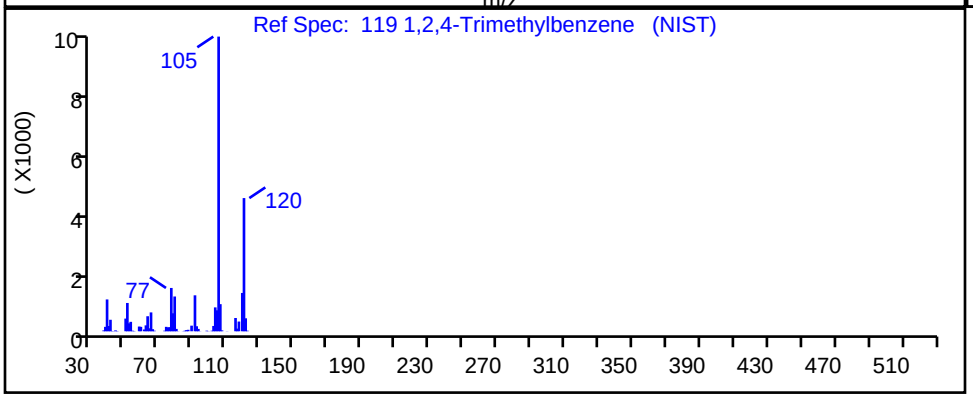
Processing Results











RT	Mass	Response	Amount
10.17	105.00	488	0.030006
10.18	120.00	91	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

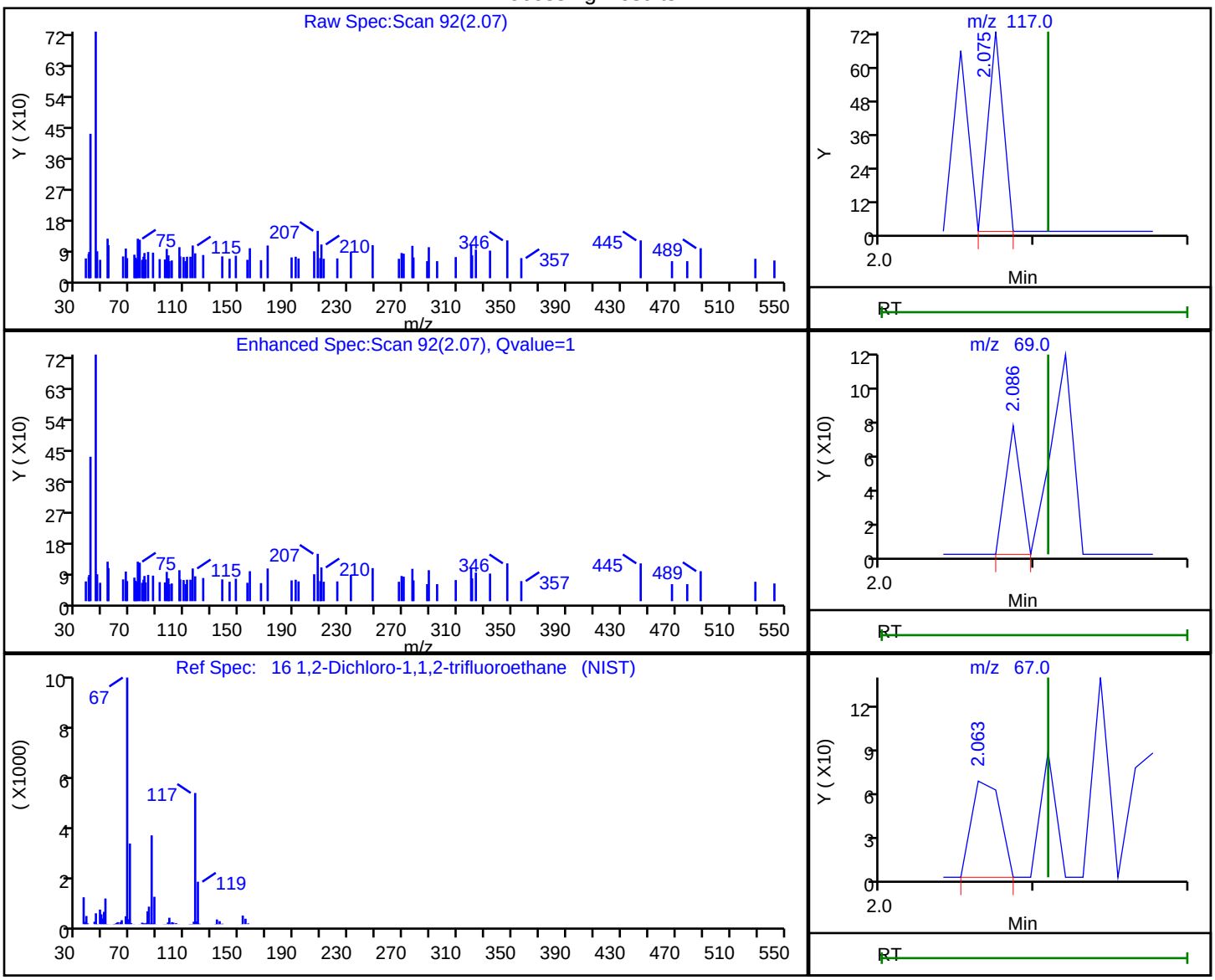
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.07	117.00	50	0.011924
2.09	69.00	51	
2.06	67.00	85	
2.09	119.00	38	

Reviewer: NN6A, 01-Jul-2022 12:42:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

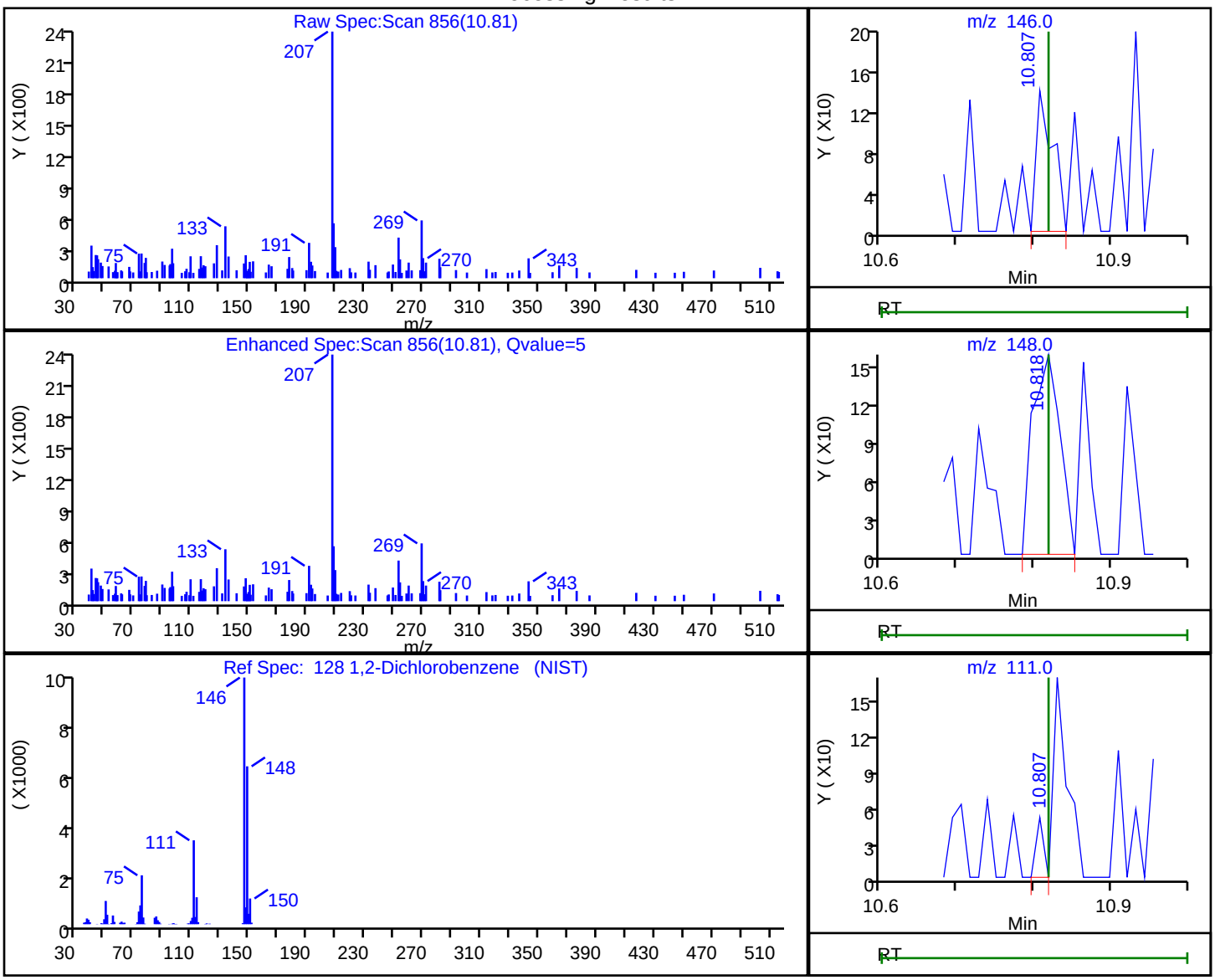
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.81	146.00	209	0.021280
10.82	148.00	390	
10.81	111.00	34	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

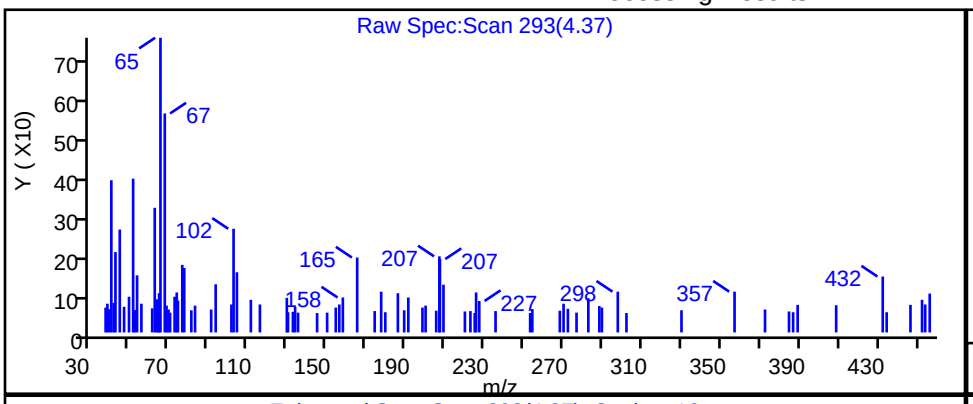
User Disabled Compound Report

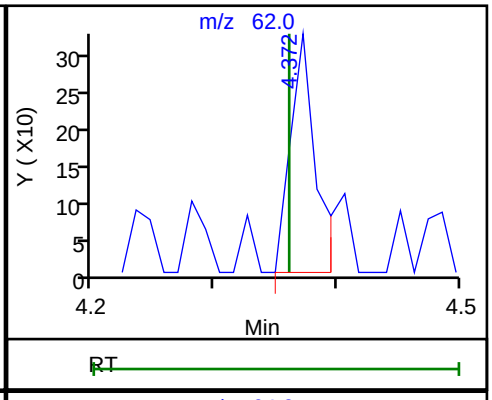
Eurofins Edison

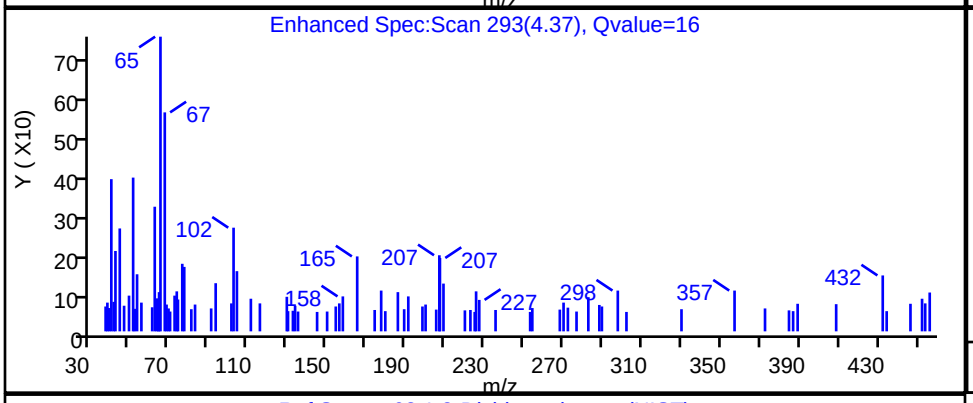
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

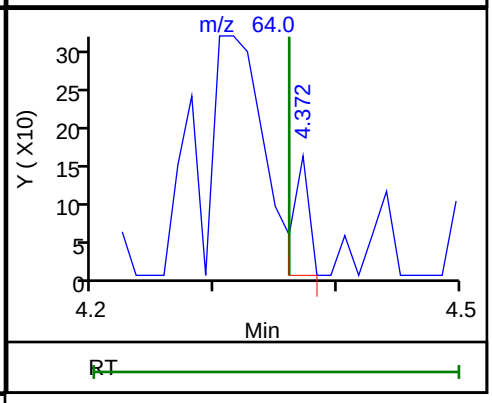
63 1,2-Dichloroethane, CAS: 107-06-2

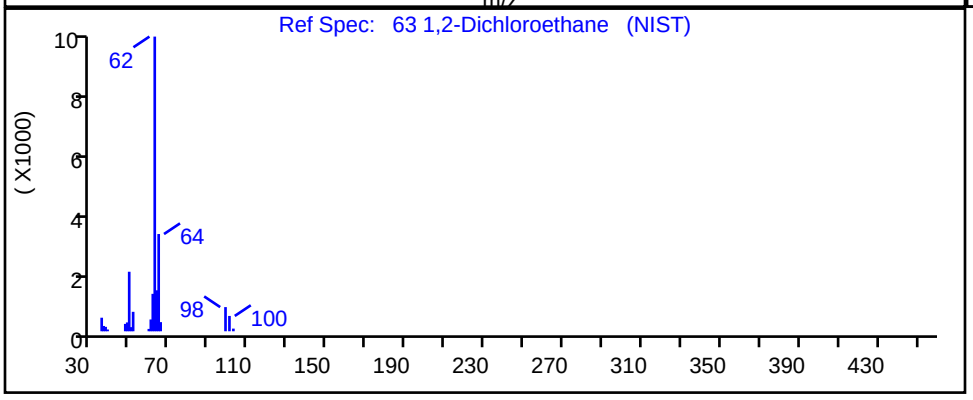
Processing Results











RT	Mass	Response	Amount
4.37	62.00	463	0.078469
4.37	64.00	146	

Reviewer: NN6A, 01-Jul-2022 12:42:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

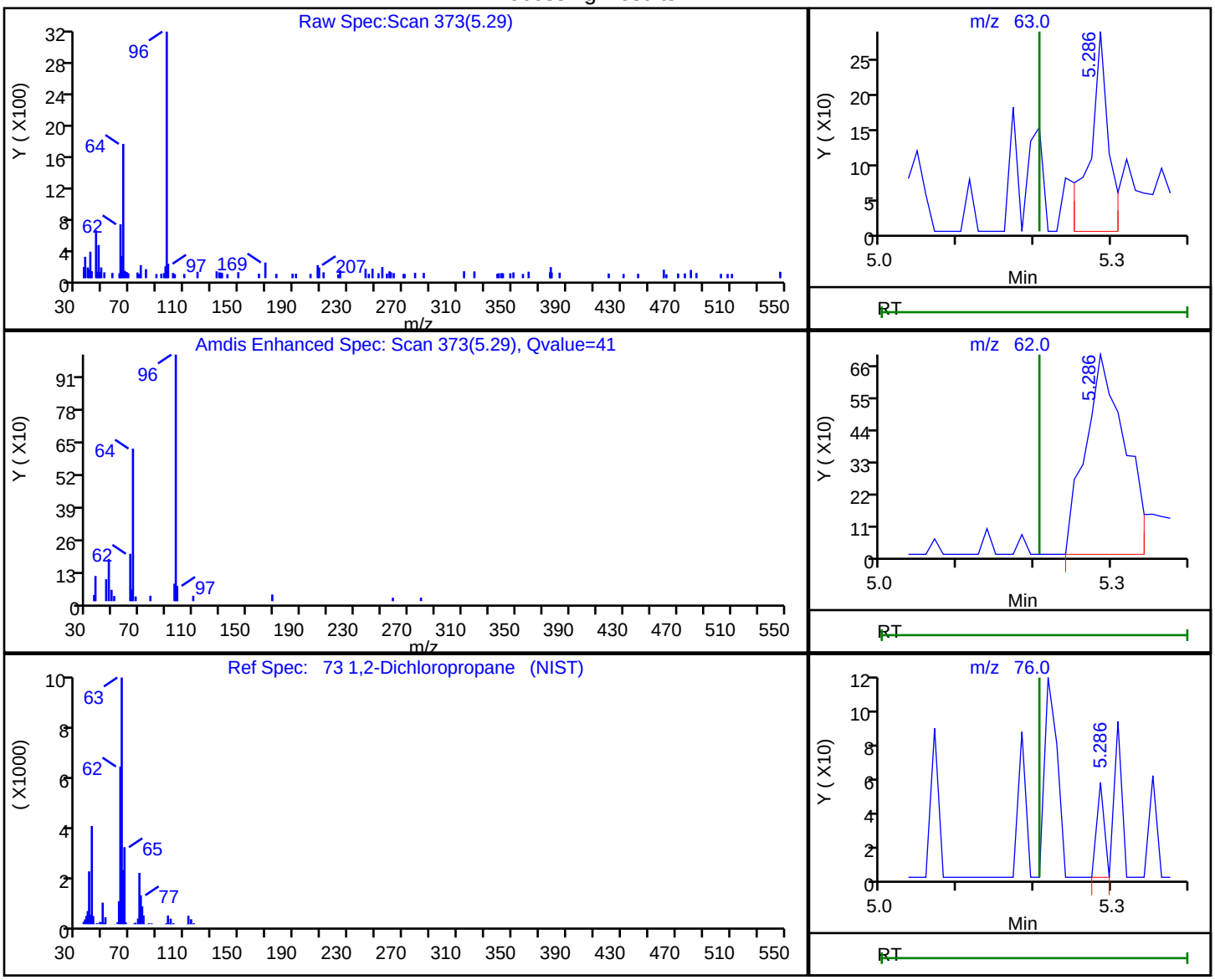
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.29	63.00	486	0.111874
5.29	62.00	2494	
5.29	76.00	37	
5.21	112.00	0	

Reviewer: NN6A, 01-Jul-2022 12:43:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

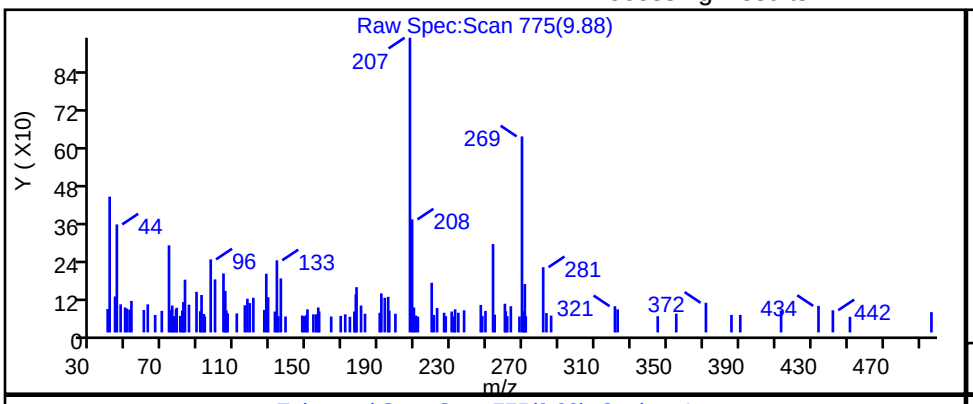
User Disabled Compound Report

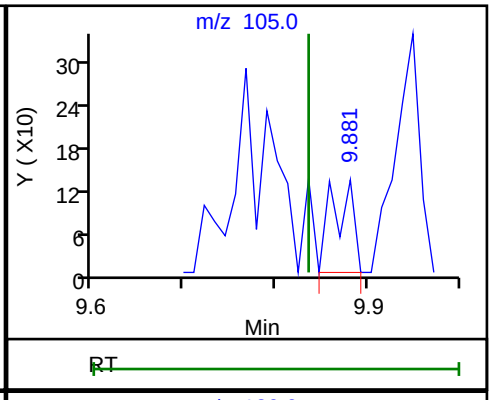
Eurofins Edison

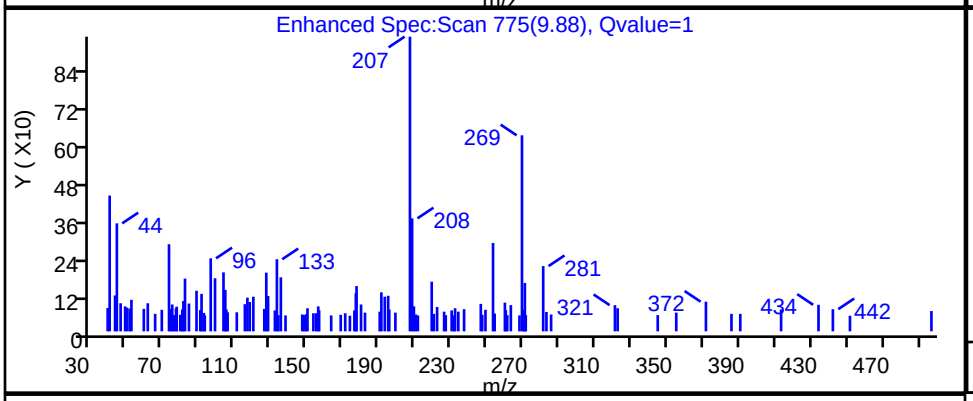
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

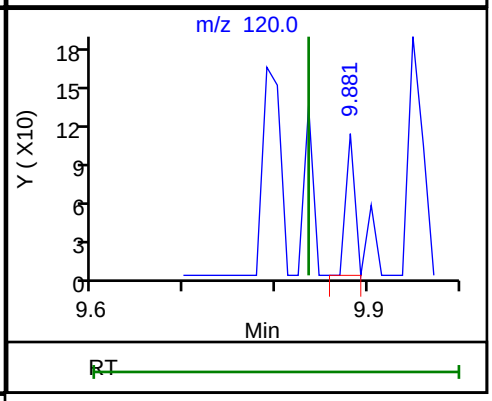
116 1,3,5-Trimethylbenzene, CAS: 108-67-8

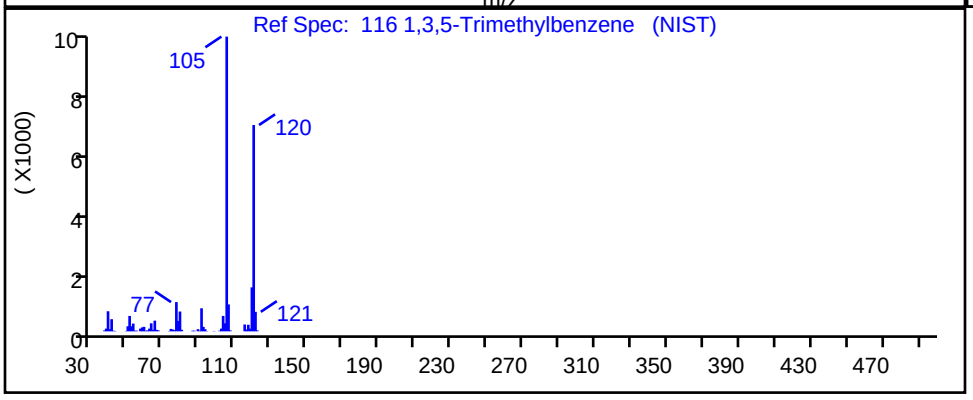
Processing Results











RT	Mass	Response	Amount
9.88	105.00	213	0.012936
9.88	120.00	76	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

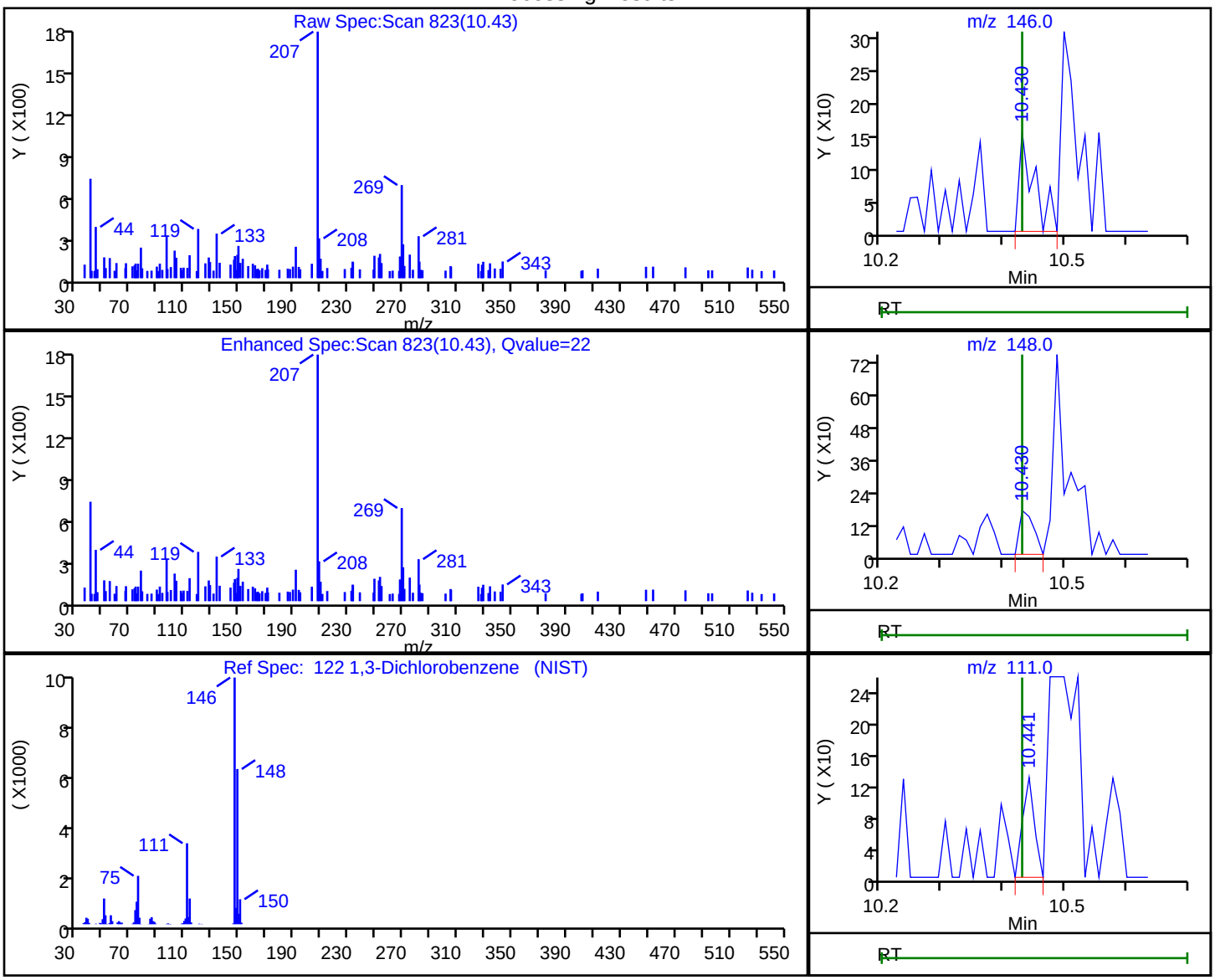
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

122 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.43	146.00	265	0.026068
10.43	148.00	261	
10.44	111.00	174	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

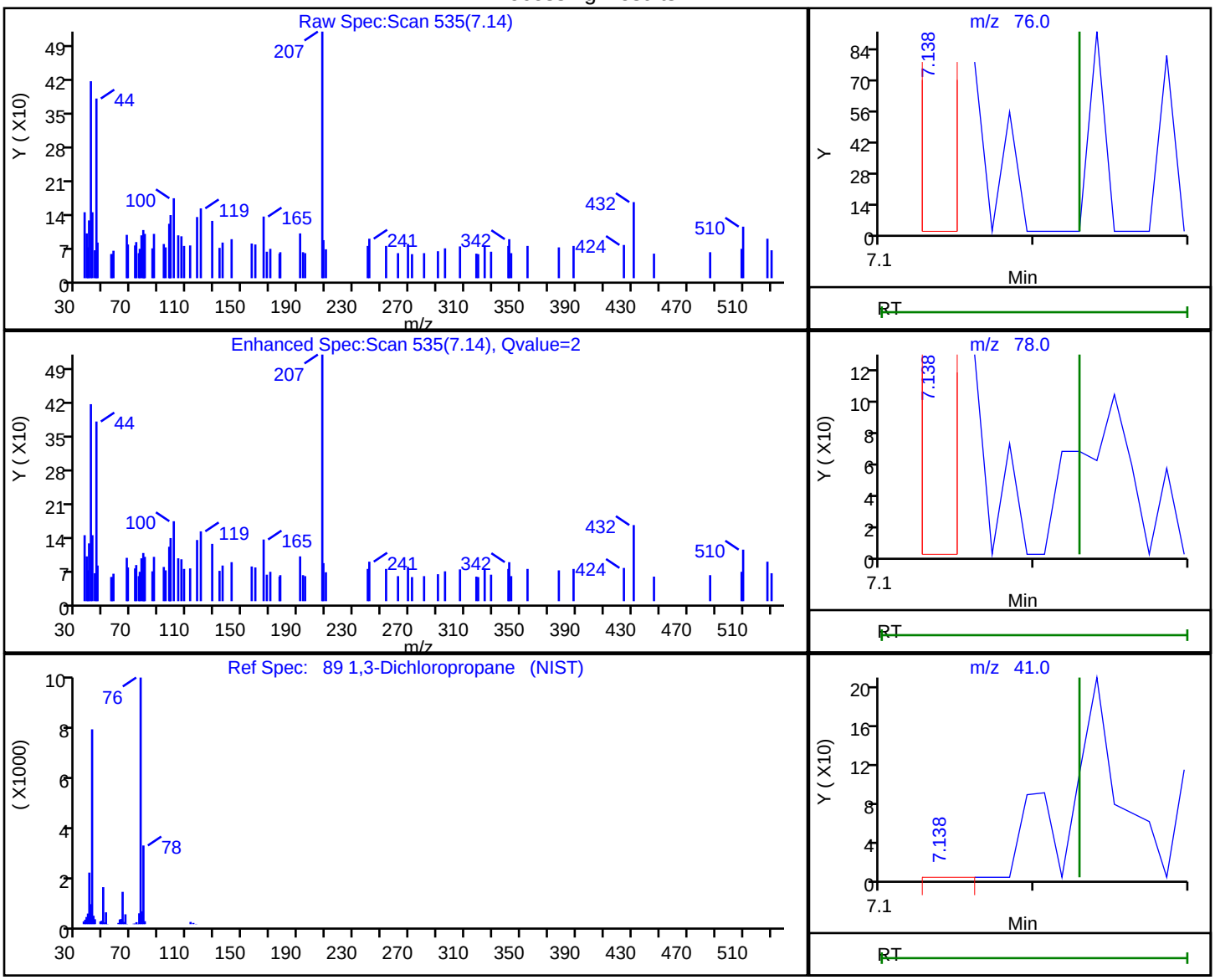
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D				
Injection Date:	01-Jul-2022 01:33:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.14	76.00	61	0.008650
7.14	78.00	115	
7.14	41.00	162	

Reviewer: NN6A, 01-Jul-2022 12:43:10

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

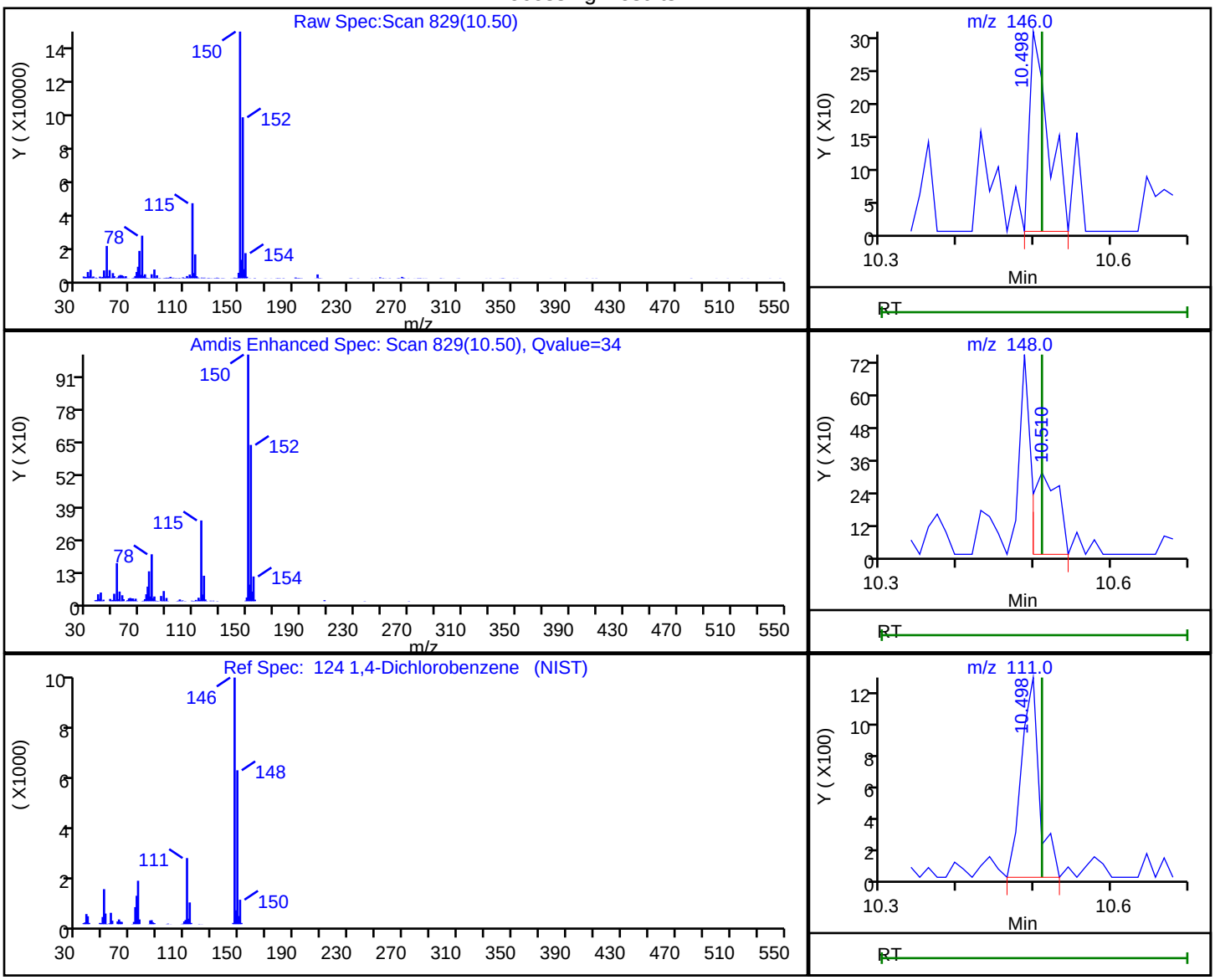
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.50	146.00	532	0.050277
10.51	148.00	699	
10.50	111.00	2033	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

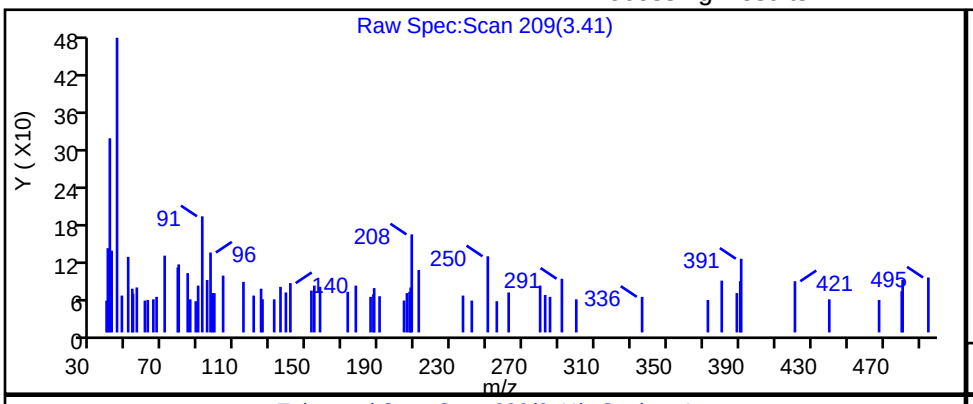
User Disabled Compound Report

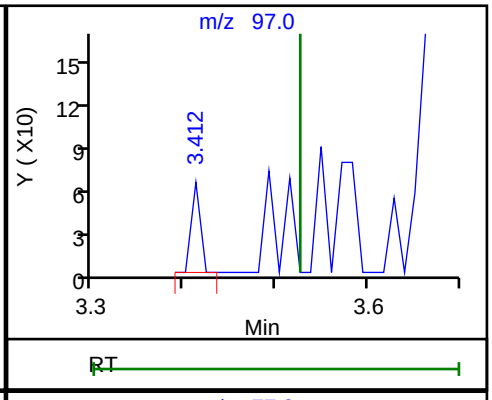
Eurofins Edison

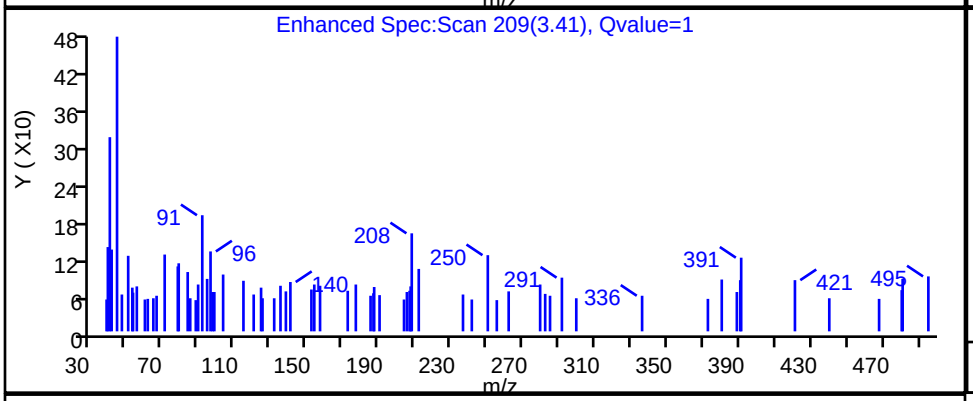
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

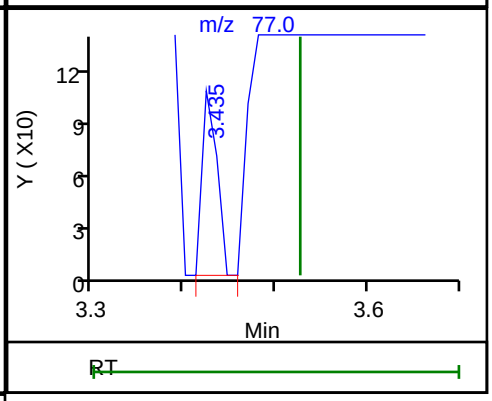
43 2,2-Dichloropropane, CAS: 594-20-7

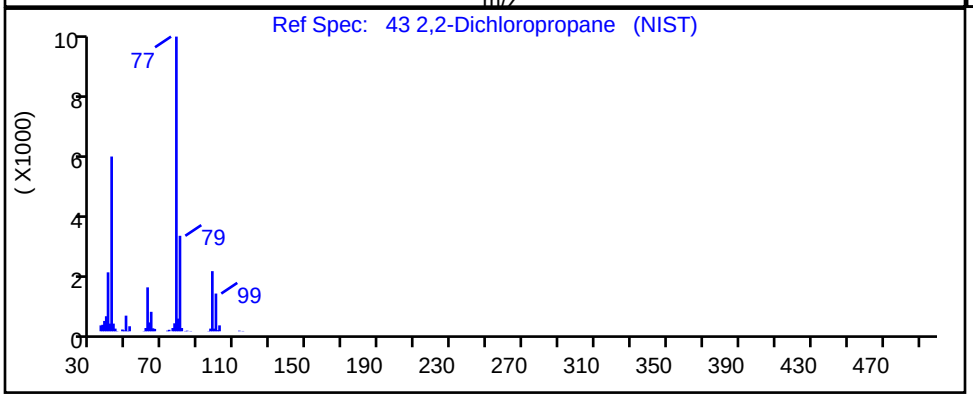
Processing Results











RT	Mass	Response	Amount
3.41	97.00	43	0.022994
3.43	77.00	115	

Reviewer: NN6A, 01-Jul-2022 12:42:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

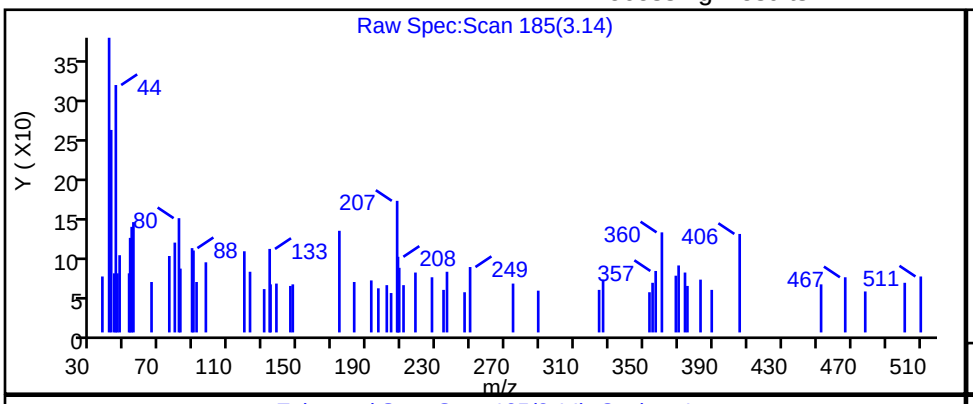
User Disabled Compound Report

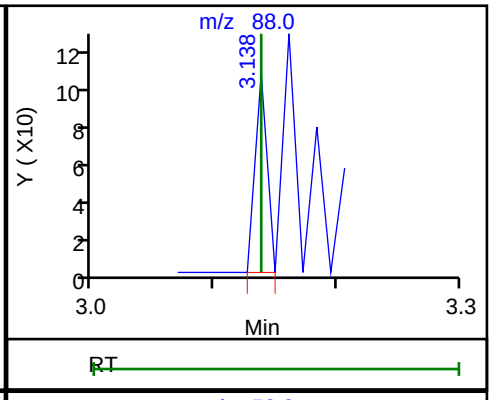
Eurofins Edison

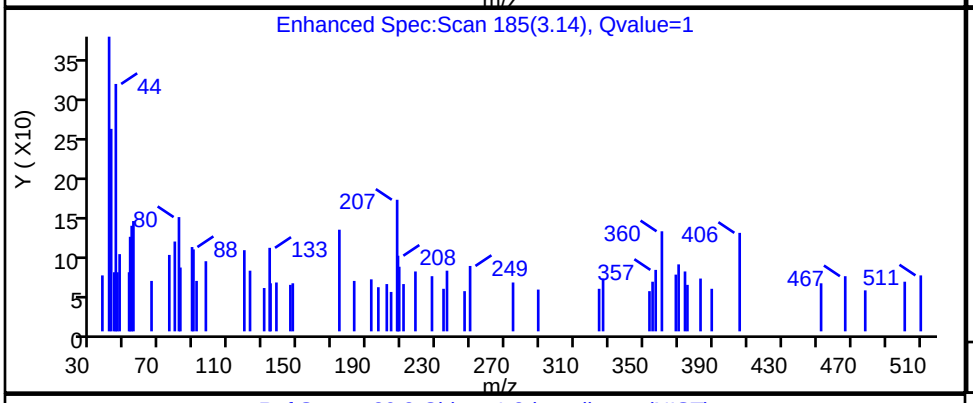
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

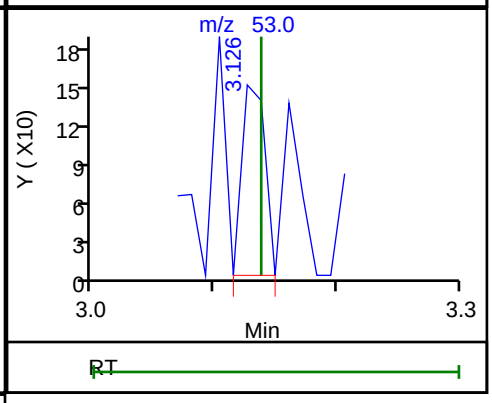
39 2-Chloro-1,3-butadiene, CAS: 126-99-8

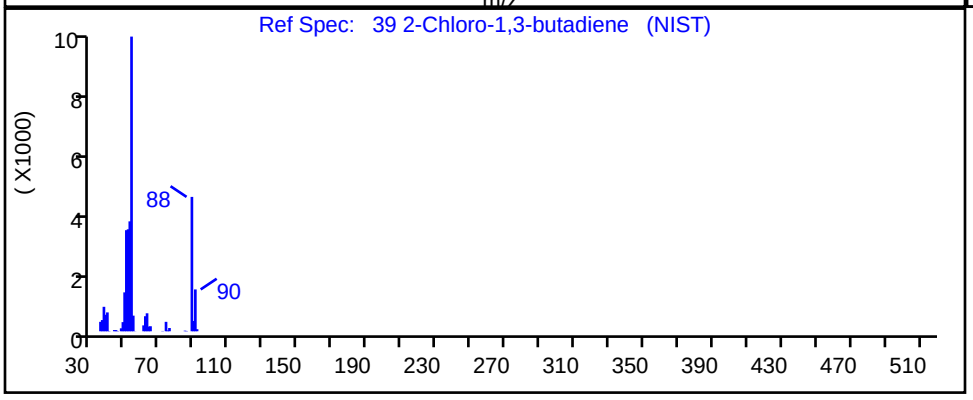
Processing Results











RT	Mass	Response	Amount
3.14	88.00	73	0.015648
3.13	53.00	192	

Reviewer: NN6A, 01-Jul-2022 12:42:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

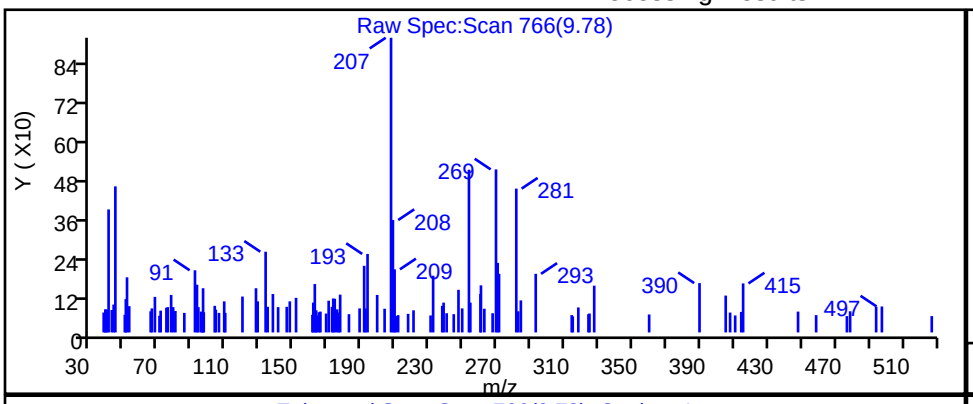
User Disabled Compound Report

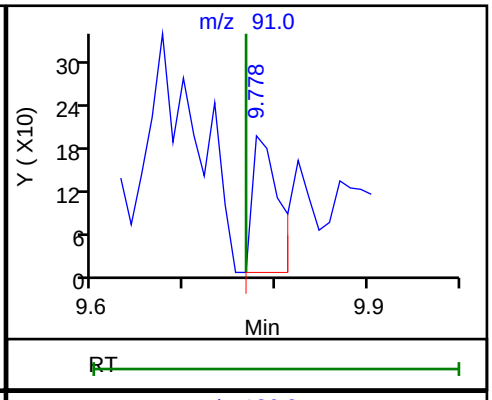
Eurofins Edison

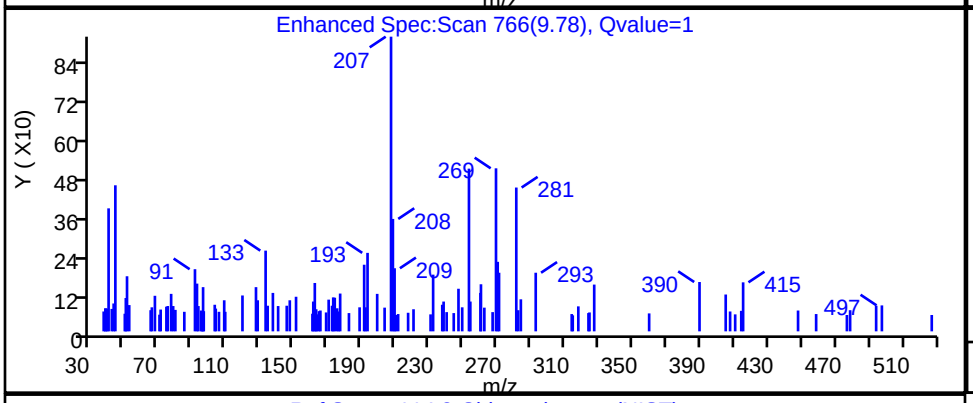
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

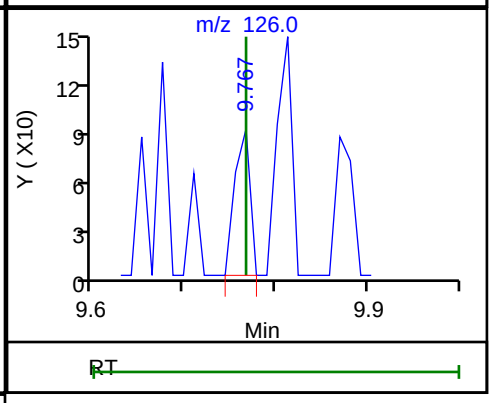
114 2-Chlorotoluene, CAS: 95-49-8

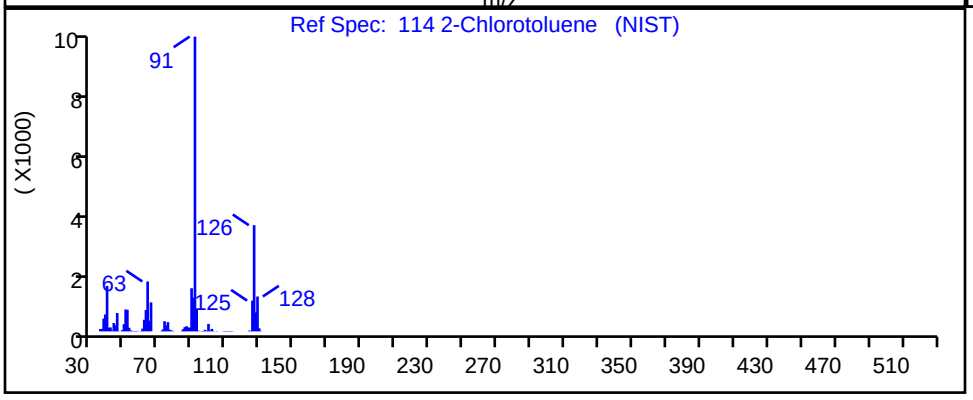
Processing Results











RT	Mass	Response	Amount
9.78	91.00	383	0.024863
9.77	126.00	108	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

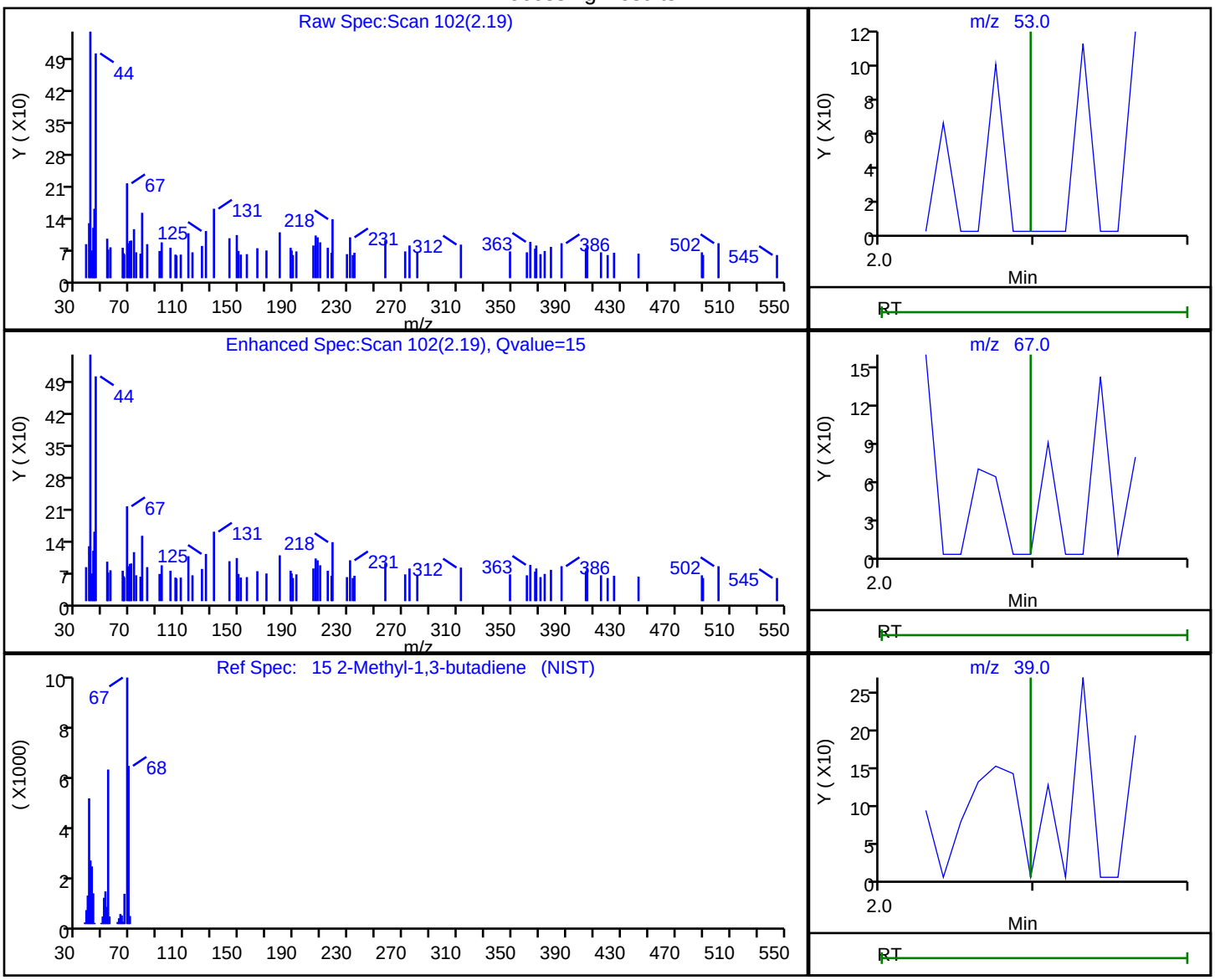
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.19	53.00	43	0.010063
2.19	67.00	252	
2.19	39.00	202	

Reviewer: NN6A, 01-Jul-2022 12:42:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

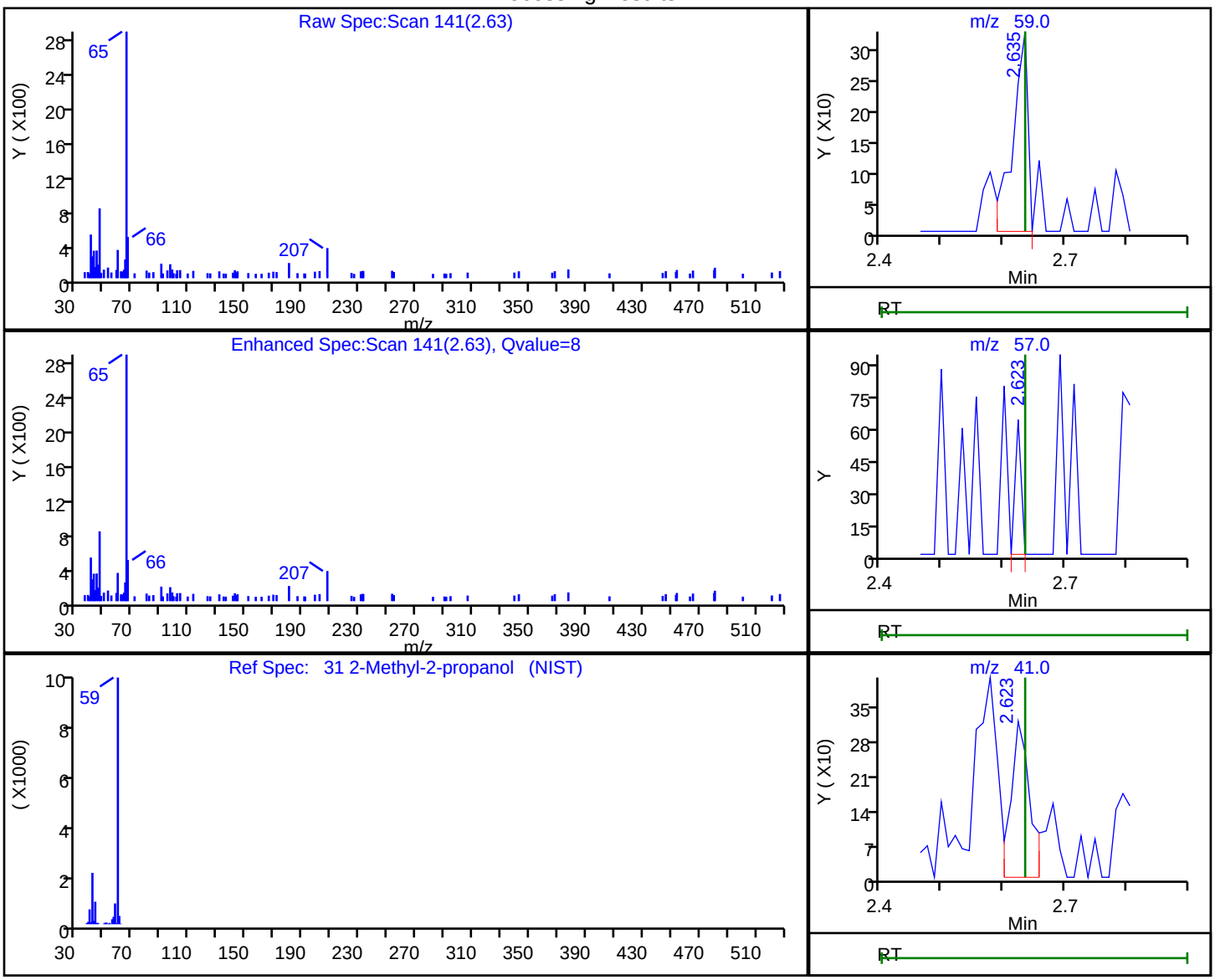
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.63	59.00	558	1.793950
2.62	57.00	44	
2.62	41.00	686	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

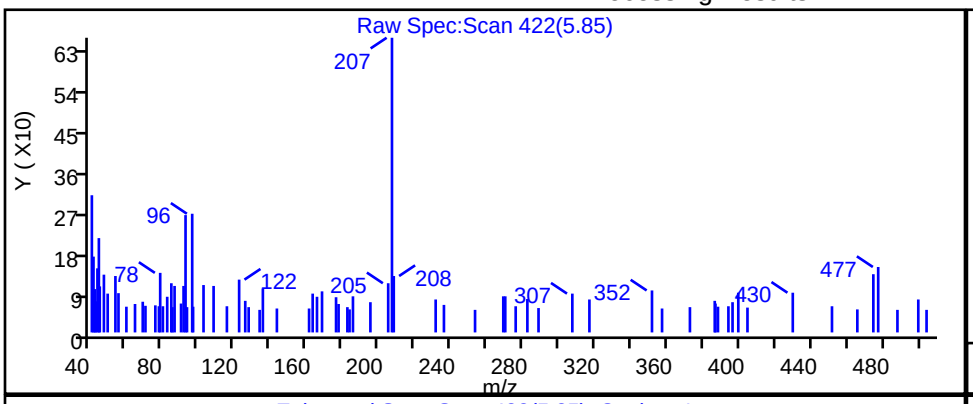
User Disabled Compound Report

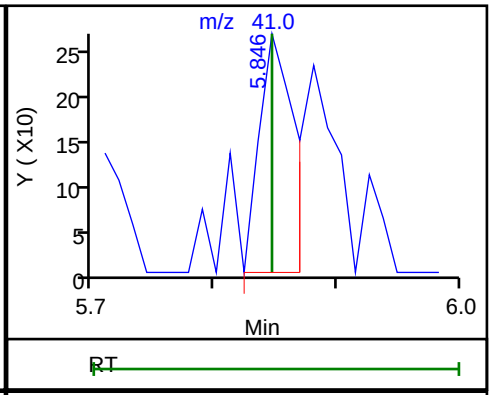
Eurofins Edison

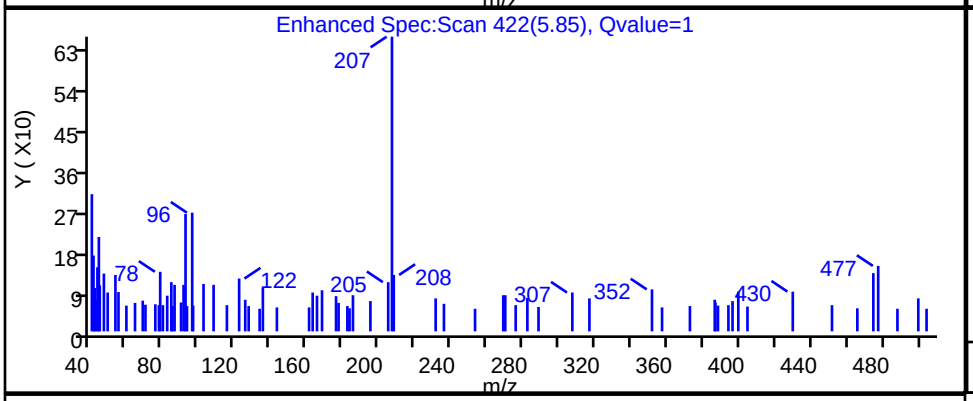
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

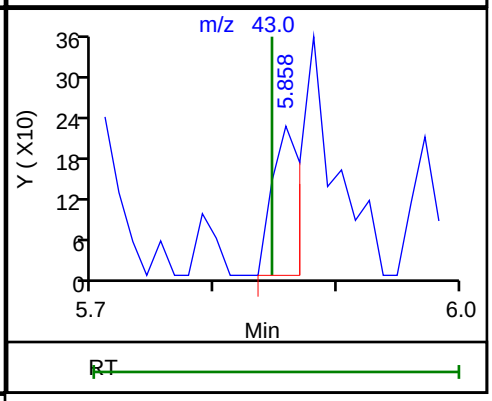
34 2-Nitropropane, CAS: 79-46-9

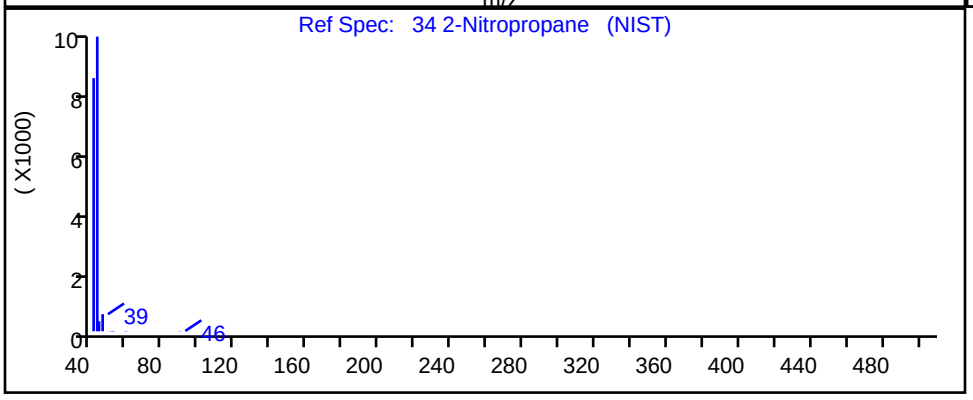
Processing Results











RT	Mass	Response	Amount
5.85	41.00	522	0.324325
5.86	43.00	368	

Reviewer: NN6A, 01-Jul-2022 12:43:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

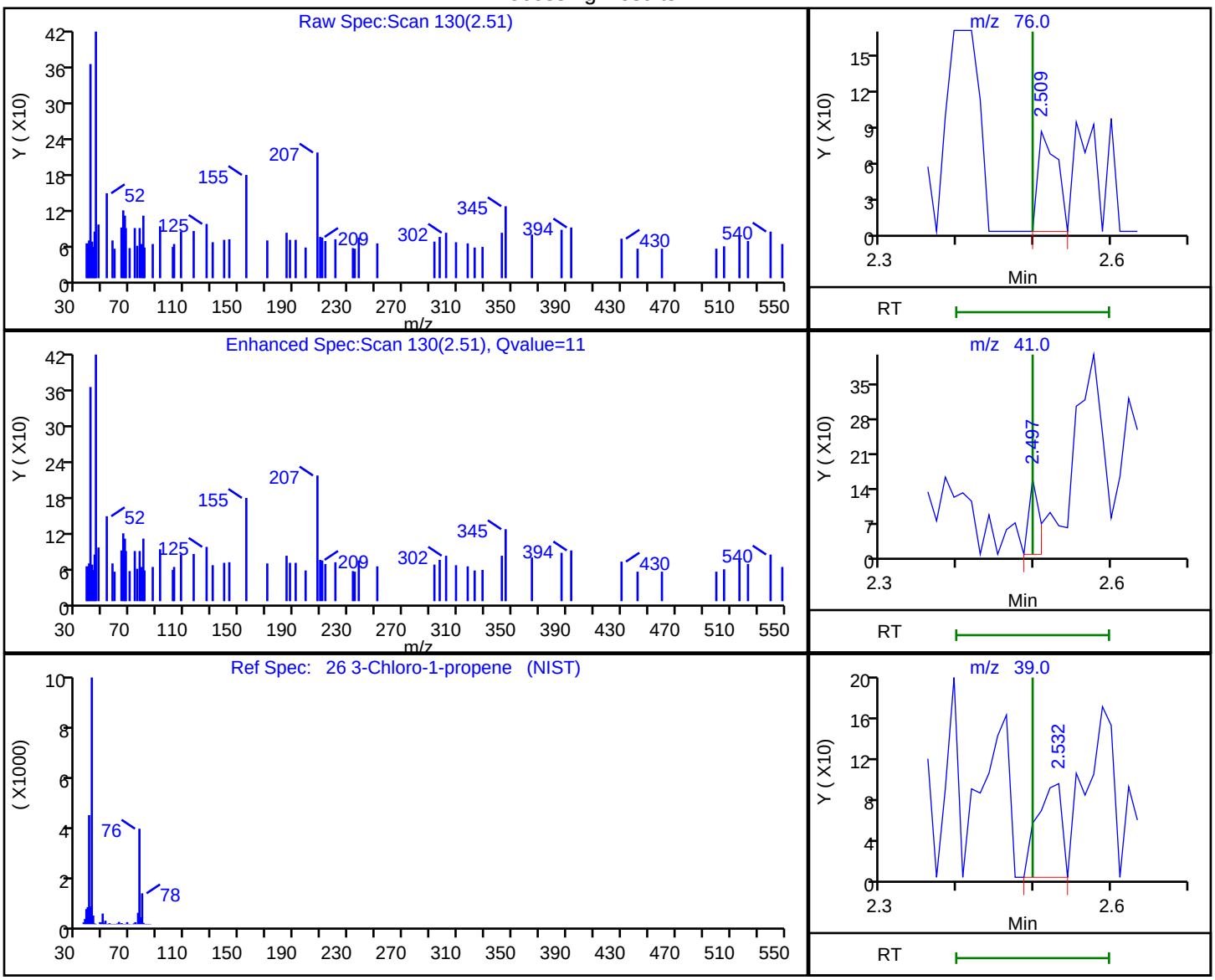
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.51	76.00	145	0.044056
2.50	41.00	147	
2.53	39.00	200	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

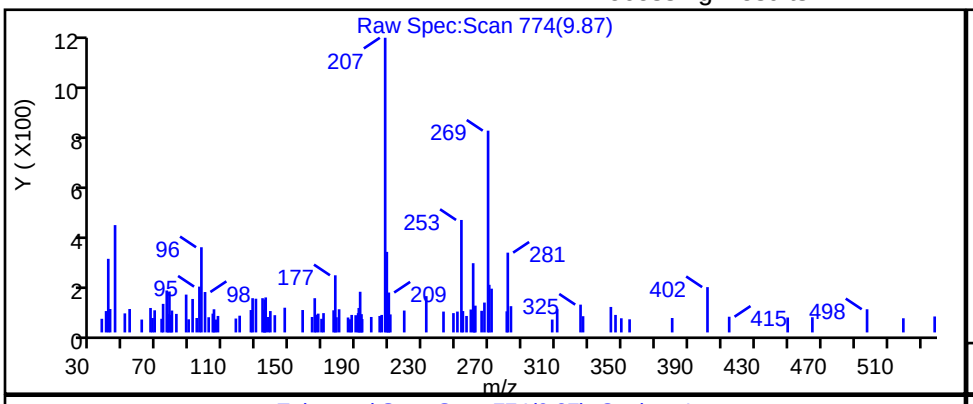
User Disabled Compound Report

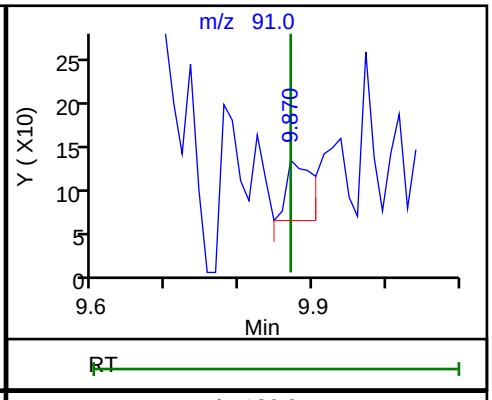
Eurofins Edison

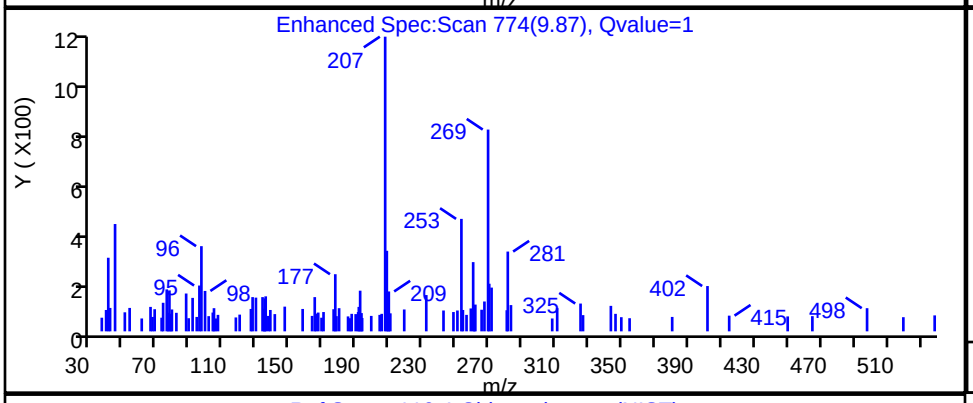
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

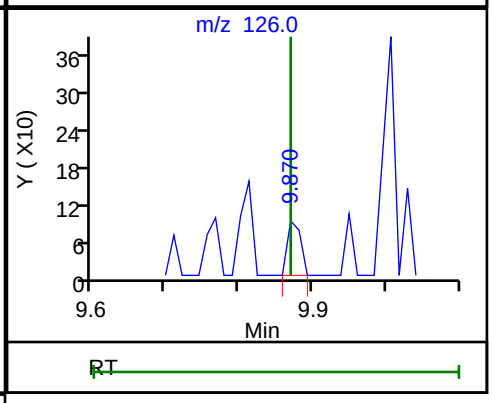
110 4-Chlorotoluene, CAS: 106-43-4

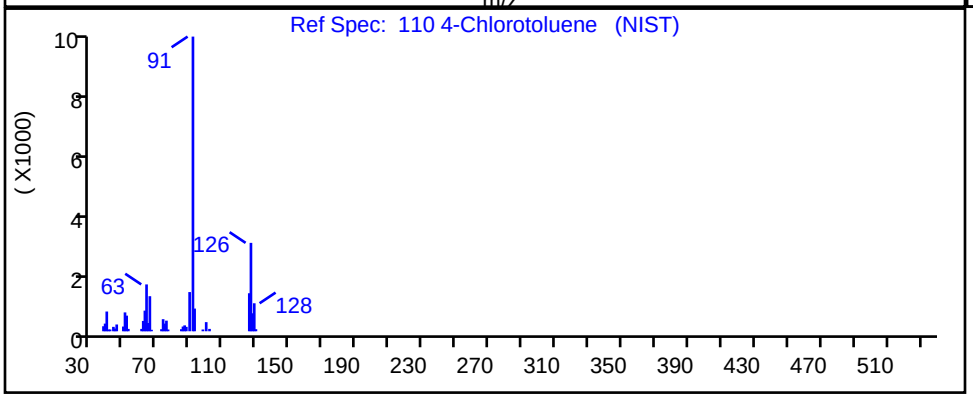
Processing Results











RT	Mass	Response	Amount
9.87	91.00	171	0.011817
9.87	126.00	109	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

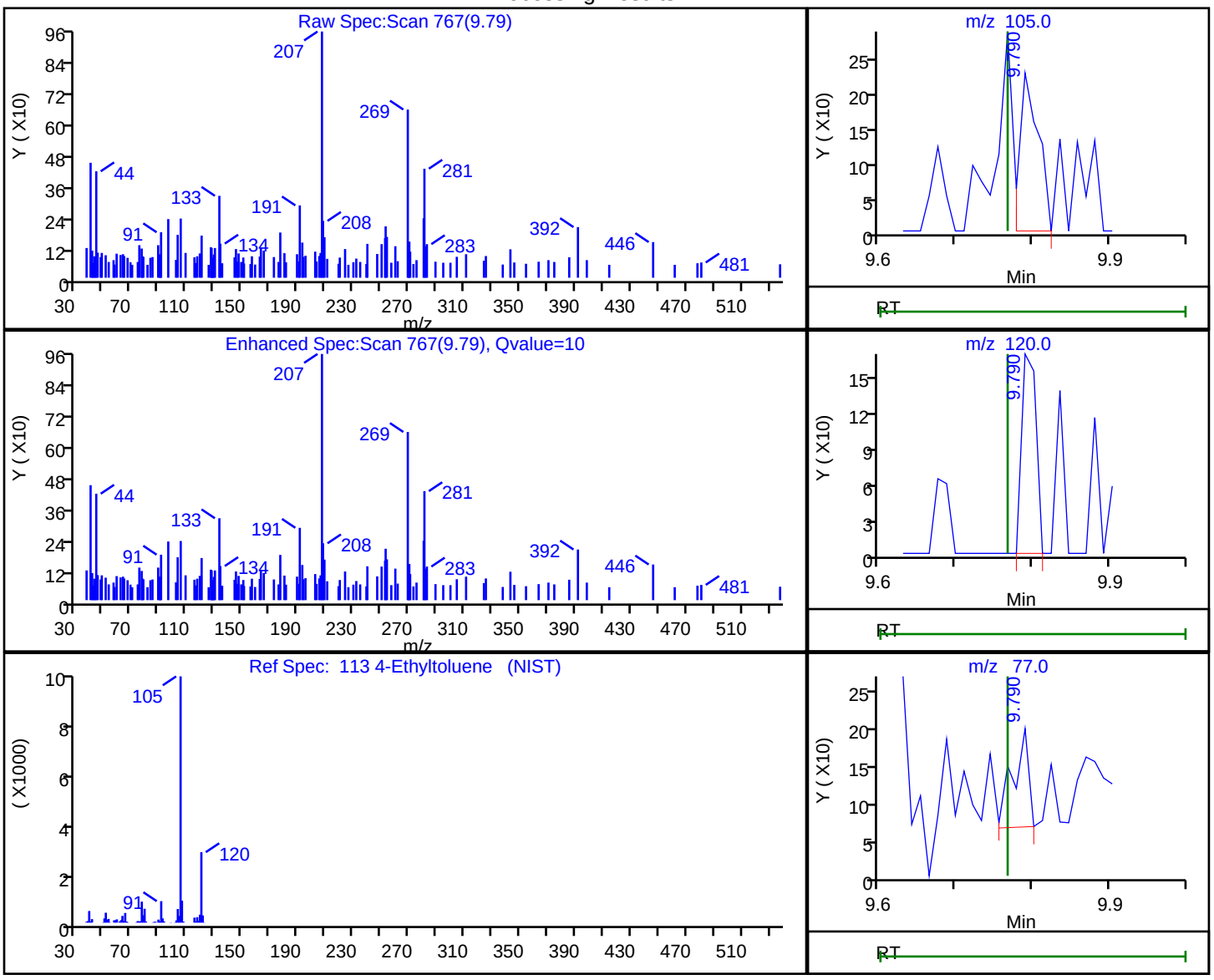
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

113 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.79	105.00	394	0.018897
9.79	120.00	214	
9.79	77.00	187	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

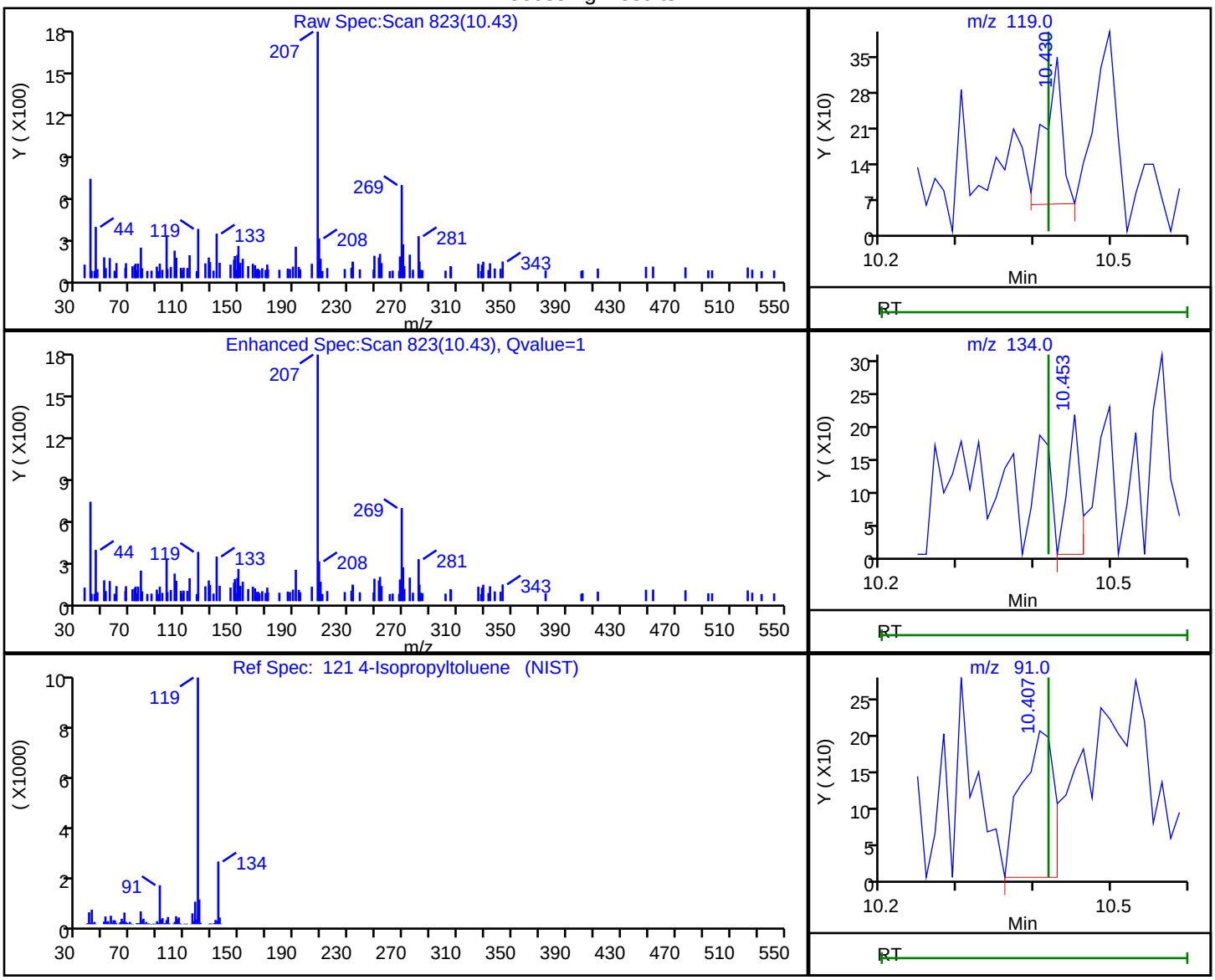
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.43	119.00	464	0.026438
10.45	134.00	244	
10.41	91.00	609	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

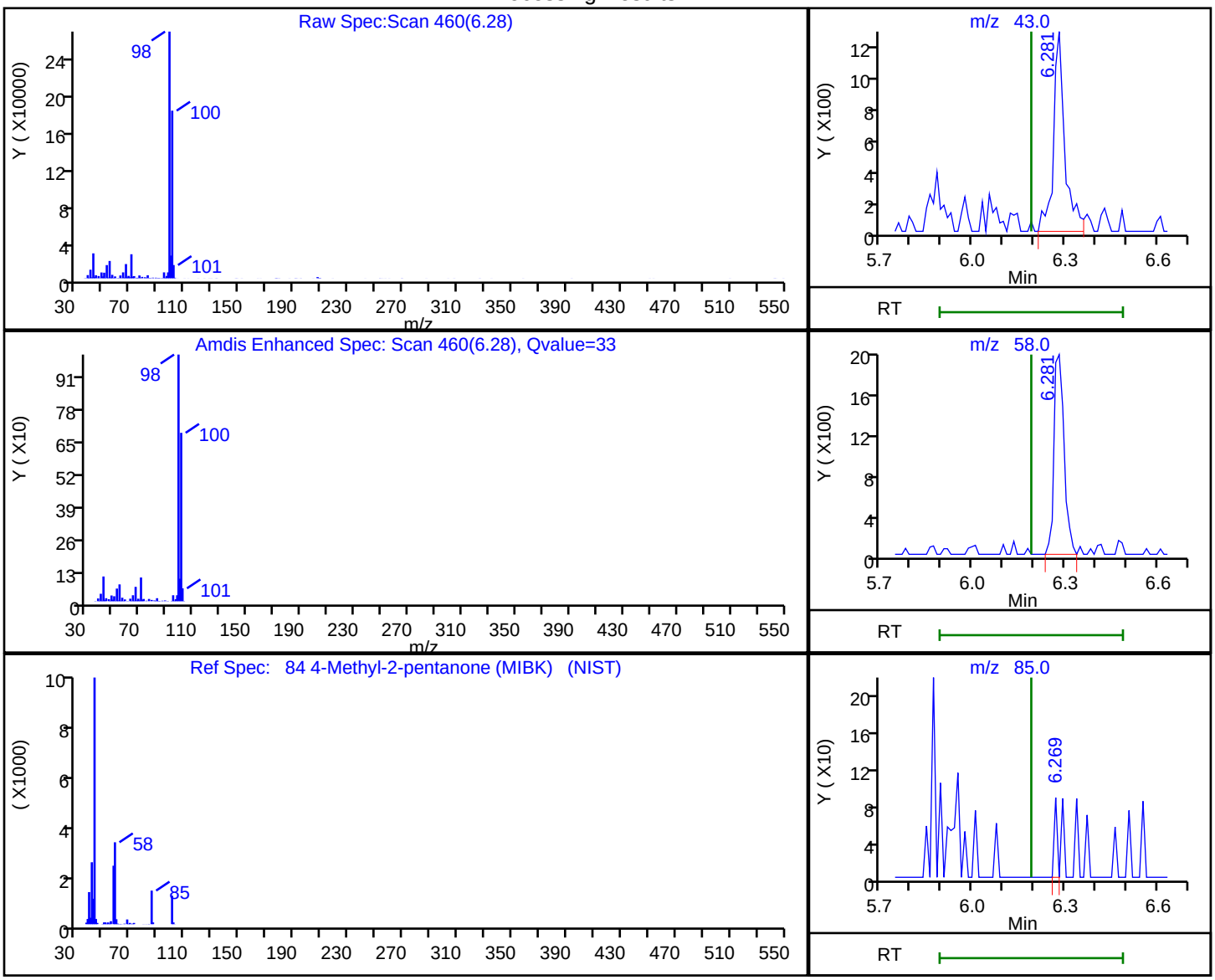
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.28	43.00	3151	0.877367
6.28	58.00	4382	
6.27	85.00	60	
6.28	100.00	410159	

Reviewer: NN6A, 01-Jul-2022 12:43:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

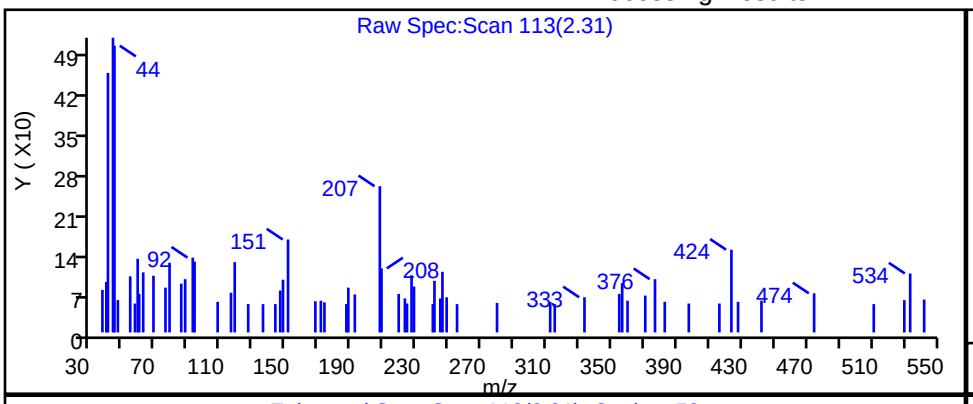
User Disabled Compound Report

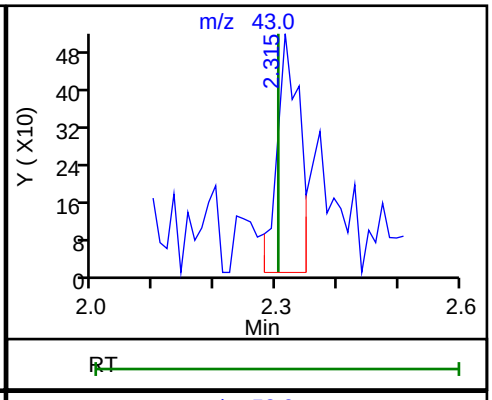
Eurofins Edison

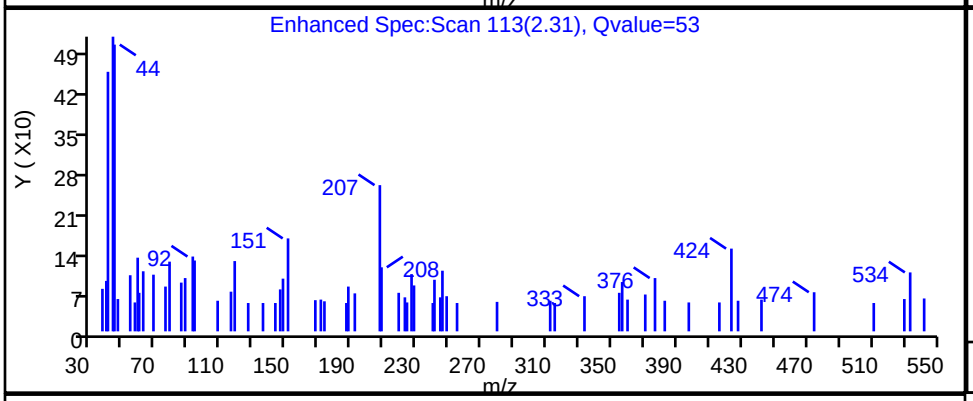
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

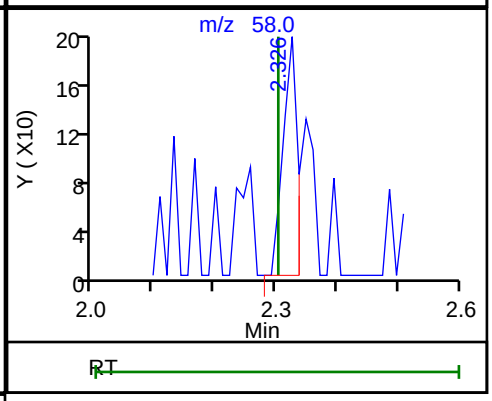
23 Acetone, CAS: 67-64-1

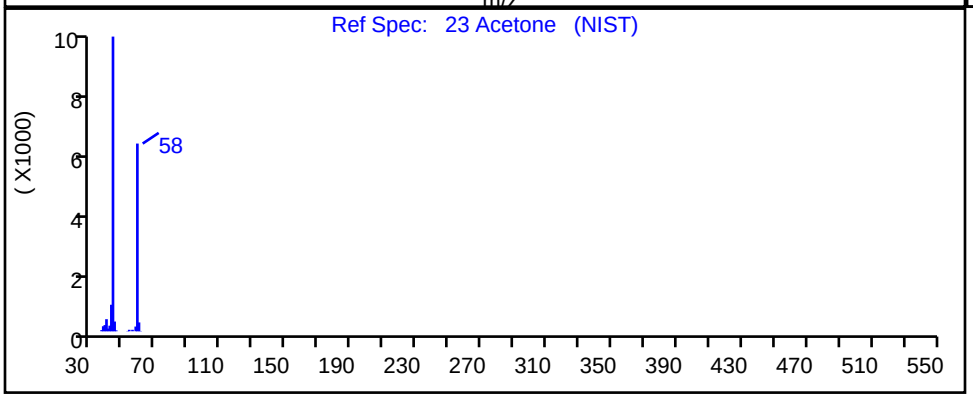
Processing Results











RT	Mass	Response	Amount
2.31	43.00	1341	1.171341
2.33	58.00	317	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

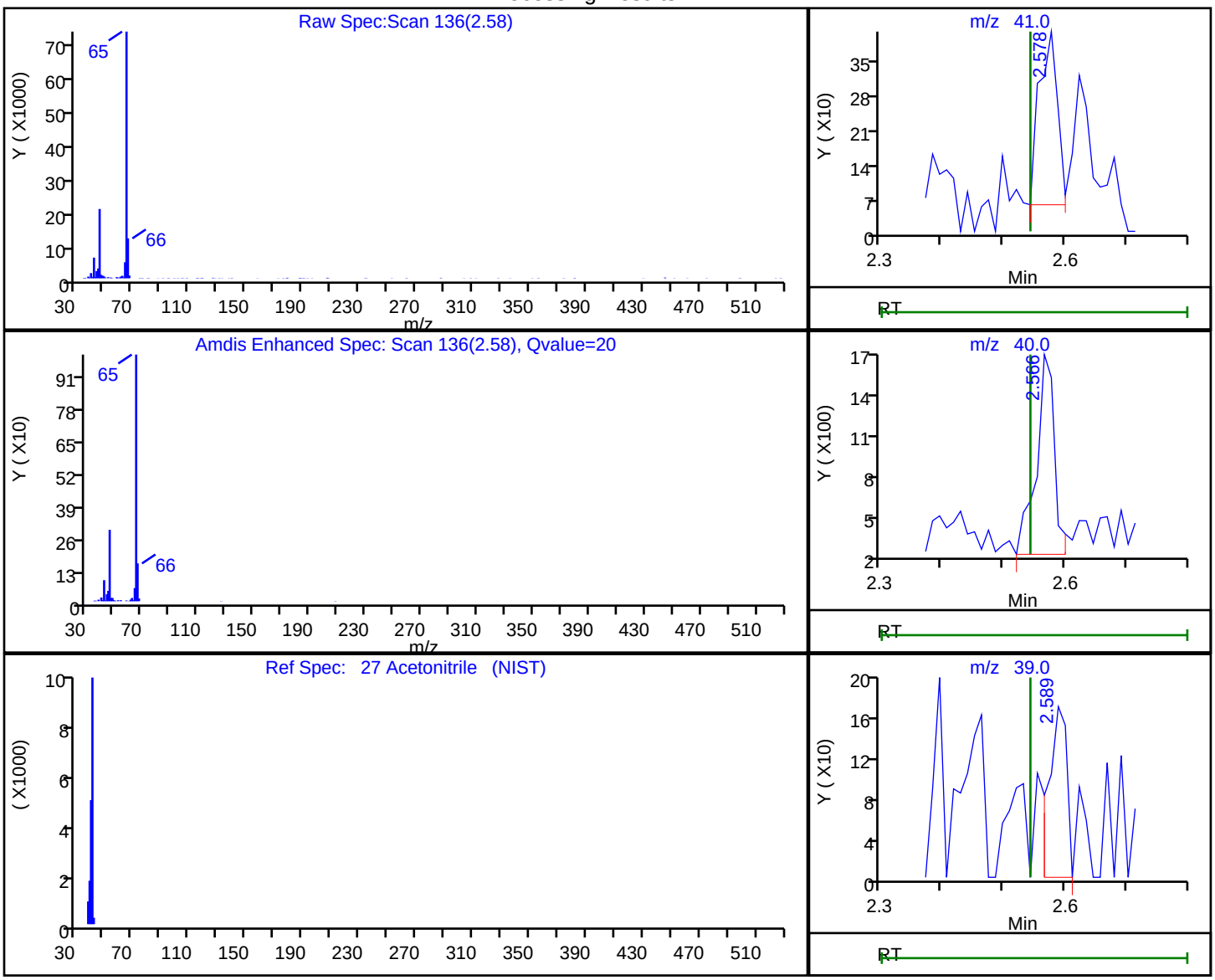
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.58	41.00	734	1.877909
2.57	40.00	2912	
2.59	39.00	335	
2.57	38.00	1520	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

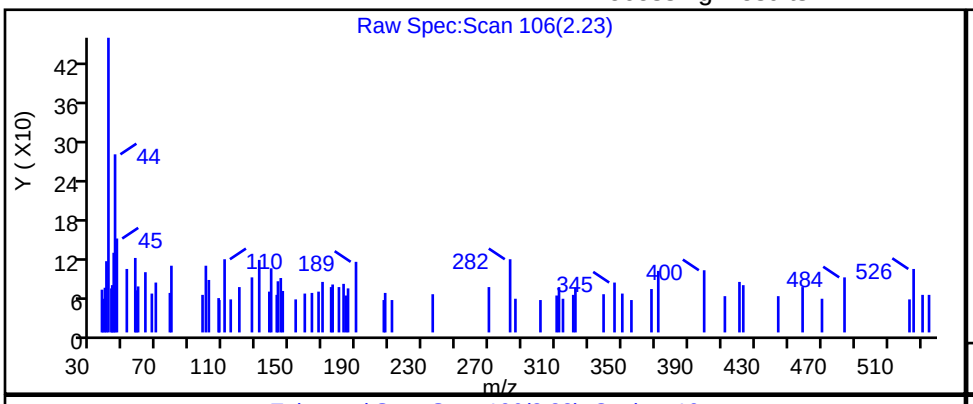
User Disabled Compound Report

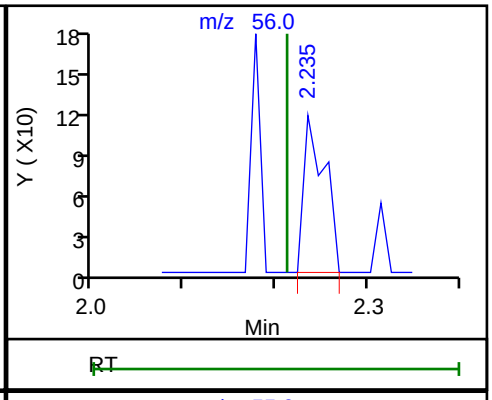
Eurofins Edison

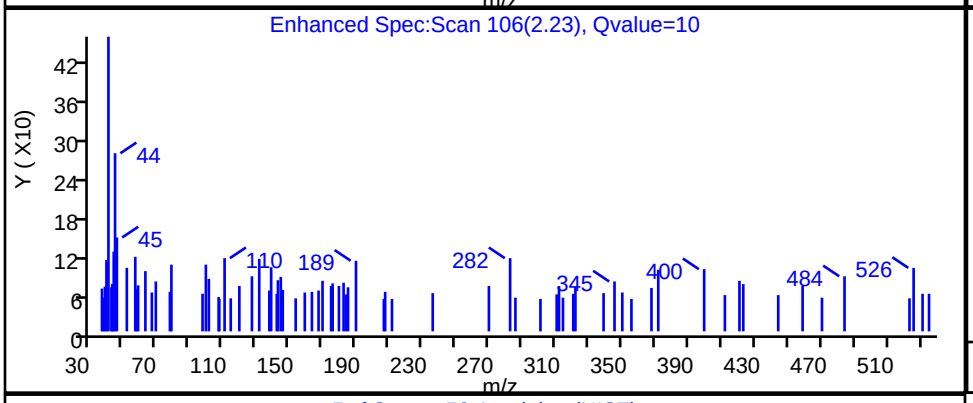
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

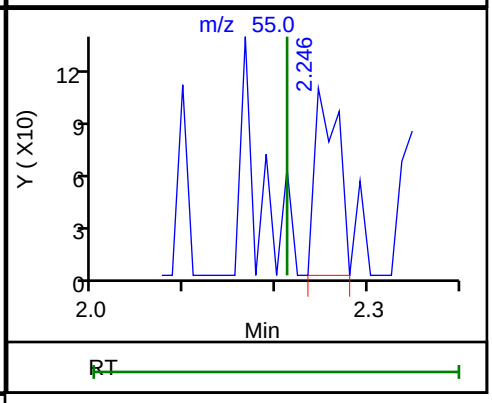
52 Acrolein, CAS: 107-02-8

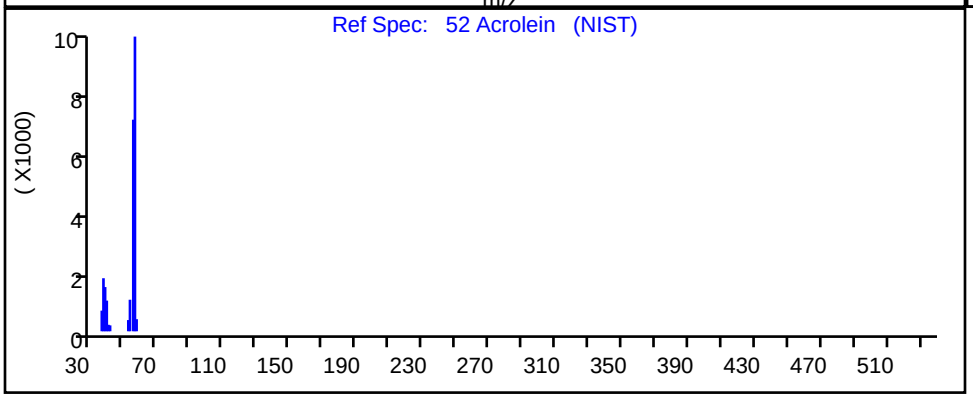
Processing Results











RT	Mass	Response	Amount
2.23	56.00	183	0.270859
2.25	55.00	187	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

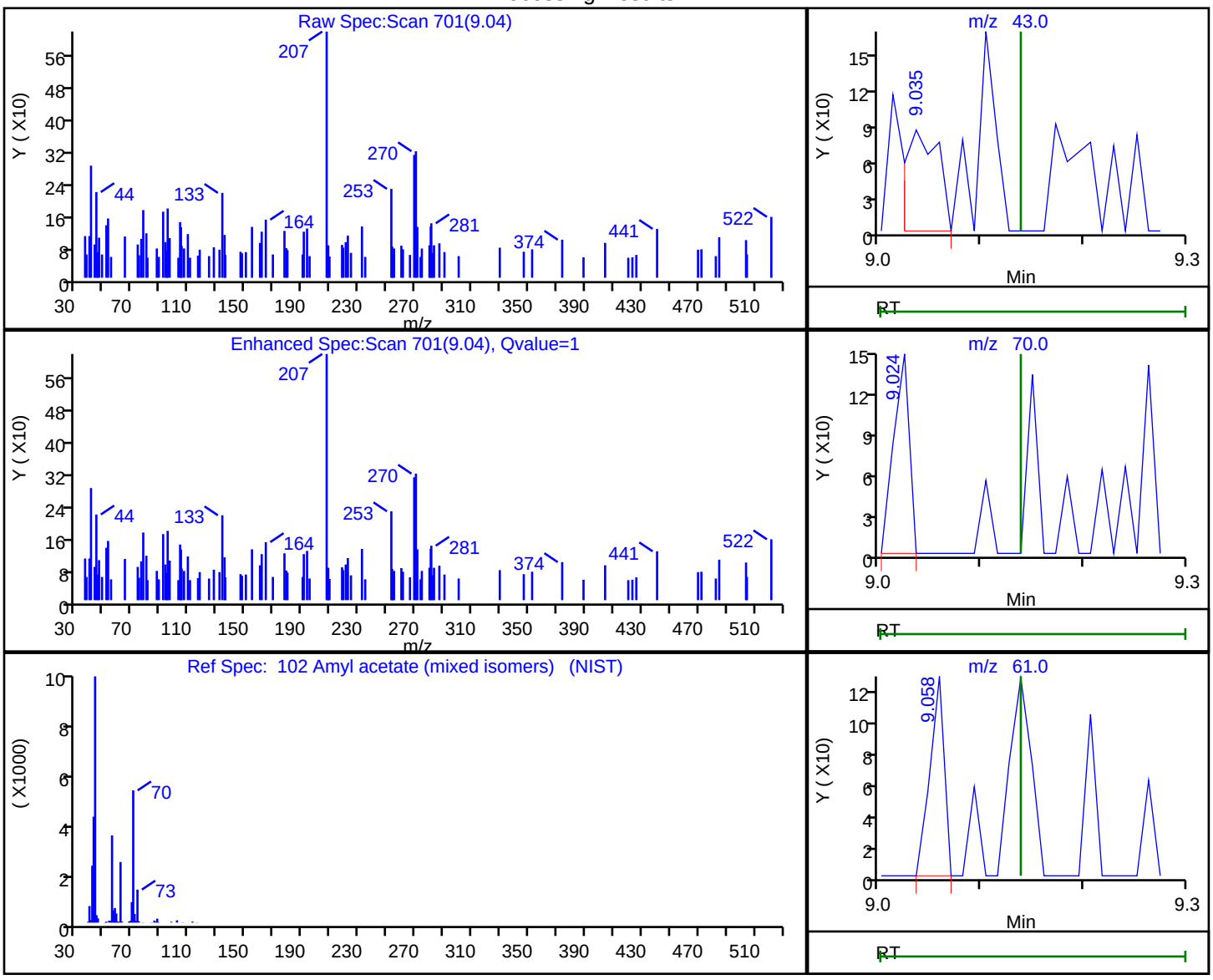
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.04	43.00	189	0.028138
9.02	70.00	154	
9.06	61.00	118	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

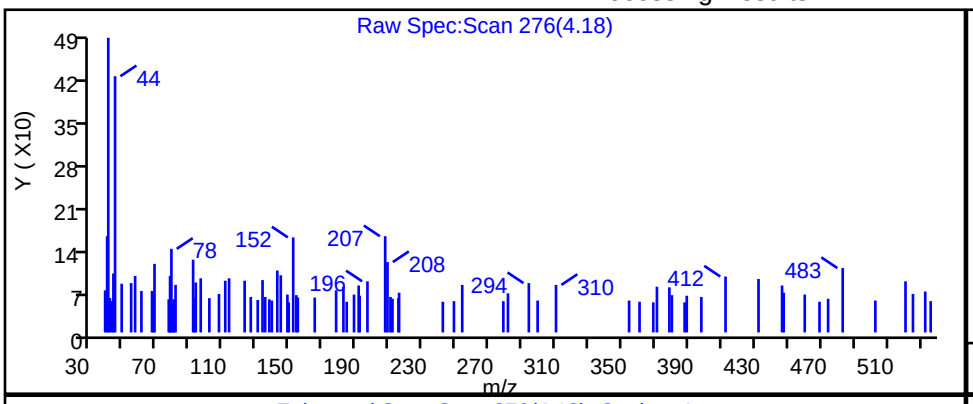
User Disabled Compound Report

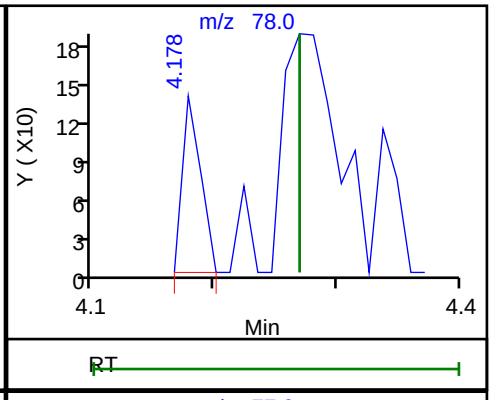
Eurofins Edison

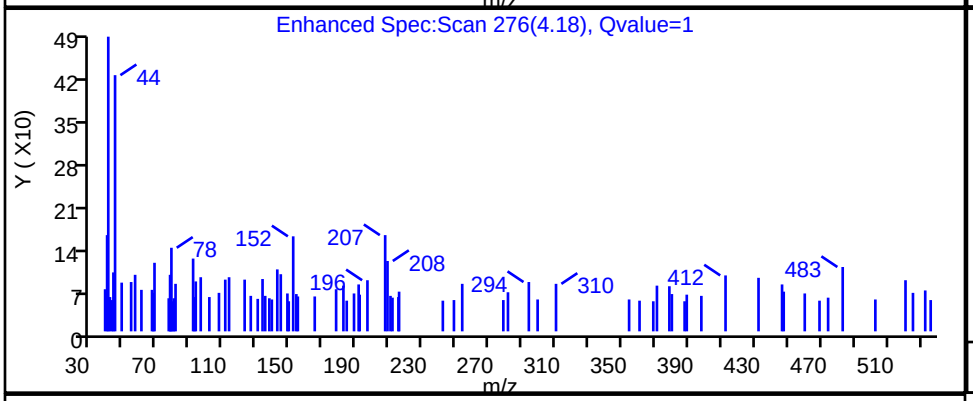
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

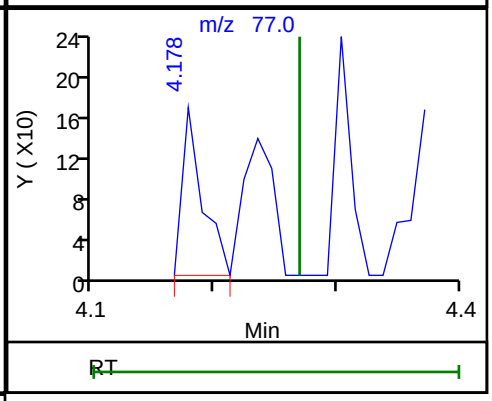
59 Benzene, CAS: 71-43-2

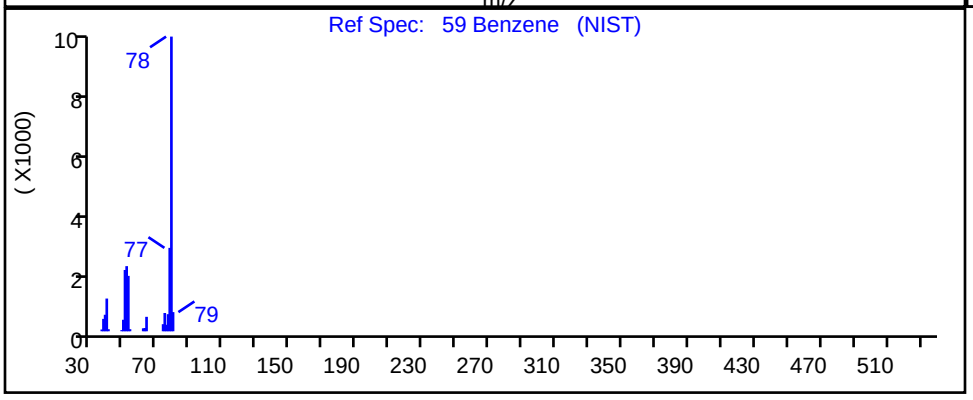
Processing Results











RT	Mass	Response	Amount
4.18	78.00	145	0.007664
4.18	77.00	194	

Reviewer: NN6A, 01-Jul-2022 12:42:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

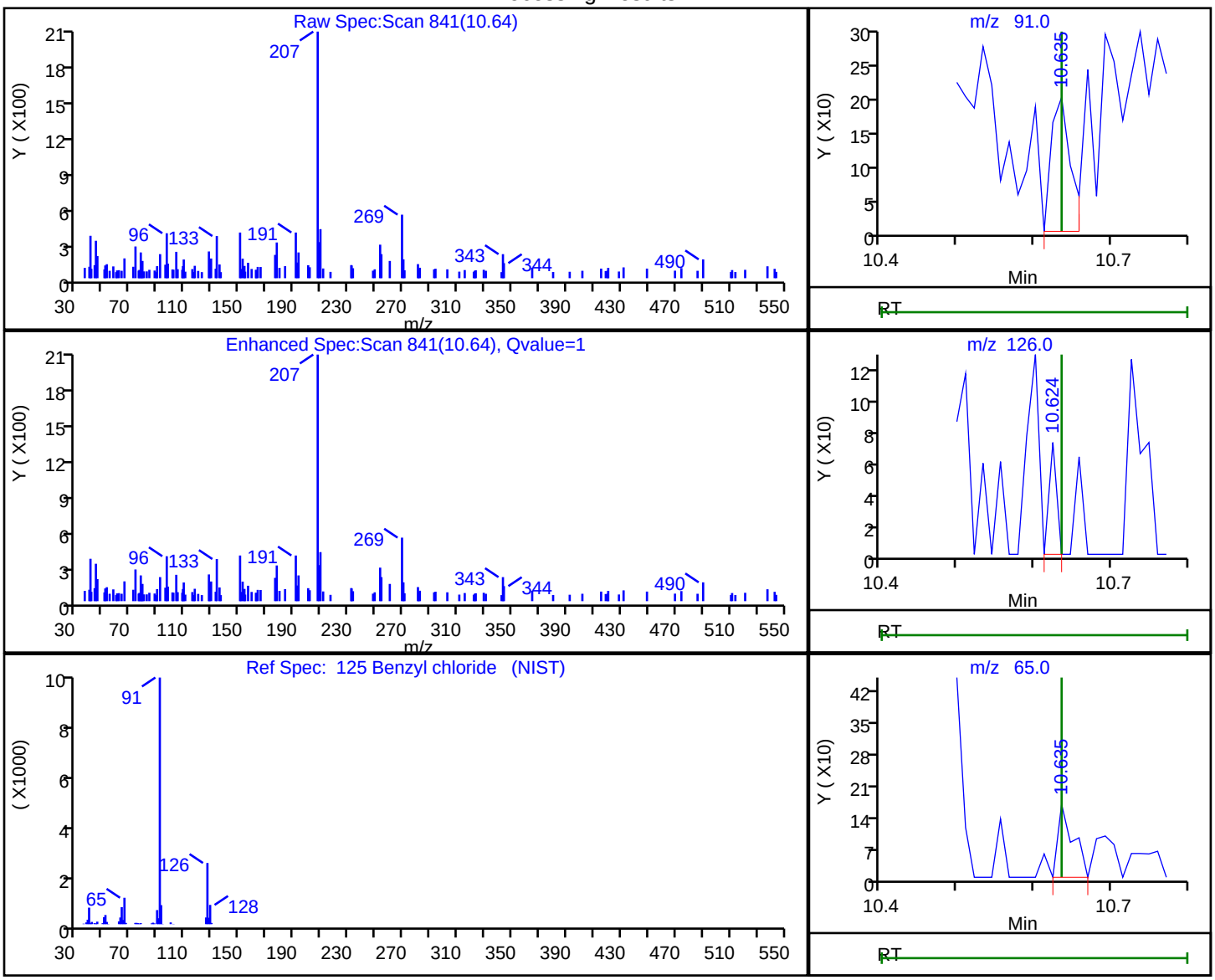
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.64	91.00	348	0.030353
10.62	126.00	48	
10.64	65.00	226	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

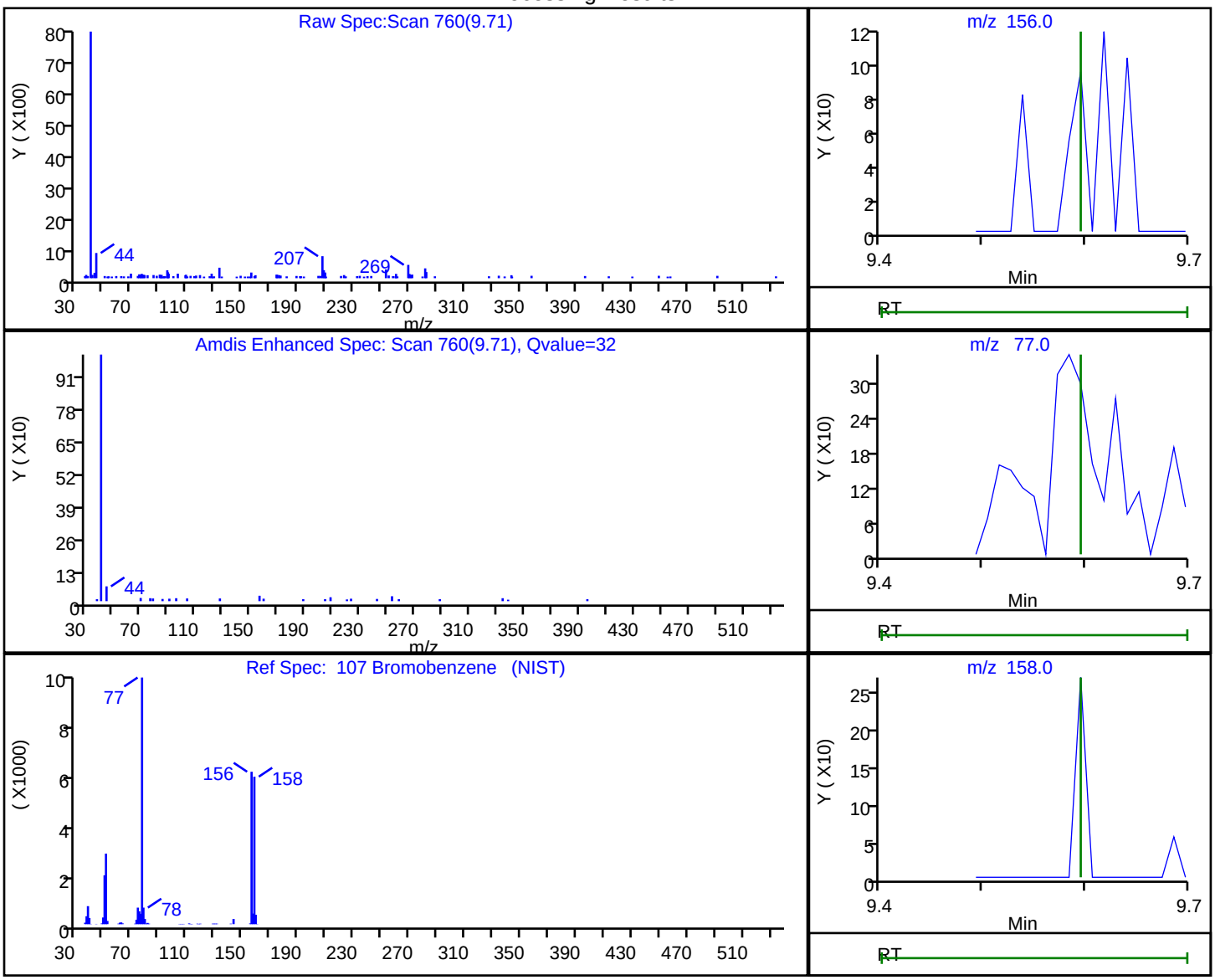
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.71	156.00	163	0.028872
9.71	77.00	119	
9.71	158.00	45	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

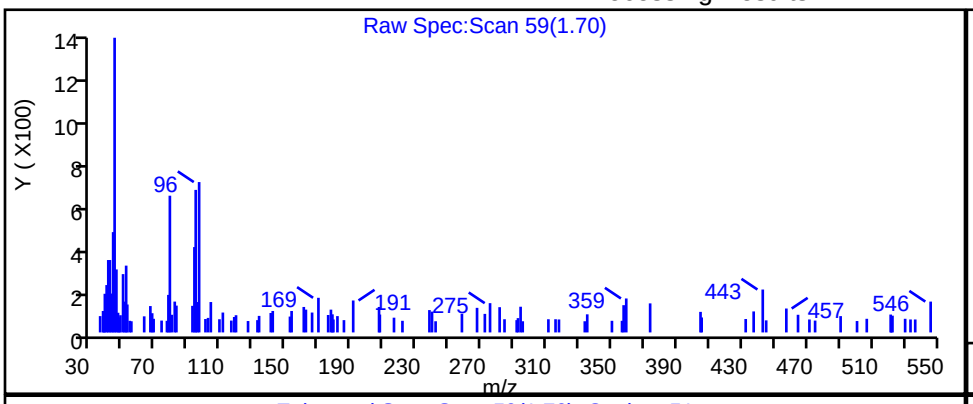
User Disabled Compound Report

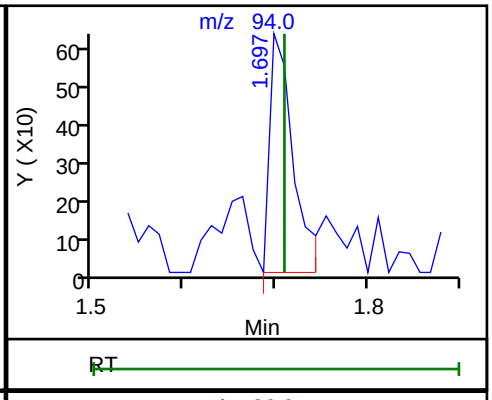
Eurofins Edison

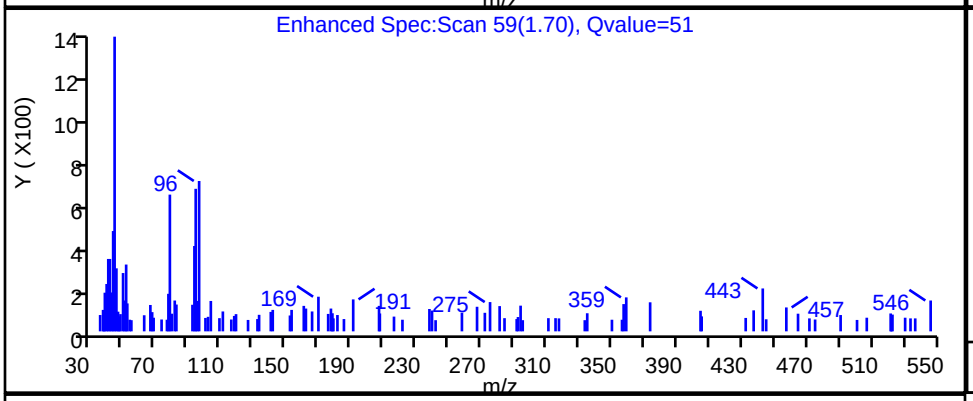
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

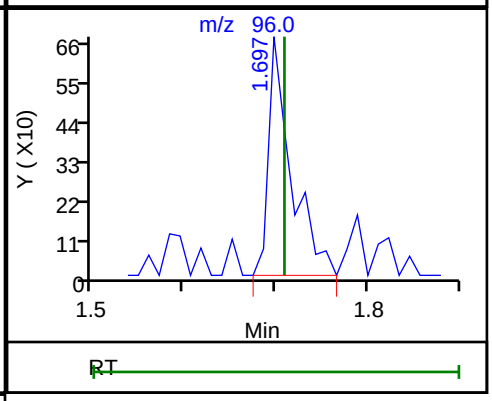
9 Bromomethane, CAS: 74-83-9

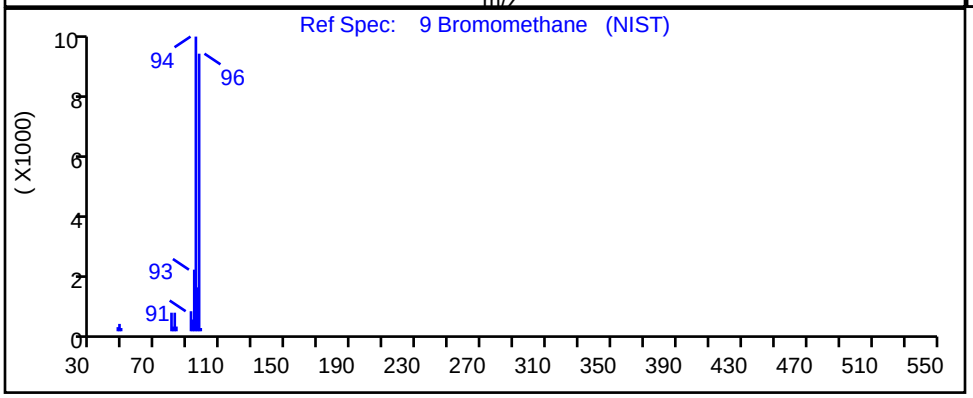
Processing Results











RT	Mass	Response	Amount
1.70	94.00	1131	0.305102
1.70	96.00	1160	

Reviewer: NN6A, 01-Jul-2022 12:42:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

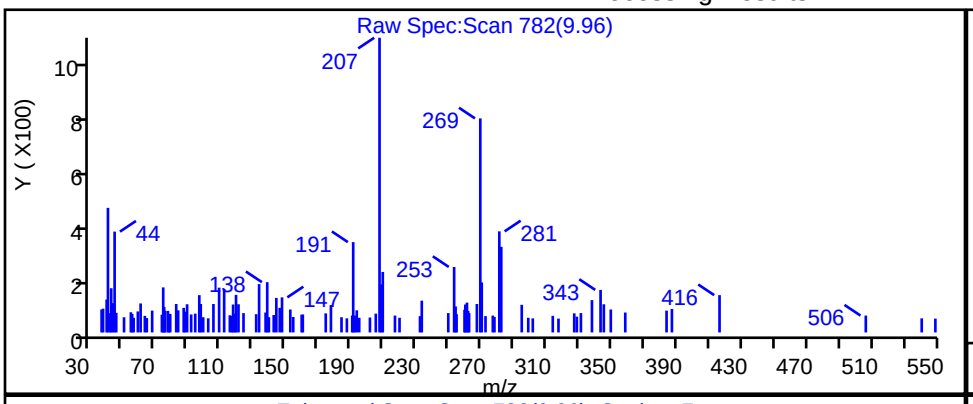
User Disabled Compound Report

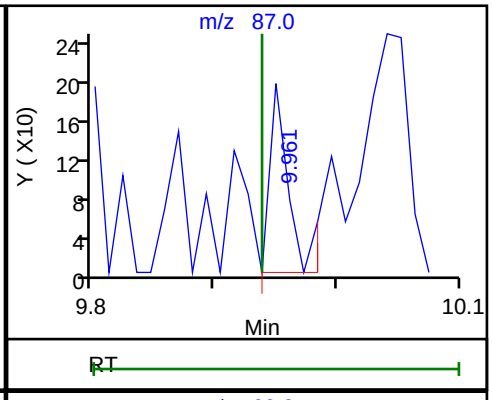
Eurofins Edison

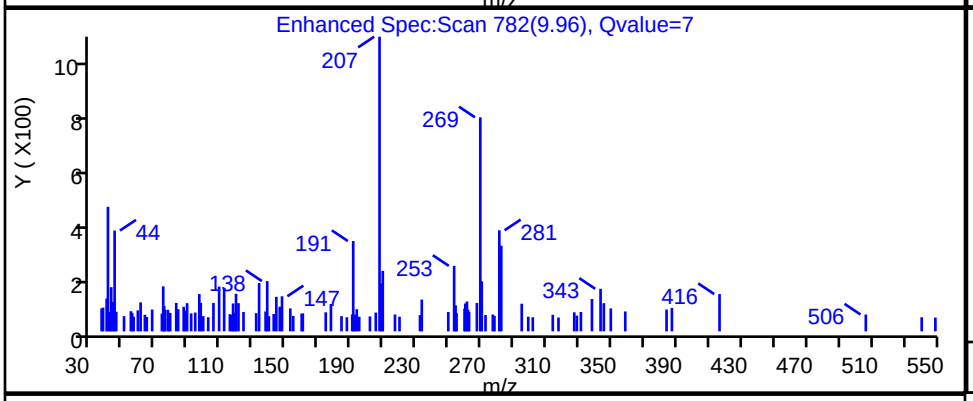
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

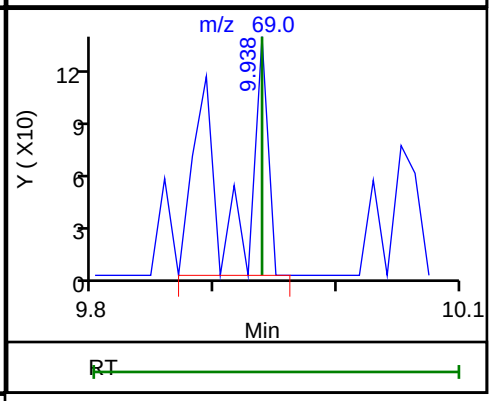
117 Butyl Methacrylate, CAS: 97-88-1

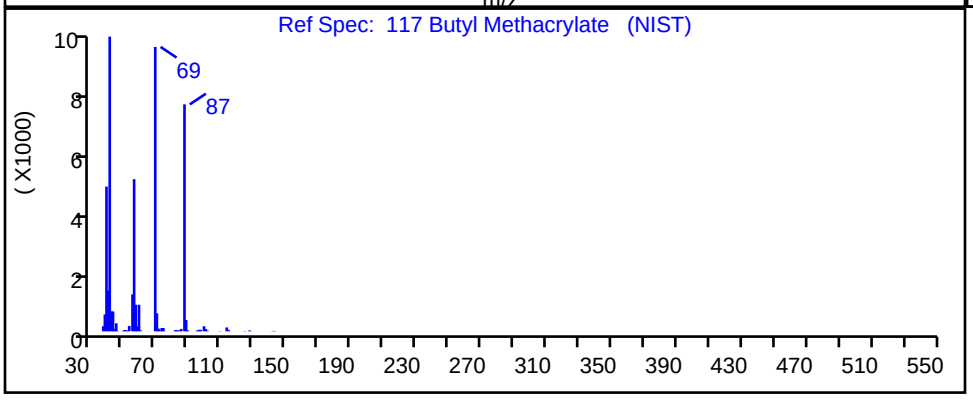
Processing Results











RT	Mass	Response	Amount
9.96	87.00	223	0.041948
9.94	69.00	256	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

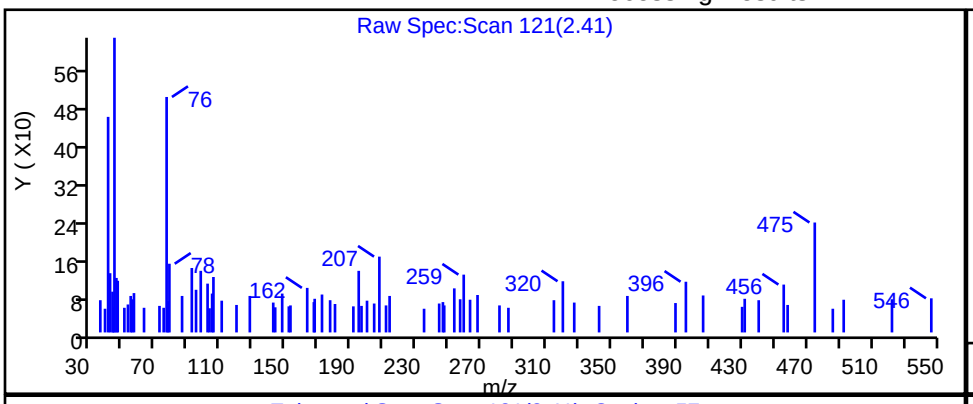
User Disabled Compound Report

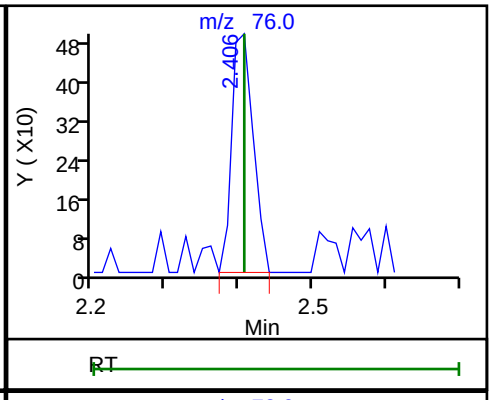
Eurofins Edison

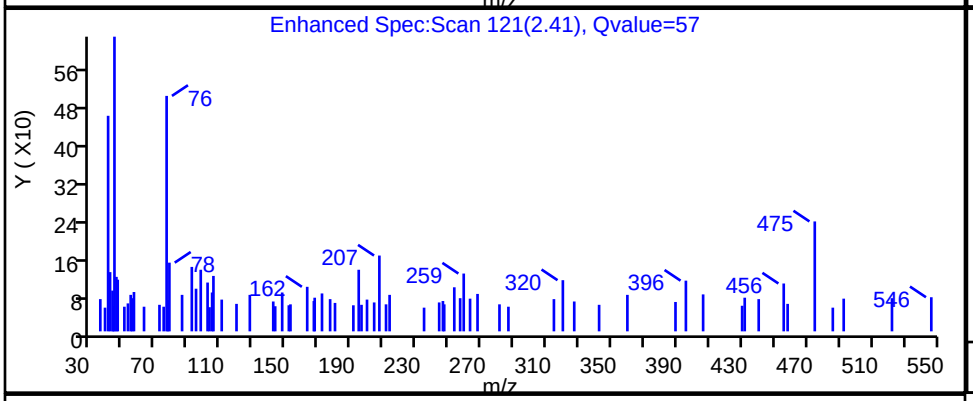
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

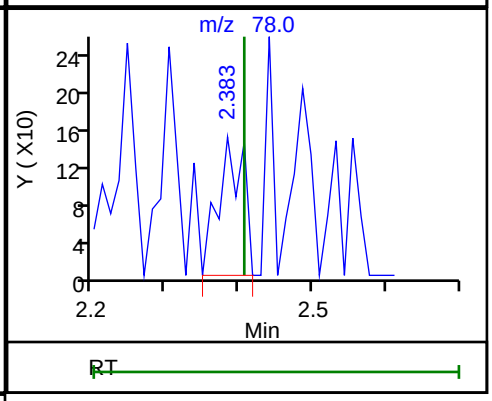
22 Carbon disulfide, CAS: 75-15-0

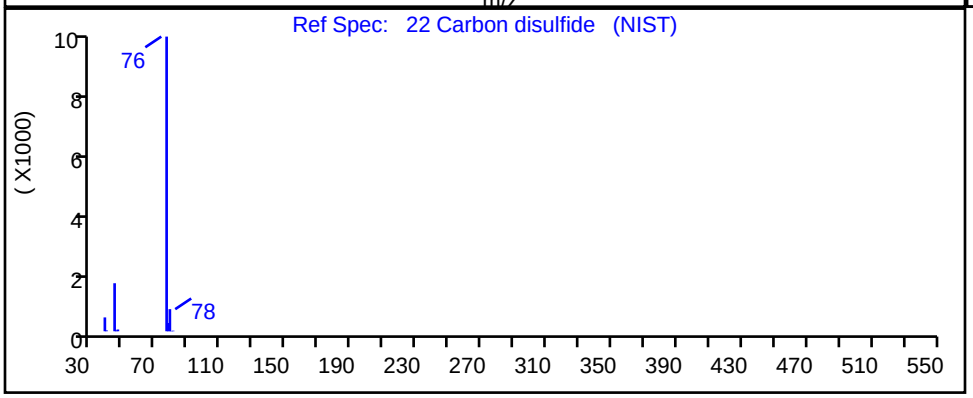
Processing Results











RT	Mass	Response	Amount
2.41	76.00	1016	0.078878
2.38	78.00	357	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

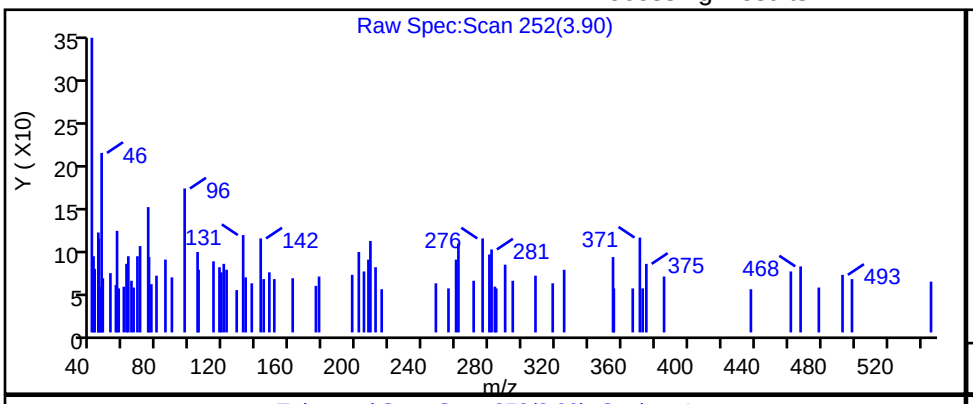
User Disabled Compound Report

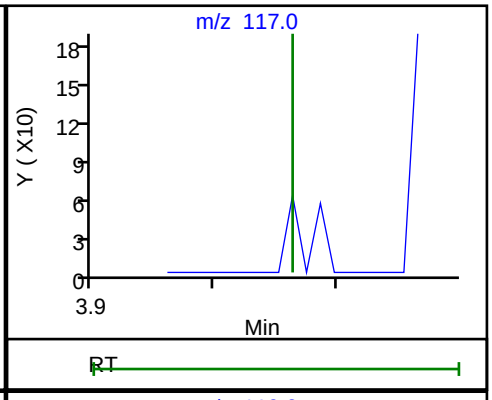
Eurofins Edison

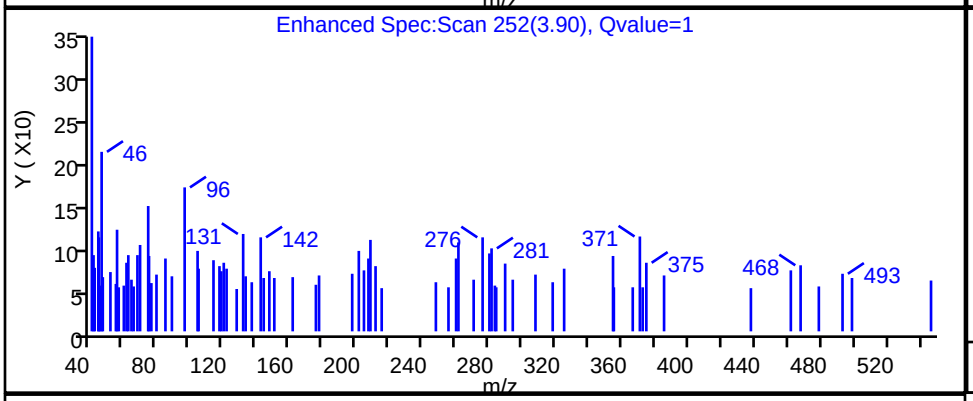
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

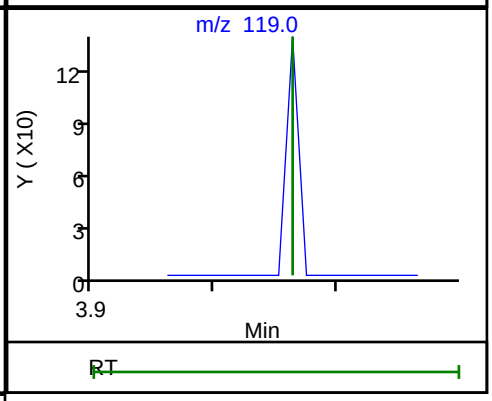
57 Carbon tetrachloride, CAS: 56-23-5

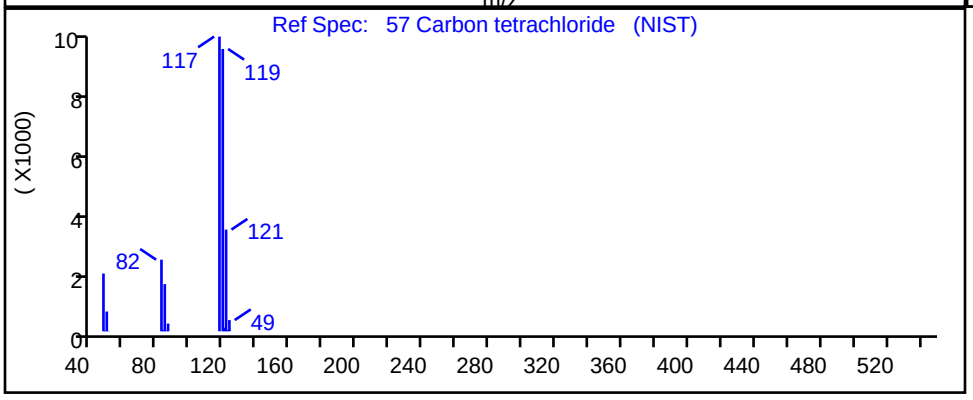
Processing Results











RT	Mass	Response	Amount
3.90	117.00	90	0.014855
3.90	119.00	56	

Reviewer: NN6A, 01-Jul-2022 12:42:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

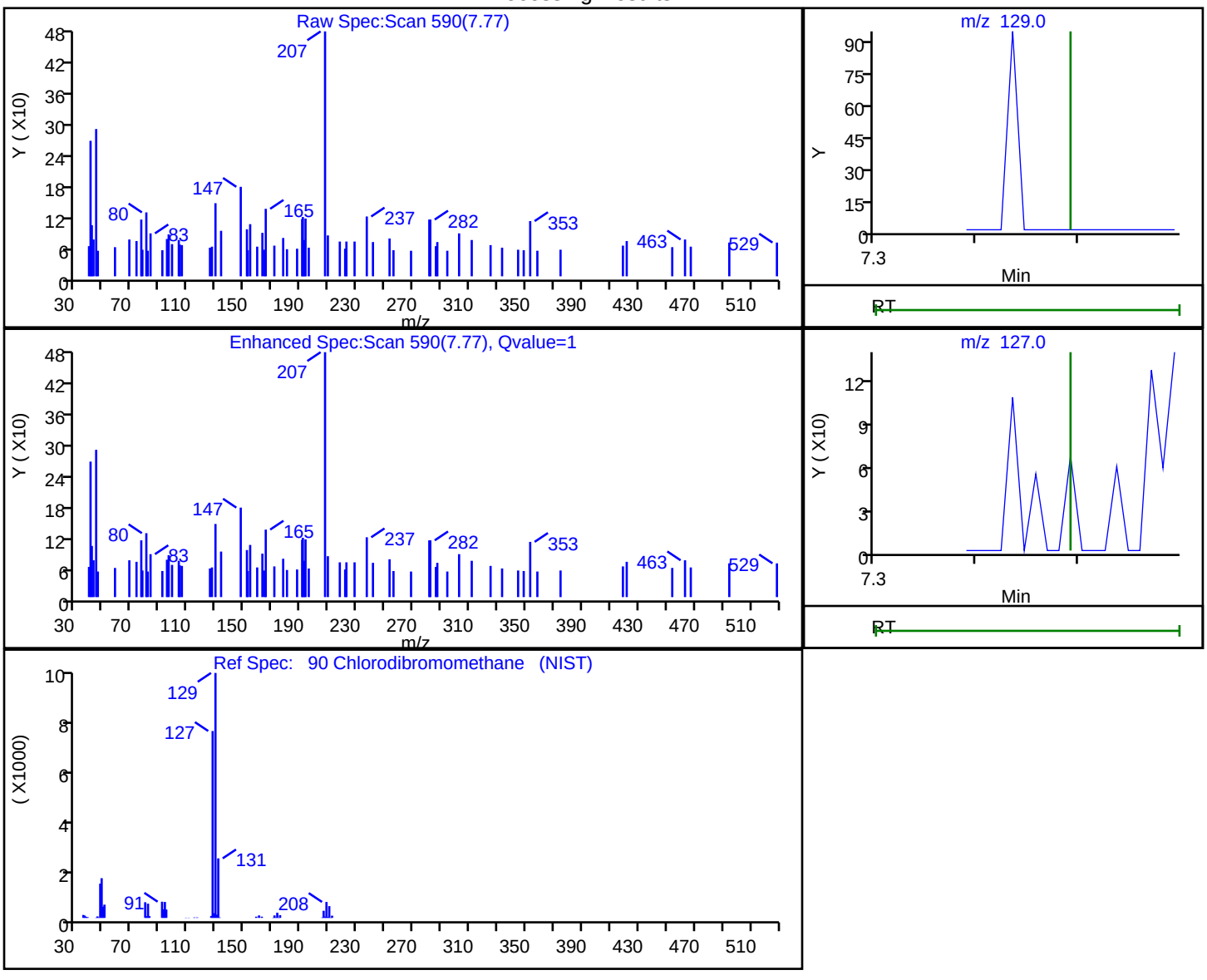
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

90 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.77	129.00	139	0.028004
7.78	127.00	52	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

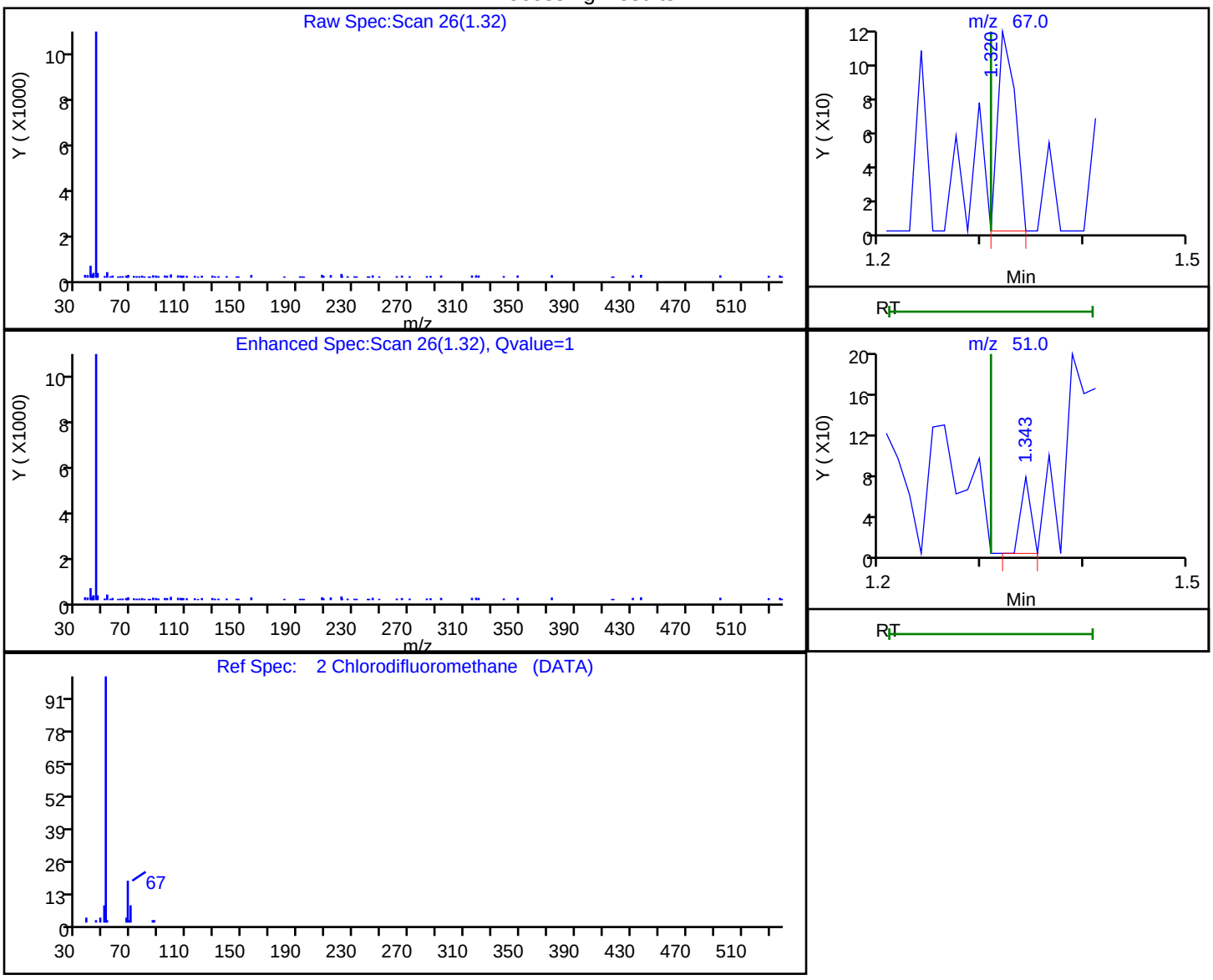
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

2 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.32	67.00	135	0.163602
1.34	51.00	50	

Reviewer: NN6A, 01-Jul-2022 12:42:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

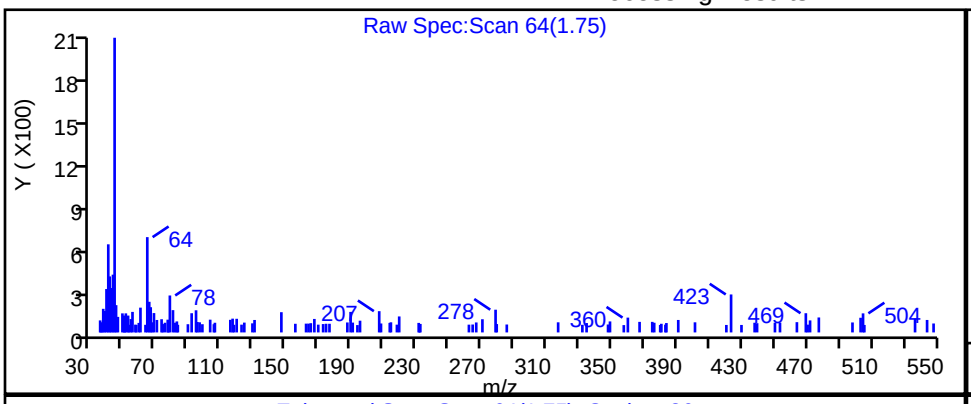
User Disabled Compound Report

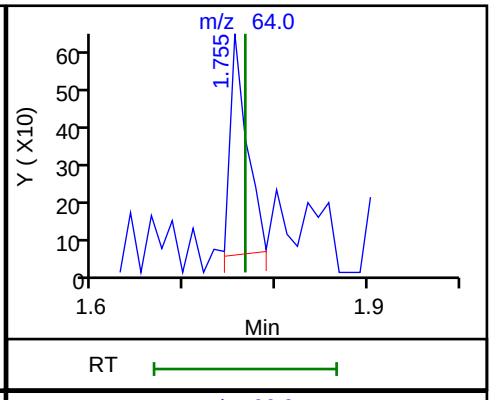
Eurofins Edison

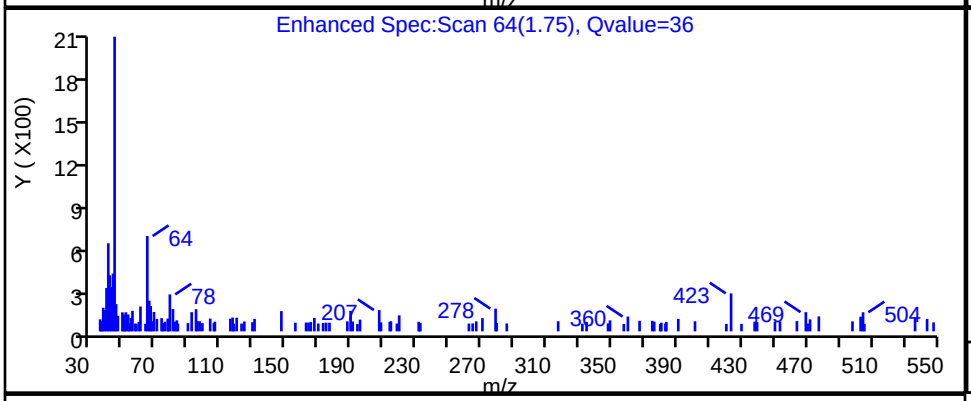
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

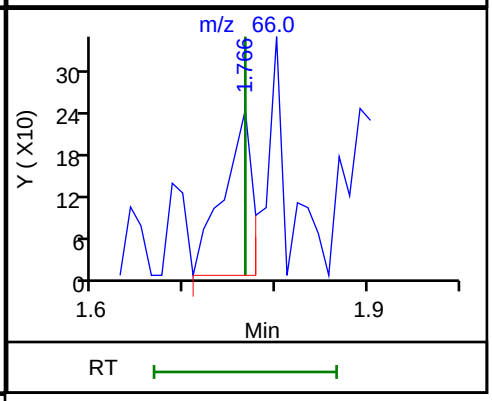
10 Chloroethane, CAS: 75-00-3

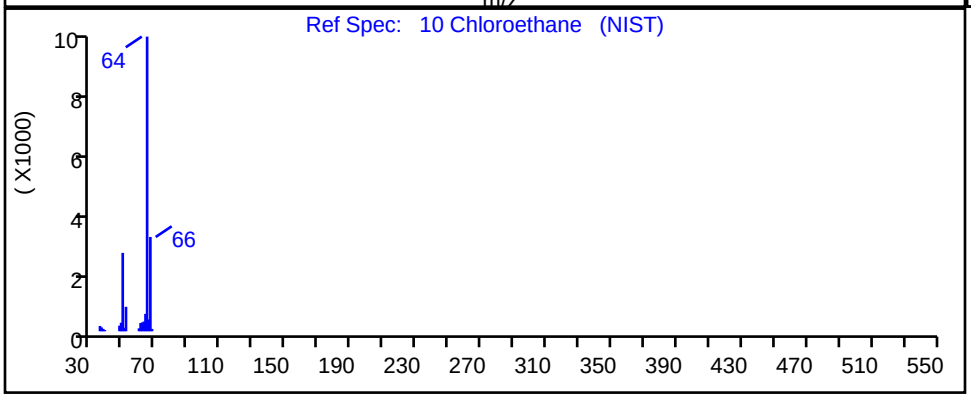
Processing Results











RT	Mass	Response	Amount
1.75	64.00	762	0.225196
1.77	66.00	525	

Reviewer: NN6A, 01-Jul-2022 12:42:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

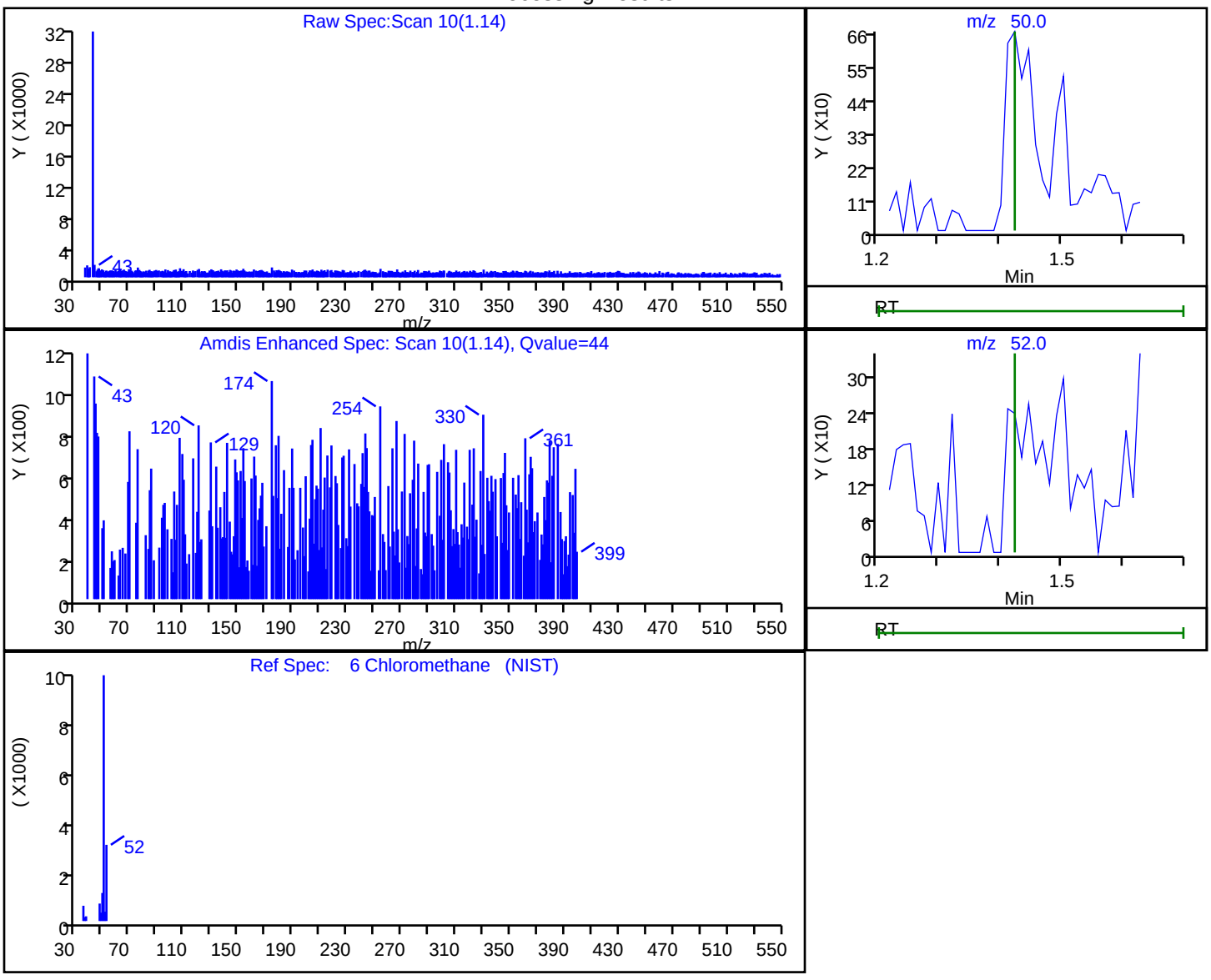
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.14	50.00	2134	0.397262
1.14	52.00	3150	

Reviewer: NN6A, 01-Jul-2022 12:42:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

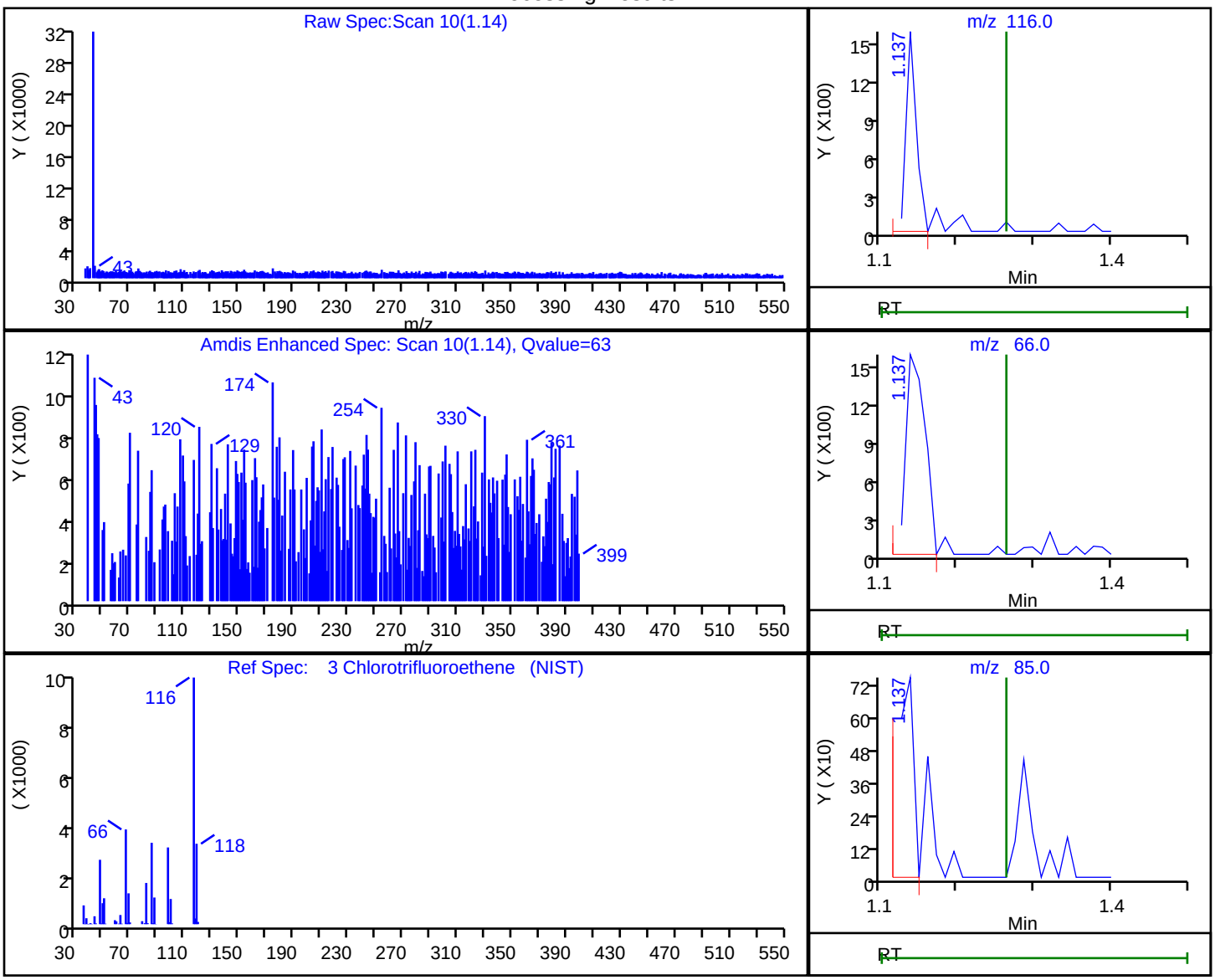
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.14	116.00	1493	0.745534
1.14	66.00	2628	
1.14	85.00	923	
1.16	118.00	1804	

Reviewer: NN6A, 01-Jul-2022 12:42:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

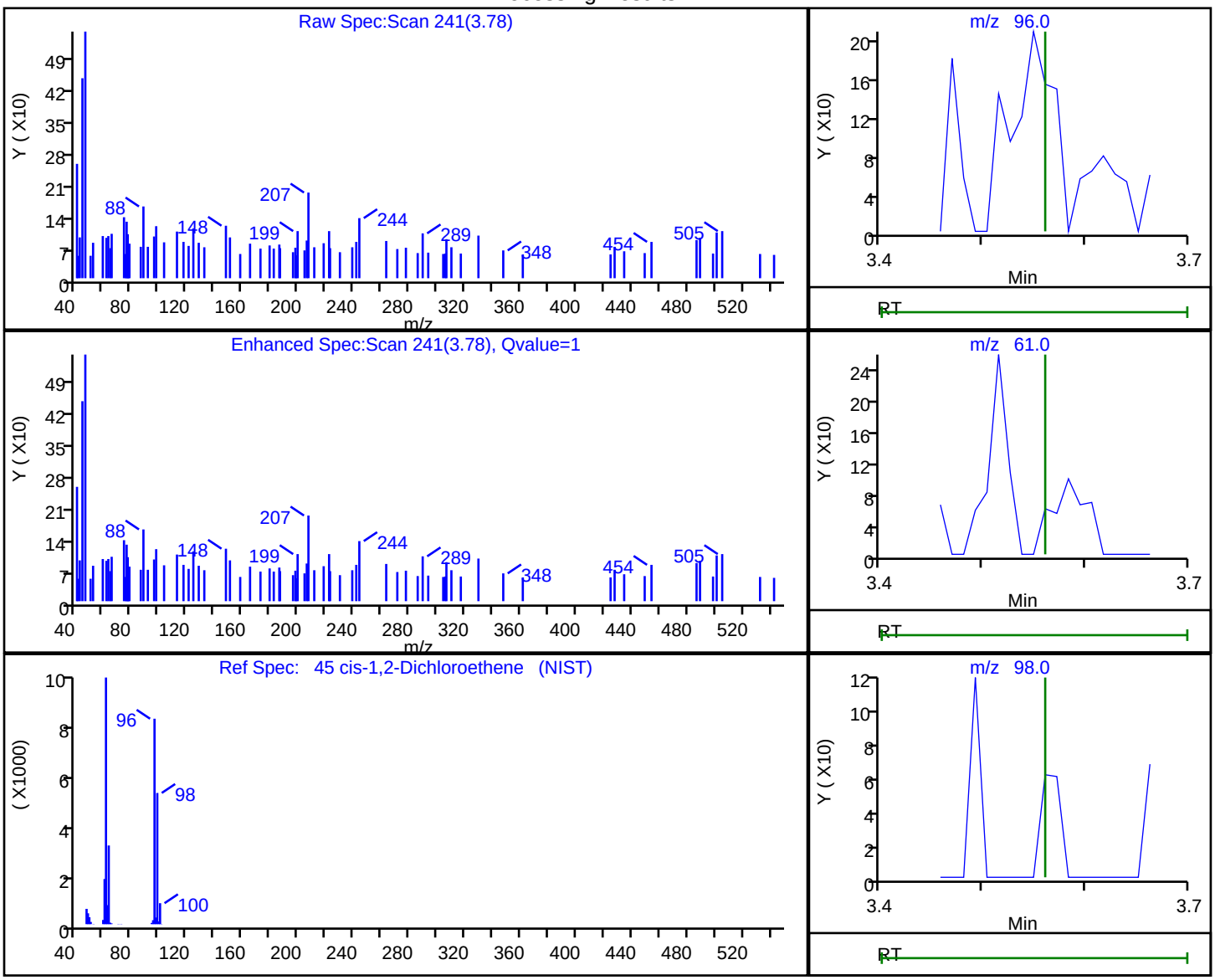
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.78	96.00	180	0.030912
3.78	61.00	62	
3.77	98.00	75	

Reviewer: NN6A, 01-Jul-2022 12:42:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

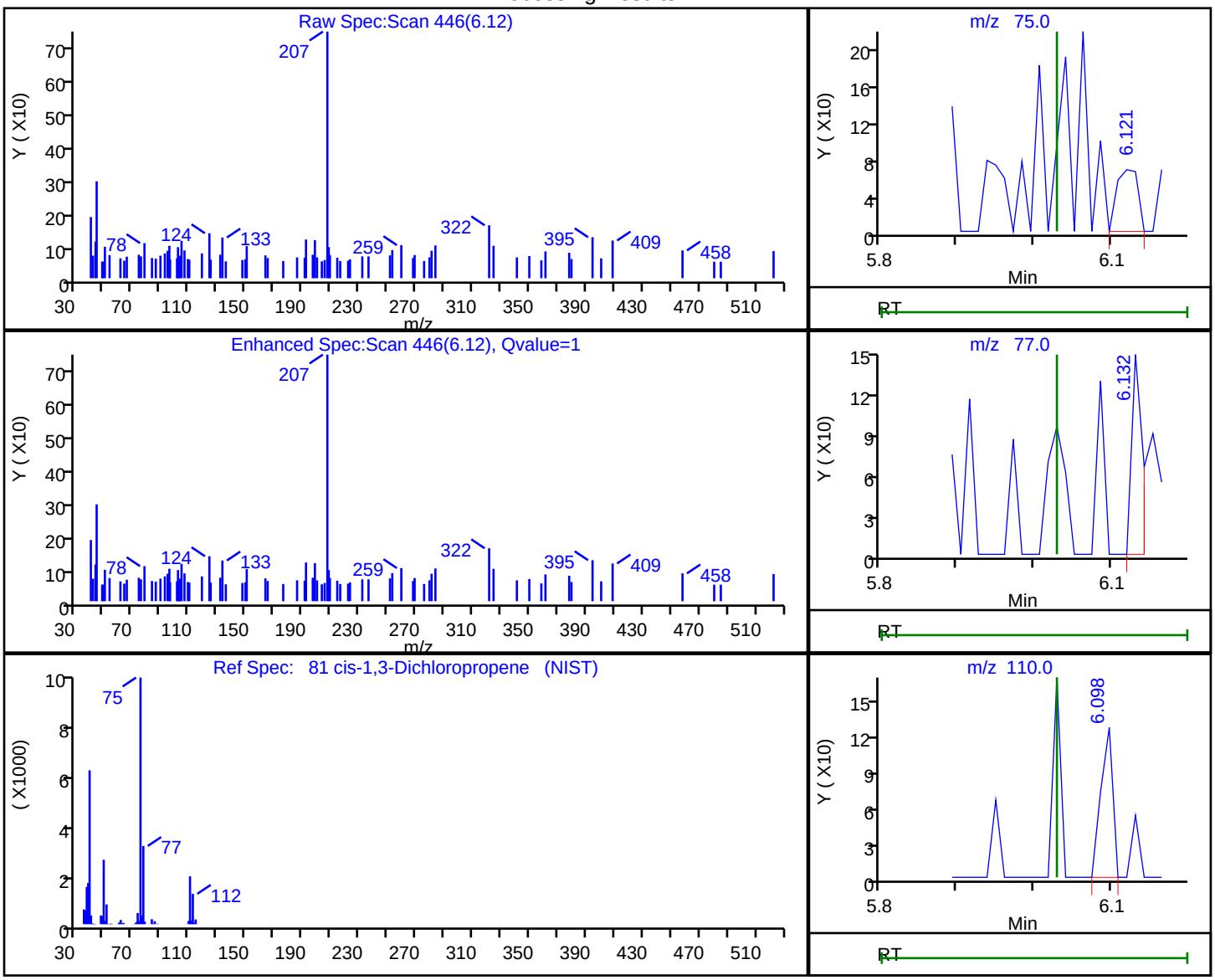
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.12	75.00	127	0.016567
6.13	77.00	142	
6.10	110.00	136	

Reviewer: NN6A, 01-Jul-2022 12:43:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

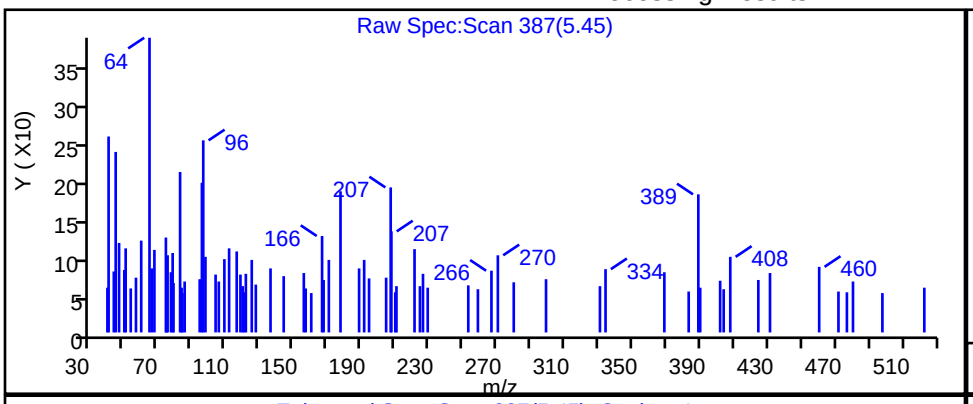
User Disabled Compound Report

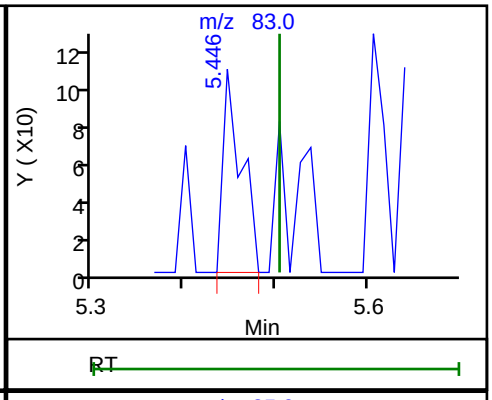
Eurofins Edison

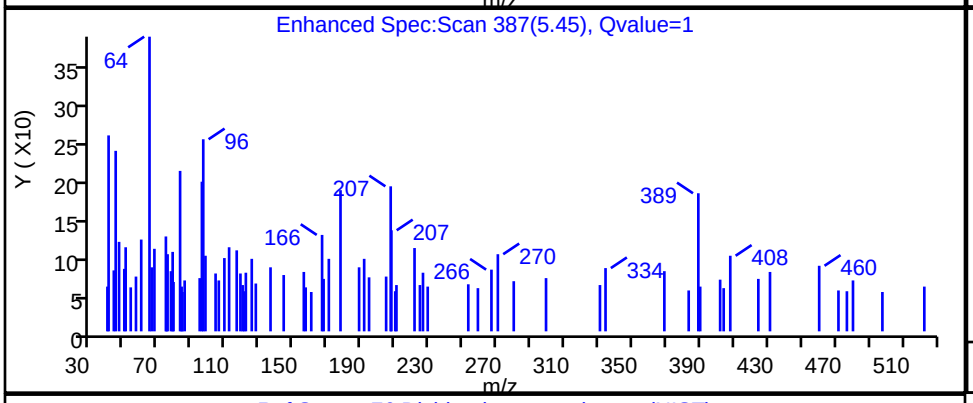
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

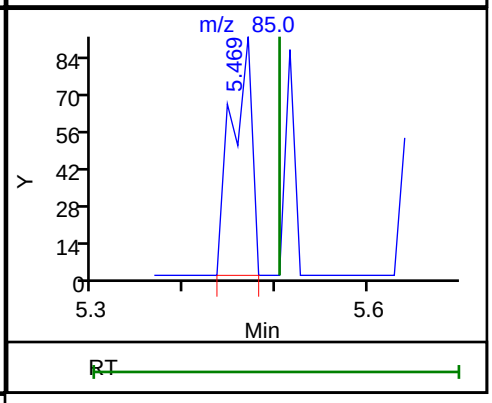
76 Dichlorobromomethane, CAS: 75-27-4

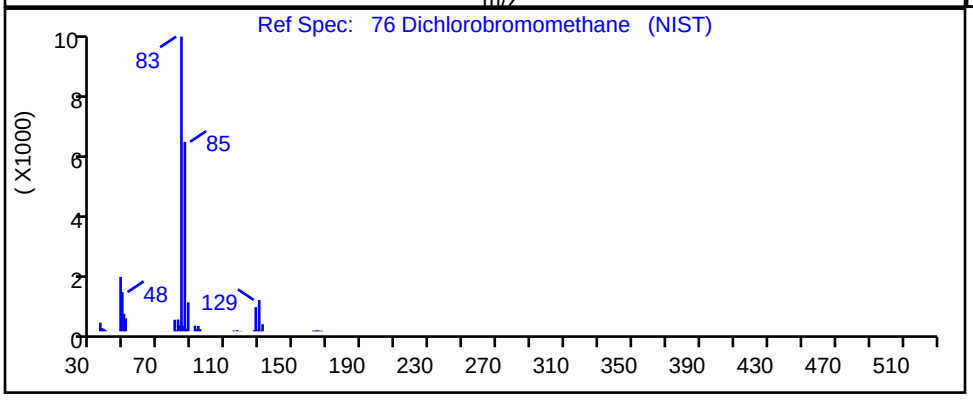
Processing Results











RT	Mass	Response	Amount
5.45	83.00	152	0.024778
5.47	85.00	143	

Reviewer: NN6A, 01-Jul-2022 12:43:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

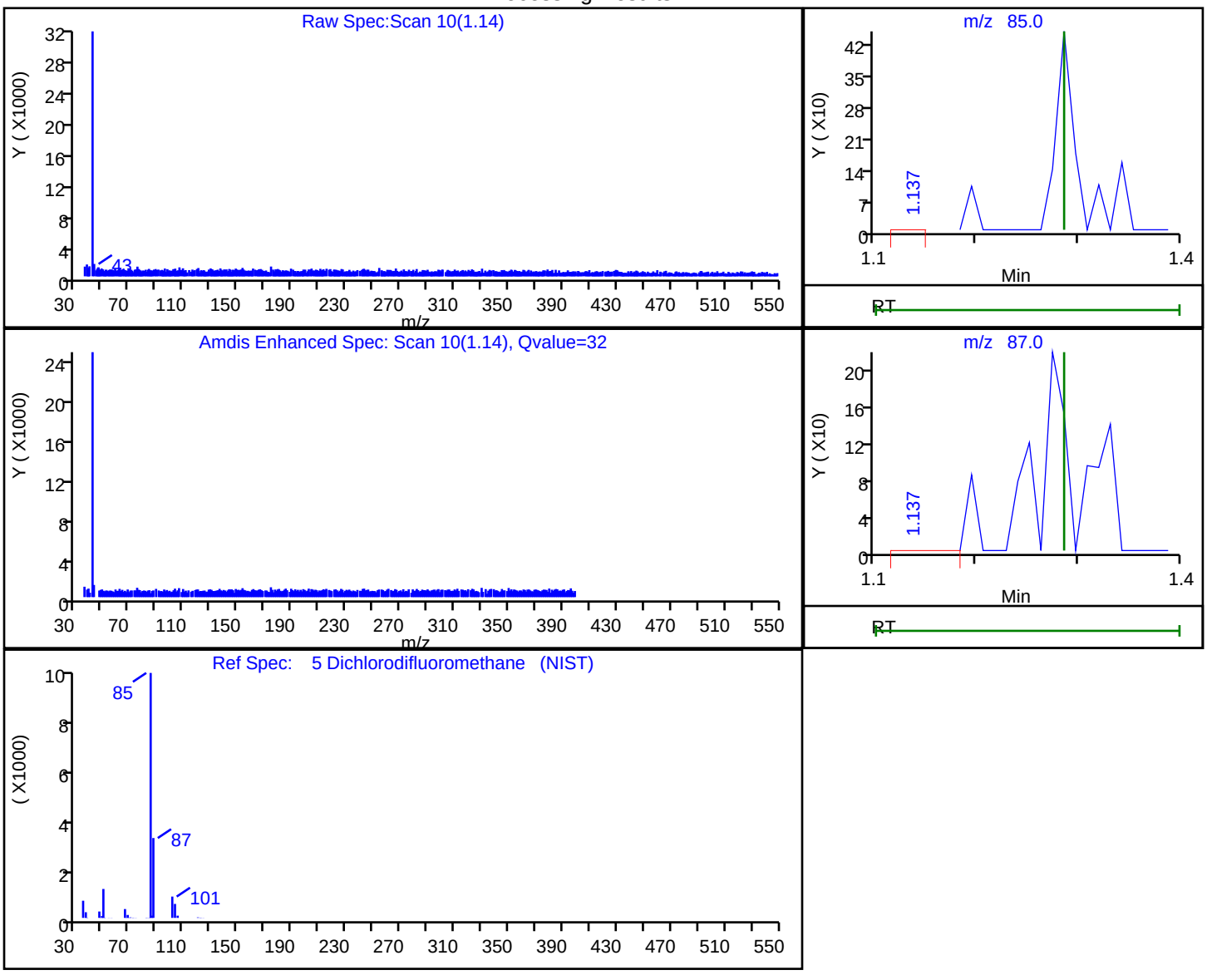
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.14	85.00	923	0.167529
1.14	87.00	1806	

Reviewer: NN6A, 01-Jul-2022 12:42:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

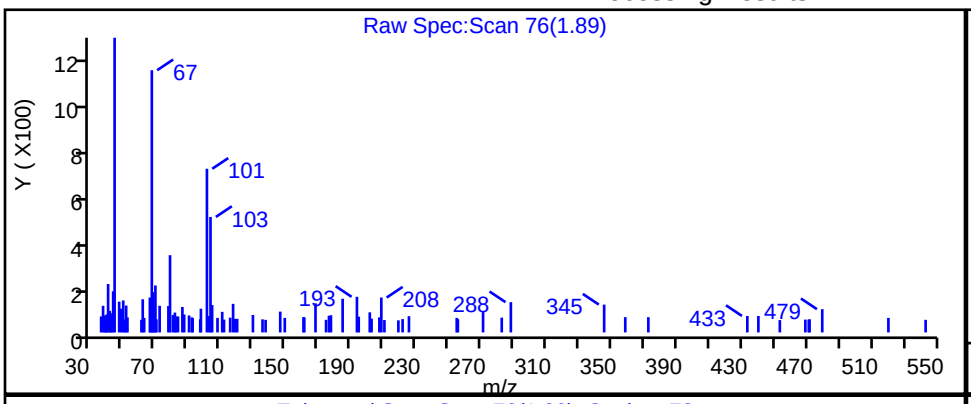
User Disabled Compound Report

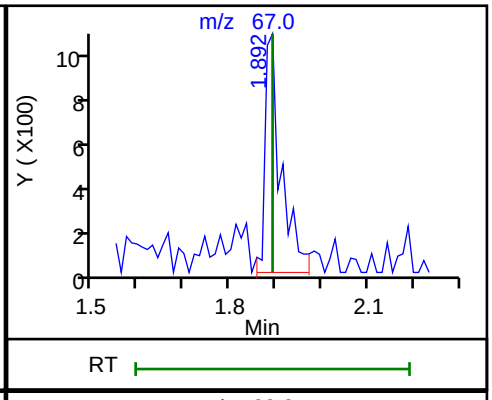
Eurofins Edison

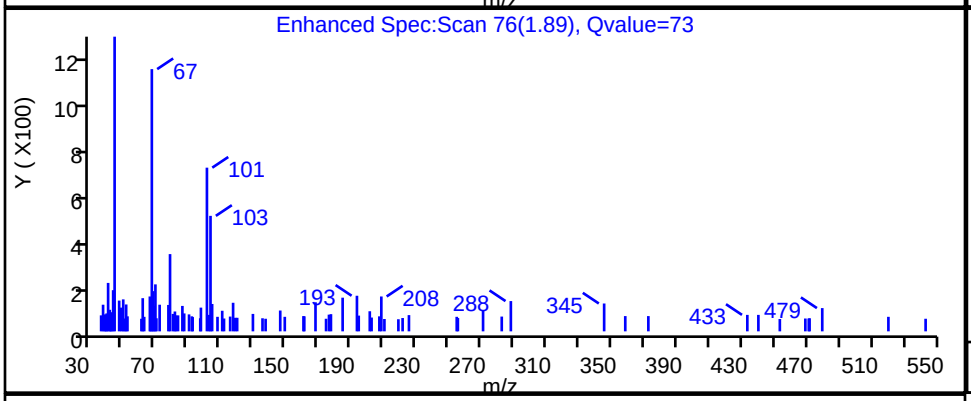
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

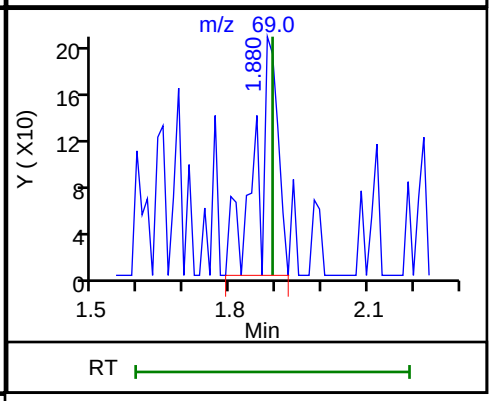
11 Dichlorofluoromethane, CAS: 75-43-4

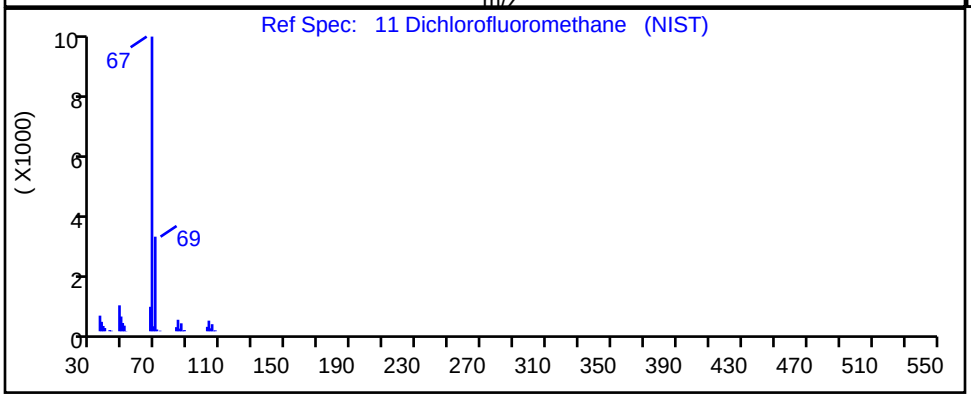
Processing Results











RT	Mass	Response	Amount
1.89	67.00	2624	0.329284
1.88	69.00	688	

Reviewer: NN6A, 01-Jul-2022 12:42:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

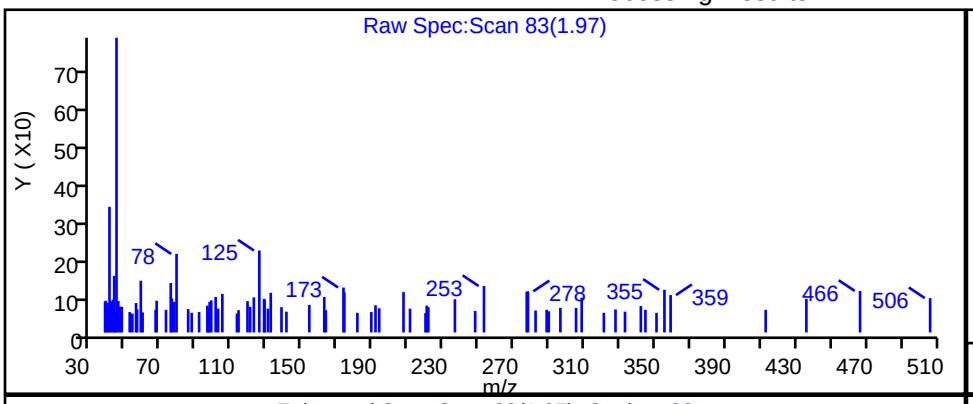
User Disabled Compound Report

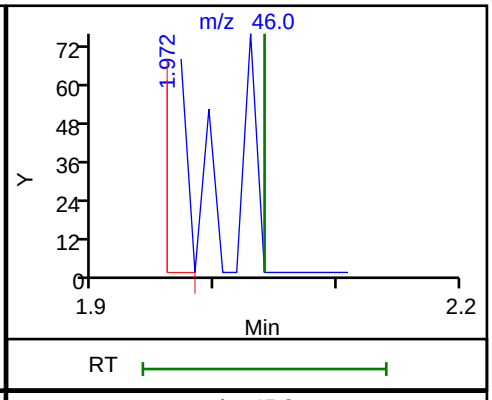
Eurofins Edison

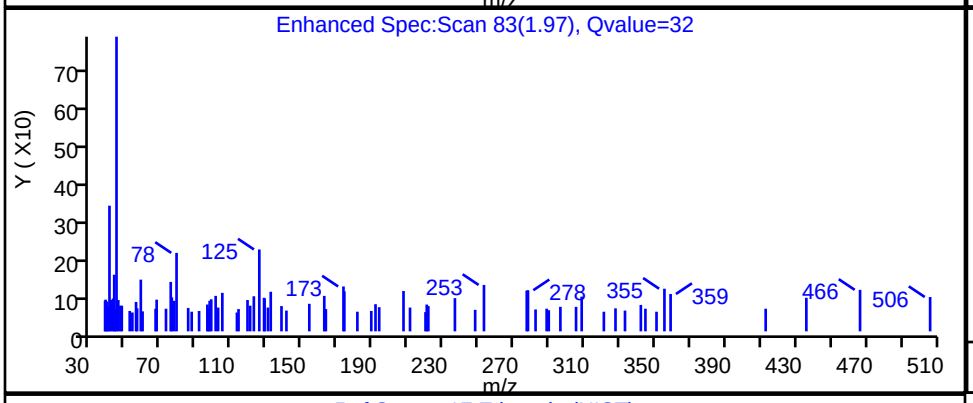
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

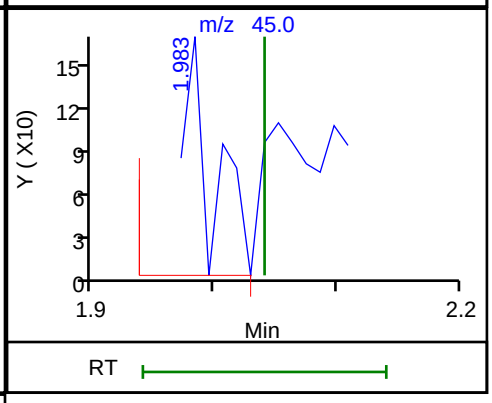
17 Ethanol, CAS: 64-17-5

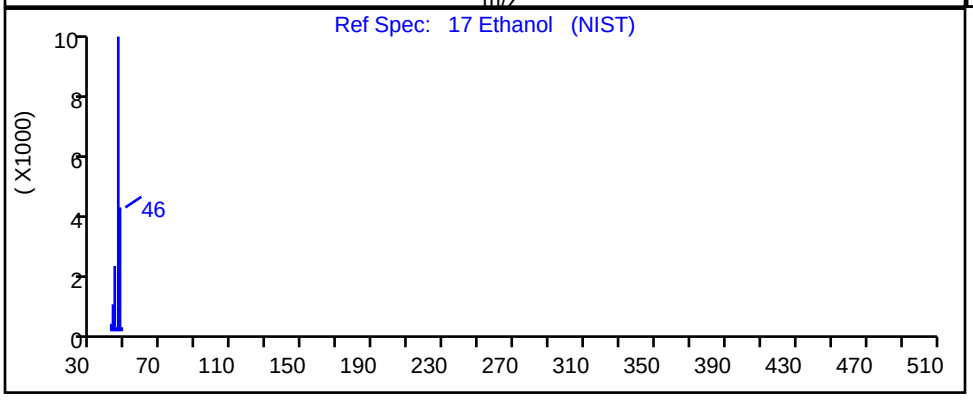
Processing Results











RT	Mass	Response	Amount
1.97	46.00	47	3.478741
1.98	45.00	379	

Reviewer: NN6A, 01-Jul-2022 12:42:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

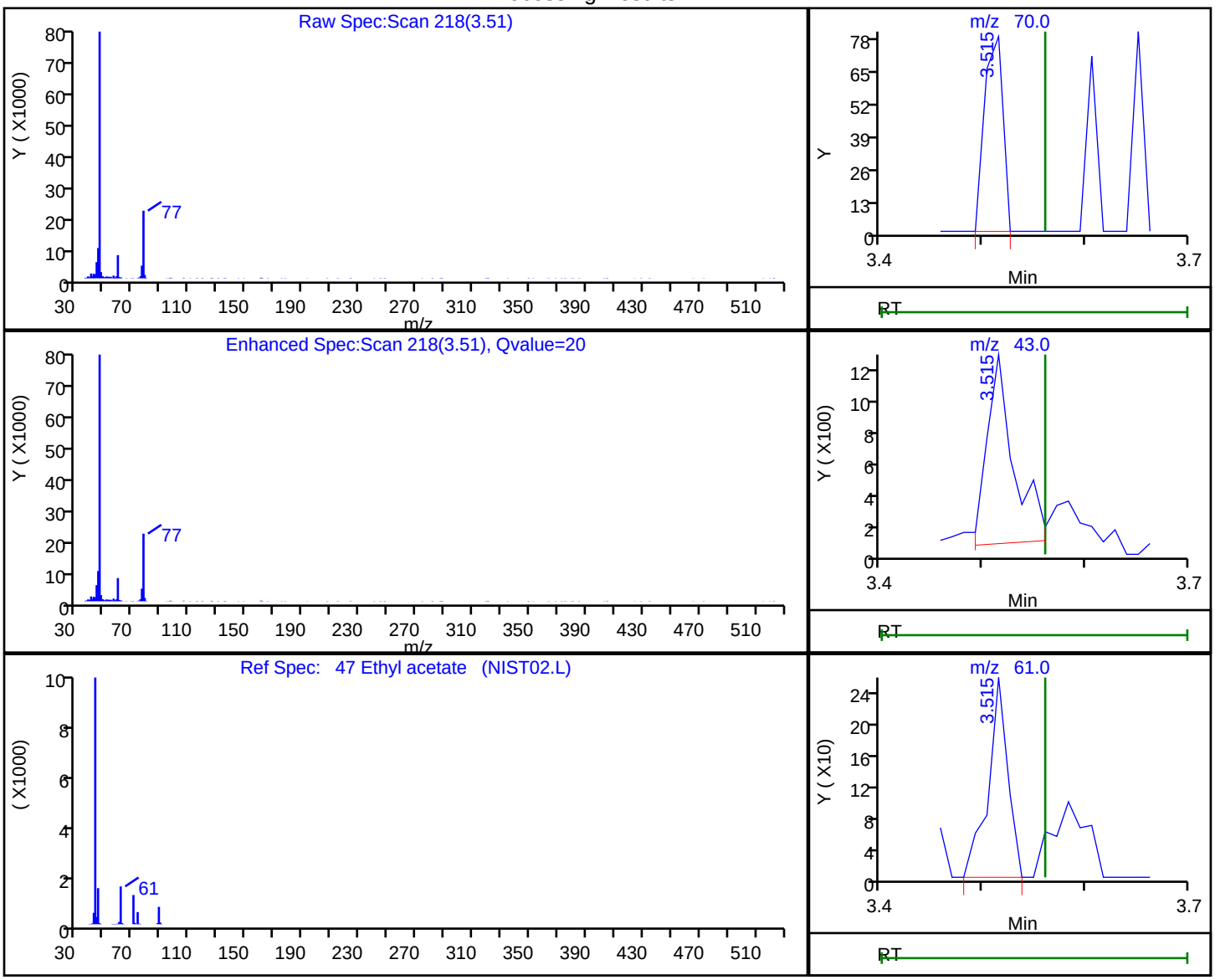
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.51	70.00	99	0.208339
3.51	43.00	2090	
3.51	61.00	338	

Reviewer: NN6A, 01-Jul-2022 12:42:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

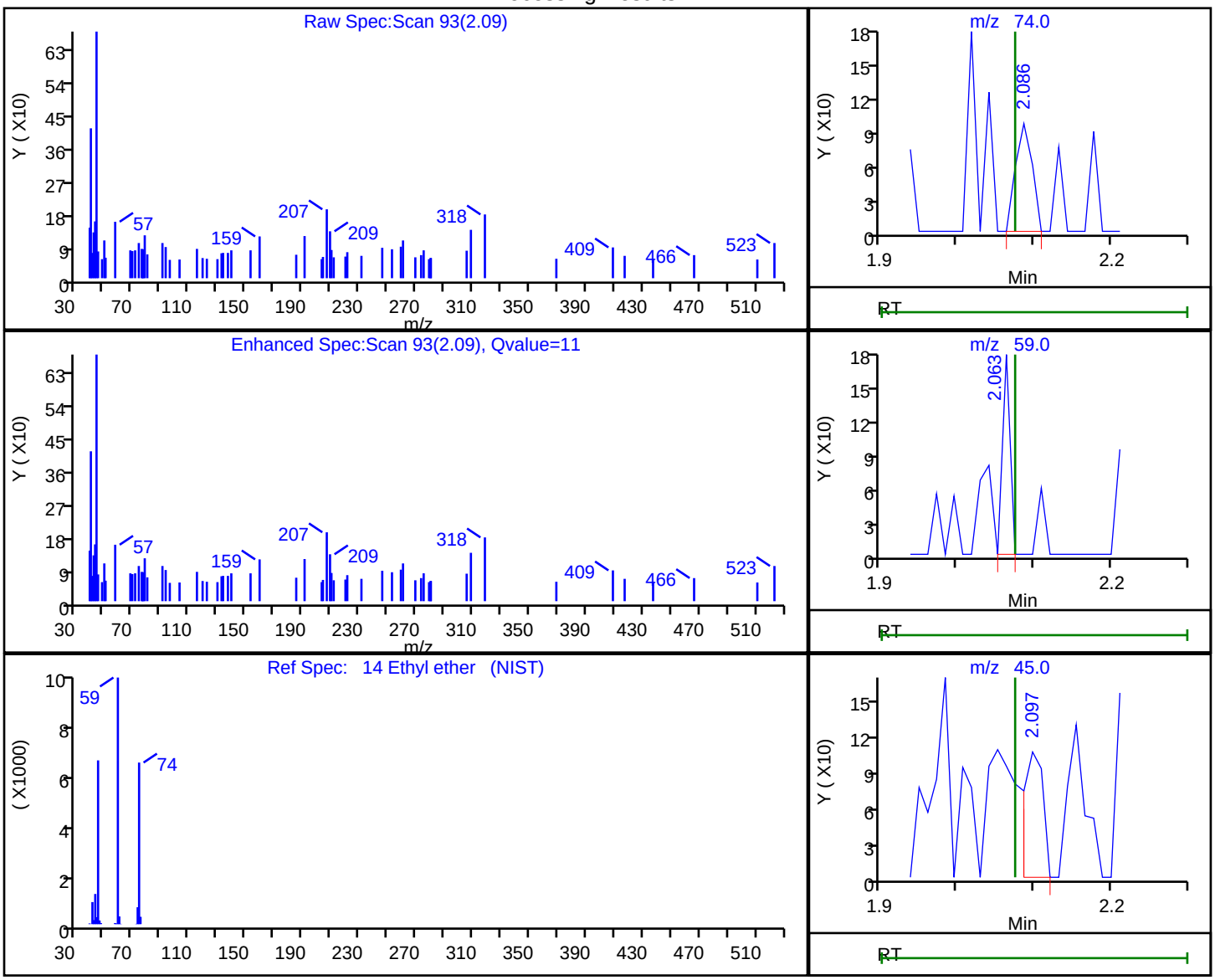
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

14 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.09	74.00	145	0.052841
2.06	59.00	120	
2.10	45.00	186	

Reviewer: NN6A, 01-Jul-2022 12:42:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

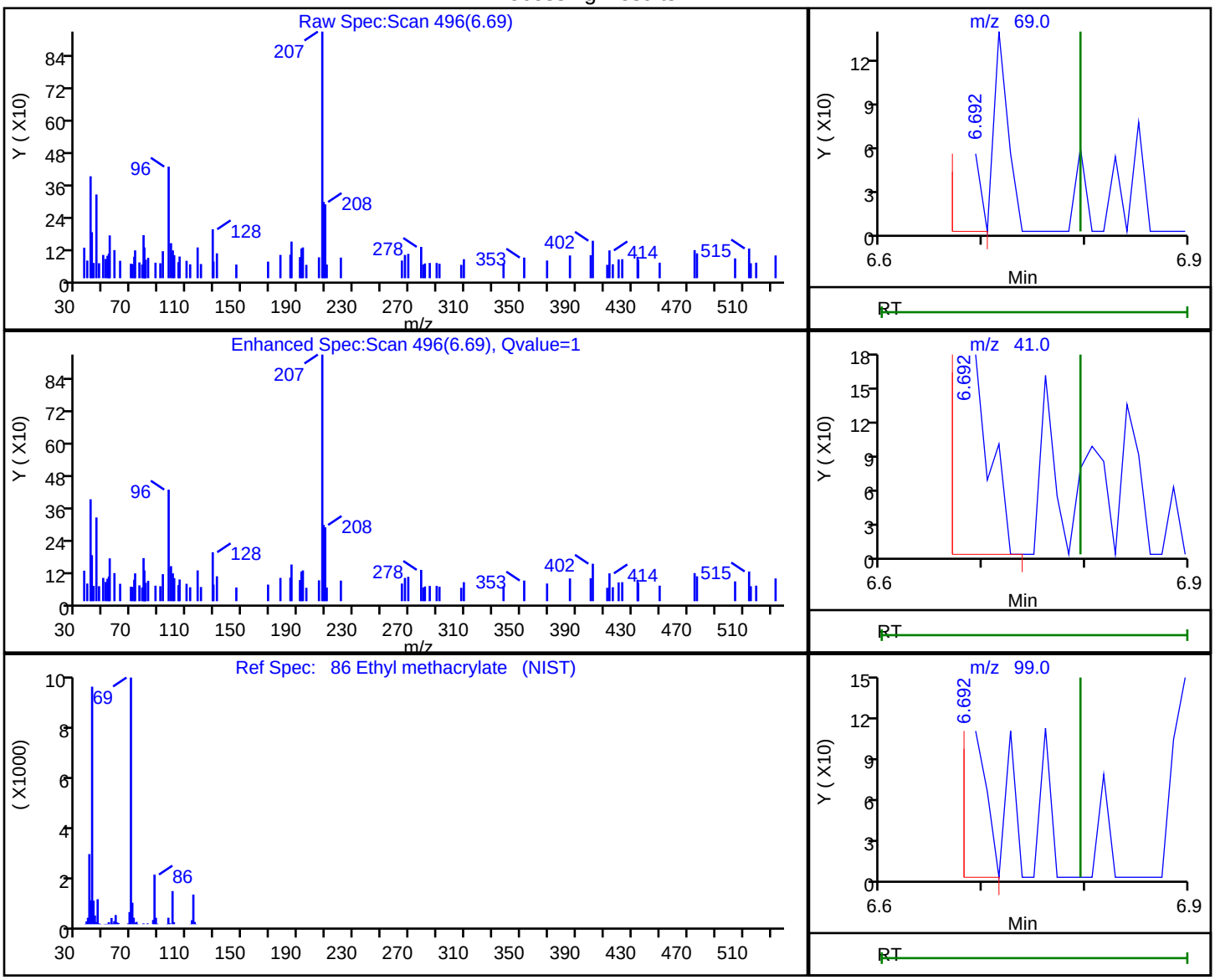
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.69	69.00	37	0.006544
6.69	41.00	305	
6.69	99.00	113	

Reviewer: NN6A, 01-Jul-2022 12:43:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

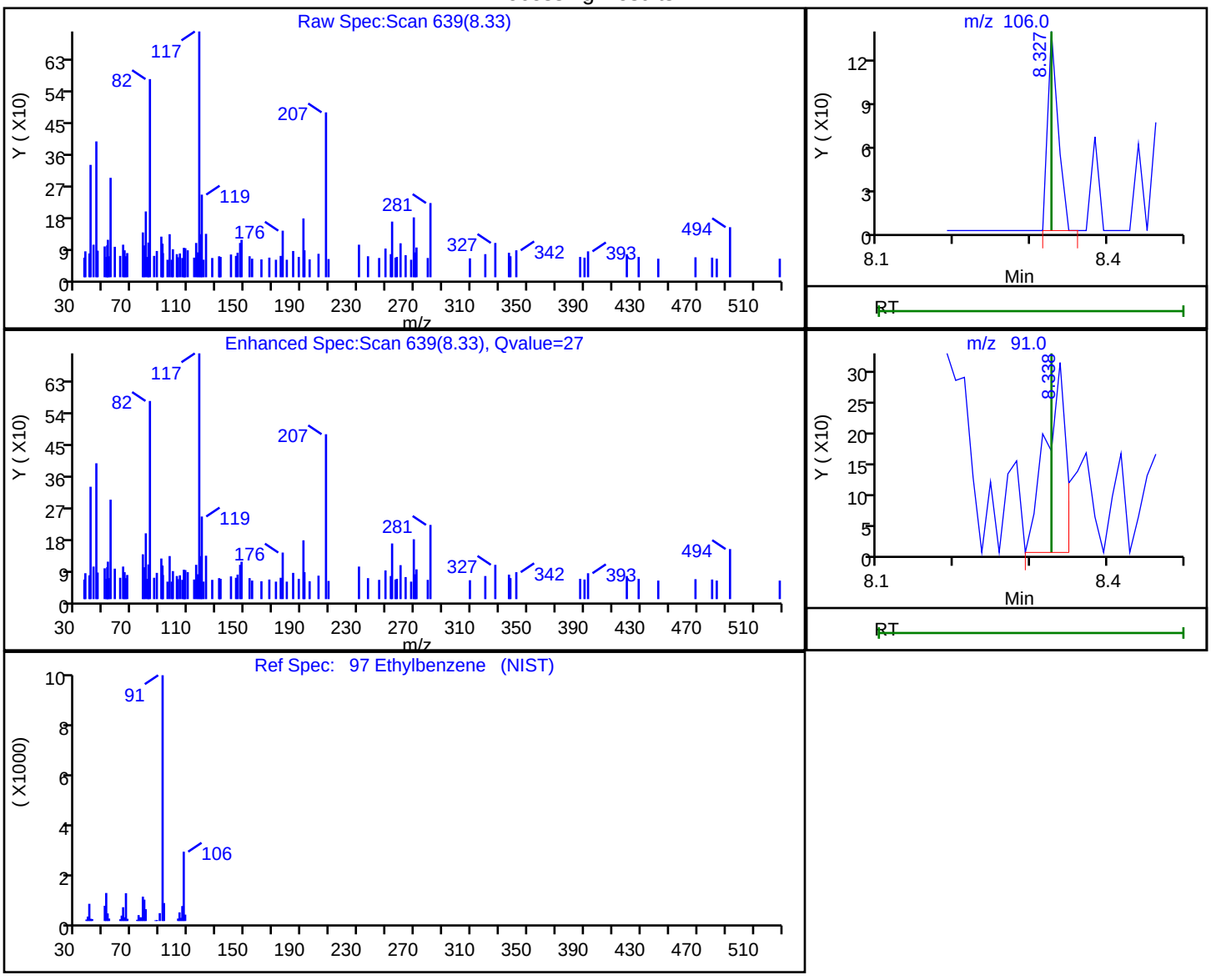
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.33	106.00	131	0.018331
8.34	91.00	578	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

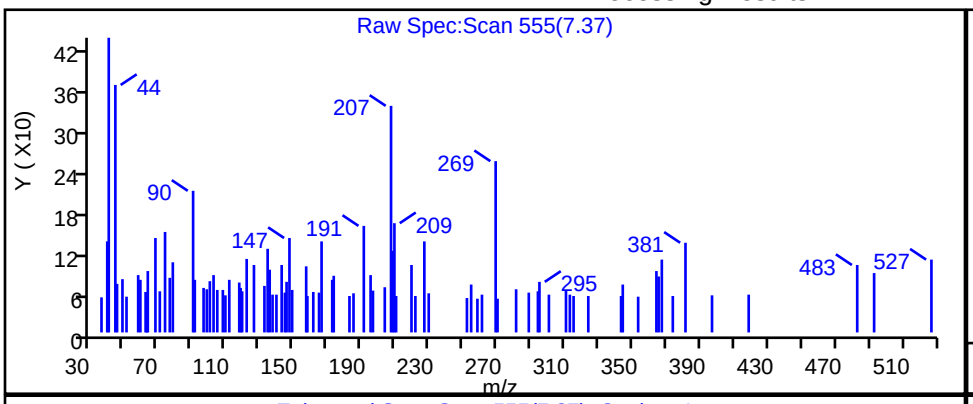
User Disabled Compound Report

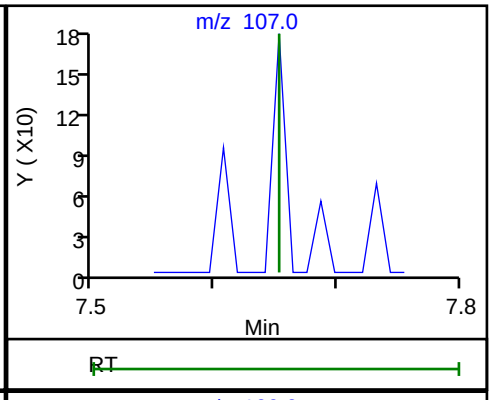
Eurofins Edison

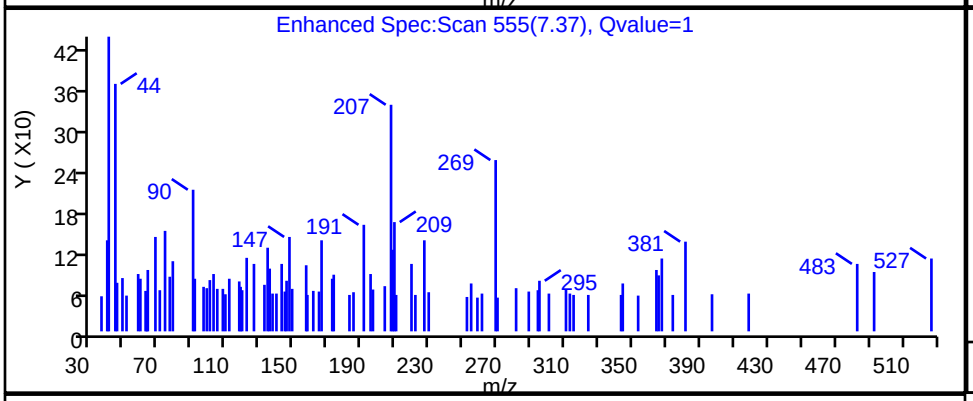
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

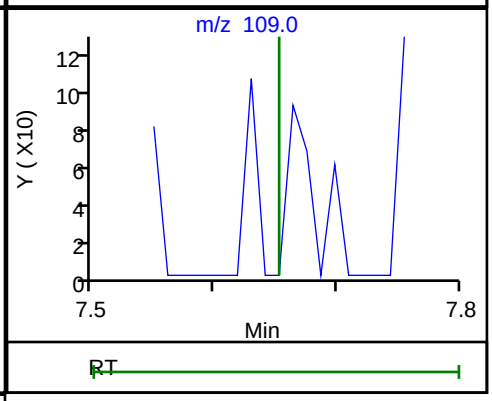
93 Ethylene Dibromide, CAS: 106-93-4

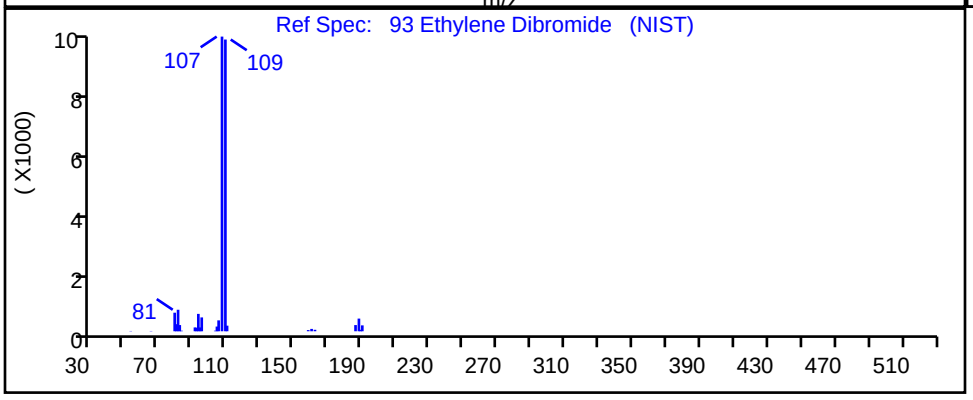
Processing Results











RT	Mass	Response	Amount
7.37	107.00	82	0.018294
7.38	109.00	93	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

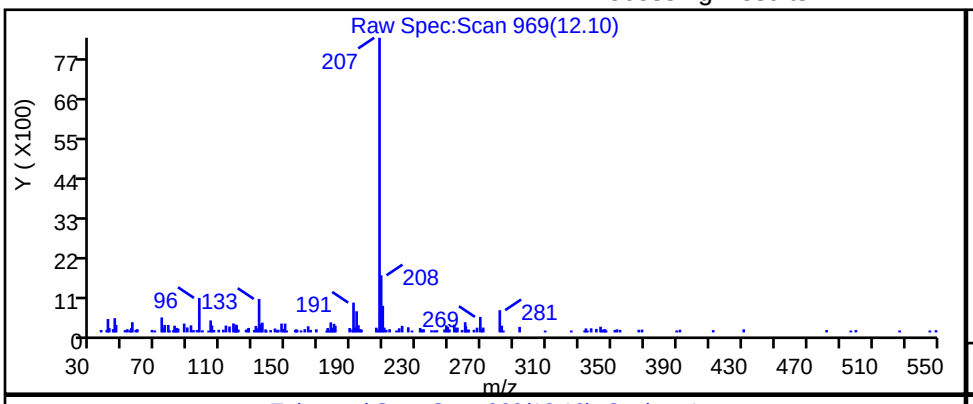
User Disabled Compound Report

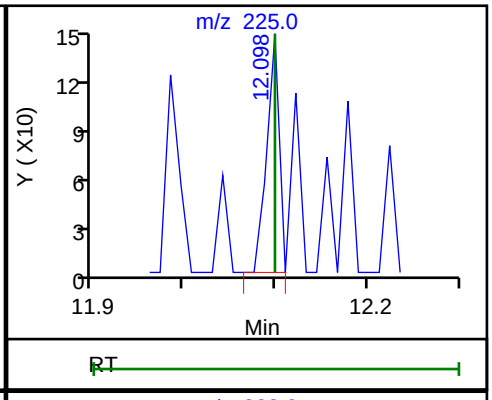
Eurofins Edison

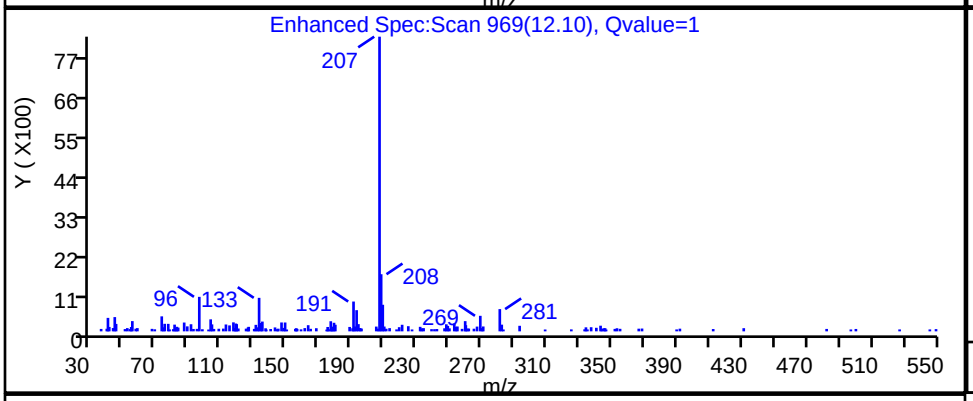
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

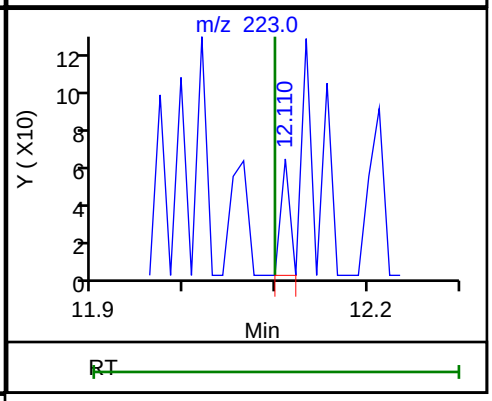
133 Hexachlorobutadiene, CAS: 87-68-3

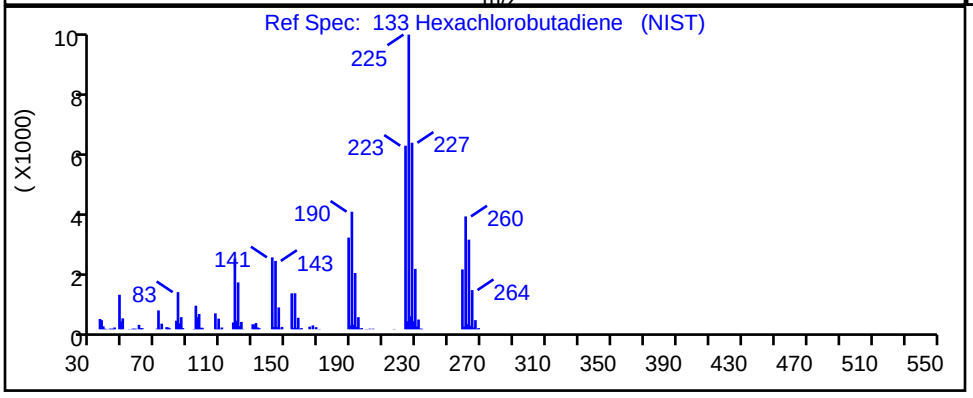
Processing Results











RT	Mass	Response	Amount
12.10	225.00	136	0.086850
12.11	223.00	41	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

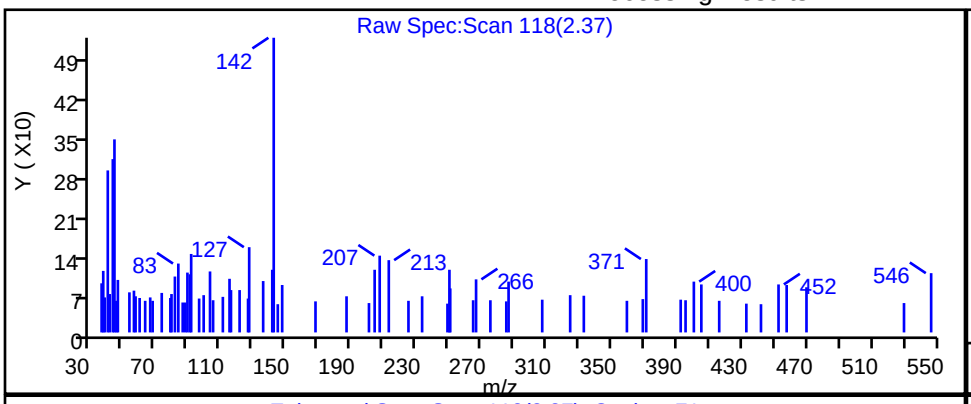
User Disabled Compound Report

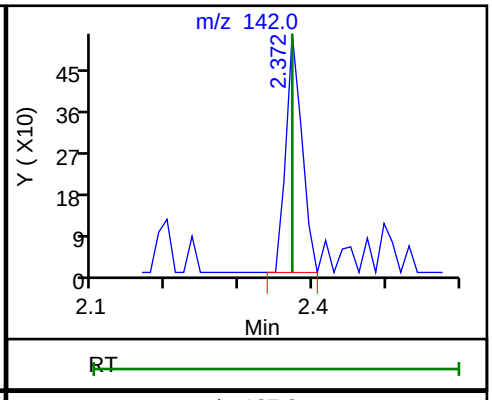
Eurofins Edison

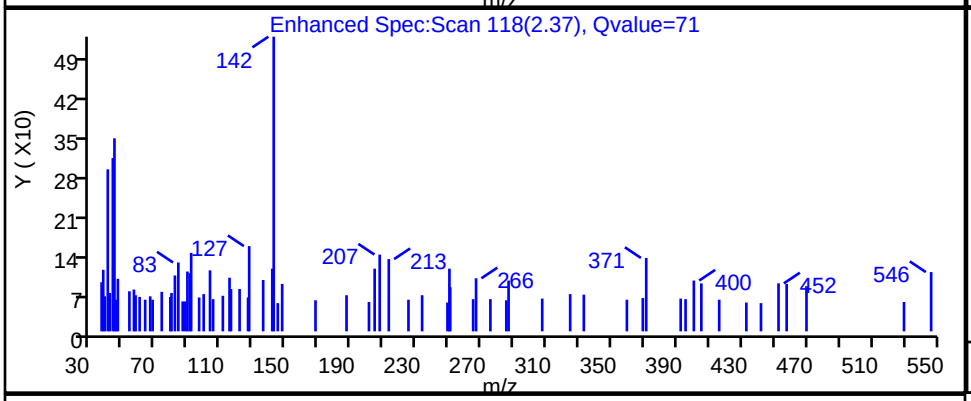
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

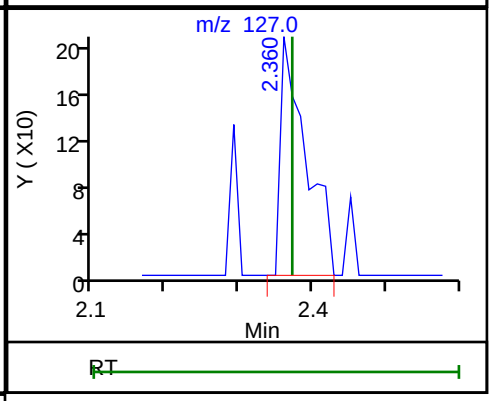
21 Iodomethane, CAS: 74-88-4

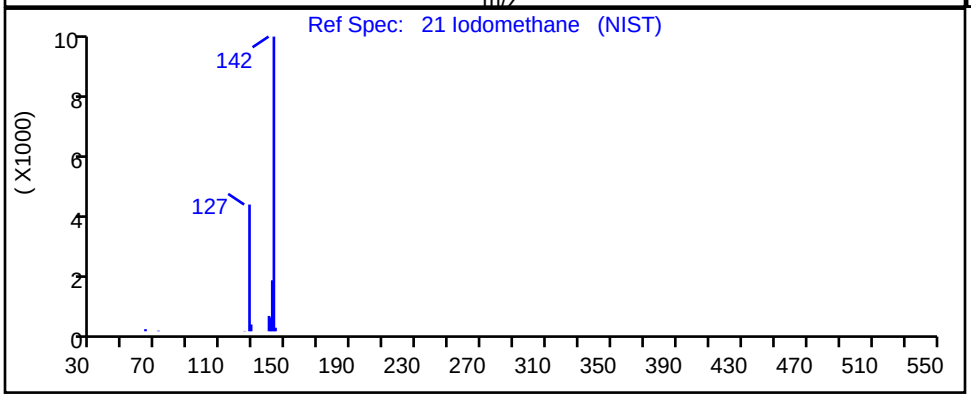
Processing Results











RT	Mass	Response	Amount
2.37	142.00	791	0.112503
2.36	127.00	487	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

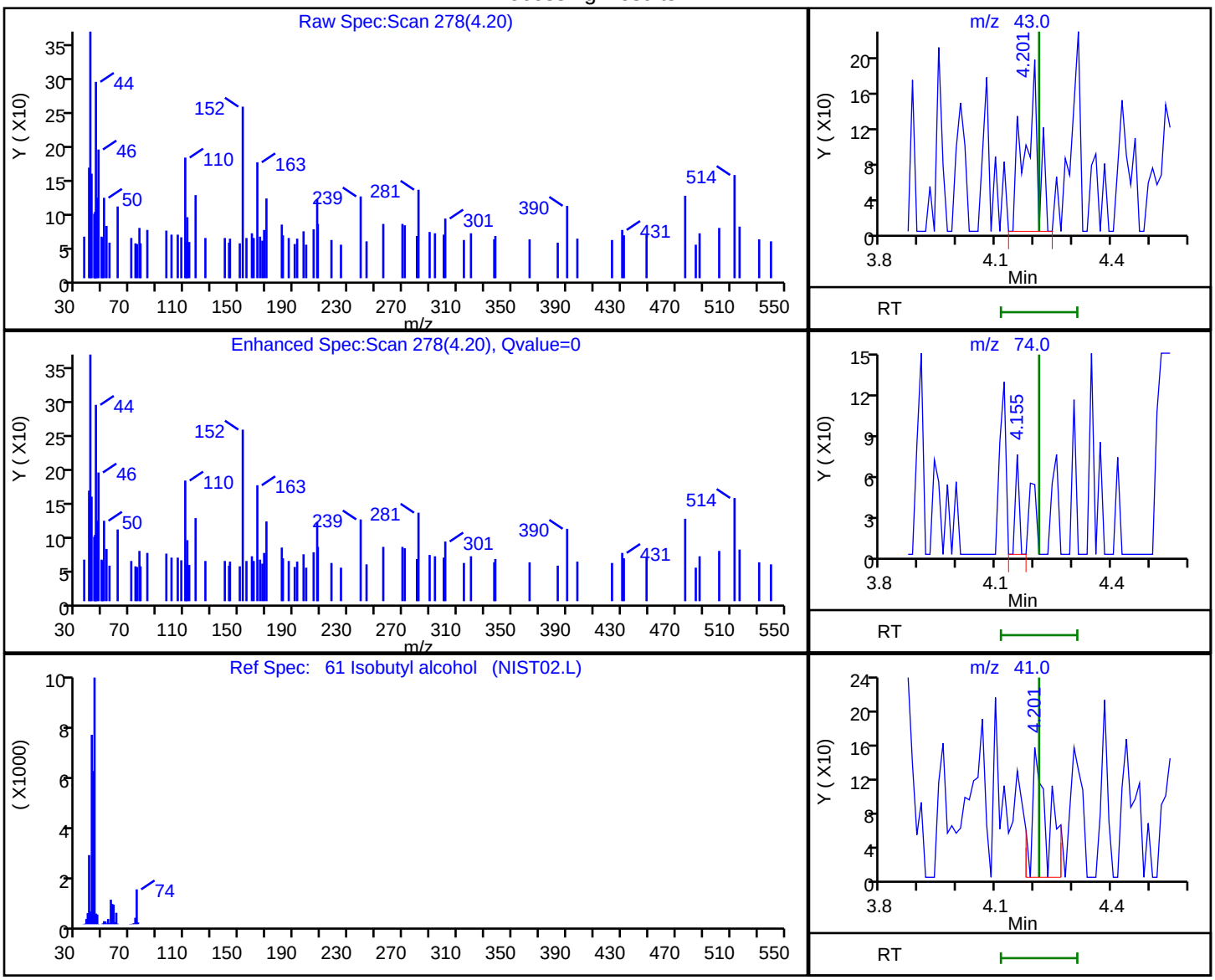
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.20	43.00	475	2.477038
4.15	74.00	50	
4.20	41.00	455	

Reviewer: NN6A, 01-Jul-2022 12:42:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

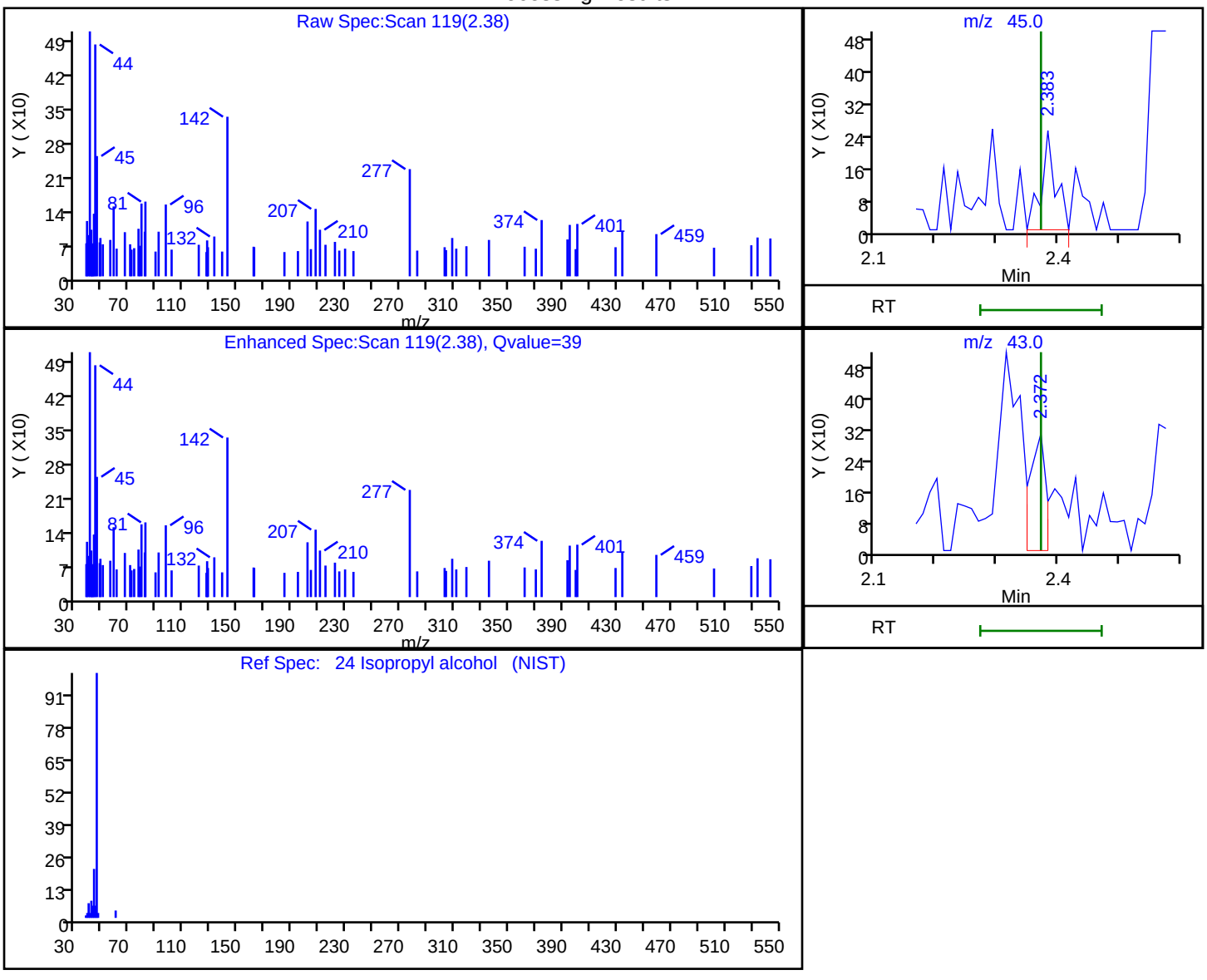
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.38	45.00	406	2.431241
2.37	43.00	577	

Reviewer: NN6A, 01-Jul-2022 12:42:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

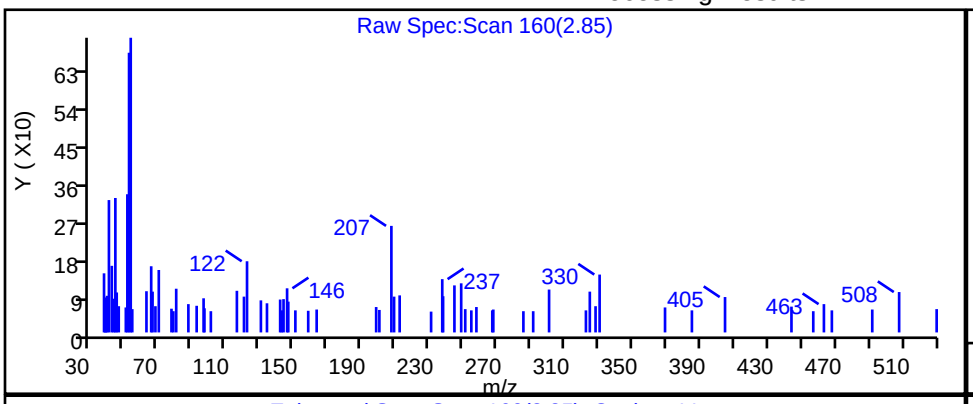
User Disabled Compound Report

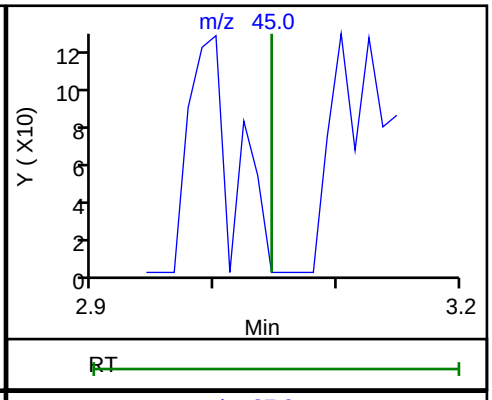
Eurofins Edison

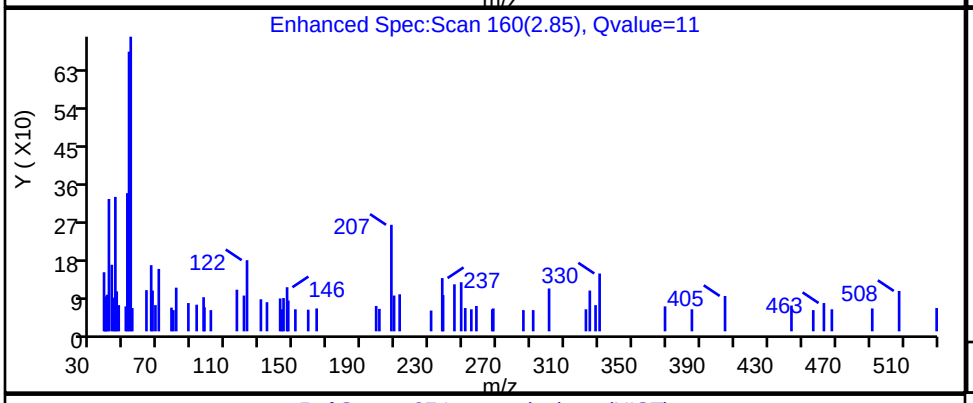
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

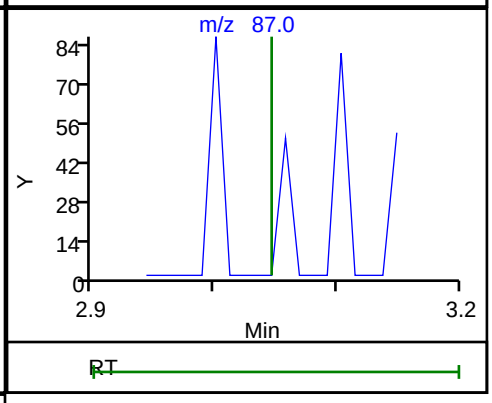
37 Isopropyl ether, CAS: 108-20-3

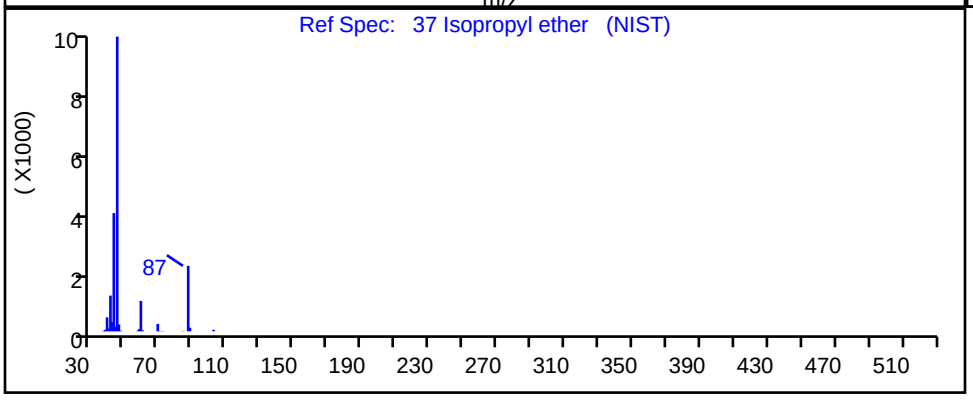
Processing Results











RT	Mass	Response	Amount
2.85	45.00	103	0.007669
2.86	87.00	186	

Reviewer: NN6A, 01-Jul-2022 12:42:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

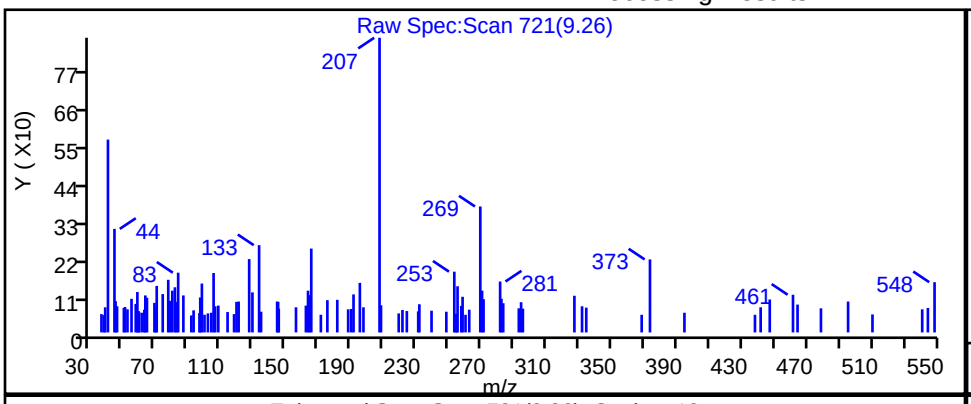
User Disabled Compound Report

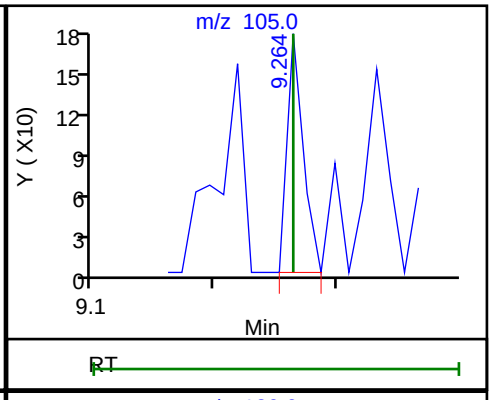
Eurofins Edison

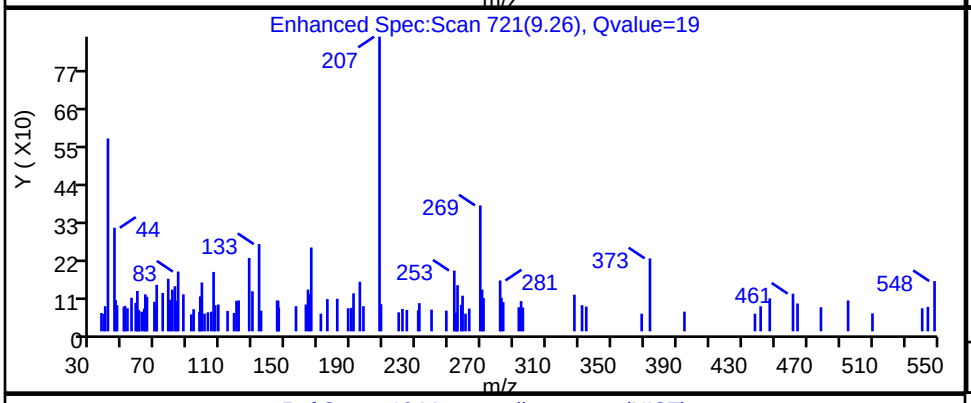
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

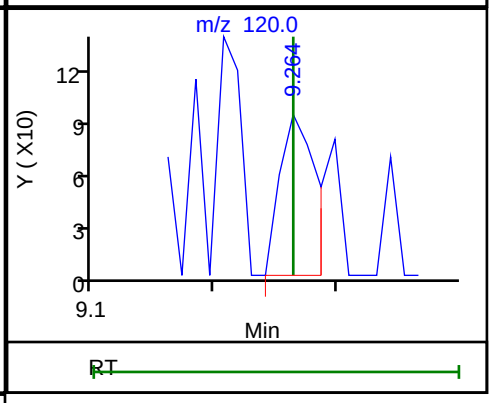
104 Isopropylbenzene, CAS: 98-82-8

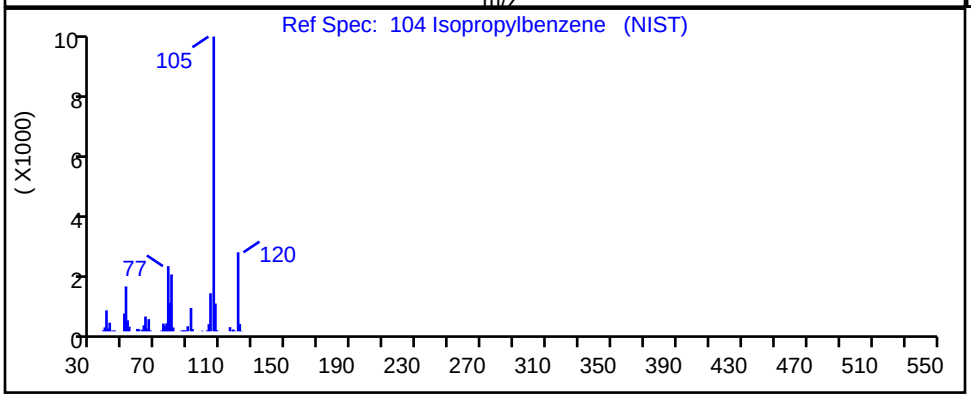
Processing Results











RT	Mass	Response	Amount
9.26	105.00	160	0.007406
9.26	120.00	187	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

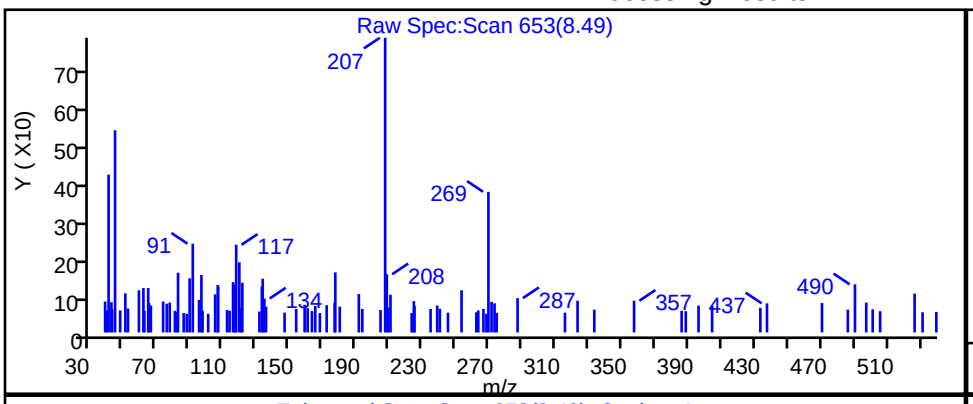
User Disabled Compound Report

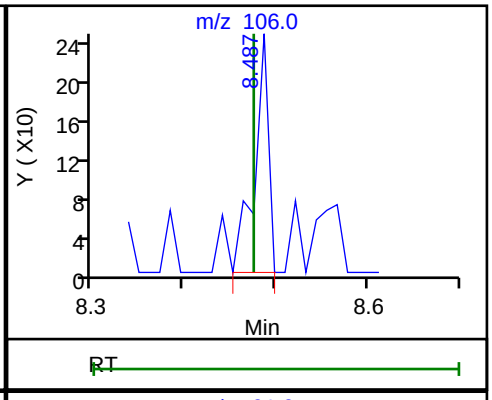
Eurofins Edison

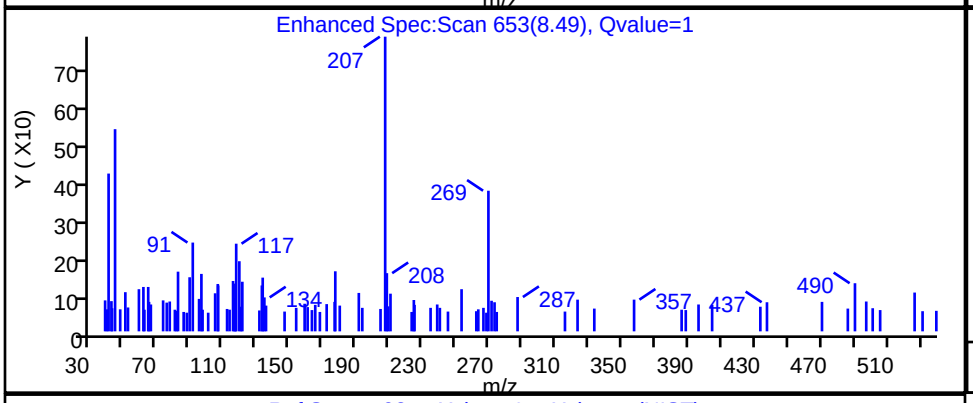
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

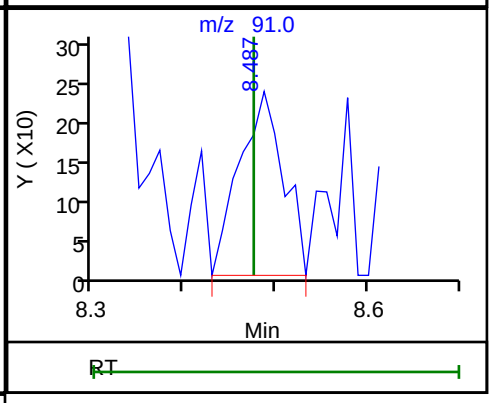
98 m-Xylene & p-Xylene, CAS: 179601-23-1

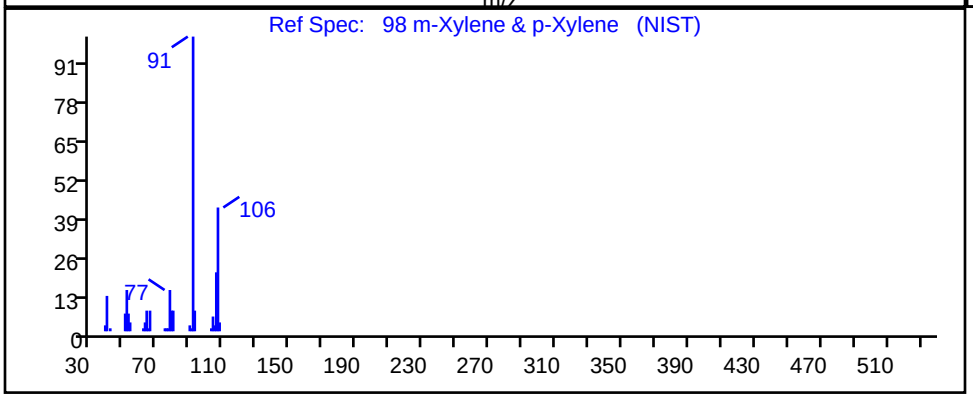
Processing Results











RT	Mass	Response	Amount
8.49	106.00	265	0.030350
8.49	91.00	800	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

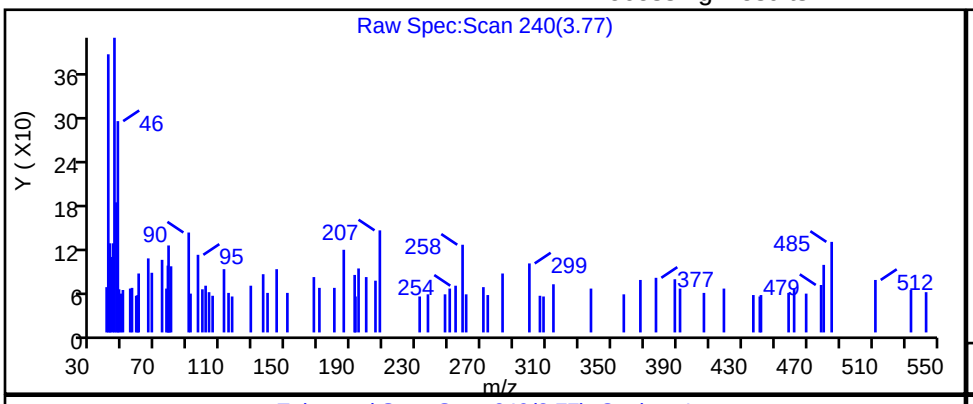
User Disabled Compound Report

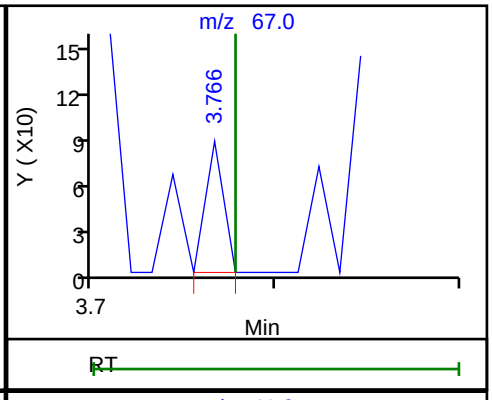
Eurofins Edison

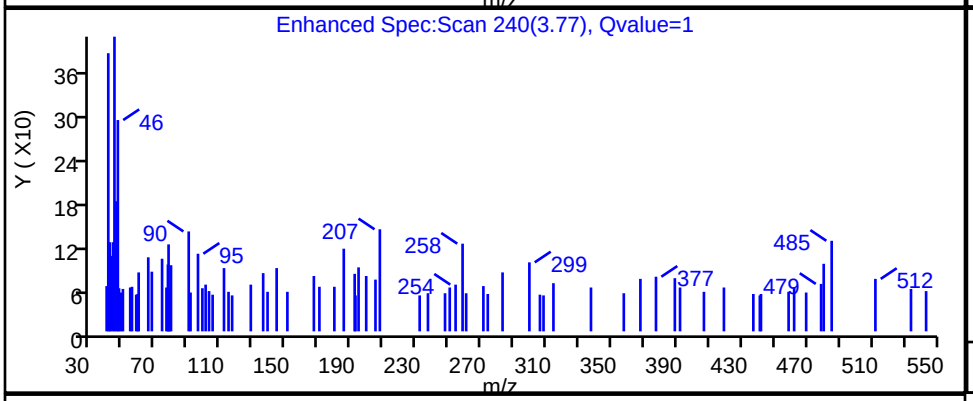
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

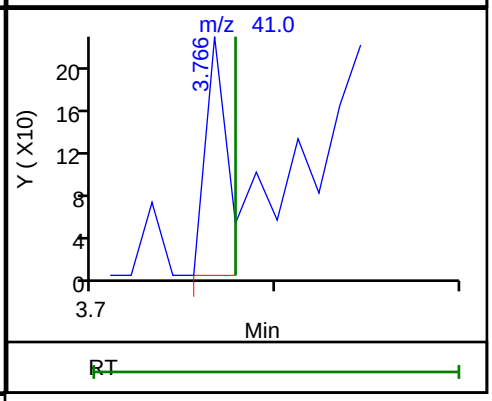
54 Methacrylonitrile, CAS: 126-98-7

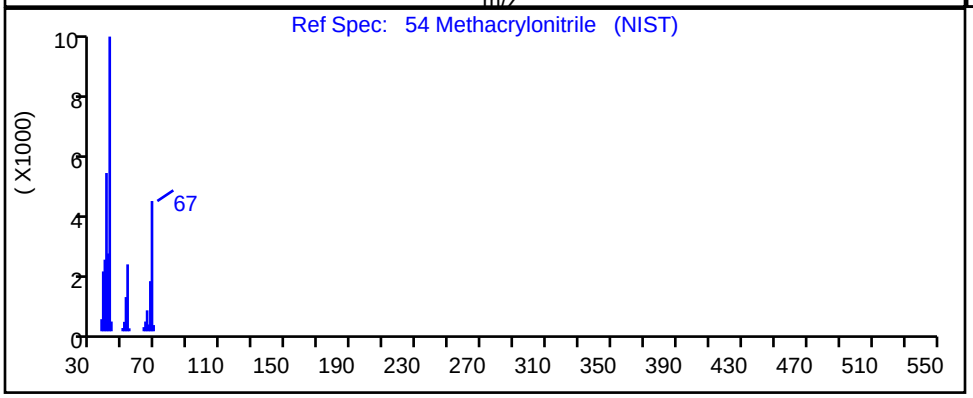
Processing Results











RT	Mass	Response	Amount
3.77	67.00	57	0.025385
3.77	41.00	191	

Reviewer: NN6A, 01-Jul-2022 12:42:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

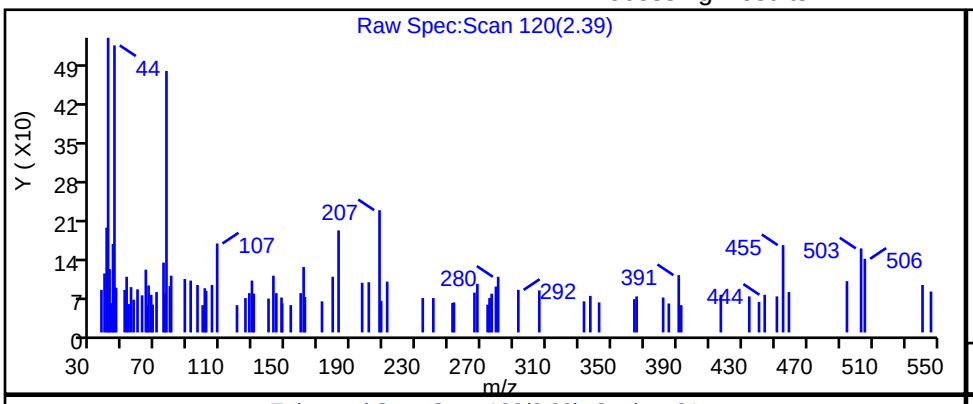
User Disabled Compound Report

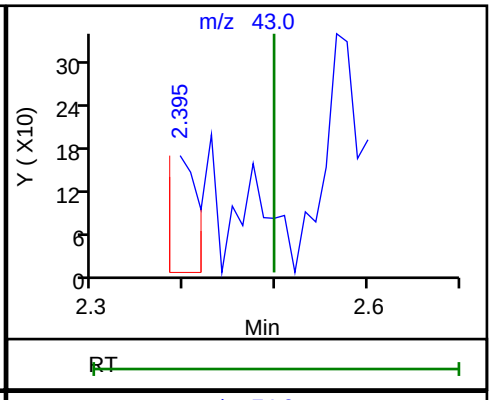
Eurofins Edison

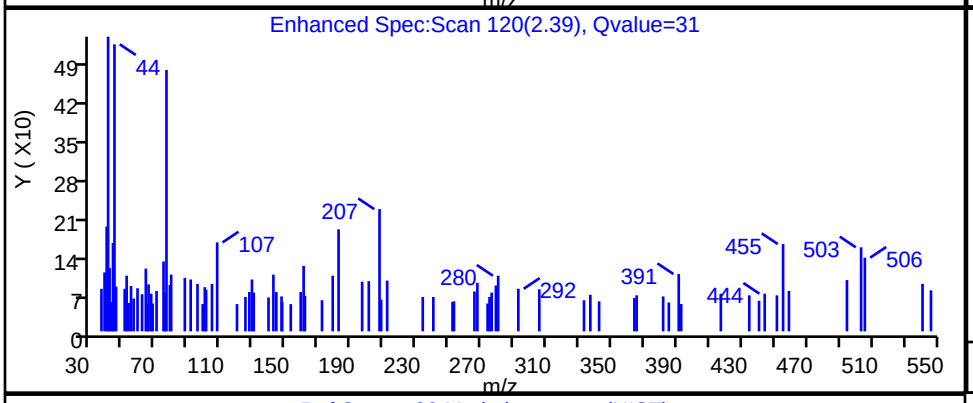
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

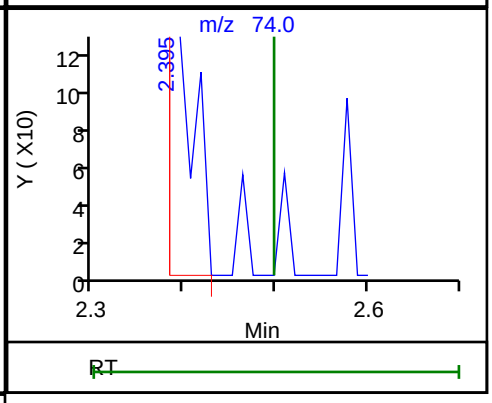
30 Methyl acetate, CAS: 79-20-9

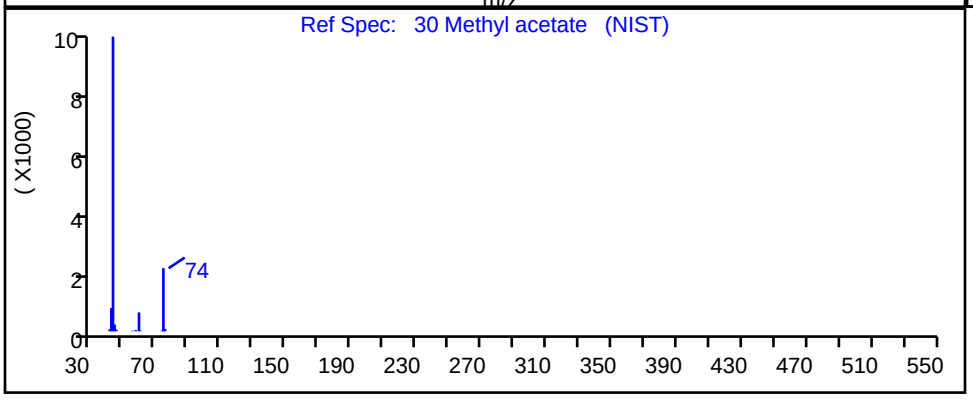
Processing Results











RT	Mass	Response	Amount
2.39	43.00	355	0.098389
2.39	74.00	198	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

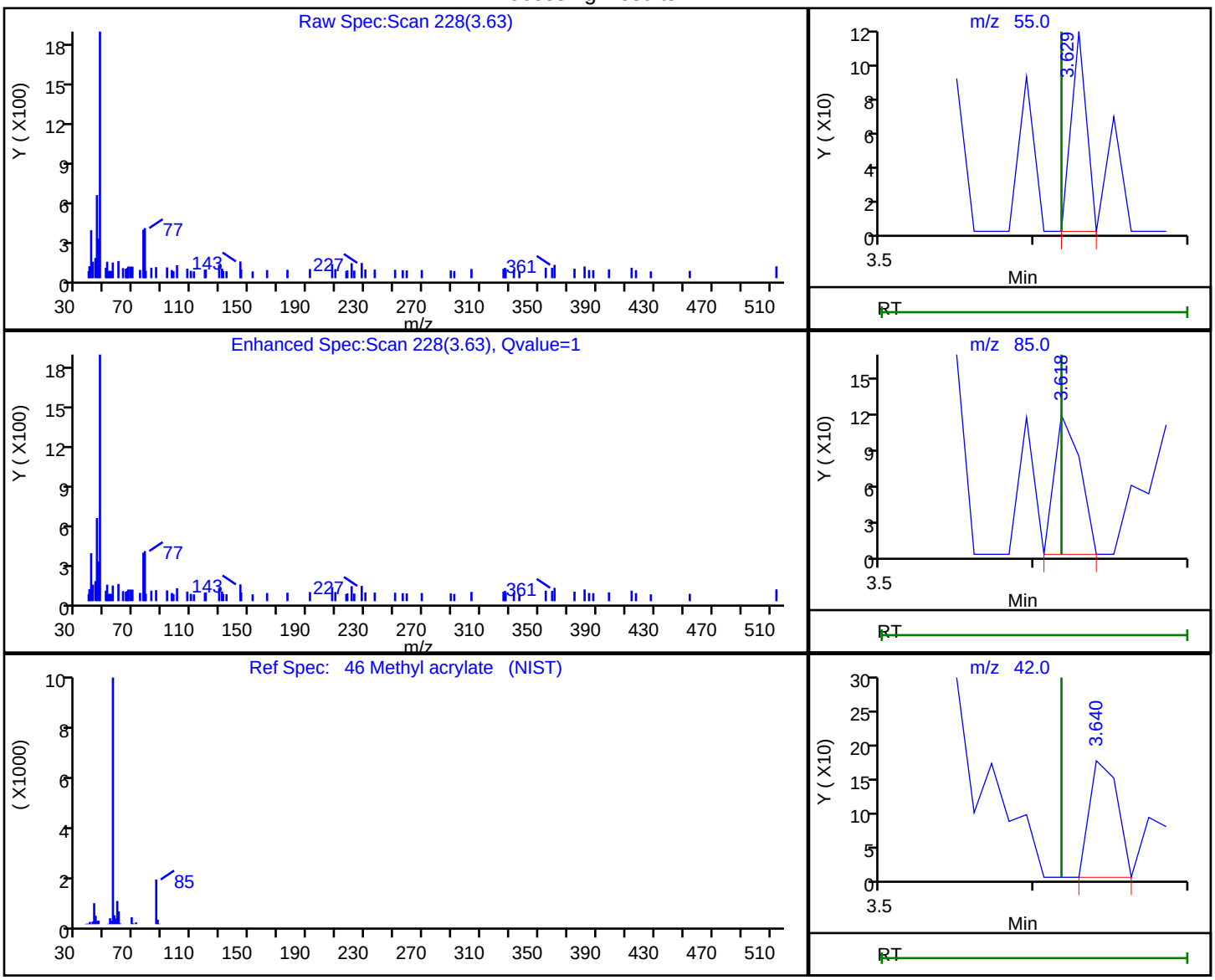
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

46 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.63	55.00	79	0.183863
3.62	85.00	134	
3.64	42.00	222	

Reviewer: NN6A, 01-Jul-2022 12:42:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

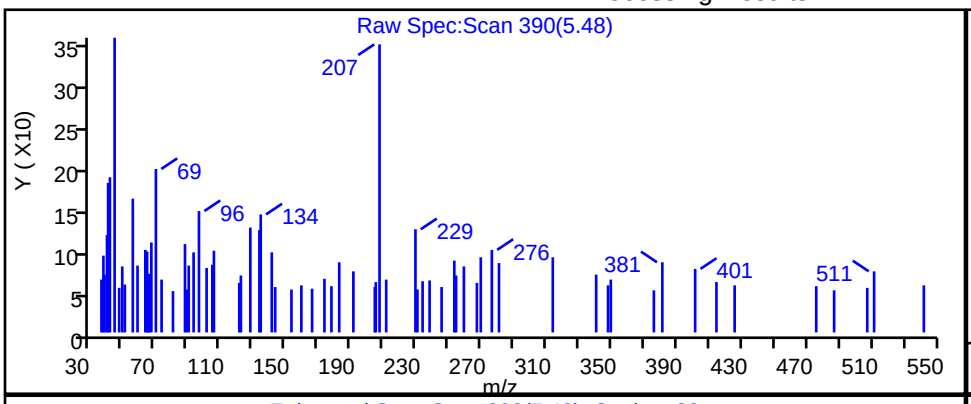
User Disabled Compound Report

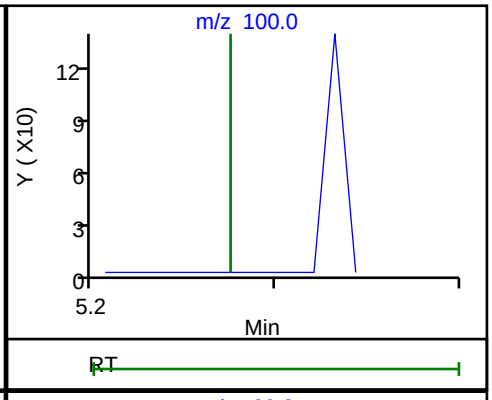
Eurofins Edison

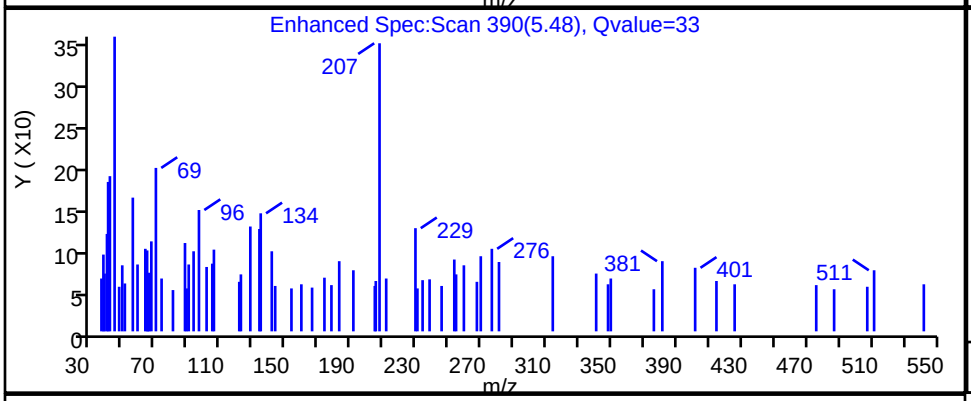
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

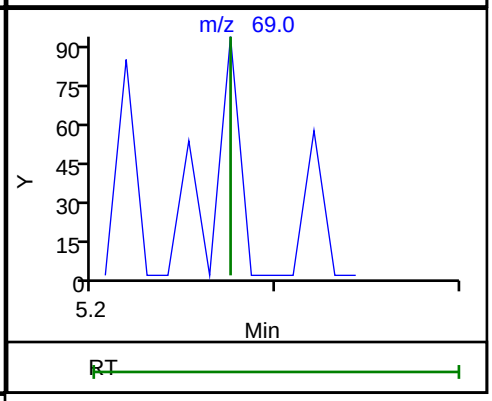
74 Methyl methacrylate, CAS: 80-62-6

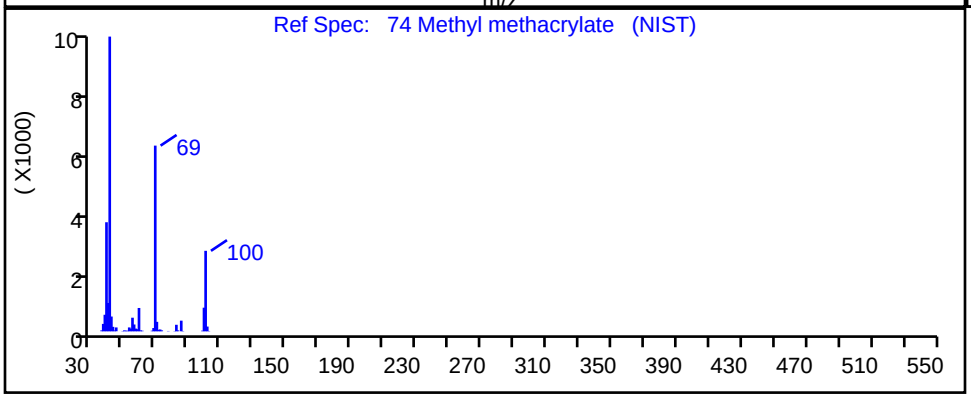
Processing Results











RT	Mass	Response	Amount
5.48	100.00	54	0.034697
5.48	69.00	136	

Reviewer: NN6A, 01-Jul-2022 12:43:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

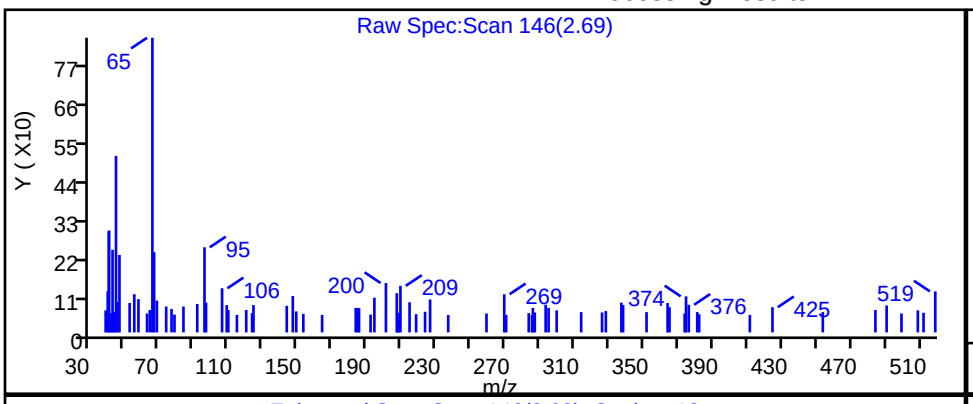
User Disabled Compound Report

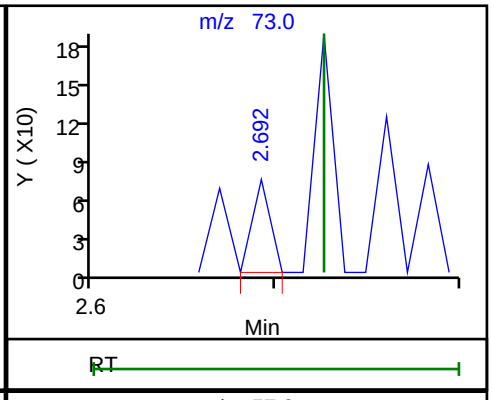
Eurofins Edison

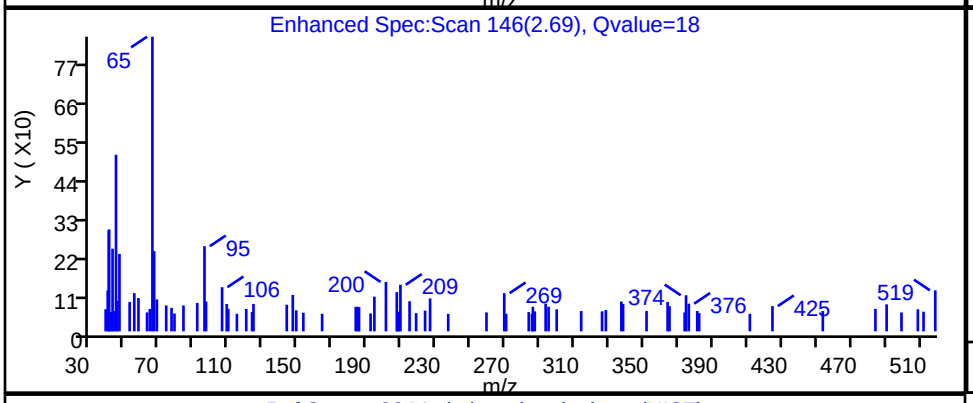
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

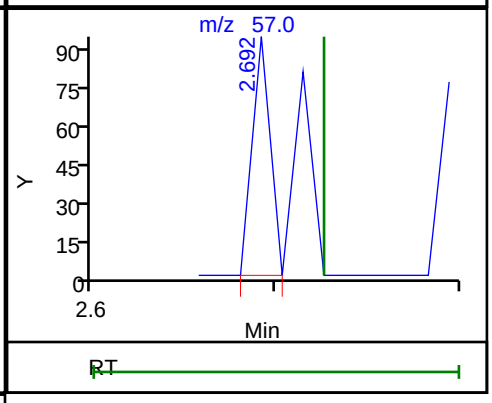
32 Methyl tert-butyl ether, CAS: 1634-04-4

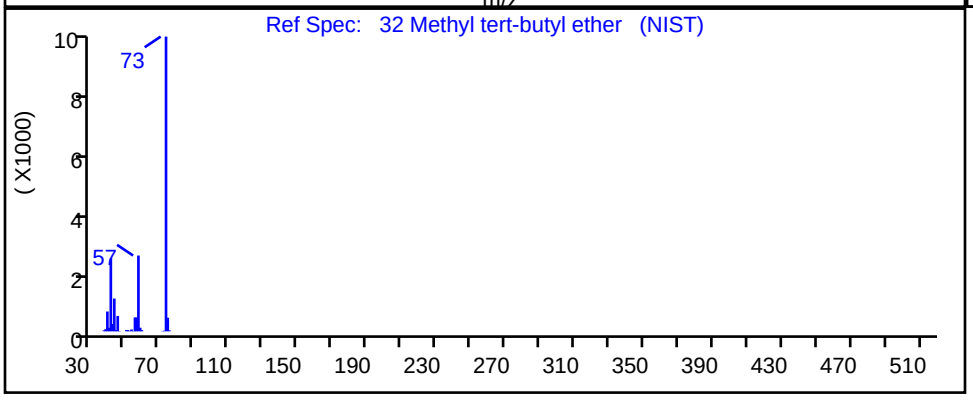
Processing Results











RT	Mass	Response	Amount
2.69	73.00	51	0.003608
2.69	57.00	65	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

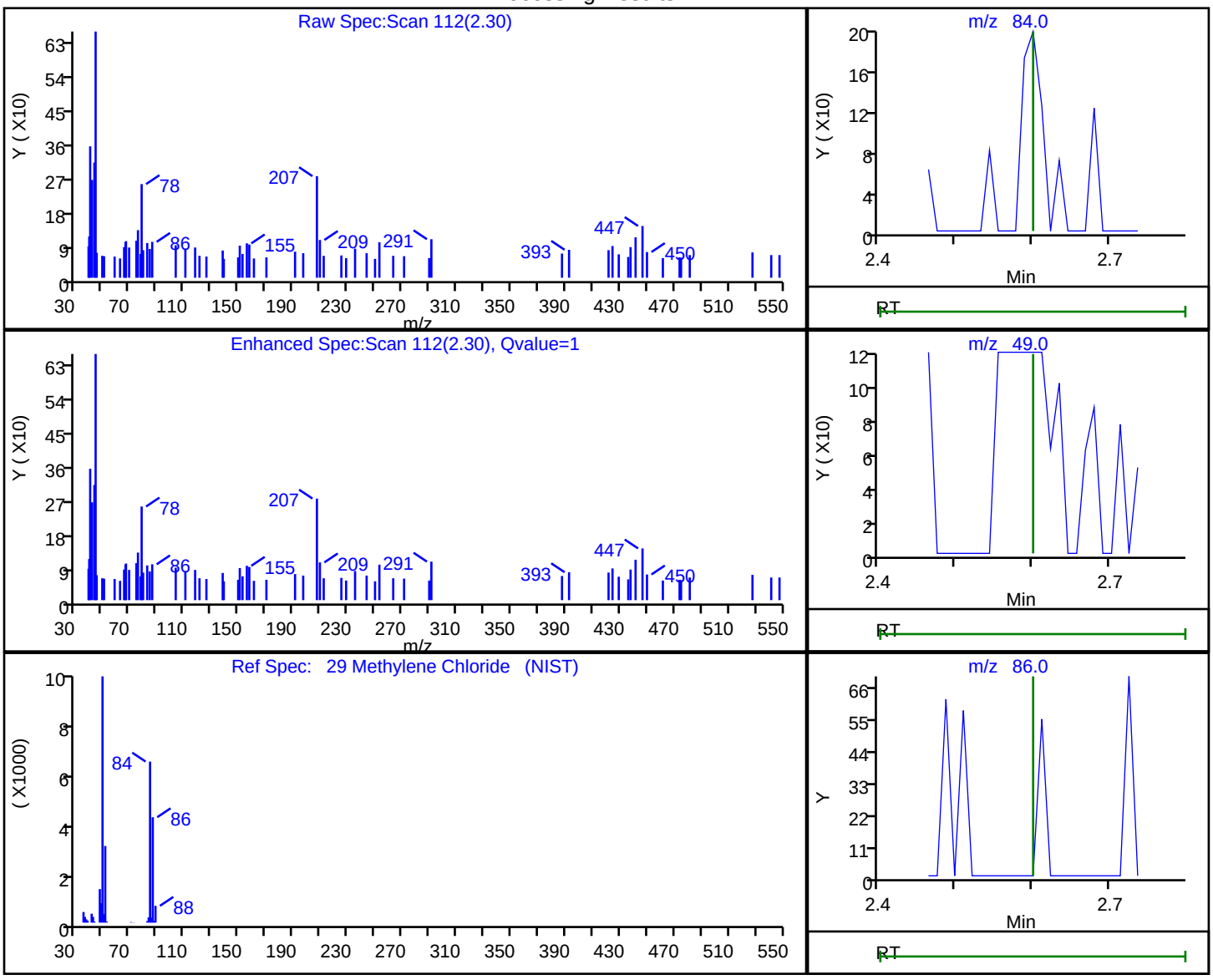
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

29 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.30	84.00	88	0.019335
2.30	49.00	40	
2.33	86.00	82	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

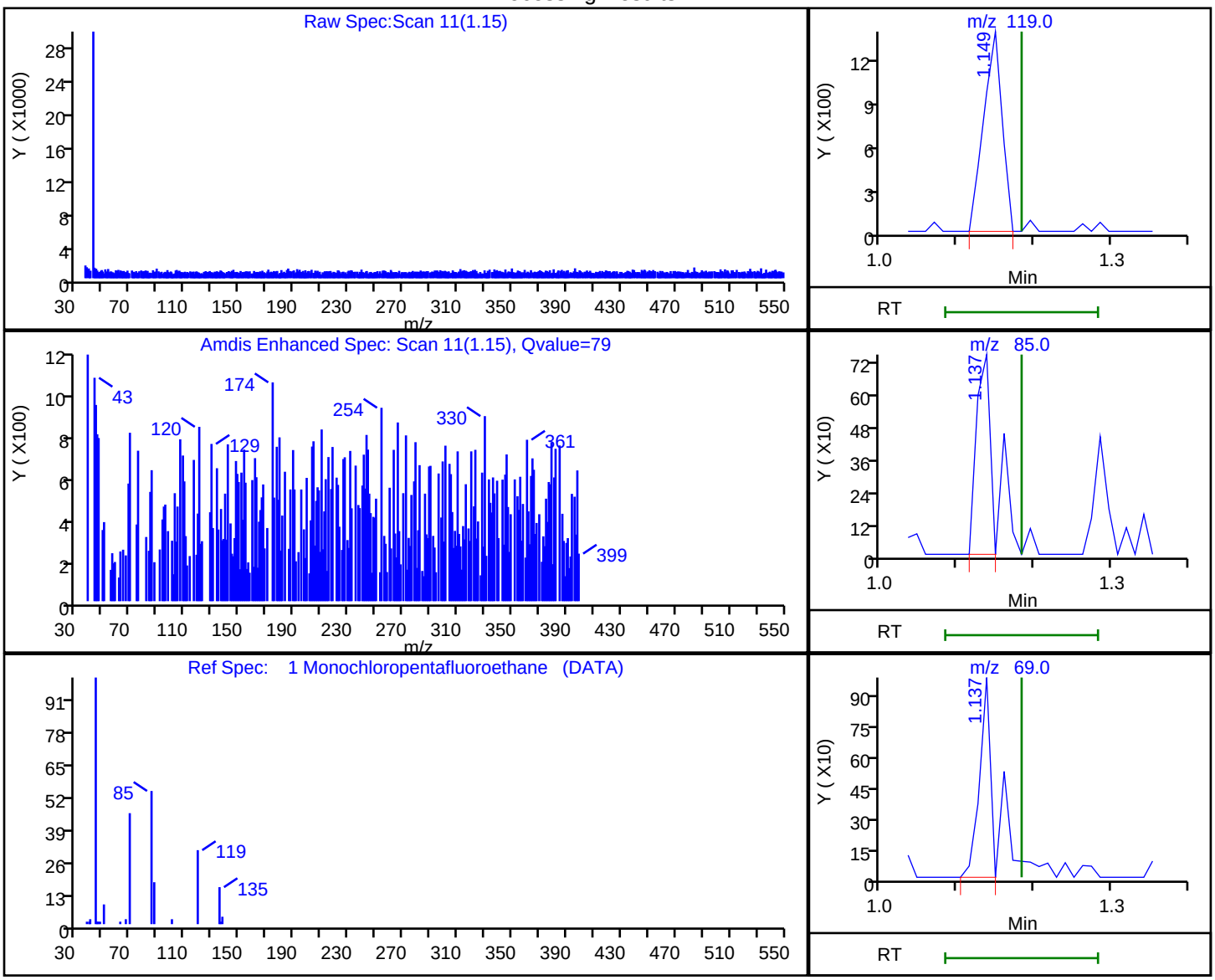
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
1.15	119.00	2311	-5.090510
1.14	85.00	923	
1.14	69.00	964	
1.15	135.00	2672	

Reviewer: NN6A, 01-Jul-2022 12:42:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

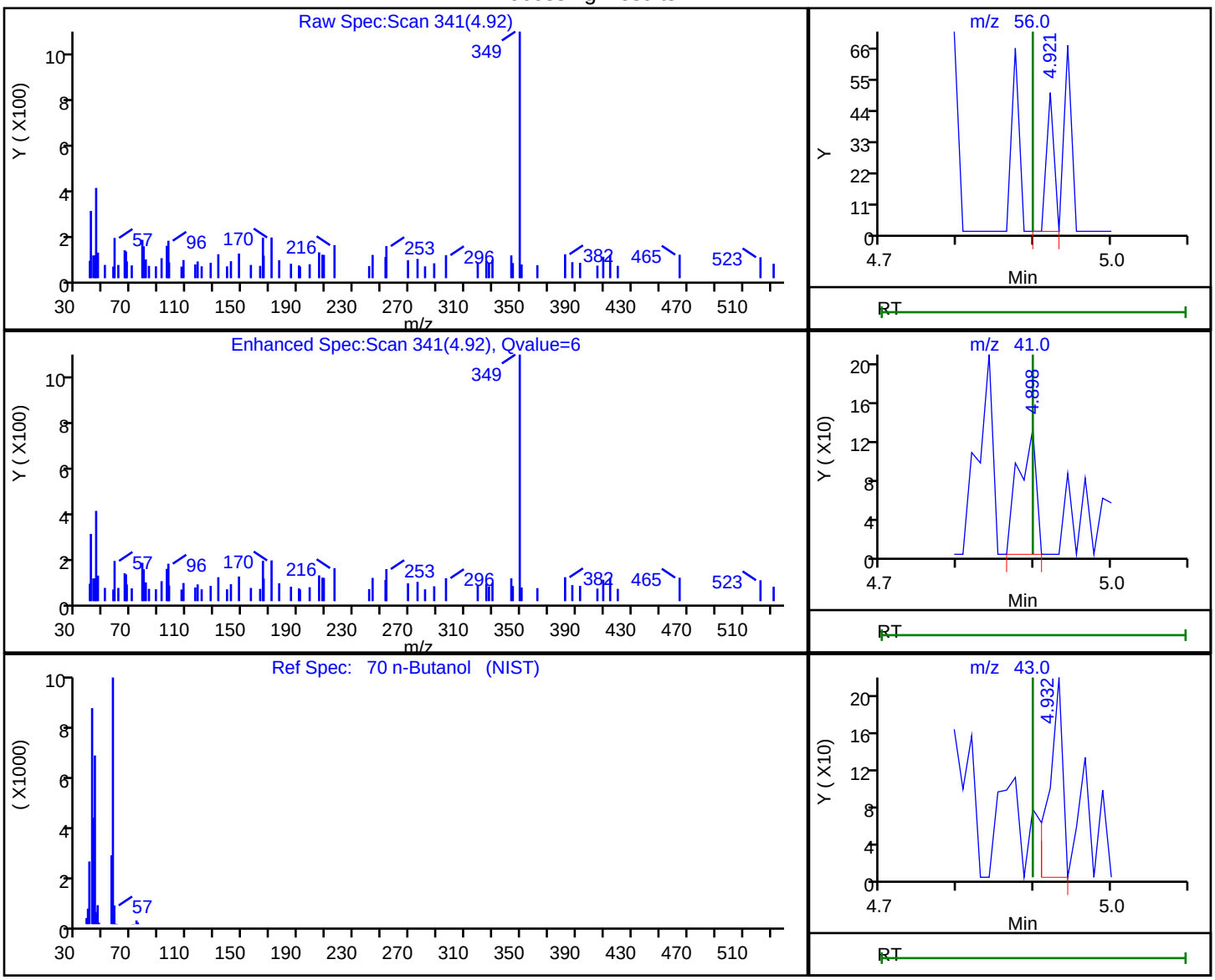
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.92	56.00	34	0.658750
4.90	41.00	210	
4.93	43.00	259	

Reviewer: NN6A, 01-Jul-2022 12:42:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

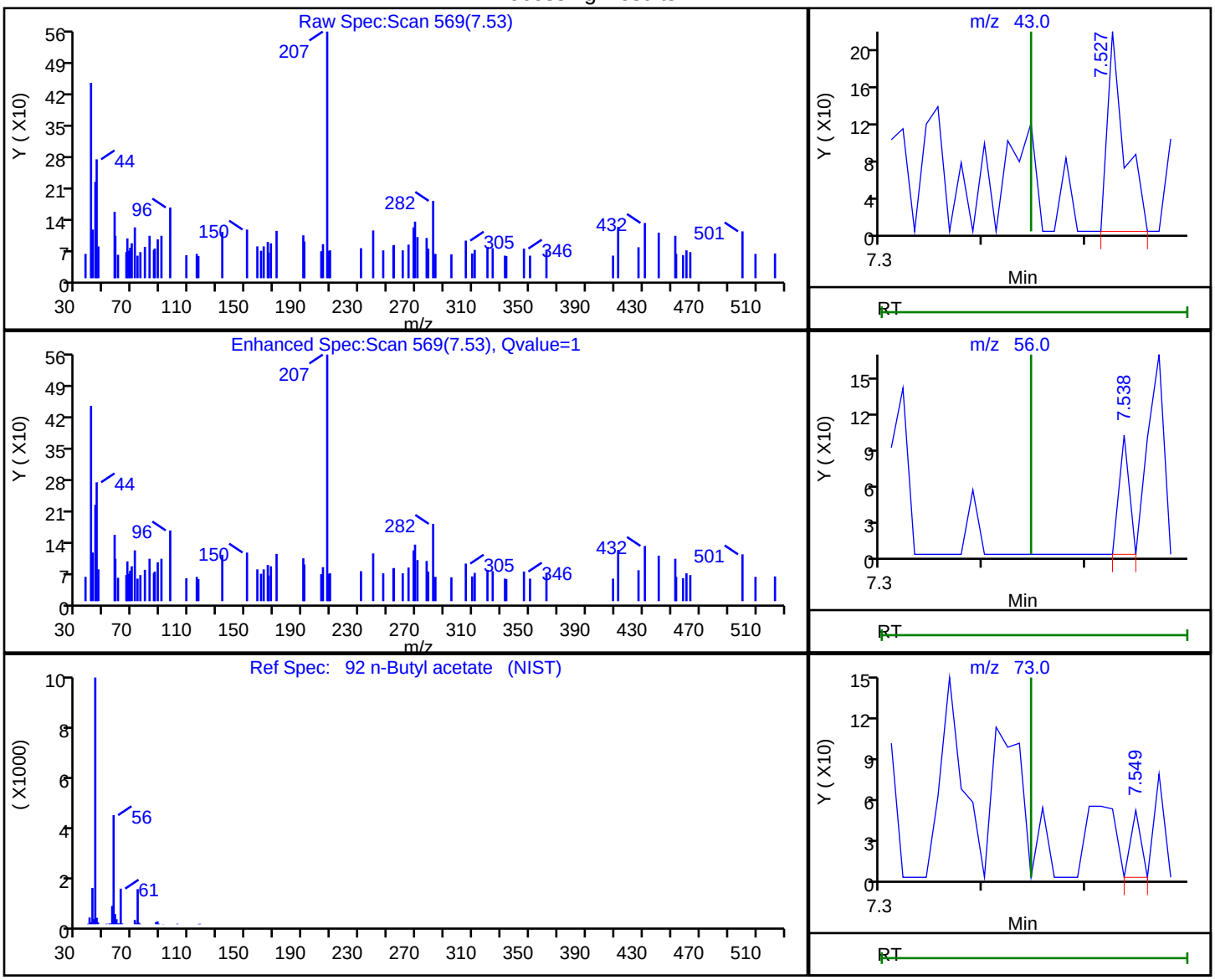
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.53	43.00	255	0.042543
7.54	56.00	66	
7.55	73.00	34	

Reviewer: NN6A, 01-Jul-2022 12:43:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

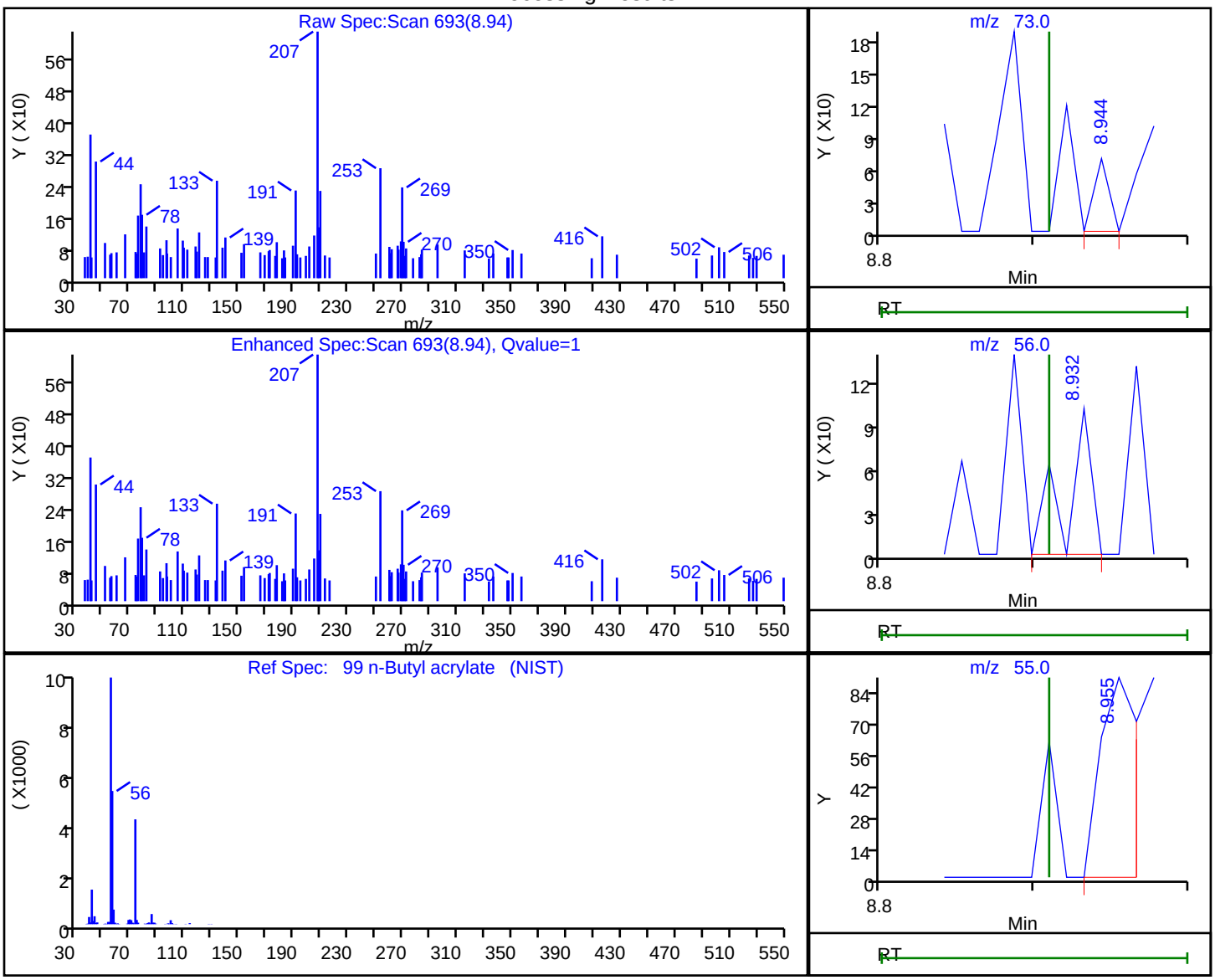
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
8.94	73.00	46	-0.128455
8.93	56.00	111	
8.96	55.00	155	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

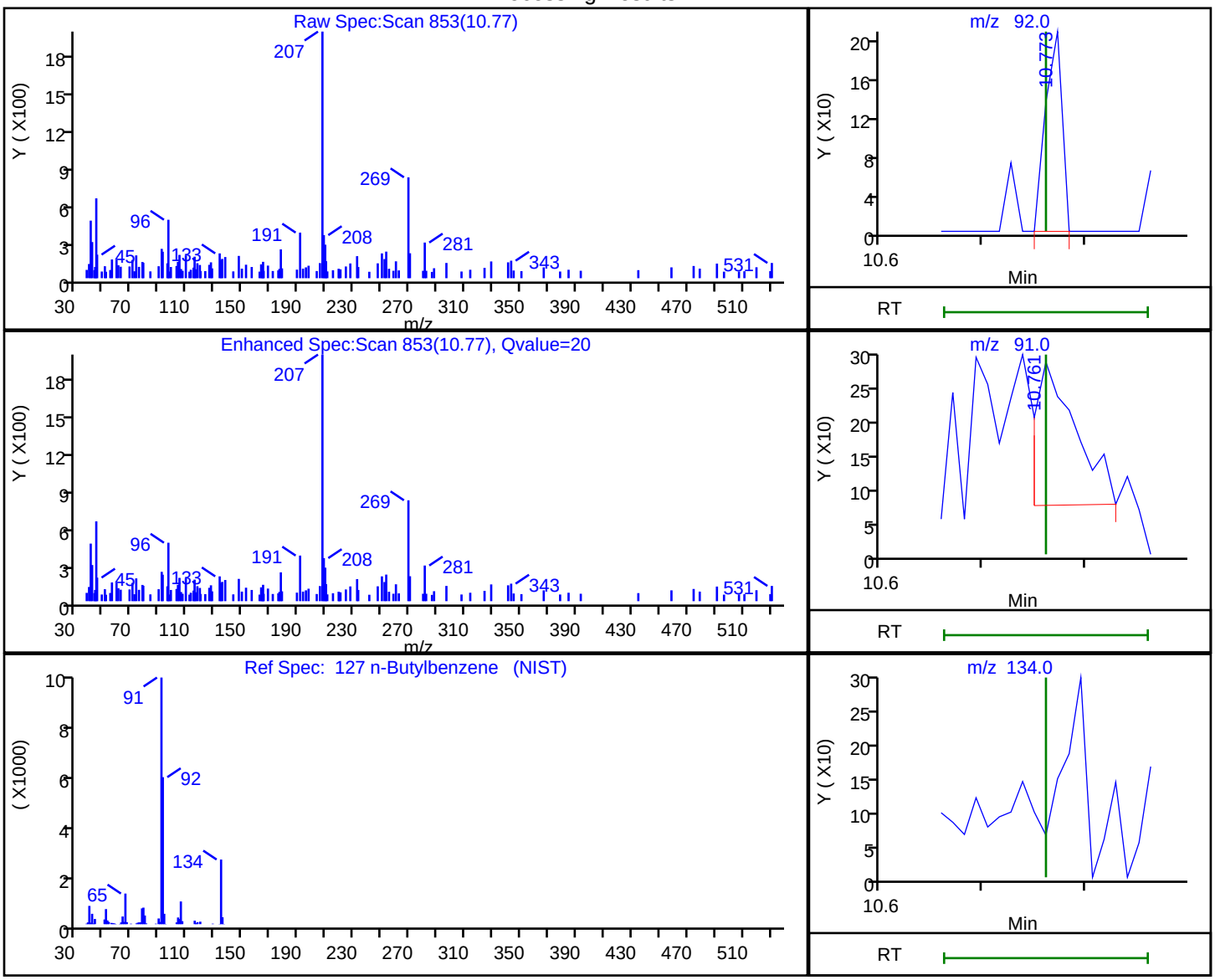
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.77	92.00	237	0.030632
10.76	91.00	590	
10.76	134.00	0	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

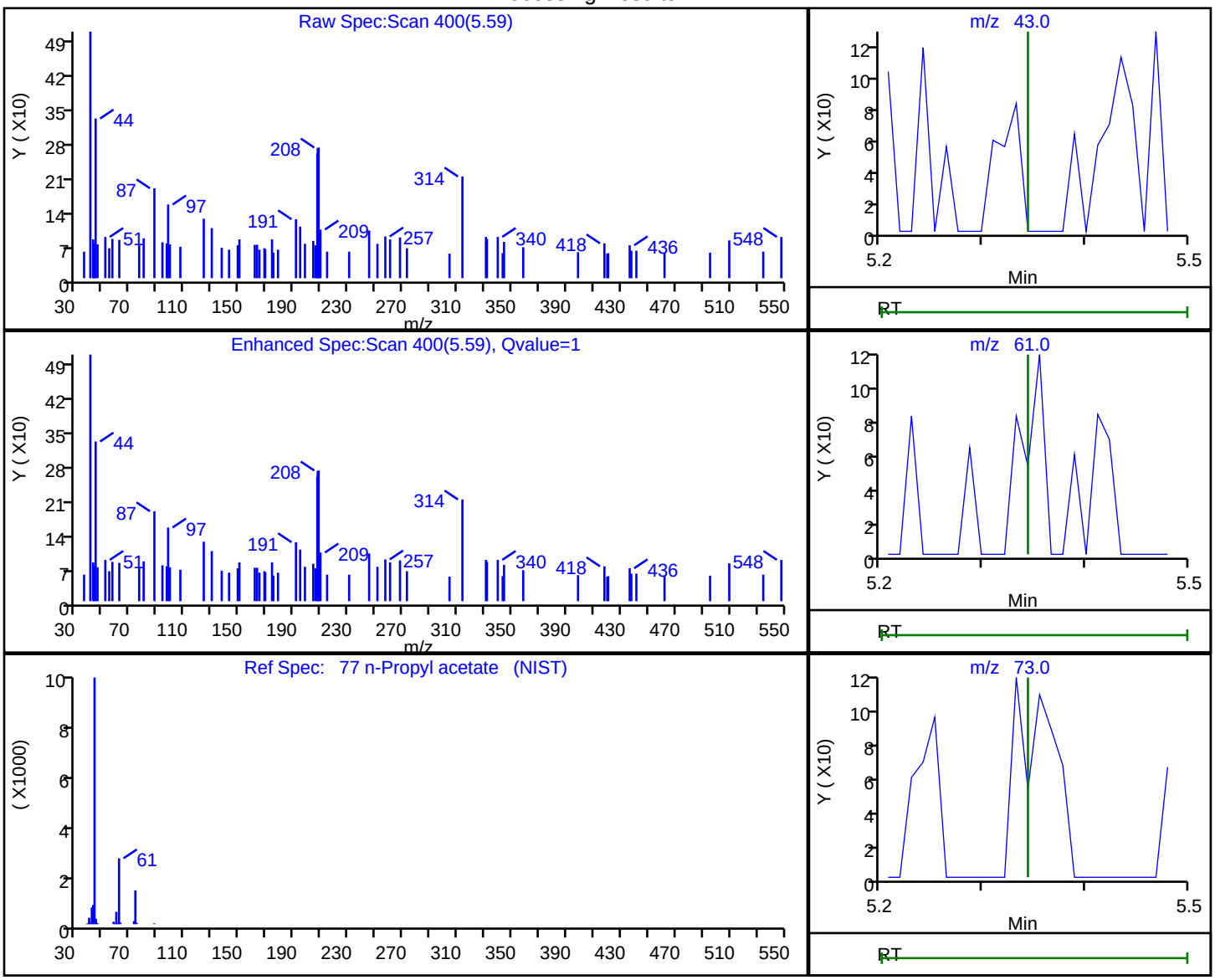
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.59	43.00	91	0.014108
5.59	61.00	53	
5.58	73.00	56	

Reviewer: NN6A, 01-Jul-2022 12:43:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

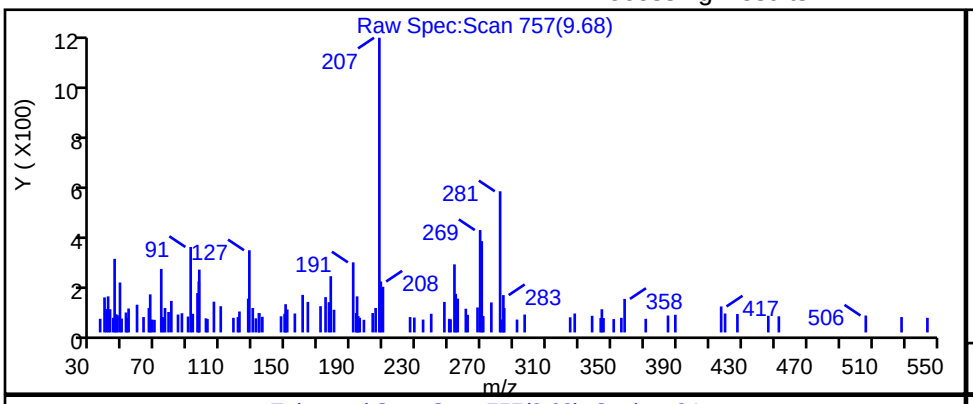
User Disabled Compound Report

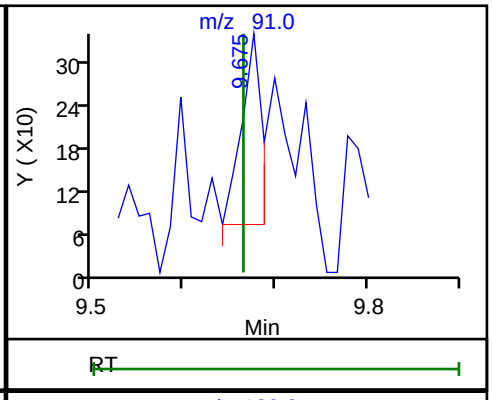
Eurofins Edison

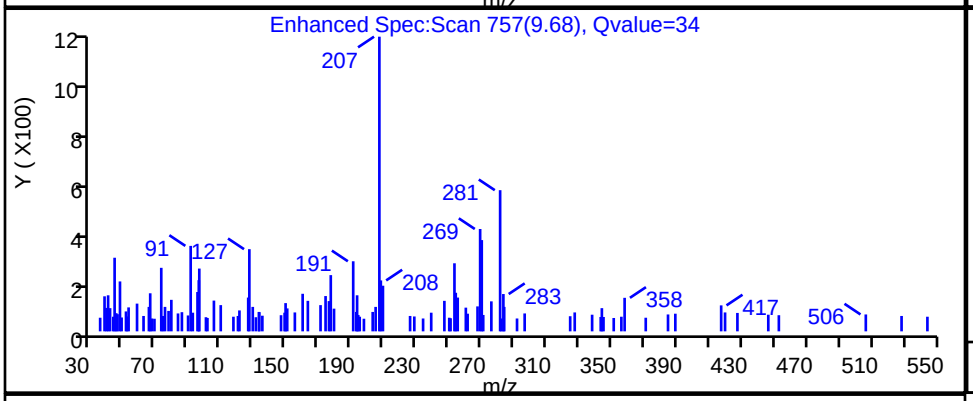
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

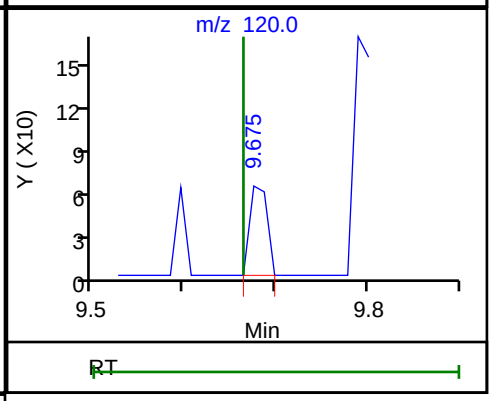
109 N-Propylbenzene, CAS: 103-65-1

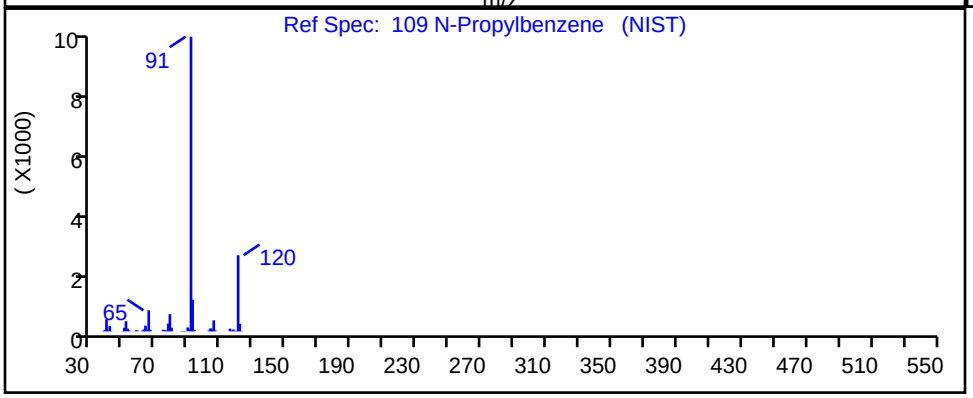
Processing Results











RT	Mass	Response	Amount
9.68	91.00	420	0.018074
9.68	120.00	81	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

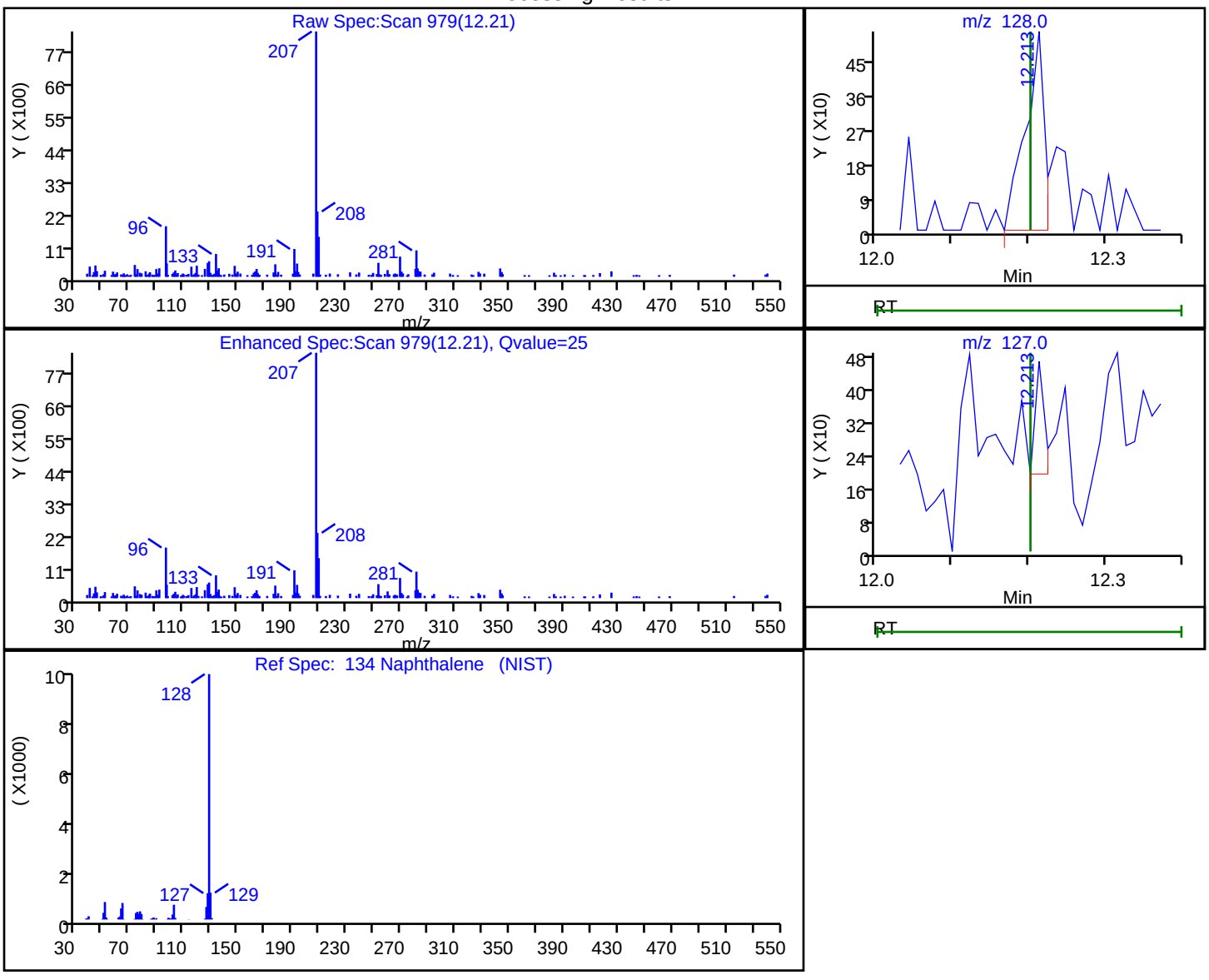
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.21	128.00	918	0.059153
12.21	127.00	233	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

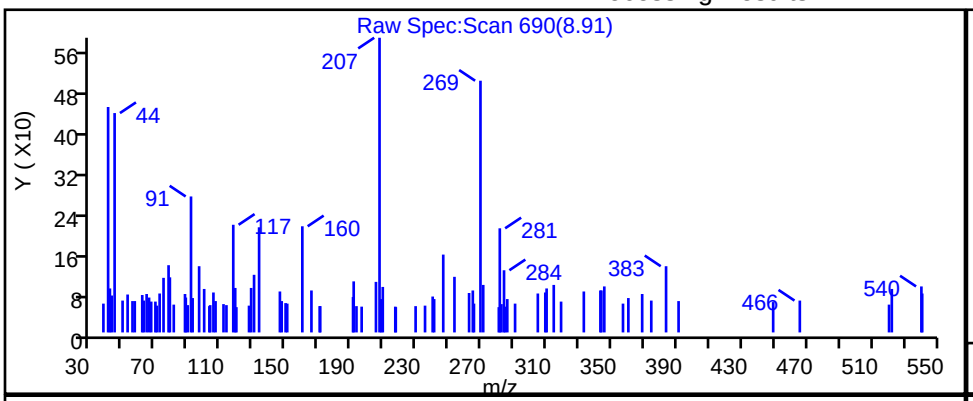
User Disabled Compound Report

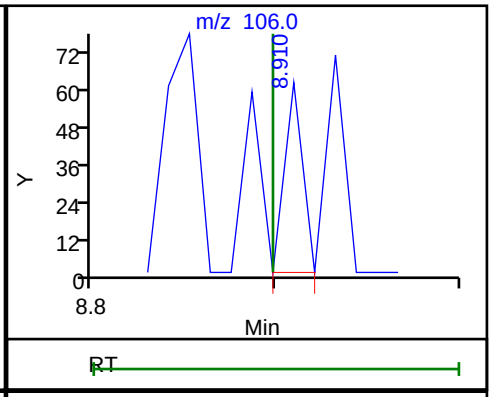
Eurofins Edison

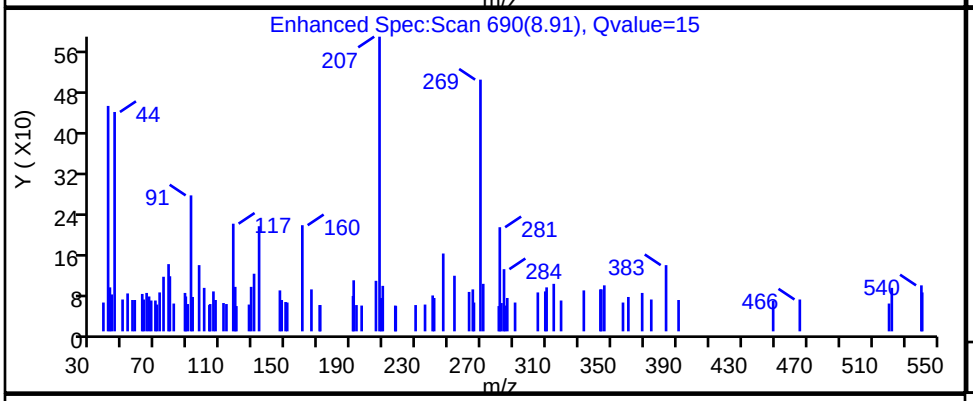
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

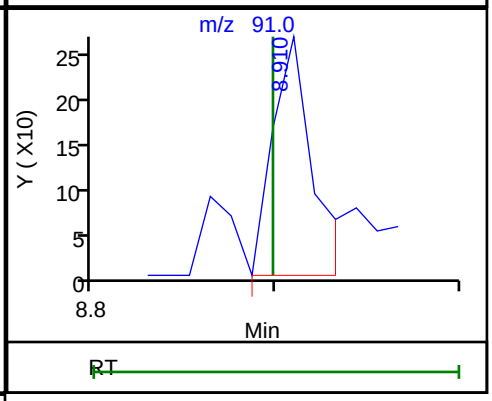
100 o-Xylene, CAS: 95-47-6

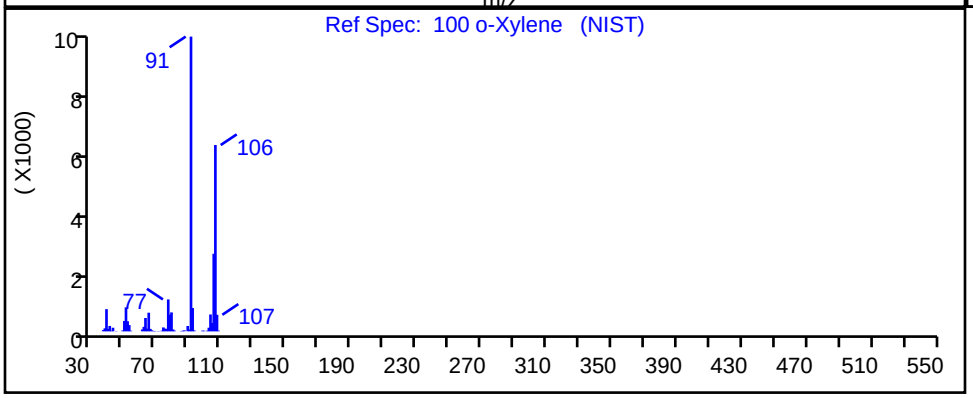
Processing Results











RT	Mass	Response	Amount
8.91	106.00	43	0.004930
8.91	91.00	405	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

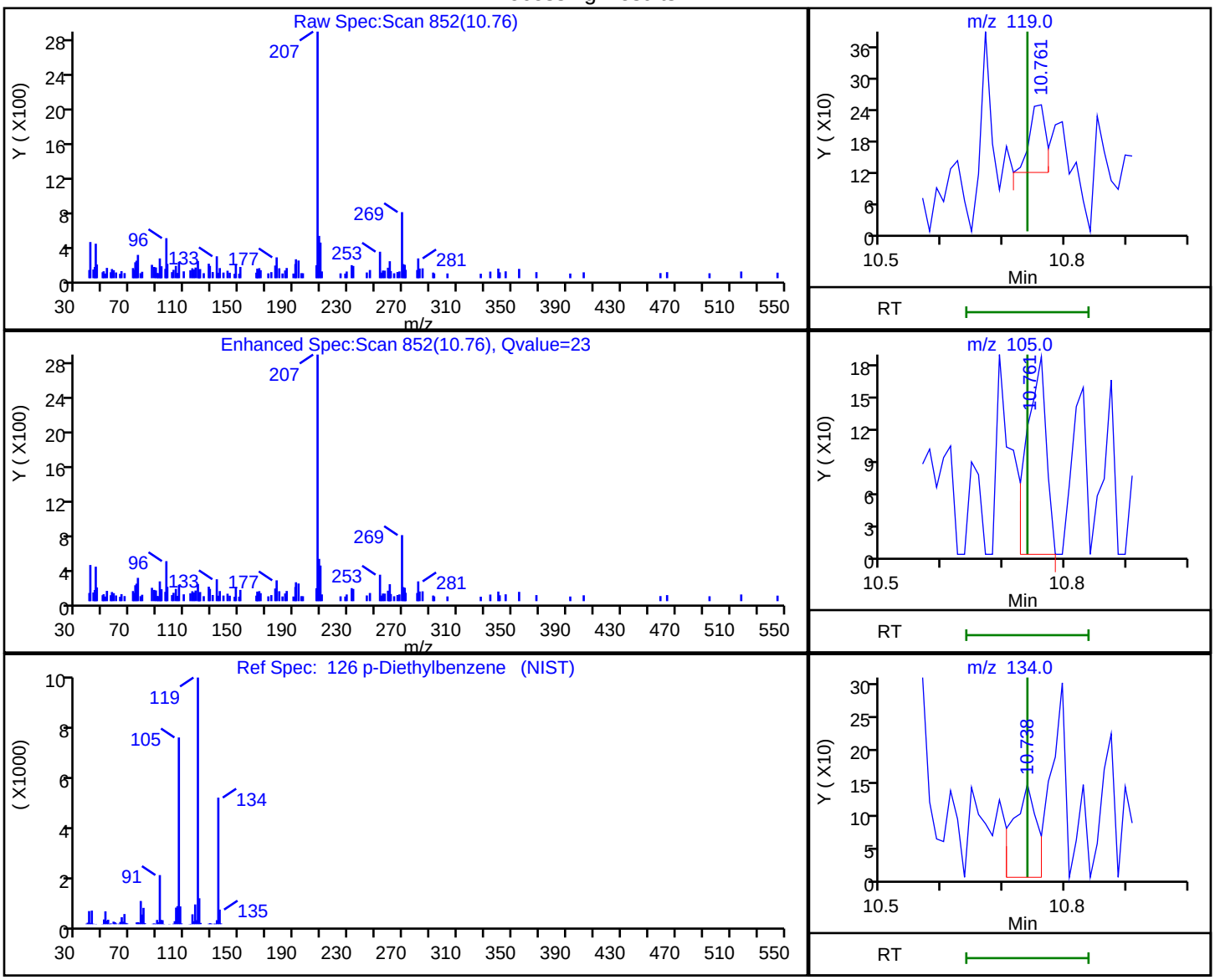
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.76	119.00	248	0.026244
10.76	105.00	407	
10.74	134.00	383	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

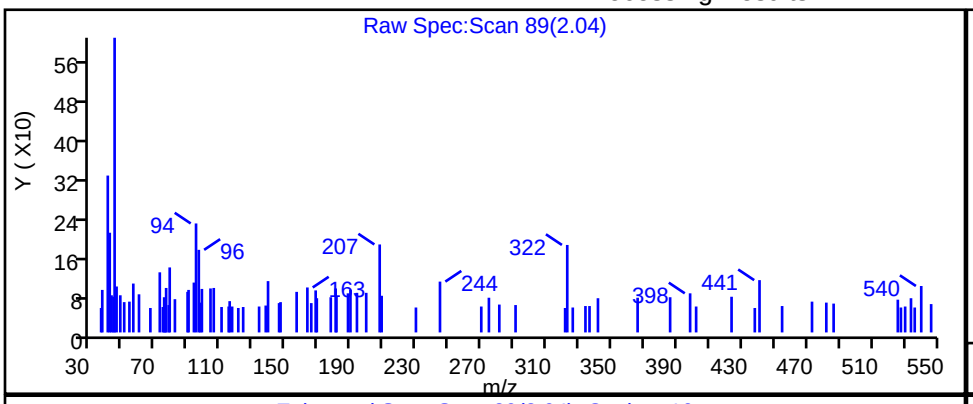
User Disabled Compound Report

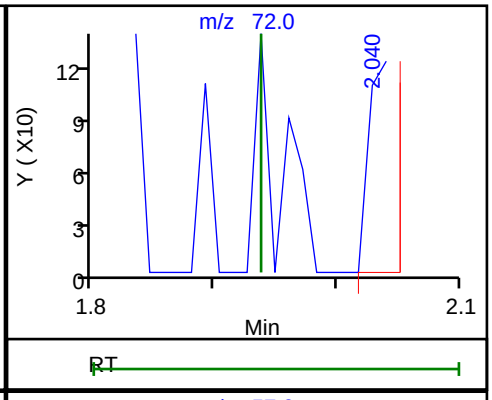
Eurofins Edison

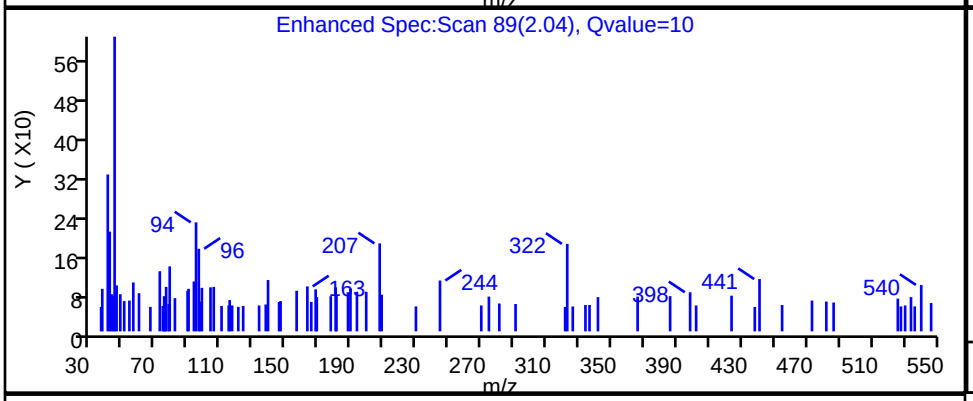
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

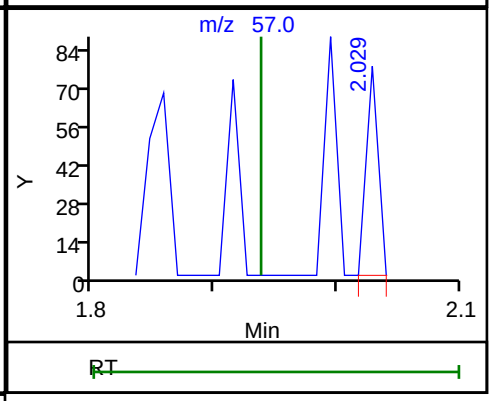
13 Pentane, CAS: 109-66-0

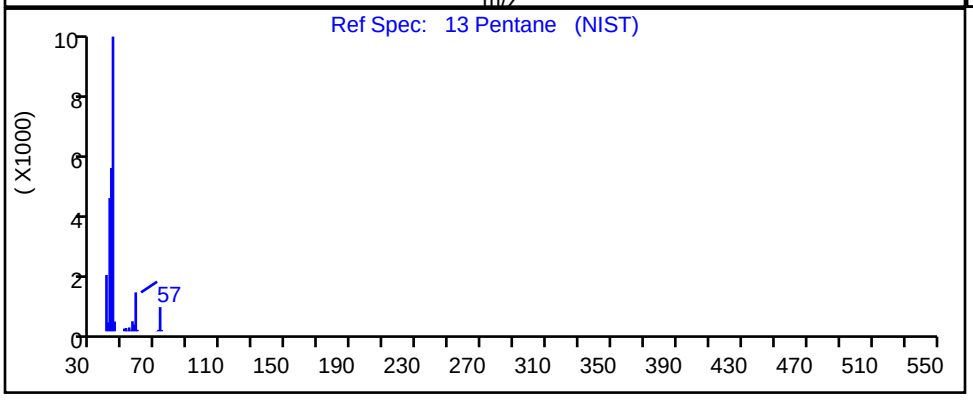
Processing Results











RT	Mass	Response	Amount
2.04	72.00	159	0.187901
2.03	57.00	54	

Reviewer: NN6A, 01-Jul-2022 12:42:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

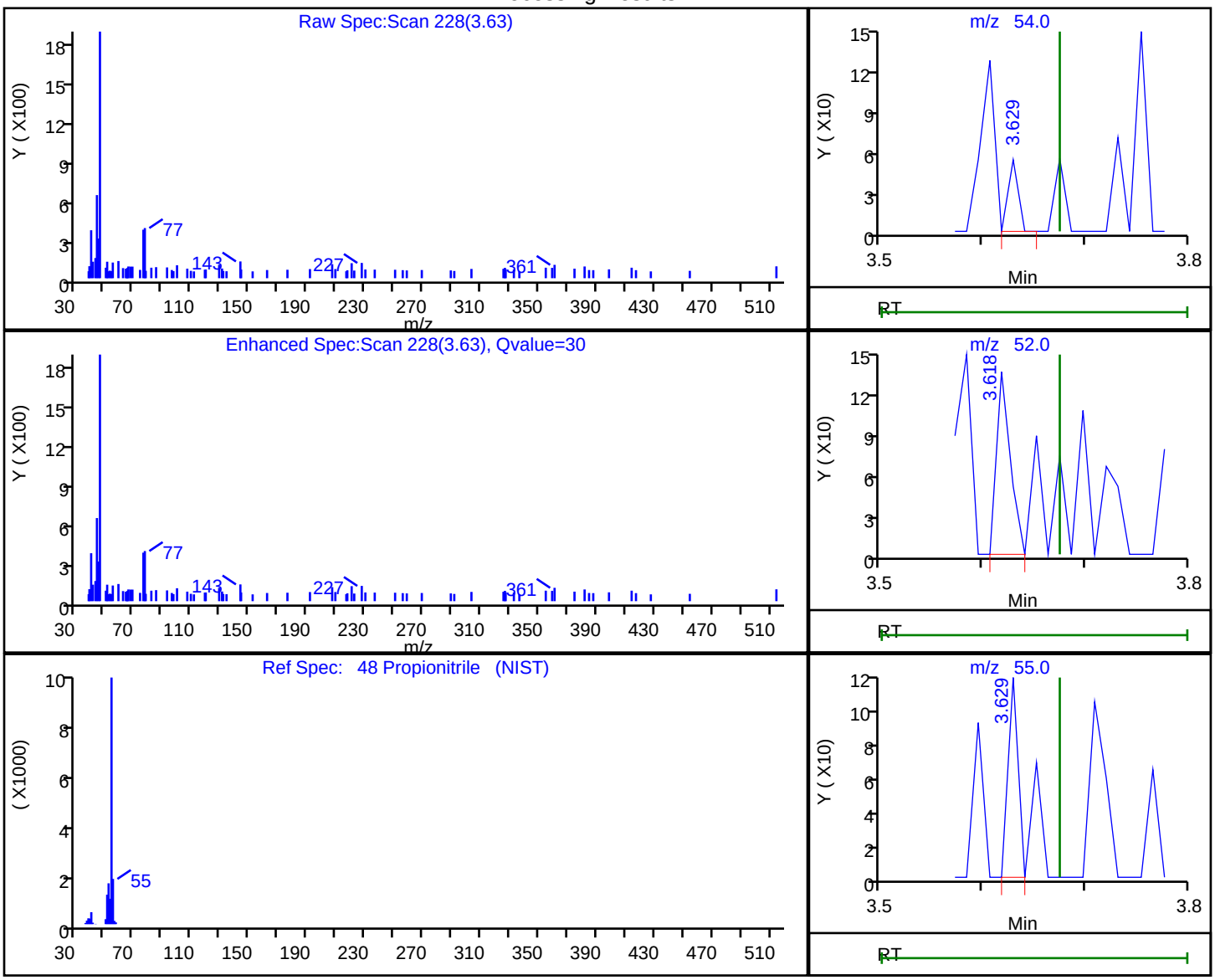
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.63	54.00	36	1.441344
3.62	52.00	129	
3.63	55.00	79	

Reviewer: NN6A, 01-Jul-2022 12:42:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

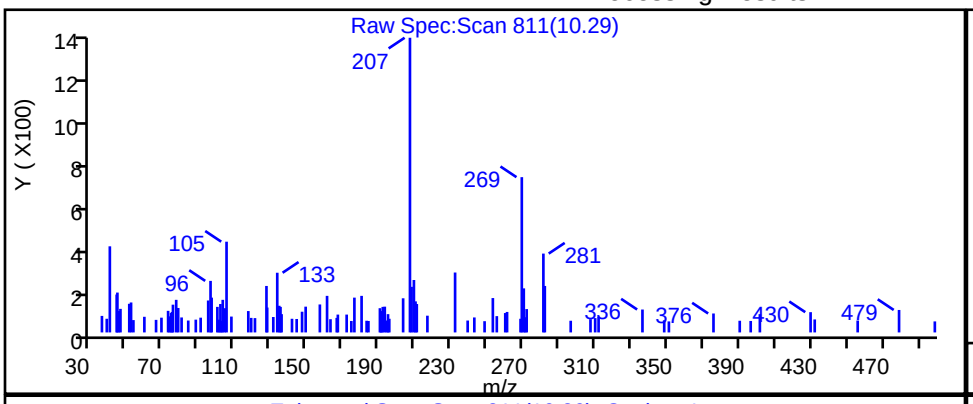
User Disabled Compound Report

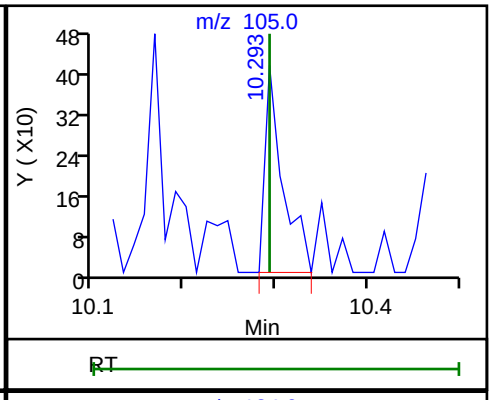
Eurofins Edison

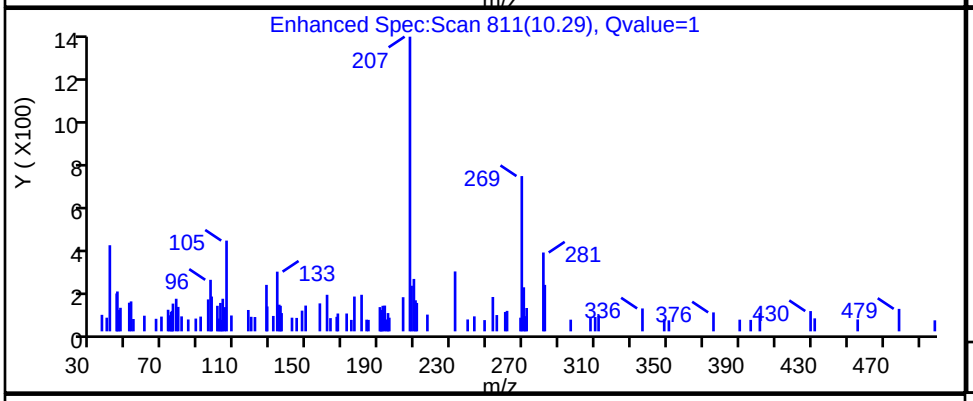
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

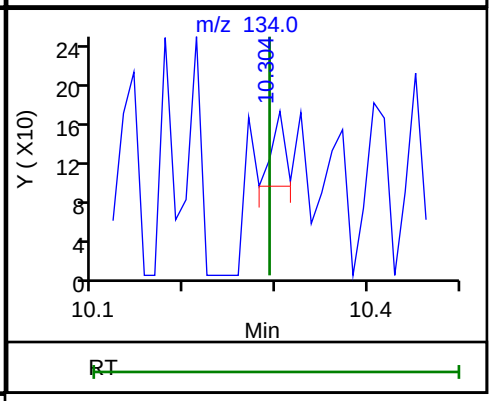
120 sec-Butylbenzene, CAS: 135-98-8

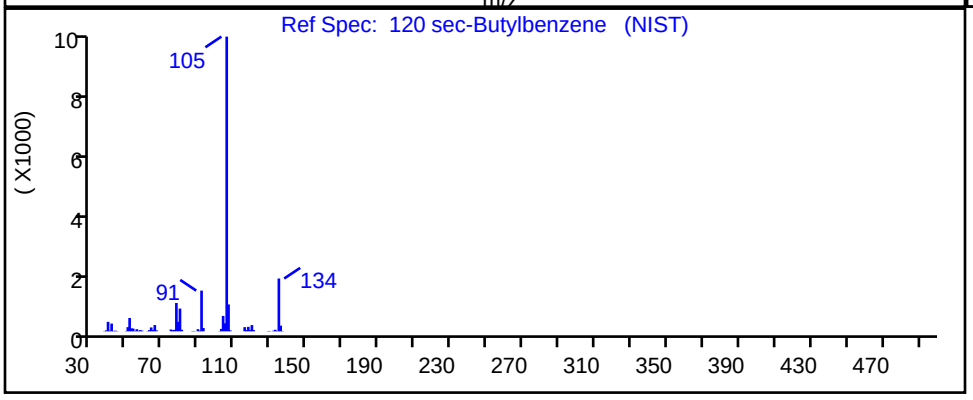
Processing Results











RT	Mass	Response	Amount
10.29	105.00	558	0.027785
10.30	134.00	76	

Reviewer: NN6A, 01-Jul-2022 12:43:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

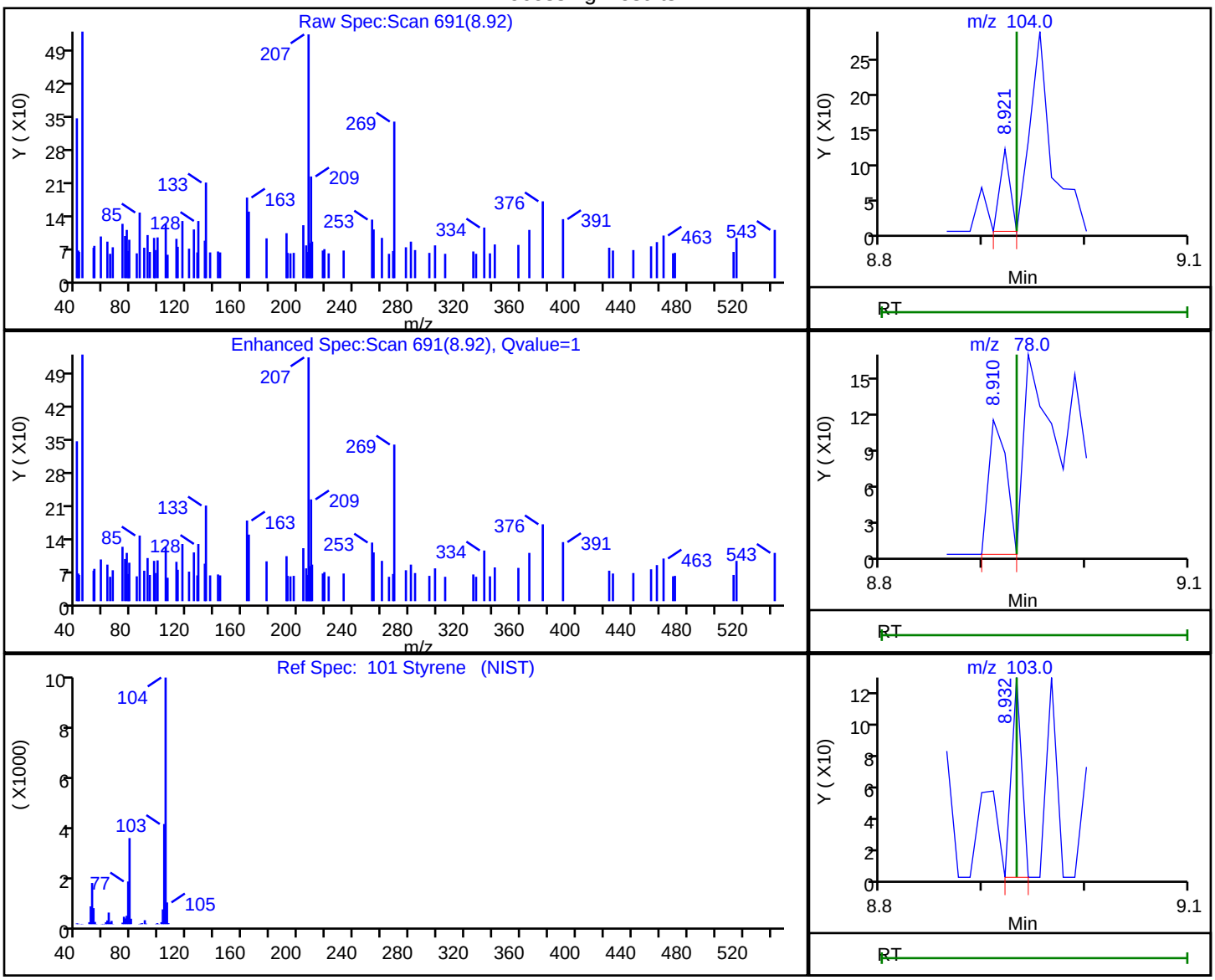
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.92	104.00	80	0.005942
8.91	78.00	131	
8.93	103.00	86	

Reviewer: NN6A, 01-Jul-2022 12:43:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

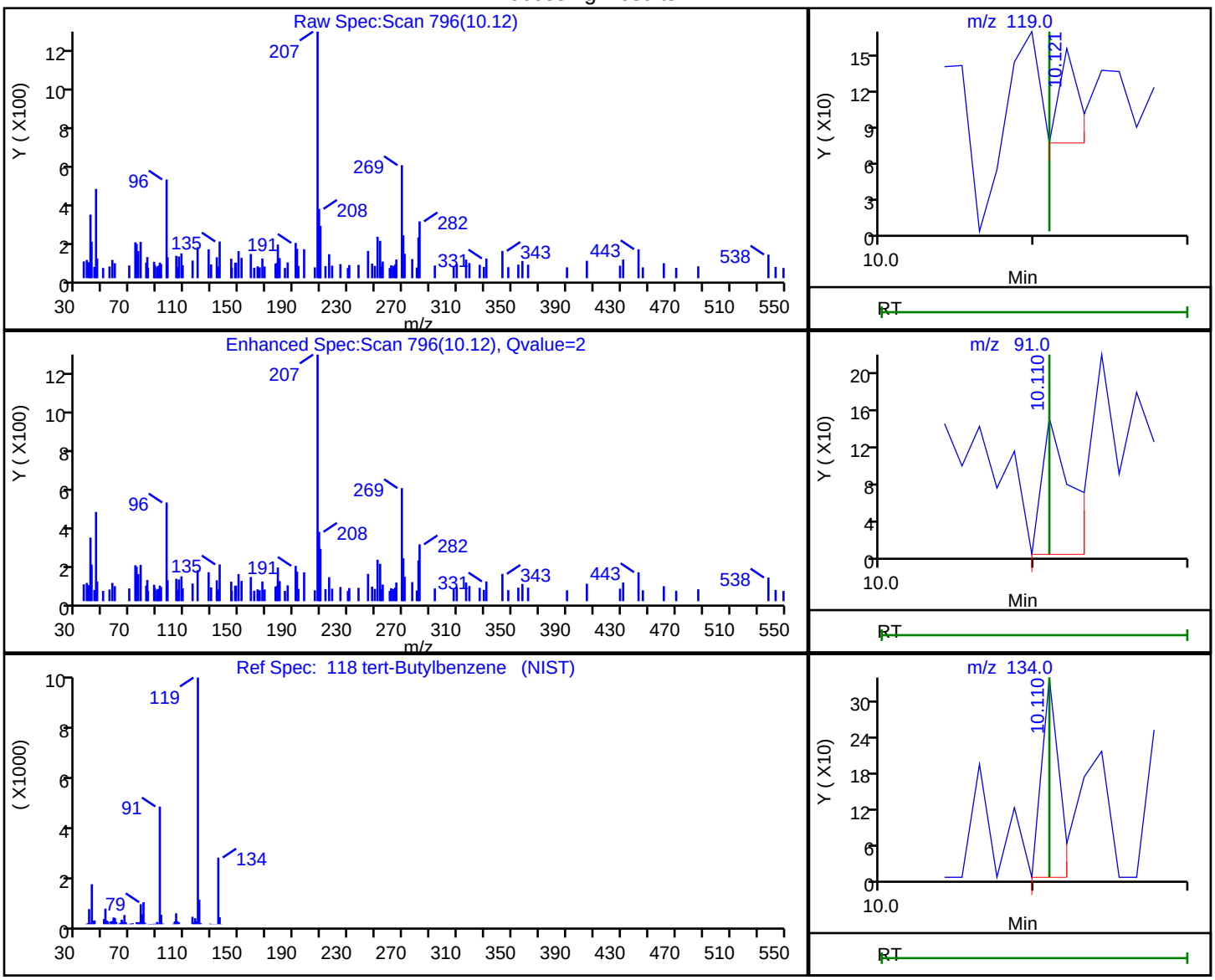
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.12	119.00	70	0.004799
10.11	91.00	200	
10.11	134.00	270	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

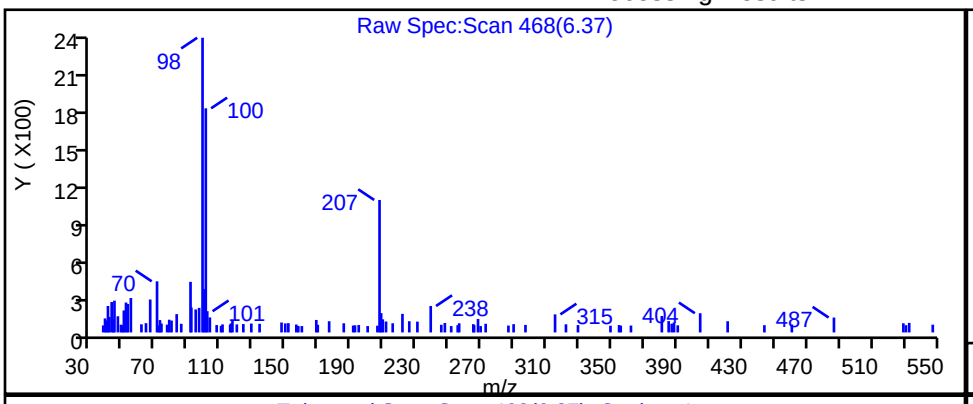
User Disabled Compound Report

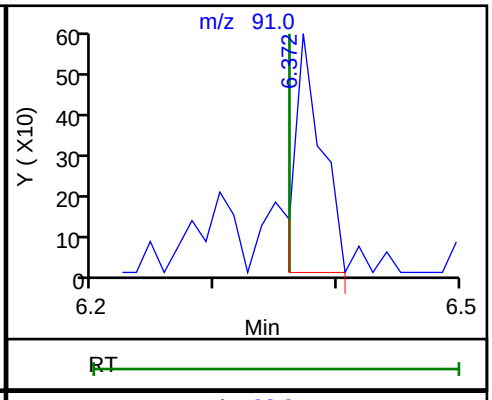
Eurofins Edison

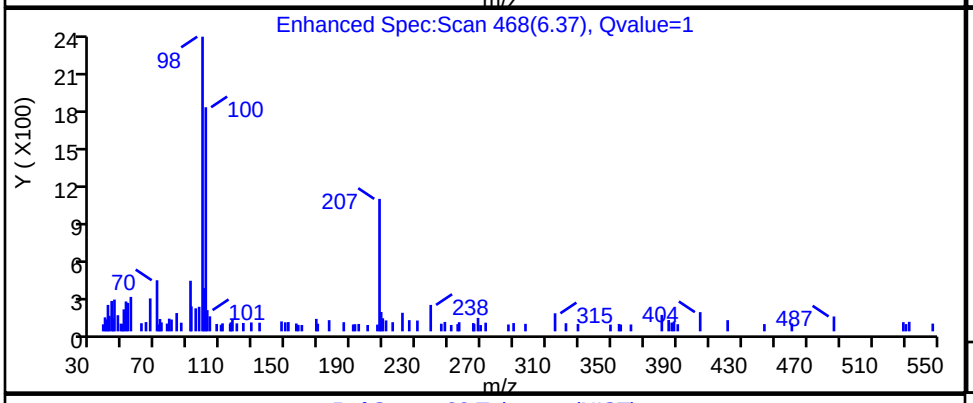
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

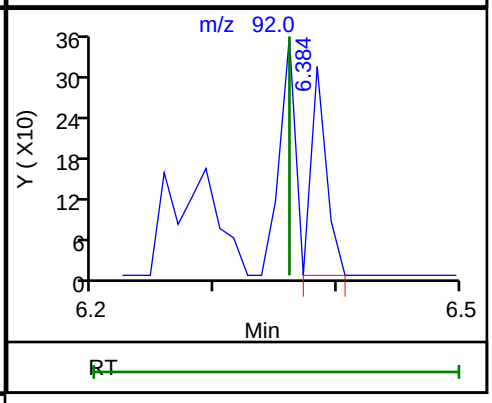
83 Toluene, CAS: 108-88-3

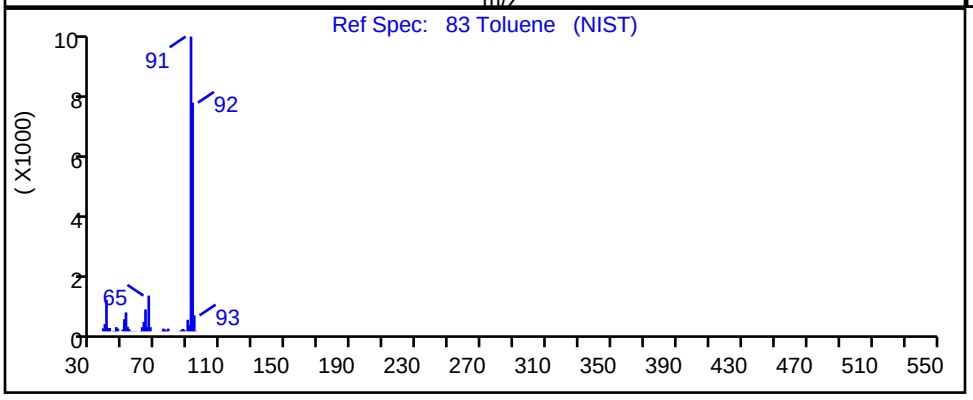
Processing Results











RT	Mass	Response	Amount
6.37	91.00	902	0.042053
6.38	92.00	265	

Reviewer: NN6A, 01-Jul-2022 12:43:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

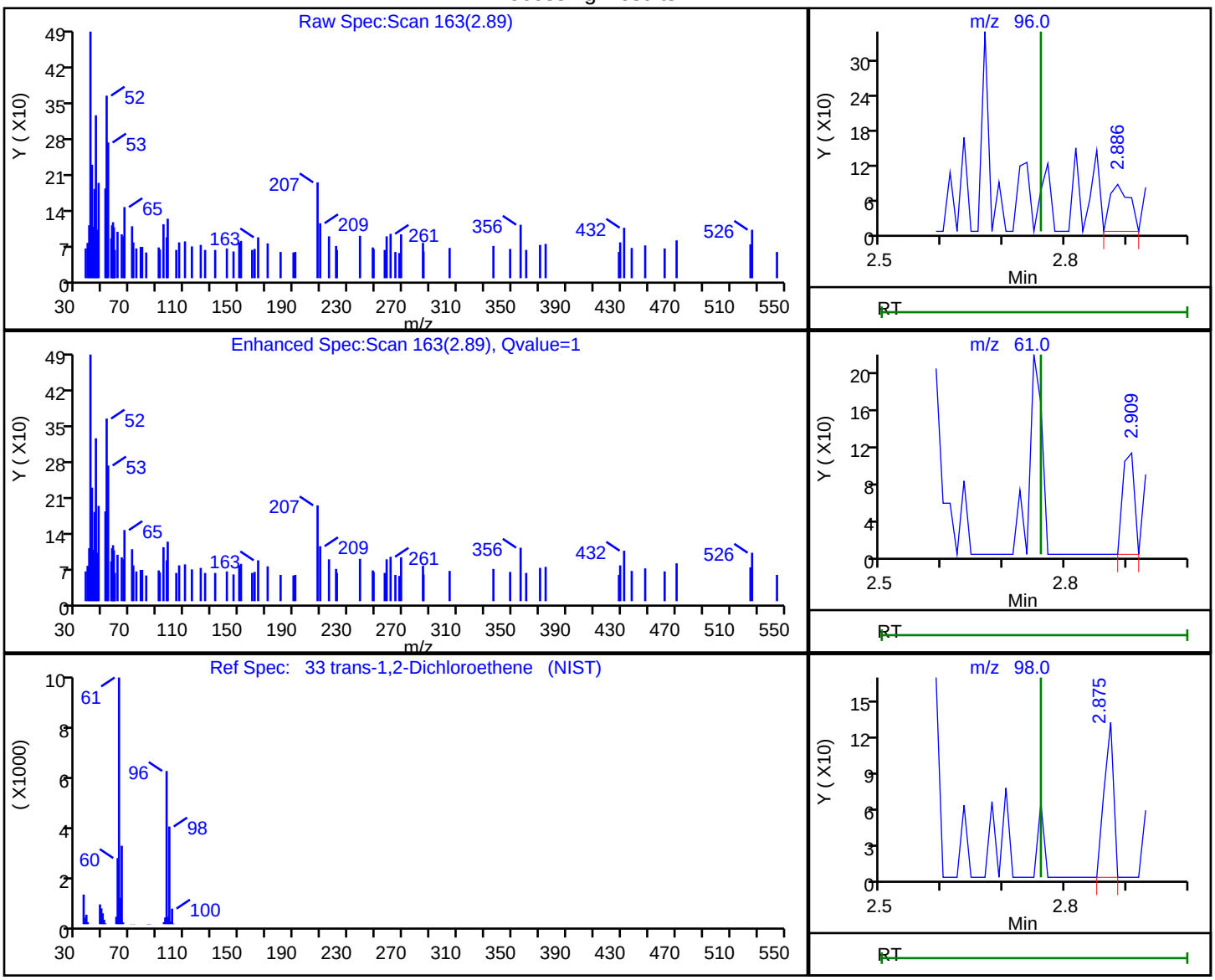
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.89	96.00	180	0.034457
2.91	61.00	143	
2.87	98.00	132	

Reviewer: NN6A, 01-Jul-2022 12:42:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

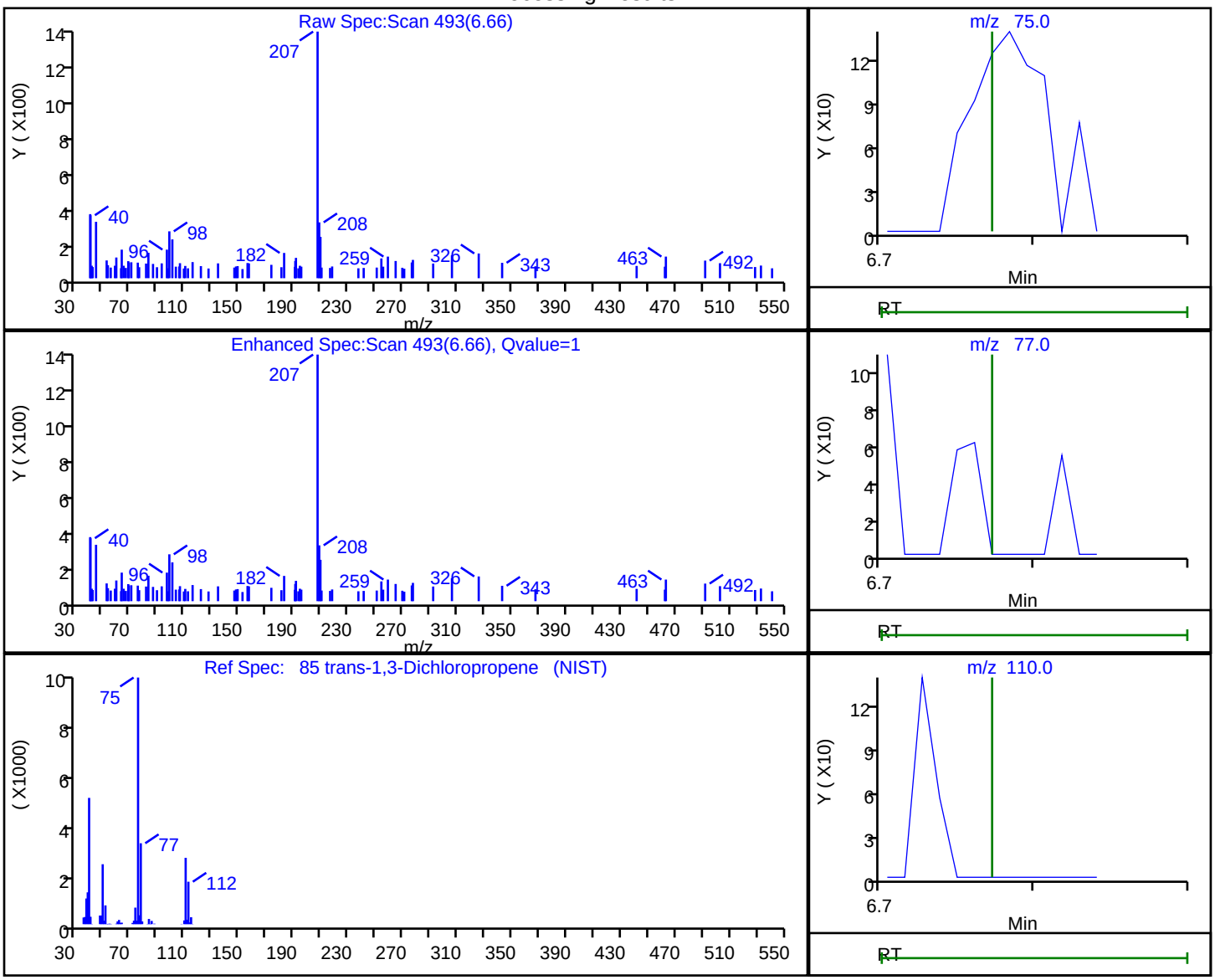
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D				
Injection Date:	01-Jul-2022 01:33:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.66	75.00	58	0.008344
6.67	77.00	119	
6.66	110.00	46	

Reviewer: NN6A, 01-Jul-2022 12:43:10

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

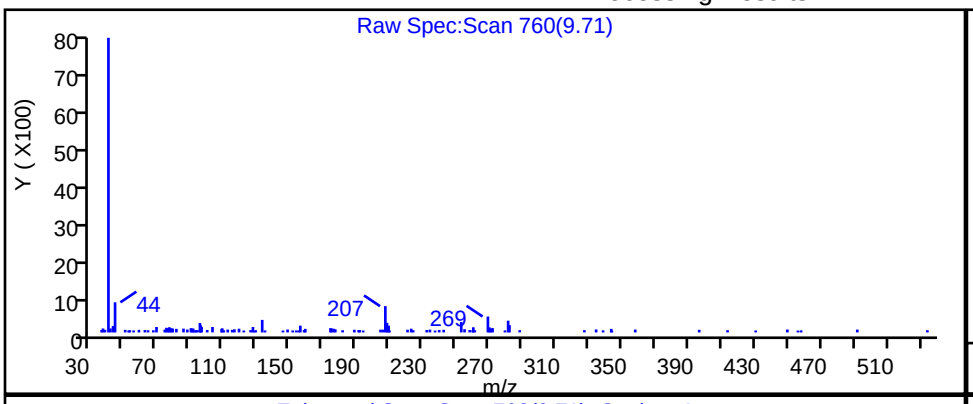
User Disabled Compound Report

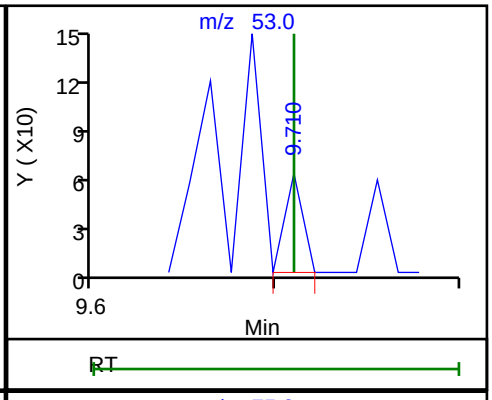
Eurofins Edison

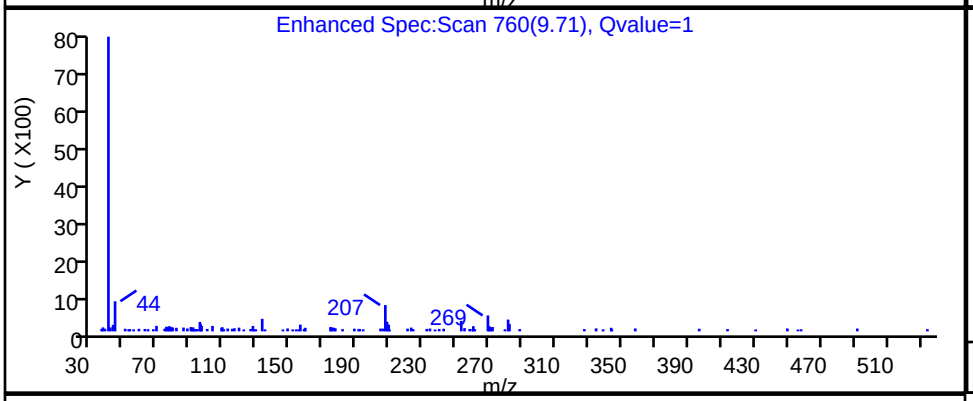
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

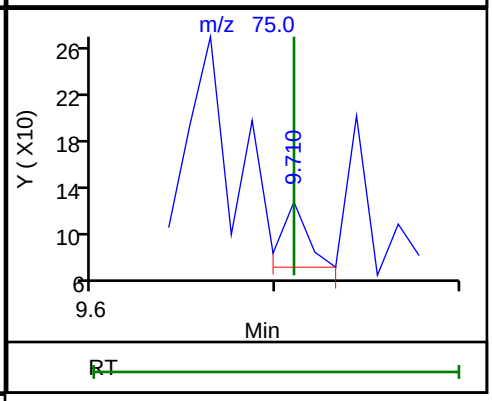
112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

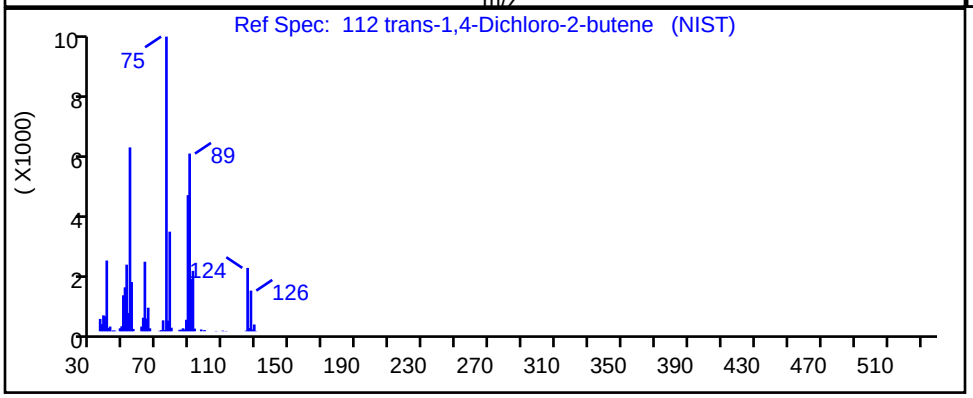
Processing Results











RT	Mass	Response	Amount
9.71	53.00	42	0.026900
9.71	75.00	56	

Reviewer: NN6A, 01-Jul-2022 12:43:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

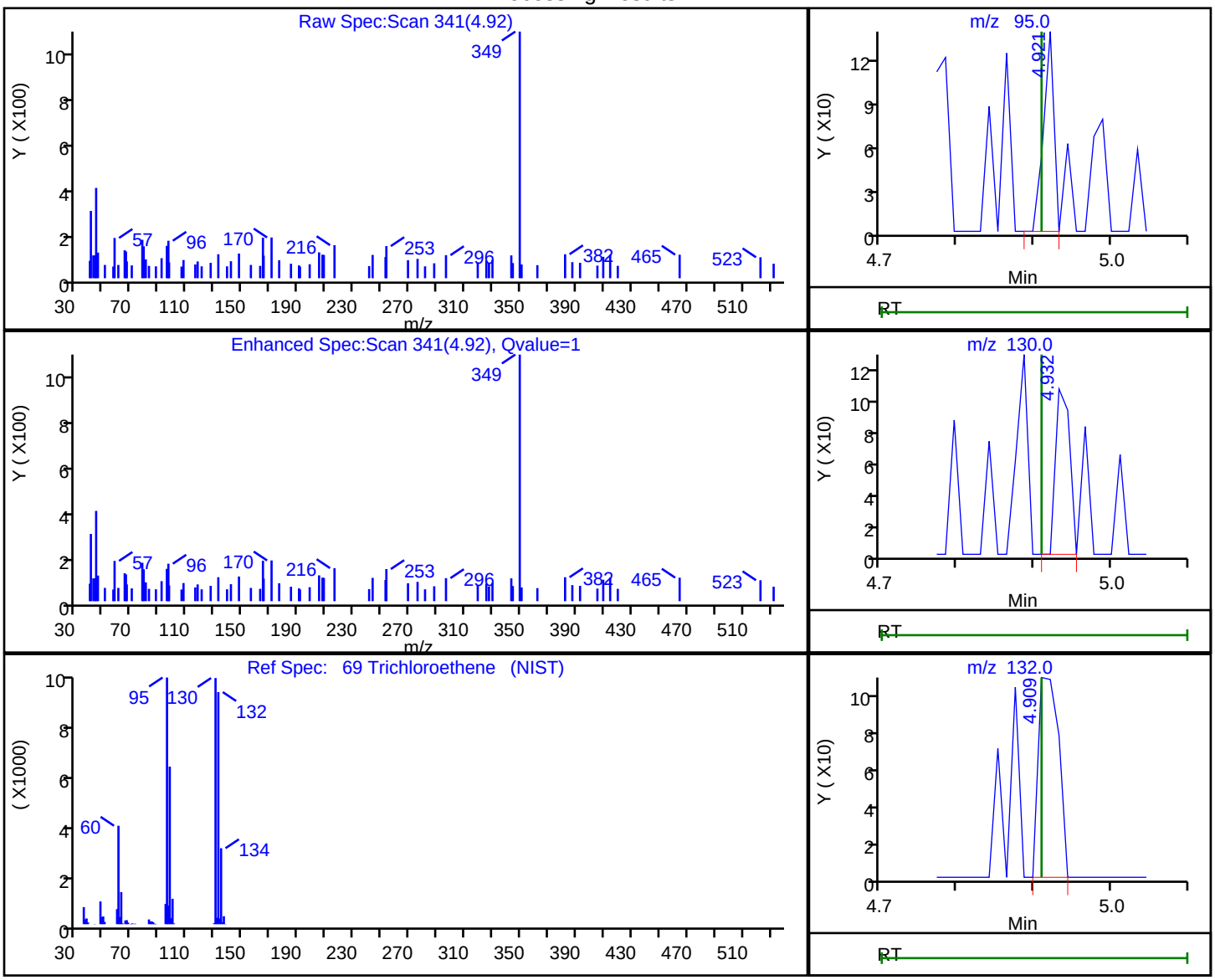
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.92	95.00	131	0.026101
4.93	130.00	130	
4.91	132.00	193	

Reviewer: NN6A, 01-Jul-2022 12:42:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

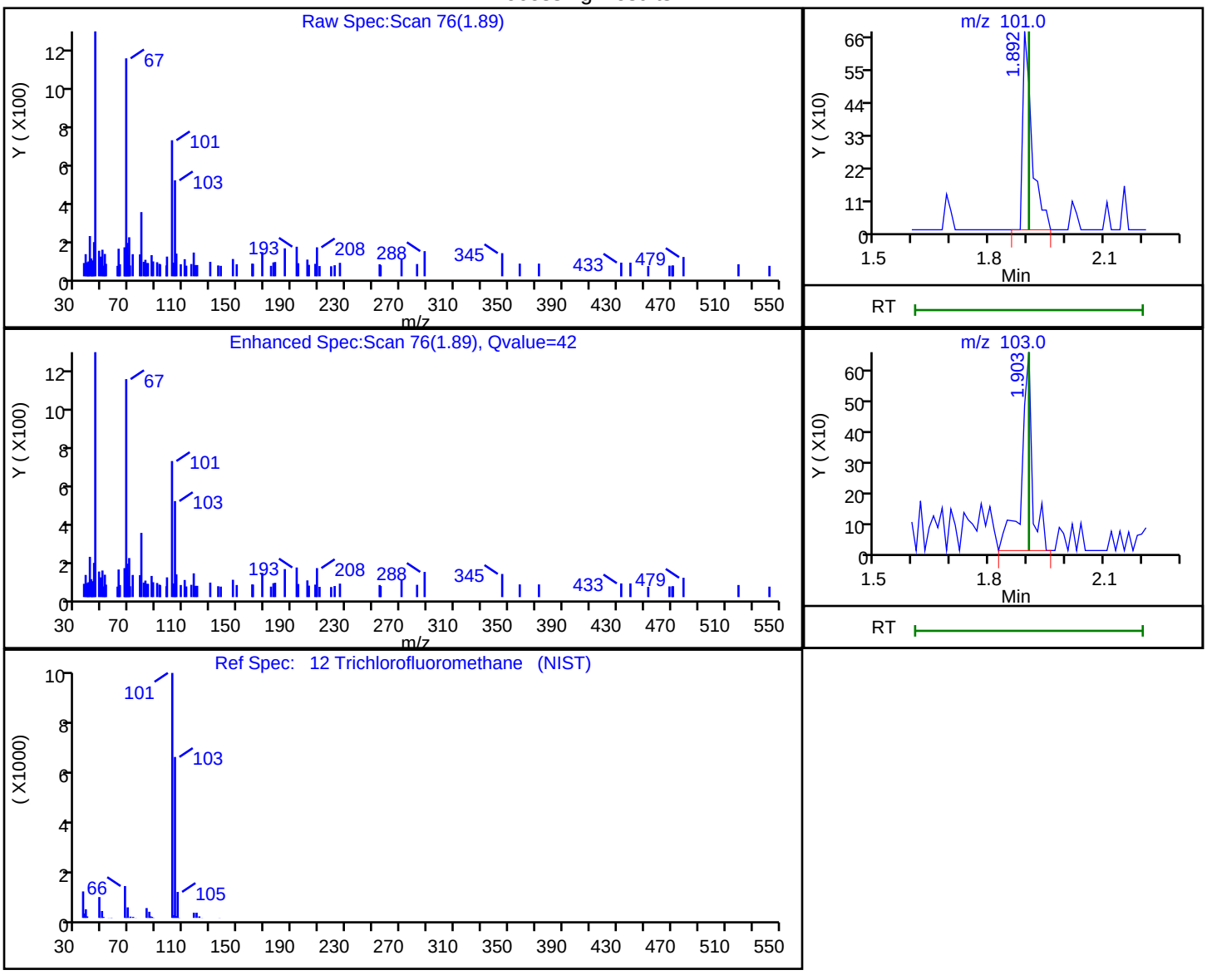
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.89	101.00	1129	0.175371
1.90	103.00	1282	

Reviewer: NN6A, 01-Jul-2022 12:42:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

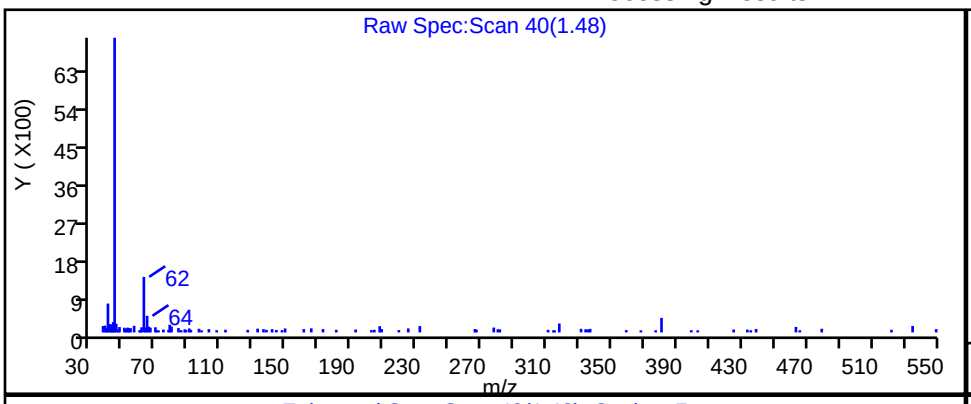
User Disabled Compound Report

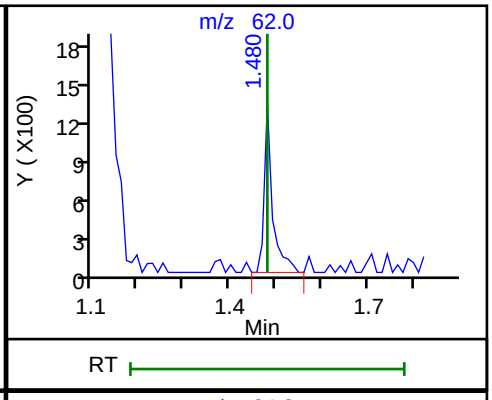
Eurofins Edison

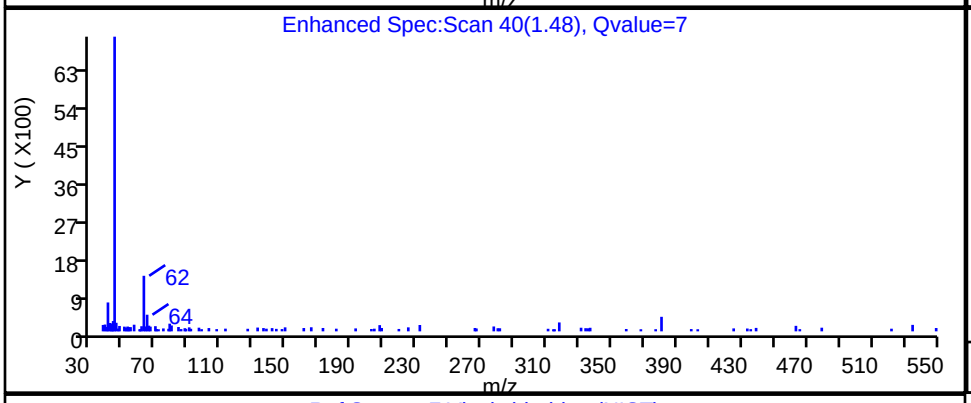
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21575.D
Injection Date: 01-Jul-2022 01:33:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

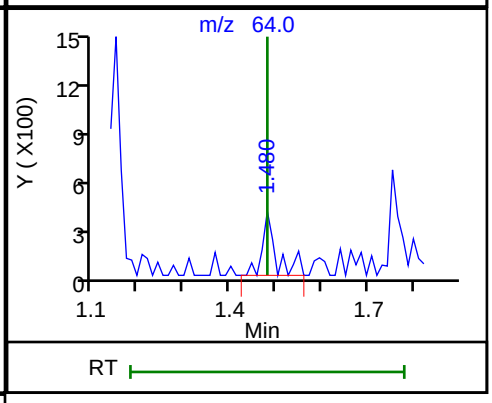
7 Vinyl chloride, CAS: 75-01-4

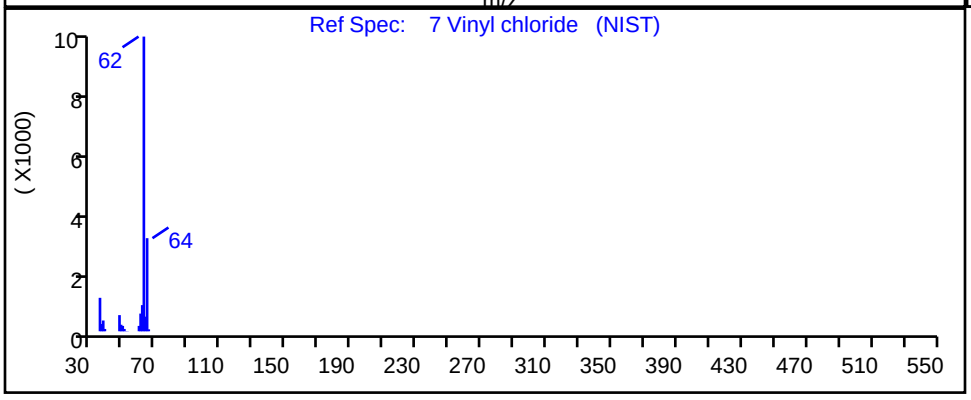
Processing Results











RT	Mass	Response	Amount
1.48	62.00	1675	0.301757
1.48	64.00	821	

Reviewer: NN6A, 01-Jul-2022 12:42:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 01-Jul-2022 13:47:29 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Jul-2022 01:55:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0147308-004
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:47:27 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 02:13:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	58	237	0.5000	0.5849	Ma
3 Chlorotrifluoroethene	116	1.252	1.263	-0.011	9	1341	0.5000	0.6788	a
4 1,1-Difluoroethane	65	1.275	1.275	0.000	22	1207	0.5000	0.5885	
5 Dichlorodifluoromethane	85	1.275	1.286	-0.011	1	2616	0.5000	0.5771	
2 Chlorodifluoromethane	67	1.298	1.309	-0.011	34	406	0.5000	0.4985	
6 Chloromethane	50	1.423	1.423	0.000	28	3559	0.5000	0.4750	a
7 Vinyl chloride	62	1.480	1.480	0.000	97	3034	0.5000	0.5716	
8 Butadiene	54	1.492	1.503	-0.011	40	2421	0.5000	0.5176	
9 Bromomethane	94	1.698	1.709	-0.011	75	1850	0.5000	0.5134	
10 Chloroethane	64	1.766	1.766	0.000	79	1947	0.5000	0.6022	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	93	4654	0.5000	0.6202	M
12 Trichlorofluoromethane	101	1.892	1.903	-0.011	94	3739	0.5000	0.5677	
13 Pentane	72	1.938	1.937	0.001	95	857	1.00	1.03	
17 Ethanol	46	2.052	2.040	0.012	22	656	20.0	39.6	M
14 Ethyl ether	74	2.075	2.075	0.000	89	1452	0.5000	0.5424	
15 2-Methyl-1,3-butadiene	53	2.098	2.097	0.001	83	2726	0.5000	0.6475	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	82	2569	0.5000	0.5863	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	94	3327	0.5000	0.5340	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.212	-0.011	78	2114	0.5000	0.5087	
52 Acrolein	56	2.223	2.212	0.011	72	1417	2.00	2.13	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	91	2381	0.5000	0.5659	
23 Acetone	43	2.315	2.303	0.012	97	4523	2.50	3.29	
21 Iodomethane	142	2.372	2.372	0.000	89	4470	0.5000	0.6448	
24 Isopropyl alcohol	45	2.383	2.372	0.011	49	984	5.00	4.65	M
22 Carbon disulfide	76	2.406	2.406	0.000	100	7659	0.5000	0.6036	
30 Methyl acetate	43	2.509	2.498	0.011	64	3702	1.00	1.04	
26 3-Chloro-1-propene	76	2.486	2.498	-0.012	82	1984	0.5000	0.6114	
25 Cyclopentene	67	2.521	2.520	0.001	89	5795	0.5000	0.5162	
27 Acetonitrile	41	2.578	2.543	0.035	19	2458	5.00	4.87	a
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	32172	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
29 Methylene Chloride	84	2.601	2.600	0.001	90	2238	0.5000	0.4992	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	91	3413	5.00	4.97	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	93	8365	0.5000	0.6002	
33 trans-1,2-Dichloroethene	96	2.761	2.760	0.001	85	3308	0.5000	0.6424	
35 Acrylonitrile	53	2.829	2.806	0.023	91	8161	5.00	4.71	
36 Hexane	57	2.875	2.886	-0.011	79	2293	0.5000	0.4645	
37 Isopropyl ether	45	3.046	3.046	0.000	98	7781	0.5000	0.5877	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	86	4843	0.5000	0.6027	
40 Vinyl acetate	86	3.103	3.092	0.011	99	1205	1.00	1.11	
39 2-Chloro-1,3-butadiene	88	3.138	3.138	0.000	82	2617	0.5000	0.5690	
41 Tert-butyl ethyl ether	59	3.321	3.320	0.001	89	7563	0.5000	0.5610	
* 42 2-Butanone-d5	46	3.504	3.515	-0.011	98	214437	250.0	250.0	
43 2,2-Dichloropropane	97	3.515	3.526	-0.011	48	1041	0.5000	0.5649	
45 cis-1,2-Dichloroethene	96	3.561	3.560	0.001	94	3591	0.5000	0.6258	
44 2-Butanone (MEK)	72	3.584	3.560	0.024	95	1837	2.50	2.83	
47 Ethyl acetate	70	3.572	3.560	0.012	81	575	1.00	1.01	
46 Methyl acrylate	55	3.629	3.618	0.011	34	1204	0.5000	0.4815	
48 Propionitrile	54	3.709	3.675	0.034	88	2465	5.00	3.87	
50 Tetrahydrofuran	72	3.789	3.766	0.023	32	970	1.00	1.27	
49 Chlorobromomethane	128	3.766	3.766	0.000	71	1844	0.5000	0.6372	
54 Methacrylonitrile	67	3.778	3.778	0.000	91	11729	5.00	5.30	
51 Chloroform	83	3.812	3.812	0.000	98	4701	0.5000	0.5898	
53 Cyclohexane	84	3.926	3.938	-0.012	85	3597	0.5000	0.5290	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	86	4324	0.5000	0.5938	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	140048	50.0	50.1	
57 Carbon tetrachloride	117	4.064	4.063	0.001	94	3033	0.5000	0.5081	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	96	4215	0.5000	0.6568	
61 Isobutyl alcohol	43	4.235	4.212	0.023	30	1750	12.5	12.3	a
64 Isooctane	57	4.246	4.235	0.011	94	4497	0.5000	0.4265	
59 Benzene	78	4.281	4.269	0.012	46	11261	0.5000	0.6070	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	139536	50.0	49.7	
66 Isopropyl acetate	87	4.326	4.326	0.000	31	3004	0.5000	0.6252	M
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	65	8243	0.5000	0.5617	M
63 1,2-Dichloroethane	62	4.372	4.361	0.011	73	3452	0.5000	0.5933	
65 n-Heptane	57	4.429	4.418	0.011	92	1374	0.5000	0.6149	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	494236	50.0	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	95	3018	0.5000	0.6099	
72 Methylcyclohexane	83	5.035	5.035	0.000	85	2899	0.5000	0.4376	
71 Ethyl acrylate	99	5.035	5.035	0.000	51	366	0.5000	0.5050	
73 1,2-Dichloropropane	63	5.207	5.206	0.001	61	2219	0.5000	0.5157	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	89	19868	1000.0	1000.0	
74 Methyl methacrylate	100	5.298	5.275	0.023	77	1643	1.00	1.07	
78 1,4-Dioxane	88	5.344	5.332	0.012	26	1051	25.0	13.4	
77 n-Propyl acetate	43	5.367	5.344	0.023	80	3233	0.5000	0.5083	
75 Dibromomethane	93	5.344	5.344	0.000	66	1847	0.5000	0.6431	
76 Dichlorobromomethane	83	5.504	5.504	0.000	90	3031	0.5000	0.5121	
34 2-Nitropropane	41	5.847	5.846	0.001	90	1498	1.00	0.9449	
79 2-Chloroethyl vinyl ether	63	5.869	5.858	0.011	50	1409	0.5012	0.4761	
80 Epichlorohydrin	57	5.984	5.961	0.023	88	4384	10.0	8.69	
81 cis-1,3-Dichloropropene	75	6.041	6.029	0.012	91	4074	0.5000	0.5419	
84 4-Methyl-2-pentanone (MIBK)	43	6.201	6.189	0.012	92	10863	2.50	2.57	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	602765	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.372	6.361	0.011	93	13454	0.5000	0.6396	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	93	3986	0.5000	0.5848	
86 Ethyl methacrylate	69	6.818	6.795	0.023	54	2784	0.5000	0.5302	
87 1,1,2-Trichloroethane	83	7.012	7.001	0.011	89	2305	0.5000	0.6417	
88 Tetrachloroethene	166	7.035	7.047	-0.012	93	3452	0.5000	0.6453	
89 1,3-Dichloropropane	76	7.241	7.229	0.012	90	3824	0.5000	0.5530	
91 2-Hexanone	43	7.332	7.298	0.034	93	5590	2.50	2.09	
92 n-Butyl acetate	43	7.481	7.447	0.034	63	1766	0.5000	0.4607	
90 Chlorodibromomethane	129	7.492	7.492	0.000	96	2819	0.5000	0.5791	
93 Ethylene Dibromide	107	7.664	7.652	0.012	98	2447	0.5000	0.5567	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	84	365812	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	91	8615	0.5000	0.6237	
97 Ethylbenzene	106	8.327	8.327	0.000	97	3675	0.5000	0.5244	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	68	2538	0.5000	0.5632	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	4377	0.5000	0.5112	
100 o-Xylene	106	8.910	8.898	0.012	94	4703	0.5000	0.5498	
99 n-Butyl acrylate	73	8.921	8.910	0.011	58	1946	0.5000	0.5894	
101 Styrene	104	8.944	8.932	0.012	88	5968	0.5000	0.4520	
102 Amyl acetate (mixed isomers)	43	9.150	9.138	0.012	86	3223	0.5000	0.4663	
103 Bromoform	173	9.150	9.150	0.000	90	1855	0.5000	0.5857	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	12458	0.5000	0.5880	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	169188	50.0	51.7	
107 Bromobenzene	156	9.596	9.595	0.001	78	3465	0.5000	0.5965	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	77	3254	0.5000	0.5460	
109 N-Propylbenzene	91	9.664	9.664	0.000	98	12327	0.5000	0.5155	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	85	1363	0.5000	0.5020	
112 trans-1,4-Dichloro-2-butene	53	9.721	9.710	0.011	74	690	0.5000	0.4295	a
113 4-Ethyltoluene	105	9.778	9.767	0.011	94	12054	0.5000	0.5618	
114 2-Chlorotoluene	91	9.767	9.767	0.000	91	7992	0.5000	0.5042	
116 1,3,5-Trimethylbenzene	105	9.836	9.835	0.001	91	8293	0.5000	0.4895	
110 4-Chlorotoluene	91	9.881	9.870	0.011	93	7003	0.5000	0.4703	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	2798	0.5000	0.5115	
118 tert-Butylbenzene	119	10.110	10.110	0.000	93	7854	0.5000	0.5233	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	93	8274	0.5000	0.4944	
120 sec-Butylbenzene	105	10.304	10.293	0.011	98	10551	0.5000	0.5106	
121 4-Isopropyltoluene	119	10.430	10.418	0.012	97	9269	0.5000	0.5133	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	87	5319	0.5000	0.5085	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	94	188235	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	44	6208	0.5000	0.5702	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	87	8776	0.5000	0.4963	
125 Benzyl chloride	91	10.636	10.635	0.001	97	5945	0.5000	0.4963	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	9915	0.5000	0.5396	
126 p-Diethylbenzene	119	10.739	10.738	0.001	95	5308	0.5000	0.5459	
127 n-Butylbenzene	92	10.761	10.761	0.000	94	4055	0.5000	0.5093	
128 1,2-Dichlorobenzene	146	10.819	10.818	0.001	94	6128	0.5000	0.6064	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	95	7874	0.5000	0.5579	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	28	854	0.5000	0.5830	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	92	3486	0.5000	0.5755	
131 1,2,4-Trichlorobenzene	180	12.019	12.018	0.001	50	2853	0.5000	0.5294	
133 Hexachlorobutadiene	225	12.099	12.098	0.001	41	1269	0.5000	0.4787	
134 Naphthalene	128	12.202	12.201	0.001	98	7524	0.5000	0.4712	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	91	2928	0.5000	0.5745	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.27	
S 137 Xylenes, Total	100				0		1.00	1.06	
S 138 1,3-Dichloropropene, Total	1				0		1.00	1.13	
S 139 Total BTEX	1				0		2.50	2.83	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00155	Amount Added:	5.00	Units: uL	
524freon_00053	Amount Added:	5.00	Units: uL	
ACROLEIN W_00141	Amount Added:	2.00	Units: uL	
14DIOXINTER_00143	Amount Added:	15.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:47:29 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D

Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7

Lims ID: STD05

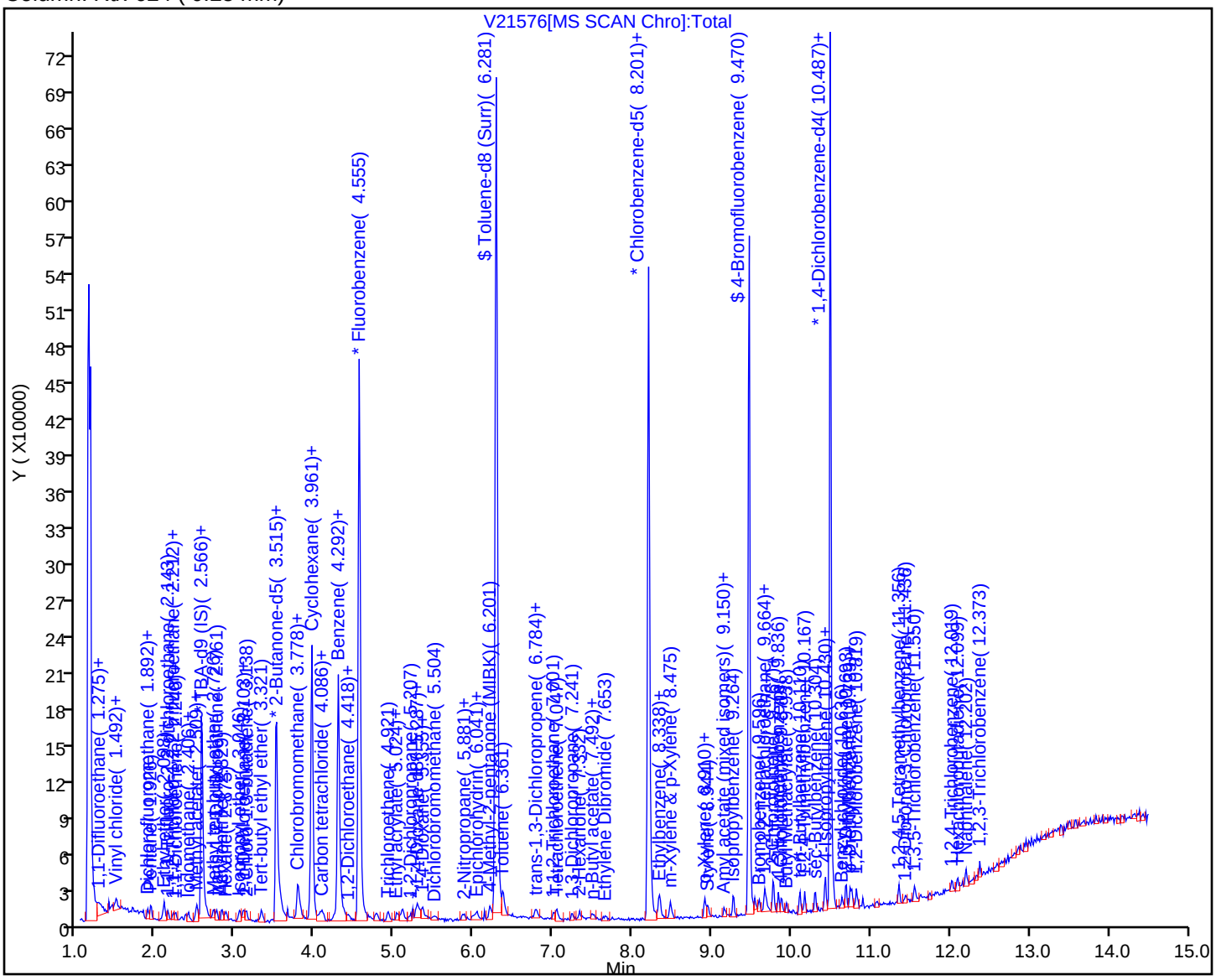
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

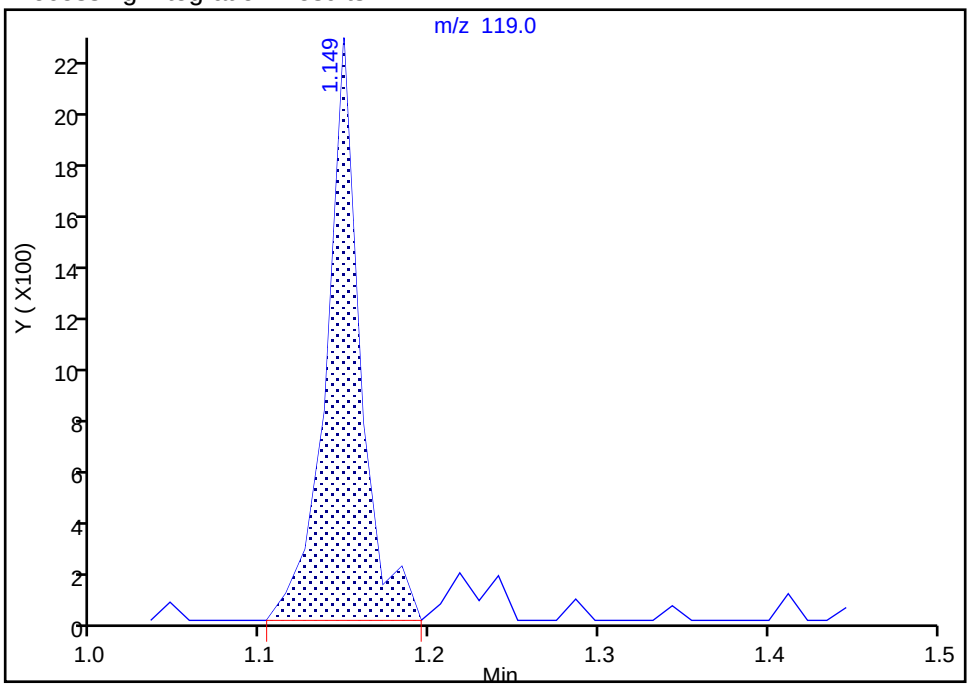
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

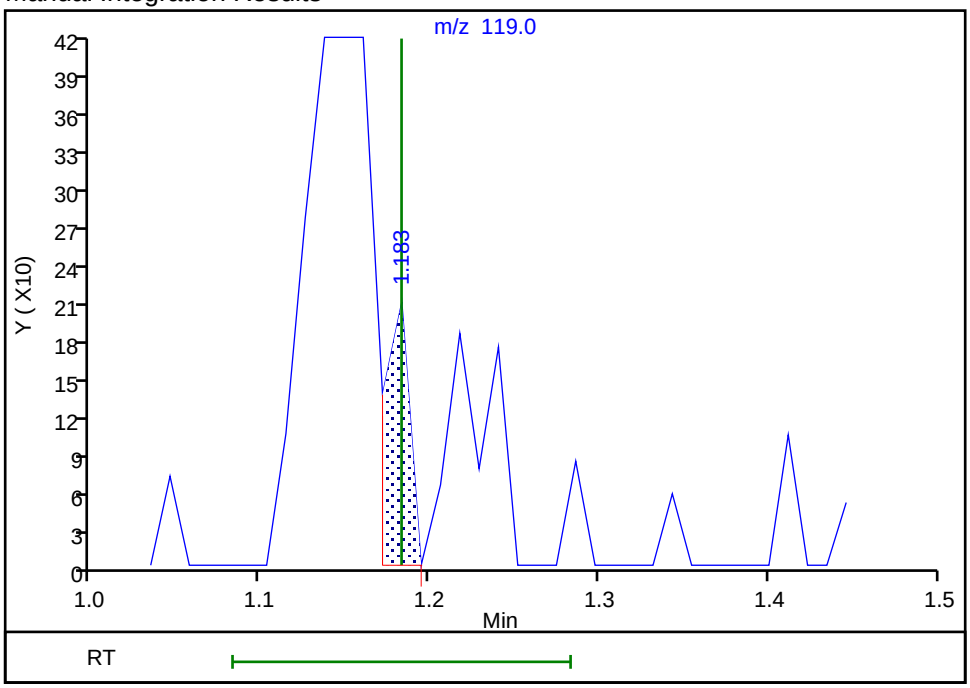
Processing Integration Results

RT: 1.15
Area: 3141
Amount: 5.190867
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 237
Amount: 0.584943
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:53:08
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

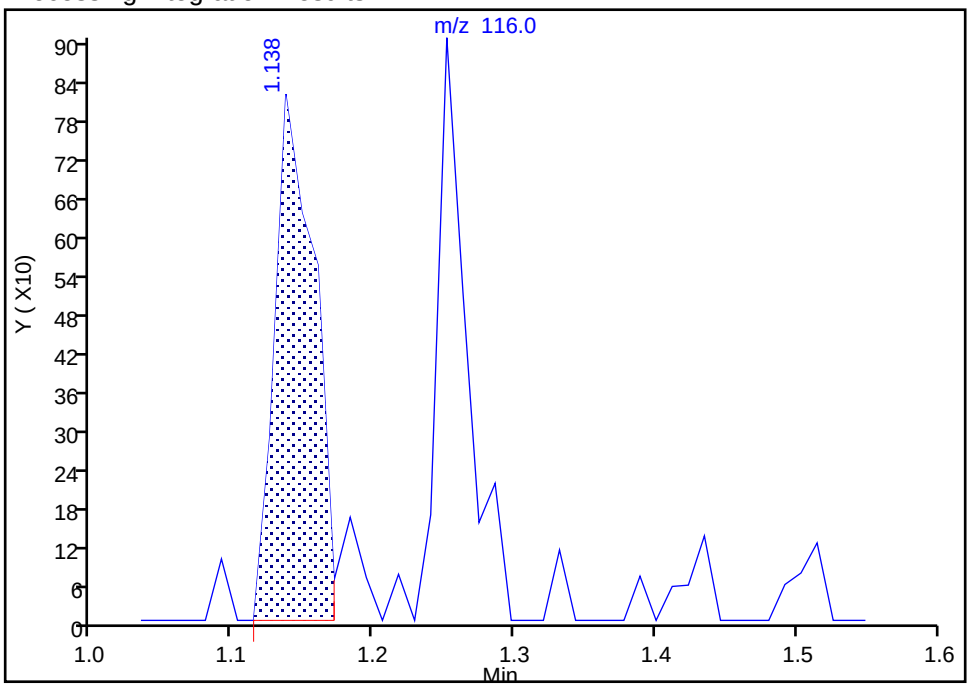
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

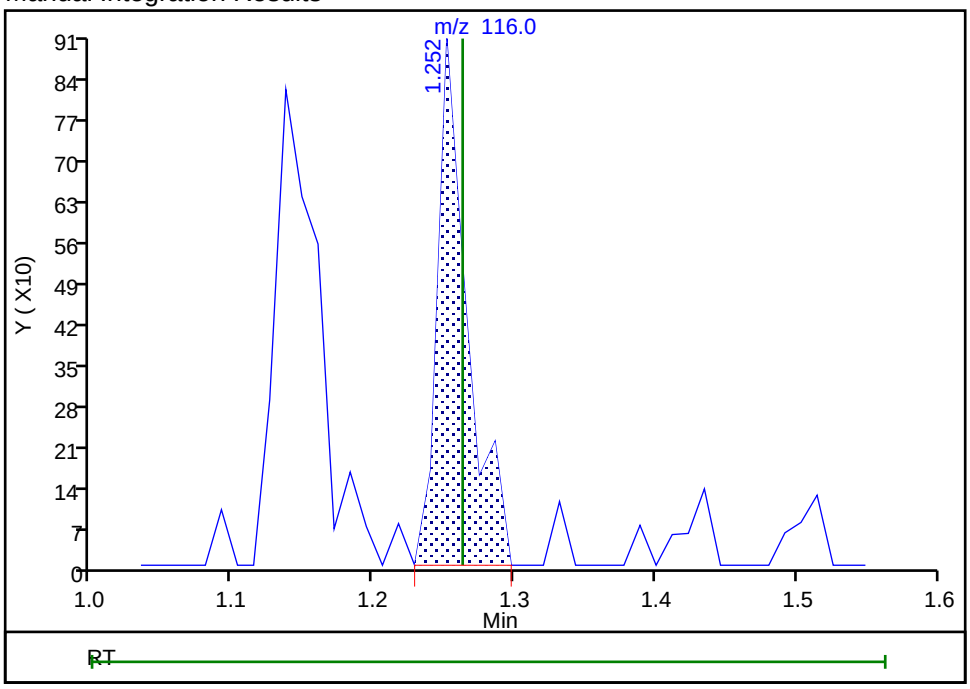
Processing Integration Results

RT: 1.14
Area: 1621
Amount: 0.678214
Amount Units: ug/l



Manual Integration Results

RT: 1.25
Area: 1341
Amount: 0.678785
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:53:13
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

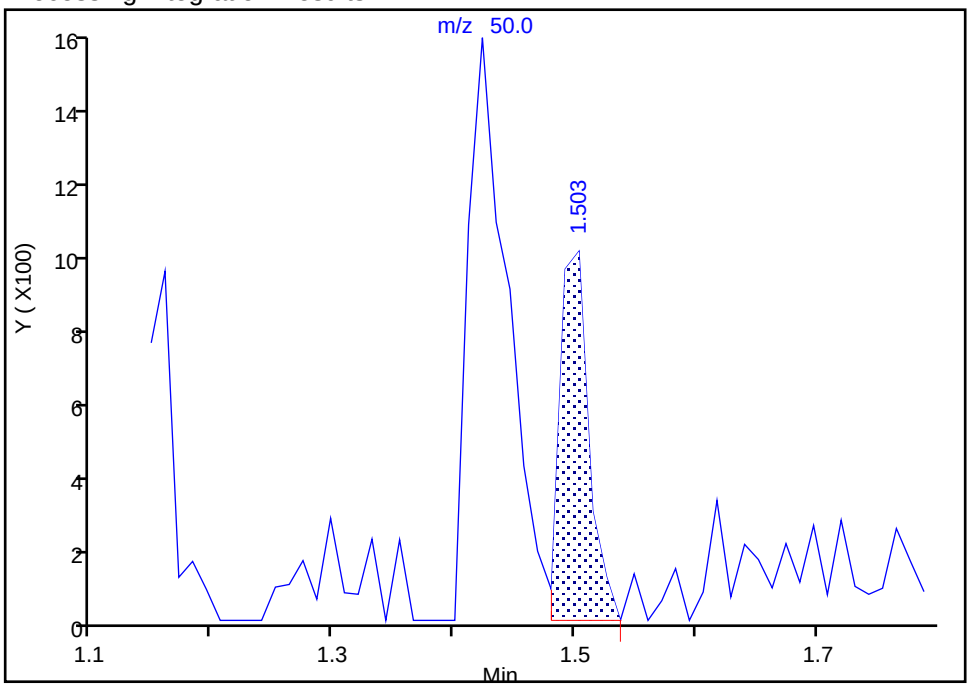
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

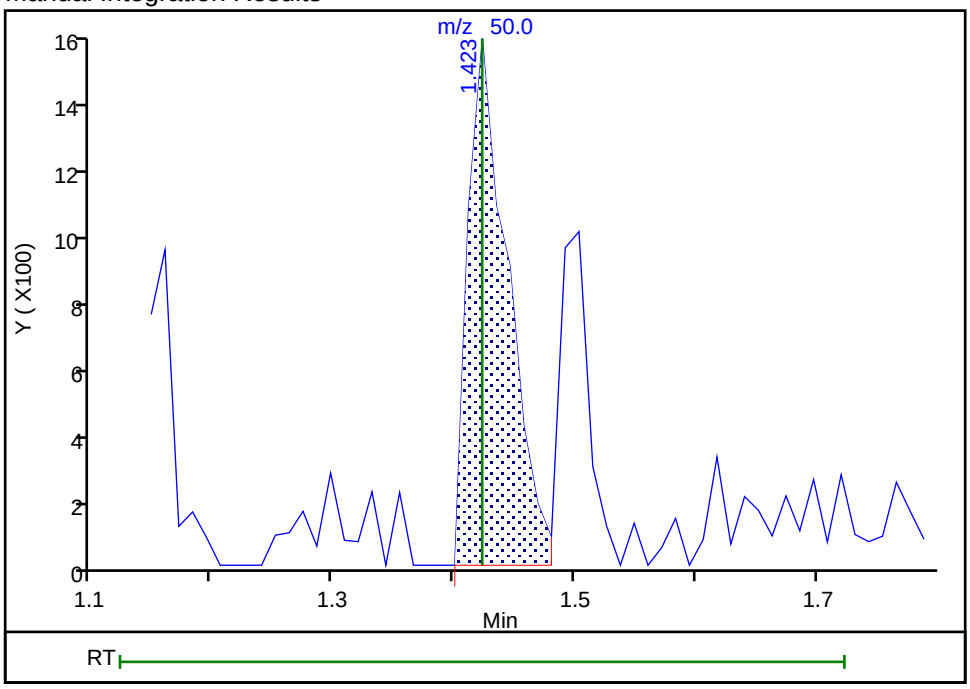
Processing Integration Results

RT: 1.50
Area: 1639
Amount: 0.308110
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 3559
Amount: 0.475046
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:53:19
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

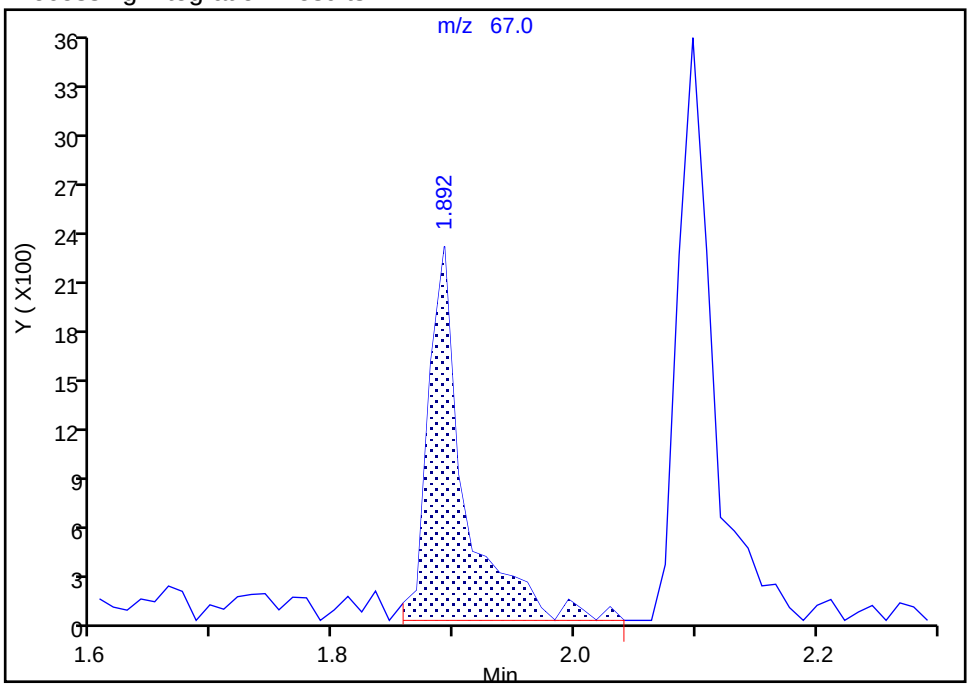
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

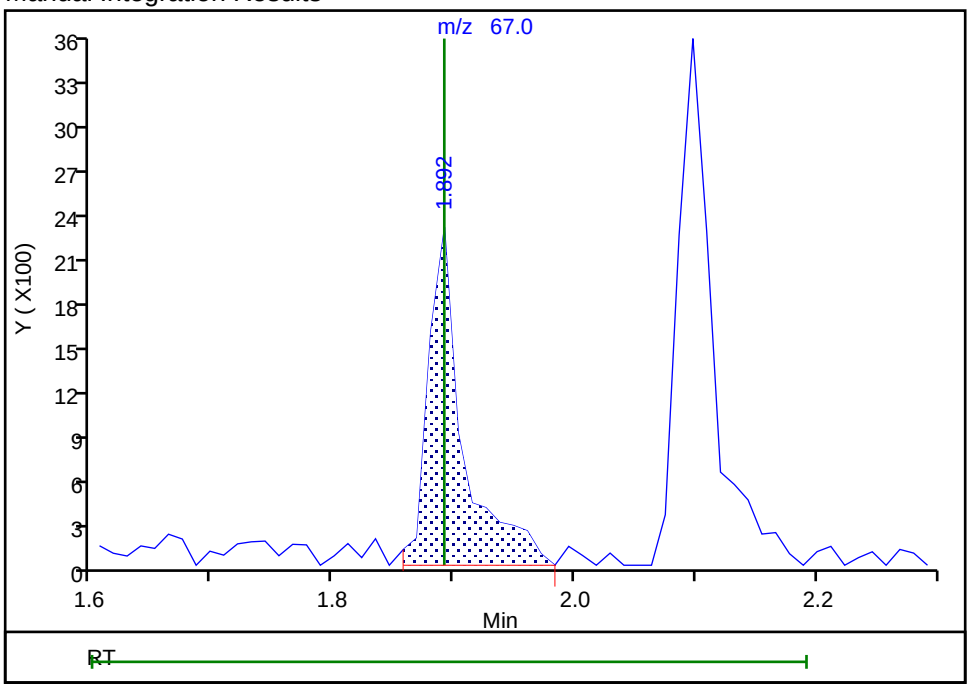
Processing Integration Results

RT: 1.89
Area: 4845
Amount: 0.637155
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 4654
Amount: 0.620236
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:53:26
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

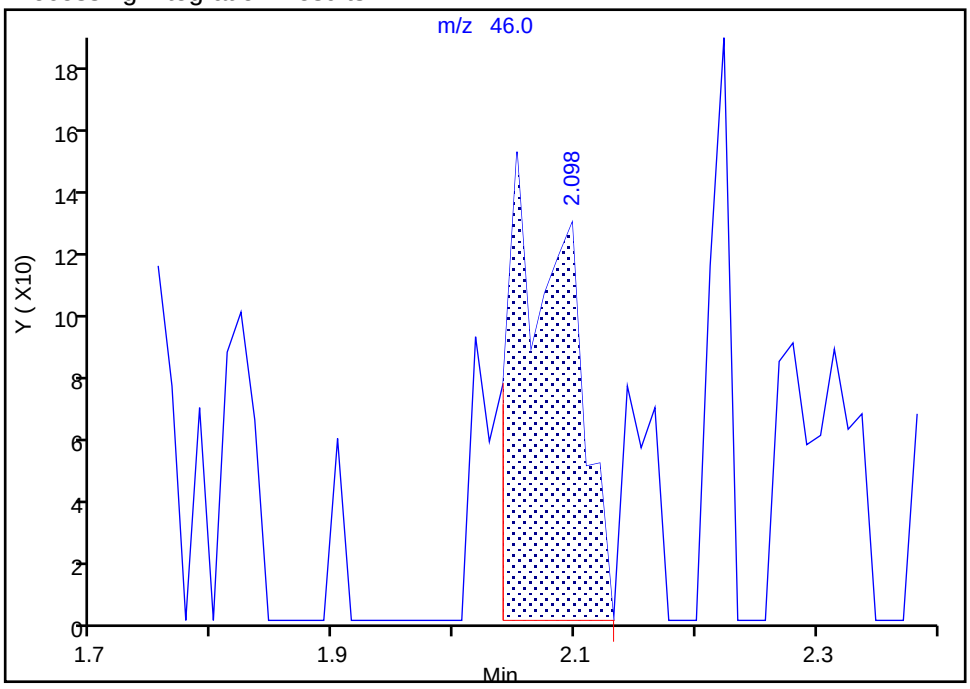
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

17 Ethanol, CAS: 64-17-5

Signal: 1

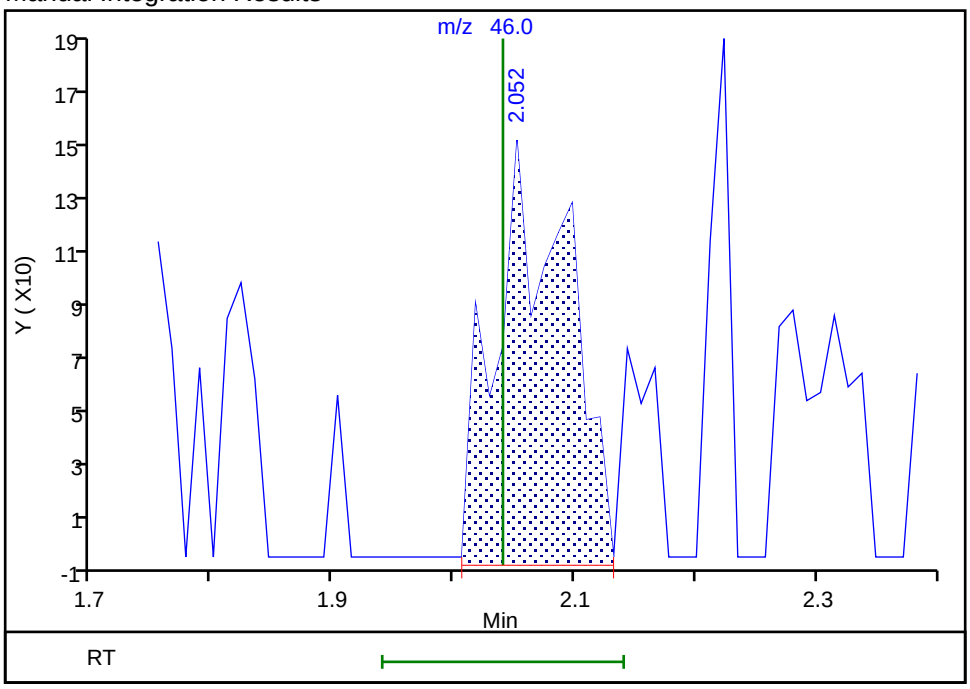
Processing Integration Results

RT: 2.10
Area: 528
Amount: 29.800299
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 656
Amount: 39.620394
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:53:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

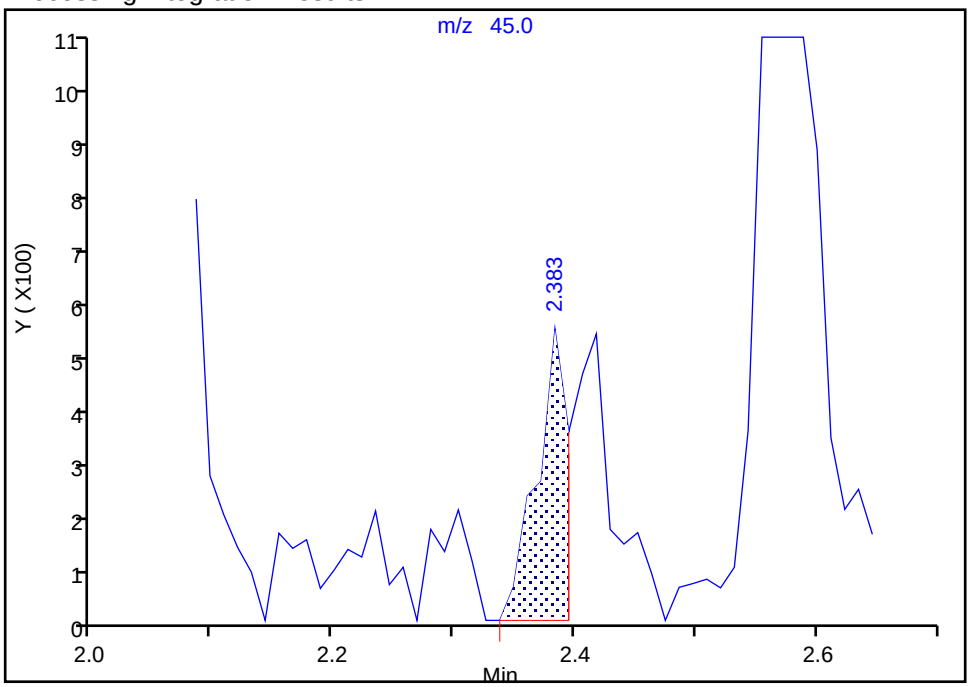
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

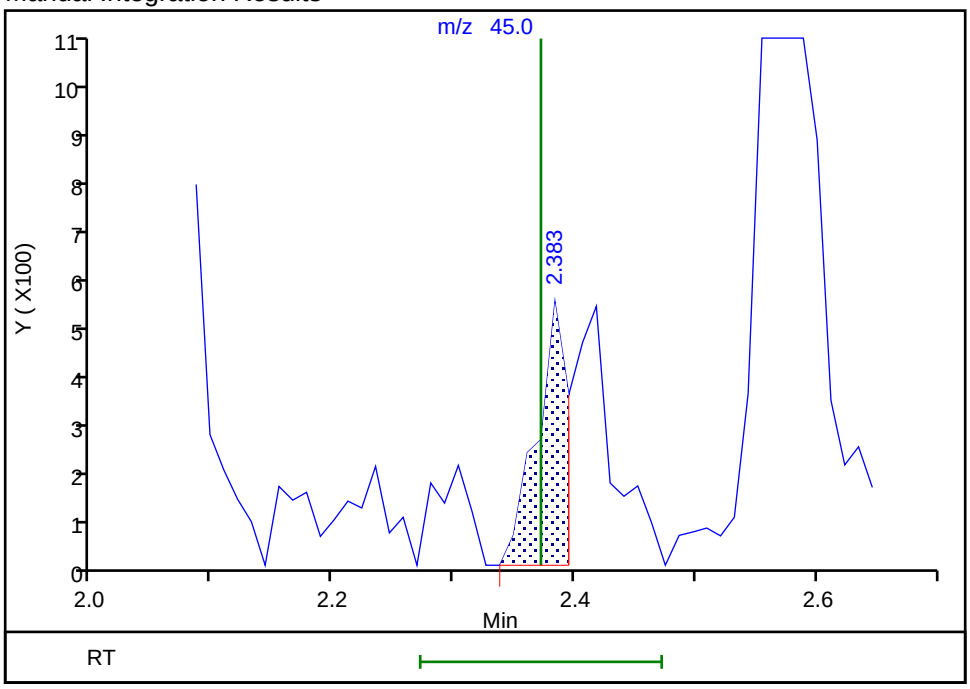
Processing Integration Results

RT: 2.38
Area: 984
Amount: 4.904645
Amount Units: ug/l



Manual Integration Results

RT: 2.38
Area: 984
Amount: 4.646530
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:54:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

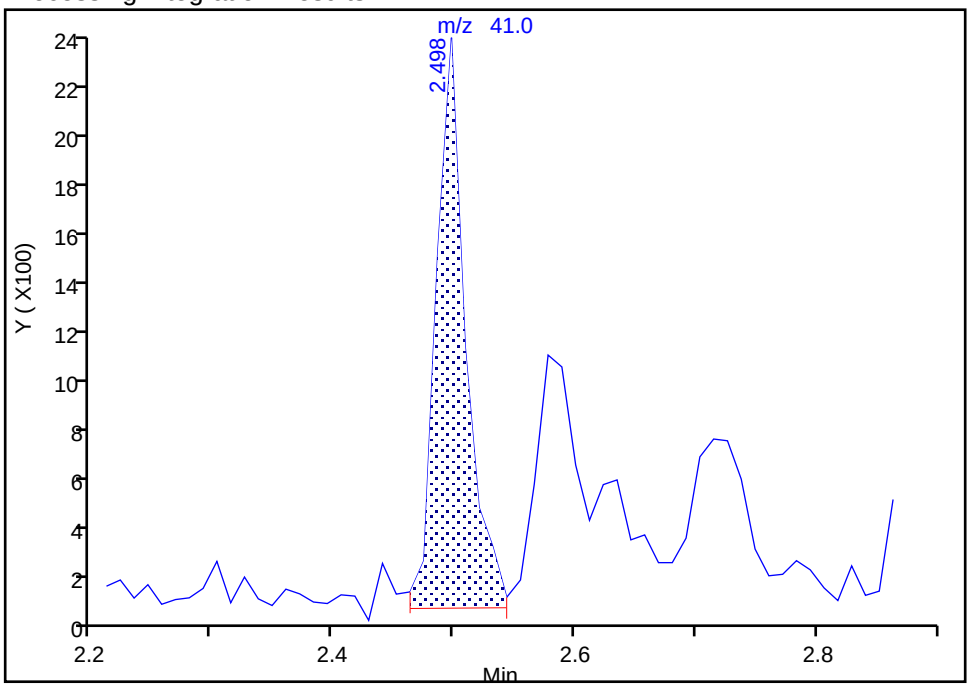
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

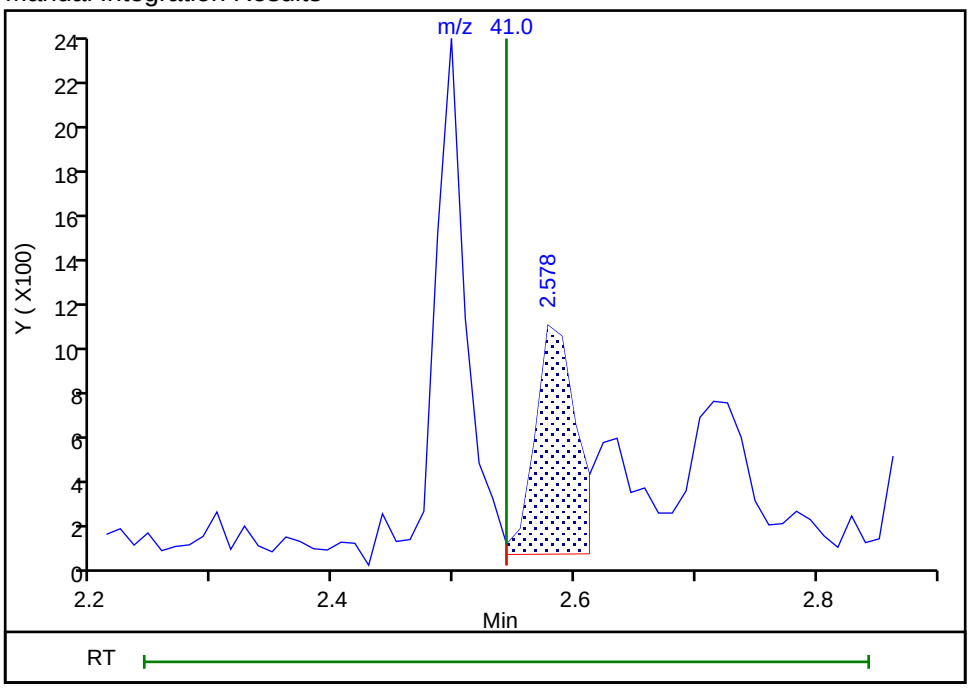
Processing Integration Results

RT: 2.50
Area: 3937
Amount: 8.837834
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 2458
Amount: 4.870672
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:54:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

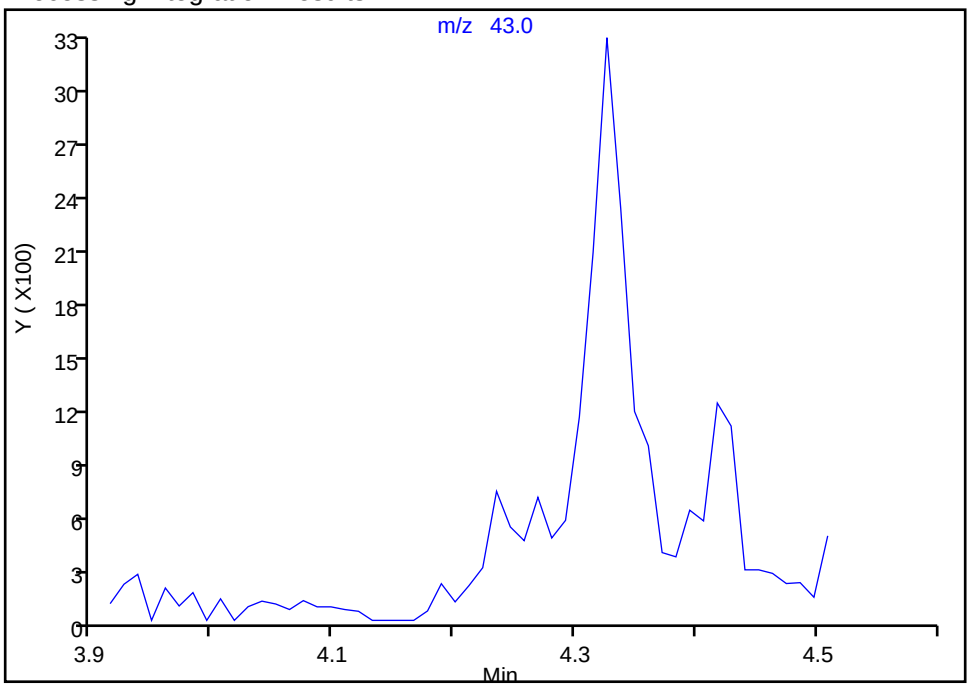
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

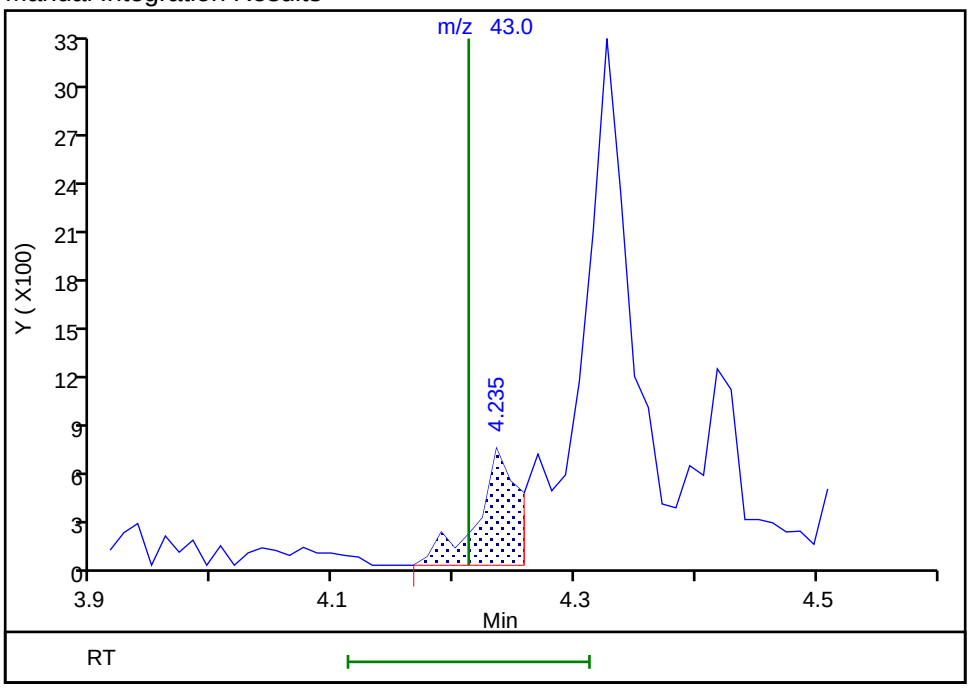
Not Detected
Expected RT: 4.21

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 1750
Amount: 12.274451
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:55:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

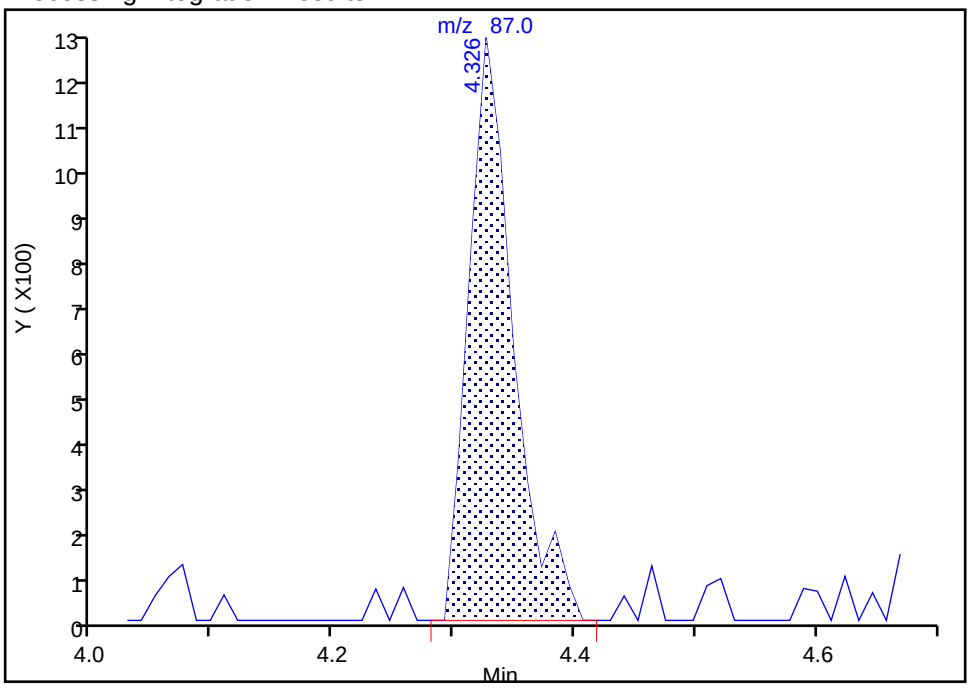
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

66 Isopropyl acetate, CAS: 108-21-4

Signal: 1

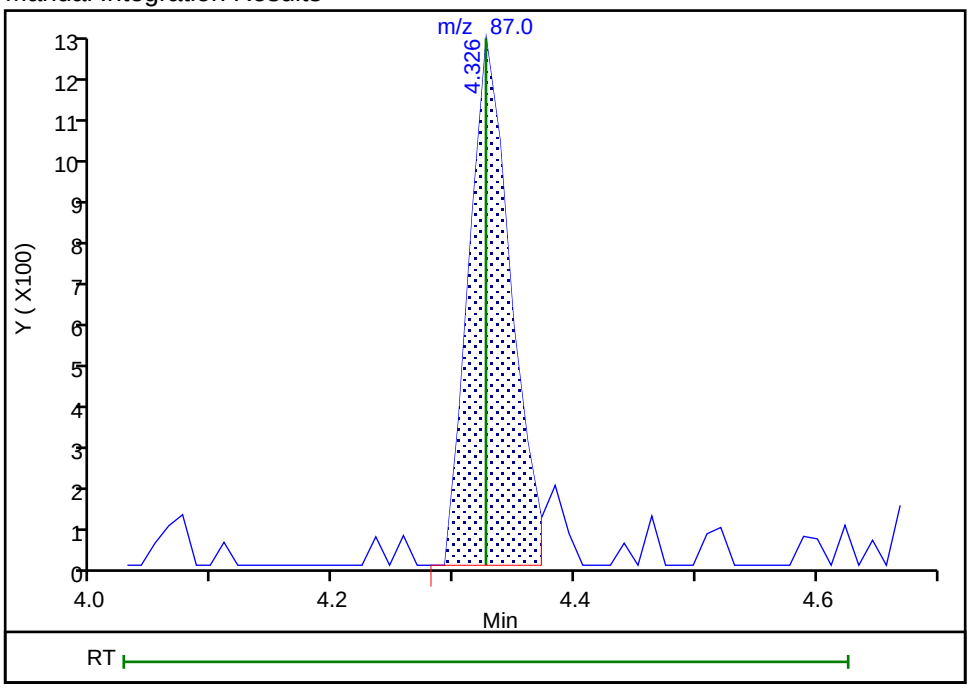
Processing Integration Results

RT: 4.33
Area: 3185
Amount: 1.154565
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 3004
Amount: 0.625179
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:55:17
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

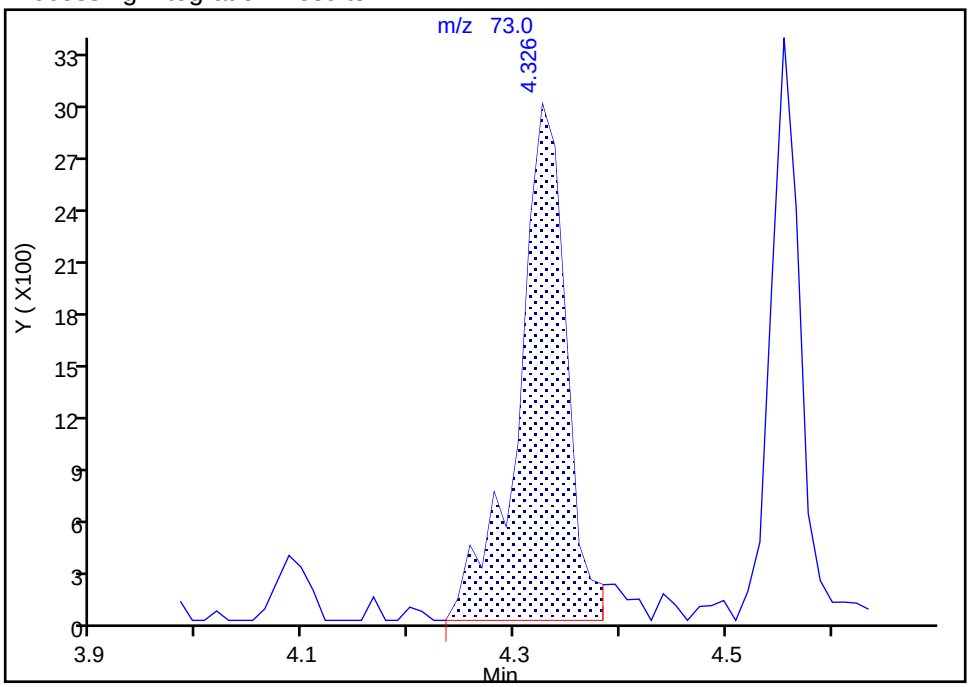
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

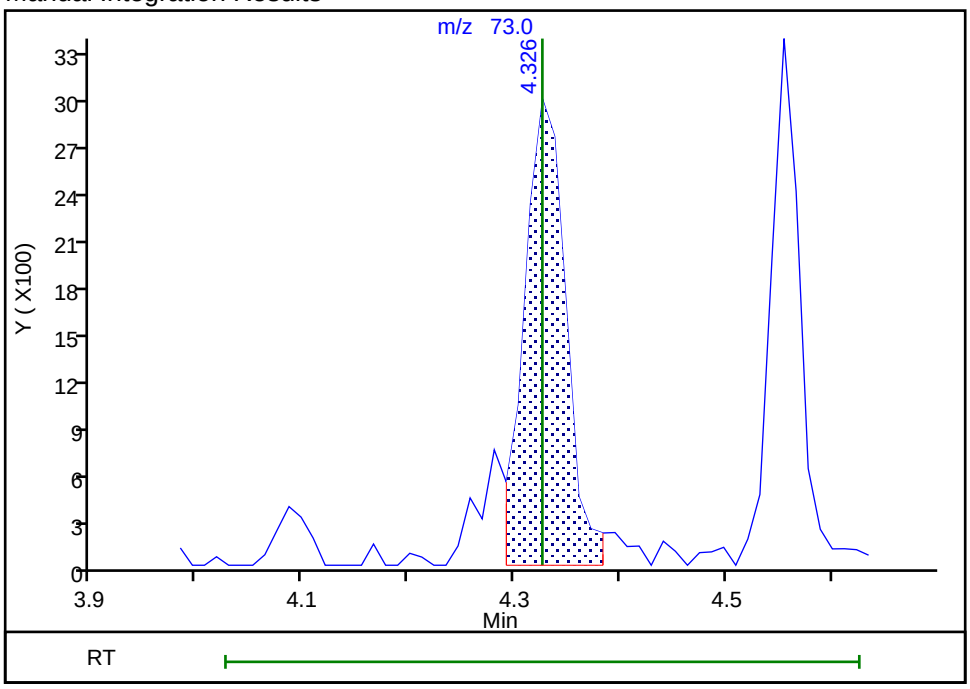
Processing Integration Results

RT: 4.33
Area: 9327
Amount: 0.618461
Amount Units: ug/l



Manual Integration Results

RT: 4.33
Area: 8243
Amount: 0.561718
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:55:22
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

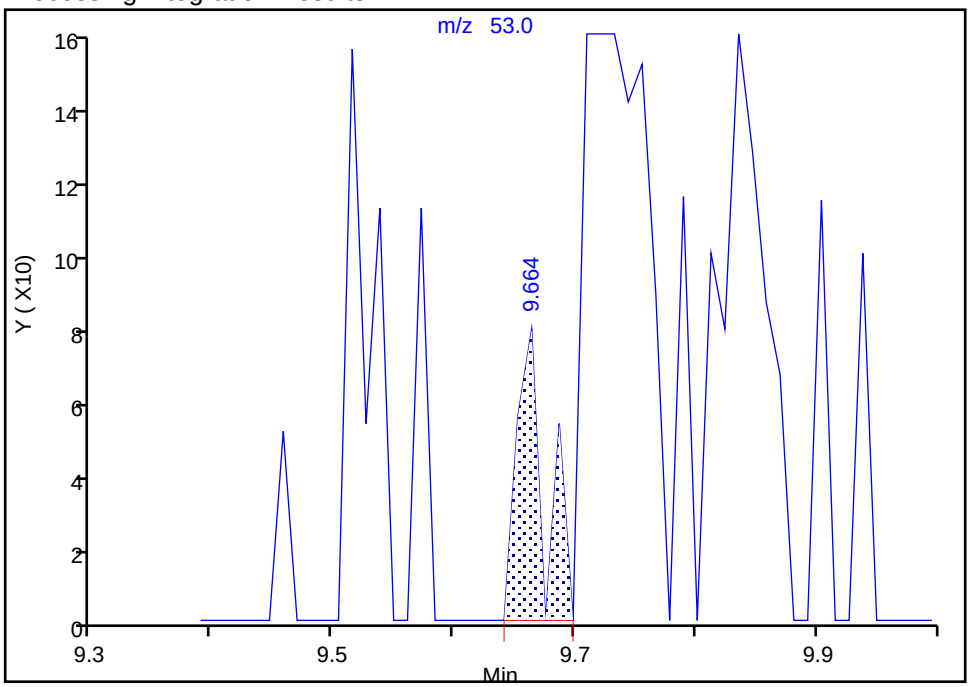
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Signal: 1

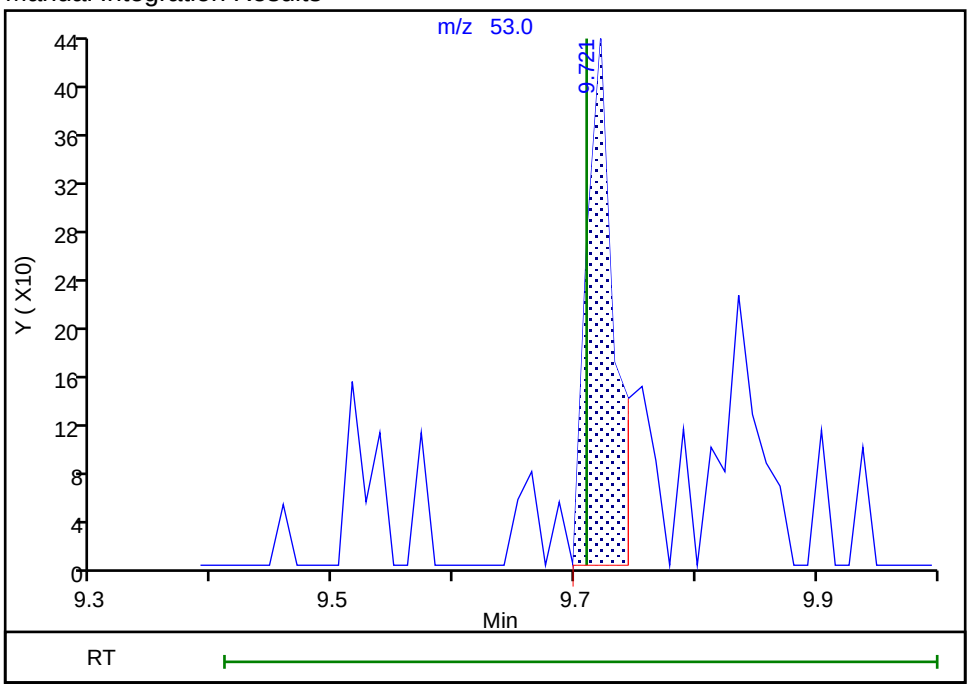
Processing Integration Results

RT: 9.66
Area: 126
Amount: 0.078425
Amount Units: ug/l



Manual Integration Results

RT: 9.72
Area: 690
Amount: 0.429479
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:55:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

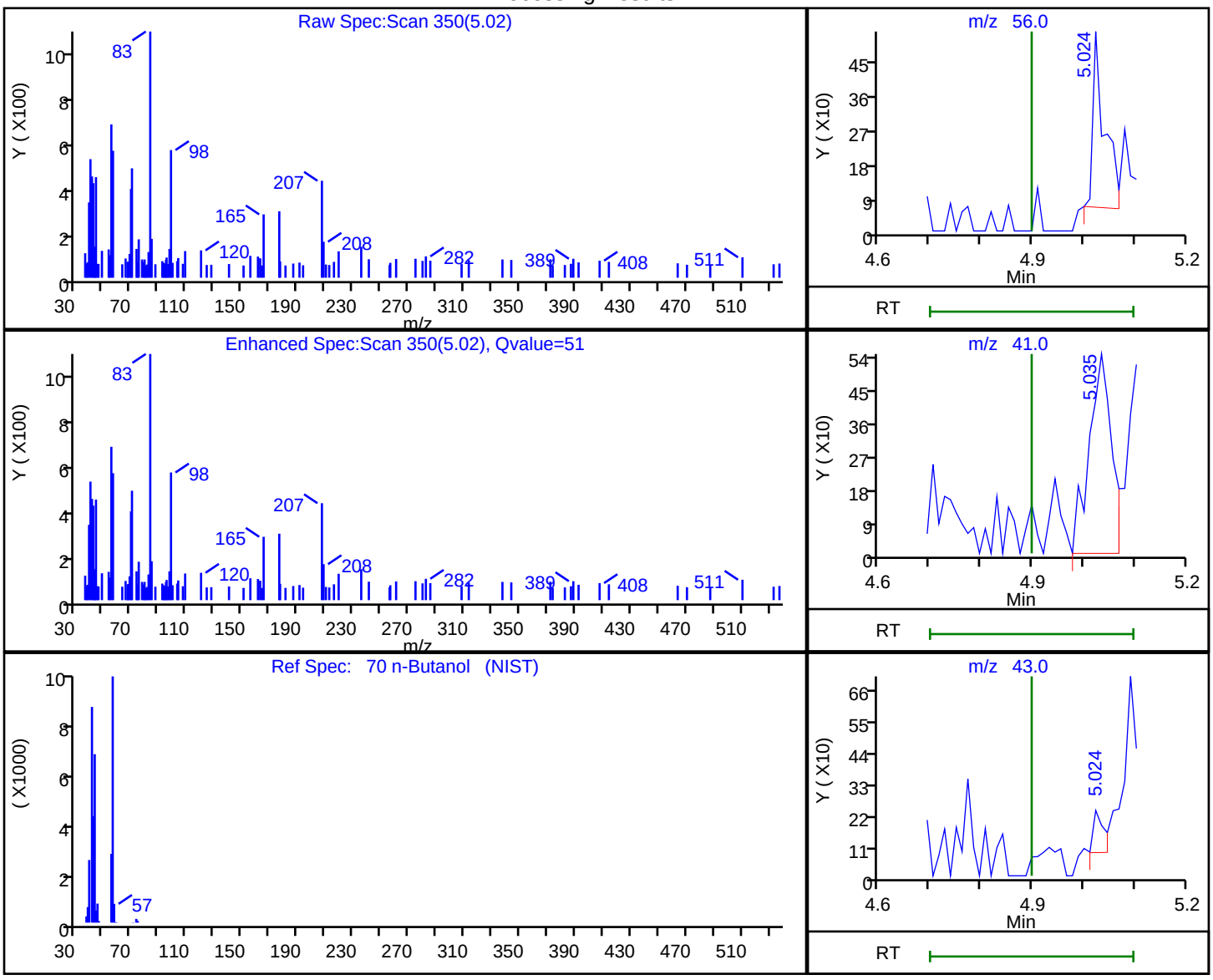
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21576.D
Injection Date: 01-Jul-2022 01:55:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.02	56.00	752	12.128269
5.04	41.00	1690	
5.02	43.00	218	

Reviewer: NN6A, 01-Jul-2022 12:55:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 01-Jul-2022 02:37:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0147308-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:47:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 03:22:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	65	1719	5.00	4.53	a
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	83	9217	5.00	4.98	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	89	9236	5.00	4.81	
5 Dichlorodifluoromethane	85	1.275	1.275	0.000	95	22876	5.00	5.39	
2 Chlorodifluoromethane	67	1.297	1.297	0.000	99	4319	5.00	5.66	
6 Chloromethane	50	1.423	1.423	0.000	98	22906	5.00	4.93	
7 Vinyl chloride	62	1.480	1.480	0.000	97	23986	5.00	4.82	
8 Butadiene	54	1.503	1.503	0.000	94	20076	5.00	4.58	
9 Bromomethane	94	1.697	1.697	0.000	98	15248	5.00	4.52	
10 Chloroethane	64	1.766	1.766	0.000	99	14609	5.00	4.82	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	34380	5.00	4.89	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	97	29694	5.00	4.81	
13 Pentane	72	1.926	1.926	0.000	96	7890	10.0	10.1	
17 Ethanol	46	2.040	2.040	0.000	94	2635	200.0	180.4	
14 Ethyl ether	74	2.075	2.075	0.000	91	12021	5.00	4.79	
15 2-Methyl-1,3-butadiene	53	2.097	2.097	0.000	93	17288	5.00	4.38	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	90	21746	5.00	5.30	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	96	29216	5.00	5.01	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	97	19661	5.00	5.05	
52 Acrolein	56	2.212	2.212	0.000	71	11765	20.0	18.9	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	97	20113	5.00	5.10	
23 Acetone	43	2.303	2.303	0.000	86	28362	25.0	24.1	
21 Iodomethane	142	2.372	2.372	0.000	97	30080	5.00	4.63	
24 Isopropyl alcohol	45	2.372	2.372	0.000	46	9508	50.0	50.9	
22 Carbon disulfide	76	2.406	2.406	0.000	99	54663	5.00	4.60	
30 Methyl acetate	43	2.498	2.498	0.000	97	31684	10.0	9.51	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	83	13732	5.00	4.52	
25 Cyclopentene	67	2.509	2.509	0.000	90	50513	5.00	4.80	
27 Acetonitrile	41	2.555	2.555	0.000	20	24267	50.0	56.2	a
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	100	28405	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
29 Methylene Chloride	84	2.600	2.600	0.000	85	21053	5.00	5.01	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	23077	50.0	55.8	
32 Methyl tert-butyl ether	73	2.715	2.715	0.000	95	61029	5.00	4.67	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	86	23137	5.00	4.80	
35 Acrylonitrile	53	2.806	2.806	0.000	93	74171	50.0	45.7	
36 Hexane	57	2.875	2.875	0.000	90	22375	5.00	4.84	
37 Isopropyl ether	45	3.046	3.046	0.000	94	56607	5.00	4.56	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	99	34968	5.00	4.65	
40 Vinyl acetate	86	3.103	3.103	0.000	99	9404	10.0	10.1	
39 2-Chloro-1,3-butadiene	88	3.126	3.126	0.000	90	21135	5.00	4.91	
41 Tert-butyl ethyl ether	59	3.320	3.320	0.000	89	58027	5.00	4.59	
* 42 2-Butanone-d5	46	3.503	3.503	0.000	99	183353	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	93	8556	5.00	4.96	
45 cis-1,2-Dichloroethene	96	3.560	3.560	0.000	94	25597	5.00	4.76	
44 2-Butanone (MEK)	72	3.560	3.560	0.000	97	14472	25.0	26.1	
47 Ethyl acetate	70	3.560	3.560	0.000	93	5777	10.0	11.9	
46 Methyl acrylate	55	3.618	3.618	0.000	99	16173	5.00	4.47	
48 Propionitrile	54	3.686	3.686	0.000	98	30707	50.0	51.5	
50 Tetrahydrofuran	72	3.766	3.766	0.000	71	7075	10.0	9.87	
49 Chlorobromomethane	128	3.766	3.766	0.000	74	12279	5.00	4.53	
54 Methacrylonitrile	67	3.778	3.778	0.000	91	96246	50.0	46.4	
51 Chloroform	83	3.812	3.812	0.000	97	34806	5.00	4.66	
53 Cyclohexane	84	3.938	3.938	0.000	89	30005	5.00	4.71	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	95	33291	5.00	4.88	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	129223	50.0	49.3	
57 Carbon tetrachloride	117	4.052	4.052	0.000	97	27545	5.00	4.93	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	96	30112	5.00	5.01	
61 Isobutyl alcohol	43	4.223	4.223	0.000	56	25068	125.0	115.9	a
64 Isooctane	57	4.235	4.235	0.000	97	49529	5.00	5.01	
59 Benzene	78	4.281	4.281	0.000	94	83895	5.00	4.63	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	128758	50.0	48.9	
66 Isopropyl acetate	87	4.326	4.326	0.000	79	19783	5.00	4.40	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	92	62554	5.00	4.55	
63 1,2-Dichloroethane	62	4.372	4.372	0.000	96	26333	5.00	4.83	
65 n-Heptane	57	4.418	4.418	0.000	91	8761	5.00	4.19	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	462988	50.0	50.0	
70 n-Butanol	56	4.943	4.943	0.000	22	4474	125.0	63.4	a
69 Trichloroethene	95	4.921	4.921	0.000	92	21253	5.00	4.59	
72 Methylcyclohexane	83	5.035	5.035	0.000	85	30104	5.00	4.85	
71 Ethyl acrylate	99	5.035	5.035	0.000	93	2763	5.00	4.07	
73 1,2-Dichloropropane	63	5.206	5.206	0.000	88	18823	5.00	4.67	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	51	17454	1000.0	1000.0	
74 Methyl methacrylate	100	5.286	5.286	0.000	88	12658	10.0	8.80	
78 1,4-Dioxane	88	5.344	5.344	0.000	28	5393	100.0	78.2	
77 n-Propyl acetate	43	5.344	5.344	0.000	98	28091	5.00	4.72	
75 Dibromomethane	93	5.344	5.344	0.000	73	11987	5.00	4.46	
76 Dichlorobromomethane	83	5.504	5.504	0.000	98	26146	5.00	4.72	
34 2-Nitropropane	41	5.846	5.846	0.000	96	13918	10.0	9.37	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	79	12208	5.01	4.40	
80 Epichlorohydrin	57	5.972	5.972	0.000	99	44720	100.0	103.7	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	33693	5.00	4.59	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	95	88278	25.0	24.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	577122	50.0	49.0	
83 Toluene	91	6.372	6.372	0.000	93	93060	5.00	4.53	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	29036	5.00	4.36	
86 Ethyl methacrylate	69	6.807	6.807	0.000	88	20684	5.00	4.03	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	93	17061	5.00	4.86	
88 Tetrachloroethene	166	7.047	7.047	0.000	95	24492	5.00	4.69	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	93	31644	5.00	4.68	
91 2-Hexanone	43	7.309	7.309	0.000	93	55760	25.0	24.4	
92 n-Butyl acetate	43	7.458	7.458	0.000	96	26311	5.00	4.45	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	22045	5.00	4.64	
93 Ethylene Dibromide	107	7.652	7.652	0.000	98	19565	5.00	4.56	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	357391	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	63562	5.00	4.71	
97 Ethylbenzene	106	8.327	8.327	0.000	98	32604	5.00	4.76	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	93	21888	5.00	4.97	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	40191	5.00	4.80	
100 o-Xylene	106	8.910	8.910	0.000	95	37723	5.00	4.51	
99 n-Butyl acrylate	73	8.910	8.910	0.000	95	12880	5.00	3.99	
101 Styrene	104	8.944	8.944	0.000	97	60568	5.00	4.70	
102 Amyl acetate (mixed isomers)	43	9.150	9.150	0.000	93	28413	5.00	4.38	
103 Bromoform	173	9.150	9.150	0.000	76	14237	5.00	4.60	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	95754	5.00	4.63	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	161376	50.0	50.5	
107 Bromobenzene	156	9.595	9.595	0.000	90	26605	5.00	4.88	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	95	24563	5.00	4.39	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	108046	5.00	4.81	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	94	8159	5.00	4.50	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	88	7048	5.00	4.67	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	91385	5.00	4.54	
114 2-Chlorotoluene	91	9.767	9.767	0.000	98	68968	5.00	4.64	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	94	76772	5.00	4.83	
110 4-Chlorotoluene	91	9.870	9.870	0.000	97	67957	5.00	4.86	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	19834	5.00	3.86	
118 tert-Butylbenzene	119	10.110	10.110	0.000	98	69155	5.00	4.91	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	97	74491	5.00	4.74	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	93920	5.00	4.84	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	78975	5.00	4.66	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	98	47433	5.00	4.83	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	176684	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	47519	5.00	4.65	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	77164	5.00	4.65	
125 Benzyl chloride	91	10.635	10.635	0.000	99	49653	5.00	4.42	
111 2,3-Dihydroindene	117	10.693	10.693	0.000	94	80007	5.00	4.64	
126 p-Diethylbenzene	119	10.738	10.738	0.000	95	42760	5.00	4.68	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	32798	5.00	4.39	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	98	43483	5.00	4.58	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	97	55730	5.00	4.21	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	6638	5.00	4.83	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	95	25918	5.00	4.56	
131 1,2,4-Trichlorobenzene	180	12.018	12.018	0.000	93	23015	5.00	4.55	
133 Hexachlorobutadiene	225	12.098	12.098	0.000	90	8200	5.00	5.03	
134 Naphthalene	128	12.201	12.201	0.000	100	66059	5.00	4.41	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	93	21288	5.00	4.45	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.56	
S 137 Xylenes, Total	100				0		10.0	9.32	
S 138 1,3-Dichloropropene, Total	1				0		10.0	8.95	
S 139 Total BTEX	1				0		25.0	23.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
524freon_00053	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00155	Amount Added:	10.00	Units: uL	
GASES Li_00482	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:47:40 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D

Injection Date: 01-Jul-2022 02:37:30 Instrument ID: CVOAMS7

Lims ID: STD5

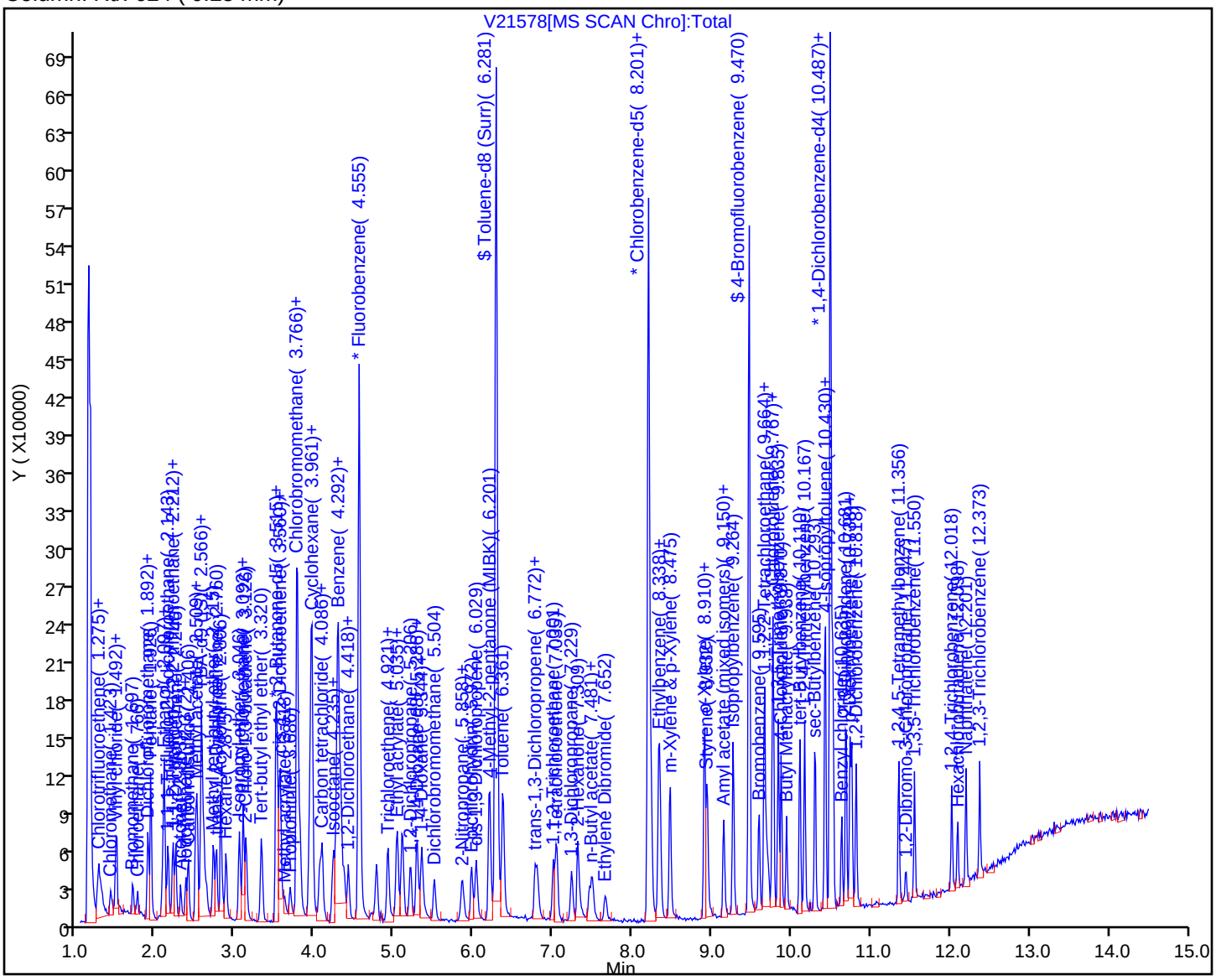
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

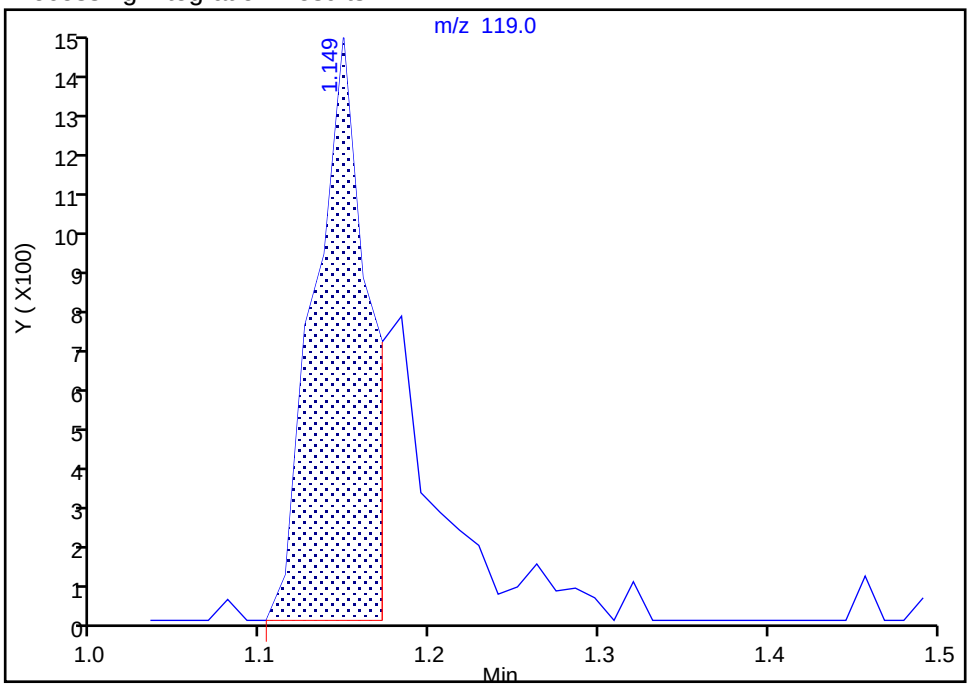
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D
Injection Date: 01-Jul-2022 02:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

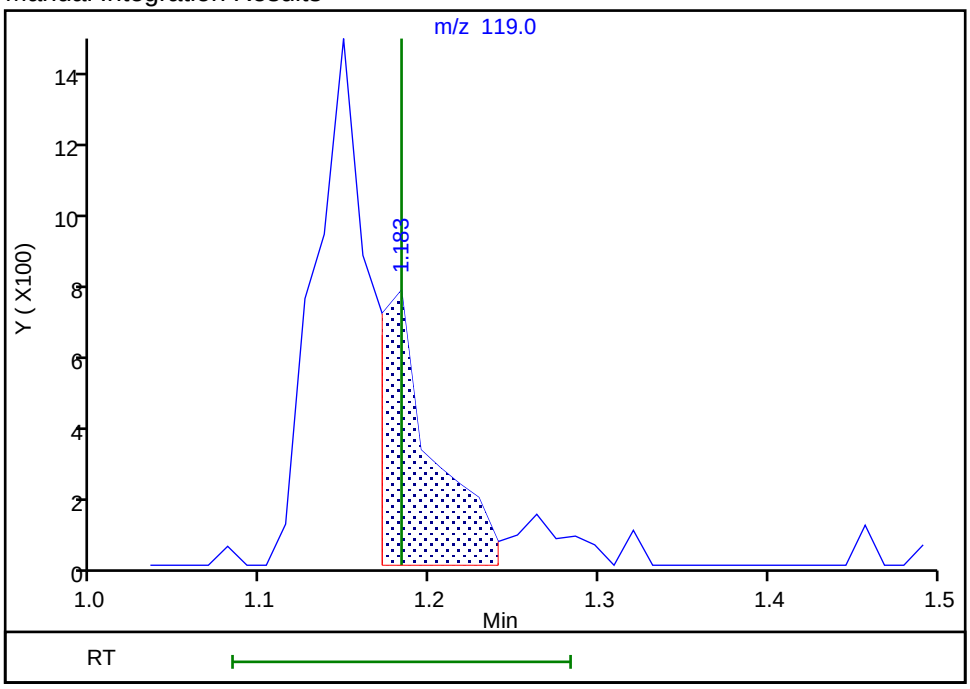
Processing Integration Results

RT: 1.15
Area: 3252
Amount: 7.503501
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 1719
Amount: 4.529035
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:56:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

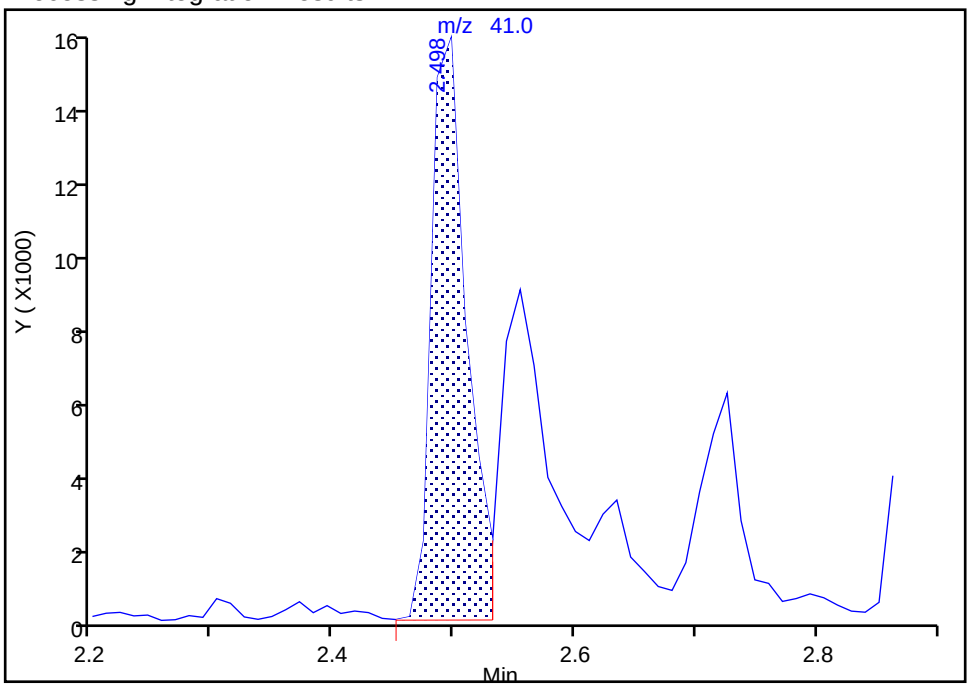
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D
Injection Date: 01-Jul-2022 02:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

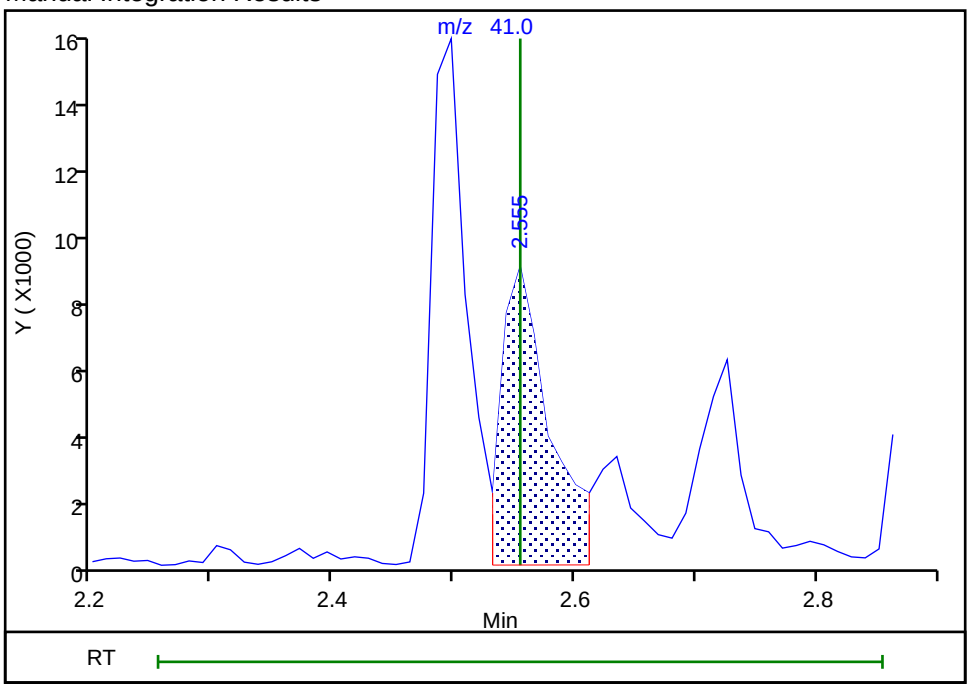
Processing Integration Results

RT: 2.50
Area: 31046
Amount: 81.443900
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 24267
Amount: 56.238644
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:56:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

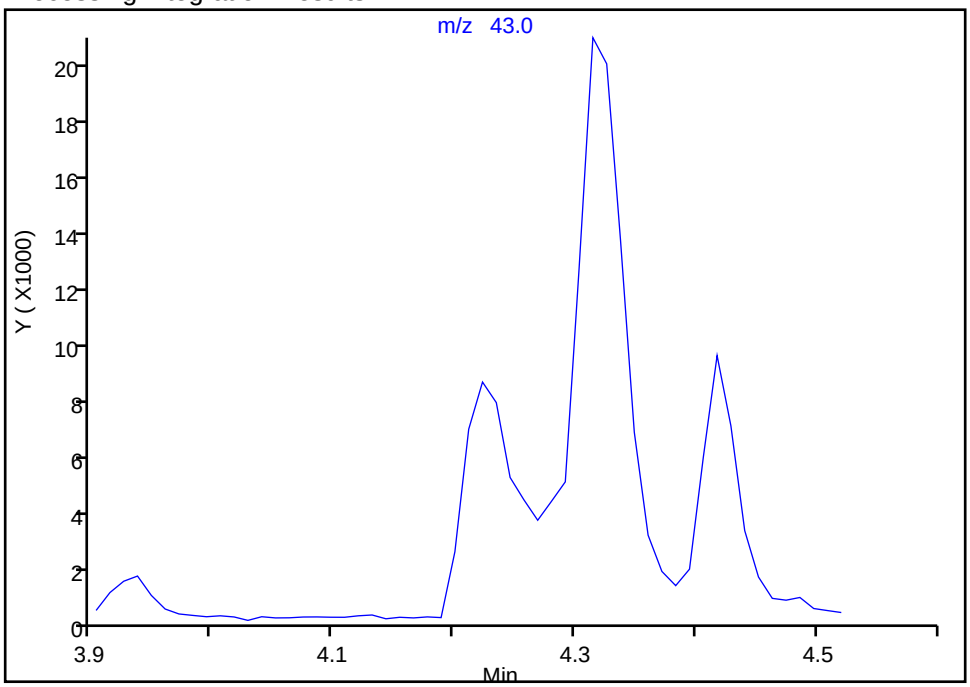
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D
Injection Date: 01-Jul-2022 02:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

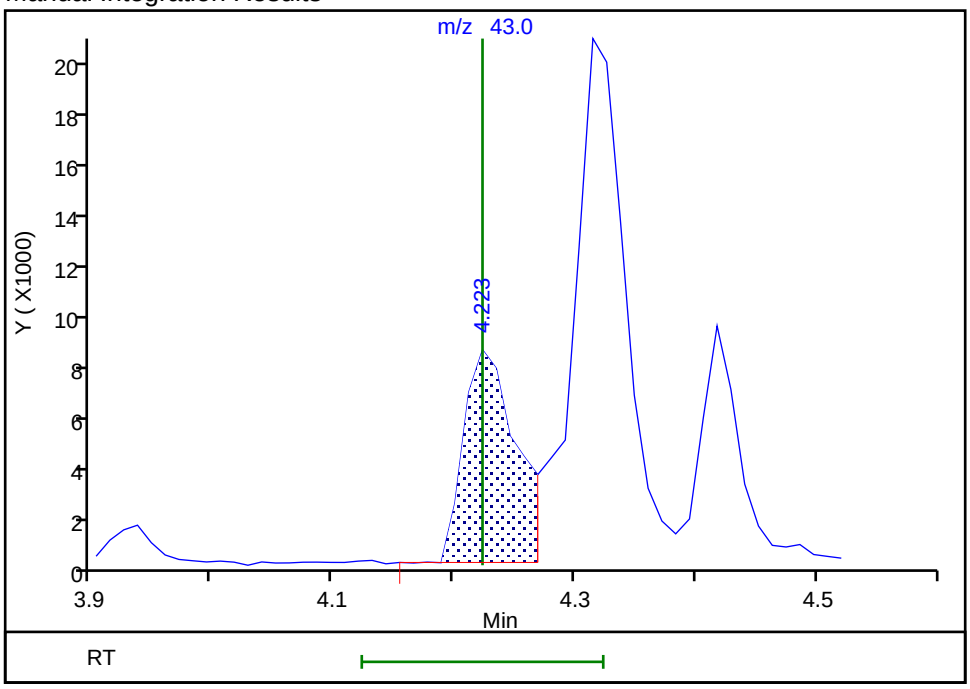
Not Detected
Expected RT: 4.22

Processing Integration Results



Manual Integration Results

RT: 4.22
Area: 25068
Amount: 115.8744
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:56:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

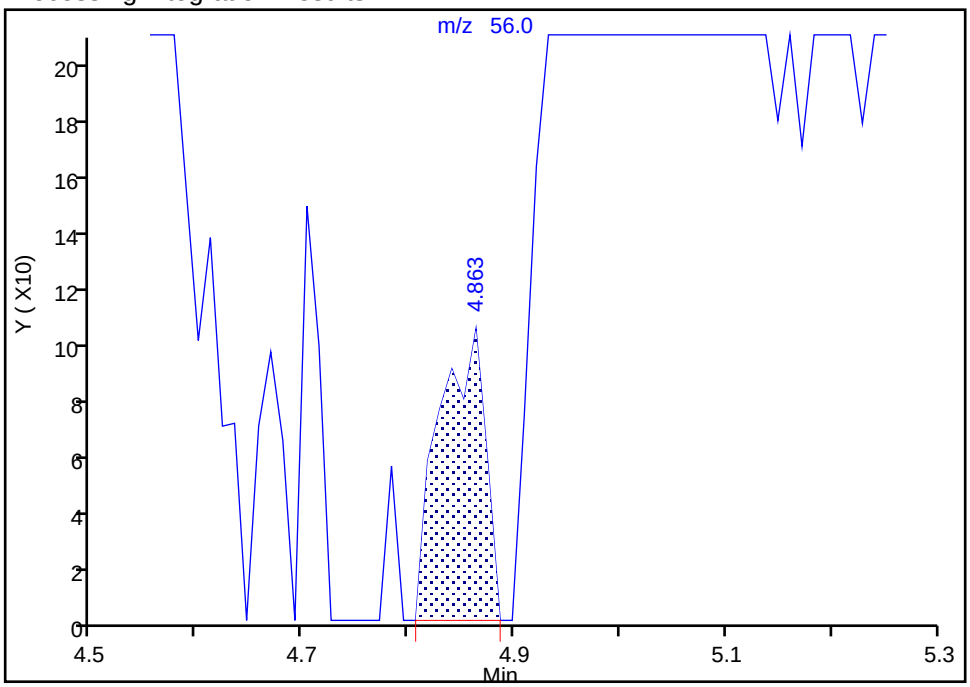
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21578.D
Injection Date: 01-Jul-2022 02:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Signal: 1

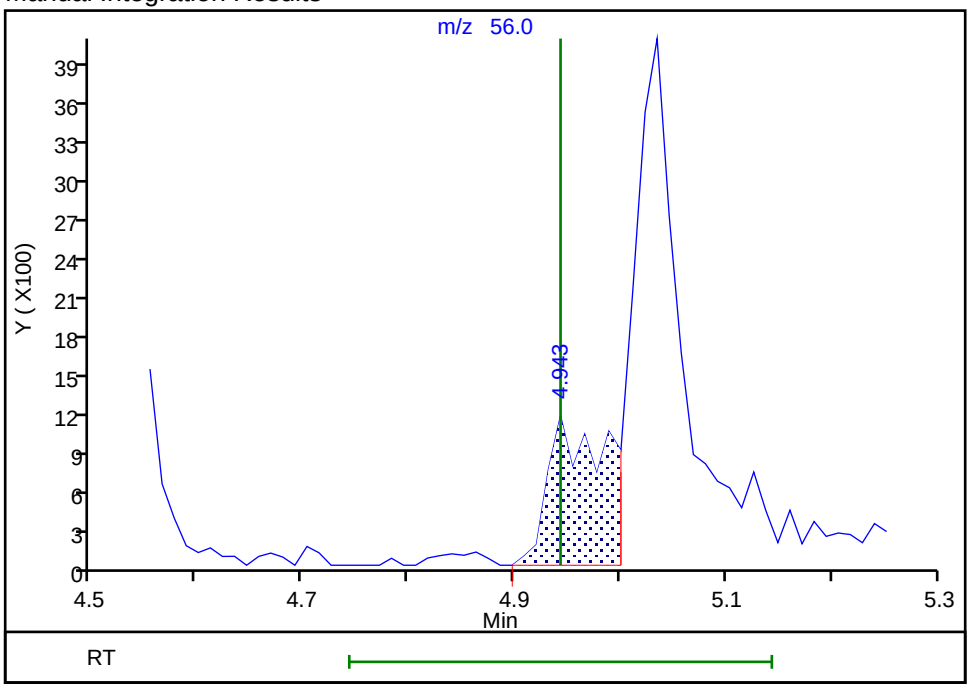
Processing Integration Results

RT: 4.86
Area: 309
Amount: 4.463348
Amount Units: ug/l



Manual Integration Results

RT: 4.94
Area: 4474
Amount: 63.416266
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:57:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21579.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 01-Jul-2022 02:59:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0147308-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:47:48 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 03:24:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	69	5914	20.0	15.9	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	87	32592	20.0	18.0	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	93	34748	20.0	18.5	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	78678	20.0	18.9	M
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	13848	20.0	18.5	
6 Chloromethane	50	1.423	1.423	0.000	99	82546	20.0	18.9	
7 Vinyl chloride	62	1.480	1.480	0.000	97	92997	20.0	19.1	
8 Butadiene	54	1.503	1.503	0.000	96	86186	20.0	20.1	
9 Bromomethane	94	1.709	1.709	0.000	98	61826	20.0	18.7	
10 Chloroethane	64	1.766	1.766	0.000	98	56092	20.0	18.9	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	129651	20.0	18.8	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	98	120445	20.0	19.9	
13 Pentane	72	1.937	1.937	0.000	96	29543	40.0	38.6	
17 Ethanol	46	2.040	2.040	0.000	94	11588	800.0	788.6	
14 Ethyl ether	74	2.075	2.075	0.000	94	49648	20.0	20.2	
15 2-Methyl-1,3-butadiene	53	2.097	2.097	0.000	96	68222	20.0	17.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	94	73344	20.0	18.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.155	0.000	97	111408	20.0	19.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	96	74759	20.0	19.6	
52 Acrolein	56	2.212	2.212	0.000	94	24233	40.0	39.7	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	97	74107	20.0	19.2	
23 Acetone	43	2.303	2.303	0.000	86	119495	100.0	100.0	
21 Iodomethane	142	2.372	2.372	0.000	96	119287	20.0	18.8	
24 Isopropyl alcohol	45	2.372	2.372	0.000	42	40321	200.0	213.4	a
22 Carbon disulfide	76	2.406	2.406	0.000	99	212541	20.0	18.3	
30 Methyl acetate	43	2.498	2.498	0.000	96	127893	40.0	39.2	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	87	53903	20.0	18.1	
25 Cyclopentene	67	2.520	2.520	0.000	96	198702	20.0	19.3	
27 Acetonitrile	41	2.543	2.543	0.000	96	78948	200.0	180.1	a
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	28698	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
29 Methylene Chloride	84	2.600	2.600	0.000	88	77910	20.0	18.9	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	86169	200.0	213.5	
32 Methyl tert-butyl ether	73	2.726	2.726	0.000	96	244051	20.0	19.1	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	90	84301	20.0	17.8	
35 Acrylonitrile	53	2.806	2.806	0.000	94	334744	200.0	210.6	
36 Hexane	57	2.886	2.886	0.000	92	87637	20.0	19.3	
37 Isopropyl ether	45	3.046	3.046	0.000	96	223497	20.0	18.4	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	68	140202	20.0	19.0	
40 Vinyl acetate	86	3.092	3.092	0.000	99	39892	40.0	42.2	
39 2-Chloro-1,3-butadiene	88	3.138	3.138	0.000	90	80301	20.0	19.0	
41 Tert-butyl ethyl ether	59	3.320	3.320	0.000	91	241079	20.0	19.5	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	98	186255	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	32650	20.0	19.3	
45 cis-1,2-Dichloroethene	96	3.560	3.560	0.000	52	92294	20.0	17.5	
44 2-Butanone (MEK)	72	3.560	3.560	0.000	97	56427	100.0	100.0	
47 Ethyl acetate	70	3.560	3.560	0.000	92	20686	40.0	41.9	
46 Methyl acrylate	55	3.618	3.618	0.000	98	66757	20.0	18.3	
48 Propionitrile	54	3.675	3.675	0.000	98	120412	200.0	206.2	
50 Tetrahydrofuran	72	3.766	3.766	0.000	73	26337	40.0	37.5	
49 Chlorobromomethane	128	3.766	3.766	0.000	80	50952	20.0	19.2	
54 Methacrylonitrile	67	3.778	3.778	0.000	91	405195	200.0	199.5	
51 Chloroform	83	3.812	3.812	0.000	98	138880	20.0	19.0	
53 Cyclohexane	84	3.938	3.938	0.000	88	118609	20.0	19.0	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	96	127134	20.0	19.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	131771	50.0	51.4	
57 Carbon tetrachloride	117	4.063	4.063	0.000	96	105470	20.0	19.3	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	96	108907	20.0	18.5	
61 Isobutyl alcohol	43	4.212	4.212	0.000	94	113891	500.0	501.9	
64 Isooctane	57	4.235	4.235	0.000	97	192120	20.0	19.9	
59 Benzene	78	4.269	4.269	0.000	96	327841	20.0	18.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	94	126898	50.0	49.3	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	83155	20.0	18.9	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	93	254577	20.0	18.9	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	96	103188	20.0	19.3	
65 n-Heptane	57	4.418	4.418	0.000	89	38717	20.0	18.9	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	453495	50.0	50.0	
69 Trichloroethene	95	4.909	4.909	0.000	94	84198	20.0	18.5	
70 n-Butanol	56	4.898	4.898	0.000	88	31137	500.0	436.8	
72 Methylcyclohexane	83	5.035	5.035	0.000	80	121296	20.0	20.0	
71 Ethyl acrylate	99	5.035	5.035	0.000	95	13448	20.0	20.2	
73 1,2-Dichloropropane	63	5.206	5.206	0.000	88	74487	20.0	18.9	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	45	18946	1000.0	1000.0	
74 Methyl methacrylate	100	5.275	5.275	0.000	86	58661	40.0	41.6	
78 1,4-Dioxane	88	5.332	5.332	0.000	27	18651	400.0	249.4	
77 n-Propyl acetate	43	5.344	5.344	0.000	98	117513	20.0	20.1	
75 Dibromomethane	93	5.344	5.344	0.000	65	49848	20.0	18.9	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	103666	20.0	19.1	
34 2-Nitropropane	41	5.846	5.846	0.000	98	57396	40.0	39.5	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	95	52583	20.0	19.4	
80 Epichlorohydrin	57	5.961	5.961	0.000	100	186099	400.0	424.7	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	136861	20.0	18.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	95	387216	100.0	105.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	587622	50.0	50.3	
83 Toluene	91	6.361	6.361	0.000	93	379076	20.0	18.6	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	97	123599	20.0	18.7	
86 Ethyl methacrylate	69	6.795	6.795	0.000	88	100579	20.0	19.8	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	93	63190	20.0	18.2	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	100798	20.0	19.4	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	93	127894	20.0	19.1	
91 2-Hexanone	43	7.298	7.298	0.000	93	256332	100.0	110.5	
92 n-Butyl acetate	43	7.447	7.447	0.000	98	124208	20.0	20.4	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	90836	20.0	19.3	
93 Ethylene Dibromide	107	7.652	7.652	0.000	98	81963	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	354540	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	252866	20.0	18.9	
97 Ethylbenzene	106	8.327	8.327	0.000	97	131670	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	95	87004	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	158731	20.0	19.1	
100 o-Xylene	106	8.898	8.898	0.000	95	156749	20.0	18.9	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	58436	20.0	18.3	
101 Styrene	104	8.932	8.932	0.000	98	261642	20.0	20.4	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	94	125960	20.0	19.6	
103 Bromoform	173	9.150	9.150	0.000	96	62491	20.0	20.4	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	391370	20.0	19.1	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	164836	50.0	52.0	
107 Bromobenzene	156	9.595	9.595	0.000	89	102109	20.0	18.9	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	98	107046	20.0	19.3	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	438746	20.0	19.7	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	96	35654	20.0	20.6	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	26671	20.0	17.8	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	393880	20.0	19.7	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	287424	20.0	19.5	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	94	311543	20.0	19.7	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	267439	20.0	19.3	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	98168	20.0	19.3	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	272837	20.0	19.5	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	316179	20.0	20.3	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	379917	20.0	19.7	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	322611	20.0	19.2	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	193173	20.0	19.8	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	94	175360	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	195681	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	315663	20.0	19.2	
125 Benzyl chloride	91	10.635	10.635	0.000	99	220324	20.0	19.7	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	340090	20.0	19.9	
126 p-Diethylbenzene	119	10.738	10.738	0.000	95	176389	20.0	19.5	
127 n-Butylbenzene	92	10.761	10.761	0.000	98	139547	20.0	18.8	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	98	183375	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	239959	20.0	18.3	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	94	26289	20.0	19.3	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	109331	20.0	19.4	
131 1,2,4-Trichlorobenzene	180	12.018	12.018	0.000	92	98681	20.0	19.7	
133 Hexachlorobutadiene	225	12.098	12.098	0.000	94	31000	20.0	20.0	
134 Naphthalene	128	12.201	12.201	0.000	99	290214	20.0	19.5	

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	12.373	12.373	0.000	97	91903	20.0	19.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.4	
S 137 Xylenes, Total	100				0		40.0	38.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.5	
S 139 Total BTEX	1				0		100.0	94.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00155	Amount Added:	20.00	Units: uL	
524freon_00053	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:47:50 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21579.D

Injection Date: 01-Jul-2022 02:59:30 Instrument ID: CVOAMS7

Lims ID: STD20

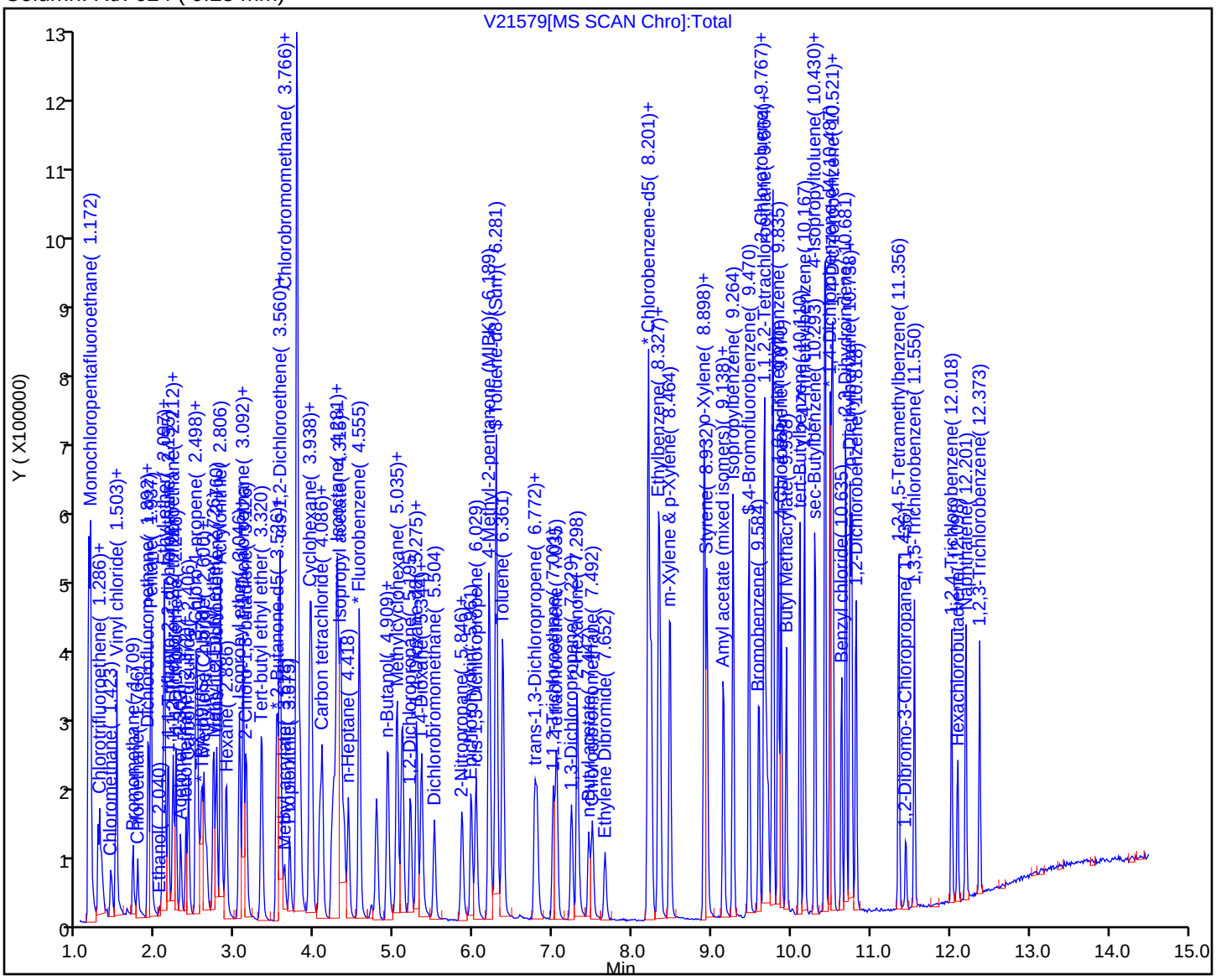
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

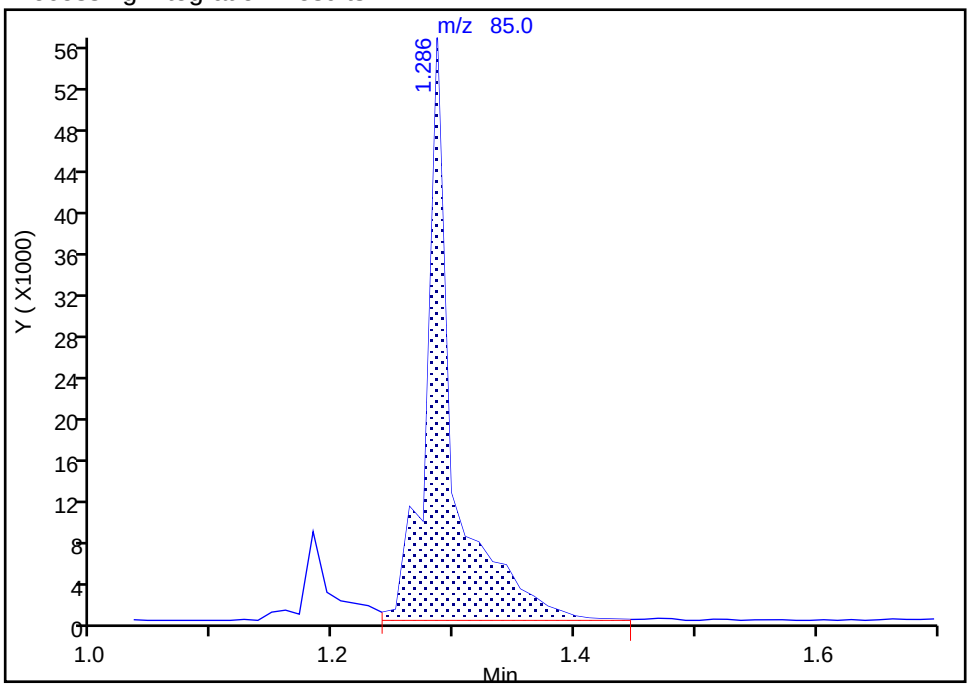
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21579.D
Injection Date: 01-Jul-2022 02:59:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

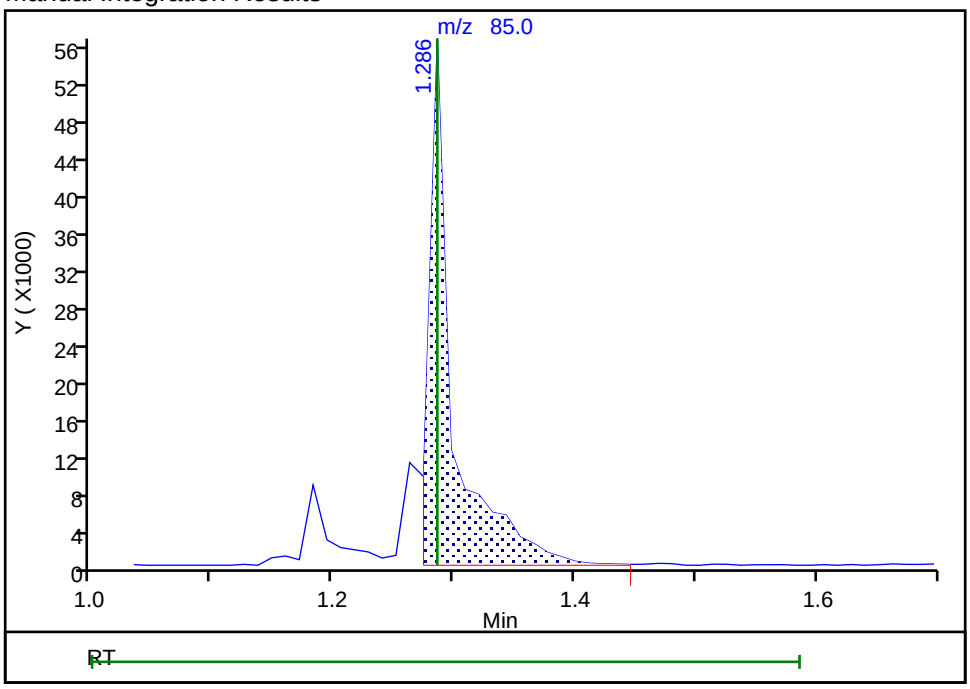
Processing Integration Results

RT: 1.29
Area: 87566
Amount: 20.488500
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 78678
Amount: 18.915588
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:02:25
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

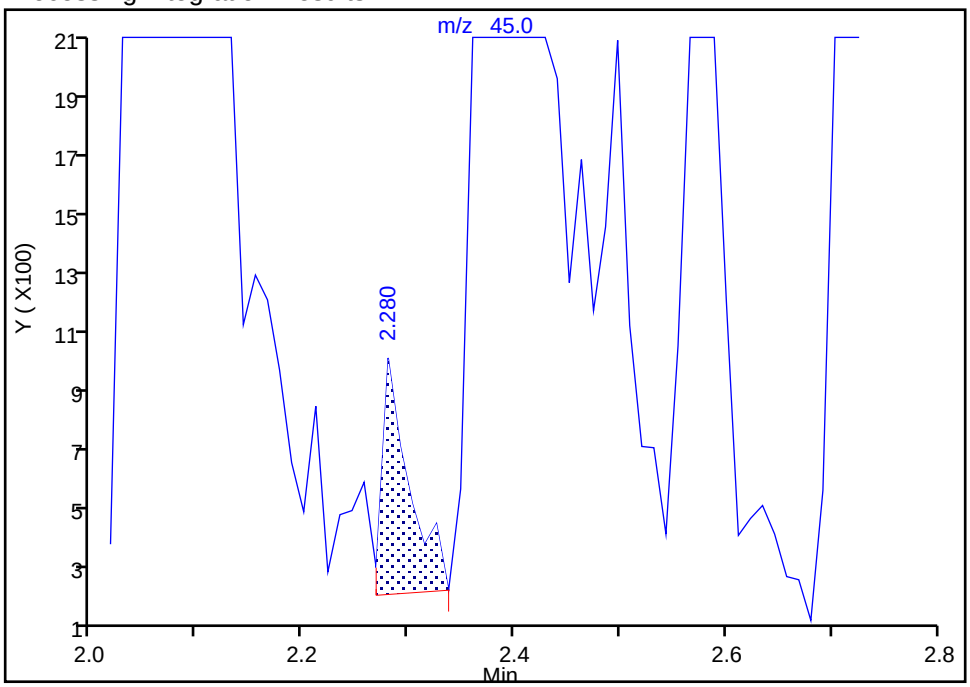
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21579.D
Injection Date: 01-Jul-2022 02:59:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

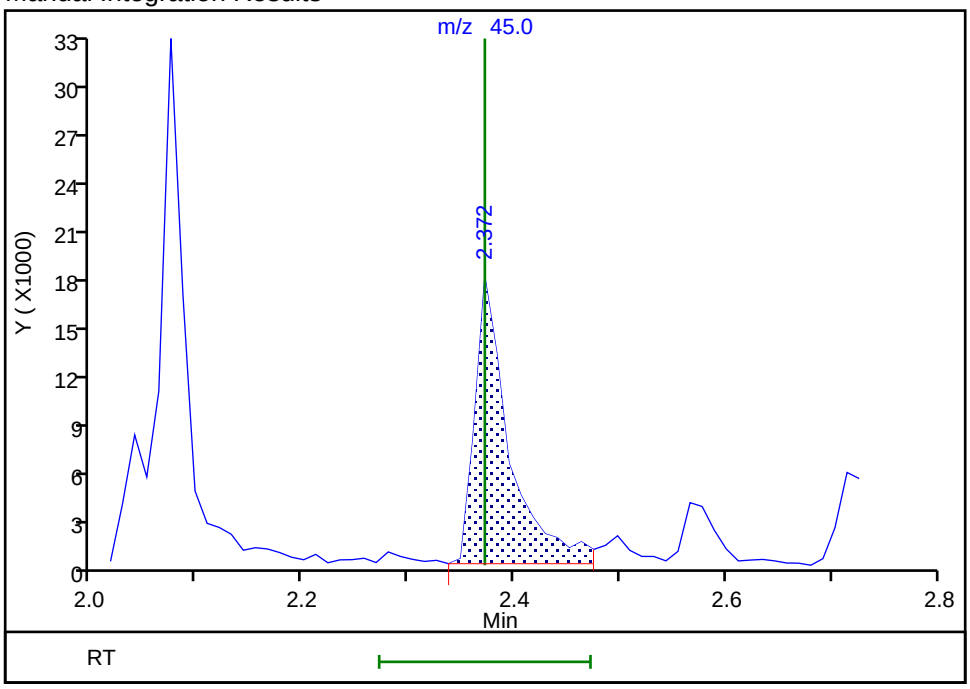
Processing Integration Results

RT: 2.28
Area: 1330
Amount: 7.766627
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 40321
Amount: 213.4477
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:50:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

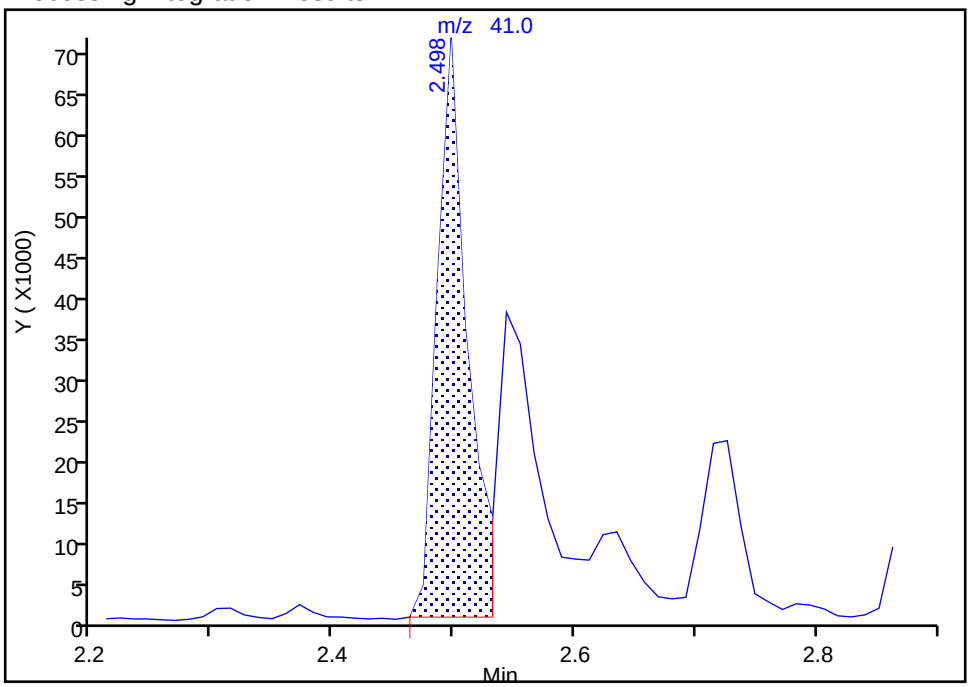
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21579.D
Injection Date: 01-Jul-2022 02:59:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

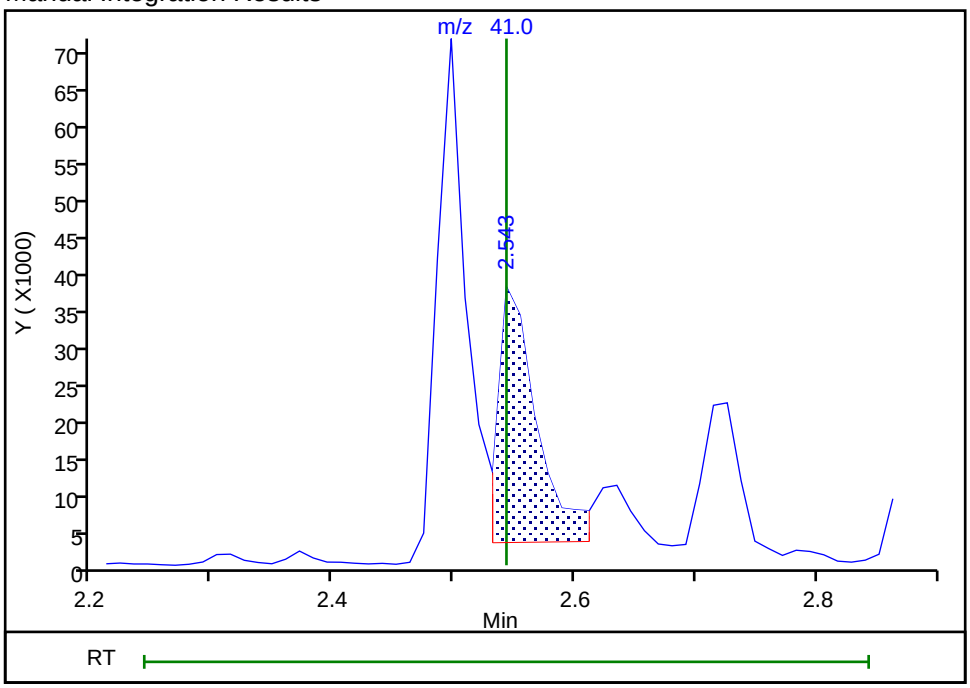
Processing Integration Results

RT: 2.50
Area: 125803
Amount: 321.7783
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 78948
Amount: 180.1109
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:50:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 01-Jul-2022 13:48:00 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21580.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Jul-2022 03:20:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0147308-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:47:58 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 03:59:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	72	16917	50.0	43.1	Ma
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	85	74907	50.0	39.2	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	92	87583	50.0	44.1	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	97	185726	50.0	42.3	M
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	37323	50.0	47.3	
6 Chloromethane	50	1.423	1.423	0.000	99	215008	50.0	47.0	
7 Vinyl chloride	62	1.480	1.480	0.000	98	238006	50.0	46.3	
8 Butadiene	54	1.503	1.503	0.000	96	209280	50.0	46.2	
9 Bromomethane	94	1.698	1.709	-0.011	99	154000	50.0	44.1	
10 Chloroethane	64	1.755	1.766	-0.011	100	145750	50.0	46.6	
11 Dichlorofluoromethane	67	1.880	1.892	-0.012	99	343075	50.0	47.2	
12 Trichlorofluoromethane	101	1.892	1.903	-0.011	97	303643	50.0	47.6	
13 Pentane	72	1.926	1.937	-0.011	95	75251	100.0	93.1	
17 Ethanol	46	2.040	2.040	0.000	98	25040	2000.0	1552.5	
14 Ethyl ether	74	2.075	2.075	0.000	94	133840	50.0	51.6	
15 2-Methyl-1,3-butadiene	53	2.098	2.097	0.001	93	183319	50.0	45.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	93	190788	50.0	45.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	98	286508	50.0	47.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.200	2.212	-0.012	98	196024	50.0	48.7	
52 Acrolein	56	2.212	2.212	0.000	98	64522	100.0	100.1	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	96	200945	50.0	49.3	
23 Acetone	43	2.303	2.303	0.000	86	304001	250.0	225.1	
21 Iodomethane	142	2.372	2.372	0.000	96	330663	50.0	49.3	
24 Isopropyl alcohol	45	2.372	2.372	0.000	48	99094	500.0	475.4	
22 Carbon disulfide	76	2.406	2.406	0.000	99	578816	50.0	47.1	
30 Methyl acetate	43	2.486	2.498	-0.012	97	343131	100.0	99.7	
26 3-Chloro-1-propene	76	2.486	2.498	-0.012	86	154373	50.0	49.1	
25 Cyclopentene	67	2.509	2.520	-0.011	94	535188	50.0	49.2	
27 Acetonitrile	41	2.543	2.543	0.000	98	248442	500.0	501.7	a
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	31665	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
29 Methylene Chloride	84	2.601	2.600	0.001	87	210235	50.0	48.4	
31 2-Methyl-2-propanol	59	2.623	2.635	-0.012	97	222328	500.0	502.9	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	96	664350	50.0	49.2	
33 trans-1,2-Dichloroethene	96	2.749	2.760	-0.011	91	229422	50.0	46.0	
35 Acrylonitrile	53	2.806	2.806	0.000	94	895477	500.0	533.9	
36 Hexane	57	2.875	2.886	-0.011	91	223712	50.0	46.8	
37 Isopropyl ether	45	3.046	3.046	0.000	92	608420	50.0	47.5	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	67	375401	50.0	48.3	
40 Vinyl acetate	86	3.092	3.092	0.000	99	106931	100.0	100.1	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	92	217834	50.0	48.9	
41 Tert-butyl ethyl ether	59	3.321	3.320	0.001	91	647774	50.0	49.6	
* 42 2-Butanone-d5	46	3.503	3.515	-0.012	98	210430	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	97	82619	50.0	46.3	
45 cis-1,2-Dichloroethene	96	3.549	3.560	-0.011	53	255517	50.0	46.0	
44 2-Butanone (MEK)	72	3.549	3.560	-0.011	97	159528	250.0	250.3	
47 Ethyl acetate	70	3.561	3.560	0.001	96	51627	100.0	92.6	
46 Methyl acrylate	55	3.606	3.618	-0.012	99	195520	50.0	50.4	
48 Propionitrile	54	3.675	3.675	0.000	98	334037	500.0	542.2	
50 Tetrahydrofuran	72	3.755	3.766	-0.011	88	70878	100.0	95.6	
49 Chlorobromomethane	128	3.766	3.766	0.000	79	130660	50.0	46.6	
54 Methacrylonitrile	67	3.766	3.778	-0.012	92	1111212	500.0	518.5	
51 Chloroform	83	3.812	3.812	0.000	98	370639	50.0	48.0	
53 Cyclohexane	84	3.926	3.938	-0.012	89	314071	50.0	47.7	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	99	339241	50.0	48.1	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	137371	50.0	50.7	
57 Carbon tetrachloride	117	4.052	4.063	-0.011	97	286663	50.0	49.6	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	95	294702	50.0	47.4	
61 Isobutyl alcohol	43	4.201	4.212	-0.011	97	324753	1250.0	1288.5	
64 Isooctane	57	4.235	4.235	0.000	98	487757	50.0	47.8	
59 Benzene	78	4.269	4.269	0.000	96	914064	50.0	46.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	135458	50.0	49.8	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	234456	50.0	50.4	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	92	720724	50.0	50.7	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	97	276557	50.0	49.1	
65 n-Heptane	57	4.418	4.418	0.000	89	97025	50.0	44.8	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	478511	50.0	50.0	
70 n-Butanol	56	4.875	4.898	-0.023	87	106401	1250.0	1352.9	
69 Trichloroethene	95	4.909	4.909	0.000	94	230340	50.0	48.1	
72 Methylcyclohexane	83	5.035	5.035	0.000	81	316746	50.0	49.4	
71 Ethyl acrylate	99	5.024	5.035	-0.011	97	40260	50.0	57.4	
73 1,2-Dichloropropane	63	5.195	5.206	-0.011	88	206459	50.0	49.6	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	43	22312	1000.0	1000.0	
74 Methyl methacrylate	100	5.275	5.275	0.000	86	163758	100.0	110.2	
78 1,4-Dioxane	88	5.321	5.332	-0.011	28	49168	1000.0	559.1	
77 n-Propyl acetate	43	5.332	5.344	-0.012	97	321680	50.0	52.2	
75 Dibromomethane	93	5.344	5.344	0.000	96	137638	50.0	49.5	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	284727	50.0	49.7	
34 2-Nitropropane	41	5.835	5.846	-0.011	99	155546	100.0	101.3	
79 2-Chloroethyl vinyl ether	63	5.847	5.858	-0.011	85	156101	50.1	54.5	
80 Epichlorohydrin	57	5.961	5.961	0.000	99	517623	1000.0	1045.6	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	90	385664	50.0	48.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	95	1057589	250.0	255.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	623080	50.0	48.9	
83 Toluene	91	6.361	6.361	0.000	93	1029518	50.0	46.3	
85 trans-1,3-Dichloropropene	75	6.761	6.772	-0.011	98	346192	50.0	48.0	
86 Ethyl methacrylate	69	6.795	6.795	0.000	88	285983	50.0	51.5	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	95	177933	50.0	46.8	
88 Tetrachloroethene	166	7.035	7.047	-0.012	95	262866	50.0	46.5	
89 1,3-Dichloropropane	76	7.230	7.229	0.001	92	356277	50.0	48.7	
91 2-Hexanone	43	7.298	7.298	0.000	94	718484	250.0	274.2	
92 n-Butyl acetate	43	7.447	7.447	0.000	98	331106	50.0	49.3	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	246638	50.0	47.9	
93 Ethylene Dibromide	107	7.652	7.652	0.000	100	227836	50.0	49.0	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	81	386889	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	671923	50.0	46.0	
97 Ethylbenzene	106	8.327	8.327	0.000	97	368914	50.0	49.8	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	95	237328	50.0	49.8	
98 m-Xylene & p-Xylene	106	8.464	8.475	-0.011	95	451795	50.0	49.9	
100 o-Xylene	106	8.898	8.898	0.000	95	447193	50.0	49.4	
99 n-Butyl acrylate	73	8.910	8.910	0.000	97	172459	50.0	49.4	
101 Styrene	104	8.933	8.932	0.001	97	728429	50.0	52.2	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	93	362417	50.0	51.2	
103 Bromoform	173	9.150	9.150	0.000	97	167639	50.0	50.0	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	1063267	50.0	47.5	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	175211	50.0	50.6	
107 Bromobenzene	156	9.596	9.595	0.001	91	280541	50.0	47.2	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	98	284376	50.0	46.6	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	1213164	50.0	49.6	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	97	94403	50.0	50.1	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	94	78341	50.0	47.7	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	1081620	50.0	49.3	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	781208	50.0	48.2	
116 1,3,5-Trimethylbenzene	105	9.836	9.835	0.001	95	848371	50.0	48.9	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	722248	50.0	47.4	
117 Butyl Methacrylate	87	9.938	9.938	0.000	88	291058	50.0	52.0	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	734696	50.0	47.8	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	851284	50.0	49.7	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	1015373	50.0	48.0	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	99	902580	50.0	48.8	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	98	516853	50.0	48.3	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	192608	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	512816	50.0	46.0	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	887415	50.0	49.0	
125 Benzyl chloride	91	10.636	10.635	0.001	99	603060	50.0	49.2	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	926241	50.0	49.3	
126 p-Diethylbenzene	119	10.738	10.738	0.000	95	470963	50.0	47.3	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	382412	50.0	46.9	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	98	492676	50.0	47.6	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	693278	50.0	48.0	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	72313	50.0	48.2	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	98	291858	50.0	47.1	
131 1,2,4-Trichlorobenzene	180	12.019	12.018	0.001	93	267194	50.0	48.5	
133 Hexachlorobutadiene	225	12.099	12.098	0.001	93	79096	50.0	46.9	
134 Naphthalene	128	12.201	12.201	0.000	99	826730	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	96	255067	50.0	48.9	
S 136 1,2-Dichloroethene, Total	100				0		100.0	92.0	
S 137 Xylenes, Total	100				0		100.0	99.3	
S 138 1,3-Dichloropropene, Total	1				0		100.0	96.5	
S 139 Total BTEX	1				0		250.0	242.0	

QC Flag Legend

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

Reagents:

ACROLEIN W_00141	Amount Added:	10.00	Units: uL	
8FreonHi_00046	Amount Added:	5.00	Units: uL	
Ethanol mix_00066	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00124	Amount Added:	5.00	Units: uL	
MIX I Hi_00151	Amount Added:	5.00	Units: uL	
GAS Hi_00417	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:48:00 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21580.D

Injection Date: 01-Jul-2022 03:20:30 Instrument ID: CVOAMS7

Lims ID: STD50

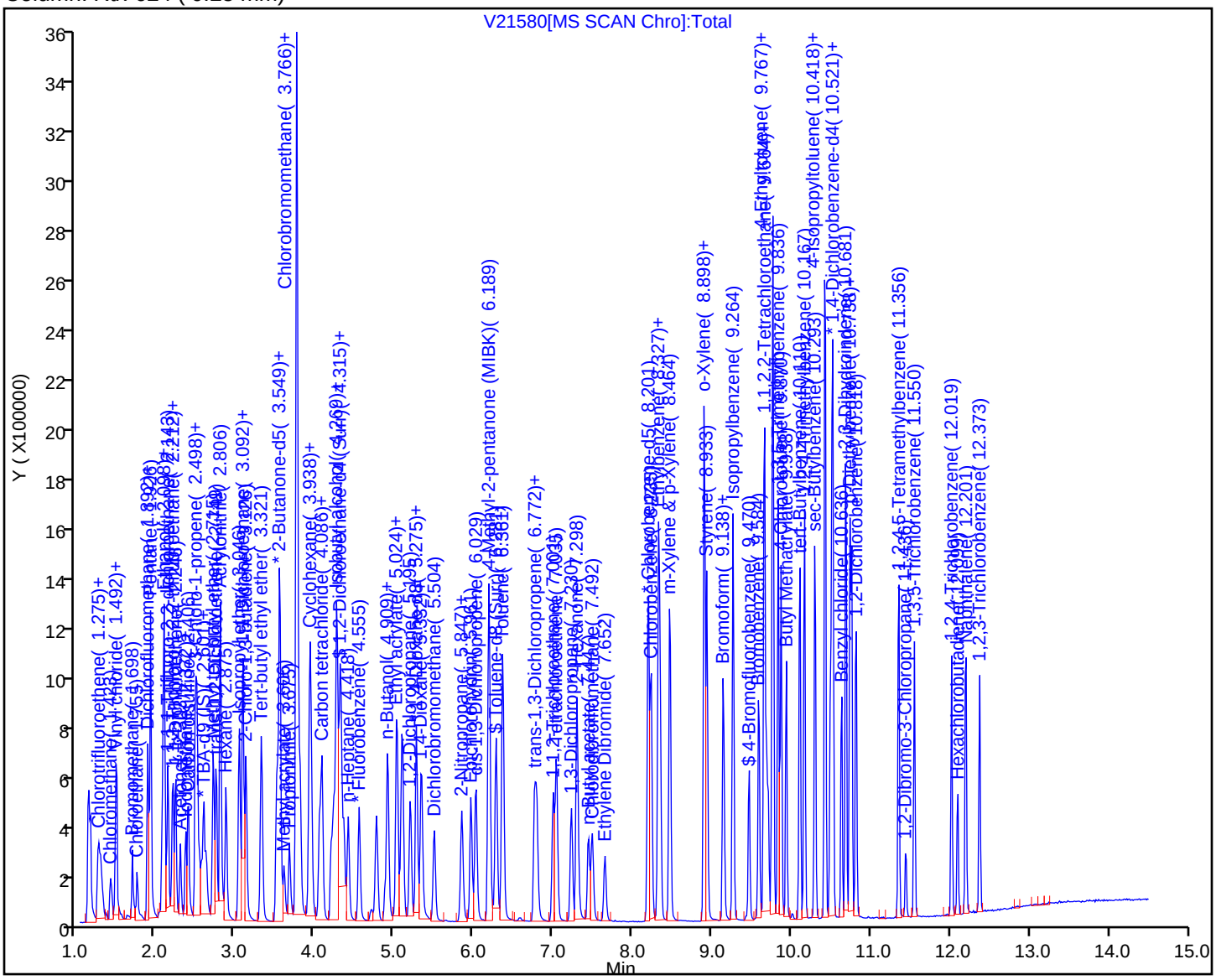
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

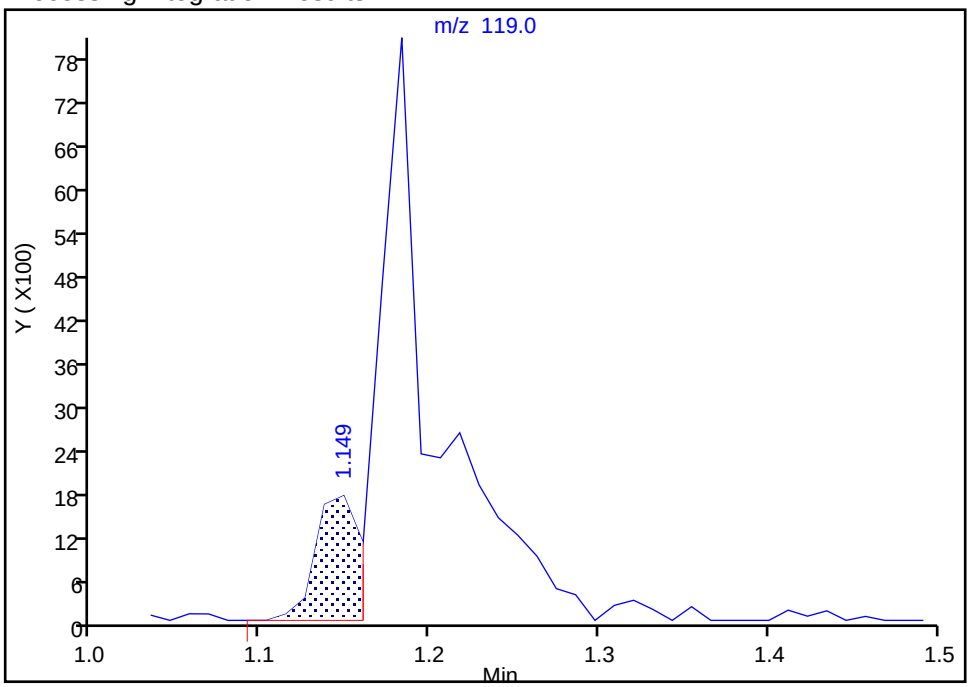
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21580.D
Injection Date: 01-Jul-2022 03:20:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

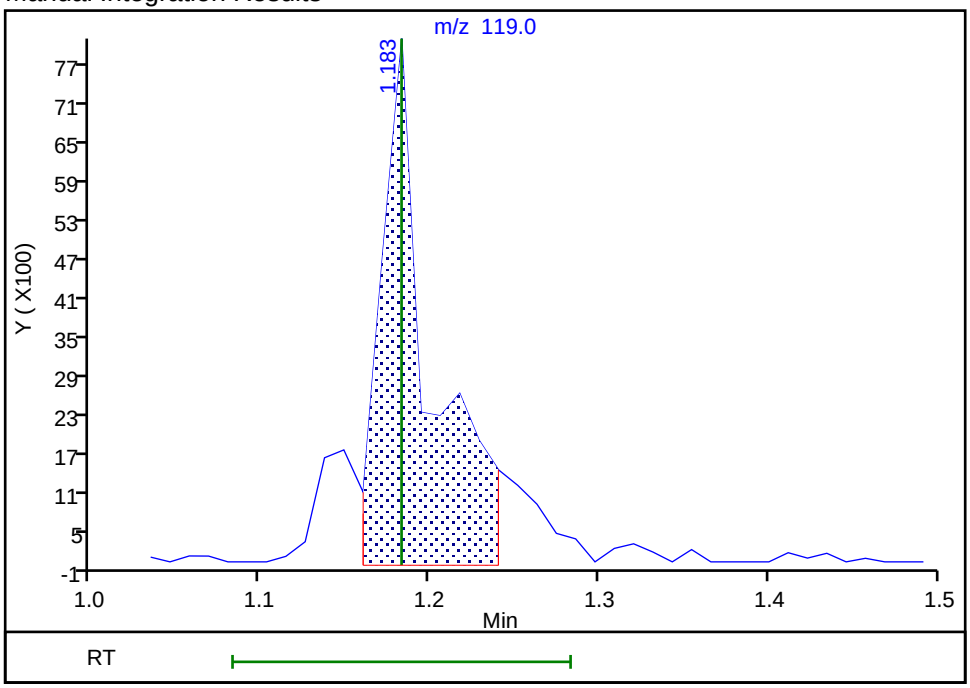
Processing Integration Results

RT: 1.15
Area: 3286
Amount: 8.919219
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 16917
Amount: 43.125186
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:22:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

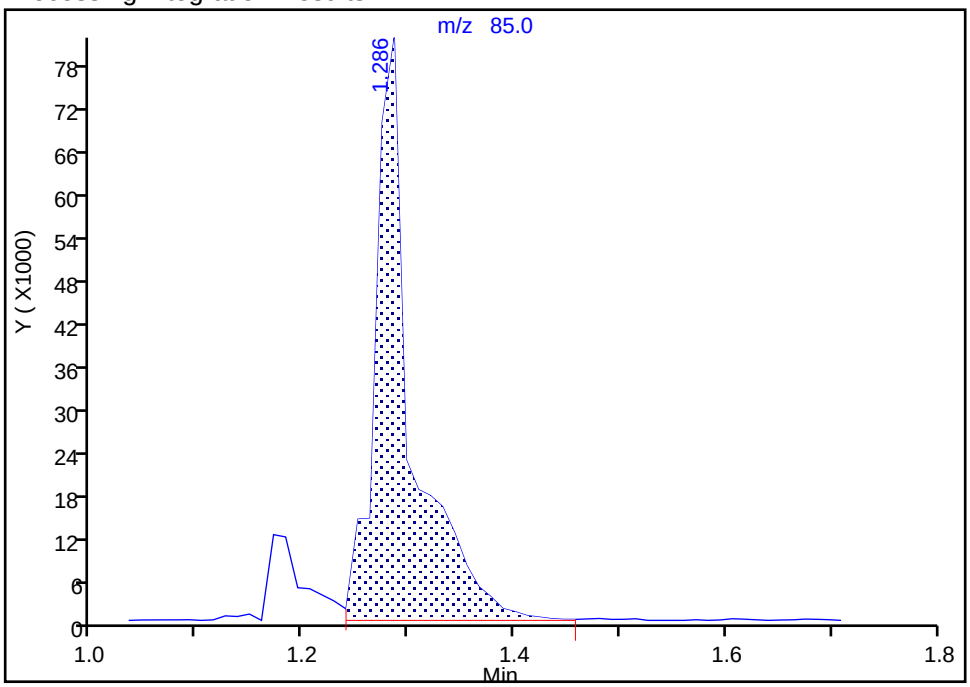
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21580.D
Injection Date: 01-Jul-2022 03:20:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

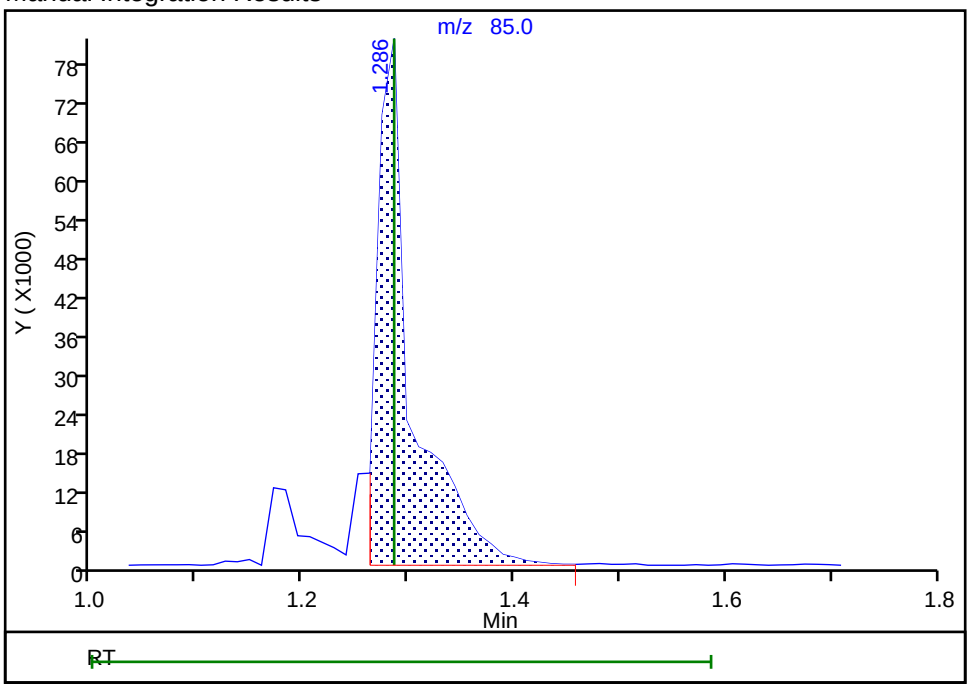
Processing Integration Results

RT: 1.29
Area: 196475
Amount: 44.224410
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 185726
Amount: 42.317482
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:02:48
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

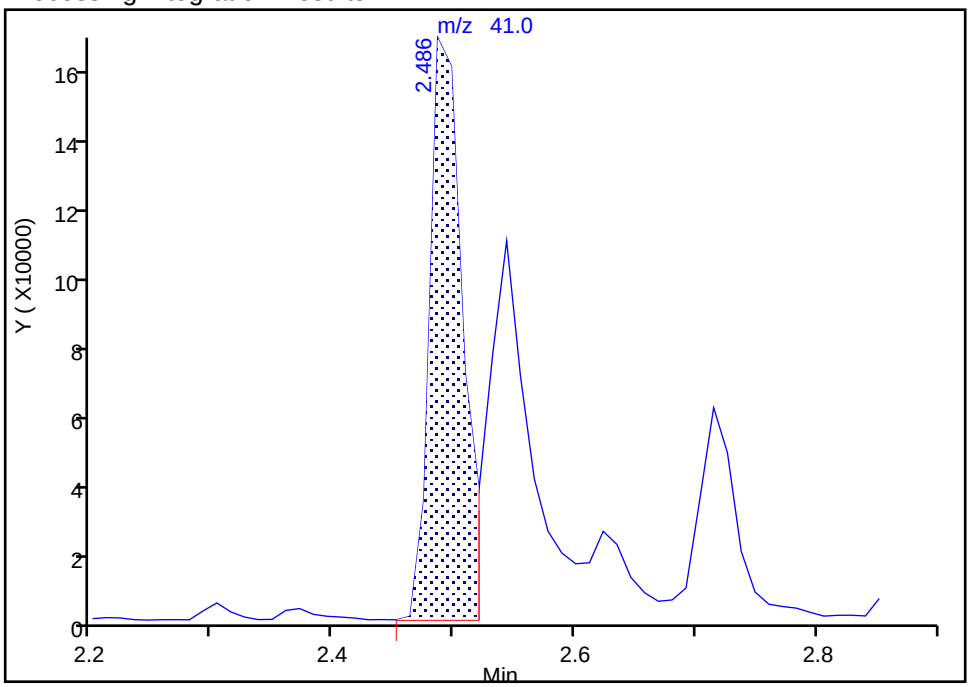
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21580.D
Injection Date: 01-Jul-2022 03:20:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

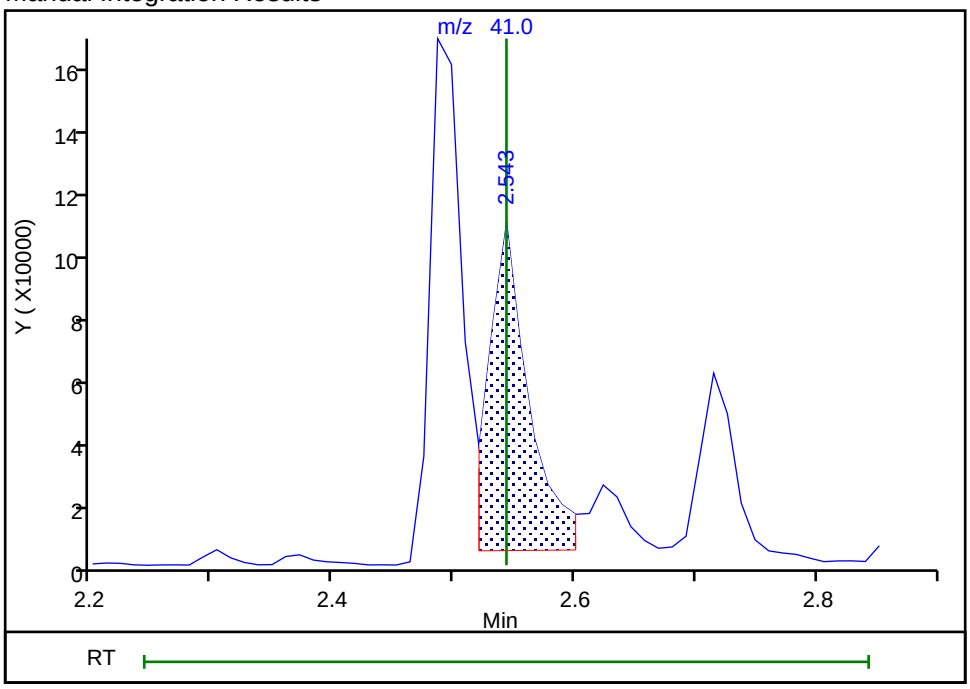
Processing Integration Results

RT: 2.49
Area: 327534
Amount: 700.8650
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 248442
Amount: 501.6769
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 12:59:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 01-Jul-2022 13:48:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 01-Jul-2022 03:41:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0147308-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:48:08 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 04:13:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	92	85498	200.0	193.3	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	87	481655	200.0	223.3	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	97	427655	200.0	191.0	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	1099969	200.0	222.3	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	100	171614	200.0	193.0	
6 Chloromethane	50	1.423	1.423	0.000	99	1113651	200.0	217.0	
7 Vinyl chloride	62	1.480	1.480	0.000	98	1173134	200.0	202.4	
8 Butadiene	54	1.503	1.503	0.000	97	1080945	200.0	211.7	
9 Bromomethane	94	1.698	1.709	-0.011	99	763060	200.0	194.0	
10 Chloroethane	64	1.766	1.766	0.000	99	709438	200.0	201.0	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	1566341	200.0	191.2	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	97	1402830	200.0	195.1	
13 Pentane	72	1.938	1.937	0.001	96	335816	400.0	368.6	
17 Ethanol	46	2.040	2.040	0.000	98	144156	8000.0	8186.5	
14 Ethyl ether	74	2.075	2.075	0.000	94	595780	200.0	203.9	
15 2-Methyl-1,3-butadiene	53	2.098	2.097	0.001	96	816587	200.0	177.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	91	867442	200.0	181.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.155	0.000	98	1303227	200.0	191.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	99	847785	200.0	186.9	
52 Acrolein	56	2.212	2.212	0.000	97	147071	200.0	202.3	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	96	870700	200.0	189.6	
23 Acetone	43	2.303	2.303	0.000	86	1323981	1000.0	837.7	
21 Iodomethane	142	2.372	2.372	0.000	96	1452451	200.0	191.9	
24 Isopropyl alcohol	45	2.372	2.372	0.000	44	441859	2000.0	1853.5	a
22 Carbon disulfide	76	2.406	2.406	0.000	99	2457594	200.0	177.4	
30 Methyl acetate	43	2.498	2.498	0.000	97	1537192	400.0	396.0	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	87	704363	200.0	198.8	
25 Cyclopentene	67	2.520	2.520	0.000	96	2388593	200.0	194.9	
27 Acetonitrile	41	2.543	2.543	0.000	98	1247736	2000.0	2152.7	a
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	98	36216	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
29 Methylene Chloride	84	2.600	2.600	0.000	88	938379	200.0	191.7	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	992077	2000.0	1969.7	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	96	3006025	200.0	197.6	
33 trans-1,2-Dichloroethene	96	2.761	2.760	0.000	91	1040561	200.0	185.1	
35 Acrylonitrile	53	2.806	2.806	0.000	95	4194469	2000.0	2217.8	
36 Hexane	57	2.875	2.886	-0.011	92	1060708	200.0	196.8	
37 Isopropyl ether	45	3.046	3.046	0.000	94	2841915	200.0	196.6	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	62	1720299	200.0	196.1	
40 Vinyl acetate	86	3.092	3.092	0.000	99	532934	400.0	426.1	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	90	983524	200.0	195.9	
41 Tert-butyl ethyl ether	59	3.321	3.320	0.001	90	2989818	200.0	203.1	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	97	246288	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	383129	200.0	190.4	
45 cis-1,2-Dichloroethene	96	3.561	3.560	0.001	52	1175511	200.0	187.6	
44 2-Butanone (MEK)	72	3.549	3.560	-0.011	96	724514	1000.0	971.1	
47 Ethyl acetate	70	3.561	3.560	0.001	92	249821	400.0	382.9	
46 Methyl acrylate	55	3.606	3.618	-0.012	99	927297	200.0	211.2	
48 Propionitrile	54	3.675	3.675	0.000	98	1505551	2000.0	2167.0	
50 Tetrahydrofuran	72	3.755	3.766	-0.011	92	325132	400.0	389.0	
49 Chlorobromomethane	128	3.766	3.766	0.000	85	558662	200.0	176.8	
54 Methacrylonitrile	67	3.778	3.778	0.000	91	5148648	2000.0	2130.3	
51 Chloroform	83	3.812	3.812	0.000	99	1673294	200.0	192.3	
53 Cyclohexane	84	3.938	3.938	0.000	88	1421220	200.0	191.4	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	99	1517660	200.0	190.9	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	154375	50.0	50.6	
57 Carbon tetrachloride	117	4.063	4.063	0.000	97	1302341	200.0	199.8	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	96	1381468	200.0	197.2	
61 Isobutyl alcohol	43	4.201	4.212	-0.011	98	1510156	5000.0	5222.0	
64 Isooctane	57	4.235	4.235	0.000	98	2292920	200.0	199.2	
59 Benzene	78	4.269	4.269	0.000	95	4203678	200.0	196.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	93	157237	50.0	51.3	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	1043394	200.0	198.9	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	98	3187271	200.0	198.9	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	96	1246226	200.0	196.2	
65 n-Heptane	57	4.418	4.418	0.000	90	476253	200.0	195.2	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	539590	50.0	50.0	
70 n-Butanol	56	4.864	4.898	-0.034	86	584479	5000.0	6497.8	
69 Trichloroethene	95	4.909	4.909	0.000	95	1074495	200.0	198.9	
72 Methylcyclohexane	83	5.035	5.035	0.000	83	1492143	200.0	206.3	
71 Ethyl acrylate	99	5.024	5.035	-0.011	98	180230	200.0	227.8	
73 1,2-Dichloropropane	63	5.195	5.206	-0.011	93	966378	200.0	205.7	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	47	12342	1000.0	1000.0	M
74 Methyl methacrylate	100	5.275	5.275	0.000	90	758595	400.0	452.6	
78 1,4-Dioxane	88	5.321	5.332	-0.011	44	200500	4000.0	4197.5	
77 n-Propyl acetate	43	5.332	5.344	-0.012	97	1486253	200.0	214.0	
75 Dibromomethane	93	5.344	5.344	0.000	94	619254	200.0	197.5	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	1316337	200.0	203.7	
34 2-Nitropropane	41	5.835	5.846	-0.011	97	718775	400.0	415.3	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	85	737554	200.5	228.3	
80 Epichlorohydrin	57	5.961	5.961	0.000	99	2416921	4000.0	4171.6	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	1734630	200.0	200.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	95	5088450	1000.0	1049.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	710298	50.0	51.1	
83 Toluene	91	6.361	6.361	0.000	93	4767920	200.0	196.5	
85 trans-1,3-Dichloropropene	75	6.761	6.772	-0.011	98	1646175	200.0	209.4	
86 Ethyl methacrylate	69	6.795	6.795	0.000	88	1375781	200.0	227.2	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	95	810215	200.0	195.6	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	1167579	200.0	189.2	
89 1,3-Dichloropropane	76	7.230	7.229	0.001	92	1613997	200.0	202.4	
91 2-Hexanone	43	7.298	7.298	0.000	95	3488291	1000.0	1137.6	
92 n-Butyl acetate	43	7.435	7.447	-0.012	98	1528474	200.0	200.4	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	1117774	200.0	199.1	
93 Ethylene Dibromide	107	7.652	7.652	0.000	99	1024216	200.0	202.0	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	49	421908	50.0	50.0	a
95 Chlorobenzene	112	8.235	8.235	0.000	98	3087794	200.0	193.8	
97 Ethylbenzene	106	8.327	8.327	0.000	97	1674288	200.0	207.1	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	96	1048062	200.0	201.7	
98 m-Xylene & p-Xylene	106	8.464	8.475	-0.011	95	2013379	200.0	203.9	
100 o-Xylene	106	8.898	8.898	0.000	95	1978329	200.0	200.5	
99 n-Butyl acrylate	73	8.898	8.910	-0.012	84	813976	200.0	213.8	
101 Styrene	104	8.933	8.932	0.001	98	3307899	200.0	217.2	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	92	1658310	200.0	223.3	
103 Bromoform	173	9.150	9.150	0.000	97	762307	200.0	208.7	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	4809579	200.0	196.8	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	183113	50.0	48.5	
107 Bromobenzene	156	9.595	9.595	0.000	92	1223940	200.0	196.0	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	98	1290701	200.0	201.5	
109 N-Propylbenzene	91	9.664	9.664	0.000	99	5502325	200.0	214.1	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	97	400783	200.0	203.2	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	96	377792	200.0	218.8	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	4816109	200.0	208.9	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	3584035	200.0	210.4	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	94	3732500	200.0	205.0	
110 4-Chlorotoluene	91	9.870	9.870	0.000	97	3267280	200.0	204.2	
117 Butyl Methacrylate	87	9.938	9.938	0.000	89	1342911	200.0	228.4	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	3266790	200.0	202.5	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	3840328	200.0	213.5	
120 sec-Butylbenzene	105	10.293	10.293	0.000	100	4585640	200.0	206.5	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	99	4060707	200.0	209.2	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	2222741	200.0	197.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	94	202295	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	2239256	200.0	191.4	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	99	4048469	200.0	213.0	
125 Benzyl chloride	91	10.636	10.635	0.001	99	2880154	200.0	223.7	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	4017563	200.0	203.5	
126 p-Diethylbenzene	119	10.738	10.738	0.000	95	2116929	200.0	202.6	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	1763554	200.0	206.1	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	98	2093600	200.0	192.8	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	3458826	200.0	228.0	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	94	331487	200.0	210.6	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	98	1325650	200.0	203.7	
131 1,2,4-Trichlorobenzene	180	12.019	12.018	0.001	94	1208168	200.0	208.6	
133 Hexachlorobutadiene	225	12.099	12.098	0.001	92	352293	200.0	199.6	
134 Naphthalene	128	12.190	12.201	-0.011	100	4157423	200.0	242.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	97	1124315	200.0	205.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	372.7	
S 137 Xylenes, Total	100				0		400.0	404.4	
S 138 1,3-Dichloropropene, Total	1				0		400.0	409.5	
S 139 Total BTEX	1				0		1000.0	1004.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00417	Amount Added:	20.00	Units: uL	
MIX I Hi_00151	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00124	Amount Added:	20.00	Units: uL	
Ethanol mix_00066	Amount Added:	20.00	Units: uL	
8FreonHi_00046	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:48:10 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D

Injection Date: 01-Jul-2022 03:41:30 Instrument ID: CVOAMS7

Lims ID: STD200

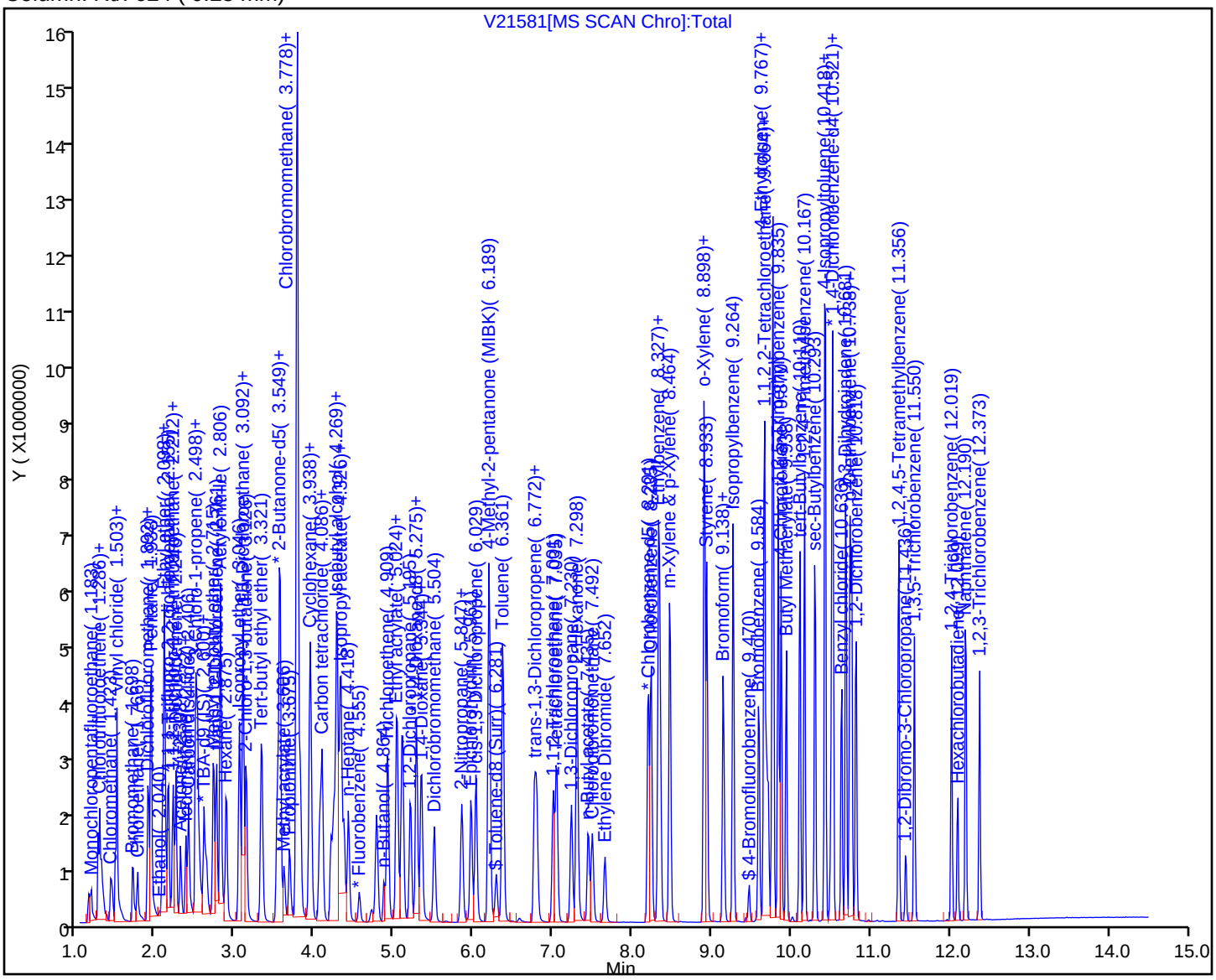
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

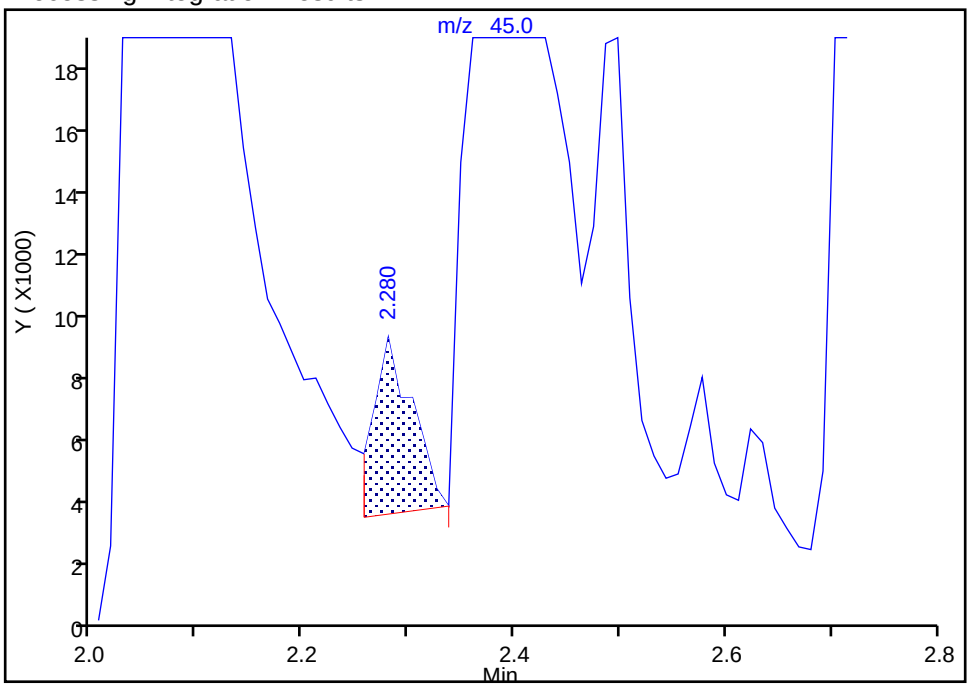
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D
Injection Date: 01-Jul-2022 03:41:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

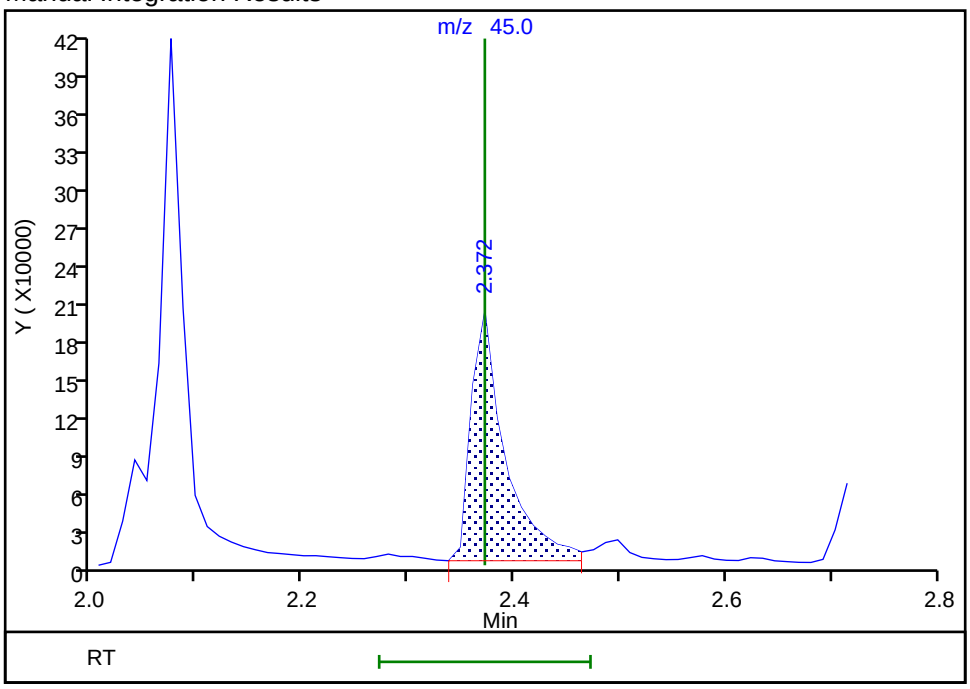
Processing Integration Results

RT: 2.28
Area: 14282
Amount: 69.384158
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 441859
Amount: 1853.5100
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:00:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

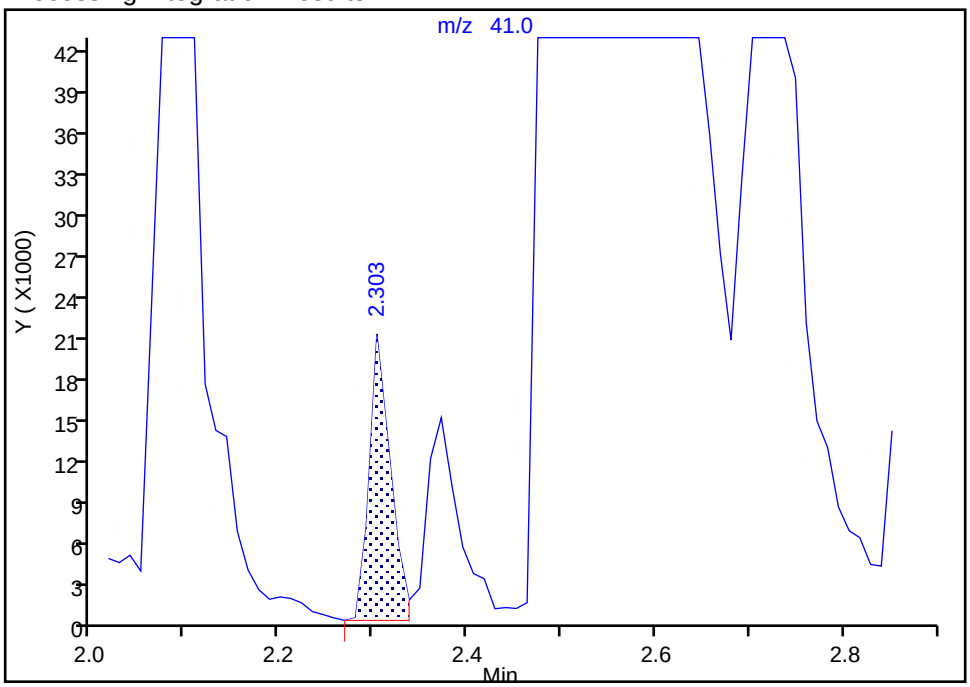
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D
Injection Date: 01-Jul-2022 03:41:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

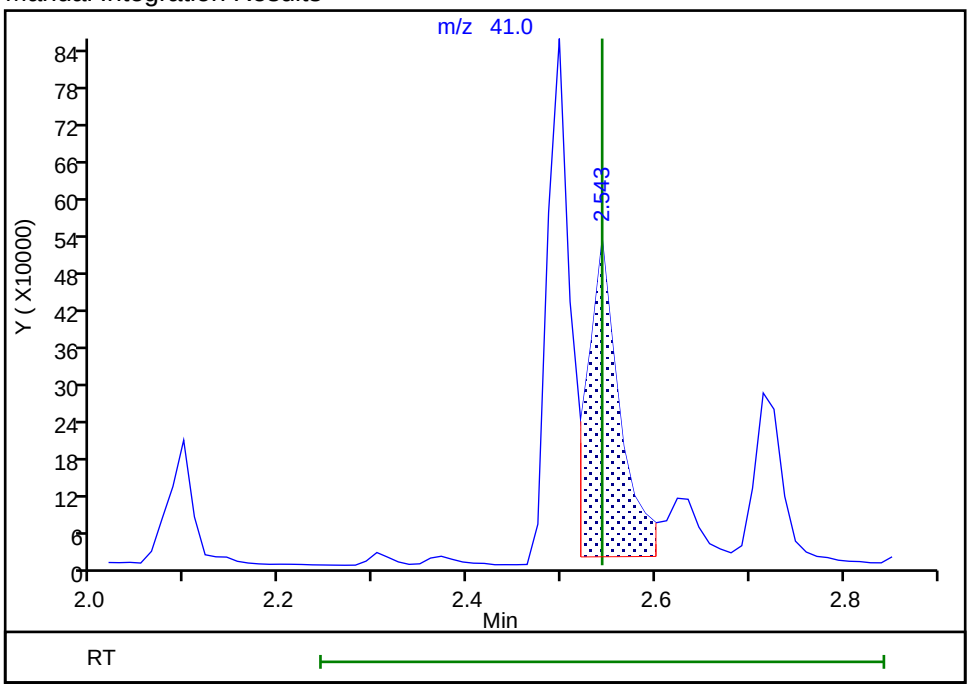
Processing Integration Results

RT: 2.30
Area: 32450
Amount: 60.911031
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 1247736
Amount: 2152.7134
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:00:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

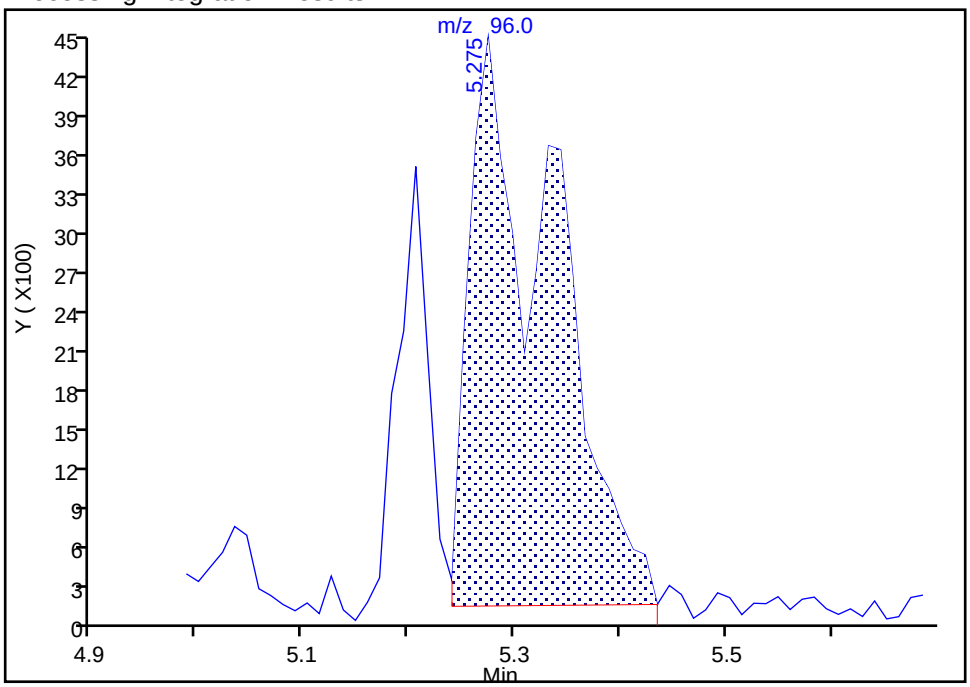
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D
Injection Date: 01-Jul-2022 03:41:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

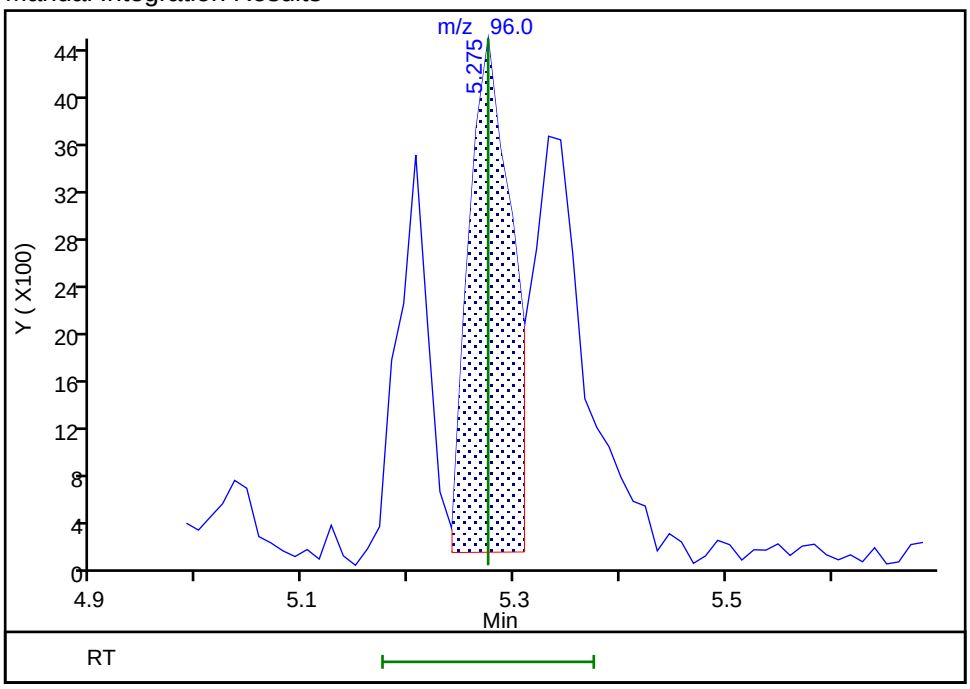
Processing Integration Results

RT: 5.28
Area: 23560
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 12342
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:03:34
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

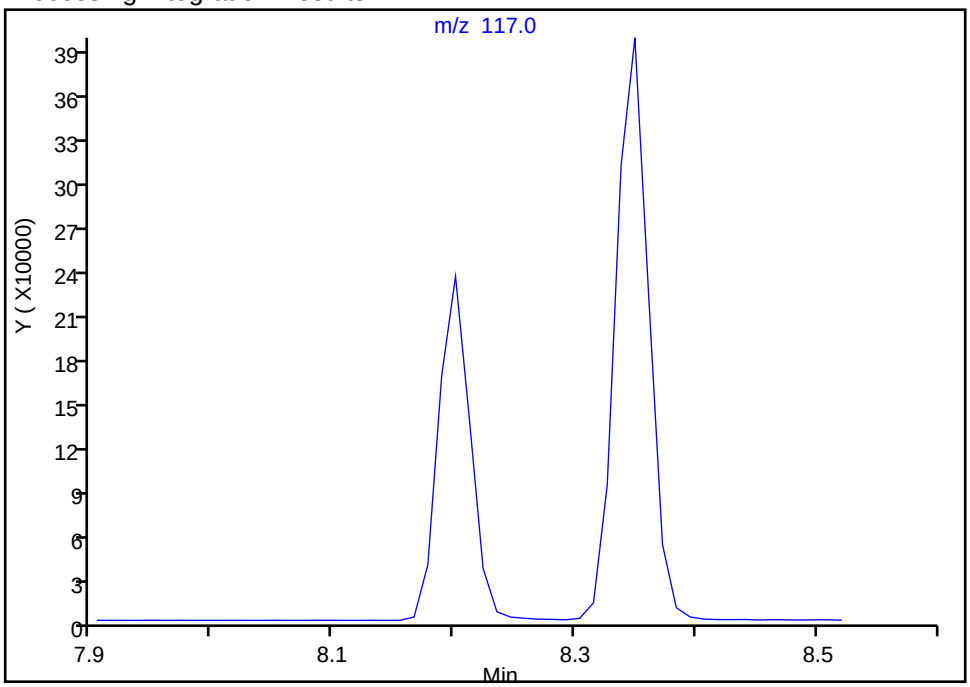
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21581.D
Injection Date: 01-Jul-2022 03:41:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

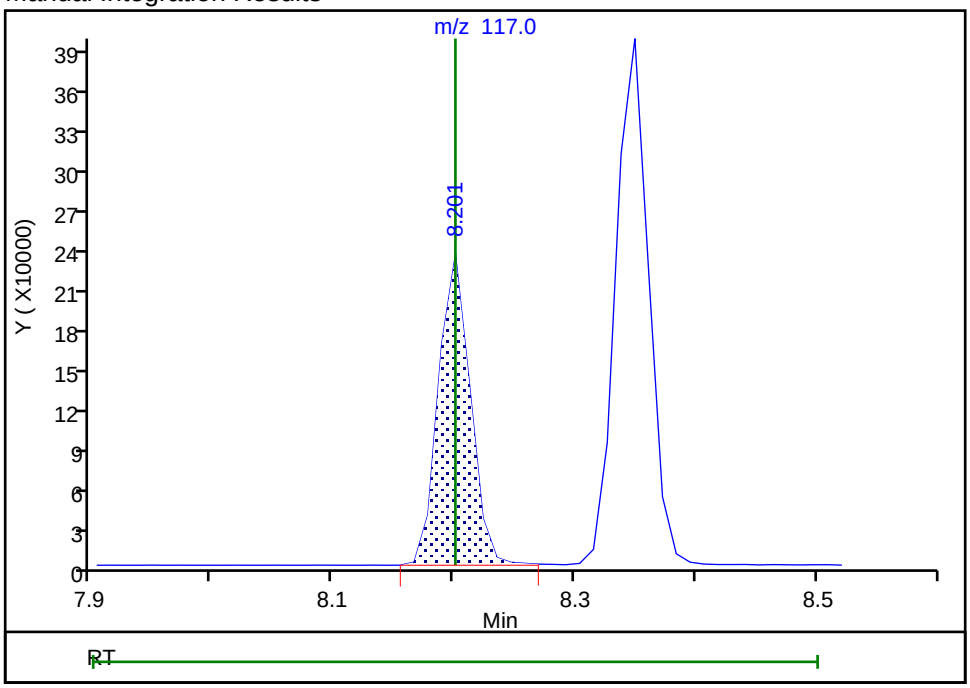
Not Detected
Expected RT: 8.20

Processing Integration Results



Manual Integration Results

RT: 8.20
Area: 421908
Amount: 50.000000
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:00:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 01-Jul-2022 13:48:18 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21582.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 01-Jul-2022 04:02:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0147308-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:48:17 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: HVW2 Date: 01-Jul-2022 04:26:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	65	196488	500.0	369.2	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	87	1156842	500.0	445.8	
4 1,1-Difluoroethane	65	1.274	1.275	-0.001	94	1275145	500.0	473.3	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	3416853	500.0	573.9	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	488296	500.0	456.4	
6 Chloromethane	50	1.423	1.423	0.000	99	3051107	500.0	494.5	
7 Vinyl chloride	62	1.480	1.480	0.000	98	3330901	500.0	477.8	
8 Butadiene	54	1.503	1.503	0.000	96	2949066	500.0	480.0	
9 Bromomethane	94	1.697	1.709	-0.012	99	2052450	500.0	433.7	
10 Chloroethane	64	1.755	1.766	-0.012	99	2008225	500.0	472.9	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	98	4394219	500.0	445.9	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	97	3686333	500.0	426.1	M
13 Pentane	72	1.926	1.937	-0.011	97	1004792	1000.0	916.8	
17 Ethanol	46	2.063	2.040	0.023	81	422924	20000	19970	
14 Ethyl ether	74	2.075	2.075	0.000	95	1754095	500.0	498.9	
15 2-Methyl-1,3-butadiene	53	2.097	2.097	0.000	95	2464746	500.0	445.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	86	1742725	500.0	302.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	99	3716468	500.0	454.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	99	2526882	500.0	463.0	
52 Acrolein	56	2.212	2.212	0.000	94	338780	400.0	387.3	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	96	2411886	500.0	436.5	
23 Acetone	43	2.303	2.303	0.000	87	4008248	2500.0	1912.4	
21 Iodomethane	142	2.372	2.372	0.000	96	3944645	500.0	433.2	
24 Isopropyl alcohol	45	2.372	2.372	0.000	94	1388409	5000.0	4433.1	
22 Carbon disulfide	76	2.406	2.406	0.000	99	7241376	500.0	434.5	
30 Methyl acetate	43	2.497	2.498	-0.001	99	4725200	1000.0	1011.7	
26 3-Chloro-1-propene	76	2.497	2.498	-0.001	83	2090520	500.0	490.5	
25 Cyclopentene	67	2.509	2.520	-0.011	94	7317184	500.0	496.3	
27 Acetonitrile	41	2.543	2.543	0.000	98	4268507	5000.0	5553.8	a
* 28 TBA-d9 (IS)	66	2.577	2.578	-0.001	99	47580	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
29 Methylene Chloride	84	2.600	2.600	0.000	90	2717180	500.0	461.5	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	99	2797542	5000.0	4230.9	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	96	9003638	500.0	491.8	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	92	2976387	500.0	440.0	
35 Acrylonitrile	53	2.806	2.806	0.000	95	12921228	5000.0	5678.9	
36 Hexane	57	2.875	2.886	-0.011	92	3421461	500.0	527.7	
37 Isopropyl ether	45	3.046	3.046	0.000	97	9038181	500.0	519.7	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	56	4962763	500.0	470.2	
40 Vinyl acetate	86	3.092	3.092	0.000	99	1493047	1000.0	900.2	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	90	2903401	500.0	480.6	
41 Tert-butyl ethyl ether	59	3.320	3.320	0.000	89	9048487	500.0	511.0	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	96	326583	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	97	1097806	500.0	453.5	
45 cis-1,2-Dichloroethene	96	3.560	3.560	0.000	90	3307010	500.0	438.7	
44 2-Butanone (MEK)	72	3.560	3.560	0.000	98	2143366	2500.0	2166.5	
47 Ethyl acetate	70	3.560	3.560	0.000	93	757293	1000.0	875.4	
46 Methyl acrylate	55	3.606	3.618	-0.012	99	2820612	500.0	533.7	
48 Propionitrile	54	3.686	3.675	0.011	99	4578647	5000.0	5477.8	
50 Tetrahydrofuran	72	3.755	3.766	-0.011	91	962648	1000.0	957.4	
49 Chlorobromomethane	128	3.766	3.766	0.000	90	1513375	500.0	398.2	
54 Methacrylonitrile	67	3.778	3.778	0.000	87	14887050	5000.0	5119.9	e
51 Chloroform	83	3.812	3.812	0.000	98	4910331	500.0	469.0	
53 Cyclohexane	84	3.938	3.938	0.000	89	4364699	500.0	488.7	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	98	4359644	500.0	455.8	
$ 56 Dibromofluoromethane (Surr)	113	3.960	3.961	-0.001	97	169527	50.0	46.2	
57 Carbon tetrachloride	117	4.063	4.063	0.000	97	3700291	500.0	471.9	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	97	4161756	500.0	493.7	
61 Isobutyl alcohol	43	4.212	4.212	0.000	92	4572399	12500	12028	
64 Isooctane	57	4.235	4.235	0.000	98	7695144	500.0	555.7	
59 Benzene	78	4.269	4.269	0.000	95	12575503	500.0	512.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	85	182459	50.0	49.5	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	2976407	500.0	471.6	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	96	9639882	500.0	500.1	
63 1,2-Dichloroethane	62	4.360	4.361	-0.001	95	3589482	500.0	469.7	
65 n-Heptane	57	4.418	4.418	0.000	92	1525893	500.0	519.9	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	649163	50.0	50.0	
70 n-Butanol	56	4.875	4.898	-0.023	86	1827427	12500	15464	
69 Trichloroethene	95	4.909	4.909	0.000	96	3074334	500.0	473.0	
72 Methylcyclohexane	83	5.035	5.035	0.000	80	4552139	500.0	523.1	
71 Ethyl acrylate	99	5.023	5.035	-0.012	98	528939	500.0	555.7	
73 1,2-Dichloropropane	63	5.206	5.206	0.000	91	2914637	500.0	515.7	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	43	15474	1000.0	1000.0	
74 Methyl methacrylate	100	5.275	5.275	0.000	89	2139627	1000.0	1061.1	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	579677	10000	9971.5	
77 n-Propyl acetate	43	5.332	5.344	-0.012	98	4489619	500.0	537.5	
75 Dibromomethane	93	5.343	5.344	-0.001	97	1760353	500.0	466.7	
76 Dichlorobromomethane	83	5.503	5.504	-0.001	100	3771841	500.0	485.2	
34 2-Nitropropane	41	5.846	5.846	0.000	97	2022376	1000.0	971.2	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	83	2192460	501.2	564.0	
80 Epichlorohydrin	57	5.972	5.961	0.011	99	7365133	10000	9586.7	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	5110104	500.0	513.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	96	15739574	2500.0	2449.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	804158	50.0	50.4	
83 Toluene	91	6.361	6.361	0.000	93	13801930	500.0	495.7	
85 trans-1,3-Dichloropropene	75	6.761	6.772	-0.011	98	4710952	500.0	522.1	
86 Ethyl methacrylate	69	6.795	6.795	0.000	89	4117379	500.0	592.3	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	95	2306675	500.0	485.1	
88 Tetrachloroethene	166	7.046	7.047	-0.001	96	3084618	500.0	435.6	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	93	4704698	500.0	514.0	
91 2-Hexanone	43	7.298	7.298	0.000	95	10960234	2500.0	2695.5	
92 n-Butyl acetate	43	7.447	7.447	-0.001	99	4702999	500.0	500.2	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	3024445	500.0	469.4	
93 Ethylene Dibromide	107	7.652	7.652	0.000	98	2825320	500.0	485.6	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	40	484215	50.0	50.0	a
95 Chlorobenzene	112	8.235	8.235	0.000	97	8570993	500.0	468.8	
97 Ethylbenzene	106	8.327	8.327	0.000	98	4711593	500.0	507.9	
96 1,1,1,2-Tetrachloroethane	131	8.349	8.350	-0.001	96	2768397	500.0	464.1	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	95	5811765	500.0	512.8	
100 o-Xylene	106	8.910	8.898	0.012	95	5593759	500.0	494.1	
99 n-Butyl acrylate	73	8.910	8.910	0.000	70	2519785	500.0	576.6	
101 Styrene	104	8.932	8.932	0.000	97	9599239	500.0	549.3	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	91	5447306	500.0	645.7	
103 Bromoform	173	9.150	9.150	0.000	96	2028190	500.0	483.8	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	13635954	500.0	486.2	e
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	199638	50.0	46.1	
107 Bromobenzene	156	9.595	9.595	0.000	97	3319698	500.0	468.1	
108 1,1,2,2-Tetrachloroethane	83	9.652	9.653	-0.001	99	4079654	500.0	560.7	
109 N-Propylbenzene	91	9.664	9.664	0.000	98	14314691	500.0	490.4	e
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	98	1159088	500.0	517.8	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	1190156	500.0	606.9	
113 4-Ethyltoluene	105	9.778	9.767	0.011	98	13941034	500.0	532.3	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	10808576	500.0	558.6	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	94	11111688	500.0	537.3	
110 4-Chlorotoluene	91	9.870	9.870	0.000	98	10122791	500.0	556.9	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	4210776	500.0	630.6	
118 tert-Butylbenzene	119	10.110	10.110	0.000	95	9693600	500.0	529.1	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	11116397	500.0	544.2	e
120 sec-Butylbenzene	105	10.304	10.293	0.011	99	13385553	500.0	530.7	e
121 4-Isopropyltoluene	119	10.430	10.418	0.012	98	12064266	500.0	547.3	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	78	6505105	500.0	509.5	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	229773	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	6604816	500.0	496.9	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	11971755	500.0	554.6	e
125 Benzyl chloride	91	10.635	10.635	0.000	99	8865889	500.0	606.3	
111 2,3-Dihydroindene	117	10.693	10.681	0.012	95	11662325	500.0	520.0	
126 p-Diethylbenzene	119	10.738	10.738	0.000	94	6370671	500.0	536.7	
127 n-Butylbenzene	92	10.761	10.761	0.000	99	5749489	500.0	591.6	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	97	6133566	500.0	497.2	
130 1,2,4,5-Tetramethylbenzene	119	11.355	11.356	-0.001	98	10569461	500.0	613.5	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	95	929770	500.0	519.9	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	3732551	500.0	504.8	
131 1,2,4-Trichlorobenzene	180	12.018	12.018	0.000	94	3410269	500.0	518.4	
133 Hexachlorobutadiene	225	12.098	12.098	0.000	91	1016960	500.0	507.8	
134 Naphthalene	128	12.201	12.201	0.000	99	12223696	500.0	627.1	e

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	97	3245158	500.0	521.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	878.8	
S 137 Xylenes, Total	100				0		1000.0	1006.8	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1035.7	
S 139 Total BTEX	1				0		2500.0	2522.5	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00417	Amount Added:	50.00	Units: uL	
MIX I Hi_00151	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00124	Amount Added:	50.00	Units: uL	
Ethanol mix_00066	Amount Added:	50.00	Units: uL	
8FreonHi_00046	Amount Added:	50.00	Units: uL	
ACROLEIN W_00141	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 13:48:18 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21582.D

Injection Date: 01-Jul-2022 04:02:30 Instrument ID: CVOAMS7

Lims ID: STD500

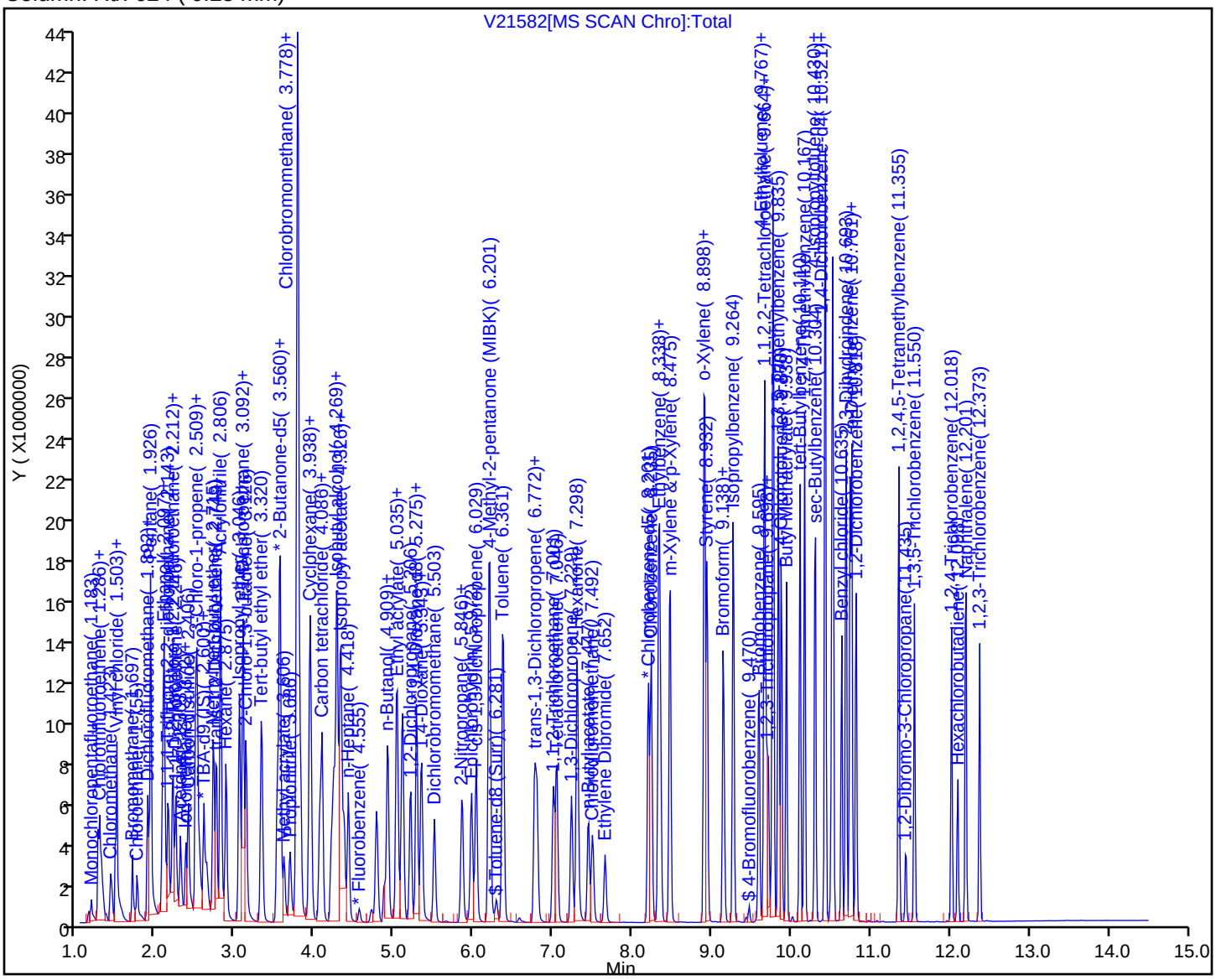
Client ID:

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

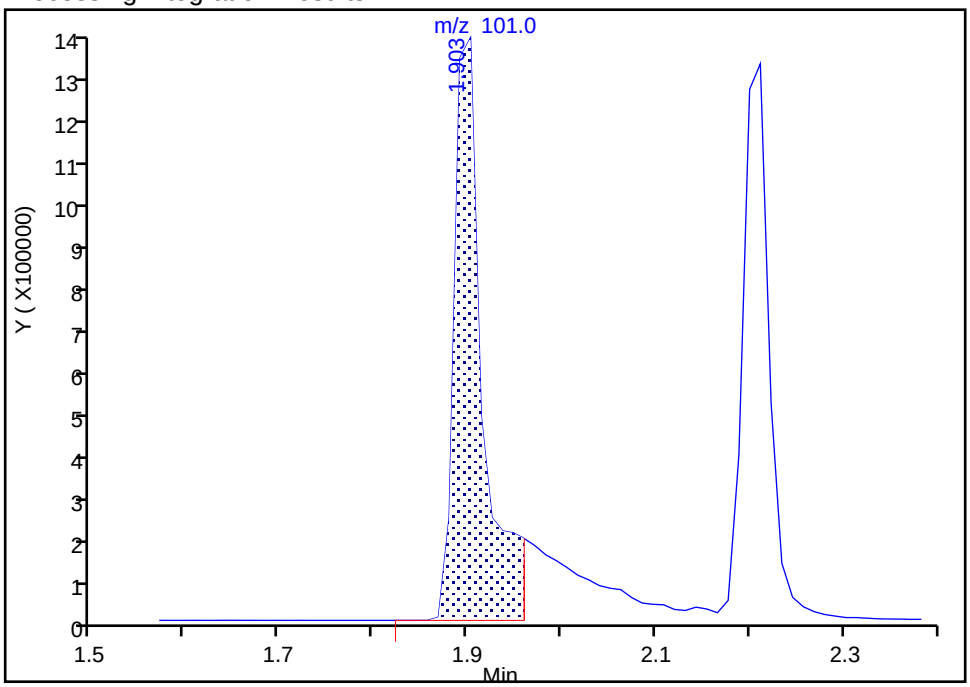
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21582.D
Injection Date: 01-Jul-2022 04:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

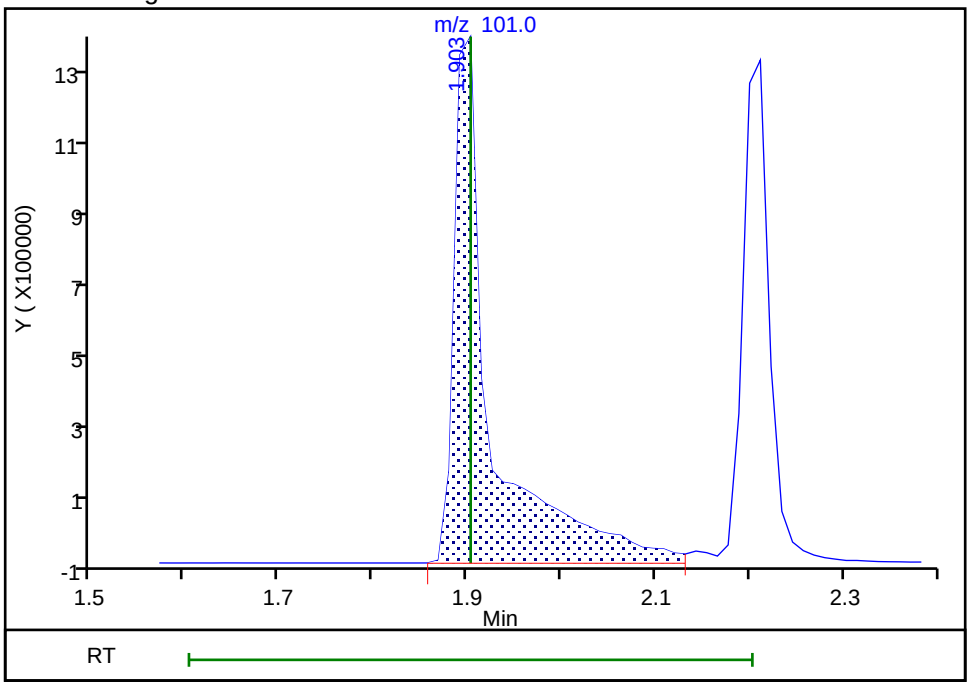
Processing Integration Results

RT: 1.90
Area: 2846332
Amount: 335.7813
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 3686333
Amount: 426.1024
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:04:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

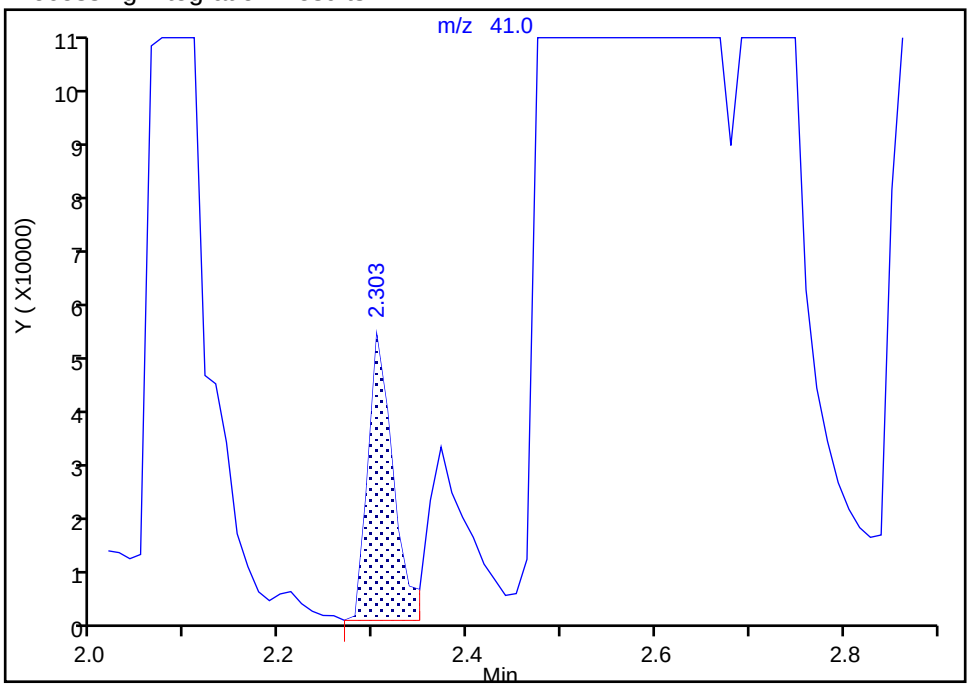
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21582.D
Injection Date: 01-Jul-2022 04:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

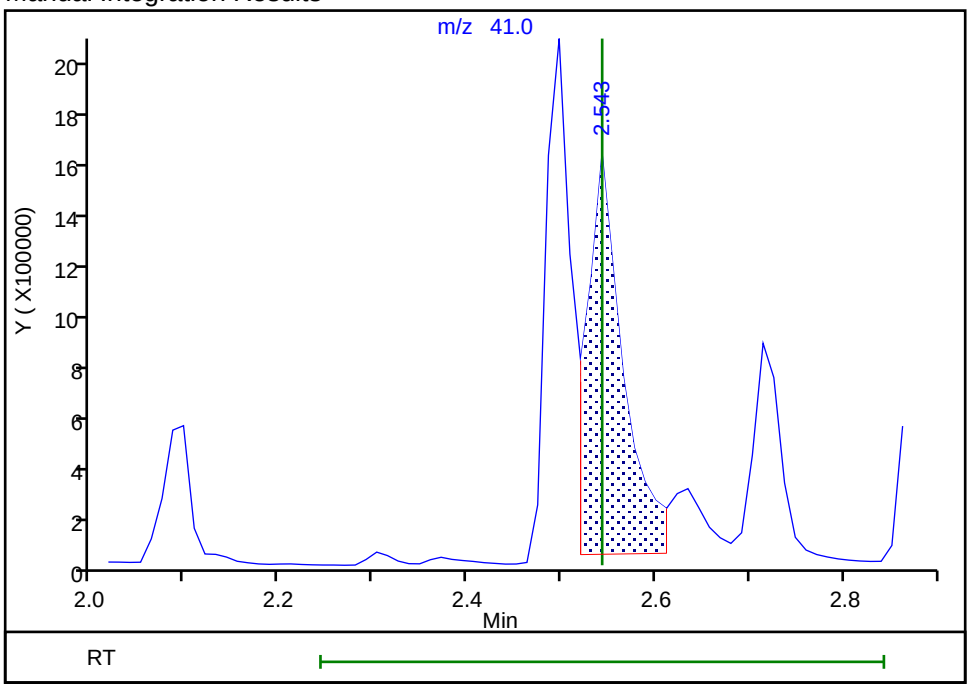
Processing Integration Results

RT: 2.30
Area: 94753
Amount: 129.5115
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 4268507
Amount: 5553.7866
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:04:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

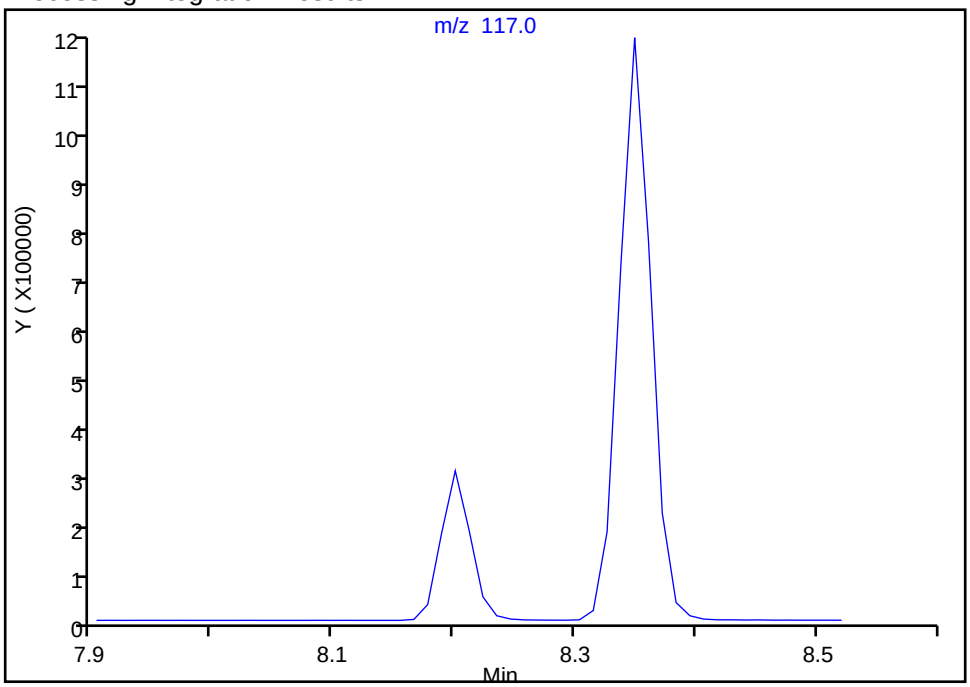
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21582.D
Injection Date: 01-Jul-2022 04:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

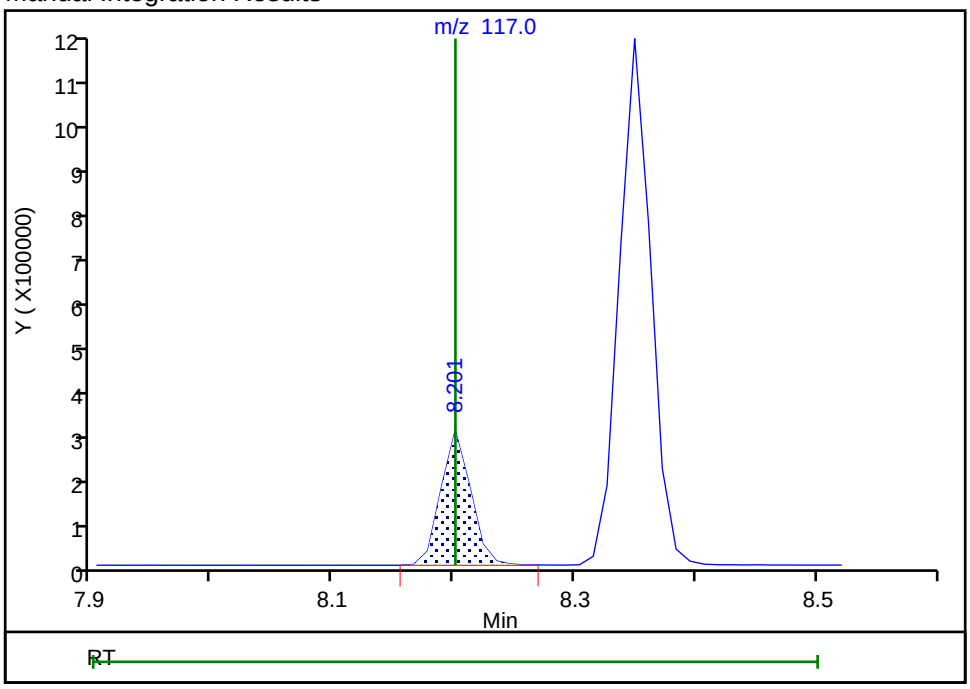
Not Detected
Expected RT: 8.20

Processing Integration Results



Manual Integration Results

RT: 8.20
Area: 484215
Amount: 50.000000
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:04:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 01-Jul-2022 13:48:28 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Jul-2022 07:33:30 ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0147308-018
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 13:48:26 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: NN6A Date: 01-Jul-2022 08:29:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	61	526	1.00	1.30	M
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	43	1886	1.00	0.9560	
4 1,1-Difluoroethane	65	1.275	1.275	-0.001	35	2365	1.00	1.15	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	89	3247	1.00	0.7173	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	43	911	1.00	1.12	
6 Chloromethane	50	1.423	1.423	0.000	93	6514	1.00	1.11	
7 Vinyl chloride	62	1.480	1.480	0.000	97	5529	1.00	1.04	
8 Butadiene	54	1.503	1.503	0.000	96	5382	1.00	1.15	
9 Bromomethane	94	1.709	1.709	0.000	92	4613	1.00	1.28	
10 Chloroethane	64	1.766	1.766	0.000	91	3242	1.00	1.00	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	91	7850	1.00	1.05	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	93	7405	1.00	1.13	
13 Pentane	72	1.926	1.937	-0.011	96	2048	2.00	2.46	
17 Ethanol	46	2.052	2.040	0.012	65	1092	40.0	71.5	
14 Ethyl ether	74	2.075	2.075	0.000	94	2395	1.00	0.8959	
15 2-Methyl-1,3-butadiene	53	2.097	2.097	0.000	90	5323	1.00	1.27	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	81	4593	1.00	1.05	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	96	7094	1.00	1.14	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	89	4802	1.00	1.16	
52 Acrolein	56	2.223	2.212	0.011	67	2715	4.00	4.08	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	93	4539	1.00	1.08	
23 Acetone	43	2.315	2.303	0.012	82	8345	5.00	6.09	
21 Iodomethane	142	2.372	2.372	0.000	99	7169	1.00	1.04	
24 Isopropyl alcohol	45	2.383	2.372	0.011	49	2389	10.0	12.2	
22 Carbon disulfide	76	2.406	2.406	0.000	100	15996	1.00	1.26	
30 Methyl acetate	43	2.509	2.498	0.011	79	7311	2.00	2.06	
26 3-Chloro-1-propene	76	2.497	2.498	-0.001	82	3274	1.00	1.01	
25 Cyclopentene	67	2.520	2.520	0.000	92	12222	1.00	1.09	
27 Acetonitrile	41	2.566	2.543	0.023	20	4069	10.0	8.10	a
* 28 TBA-d9 (IS)	66	2.577	2.578	-0.001	100	29695	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
29 Methylene Chloride	84	2.600	2.600	0.000	83	5379	1.00	1.20	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	97	5158	10.0	9.84	
32 Methyl tert-butyl ether	73	2.726	2.726	0.000	95	13282	1.00	0.9543	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	91	5853	1.00	1.14	
35 Acrylonitrile	53	2.818	2.806	0.012	94	16435	10.0	9.50	
36 Hexane	57	2.875	2.886	-0.011	88	5717	1.00	1.16	
37 Isopropyl ether	45	3.046	3.046	0.000	94	13488	1.00	1.02	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	96	8259	1.00	1.03	
40 Vinyl acetate	86	3.103	3.092	0.011	98	1872	2.00	1.73	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	89	4641	1.00	1.01	
41 Tert-butyl ethyl ether	59	3.320	3.320	0.000	90	12856	1.00	0.9548	
* 42 2-Butanone-d5	46	3.503	3.515	-0.012	100	213438	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	50	2077	1.00	1.13	
45 cis-1,2-Dichloroethene	96	3.560	3.560	0.000	94	6787	1.00	1.18	
44 2-Butanone (MEK)	72	3.560	3.560	0.000	92	3194	5.00	4.94	
47 Ethyl acetate	70	3.595	3.560	0.035	89	1121	2.00	1.98	
46 Methyl acrylate	55	3.618	3.618	0.000	43	3684	1.00	1.10	
48 Propionitrile	54	3.698	3.675	0.023	91	5724	10.0	9.01	
50 Tetrahydrofuran	72	3.778	3.766	0.012	33	1411	2.00	1.85	
49 Chlorobromomethane	128	3.766	3.766	0.000	74	3015	1.00	1.04	
54 Methacrylonitrile	67	3.778	3.778	0.000	93	19647	10.0	8.89	
51 Chloroform	83	3.812	3.812	0.000	96	8585	1.00	1.08	
53 Cyclohexane	84	3.938	3.938	0.000	82	7882	1.00	1.16	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	86	7680	1.00	1.06	
$ 56 Dibromofluoromethane (Surr)	113	3.960	3.961	-0.001	97	145023	50.0	51.9	
57 Carbon tetrachloride	117	4.063	4.063	0.000	95	6562	1.00	1.10	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	92	5371	1.00	0.8381	
61 Isobutyl alcohol	43	4.246	4.212	0.034	44	4931	25.0	26.2	
64 Isooctane	57	4.235	4.235	0.000	97	11456	1.00	1.09	
59 Benzene	78	4.281	4.269	0.011	96	19506	1.00	1.01	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	144180	50.0	51.4	
66 Isopropyl acetate	87	4.326	4.326	0.000	74	4712	1.00	0.9820	a
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	85	14825	1.00	1.01	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	89	5684	1.00	0.9783	
65 n-Heptane	57	4.418	4.418	0.000	85	2401	1.00	1.08	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	493560	50.0	50.0	
69 Trichloroethene	95	4.921	4.909	0.012	92	5107	1.00	1.03	
72 Methylcyclohexane	83	5.035	5.035	0.000	89	7223	1.00	1.09	
71 Ethyl acrylate	99	5.058	5.035	0.023	54	555	1.00	0.7669	M
73 1,2-Dichloropropane	63	5.206	5.206	0.000	81	4471	1.00	1.04	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	87	18920	1000.0	1000.0	
74 Methyl methacrylate	100	5.298	5.275	0.023	87	2189	2.00	1.43	
78 1,4-Dioxane	88	5.343	5.332	0.011	43	2559	50.0	34.2	M
77 n-Propyl acetate	43	5.355	5.344	0.011	91	5357	1.00	0.8435	
75 Dibromomethane	93	5.355	5.344	0.011	89	2770	1.00	0.9659	
76 Dichlorobromomethane	83	5.503	5.504	-0.001	97	6473	1.00	1.10	
34 2-Nitropropane	41	5.846	5.846	0.000	93	3510	2.00	2.22	
79 2-Chloroethyl vinyl ether	63	5.869	5.858	0.011	92	2533	1.00	0.8570	
80 Epichlorohydrin	57	5.984	5.961	0.023	97	7274	20.0	14.5	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	94	8305	1.00	1.06	
84 4-Methyl-2-pentanone (MIBK)	43	6.201	6.189	0.012	93	18571	5.00	4.42	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	635040	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.372	6.361	0.011	94	21568	1.00	0.9857	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	95	6887	1.00	0.9713	
86 Ethyl methacrylate	69	6.806	6.795	0.011	83	4342	1.00	0.7949	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	91	3557	1.00	0.9520	
88 Tetrachloroethene	166	7.047	7.047	-0.001	92	5864	1.00	1.05	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	90	7115	1.00	0.9891	
91 2-Hexanone	43	7.321	7.298	0.023	95	10197	5.00	3.84	
92 n-Butyl acetate	43	7.469	7.447	0.022	87	6537	1.00	1.18	
90 Chlorodibromomethane	129	7.492	7.492	0.000	94	5364	1.00	1.06	
93 Ethylene Dibromide	107	7.664	7.652	0.012	99	4811	1.00	1.05	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	380512	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	95	14936	1.00	1.04	
97 Ethylbenzene	106	8.338	8.327	0.011	97	7163	1.00	0.9826	
96 1,1,1,2-Tetrachloroethane	131	8.349	8.350	-0.001	65	4457	1.00	0.9508	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	95	9065	1.00	1.02	
100 o-Xylene	106	8.910	8.898	0.012	97	9543	1.00	1.07	
99 n-Butyl acrylate	73	8.921	8.910	0.011	68	3091	1.00	0.9000	
101 Styrene	104	8.944	8.932	0.012	91	12448	1.00	0.9064	
102 Amyl acetate (mixed isomers)	43	9.150	9.138	0.012	94	5434	1.00	0.7807	
103 Bromoform	173	9.150	9.150	0.000	72	2896	1.00	0.8790	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	22917	1.00	1.04	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	174412	50.0	51.2	
107 Bromobenzene	156	9.595	9.595	0.000	96	6011	1.00	1.03	
108 1,1,2,2-Tetrachloroethane	83	9.652	9.653	-0.001	73	6029	1.00	1.00	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	23554	1.00	0.9782	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	85	2311	1.00	1.01	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	80	1706	1.00	1.05	
113 4-Ethyltoluene	105	9.778	9.767	0.011	95	19205	1.00	0.8889	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	15303	1.00	0.9587	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	93	16898	1.00	0.99	
110 4-Chlorotoluene	91	9.870	9.870	0.000	97	15600	1.00	1.04	
117 Butyl Methacrylate	87	9.950	9.938	0.012	87	4395	1.00	0.7978	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	14642	1.00	0.9687	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	94	15139	1.00	0.8983	
120 sec-Butylbenzene	105	10.304	10.293	0.011	99	20176	1.00	0.9695	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	99	17556	1.00	0.9653	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	94	11087	1.00	1.05	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	189564	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	11994	1.00	1.09	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	17173	1.00	0.9643	
125 Benzyl chloride	91	10.635	10.635	0.000	98	9917	1.00	0.8220	
111 2,3-Dihydroindene	117	10.693	10.681	0.012	96	17710	1.00	0.9571	
126 p-Diethylbenzene	119	10.738	10.738	0.000	91	9446	1.00	0.9646	
127 n-Butylbenzene	92	10.761	10.761	0.000	98	8097	1.00	1.01	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	97	10030	1.00	0.9855	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	11408	1.00	0.8027	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	41	1251	1.00	0.8480	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	96	6091	1.00	1.00	
131 1,2,4-Trichlorobenzene	180	12.018	12.018	0.000	93	5425	1.00	1.00	
133 Hexachlorobutadiene	225	12.098	12.098	0.000	86	2279	1.00	1.09	
134 Naphthalene	128	12.201	12.201	0.000	98	11635	1.00	0.7235	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	94	4855	1.00	0.9458	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.32	
S 137 Xylenes, Total	100				0		2.00	2.09	
S 138 1,3-Dichloropropene, Total	1				0		2.00	2.03	
S 139 Total BTEX	1				0		5.00	5.07	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00155	Amount Added: 10.00	Units: uL		
524freon_00053	Amount Added: 10.00	Units: uL		
ACROLEIN W_00141	Amount Added: 4.00	Units: uL		
14DIOXINTER_00143	Amount Added: 30.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 01-Jul-2022 13:48:28 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7

Lims ID: STD1

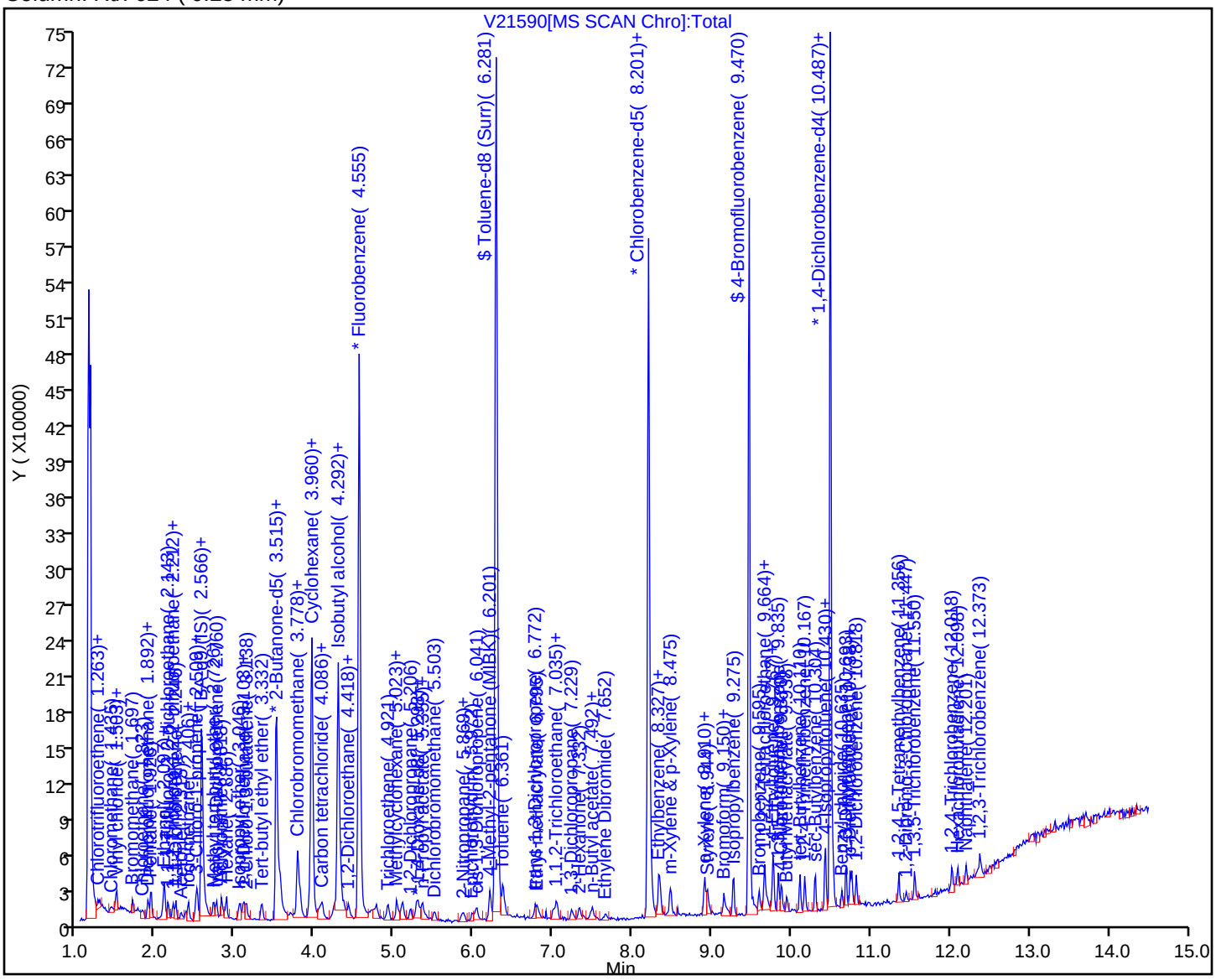
Client ID:

Operator ID: ALS Bottle#: 67 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

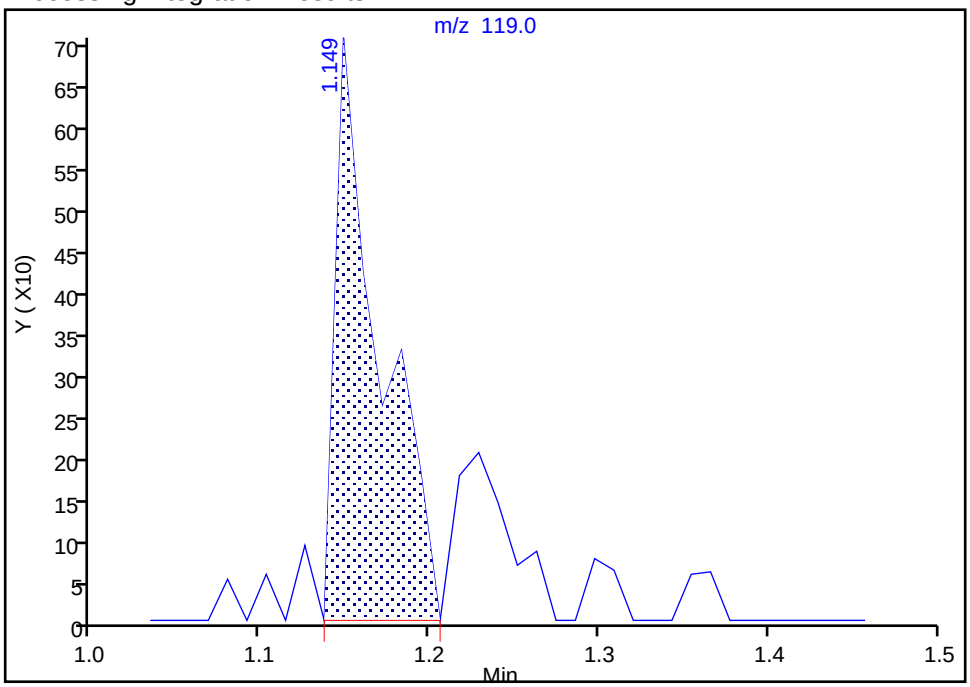
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

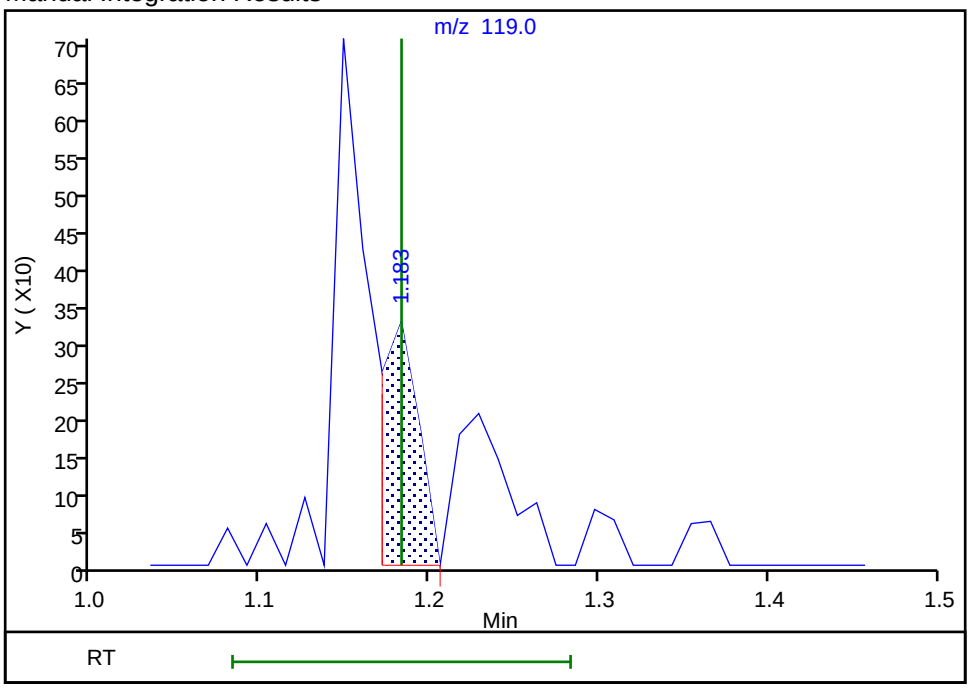
Processing Integration Results

RT: 1.15
Area: 1303
Amount: 2.852371
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 526
Amount: 1.300006
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:13:28
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

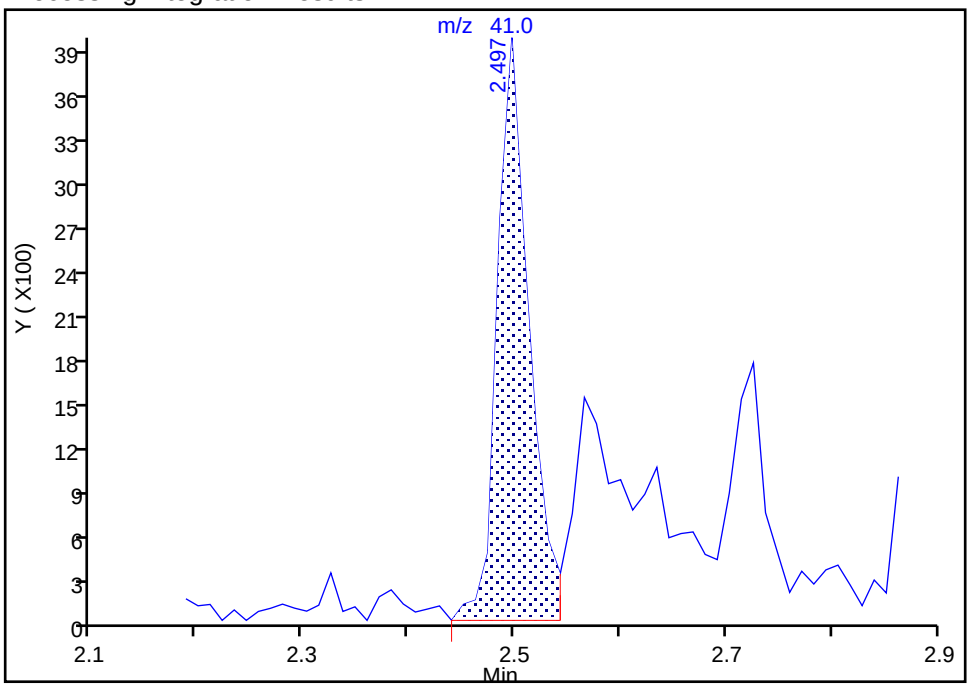
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

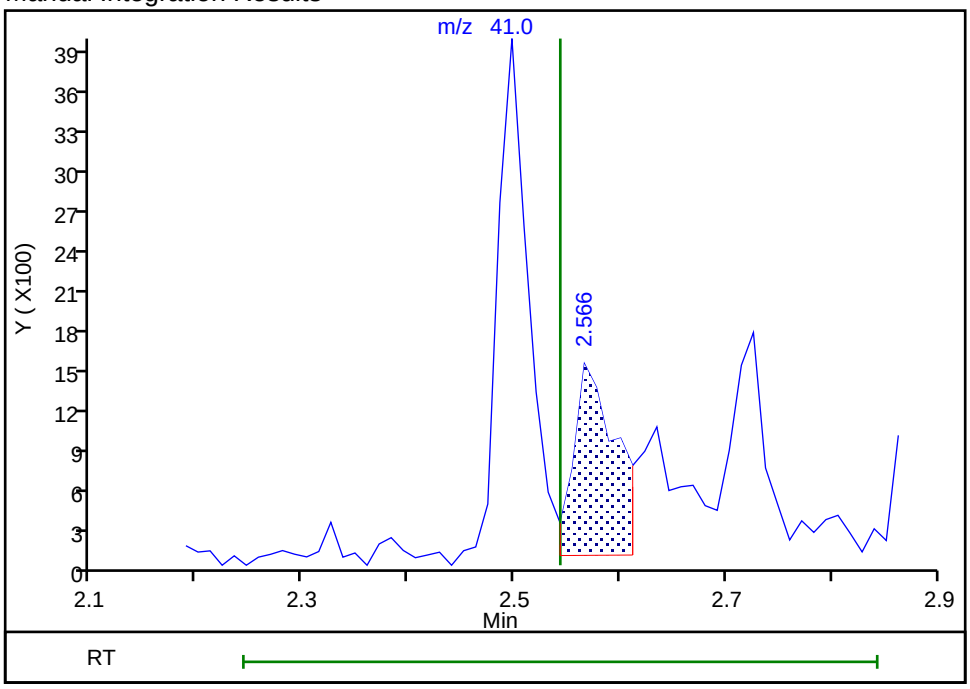
Processing Integration Results

RT: 2.50
Area: 8208
Amount: 15.673734
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 4069
Amount: 8.100703
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:13:44
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

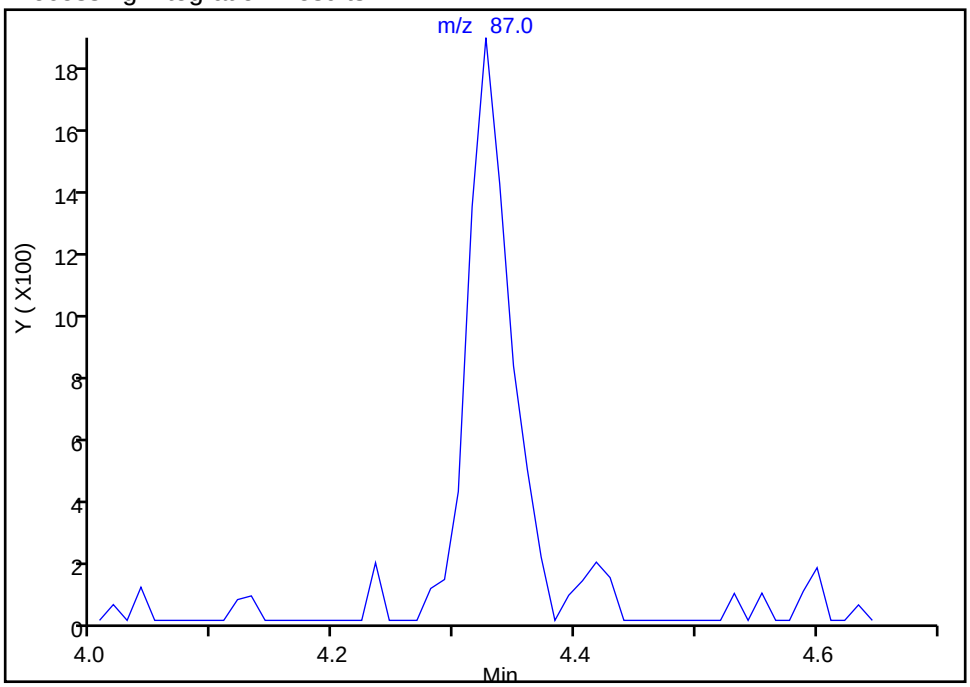
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

66 Isopropyl acetate, CAS: 108-21-4

Signal: 1

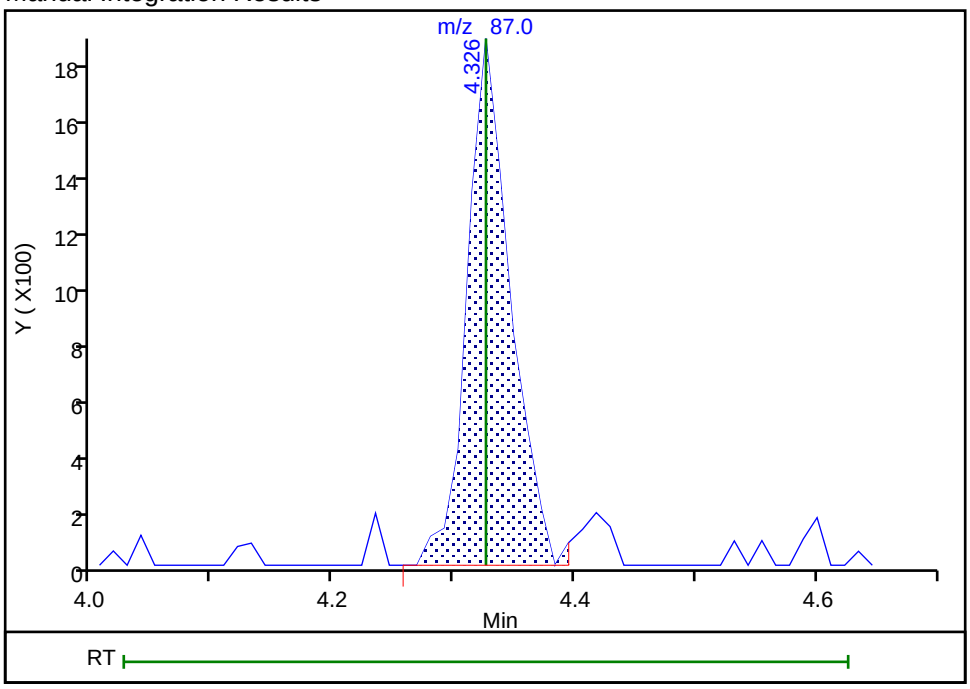
Not Detected
Expected RT: 4.33

Processing Integration Results



Manual Integration Results

RT: 4.33
Area: 4712
Amount: 0.981983
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:14:18
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

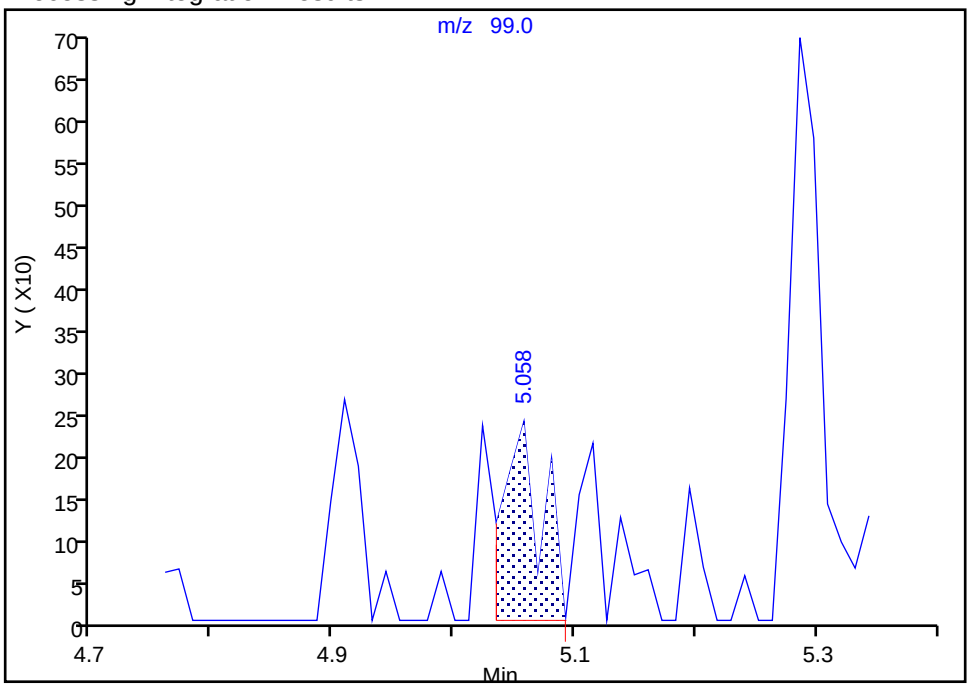
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

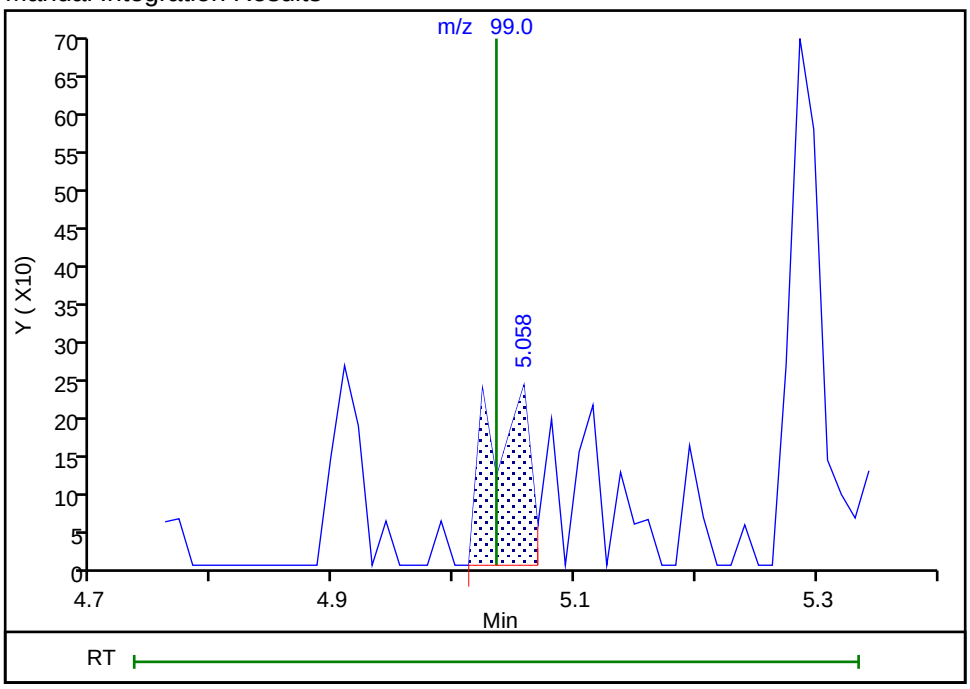
Processing Integration Results

RT: 5.06
Area: 529
Amount: 0.734722
Amount Units: ug/l



Manual Integration Results

RT: 5.06
Area: 555
Amount: 0.766877
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:14:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

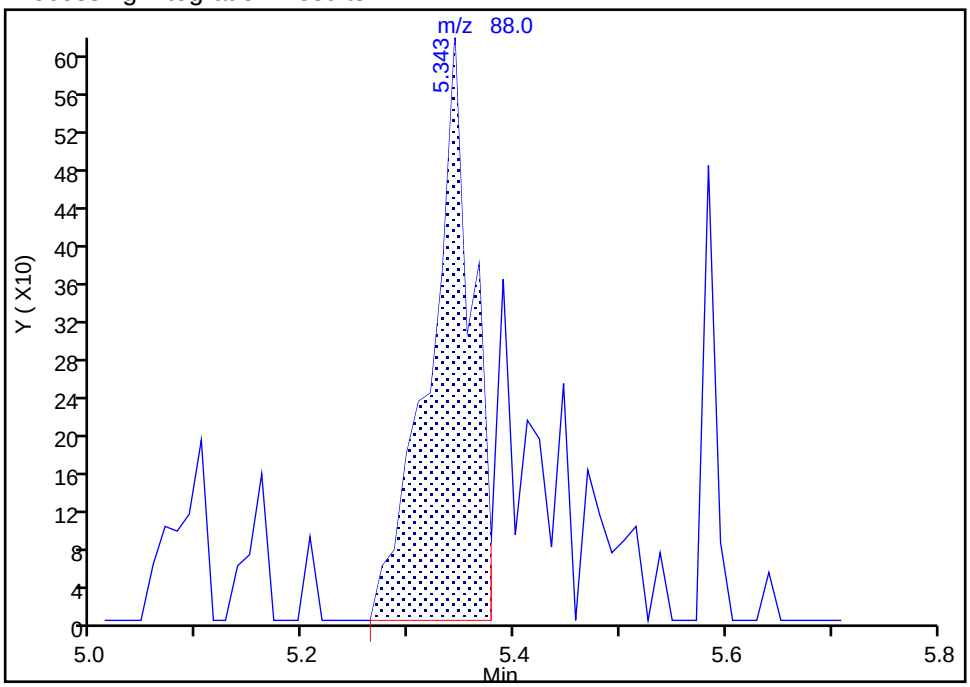
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

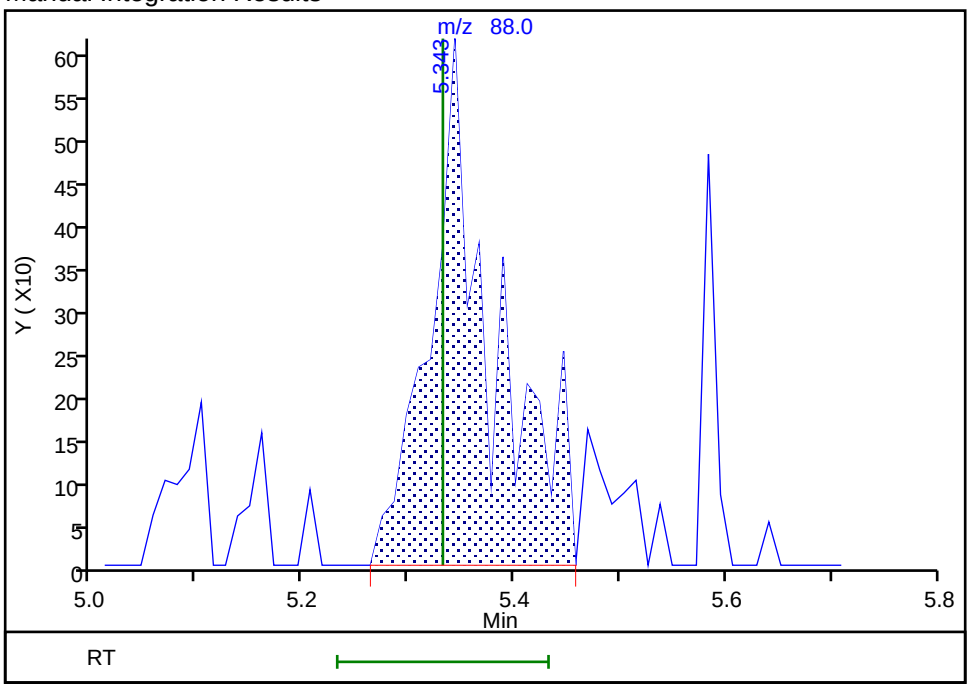
Processing Integration Results

RT: 5.34
Area: 1742
Amount: 23.298056
Amount Units: ug/l



Manual Integration Results

RT: 5.34
Area: 2559
Amount: 34.223909
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:15:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

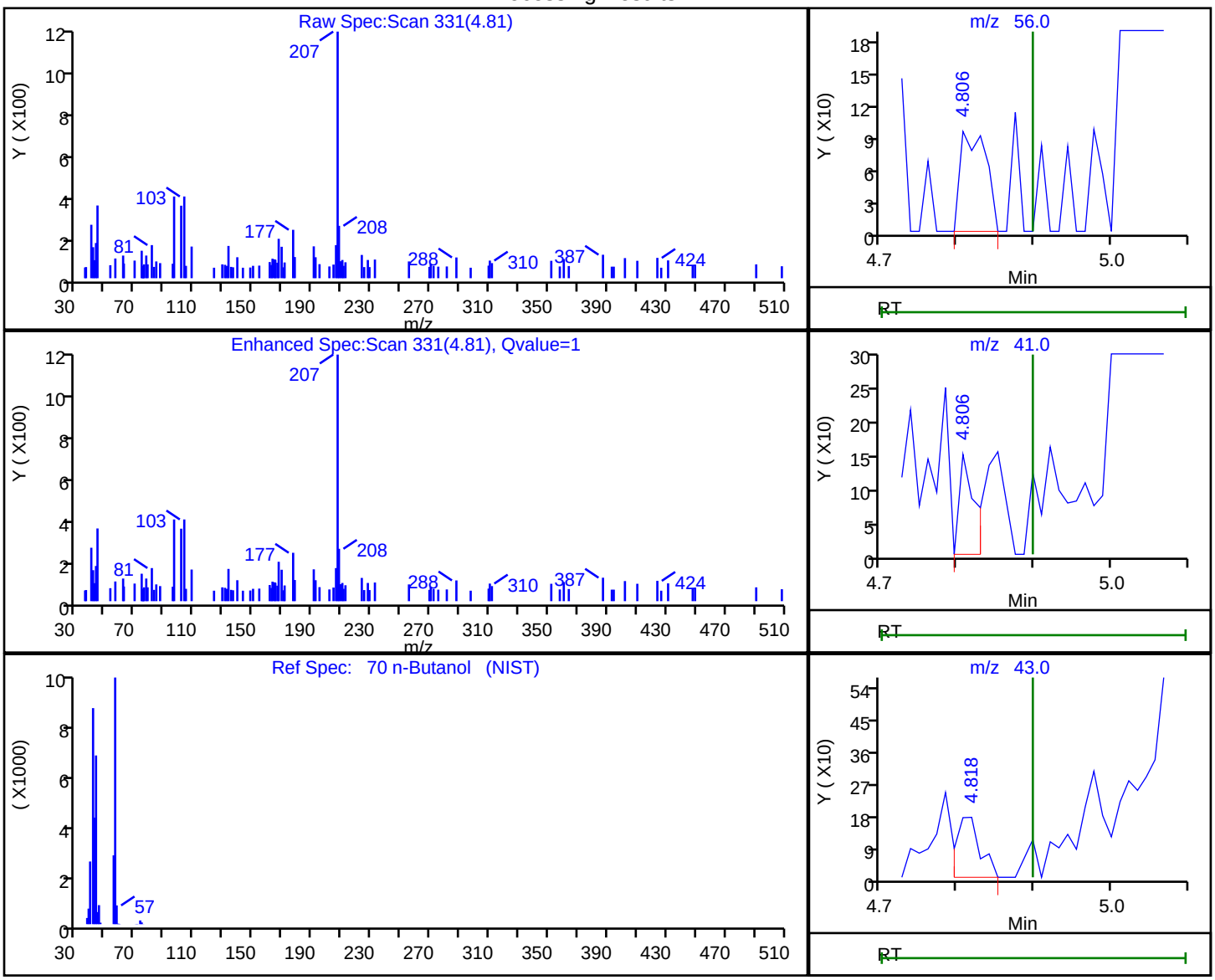
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D
Injection Date: 01-Jul-2022 07:33:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.81	56.00	220	2.303032
4.81	41.00	206	
4.82	43.00	367	

Reviewer: NN6A, 01-Jul-2022 13:14:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Calibration / Monochloropentafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

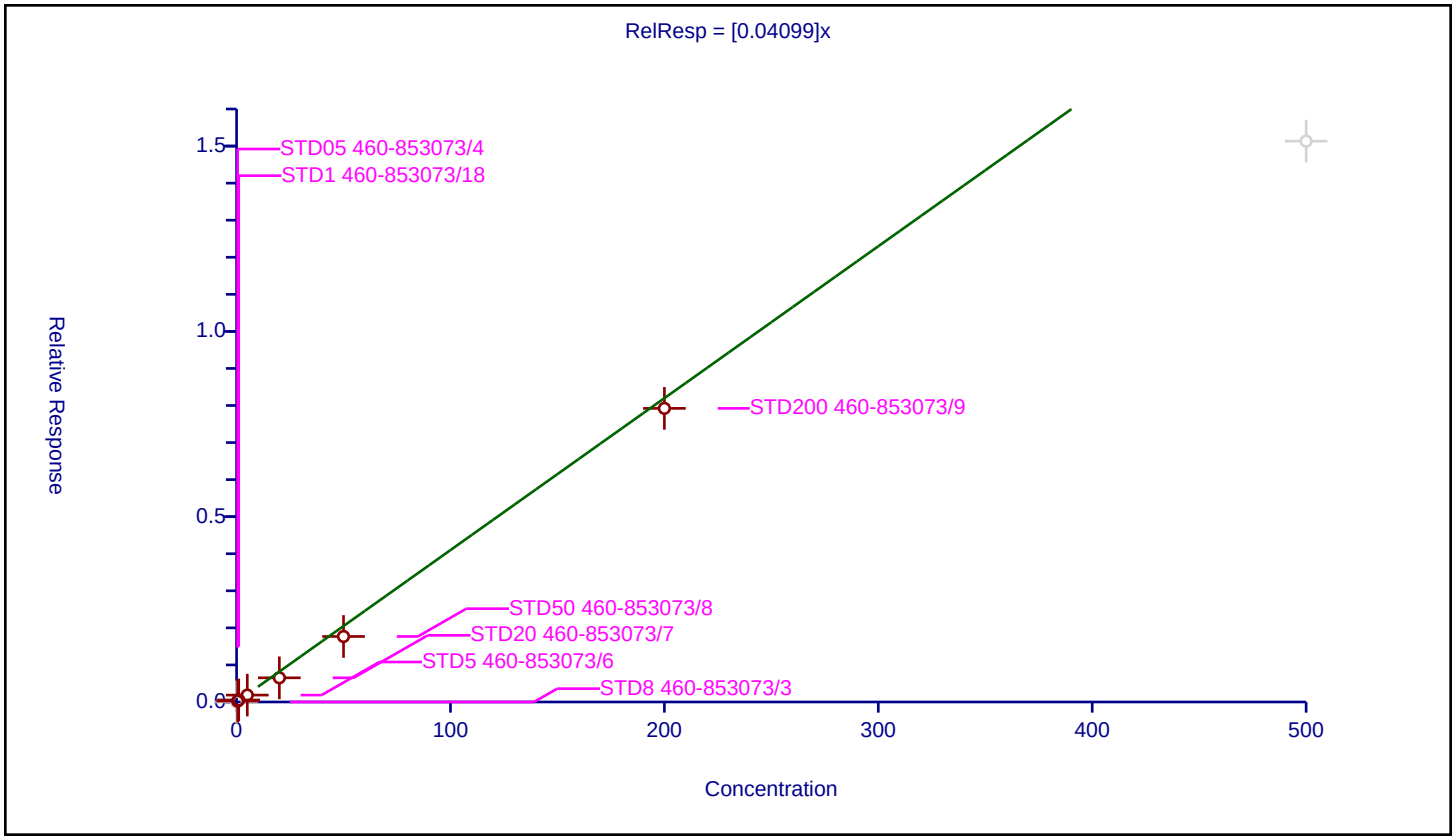
Curve Coefficients

Intercept:	0
Slope:	0.04099

Error Coefficients

Standard Error:	39100
Relative Standard Error:	19.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.941

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.023976	50.0	494236.0	0.047953	Y
3	STD1 460-853073/18	1.0	0.053286	50.0	493560.0	0.053286	Y
4	STD5 460-853073/6	5.0	0.185642	50.0	462988.0	0.037128	Y
5	STD20 460-853073/7	20.0	0.652047	50.0	453495.0	0.032602	Y
6	STD50 460-853073/8	50.0	1.767671	50.0	478511.0	0.035353	Y
7	STD200 460-853073/9	200.0	7.922497	50.0	539590.0	0.039612	Y
8	STD500 460-853073/10	500.0	15.133949	50.0	649163.0	0.030268	N



Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

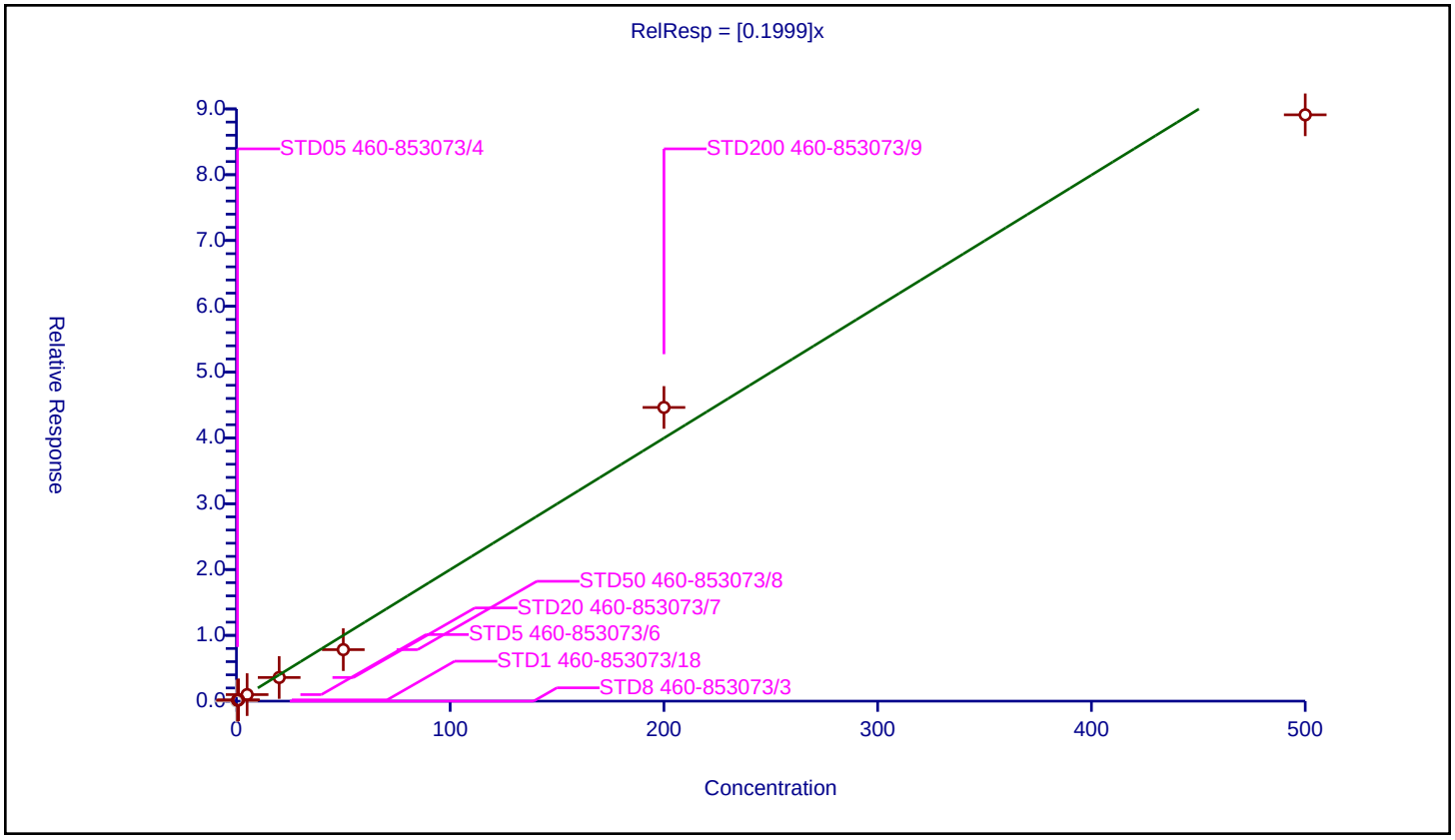
Curve Coefficients

Intercept:	0
Slope:	0.1999

Error Coefficients

Standard Error:	513000
Relative Standard Error:	18.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.135664	50.0	494236.0	0.271328	Y
3	STD1 460-853073/18	1.0	0.191061	50.0	493560.0	0.191061	Y
4	STD5 460-853073/6	5.0	0.995382	50.0	462988.0	0.199076	Y
5	STD20 460-853073/7	20.0	3.593424	50.0	453495.0	0.179671	Y
6	STD50 460-853073/8	50.0	7.827093	50.0	478511.0	0.156542	Y
7	STD200 460-853073/9	200.0	44.631572	50.0	539590.0	0.223158	Y
8	STD500 460-853073/10	500.0	89.102583	50.0	649163.0	0.178205	Y



Calibration / 1,1-Difluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

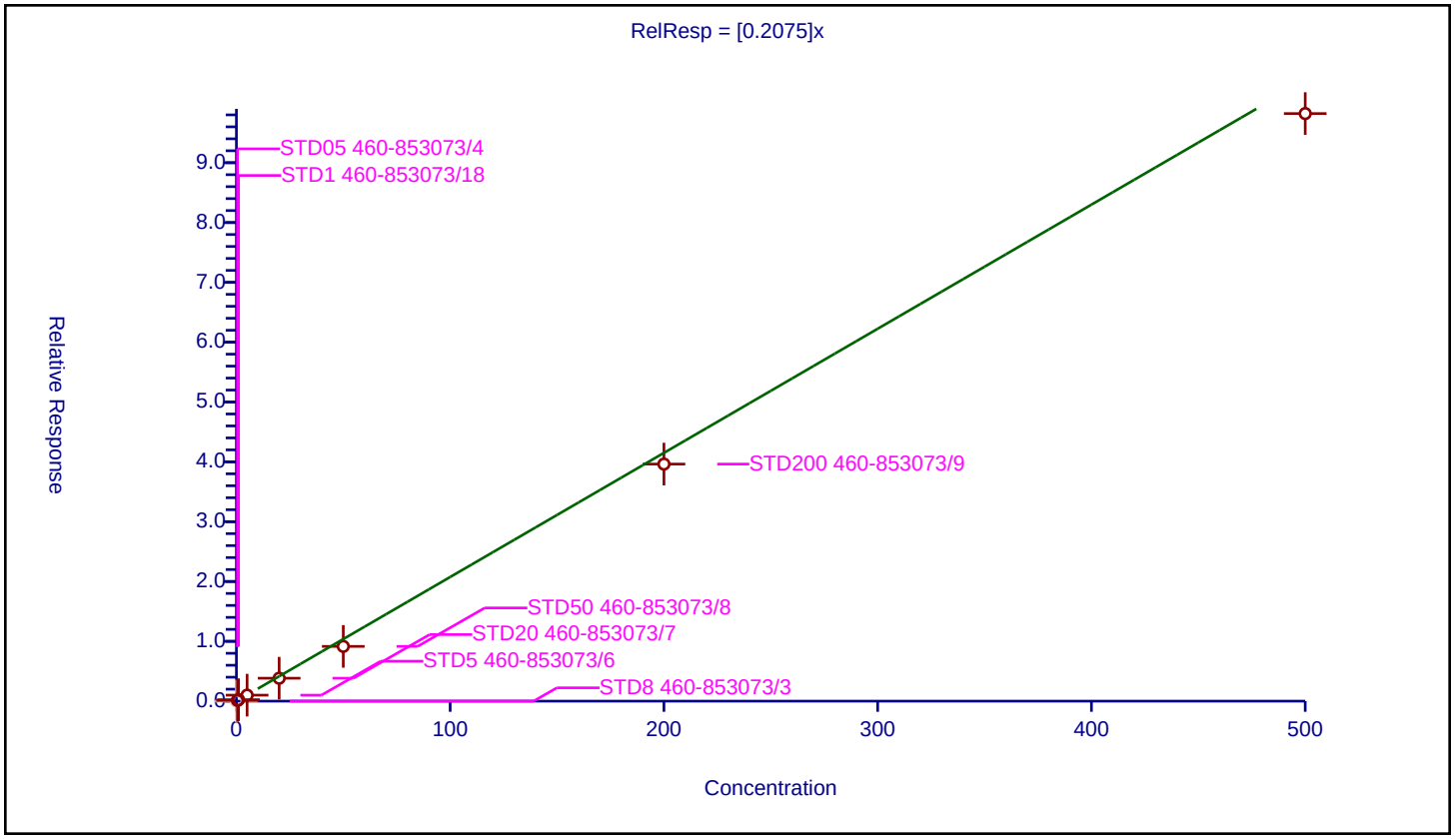
Curve Coefficients

Intercept:	0
Slope:	0.2075

Error Coefficients

Standard Error:	550000
Relative Standard Error:	11.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.122108	50.0	494236.0	0.244215	Y
3	STD1 460-853073/18	1.0	0.239586	50.0	493560.0	0.239586	Y
4	STD5 460-853073/6	5.0	0.997434	50.0	462988.0	0.199487	Y
5	STD20 460-853073/7	20.0	3.831134	50.0	453495.0	0.191557	Y
6	STD50 460-853073/8	50.0	9.151618	50.0	478511.0	0.183032	Y
7	STD200 460-853073/9	200.0	39.627773	50.0	539590.0	0.198139	Y
8	STD500 460-853073/10	500.0	98.214547	50.0	649163.0	0.196429	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

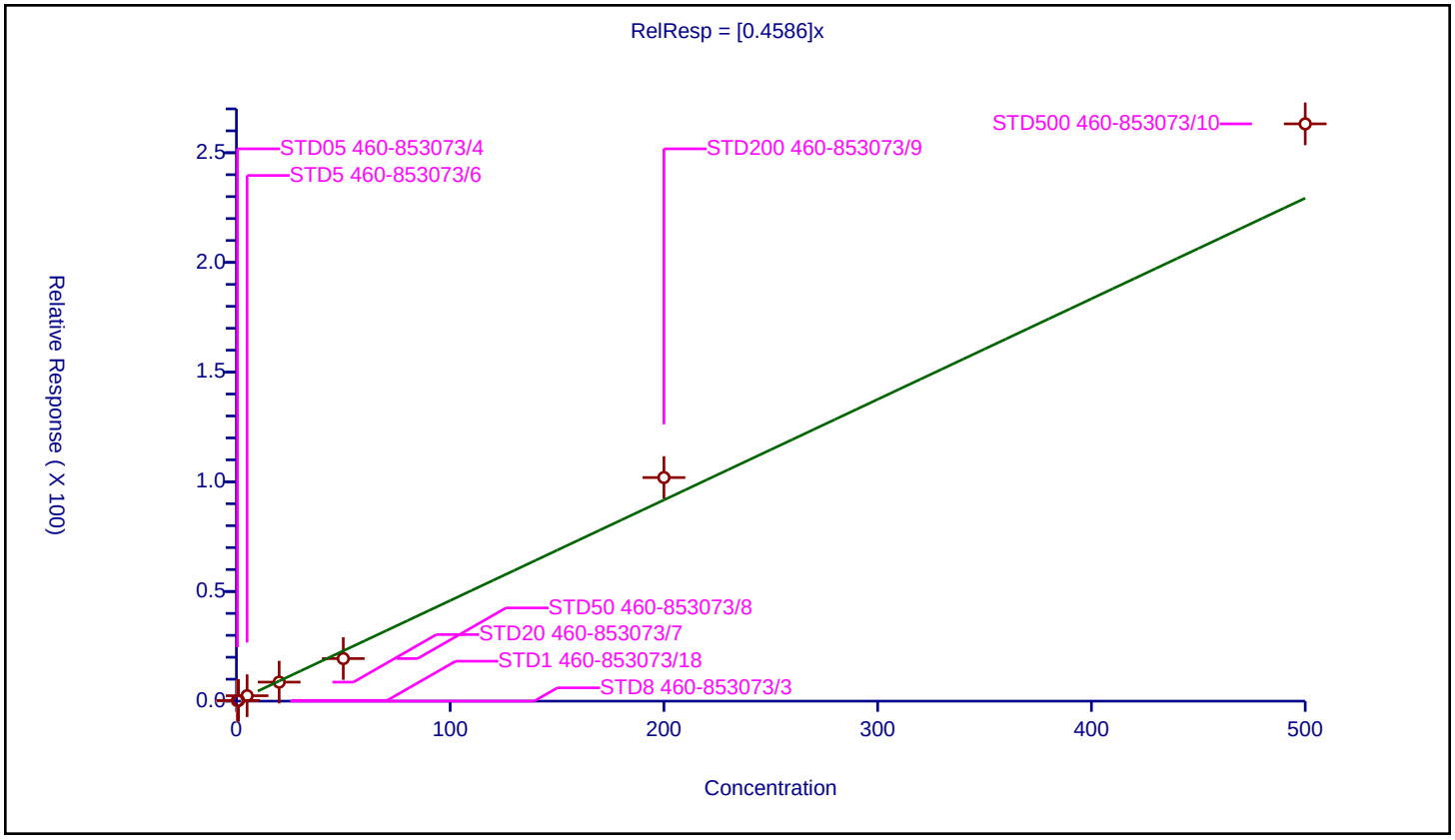
Curve Coefficients

Intercept:	0
Slope:	0.4586

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	16.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.264651	50.0	494236.0	0.529302	Y
3	STD1 460-853073/18	1.0	0.328937	50.0	493560.0	0.328937	Y
4	STD5 460-853073/6	5.0	2.470474	50.0	462988.0	0.494095	Y
5	STD20 460-853073/7	20.0	8.674627	50.0	453495.0	0.433731	Y
6	STD50 460-853073/8	50.0	19.406659	50.0	478511.0	0.388133	Y
7	STD200 460-853073/9	200.0	101.92637	50.0	539590.0	0.509632	Y
8	STD500 460-853073/10	500.0	263.173733	50.0	649163.0	0.526347	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

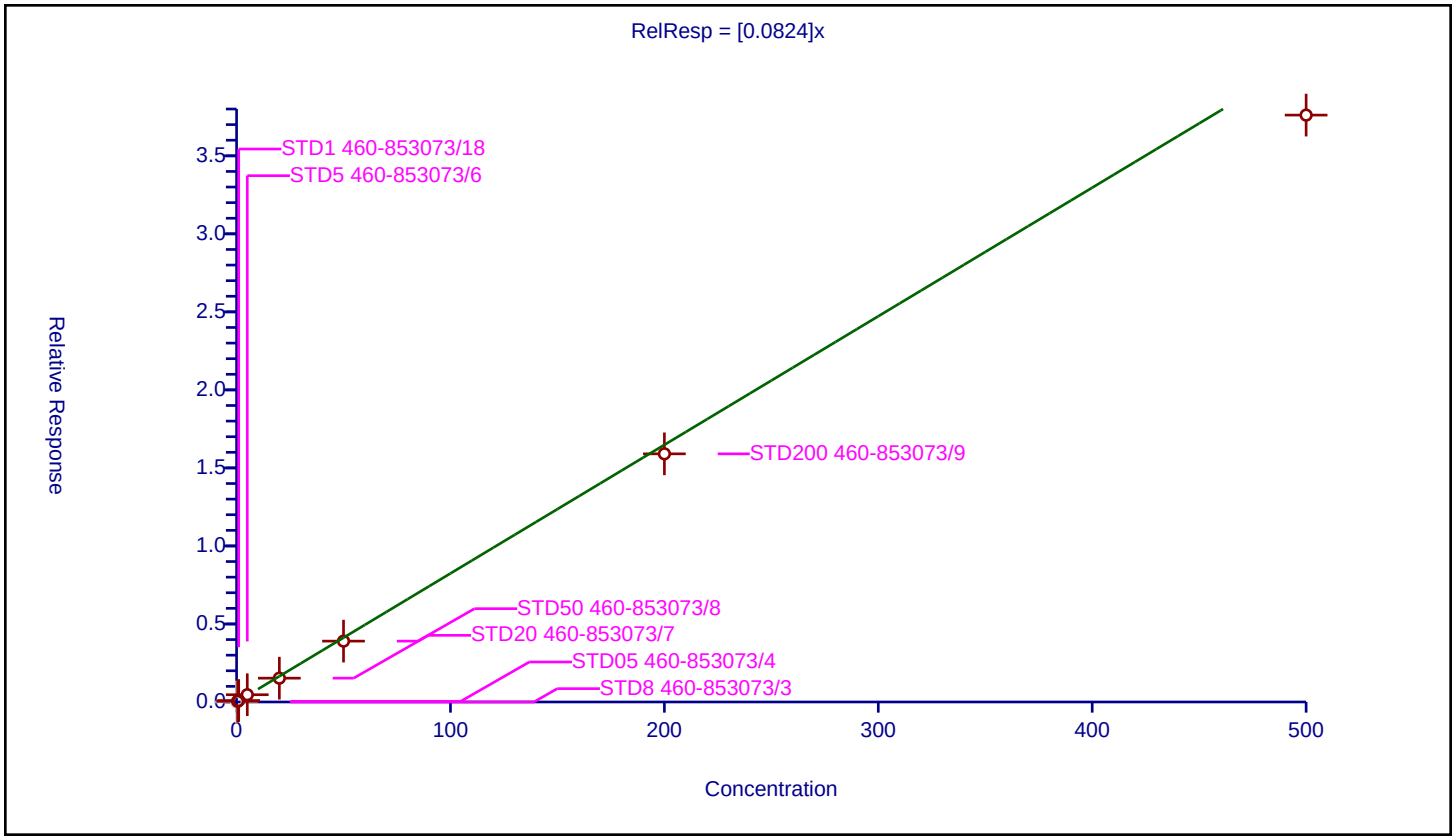
Curve Coefficients

Intercept:	0
Slope:	0.0824

Error Coefficients

Standard Error:	212000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.041073	50.0	494236.0	0.082147	Y
3	STD1 460-853073/18	1.0	0.092289	50.0	493560.0	0.092289	Y
4	STD5 460-853073/6	5.0	0.466427	50.0	462988.0	0.093285	Y
5	STD20 460-853073/7	20.0	1.526808	50.0	453495.0	0.07634	Y
6	STD50 460-853073/8	50.0	3.89991	50.0	478511.0	0.077998	Y
7	STD200 460-853073/9	200.0	15.902259	50.0	539590.0	0.079511	Y
8	STD500 460-853073/10	500.0	37.60966	50.0	649163.0	0.075219	Y



Calibration / Chloromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

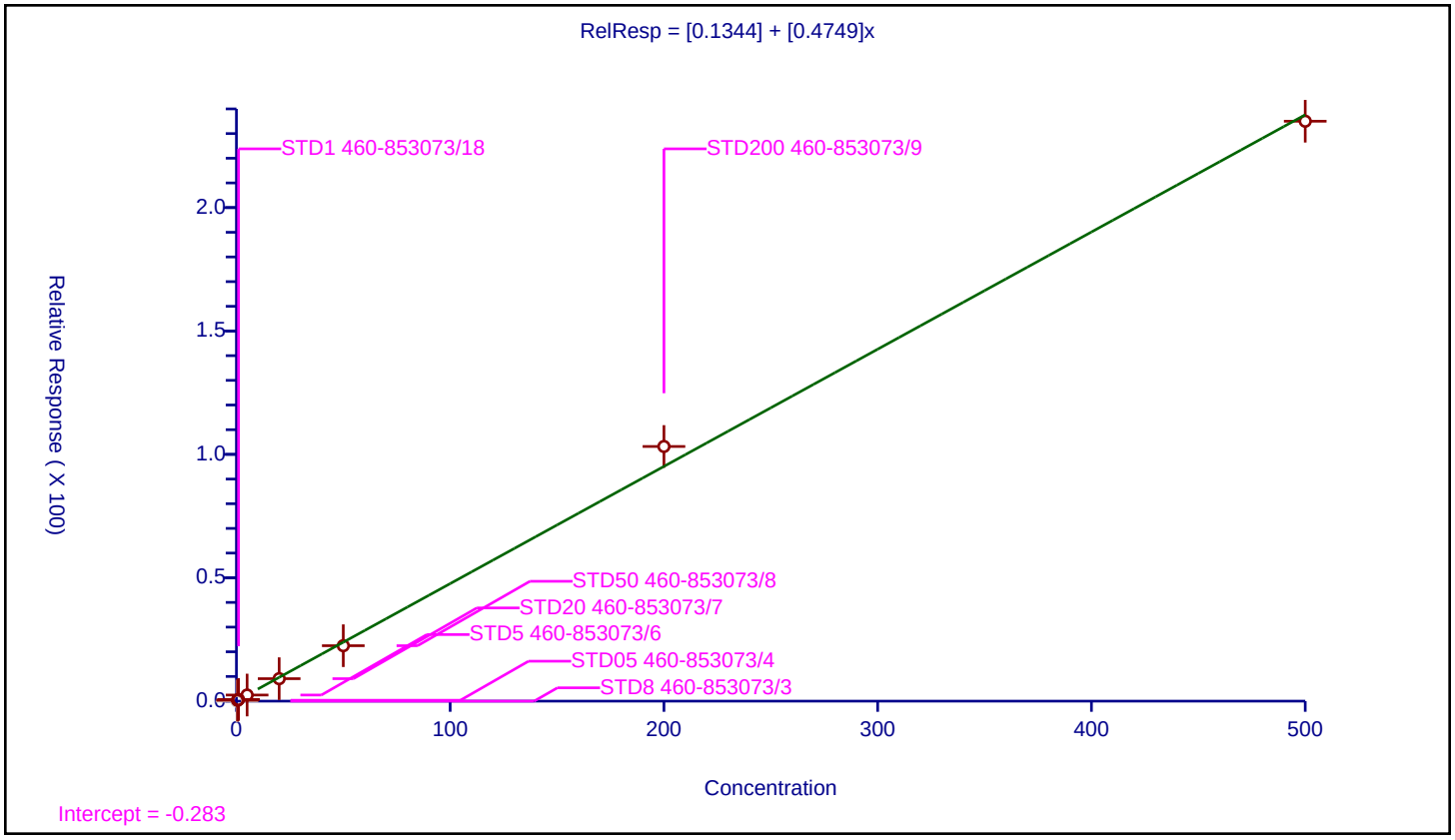
Curve Coefficients

Intercept:	0.1344
Slope:	0.4749

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.360051	50.0	494236.0	0.720101	Y
3	STD1 460-853073/18	1.0	0.6599	50.0	493560.0	0.6599	Y
4	STD5 460-853073/6	5.0	2.473714	50.0	462988.0	0.494743	Y
5	STD20 460-853073/7	20.0	9.101093	50.0	453495.0	0.455055	Y
6	STD50 460-853073/8	50.0	22.466359	50.0	478511.0	0.449327	Y
7	STD200 460-853073/9	200.0	103.194184	50.0	539590.0	0.515971	Y
8	STD500 460-853073/10	500.0	235.00315	50.0	649163.0	0.470006	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

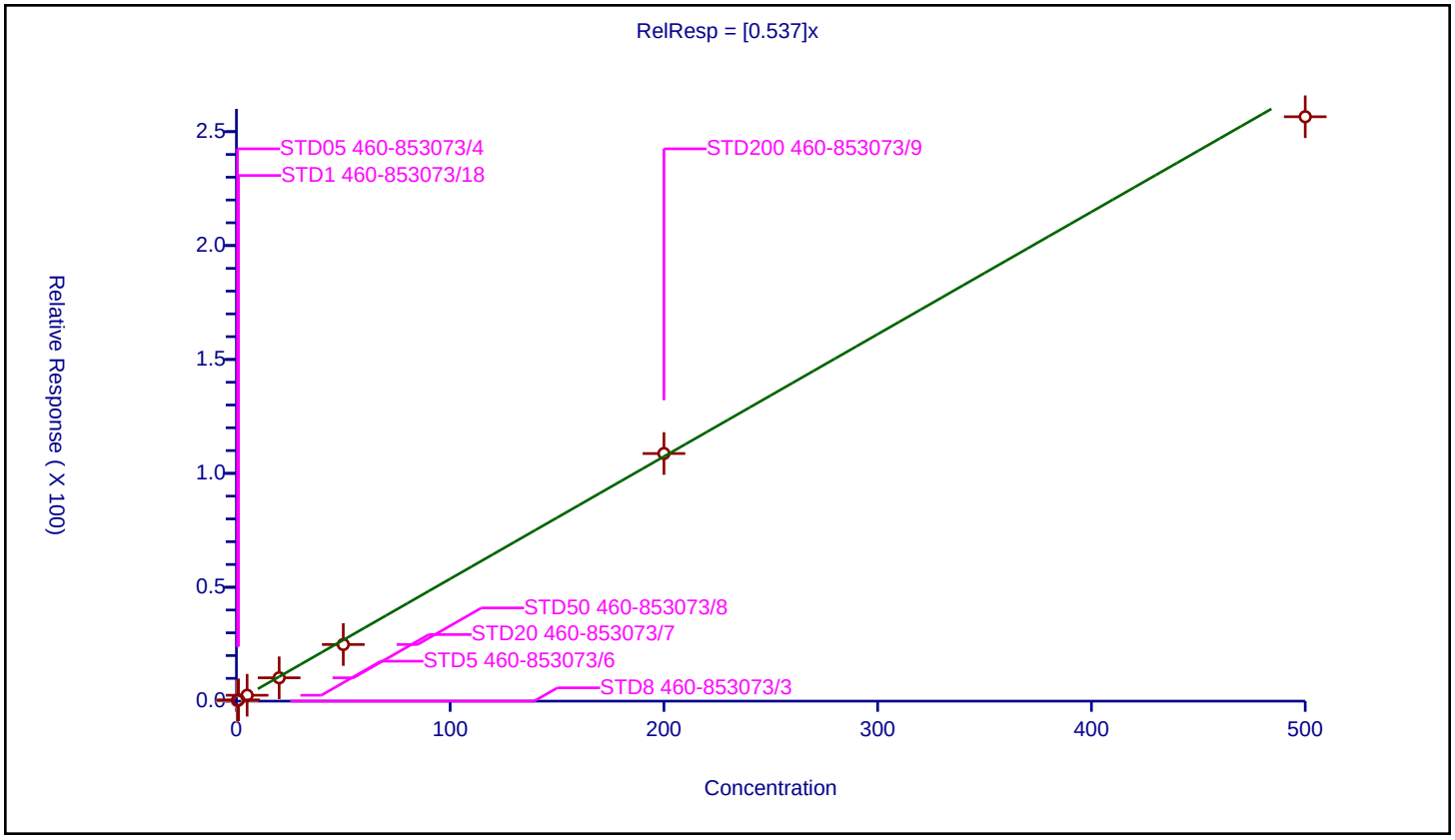
Curve Coefficients

Intercept:	0
Slope:	0.537

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.306938	50.0	494236.0	0.613877	Y
3	STD1 460-853073/18	1.0	0.560114	50.0	493560.0	0.560114	Y
4	STD5 460-853073/6	5.0	2.590348	50.0	462988.0	0.51807	Y
5	STD20 460-853073/7	20.0	10.253366	50.0	453495.0	0.512668	Y
6	STD50 460-853073/8	50.0	24.869439	50.0	478511.0	0.497389	Y
7	STD200 460-853073/9	200.0	108.706055	50.0	539590.0	0.54353	Y
8	STD500 460-853073/10	500.0	256.553516	50.0	649163.0	0.513107	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

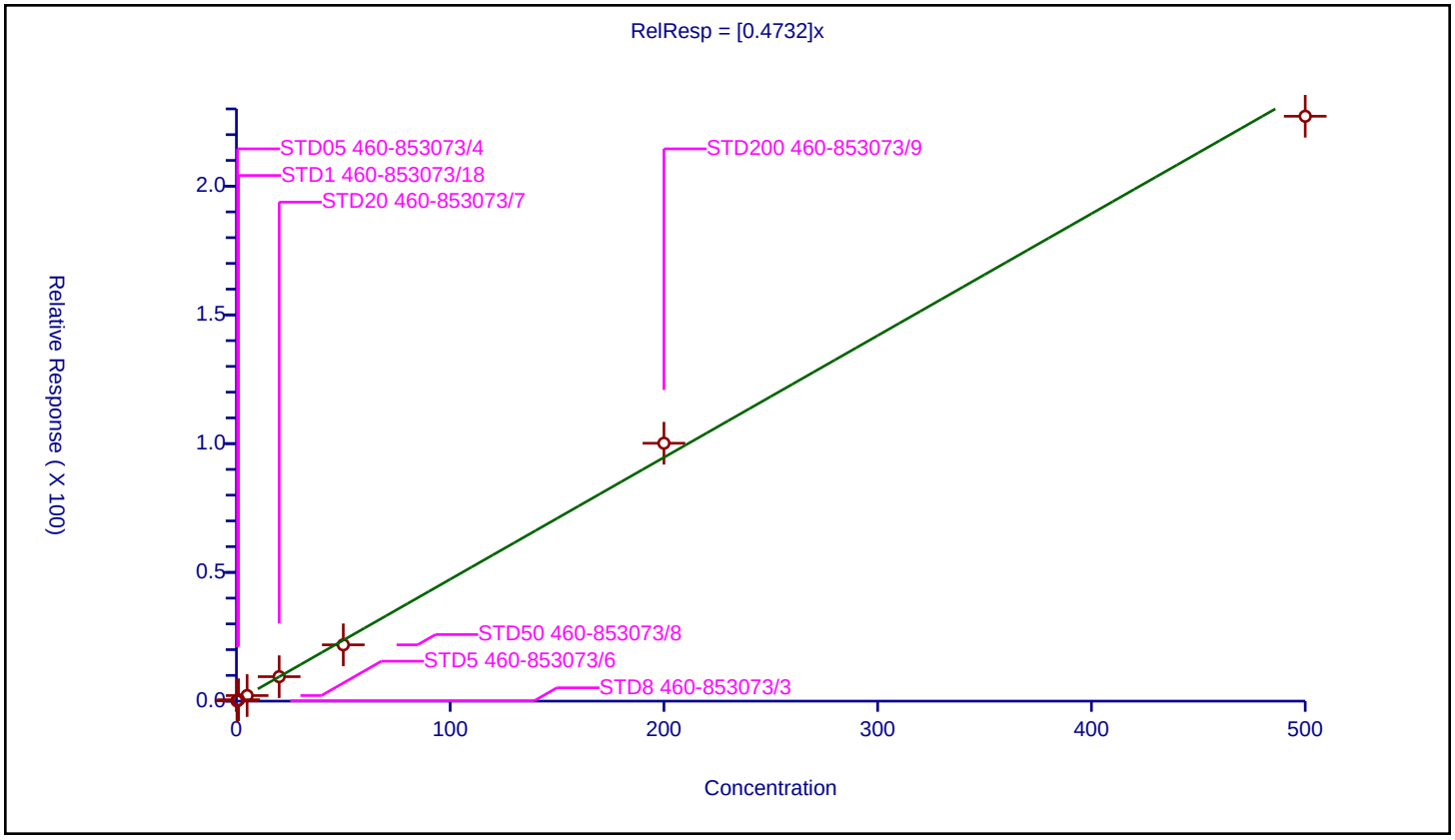
Curve Coefficients

Intercept:	0
Slope:	0.4732

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.112404	50.0	499094.0	0.449615	Y
2	STD05 460-853073/4	0.5	0.244923	50.0	494236.0	0.489847	Y
3	STD1 460-853073/18	1.0	0.545222	50.0	493560.0	0.545222	Y
4	STD5 460-853073/6	5.0	2.168091	50.0	462988.0	0.433618	Y
5	STD20 460-853073/7	20.0	9.50242	50.0	453495.0	0.475121	Y
6	STD50 460-853073/8	50.0	21.867836	50.0	478511.0	0.437357	Y
7	STD200 460-853073/9	200.0	100.16355	50.0	539590.0	0.500818	Y
8	STD500 460-853073/10	500.0	227.143722	50.0	649163.0	0.454287	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

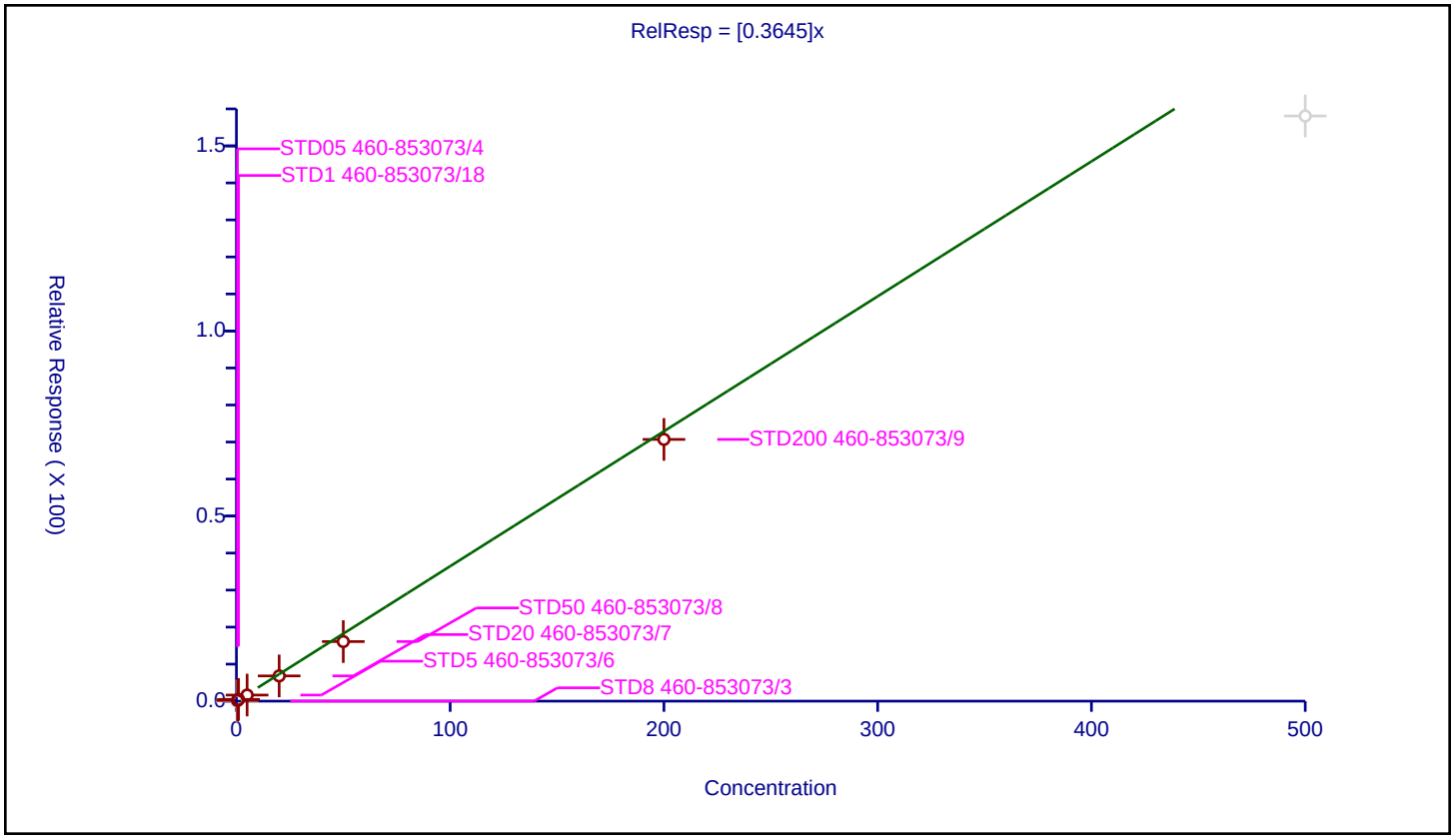
Curve Coefficients

Intercept:	0
Slope:	0.3645

Error Coefficients

Standard Error:	349000
Relative Standard Error:	14.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.187158	50.0	494236.0	0.374315	Y
3	STD1 460-853073/18	1.0	0.467319	50.0	493560.0	0.467319	Y
4	STD5 460-853073/6	5.0	1.646695	50.0	462988.0	0.329339	Y
5	STD20 460-853073/7	20.0	6.816613	50.0	453495.0	0.340831	Y
6	STD50 460-853073/8	50.0	16.091584	50.0	478511.0	0.321832	Y
7	STD200 460-853073/9	200.0	70.707389	50.0	539590.0	0.353537	Y
8	STD500 460-853073/10	500.0	158.084333	50.0	649163.0	0.316169	N



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

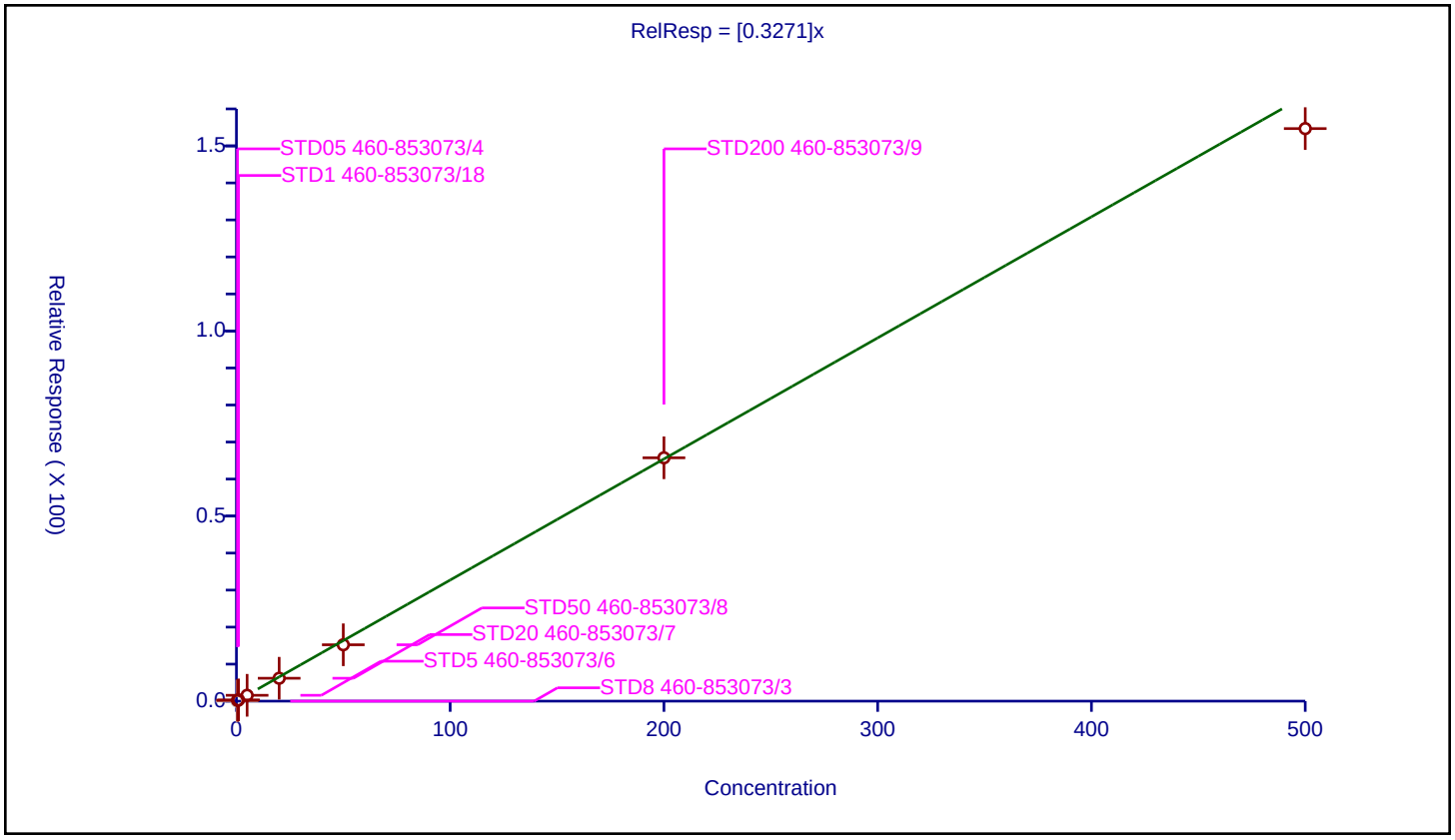
Curve Coefficients

Intercept:	0
Slope:	0.3271

Error Coefficients

Standard Error:	872000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.196971	50.0	494236.0	0.393941	Y
3	STD1 460-853073/18	1.0	0.32843	50.0	493560.0	0.32843	Y
4	STD5 460-853073/6	5.0	1.577687	50.0	462988.0	0.315537	Y
5	STD20 460-853073/7	20.0	6.184412	50.0	453495.0	0.309221	Y
6	STD50 460-853073/8	50.0	15.229535	50.0	478511.0	0.304591	Y
7	STD200 460-853073/9	200.0	65.738616	50.0	539590.0	0.328693	Y
8	STD500 460-853073/10	500.0	154.678024	50.0	649163.0	0.309356	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

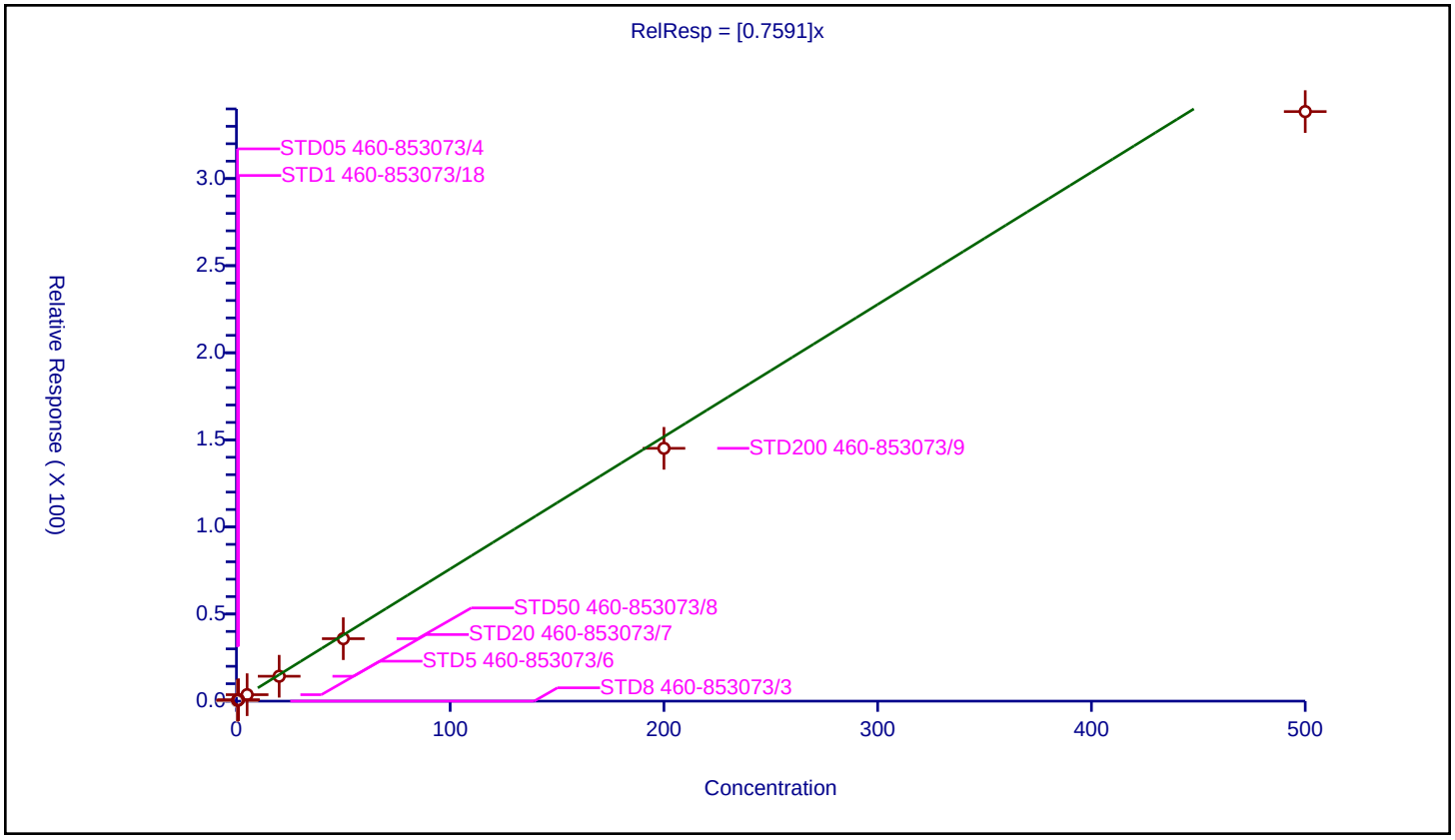
Curve Coefficients

Intercept:	0
Slope:	0.7591

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.470828	50.0	494236.0	0.941655	Y
3	STD1 460-853073/18	1.0	0.795243	50.0	493560.0	0.795243	Y
4	STD5 460-853073/6	5.0	3.712839	50.0	462988.0	0.742568	Y
5	STD20 460-853073/7	20.0	14.294645	50.0	453495.0	0.714732	Y
6	STD50 460-853073/8	50.0	35.848183	50.0	478511.0	0.716964	Y
7	STD200 460-853073/9	200.0	145.141774	50.0	539590.0	0.725709	Y
8	STD500 460-853073/10	500.0	338.452669	50.0	649163.0	0.676905	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

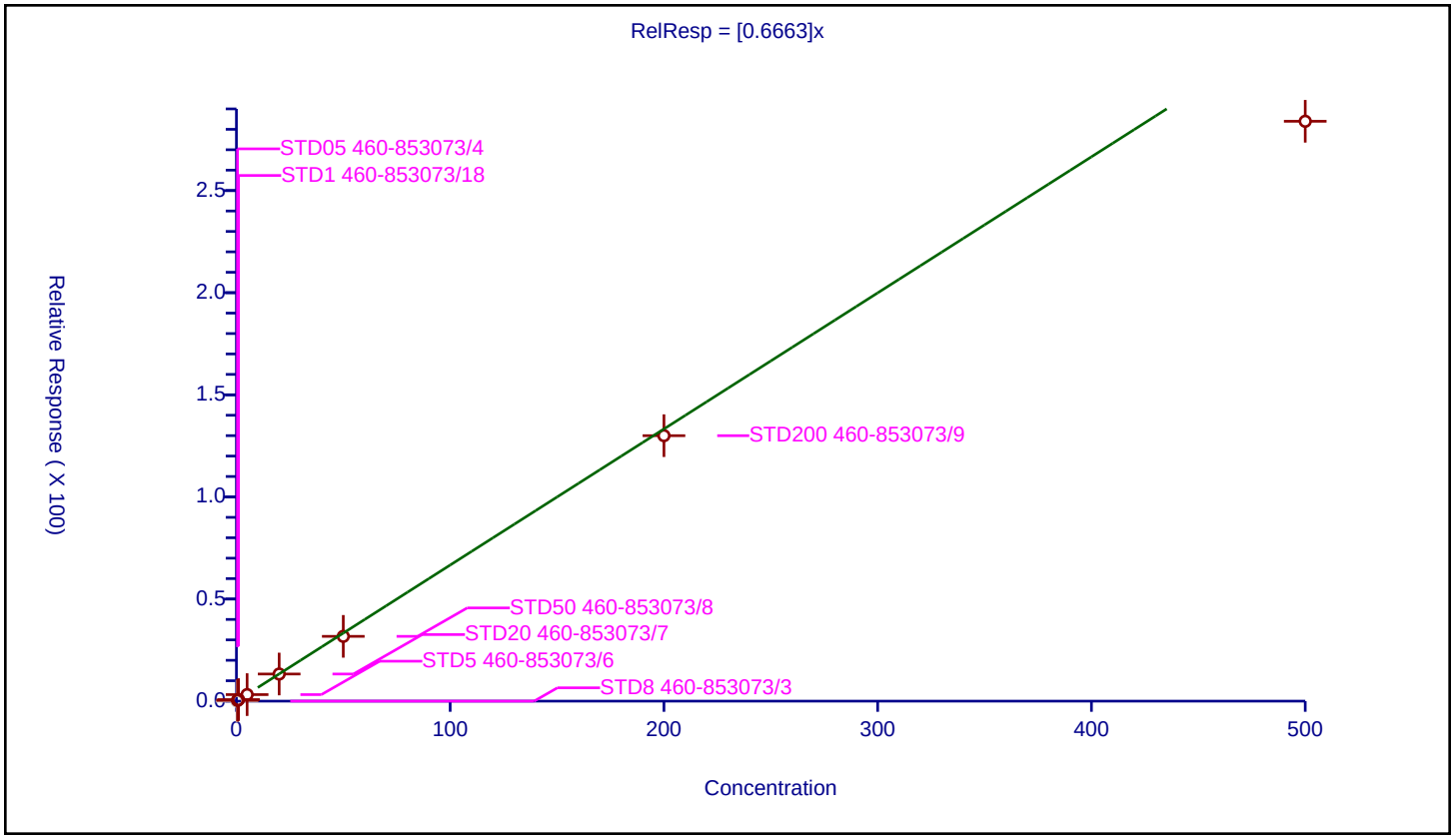
Curve Coefficients

Intercept:	0
Slope:	0.6663

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.25	0.0	50.0	499094.0	0.0	N
2	STD05 460-853073/4	0.5	0.378261	50.0	494236.0	0.756521	Y
3	STD1 460-853073/18	1.0	0.750162	50.0	493560.0	0.750162	Y
4	STD5 460-853073/6	5.0	3.206779	50.0	462988.0	0.641356	Y
5	STD20 460-853073/7	20.0	13.279639	50.0	453495.0	0.663982	Y
6	STD50 460-853073/8	50.0	31.727902	50.0	478511.0	0.634558	Y
7	STD200 460-853073/9	200.0	129.990363	50.0	539590.0	0.649952	Y
8	STD500 460-853073/10	500.0	283.929691	50.0	649163.0	0.567859	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

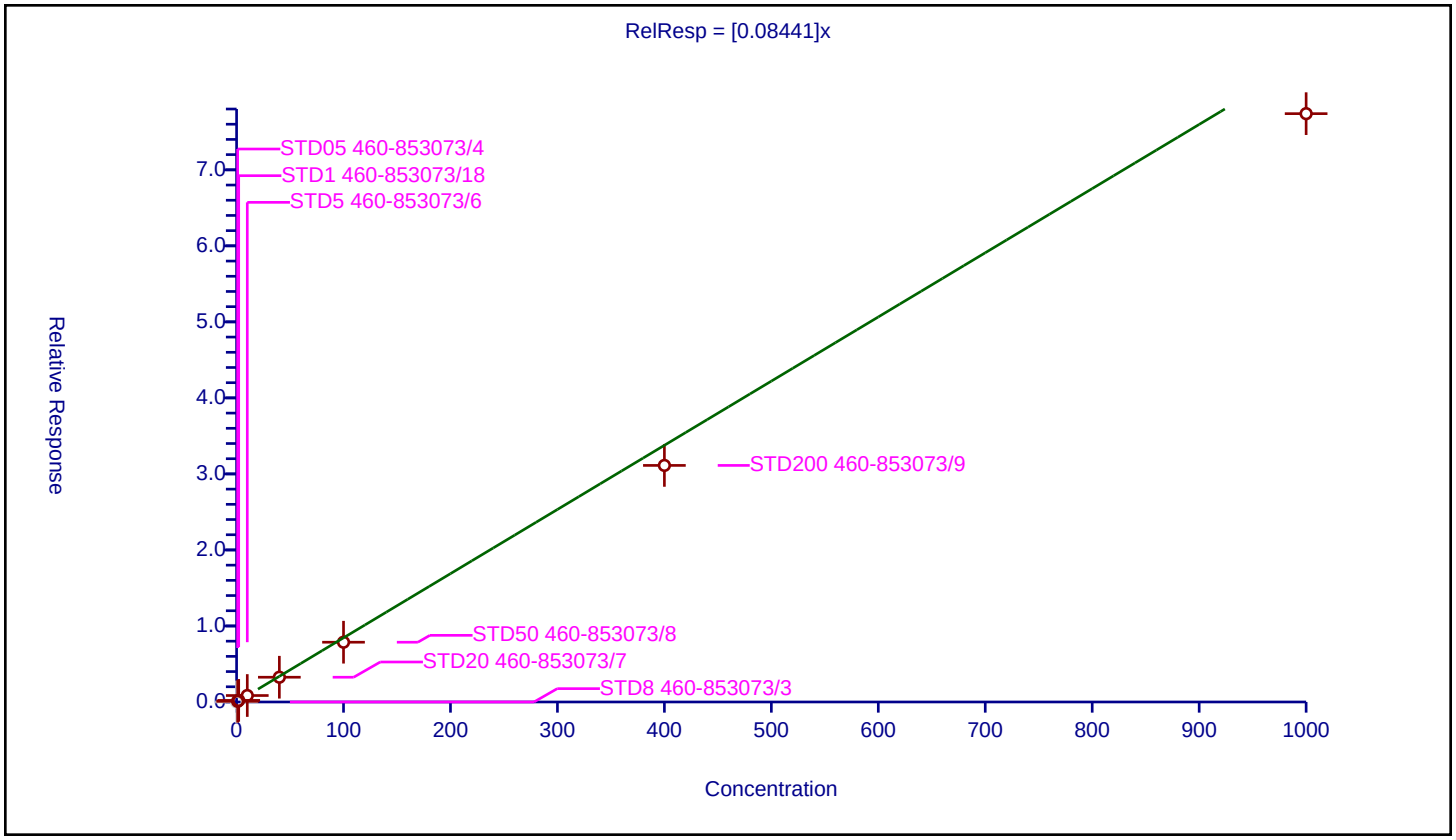
Curve Coefficients

Intercept:	0
Slope:	0.08441

Error Coefficients

Standard Error:	434000
Relative Standard Error:	11.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	1.0	0.086699	50.0	494236.0	0.086699	Y
3	STD1 460-853073/18	2.0	0.207472	50.0	493560.0	0.103736	Y
4	STD5 460-853073/6	10.0	0.852074	50.0	462988.0	0.085207	Y
5	STD20 460-853073/7	40.0	3.257258	50.0	453495.0	0.081431	Y
6	STD50 460-853073/8	100.0	7.863038	50.0	478511.0	0.07863	Y
7	STD200 460-853073/9	400.0	31.1177	50.0	539590.0	0.077794	Y
8	STD500 460-853073/10	1000.0	77.391349	50.0	649163.0	0.077391	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

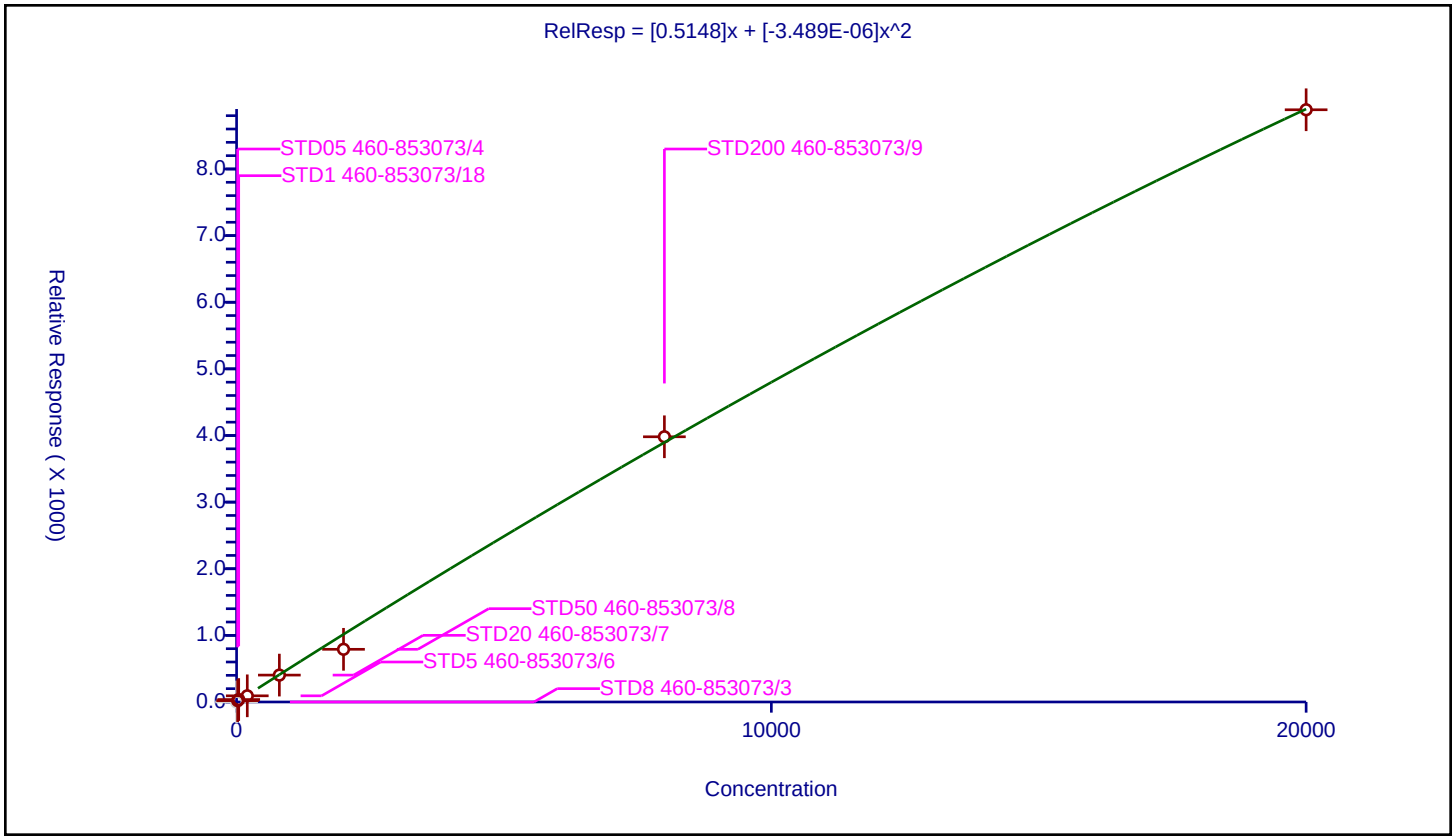
Curve Coefficients

Intercept:	0
Slope:	0.5148
Second Order:	-3.489E-06

Error Coefficients

Standard Error:	196000
Relative Standard Error:	57.3
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	26942.0	NaN	N
2	STD05 460-853073/4	20.0	20.390402	1000.0	32172.0	1.01952	Y
3	STD1 460-853073/18	40.0	36.773868	1000.0	29695.0	0.919347	Y
4	STD5 460-853073/6	200.0	92.765358	1000.0	28405.0	0.463827	Y
5	STD20 460-853073/7	800.0	403.791205	1000.0	28698.0	0.504739	Y
6	STD50 460-853073/8	2000.0	790.778462	1000.0	31665.0	0.395389	Y
7	STD200 460-853073/9	8000.0	3980.45063	1000.0	36216.0	0.497556	Y
8	STD500 460-853073/10	20000.0	8888.692728	1000.0	47580.0	0.444435	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

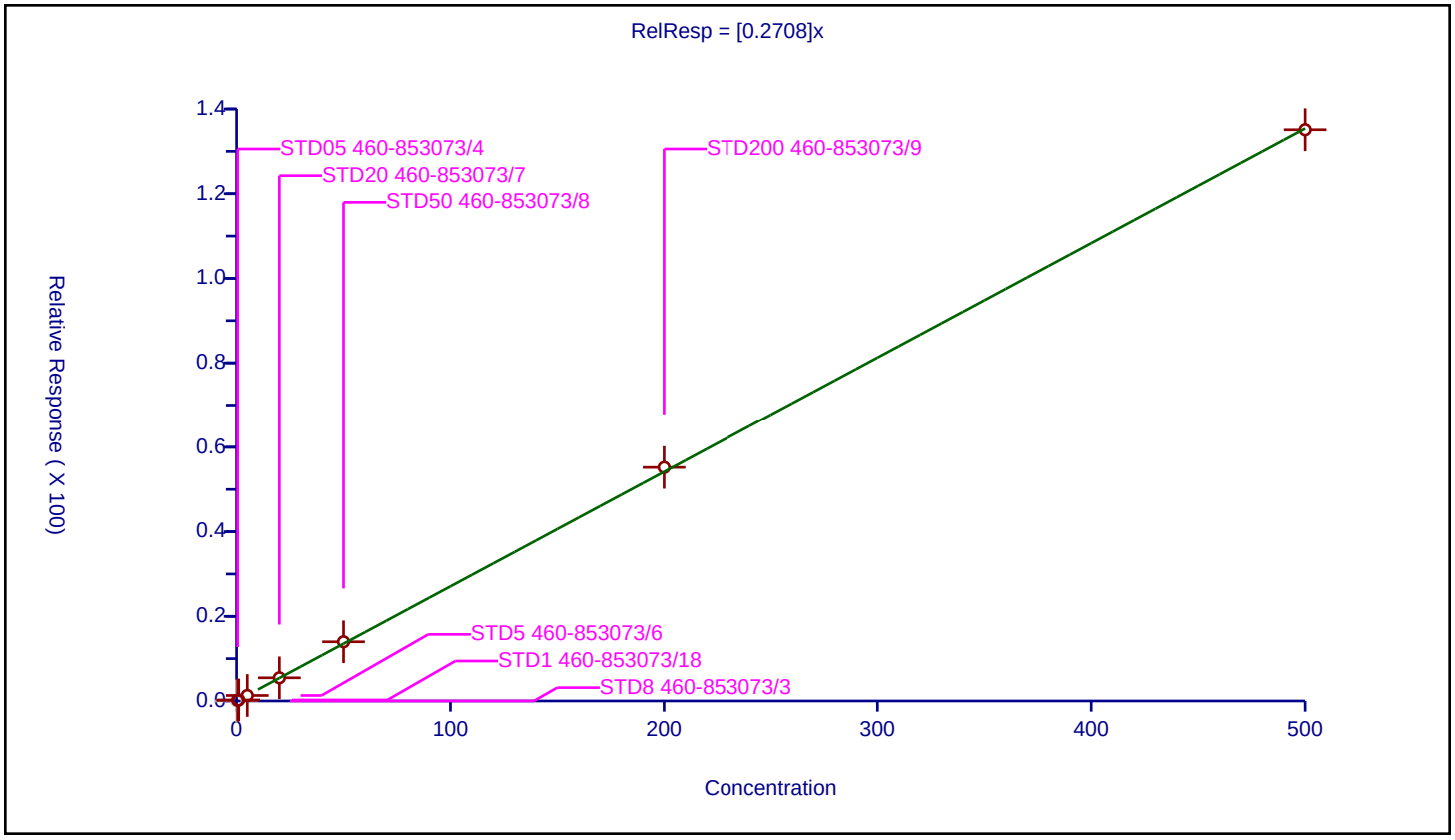
Curve Coefficients

Intercept:	0
Slope:	0.2708

Error Coefficients

Standard Error:	758000
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 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.146893	50.0	494236.0	0.293787	Y
3	STD1 460-853073/18	1.0	0.242625	50.0	493560.0	0.242625	Y
4	STD5 460-853073/6	5.0	1.298198	50.0	462988.0	0.25964	Y
5	STD20 460-853073/7	20.0	5.47393	50.0	453495.0	0.273697	Y
6	STD50 460-853073/8	50.0	13.985049	50.0	478511.0	0.279701	Y
7	STD200 460-853073/9	200.0	55.206731	50.0	539590.0	0.276034	Y
8	STD500 460-853073/10	500.0	135.104357	50.0	649163.0	0.270209	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

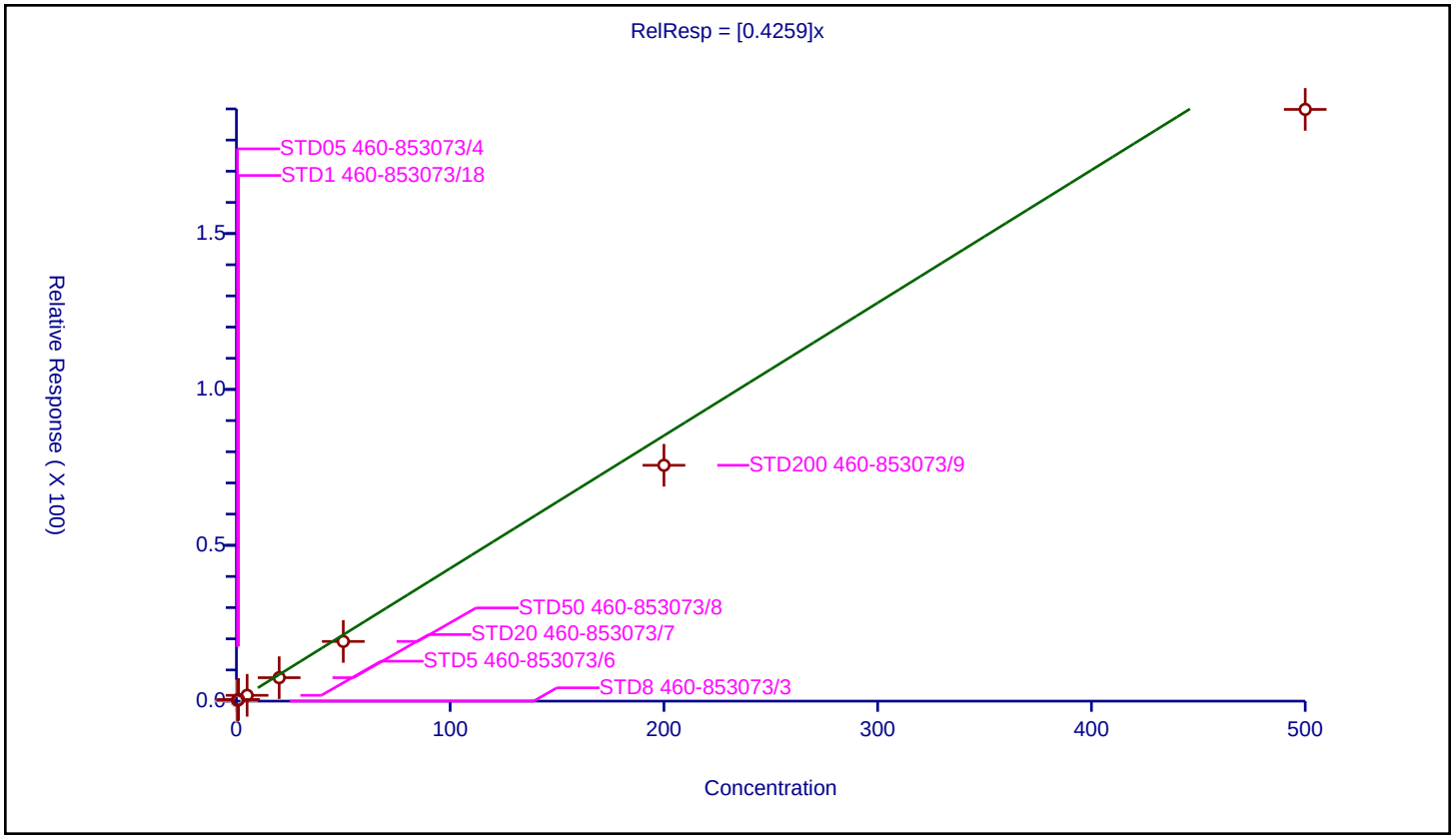
Curve Coefficients

Intercept:	0
Slope:	0.4259

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	19.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.275779	50.0	494236.0	0.551558	Y
3	STD1 460-853073/18	1.0	0.539245	50.0	493560.0	0.539245	Y
4	STD5 460-853073/6	5.0	1.867003	50.0	462988.0	0.373401	Y
5	STD20 460-853073/7	20.0	7.521803	50.0	453495.0	0.37609	Y
6	STD50 460-853073/8	50.0	19.15515	50.0	478511.0	0.383103	Y
7	STD200 460-853073/9	200.0	75.667359	50.0	539590.0	0.378337	Y
8	STD500 460-853073/10	500.0	189.840302	50.0	649163.0	0.379681	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

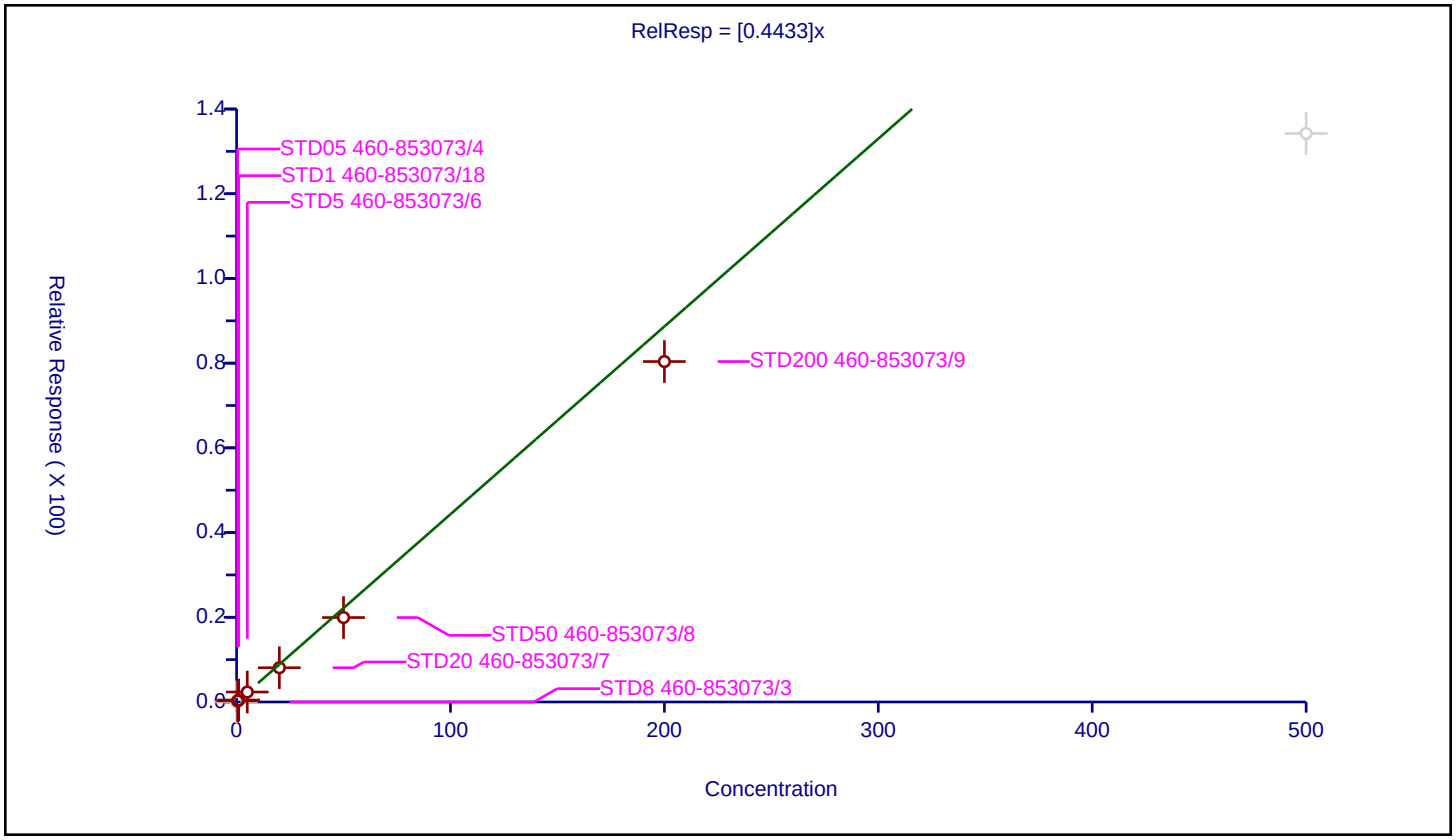
Curve Coefficients

Intercept:	0
Slope:	0.4433

Error Coefficients

Standard Error:	399000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.259896	50.0	494236.0	0.519792	Y
3	STD1 460-853073/18	1.0	0.465293	50.0	493560.0	0.465293	Y
4	STD5 460-853073/6	5.0	2.348441	50.0	462988.0	0.469688	Y
5	STD20 460-853073/7	20.0	8.086528	50.0	453495.0	0.404326	Y
6	STD50 460-853073/8	50.0	19.935592	50.0	478511.0	0.398712	Y
7	STD200 460-853073/9	200.0	80.379733	50.0	539590.0	0.401899	Y
8	STD500 460-853073/10	500.0	134.228614	50.0	649163.0	0.268457	N



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

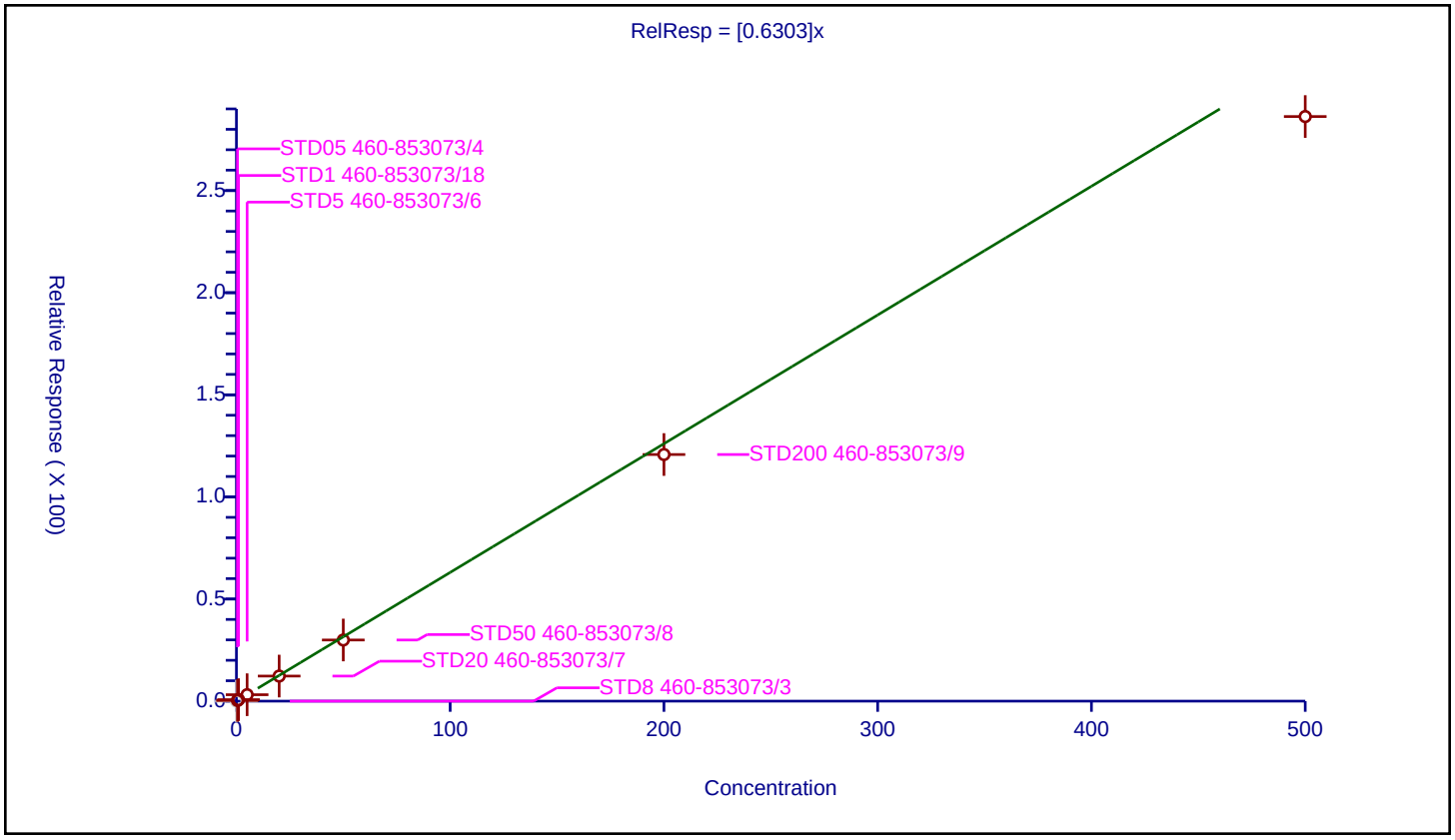
Curve Coefficients

Intercept:	0
Slope:	0.6303

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.33658	50.0	494236.0	0.67316	Y
3	STD1 460-853073/18	1.0	0.718656	50.0	493560.0	0.718656	Y
4	STD5 460-853073/6	5.0	3.155157	50.0	462988.0	0.631031	Y
5	STD20 460-853073/7	20.0	12.283267	50.0	453495.0	0.614163	Y
6	STD50 460-853073/8	50.0	29.937452	50.0	478511.0	0.598749	Y
7	STD200 460-853073/9	200.0	120.760855	50.0	539590.0	0.603804	Y
8	STD500 460-853073/10	500.0	286.250757	50.0	649163.0	0.572502	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

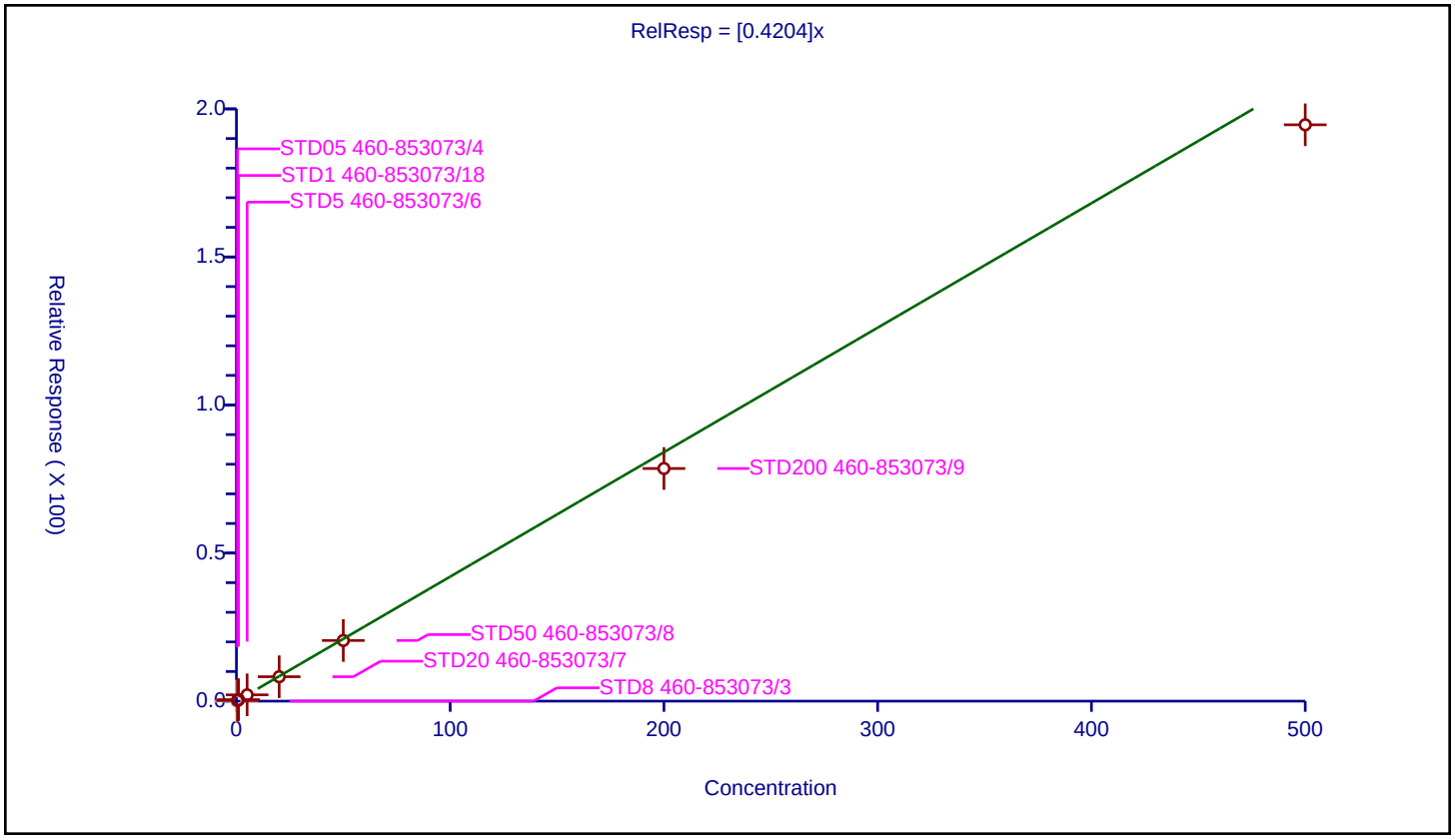
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	7.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.213865	50.0	494236.0	0.427731	Y
3	STD1 460-853073/18	1.0	0.486466	50.0	493560.0	0.486466	Y
4	STD5 460-853073/6	5.0	2.123273	50.0	462988.0	0.424655	Y
5	STD20 460-853073/7	20.0	8.242539	50.0	453495.0	0.412127	Y
6	STD50 460-853073/8	50.0	20.482706	50.0	478511.0	0.409654	Y
7	STD200 460-853073/9	200.0	78.558257	50.0	539590.0	0.392791	Y
8	STD500 460-853073/10	500.0	194.626157	50.0	649163.0	0.389252	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

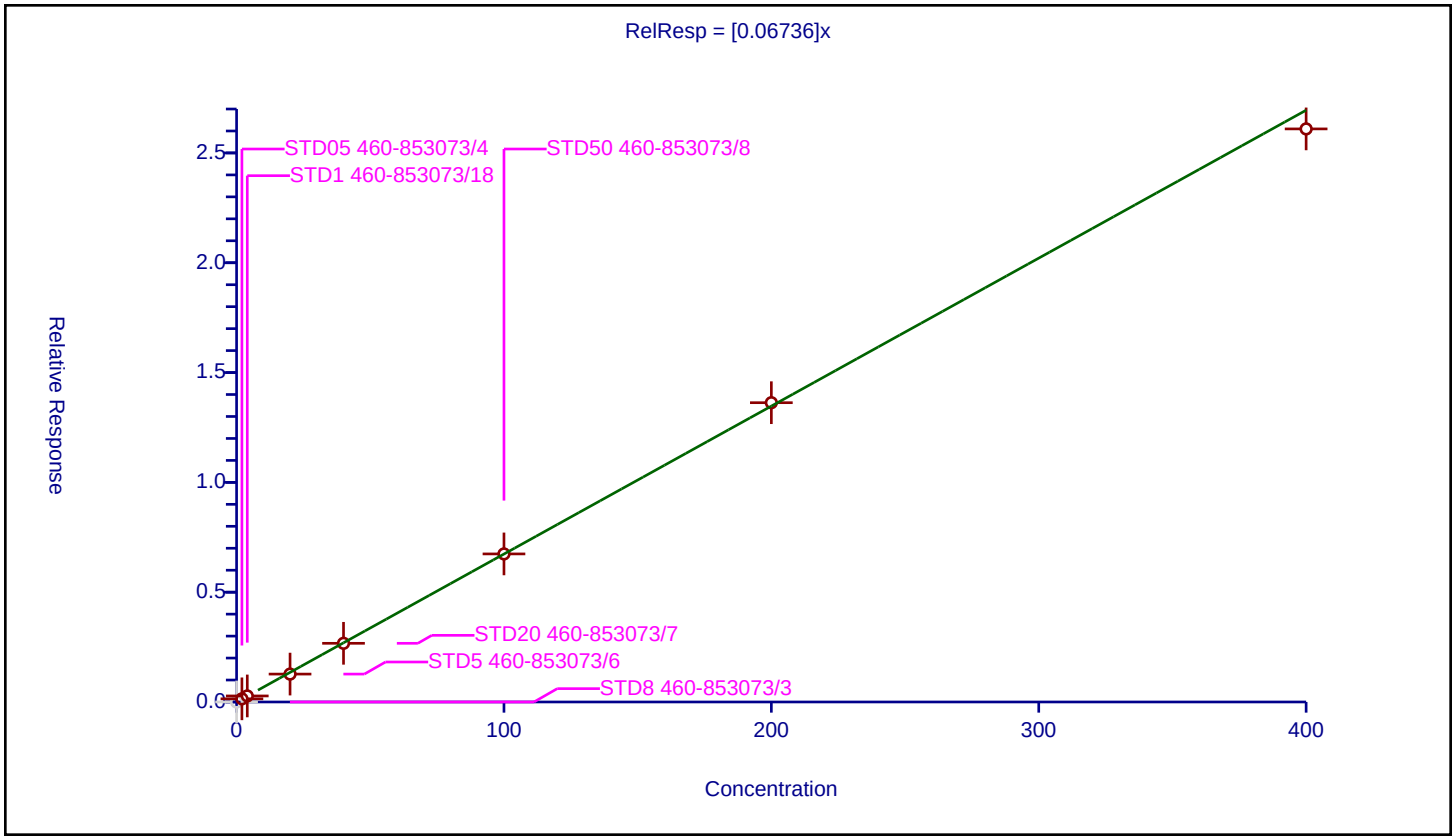
Curve Coefficients

Intercept:	0
Slope:	0.06736

Error Coefficients

Standard Error:	153000
Relative Standard Error:	3.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	2.0	0.143353	50.0	494236.0	0.071676	Y
3	STD1 460-853073/18	4.0	0.275043	50.0	493560.0	0.068761	Y
4	STD5 460-853073/6	20.0	1.270551	50.0	462988.0	0.063528	Y
5	STD20 460-853073/7	40.0	2.671805	50.0	453495.0	0.066795	Y
6	STD50 460-853073/8	100.0	6.741956	50.0	478511.0	0.06742	Y
7	STD200 460-853073/9	200.0	13.628032	50.0	539590.0	0.06814	Y
8	STD500 460-853073/10	400.0	26.093601	50.0	649163.0	0.065234	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

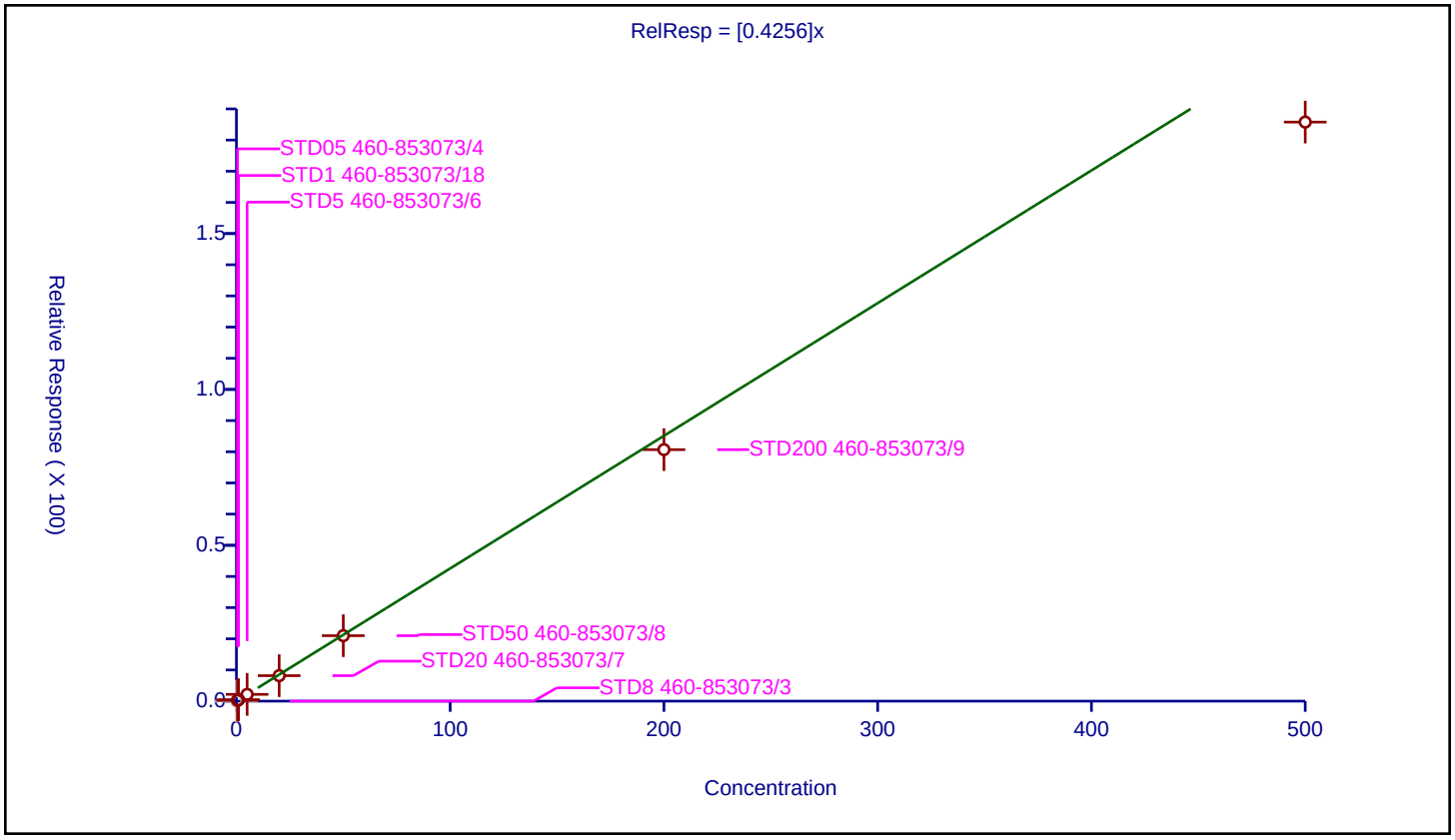
Curve Coefficients

Intercept:	0
Slope:	0.4256

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.240877	50.0	494236.0	0.481754	Y
3	STD1 460-853073/18	1.0	0.459823	50.0	493560.0	0.459823	Y
4	STD5 460-853073/6	5.0	2.172087	50.0	462988.0	0.434417	Y
5	STD20 460-853073/7	20.0	8.170652	50.0	453495.0	0.408533	Y
6	STD50 460-853073/8	50.0	20.996905	50.0	478511.0	0.419938	Y
7	STD200 460-853073/9	200.0	80.681629	50.0	539590.0	0.403408	Y
8	STD500 460-853073/10	500.0	185.768905	50.0	649163.0	0.371538	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

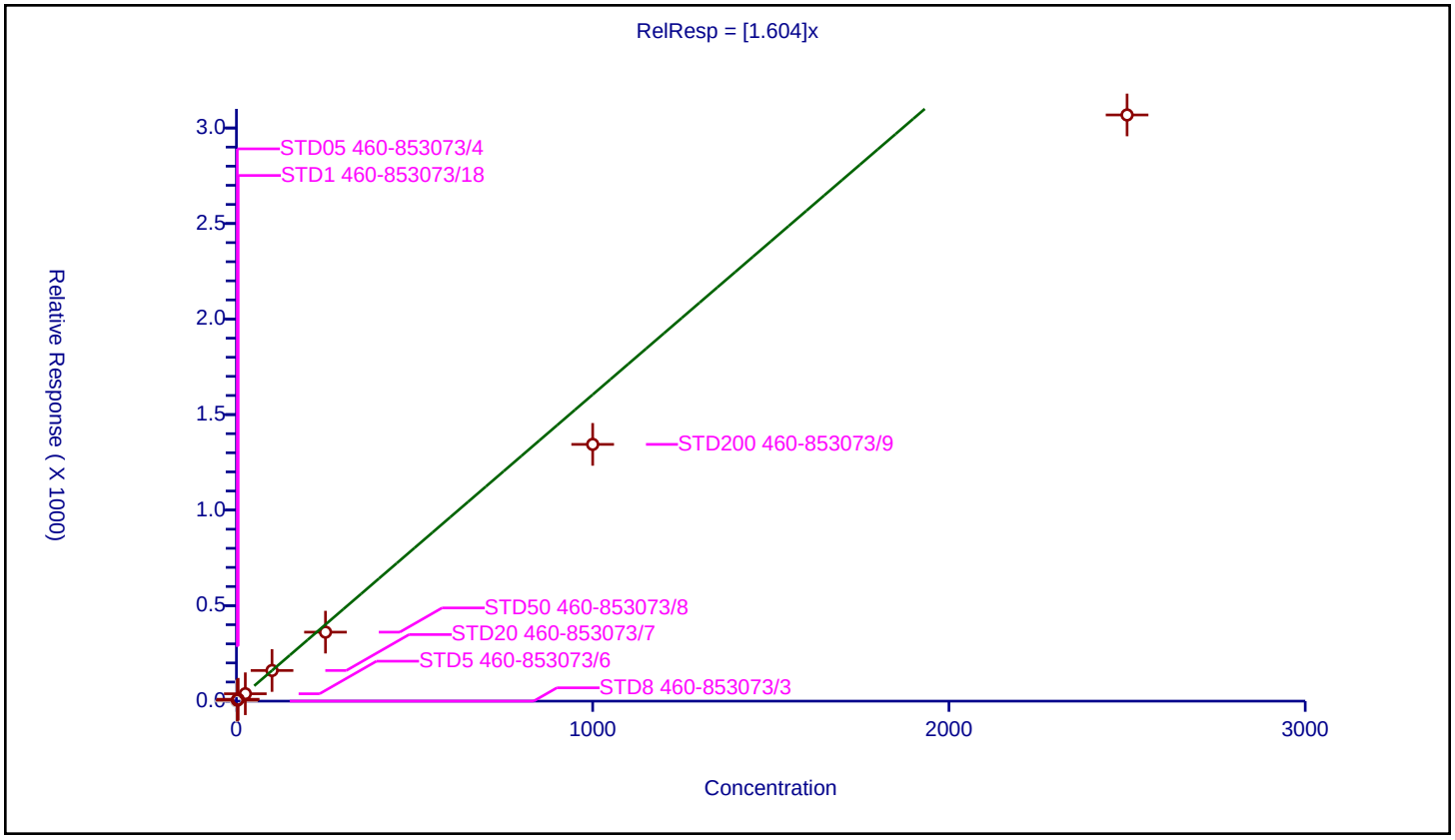
Curve Coefficients

Intercept:	0
Slope:	1.604

Error Coefficients

Standard Error:	1730000
Relative Standard Error:	20.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.938

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	2.5	5.273111	250.0	214437.0	2.109244	Y
3	STD1 460-853073/18	5.0	9.774501	250.0	213438.0	1.9549	Y
4	STD5 460-853073/6	25.0	38.671306	250.0	183353.0	1.546852	Y
5	STD20 460-853073/7	100.0	160.391667	250.0	186255.0	1.603917	Y
6	STD50 460-853073/8	250.0	361.166421	250.0	210430.0	1.444666	Y
7	STD200 460-853073/9	1000.0	1343.935758	250.0	246288.0	1.343936	Y
8	STD500 460-853073/10	2500.0	3068.322601	250.0	326583.0	1.227329	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

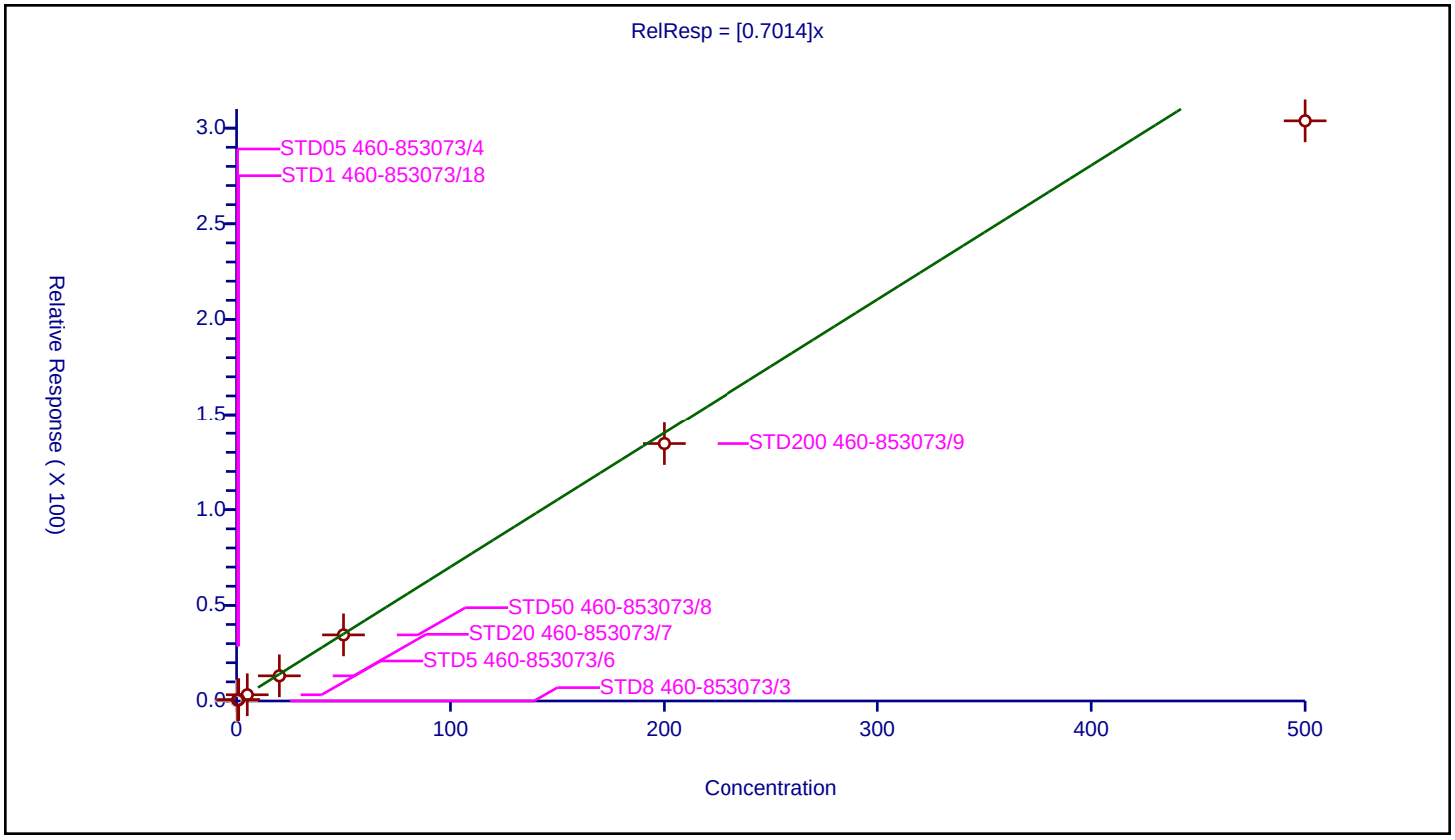
Curve Coefficients

Intercept:	0
Slope:	0.7014

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.452213	50.0	494236.0	0.904426	Y
3	STD1 460-853073/18	1.0	0.726254	50.0	493560.0	0.726254	Y
4	STD5 460-853073/6	5.0	3.248464	50.0	462988.0	0.649693	Y
5	STD20 460-853073/7	20.0	13.151964	50.0	453495.0	0.657598	Y
6	STD50 460-853073/8	50.0	34.551243	50.0	478511.0	0.691025	Y
7	STD200 460-853073/9	200.0	134.588391	50.0	539590.0	0.672942	Y
8	STD500 460-853073/10	500.0	303.825464	50.0	649163.0	0.607651	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

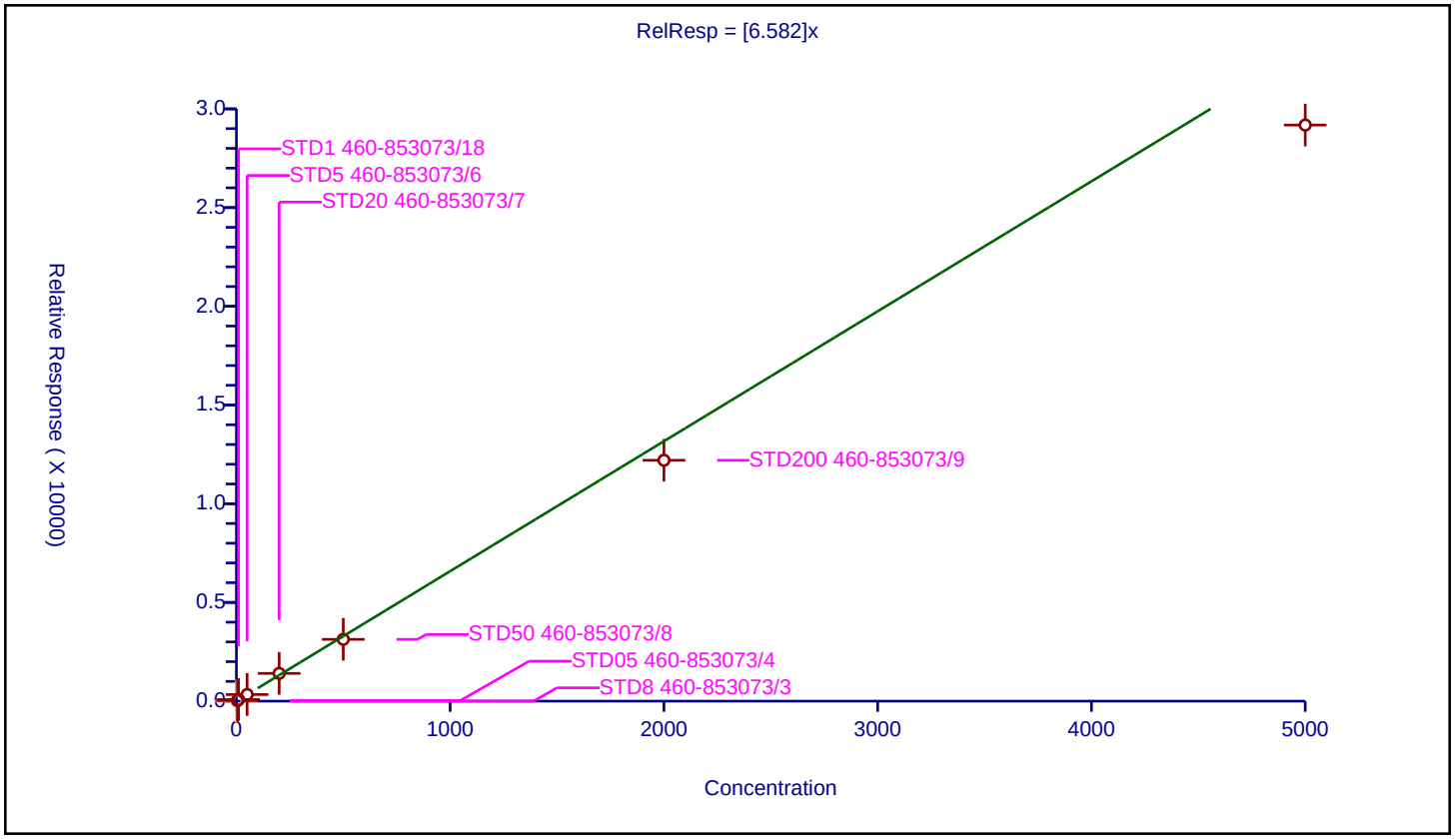
Curve Coefficients

Intercept:	0
Slope:	6.582

Error Coefficients

Standard Error:	582000
Relative Standard Error:	11.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	26942.0	NaN	N
2	STD05 460-853073/4	5.0	30.585602	1000.0	32172.0	6.11712	Y
3	STD1 460-853073/18	10.0	80.451254	1000.0	29695.0	8.045125	Y
4	STD5 460-853073/6	50.0	334.729801	1000.0	28405.0	6.694596	Y
5	STD20 460-853073/7	200.0	1405.010802	1000.0	28698.0	7.025054	Y
6	STD50 460-853073/8	500.0	3129.448918	1000.0	31665.0	6.258898	Y
7	STD200 460-853073/9	2000.0	12200.657168	1000.0	36216.0	6.100329	Y
8	STD500 460-853073/10	5000.0	29180.517024	1000.0	47580.0	5.836103	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

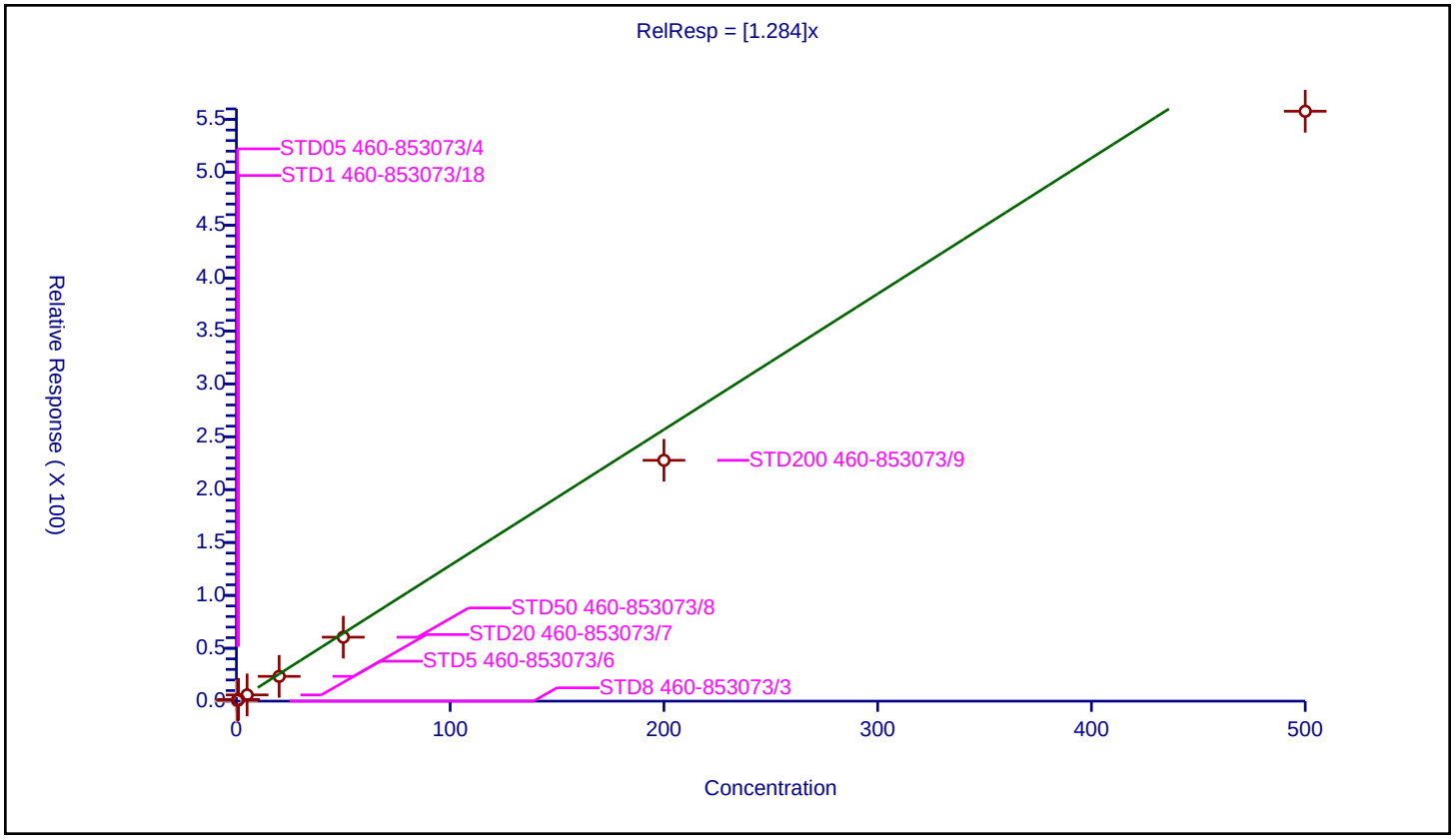
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	3130000
Relative Standard Error:	16.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.774832	50.0	494236.0	1.549665	Y
3	STD1 460-853073/18	1.0	1.620472	50.0	493560.0	1.620472	Y
4	STD5 460-853073/6	5.0	5.903285	50.0	462988.0	1.180657	Y
5	STD20 460-853073/7	20.0	23.433665	50.0	453495.0	1.171683	Y
6	STD50 460-853073/8	50.0	60.48095	50.0	478511.0	1.209619	Y
7	STD200 460-853073/9	200.0	227.727905	50.0	539590.0	1.13864	Y
8	STD500 460-853073/10	500.0	557.74713	50.0	649163.0	1.115494	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

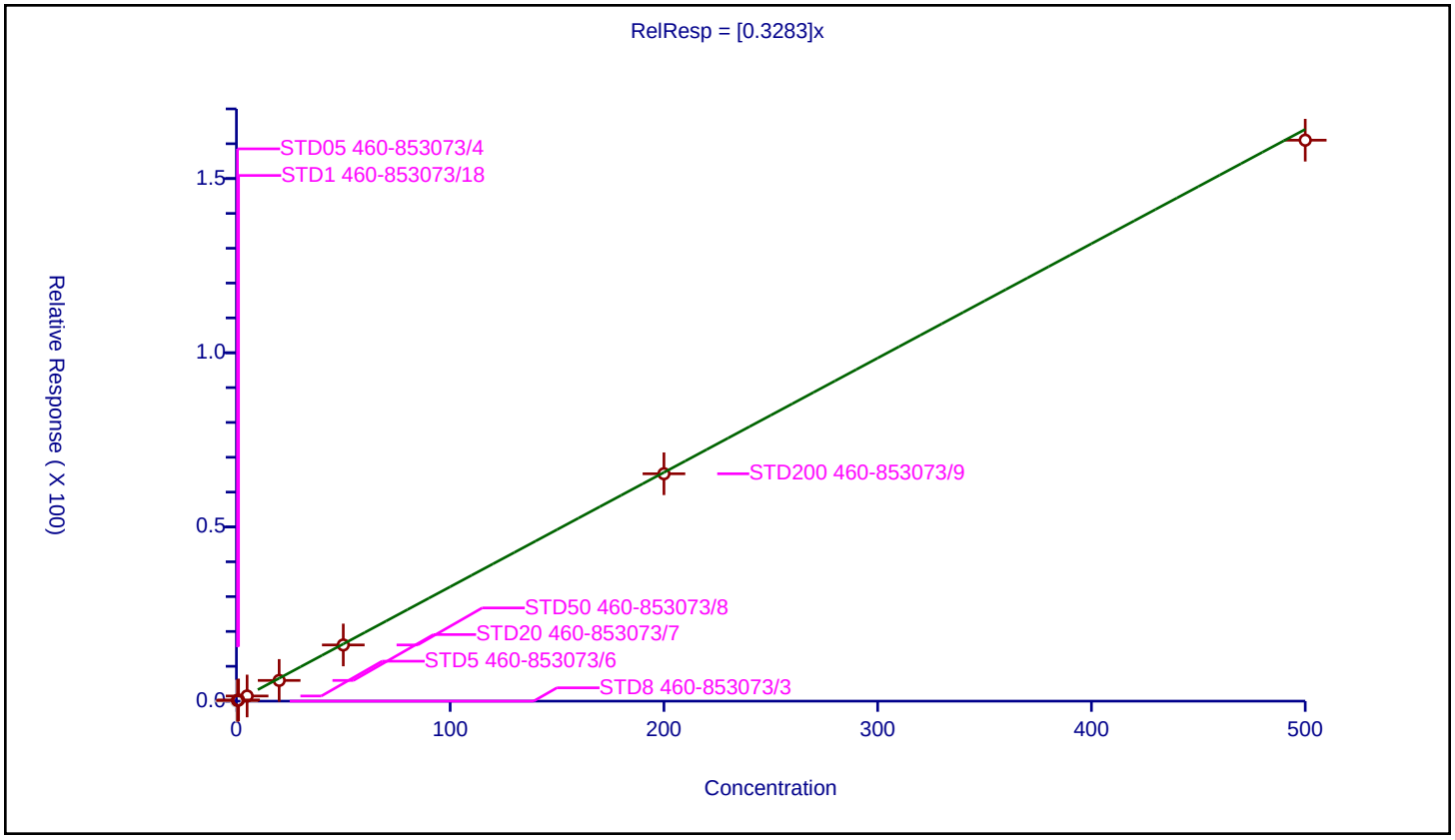
Curve Coefficients

Intercept:	0
Slope:	0.3283

Error Coefficients

Standard Error:	903000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.200714	50.0	494236.0	0.401428	Y
3	STD1 460-853073/18	1.0	0.331672	50.0	493560.0	0.331672	Y
4	STD5 460-853073/6	5.0	1.482976	50.0	462988.0	0.296595	Y
5	STD20 460-853073/7	20.0	5.943064	50.0	453495.0	0.297153	Y
6	STD50 460-853073/8	50.0	16.130559	50.0	478511.0	0.322611	Y
7	STD200 460-853073/9	200.0	65.268352	50.0	539590.0	0.326342	Y
8	STD500 460-853073/10	500.0	161.016571	50.0	649163.0	0.322033	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

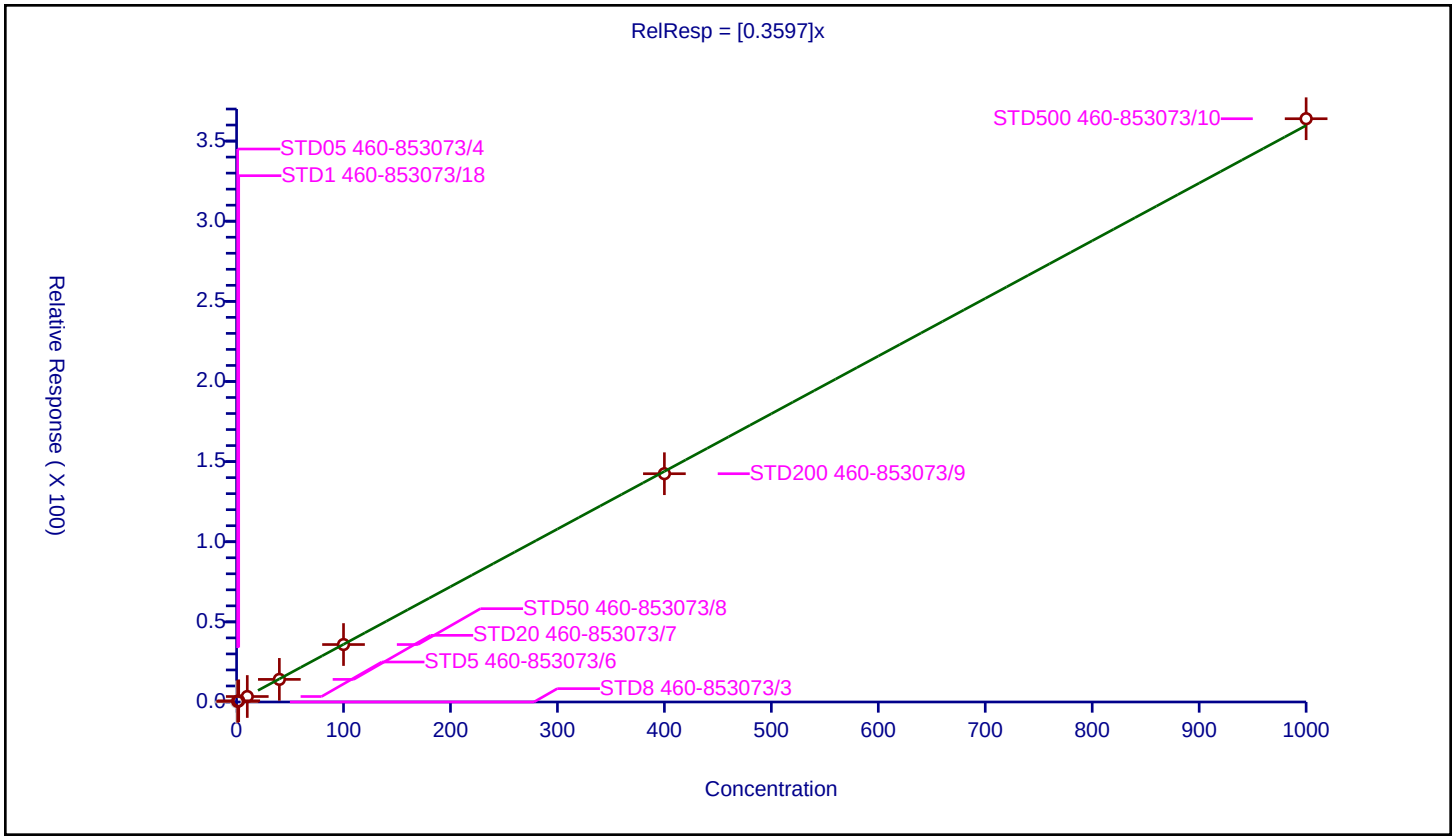
Curve Coefficients

Intercept:	0
Slope:	0.3597

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	3.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	1.0	0.374517	50.0	494236.0	0.374517	Y
3	STD1 460-853073/18	2.0	0.740639	50.0	493560.0	0.37032	Y
4	STD5 460-853073/6	10.0	3.421687	50.0	462988.0	0.342169	Y
5	STD20 460-853073/7	40.0	14.100817	50.0	453495.0	0.35252	Y
6	STD50 460-853073/8	100.0	35.854035	50.0	478511.0	0.35854	Y
7	STD200 460-853073/9	400.0	142.440742	50.0	539590.0	0.356102	Y
8	STD500 460-853073/10	1000.0	363.945573	50.0	649163.0	0.363946	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

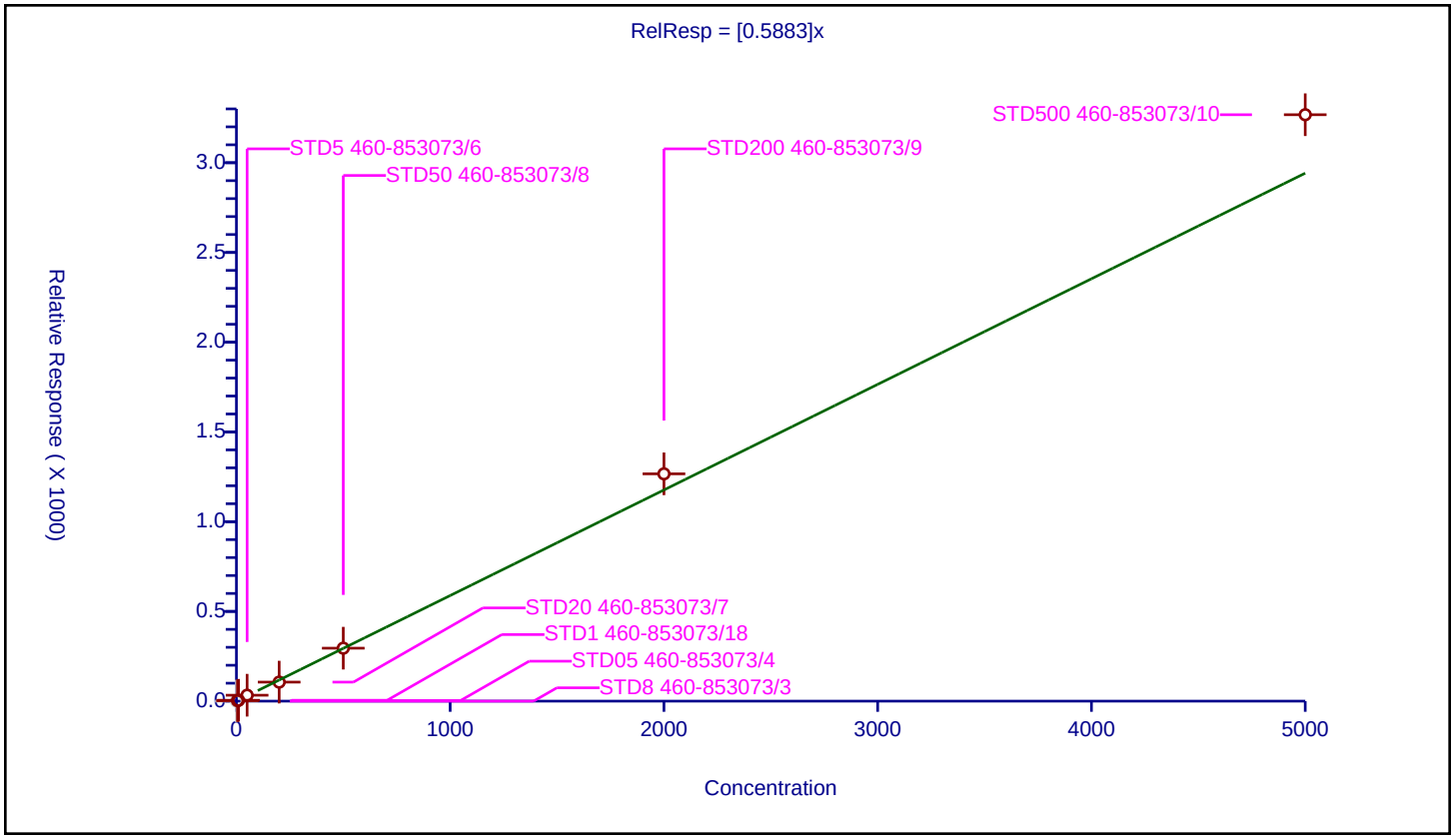
Curve Coefficients

Intercept:	0
Slope:	0.5883

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	11.6
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	5.0	2.865644	250.0	214437.0	0.573129	Y
3	STD1 460-853073/18	10.0	4.766021	250.0	213438.0	0.476602	Y
4	STD5 460-853073/6	50.0	33.087814	250.0	183353.0	0.661756	Y
5	STD20 460-853073/7	200.0	105.967625	250.0	186255.0	0.529838	Y
6	STD50 460-853073/8	500.0	295.159911	250.0	210430.0	0.59032	Y
7	STD200 460-853073/9	2000.0	1266.54161	250.0	246288.0	0.633271	Y
8	STD500 460-853073/10	5000.0	3267.551434	250.0	326583.0	0.65351	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

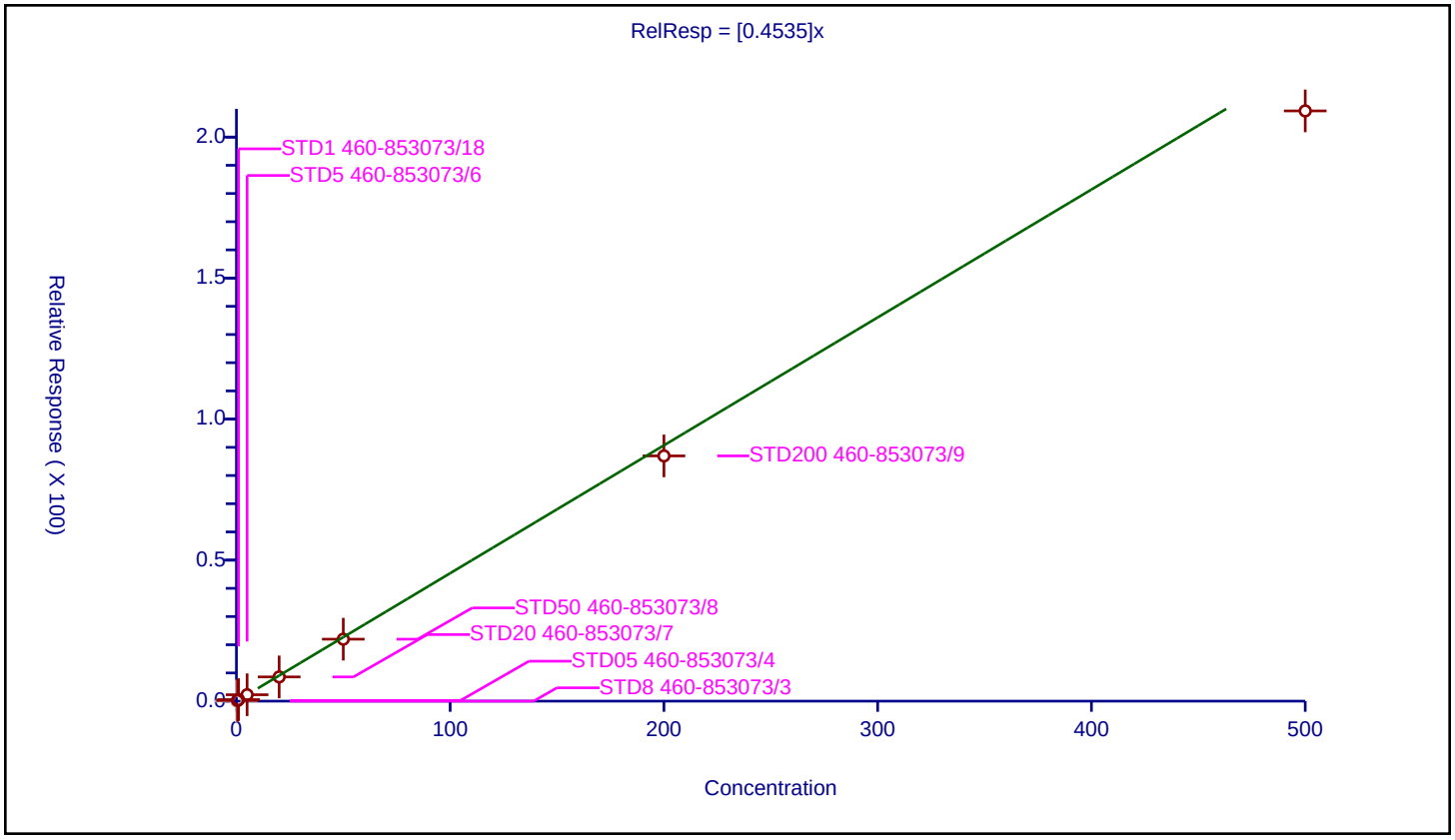
Curve Coefficients

Intercept:	0
Slope:	0.4535

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.22641	50.0	494236.0	0.45282	Y
3	STD1 460-853073/18	1.0	0.544919	50.0	493560.0	0.544919	Y
4	STD5 460-853073/6	5.0	2.273601	50.0	462988.0	0.45472	Y
5	STD20 460-853073/7	20.0	8.589951	50.0	453495.0	0.429498	Y
6	STD50 460-853073/8	50.0	21.967625	50.0	478511.0	0.439352	Y
7	STD200 460-853073/9	200.0	86.952964	50.0	539590.0	0.434765	Y
8	STD500 460-853073/10	500.0	209.283339	50.0	649163.0	0.418567	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

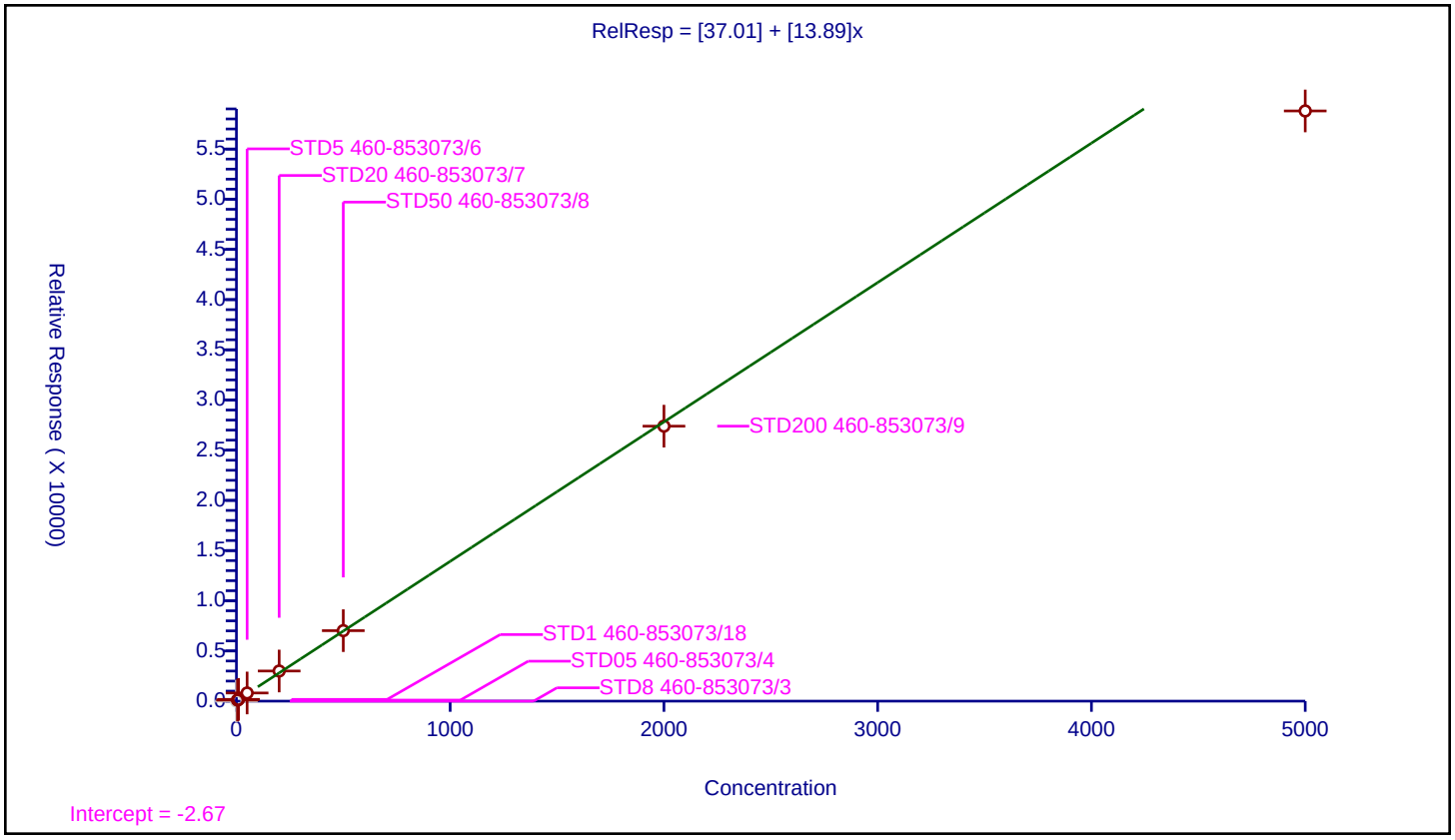
Curve Coefficients

Intercept:	37.01
Slope:	13.89

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	26942.0	NaN	N
2	STD05 460-853073/4	5.0	106.086038	1000.0	32172.0	21.217208	Y
3	STD1 460-853073/18	10.0	173.699276	1000.0	29695.0	17.369928	Y
4	STD5 460-853073/6	50.0	812.42739	1000.0	28405.0	16.248548	Y
5	STD20 460-853073/7	200.0	3002.613423	1000.0	28698.0	15.013067	Y
6	STD50 460-853073/8	500.0	7021.25375	1000.0	31665.0	14.042508	Y
7	STD200 460-853073/9	2000.0	27393.334438	1000.0	36216.0	13.696667	Y
8	STD500 460-853073/10	5000.0	58796.595208	1000.0	47580.0	11.759319	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

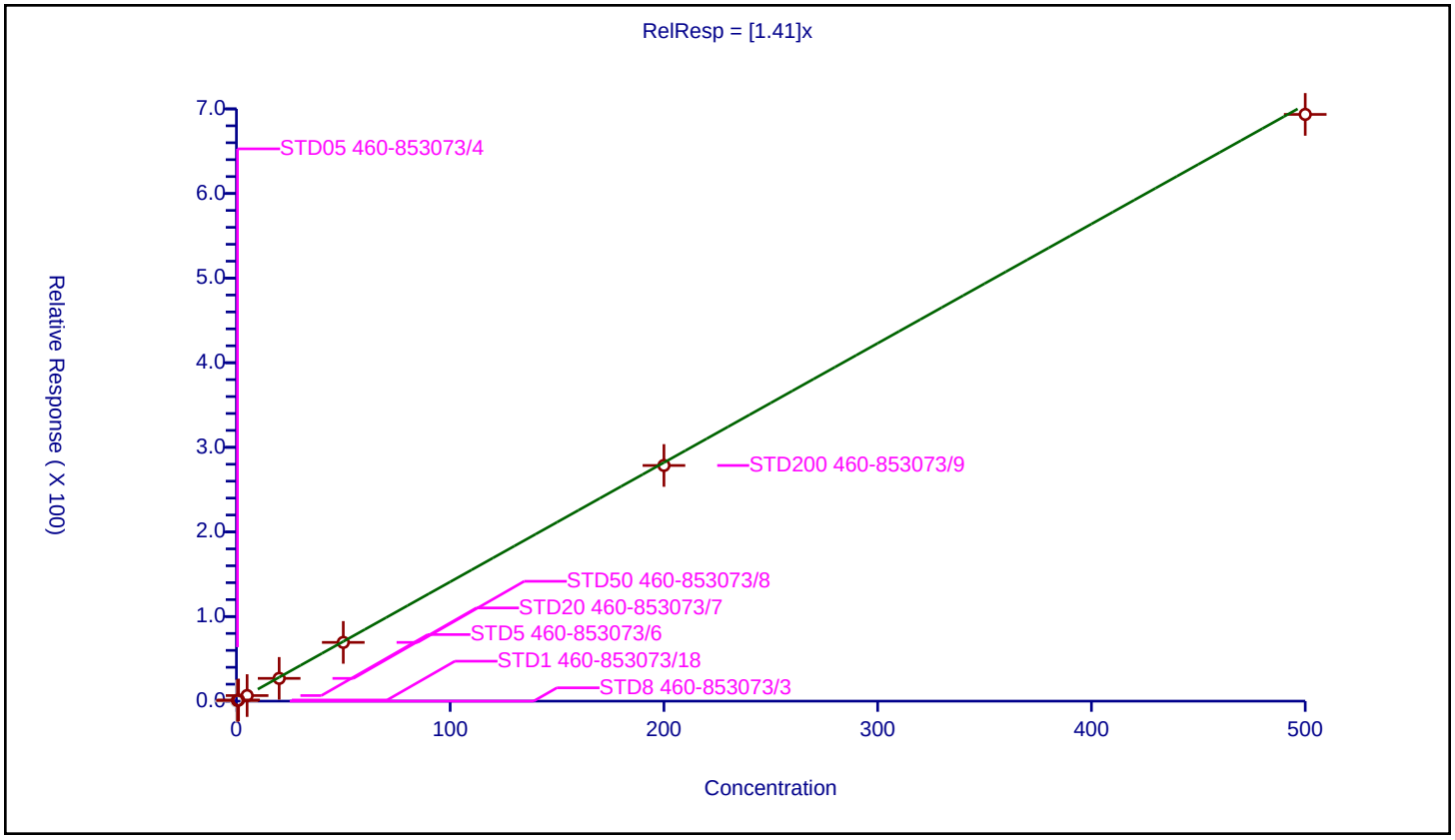
Curve Coefficients

Intercept:	0
Slope:	1.41

Error Coefficients

Standard Error:	3890000
Relative Standard Error:	9.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.846256	50.0	494236.0	1.692511	Y
3	STD1 460-853073/18	1.0	1.34553	50.0	493560.0	1.34553	Y
4	STD5 460-853073/6	5.0	6.590776	50.0	462988.0	1.318155	Y
5	STD20 460-853073/7	20.0	26.907794	50.0	453495.0	1.34539	Y
6	STD50 460-853073/8	50.0	69.418467	50.0	478511.0	1.388369	Y
7	STD200 460-853073/9	200.0	278.547138	50.0	539590.0	1.392736	Y
8	STD500 460-853073/10	500.0	693.480528	50.0	649163.0	1.386961	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

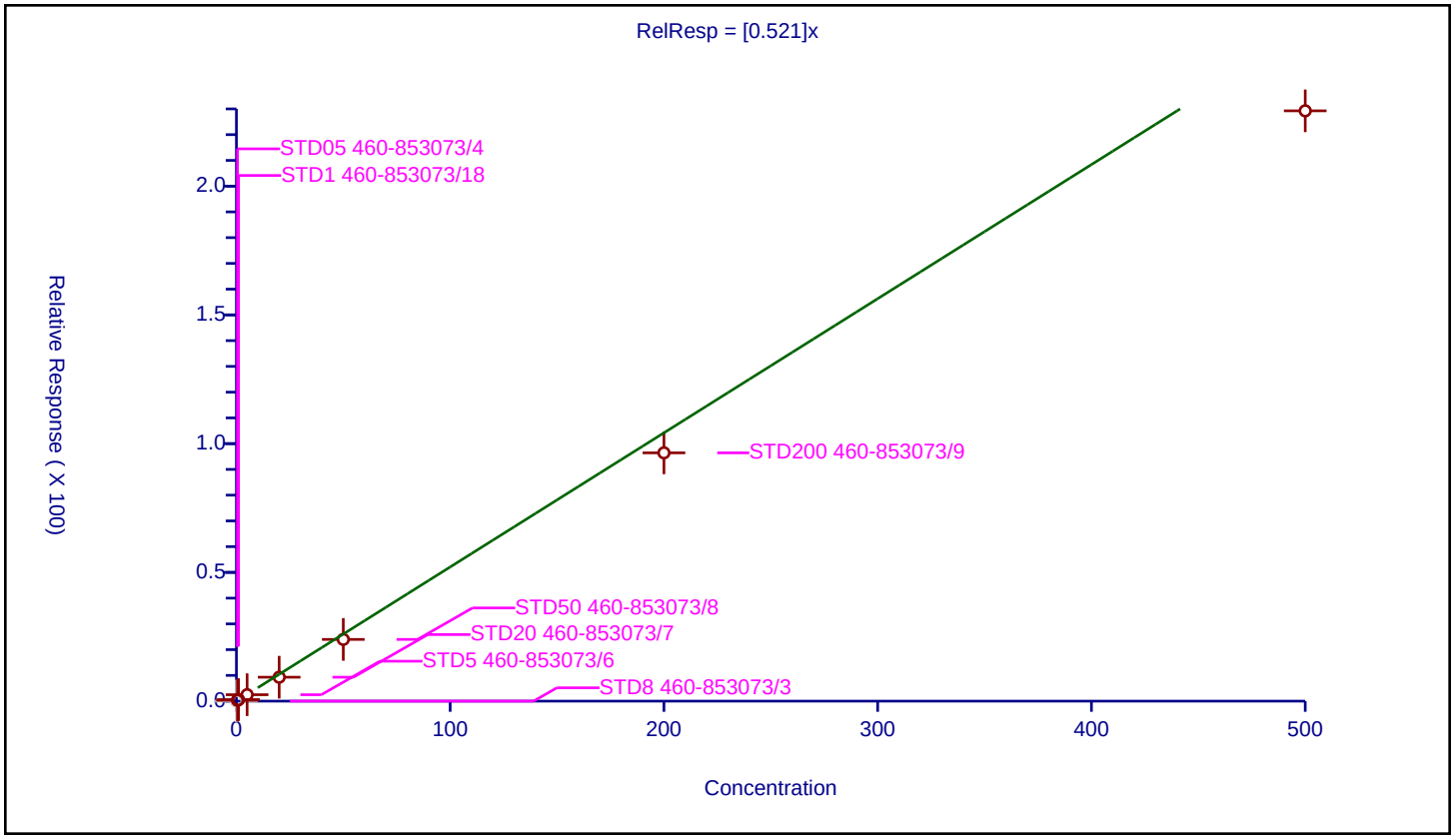
Curve Coefficients

Intercept:	0
Slope:	0.521

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	15.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.334658	50.0	494236.0	0.669316	Y
3	STD1 460-853073/18	1.0	0.592937	50.0	493560.0	0.592937	Y
4	STD5 460-853073/6	5.0	2.498661	50.0	462988.0	0.499732	Y
5	STD20 460-853073/7	20.0	9.29459	50.0	453495.0	0.464729	Y
6	STD50 460-853073/8	50.0	23.97249	50.0	478511.0	0.47945	Y
7	STD200 460-853073/9	200.0	96.42145	50.0	539590.0	0.482107	Y
8	STD500 460-853073/10	500.0	229.248047	50.0	649163.0	0.458496	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

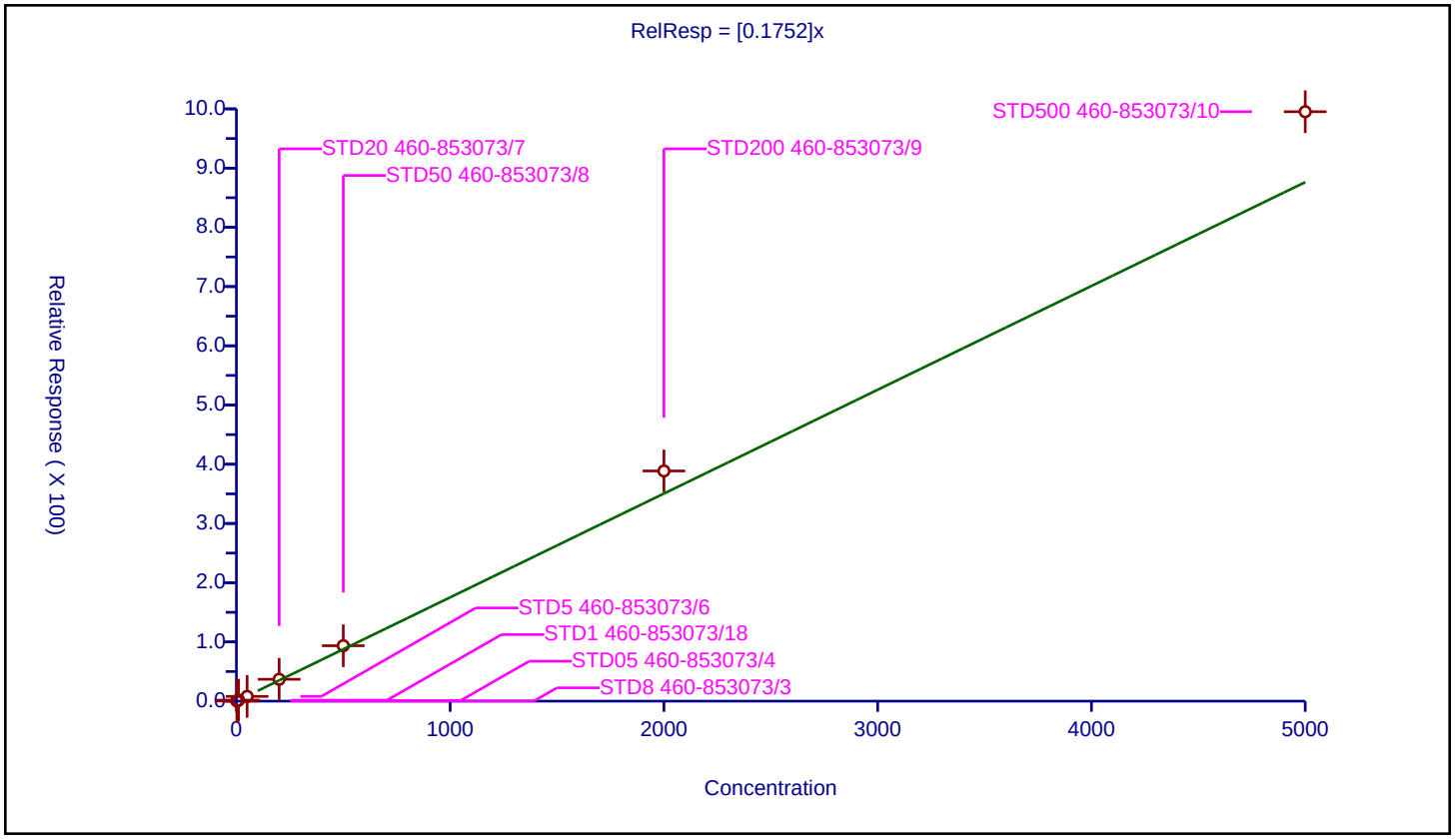
Curve Coefficients

Intercept:	0
Slope:	0.1752

Error Coefficients

Standard Error:	5150000
Relative Standard Error:	10.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	2.0	0.290226	50.0	499094.0	0.145113	Y
2	STD05 460-853073/4	5.0	0.825618	50.0	494236.0	0.165124	Y
3	STD1 460-853073/18	10.0	1.664944	50.0	493560.0	0.166494	Y
4	STD5 460-853073/6	50.0	8.010035	50.0	462988.0	0.160201	Y
5	STD20 460-853073/7	200.0	36.907132	50.0	453495.0	0.184536	Y
6	STD50 460-853073/8	500.0	93.569113	50.0	478511.0	0.187138	Y
7	STD200 460-853073/9	2000.0	388.671862	50.0	539590.0	0.194336	Y
8	STD500 460-853073/10	5000.0	995.222155	50.0	649163.0	0.199044	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

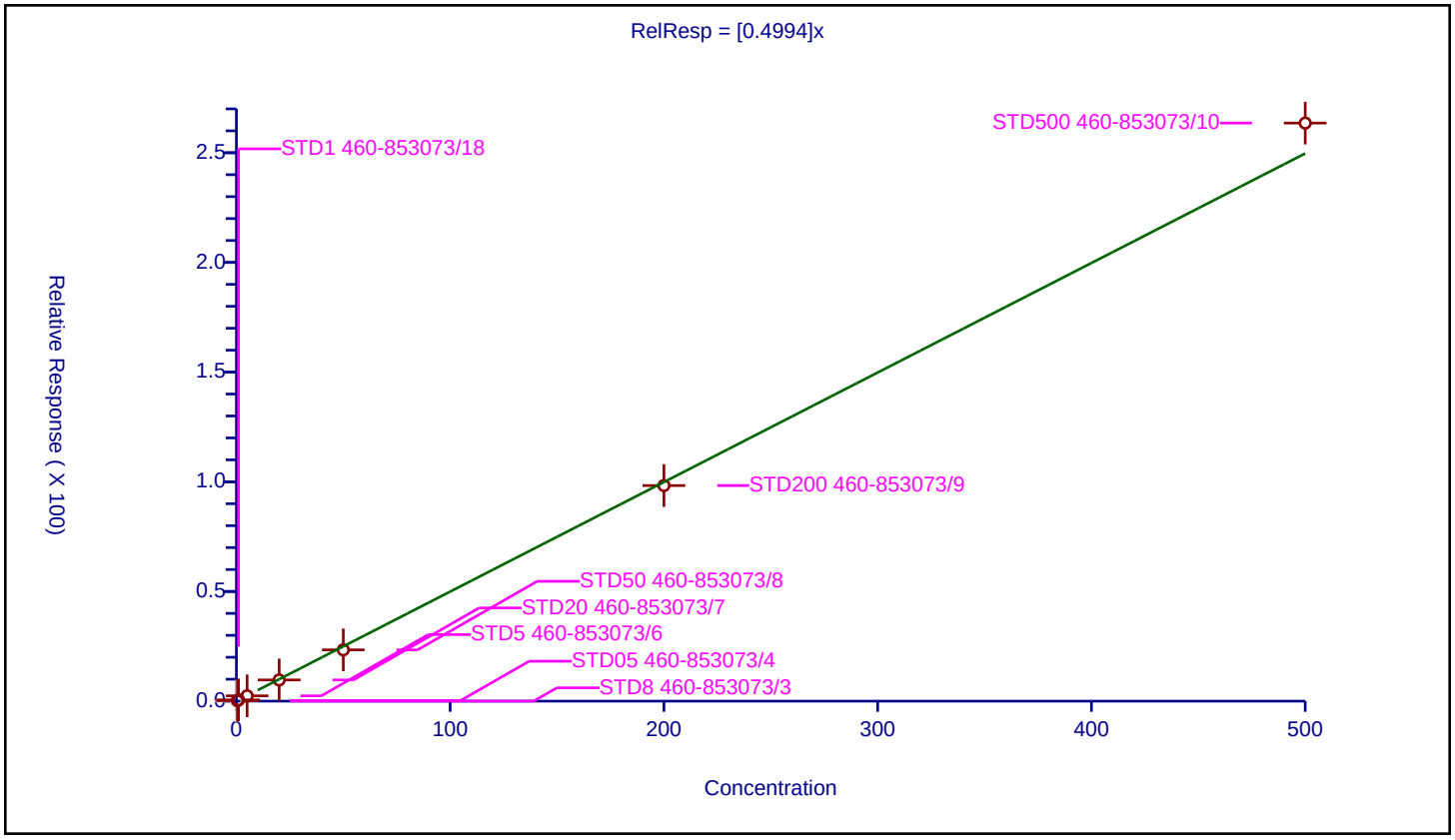
Curve Coefficients

Intercept:	0
Slope:	0.4994

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	8.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.231974	50.0	494236.0	0.463948	Y
3	STD1 460-853073/18	1.0	0.57916	50.0	493560.0	0.57916	Y
4	STD5 460-853073/6	5.0	2.416369	50.0	462988.0	0.483274	Y
5	STD20 460-853073/7	20.0	9.6624	50.0	453495.0	0.48312	Y
6	STD50 460-853073/8	50.0	23.375847	50.0	478511.0	0.467517	Y
7	STD200 460-853073/9	200.0	98.28833	50.0	539590.0	0.491442	Y
8	STD500 460-853073/10	500.0	263.528652	50.0	649163.0	0.527057	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

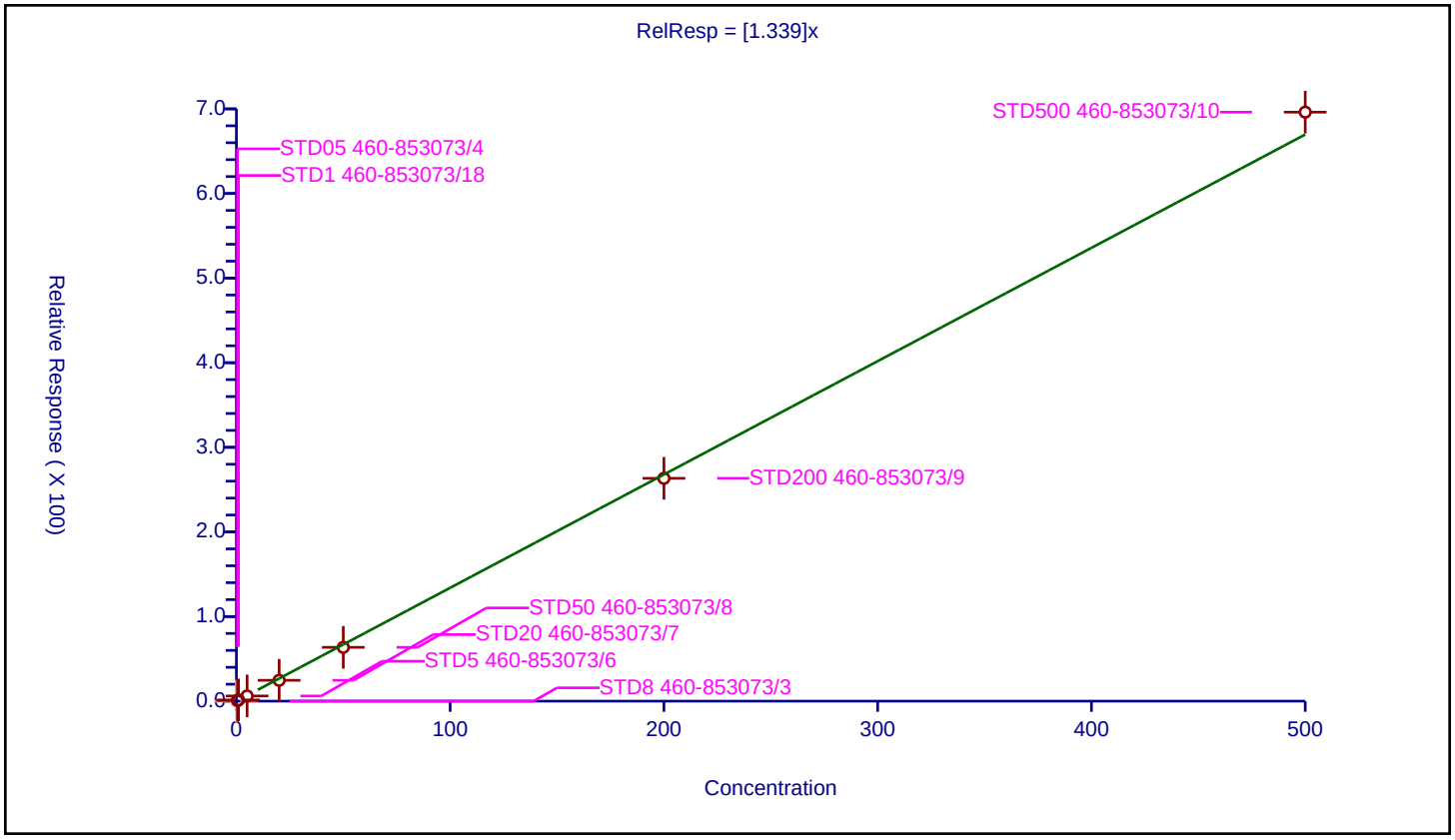
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Standard Error:	3880000
Relative Standard Error:	9.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.787175	50.0	494236.0	1.574349	Y
3	STD1 460-853073/18	1.0	1.366399	50.0	493560.0	1.366399	Y
4	STD5 460-853073/6	5.0	6.113225	50.0	462988.0	1.222645	Y
5	STD20 460-853073/7	20.0	24.641617	50.0	453495.0	1.232081	Y
6	STD50 460-853073/8	50.0	63.574296	50.0	478511.0	1.271486	Y
7	STD200 460-853073/9	200.0	263.340221	50.0	539590.0	1.316701	Y
8	STD500 460-853073/10	500.0	696.141108	50.0	649163.0	1.392282	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

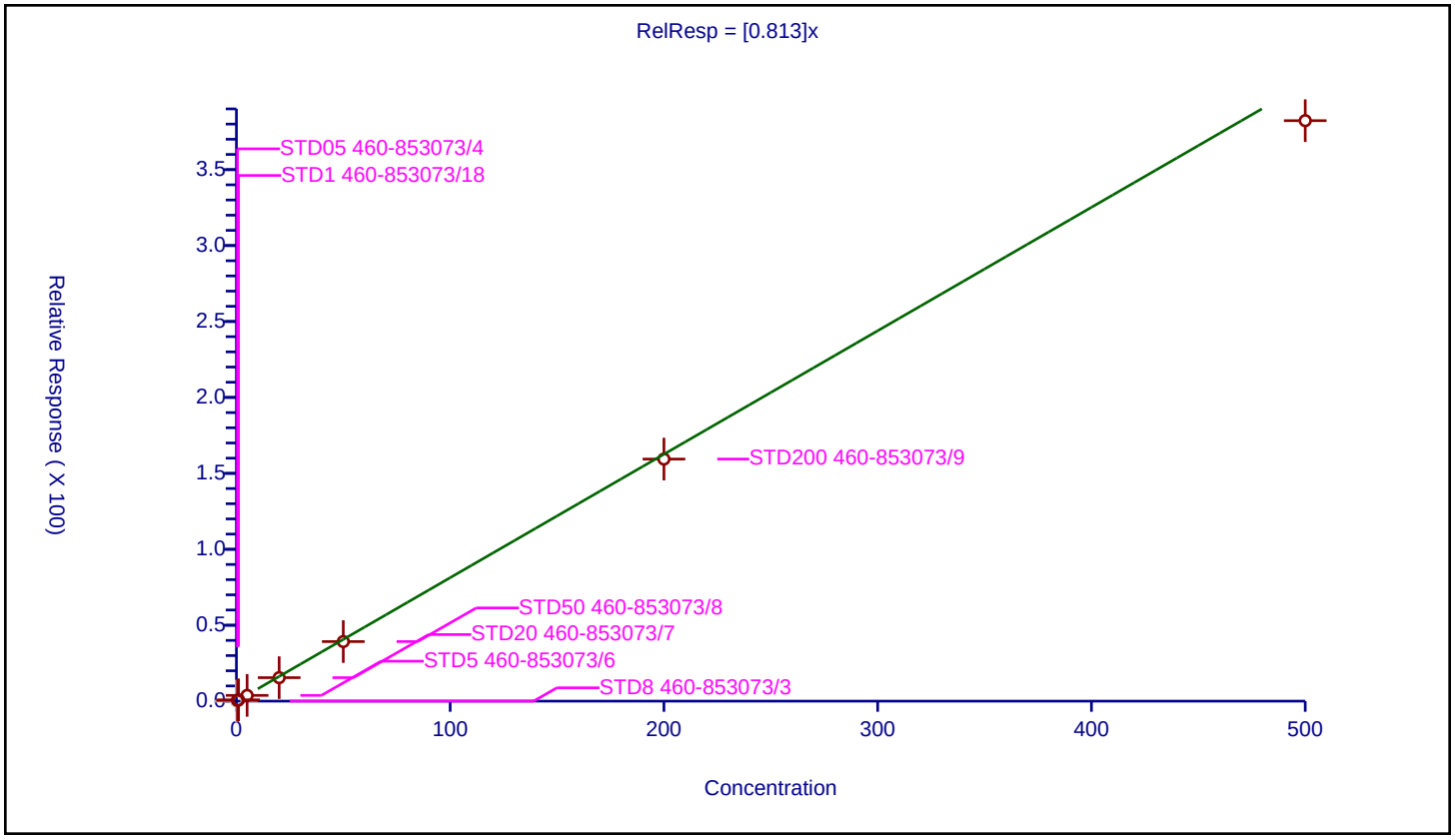
Curve Coefficients

Intercept:	0
Slope:	0.813

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.489948	50.0	494236.0	0.979896	Y
3	STD1 460-853073/18	1.0	0.836676	50.0	493560.0	0.836676	Y
4	STD5 460-853073/6	5.0	3.77634	50.0	462988.0	0.755268	Y
5	STD20 460-853073/7	20.0	15.457943	50.0	453495.0	0.772897	Y
6	STD50 460-853073/8	50.0	39.225953	50.0	478511.0	0.784519	Y
7	STD200 460-853073/9	200.0	159.407976	50.0	539590.0	0.79704	Y
8	STD500 460-853073/10	500.0	382.243212	50.0	649163.0	0.764486	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

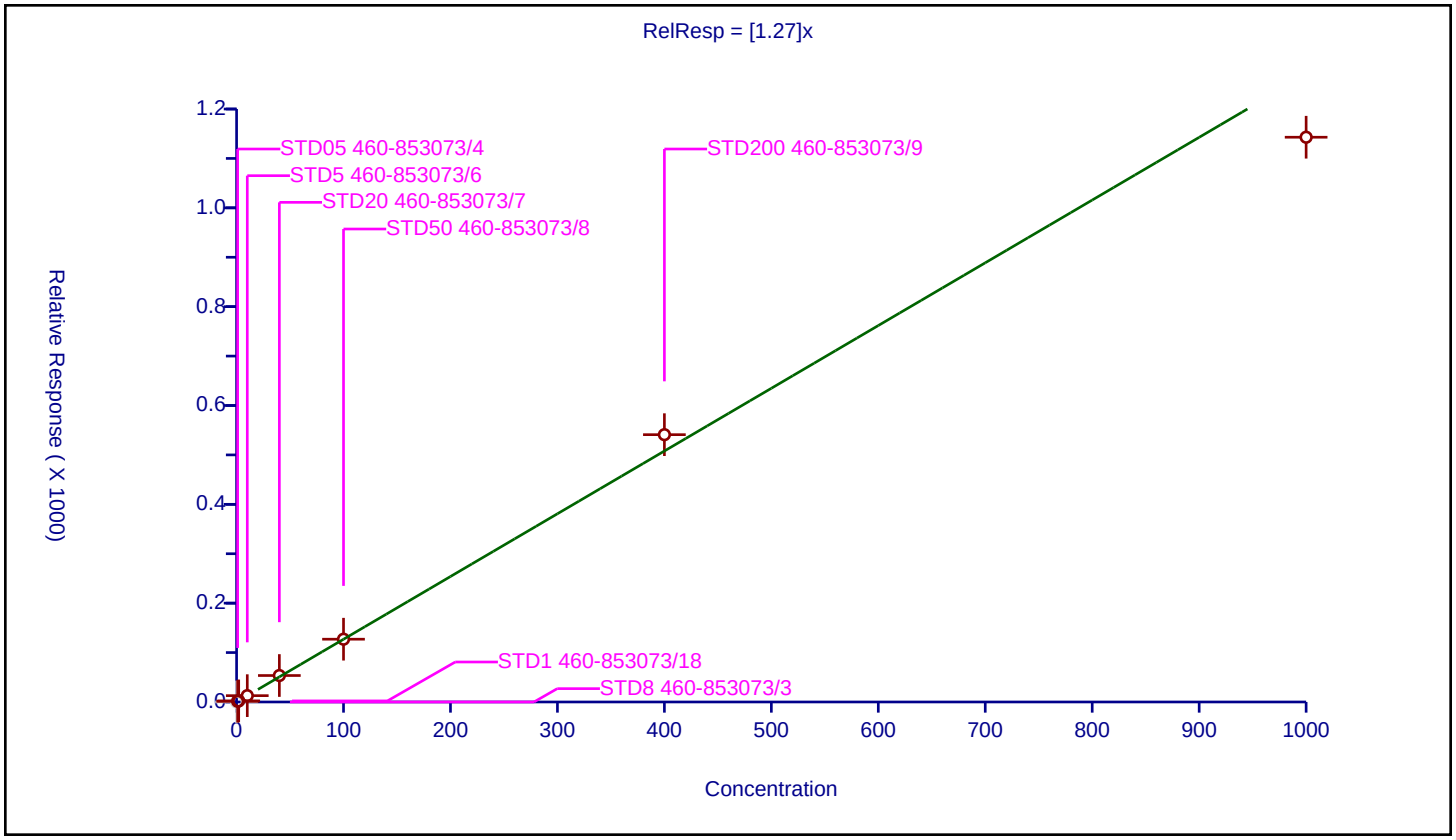
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Standard Error:	648000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	1.0	1.404842	250.0	214437.0	1.404842	Y
3	STD1 460-853073/18	2.0	2.192674	250.0	213438.0	1.096337	Y
4	STD5 460-853073/6	10.0	12.822261	250.0	183353.0	1.282226	Y
5	STD20 460-853073/7	40.0	53.544871	250.0	186255.0	1.338622	Y
6	STD50 460-853073/8	100.0	127.038683	250.0	210430.0	1.270387	Y
7	STD200 460-853073/9	400.0	540.966267	250.0	246288.0	1.352416	Y
8	STD500 460-853073/10	1000.0	1142.93074	250.0	326583.0	1.142931	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

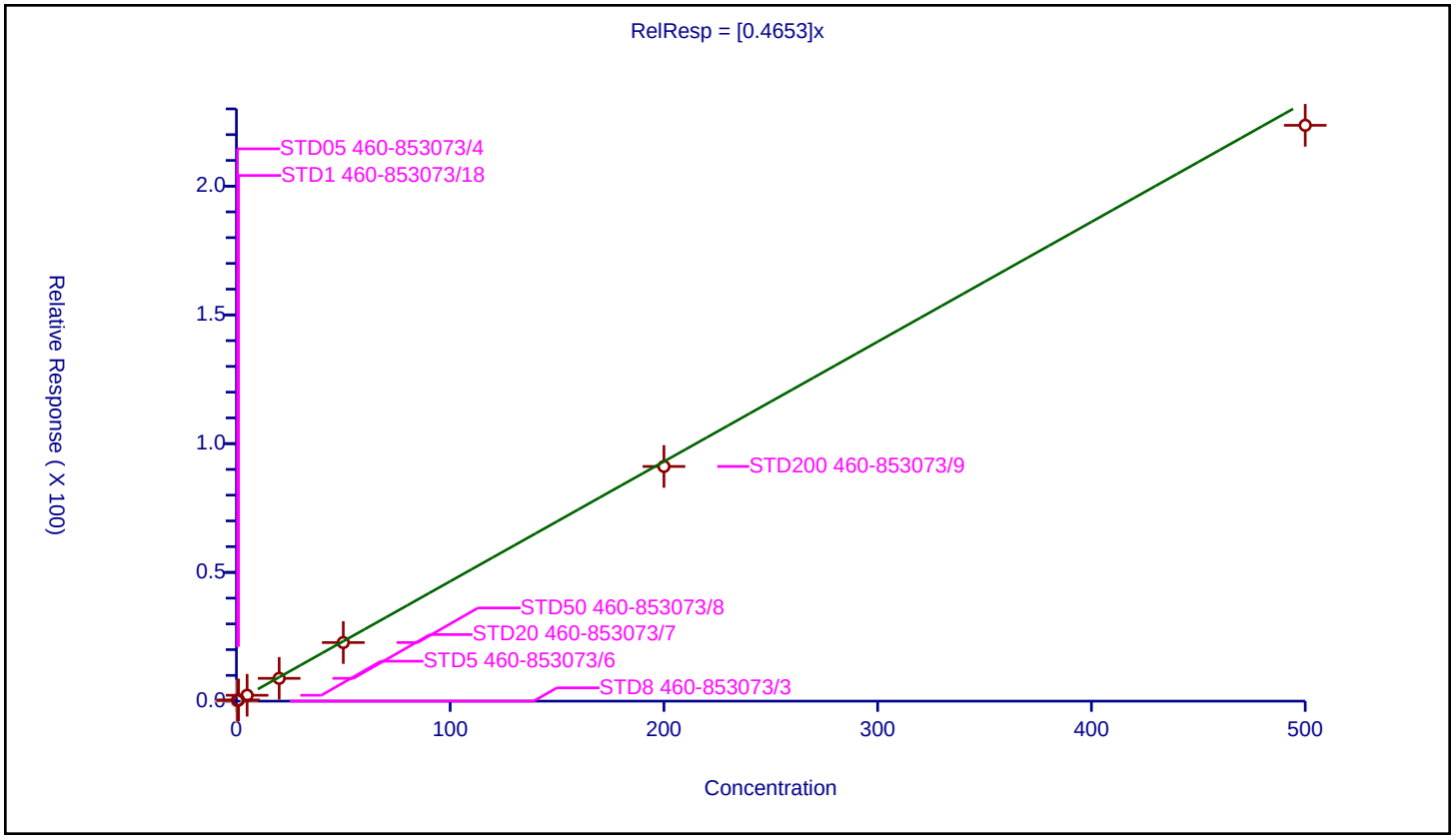
Curve Coefficients

Intercept:	0
Slope:	0.4653

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	6.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.264752	50.0	494236.0	0.529504	Y
3	STD1 460-853073/18	1.0	0.470156	50.0	493560.0	0.470156	Y
4	STD5 460-853073/6	5.0	2.282457	50.0	462988.0	0.456491	Y
5	STD20 460-853073/7	20.0	8.853571	50.0	453495.0	0.442679	Y
6	STD50 460-853073/8	50.0	22.76165	50.0	478511.0	0.455233	Y
7	STD200 460-853073/9	200.0	91.136233	50.0	539590.0	0.455681	Y
8	STD500 460-853073/10	500.0	223.626501	50.0	649163.0	0.447253	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

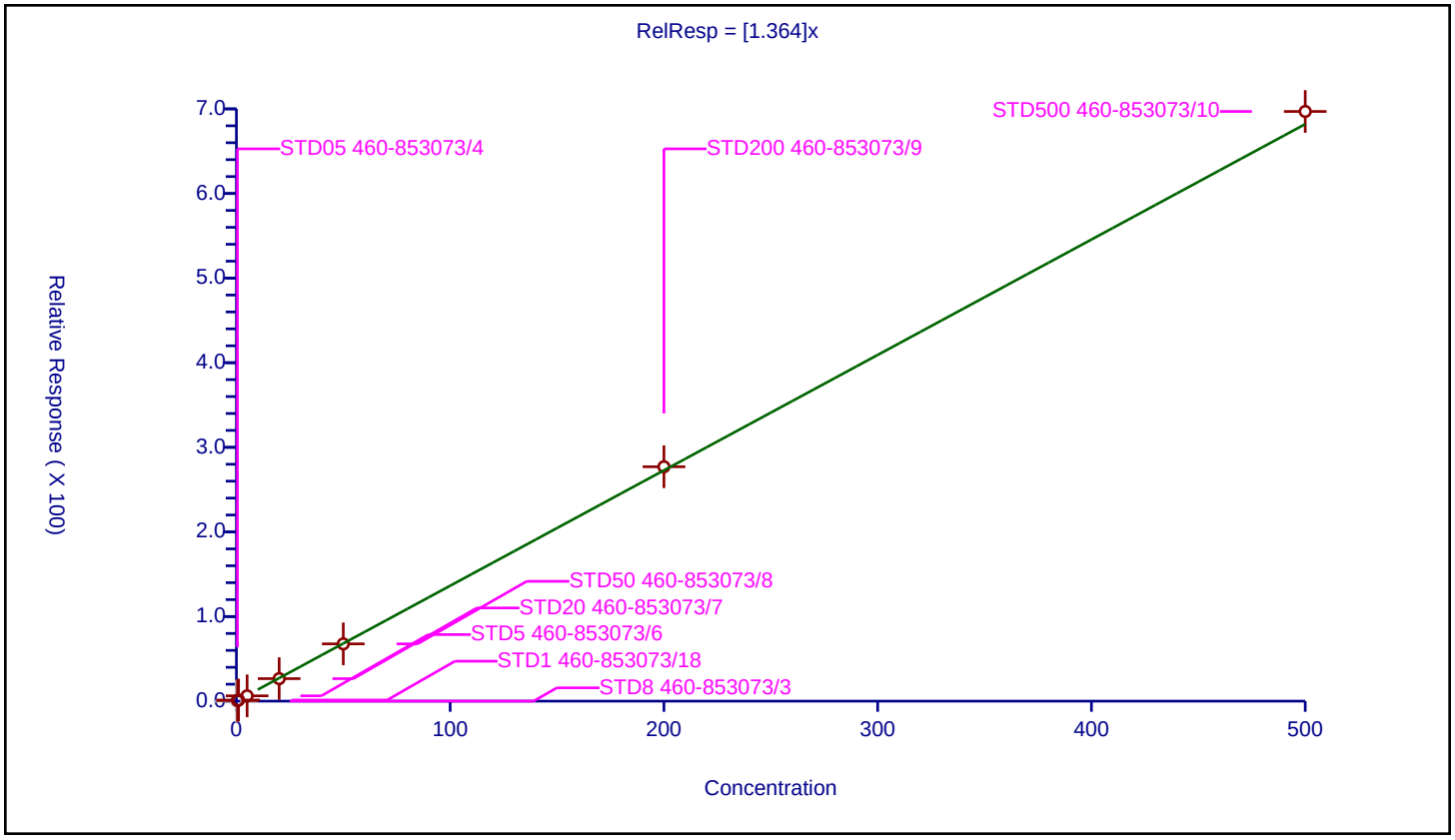
Curve Coefficients

Intercept:	0
Slope:	1.364

Error Coefficients

Standard Error:	3900000
Relative Standard Error:	6.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.76512	50.0	494236.0	1.530241	Y
3	STD1 460-853073/18	1.0	1.302375	50.0	493560.0	1.302375	Y
4	STD5 460-853073/6	5.0	6.266577	50.0	462988.0	1.253315	Y
5	STD20 460-853073/7	20.0	26.580117	50.0	453495.0	1.329006	Y
6	STD50 460-853073/8	50.0	67.686427	50.0	478511.0	1.353729	Y
7	STD200 460-853073/9	200.0	277.045349	50.0	539590.0	1.385227	Y
8	STD500 460-853073/10	500.0	696.934899	50.0	649163.0	1.39387	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

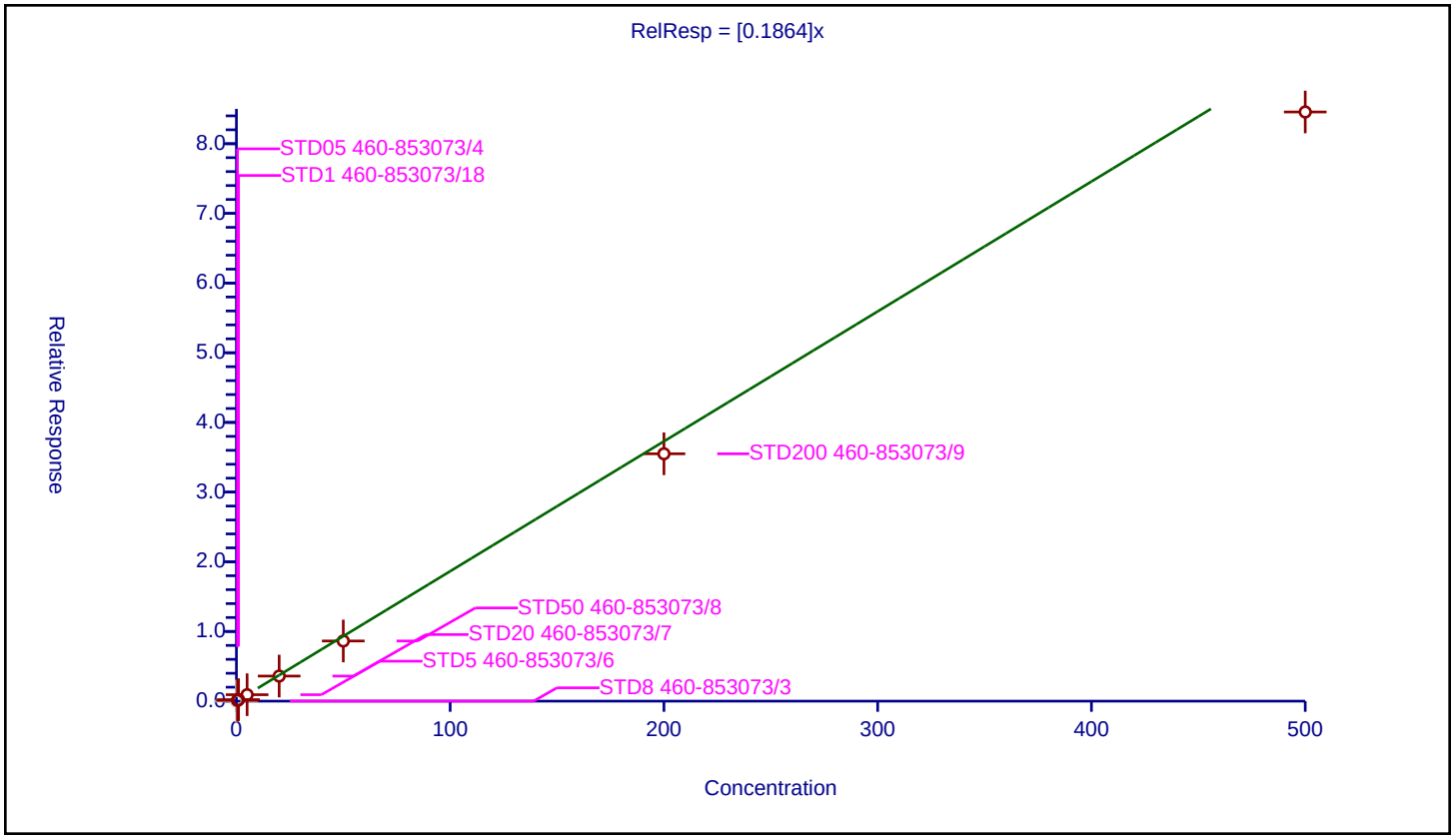
Curve Coefficients

Intercept:	0
Slope:	0.1864

Error Coefficients

Standard Error:	476000
Relative Standard Error:	9.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.105314	50.0	494236.0	0.210628	Y
3	STD1 460-853073/18	1.0	0.21041	50.0	493560.0	0.21041	Y
4	STD5 460-853073/6	5.0	0.923998	50.0	462988.0	0.1848	Y
5	STD20 460-853073/7	20.0	3.599819	50.0	453495.0	0.179991	Y
6	STD50 460-853073/8	50.0	8.632926	50.0	478511.0	0.172659	Y
7	STD200 460-853073/9	200.0	35.501863	50.0	539590.0	0.177509	Y
8	STD500 460-853073/10	500.0	84.555497	50.0	649163.0	0.169111	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

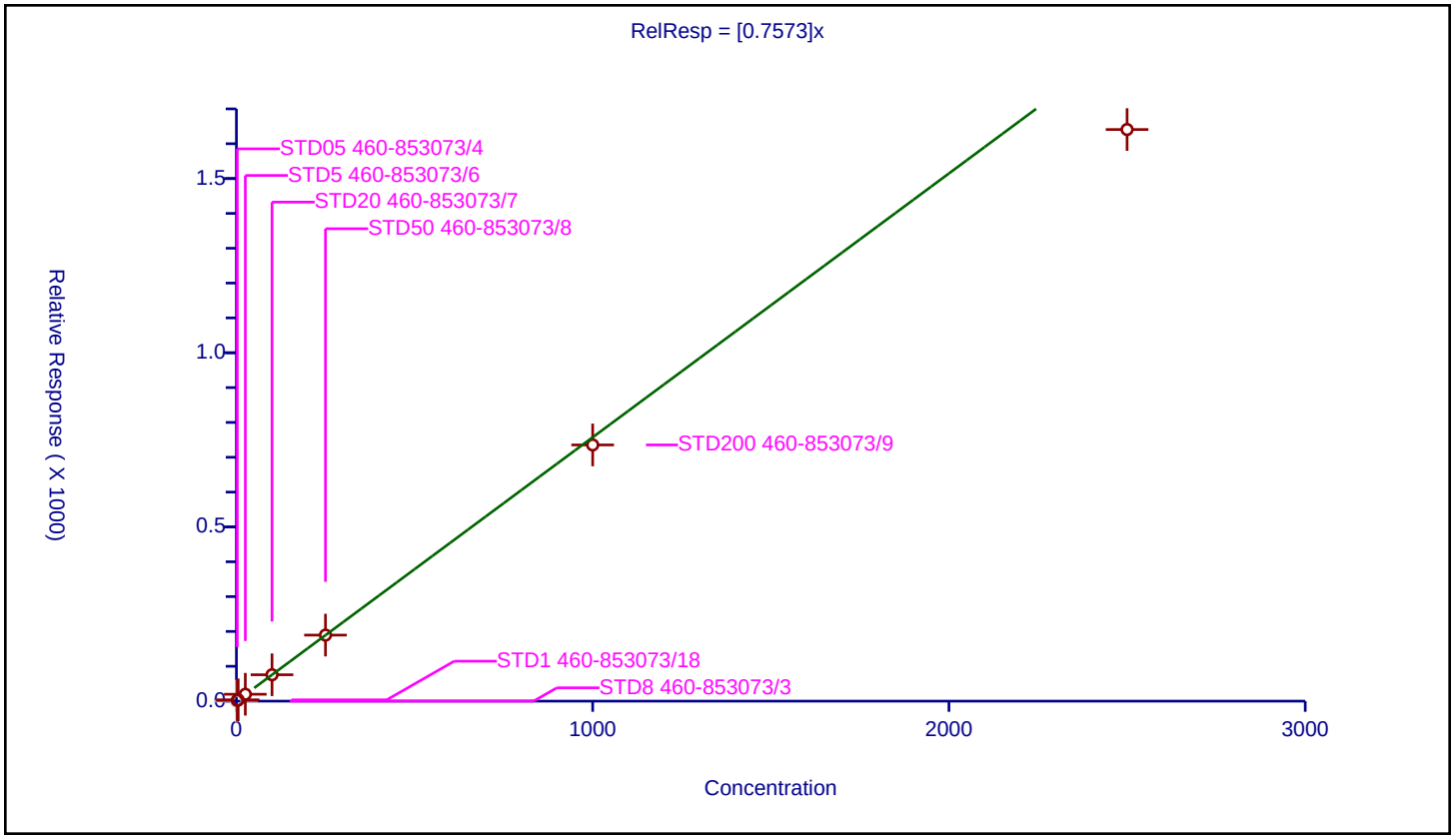
Curve Coefficients

Intercept:	0
Slope:	0.7573

Error Coefficients

Standard Error:	925000
Relative Standard Error:	7.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	2.5	2.141655	250.0	214437.0	0.856662	Y
3	STD1 460-853073/18	5.0	3.741133	250.0	213438.0	0.748227	Y
4	STD5 460-853073/6	25.0	19.732429	250.0	183353.0	0.789297	Y
5	STD20 460-853073/7	100.0	75.738906	250.0	186255.0	0.757389	Y
6	STD50 460-853073/8	250.0	189.526208	250.0	210430.0	0.758105	Y
7	STD200 460-853073/9	1000.0	735.43372	250.0	246288.0	0.735434	Y
8	STD500 460-853073/10	2500.0	1640.751356	250.0	326583.0	0.656301	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

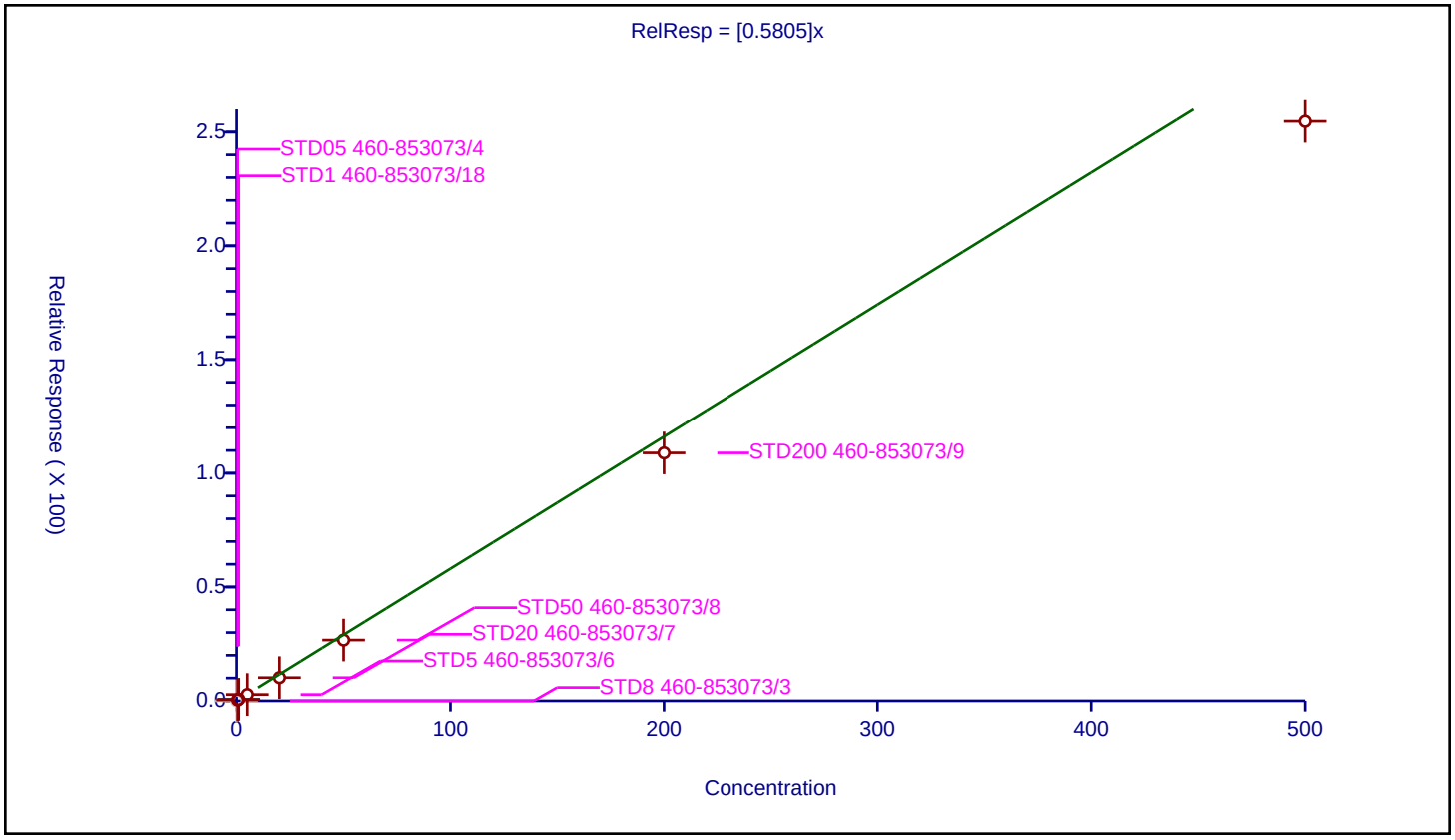
Curve Coefficients

Intercept:	0
Slope:	0.5805

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	15.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.363288	50.0	494236.0	0.726576	Y
3	STD1 460-853073/18	1.0	0.687556	50.0	493560.0	0.687556	Y
4	STD5 460-853073/6	5.0	2.764327	50.0	462988.0	0.552865	Y
5	STD20 460-853073/7	20.0	10.175856	50.0	453495.0	0.508793	Y
6	STD50 460-853073/8	50.0	26.699177	50.0	478511.0	0.533984	Y
7	STD200 460-853073/9	200.0	108.926314	50.0	539590.0	0.544632	Y
8	STD500 460-853073/10	500.0	254.713377	50.0	649163.0	0.509427	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

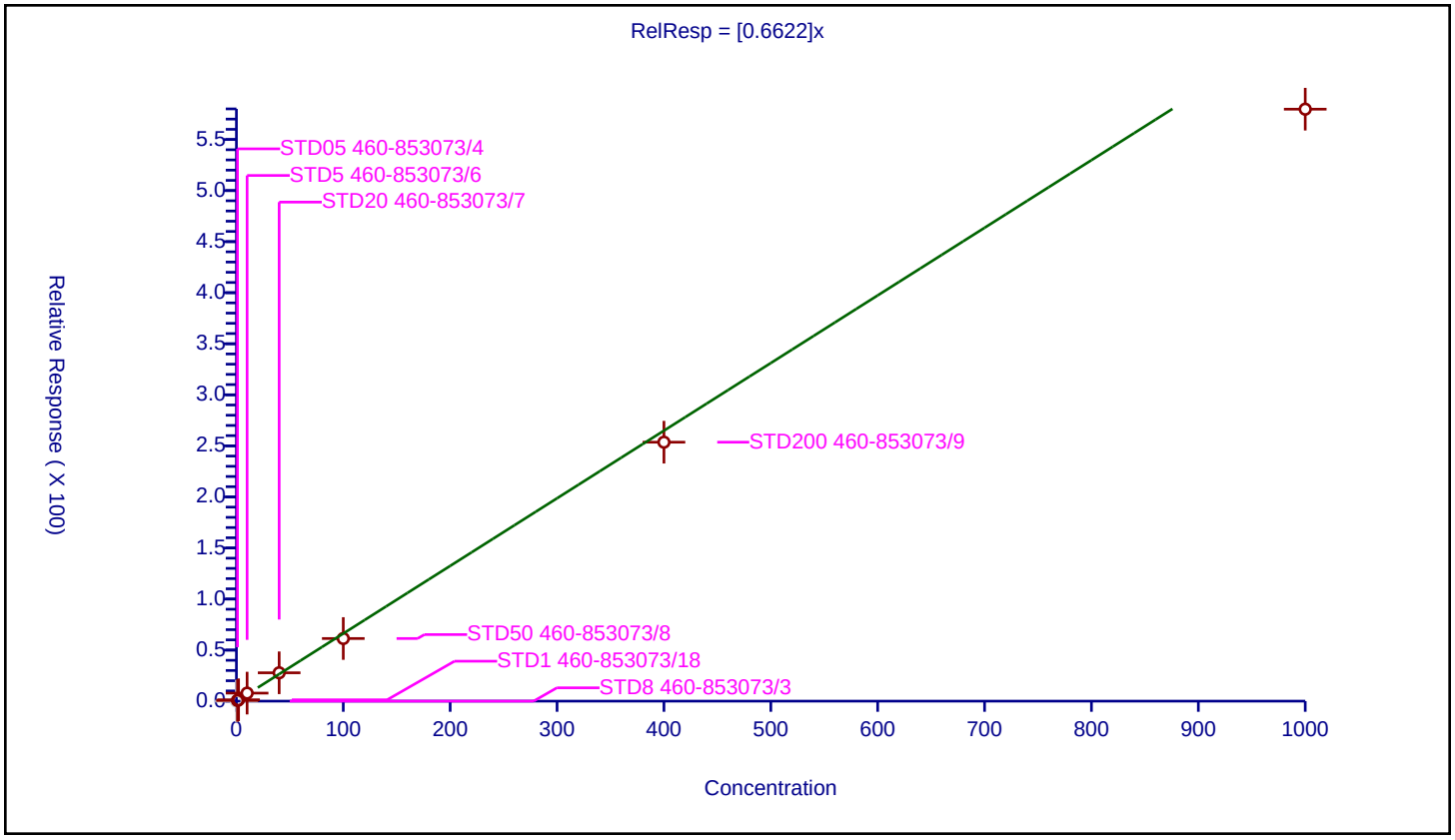
Curve Coefficients

Intercept:	0
Slope:	0.6622

Error Coefficients

Standard Error:	326000
Relative Standard Error:	10.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	1.0	0.67036	250.0	214437.0	0.67036	Y
3	STD1 460-853073/18	2.0	1.313028	250.0	213438.0	0.656514	Y
4	STD5 460-853073/6	10.0	7.876882	250.0	183353.0	0.787688	Y
5	STD20 460-853073/7	40.0	27.765698	250.0	186255.0	0.694142	Y
6	STD50 460-853073/8	100.0	61.335123	250.0	210430.0	0.613351	Y
7	STD200 460-853073/9	400.0	253.586249	250.0	246288.0	0.633966	Y
8	STD500 460-853073/10	1000.0	579.709446	250.0	326583.0	0.579709	Y



Calibration / Methyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

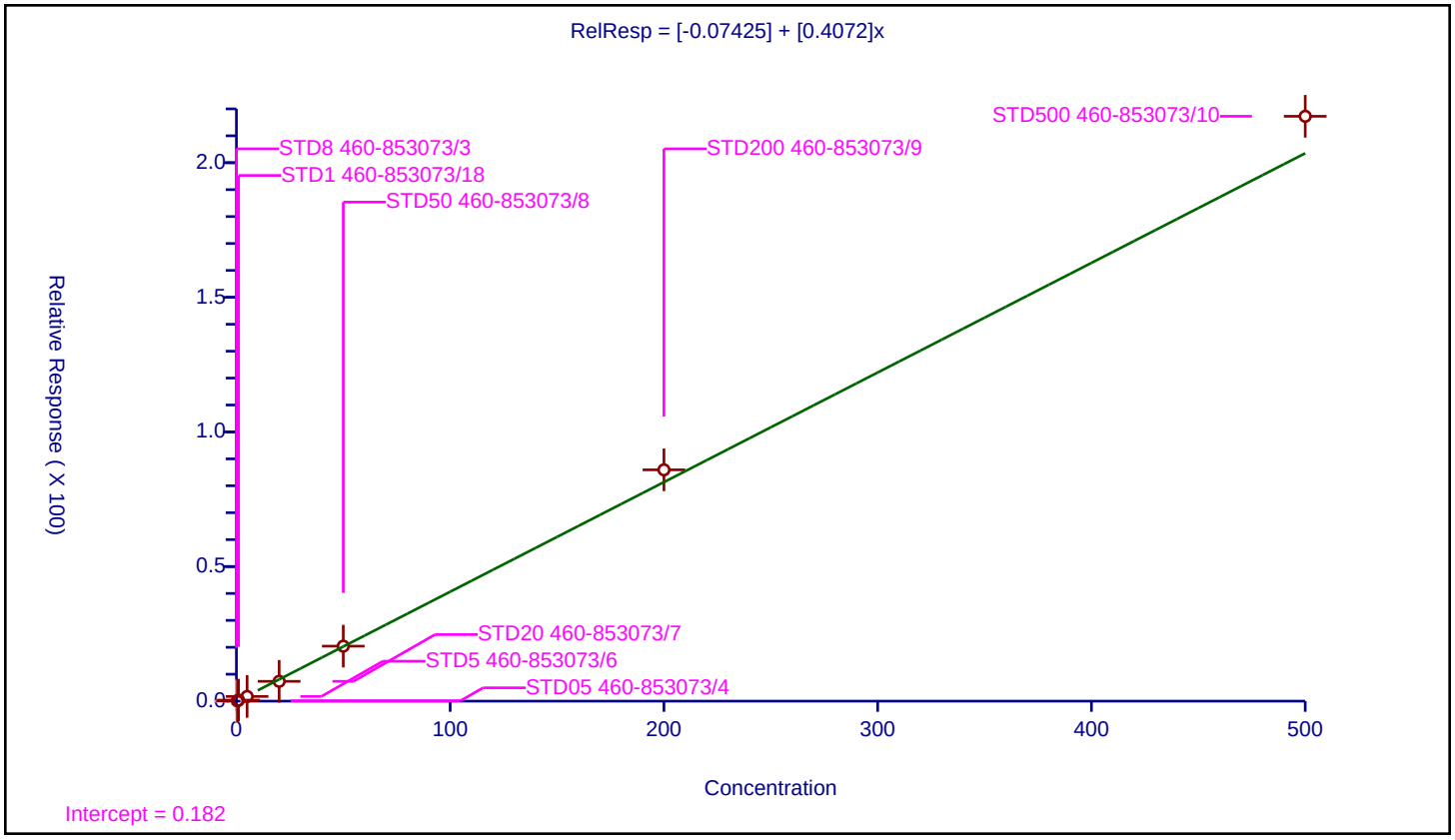
Curve Coefficients

Intercept:	-0.07425
Slope:	0.4072

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	8.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.121804	50.0	494236.0	0.243608	Y
3	STD1 460-853073/18	1.0	0.373207	50.0	493560.0	0.373207	Y
4	STD5 460-853073/6	5.0	1.74659	50.0	462988.0	0.349318	Y
5	STD20 460-853073/7	20.0	7.36028	50.0	453495.0	0.368014	Y
6	STD50 460-853073/8	50.0	20.430042	50.0	478511.0	0.408601	Y
7	STD200 460-853073/9	200.0	85.926074	50.0	539590.0	0.42963	Y
8	STD500 460-853073/10	500.0	217.249905	50.0	649163.0	0.4345	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

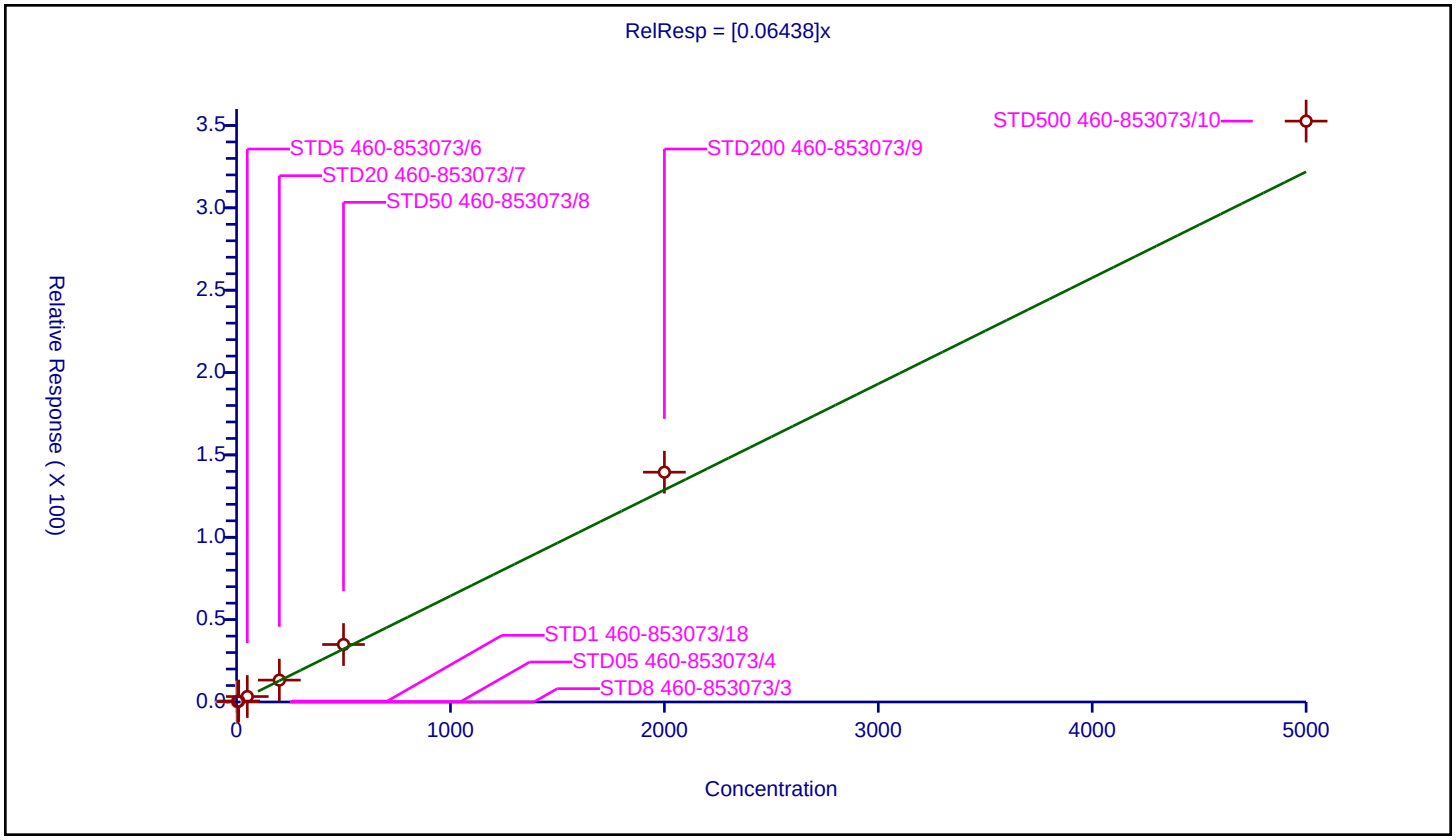
Curve Coefficients

Intercept:	0
Slope:	0.06438

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	12.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	5.0	0.249375	50.0	494236.0	0.049875	Y
3	STD1 460-853073/18	10.0	0.579869	50.0	493560.0	0.057987	Y
4	STD5 460-853073/6	50.0	3.316177	50.0	462988.0	0.066324	Y
5	STD20 460-853073/7	200.0	13.276001	50.0	453495.0	0.06638	Y
6	STD50 460-853073/8	500.0	34.903795	50.0	478511.0	0.069808	Y
7	STD200 460-853073/9	2000.0	139.508794	50.0	539590.0	0.069754	Y
8	STD500 460-853073/10	5000.0	352.65773	50.0	649163.0	0.070532	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

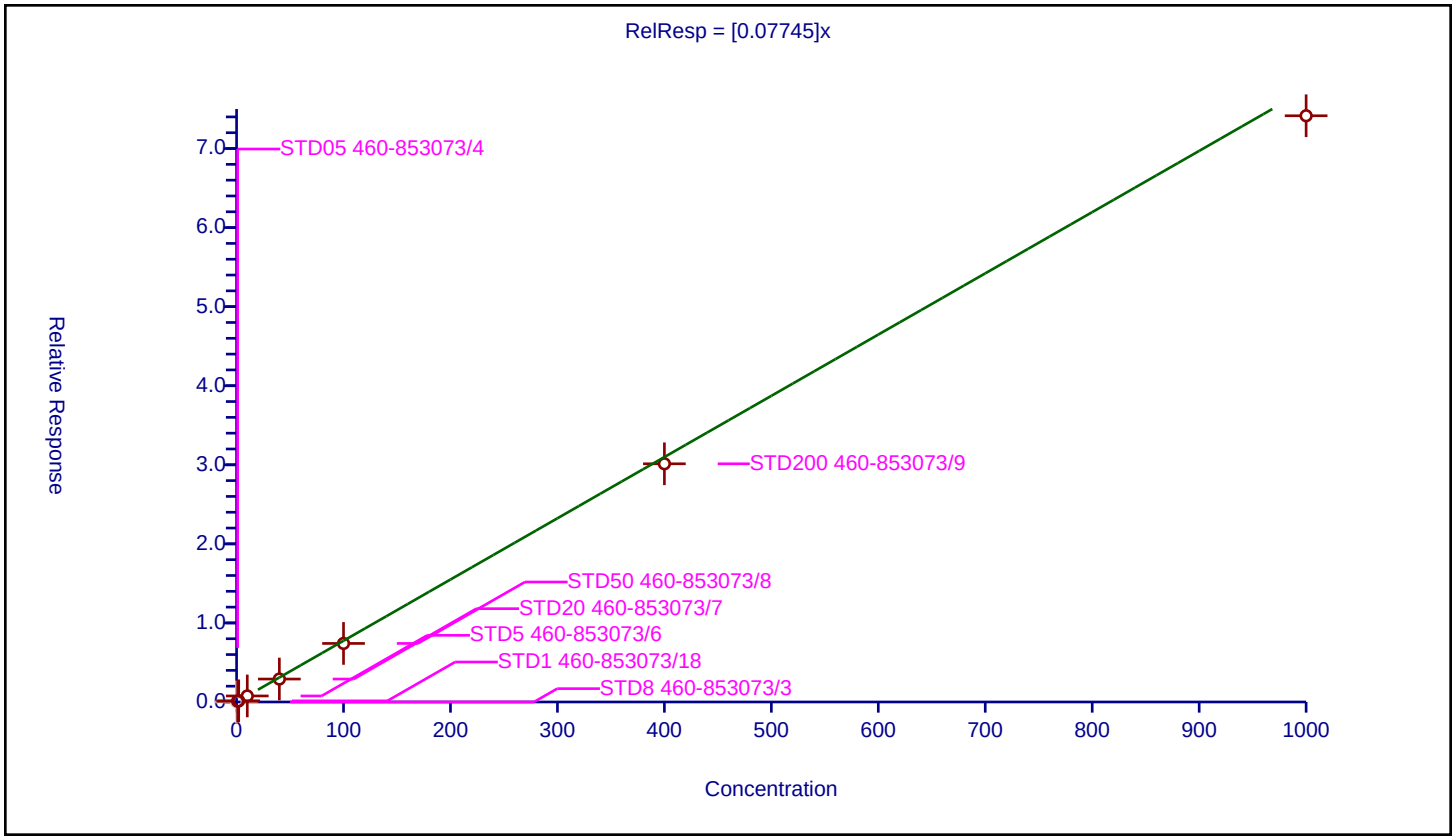
Curve Coefficients

Intercept:	0
Slope:	0.07745

Error Coefficients

Standard Error:	416000
Relative Standard Error:	12.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	1.0	0.098131	50.0	494236.0	0.098131	Y
3	STD1 460-853073/18	2.0	0.142941	50.0	493560.0	0.071471	Y
4	STD5 460-853073/6	10.0	0.764059	50.0	462988.0	0.076406	Y
5	STD20 460-853073/7	40.0	2.903781	50.0	453495.0	0.072595	Y
6	STD50 460-853073/8	100.0	7.406099	50.0	478511.0	0.074061	Y
7	STD200 460-853073/9	400.0	30.12769	50.0	539590.0	0.075319	Y
8	STD500 460-853073/10	1000.0	74.145323	50.0	649163.0	0.074145	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

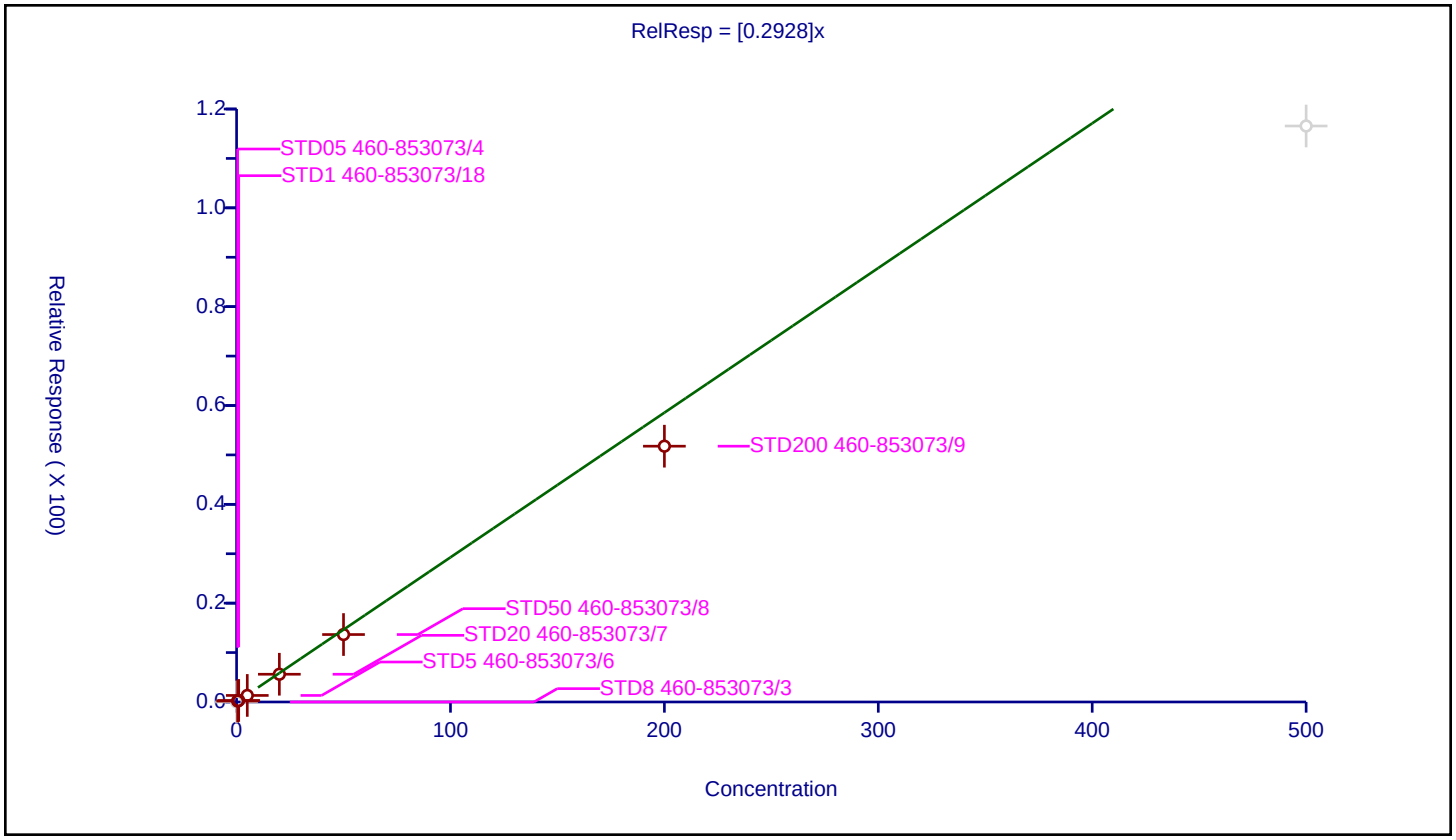
Curve Coefficients

Intercept:	0
Slope:	0.2928

Error Coefficients

Standard Error:	258000
Relative Standard Error:	14.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.186551	50.0	494236.0	0.373101	Y
3	STD1 460-853073/18	1.0	0.305434	50.0	493560.0	0.305434	Y
4	STD5 460-853073/6	5.0	1.32606	50.0	462988.0	0.265212	Y
5	STD20 460-853073/7	20.0	5.617703	50.0	453495.0	0.280885	Y
6	STD50 460-853073/8	50.0	13.652769	50.0	478511.0	0.273055	Y
7	STD200 460-853073/9	200.0	51.767268	50.0	539590.0	0.258836	Y
8	STD500 460-853073/10	500.0	116.56356	50.0	649163.0	0.233127	N



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

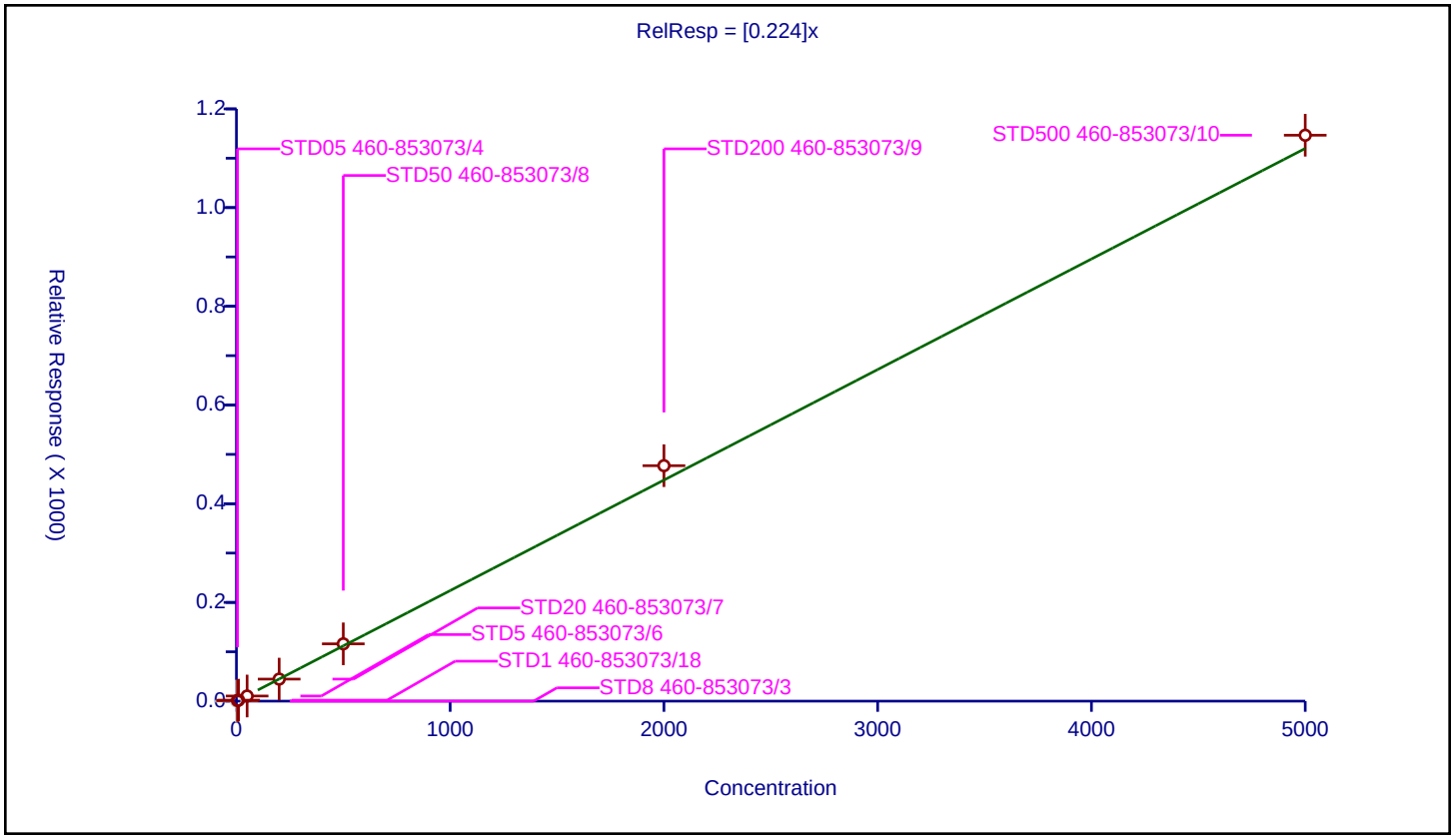
Curve Coefficients

Intercept:	0
Slope:	0.224

Error Coefficients

Standard Error:	6450000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	5.0	1.186579	50.0	494236.0	0.237316	Y
3	STD1 460-853073/18	10.0	1.990336	50.0	493560.0	0.199034	Y
4	STD5 460-853073/6	50.0	10.394006	50.0	462988.0	0.20788	Y
5	STD20 460-853073/7	200.0	44.674693	50.0	453495.0	0.223373	Y
6	STD50 460-853073/8	500.0	116.111437	50.0	478511.0	0.232223	Y
7	STD200 460-853073/9	2000.0	477.088901	50.0	539590.0	0.238544	Y
8	STD500 460-853073/10	5000.0	1146.634204	50.0	649163.0	0.229327	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

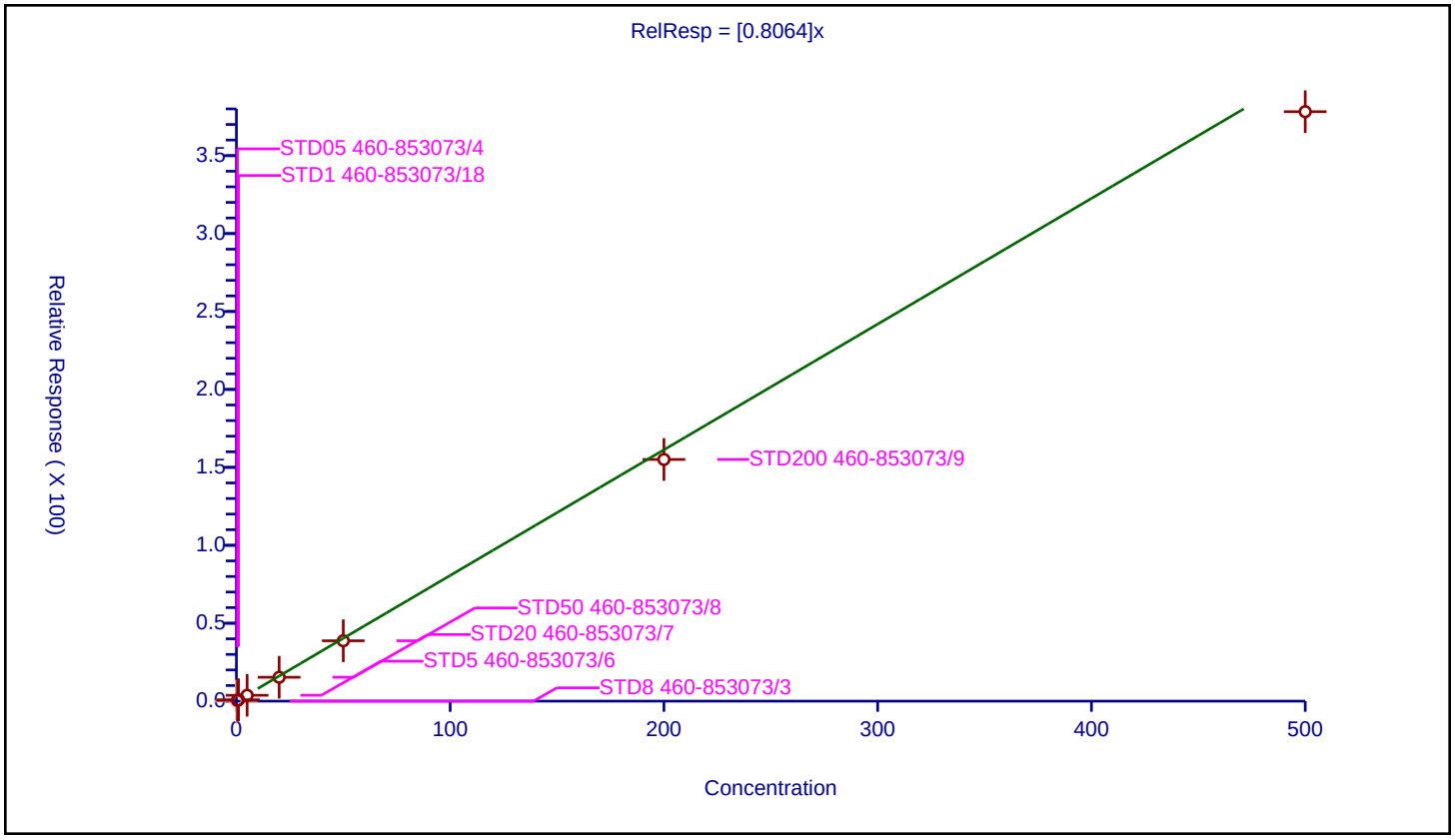
Curve Coefficients

Intercept:	0
Slope:	0.8064

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.475583	50.0	494236.0	0.951165	Y
3	STD1 460-853073/18	1.0	0.869702	50.0	493560.0	0.869702	Y
4	STD5 460-853073/6	5.0	3.758845	50.0	462988.0	0.751769	Y
5	STD20 460-853073/7	20.0	15.312186	50.0	453495.0	0.765609	Y
6	STD50 460-853073/8	50.0	38.728368	50.0	478511.0	0.774567	Y
7	STD200 460-853073/9	200.0	155.052355	50.0	539590.0	0.775262	Y
8	STD500 460-853073/10	500.0	378.204781	50.0	649163.0	0.75641	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

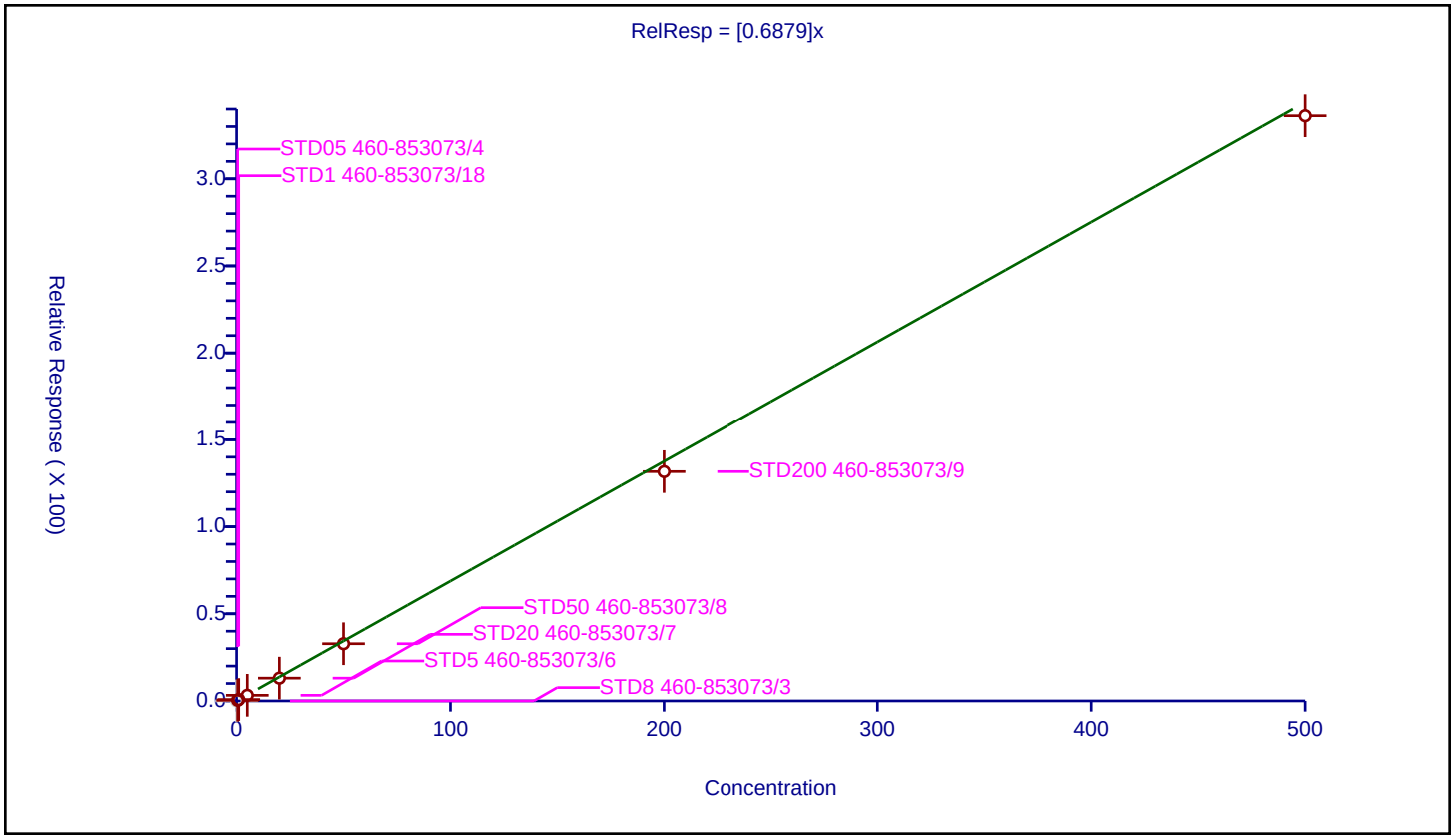
Curve Coefficients

Intercept:	0
Slope:	0.6879

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	8.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.363895	50.0	494236.0	0.72779	Y
3	STD1 460-853073/18	1.0	0.798484	50.0	493560.0	0.798484	Y
4	STD5 460-853073/6	5.0	3.240365	50.0	462988.0	0.648073	Y
5	STD20 460-853073/7	20.0	13.077211	50.0	453495.0	0.653861	Y
6	STD50 460-853073/8	50.0	32.817532	50.0	478511.0	0.656351	Y
7	STD200 460-853073/9	200.0	131.694435	50.0	539590.0	0.658472	Y
8	STD500 460-853073/10	500.0	336.178972	50.0	649163.0	0.672358	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

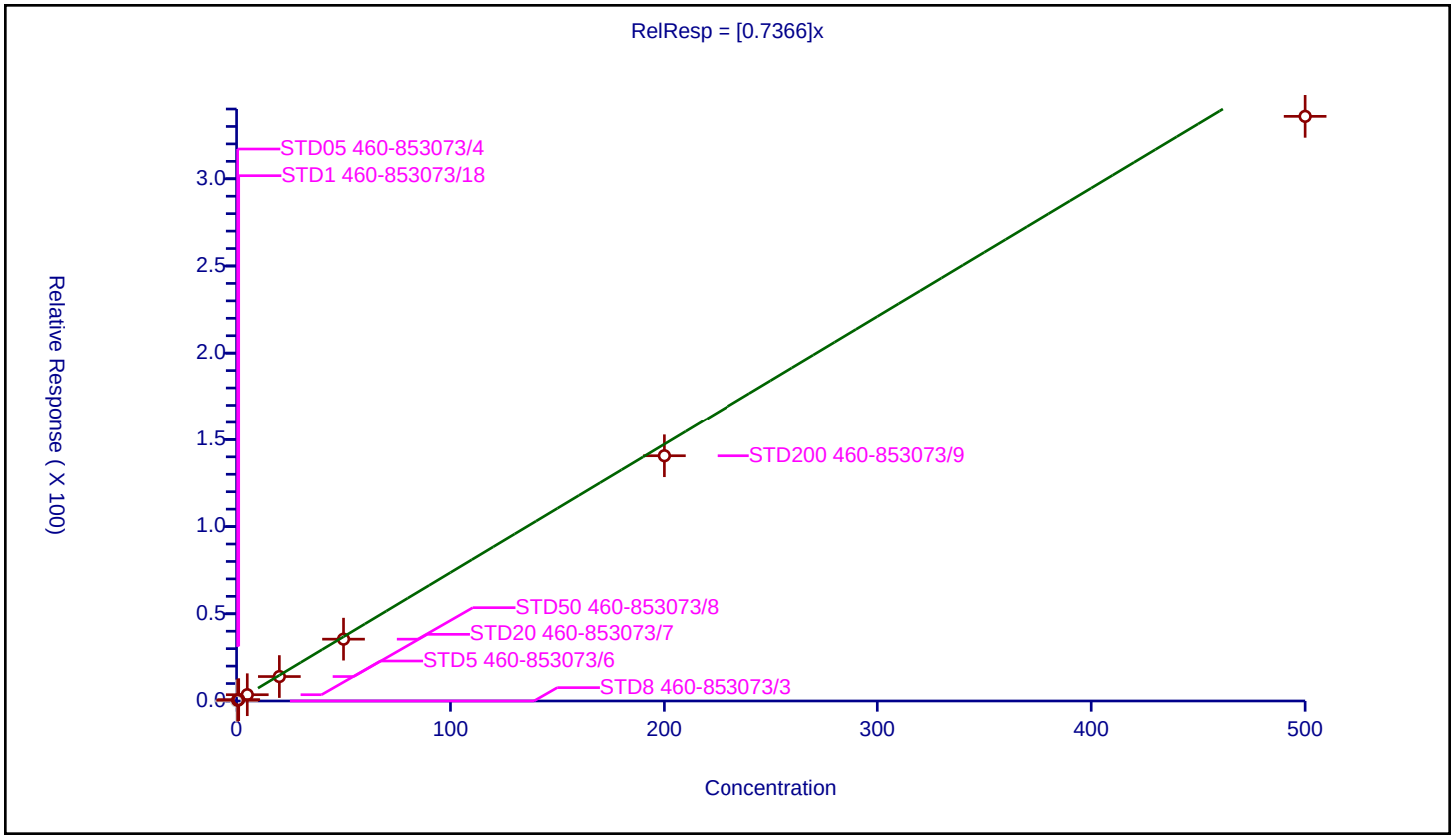
Curve Coefficients

Intercept:	0
Slope:	0.7366

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.437443	50.0	494236.0	0.874886	Y
3	STD1 460-853073/18	1.0	0.778021	50.0	493560.0	0.778021	Y
4	STD5 460-853073/6	5.0	3.595234	50.0	462988.0	0.719047	Y
5	STD20 460-853073/7	20.0	14.017134	50.0	453495.0	0.700857	Y
6	STD50 460-853073/8	50.0	35.447565	50.0	478511.0	0.708951	Y
7	STD200 460-853073/9	200.0	140.630849	50.0	539590.0	0.703154	Y
8	STD500 460-853073/10	500.0	335.789624	50.0	649163.0	0.671579	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

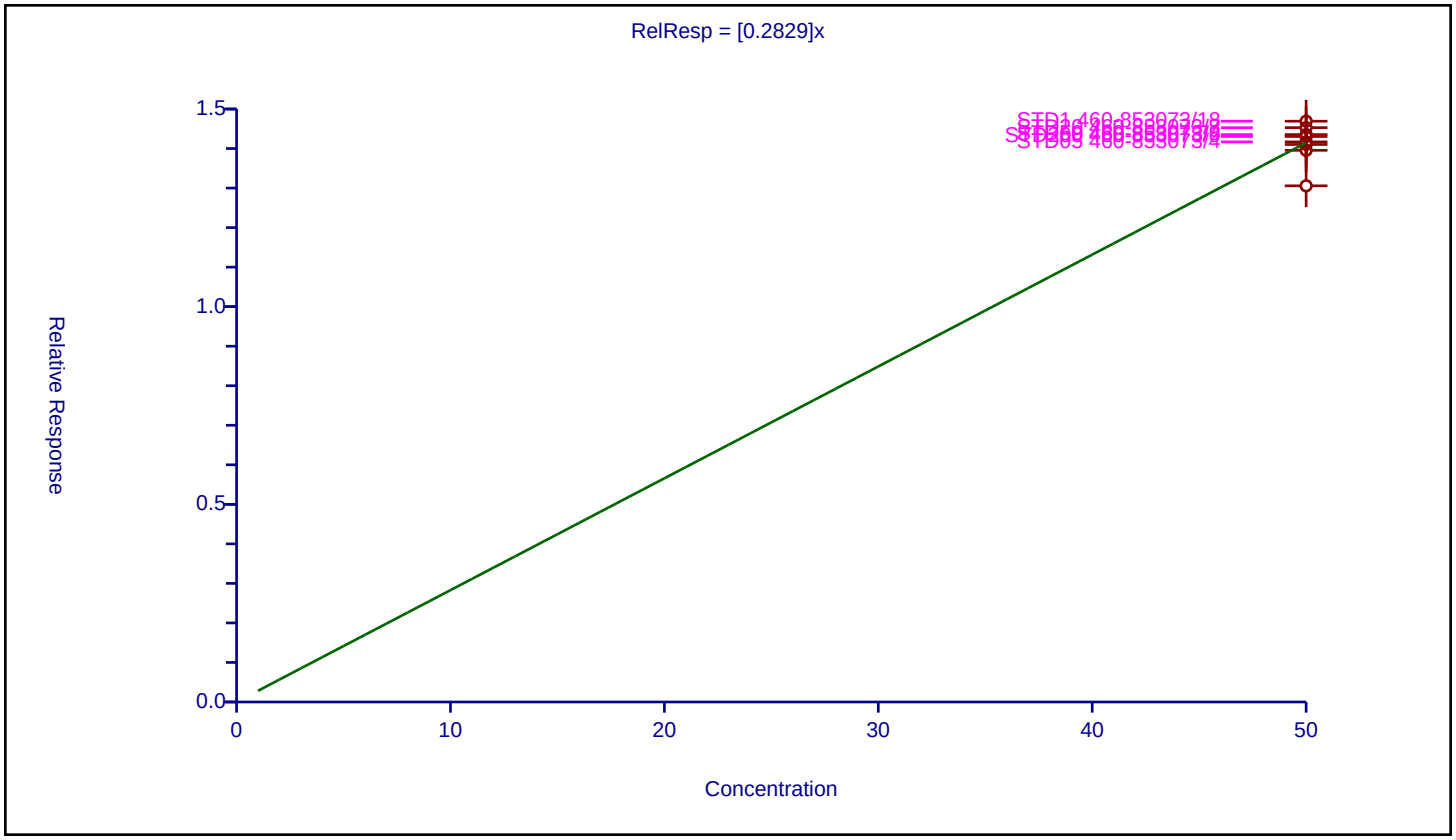
Curve Coefficients

Intercept:	0
Slope:	0.2829

Error Coefficients

Standard Error:	154000
Relative Standard Error:	3.5
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	50.0	14.102854	50.0	499094.0	0.282057	Y
2	STD05 460-853073/4	50.0	14.16813	50.0	494236.0	0.283363	Y
3	STD5 460-853073/6	50.0	13.955329	50.0	462988.0	0.279107	Y
4	STD20 460-853073/7	50.0	14.528385	50.0	453495.0	0.290568	Y
5	STD50 460-853073/8	50.0	14.354006	50.0	478511.0	0.28708	Y
6	STD200 460-853073/9	50.0	14.304843	50.0	539590.0	0.286097	Y
7	STD500 460-853073/10	50.0	13.057352	50.0	649163.0	0.261147	Y
8	STD1 460-853073/18	50.0	14.691527	50.0	493560.0	0.293831	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

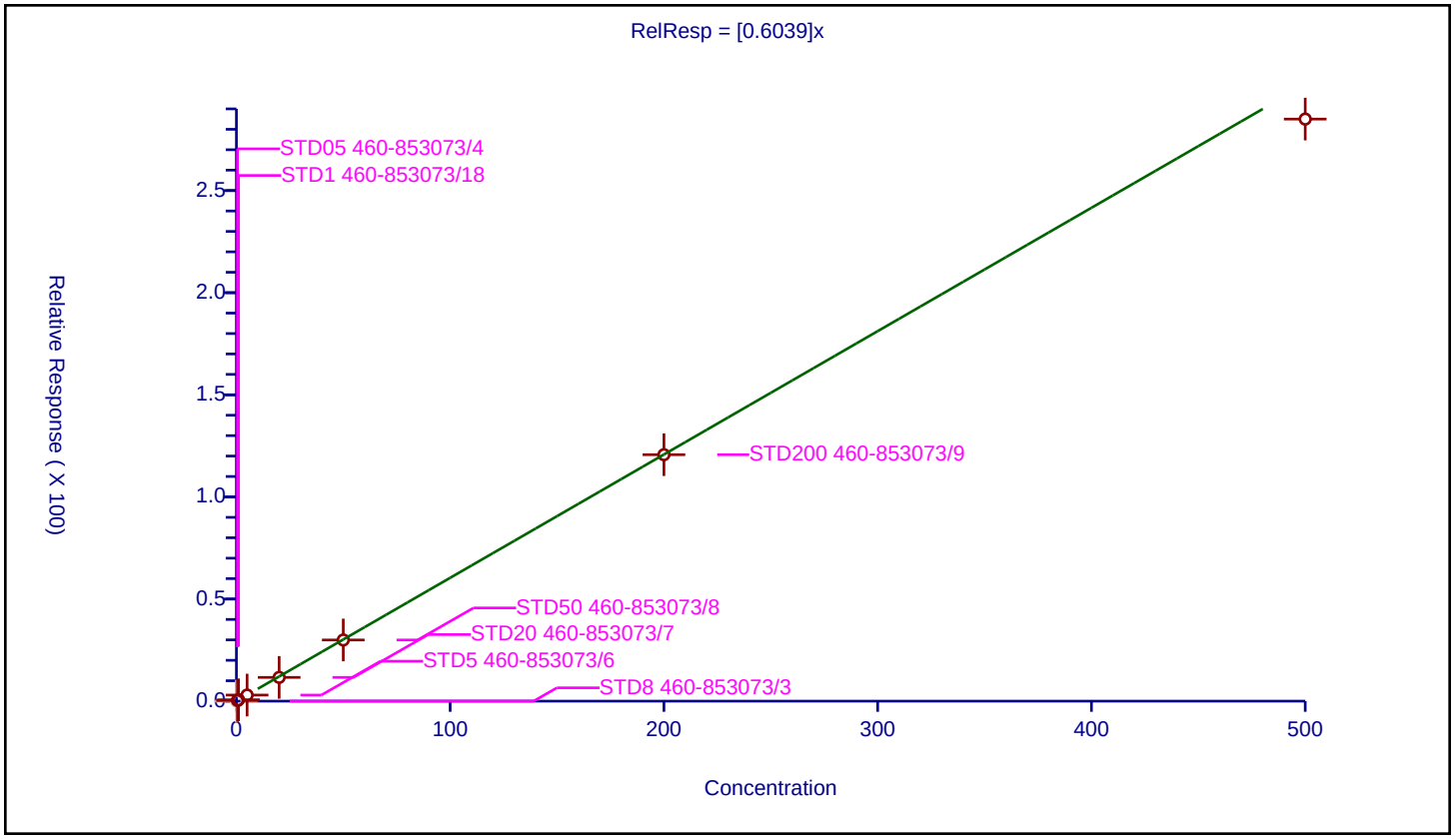
Curve Coefficients

Intercept:	0
Slope:	0.6039

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.306837	50.0	494236.0	0.613674	Y
3	STD1 460-853073/18	1.0	0.664762	50.0	493560.0	0.664762	Y
4	STD5 460-853073/6	5.0	2.974699	50.0	462988.0	0.59494	Y
5	STD20 460-853073/7	20.0	11.628574	50.0	453495.0	0.581429	Y
6	STD50 460-853073/8	50.0	29.953648	50.0	478511.0	0.599073	Y
7	STD200 460-853073/9	200.0	120.678756	50.0	539590.0	0.603394	Y
8	STD500 460-853073/10	500.0	285.004768	50.0	649163.0	0.57001	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

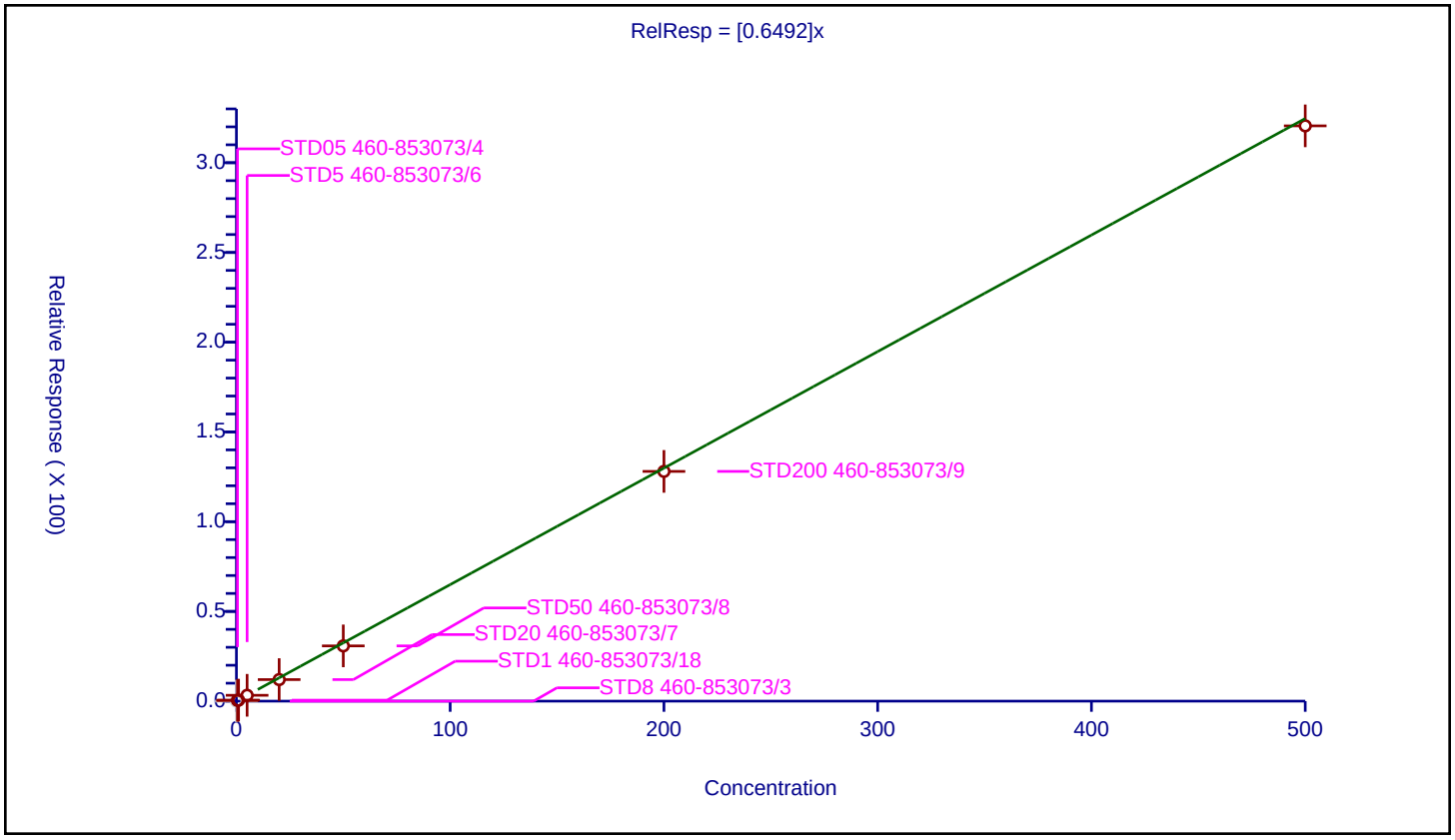
Curve Coefficients

Intercept:	0
Slope:	0.6492

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	14.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.426416	50.0	494236.0	0.852831	Y
3	STD1 460-853073/18	1.0	0.544108	50.0	493560.0	0.544108	Y
4	STD5 460-853073/6	5.0	3.25192	50.0	462988.0	0.650384	Y
5	STD20 460-853073/7	20.0	12.007519	50.0	453495.0	0.600376	Y
6	STD50 460-853073/8	50.0	30.793649	50.0	478511.0	0.615873	Y
7	STD200 460-853073/9	200.0	128.010897	50.0	539590.0	0.640054	Y
8	STD500 460-853073/10	500.0	320.547844	50.0	649163.0	0.641096	Y



Calibration / Isobutyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

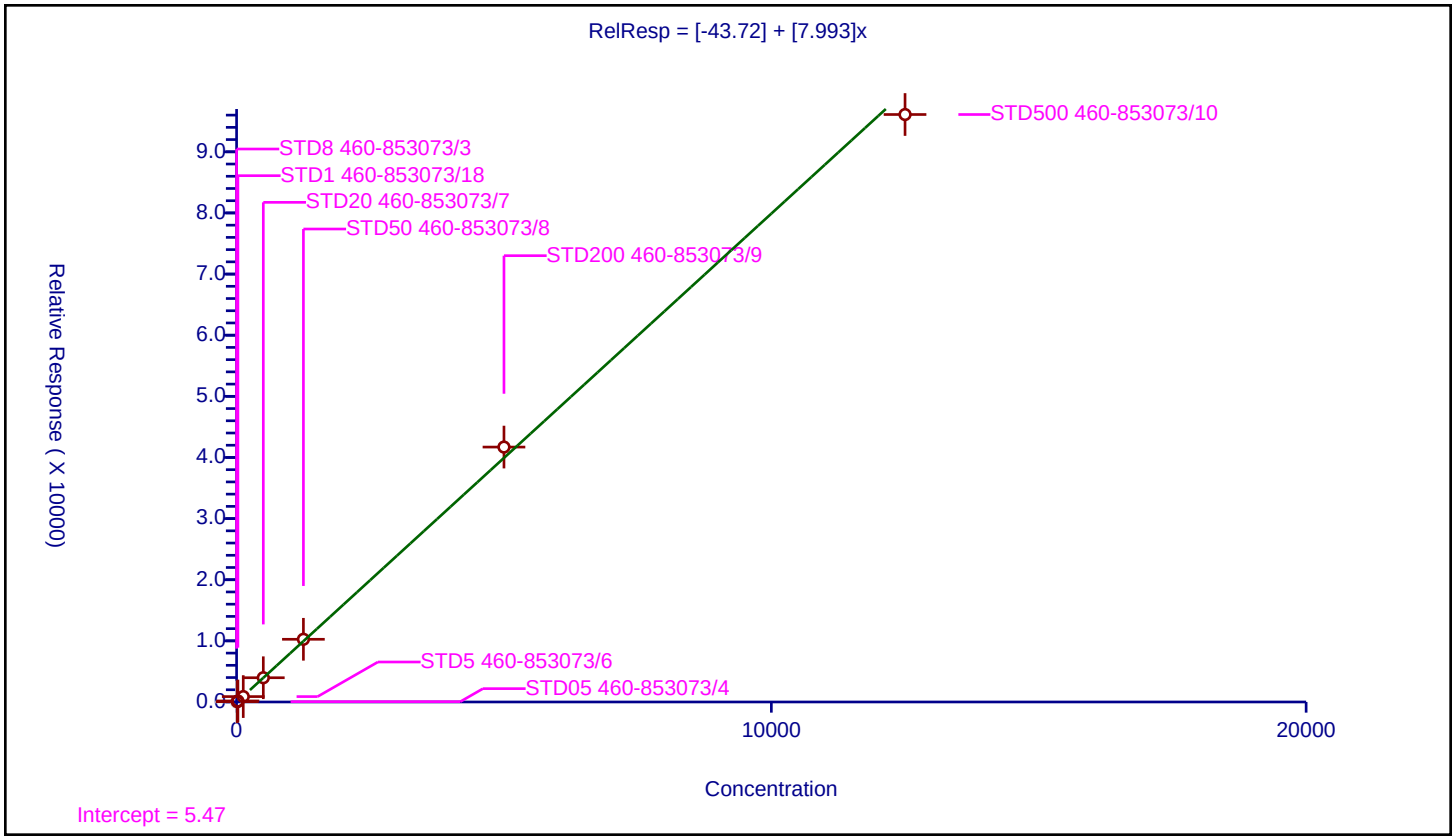
Curve Coefficients

Intercept:	-43.72
Slope:	7.993

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	5.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	26942.0	NaN	N
2	STD05 460-853073/4	12.5	54.395126	1000.0	32172.0	4.35161	Y
3	STD1 460-853073/18	25.0	166.054891	1000.0	29695.0	6.642196	Y
4	STD5 460-853073/6	125.0	882.520683	1000.0	28405.0	7.060165	Y
5	STD20 460-853073/7	500.0	3968.604084	1000.0	28698.0	7.937208	Y
6	STD50 460-853073/8	1250.0	10255.897679	1000.0	31665.0	8.204718	Y
7	STD200 460-853073/9	5000.0	41698.58626	1000.0	36216.0	8.339717	Y
8	STD500 460-853073/10	12500.0	96099.180328	1000.0	47580.0	7.687934	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

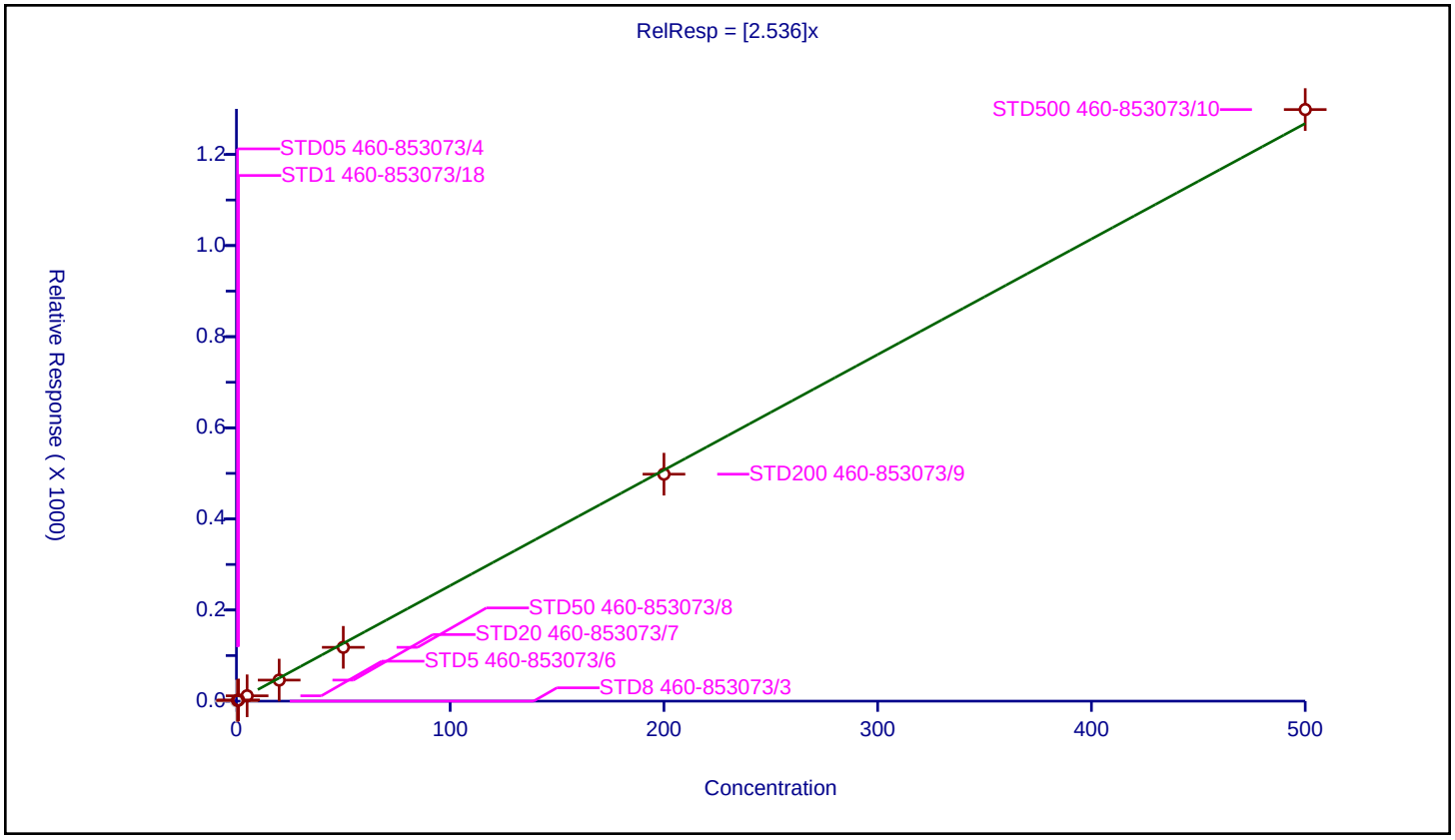
Curve Coefficients

Intercept:	0
Slope:	2.536

Error Coefficients

Standard Error:	5430000
Relative Standard Error:	10.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	1.539179	50.0	365812.0	3.078357	Y
3	STD1 460-853073/18	1.0	2.563125	50.0	380512.0	2.563125	Y
4	STD5 460-853073/6	5.0	11.737145	50.0	357391.0	2.347429	Y
5	STD20 460-853073/7	20.0	46.234698	50.0	354540.0	2.311735	Y
6	STD50 460-853073/8	50.0	118.130006	50.0	386889.0	2.3626	Y
7	STD200 460-853073/9	200.0	498.174721	50.0	421908.0	2.490874	Y
8	STD500 460-853073/10	500.0	1298.545378	50.0	484215.0	2.597091	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

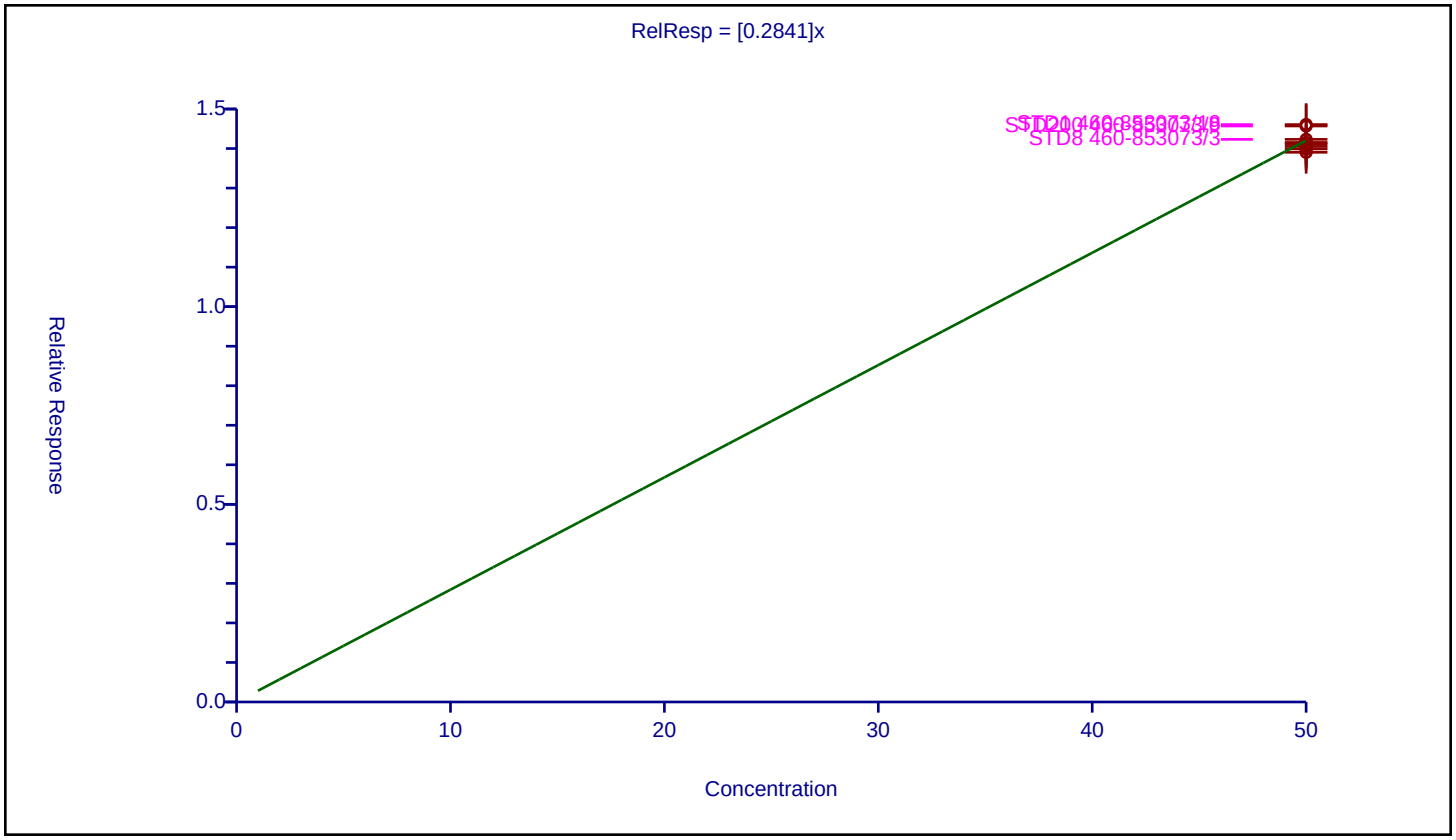
Curve Coefficients

Intercept:	0
Slope:	0.2841

Error Coefficients

Standard Error:	156000
Relative Standard Error:	1.8
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	50.0	14.232089	50.0	499094.0	0.284642	Y
2	STD05 460-853073/4	50.0	14.116333	50.0	494236.0	0.282327	Y
3	STD5 460-853073/6	50.0	13.905112	50.0	462988.0	0.278102	Y
4	STD20 460-853073/7	50.0	13.991113	50.0	453495.0	0.279822	Y
5	STD50 460-853073/8	50.0	14.154116	50.0	478511.0	0.283082	Y
6	STD200 460-853073/9	50.0	14.570044	50.0	539590.0	0.291401	Y
7	STD500 460-853073/10	50.0	14.053404	50.0	649163.0	0.281068	Y
8	STD1 460-853073/18	50.0	14.606127	50.0	493560.0	0.292123	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

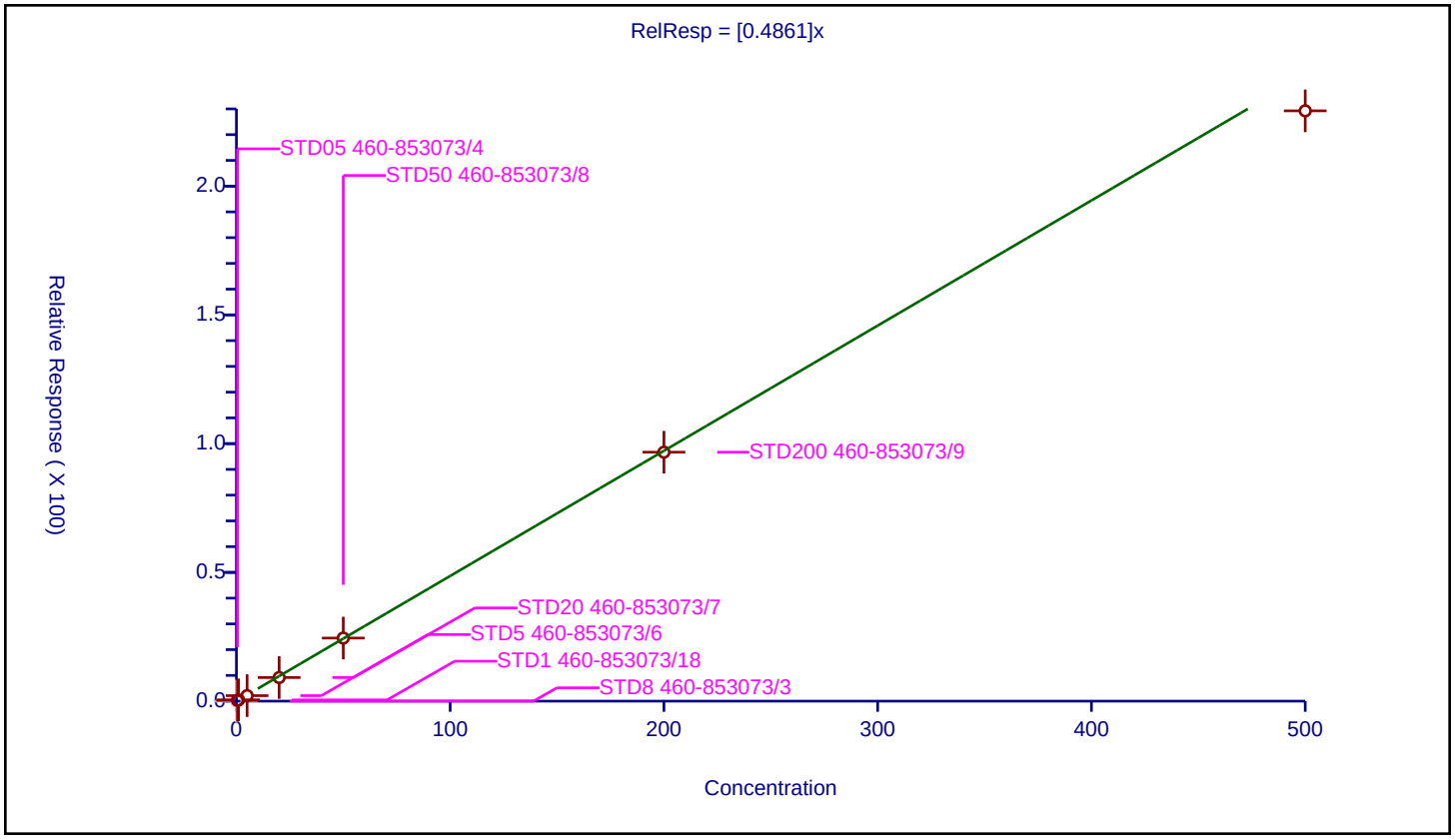
Curve Coefficients

Intercept:	0
Slope:	0.4861

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.303903	50.0	494236.0	0.607807	Y
3	STD1 460-853073/18	1.0	0.477348	50.0	493560.0	0.477348	Y
4	STD5 460-853073/6	5.0	2.136448	50.0	462988.0	0.42729	Y
5	STD20 460-853073/7	20.0	9.168238	50.0	453495.0	0.458412	Y
6	STD50 460-853073/8	50.0	24.498496	50.0	478511.0	0.48997	Y
7	STD200 460-853073/9	200.0	96.683964	50.0	539590.0	0.48342	Y
8	STD500 460-853073/10	500.0	229.249588	50.0	649163.0	0.458499	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

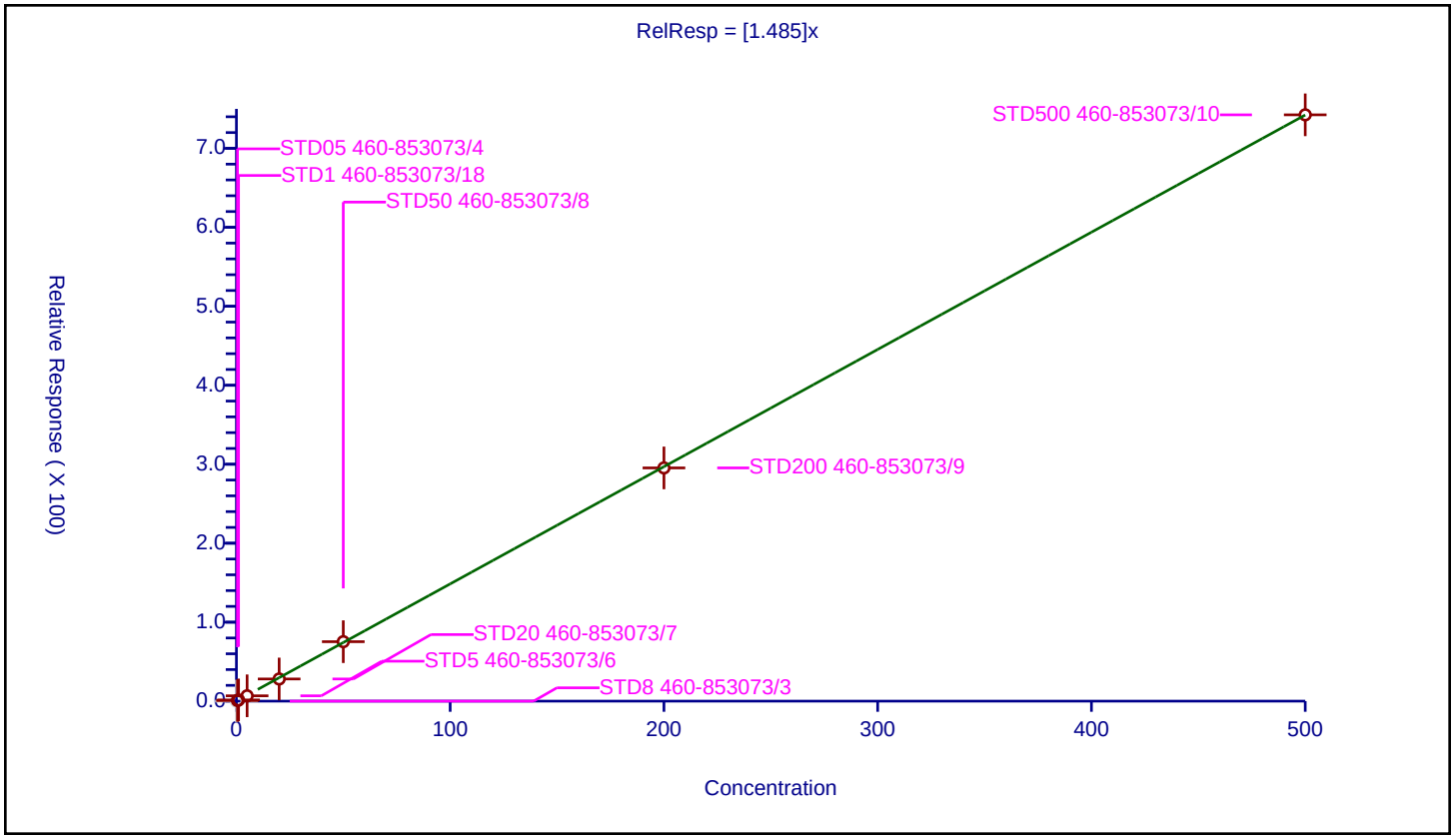
Curve Coefficients

Intercept:	0
Slope:	1.485

Error Coefficients

Standard Error:	4160000
Relative Standard Error:	6.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.833913	50.0	494236.0	1.667827	Y
3	STD1 460-853073/18	1.0	1.501844	50.0	493560.0	1.501844	Y
4	STD5 460-853073/6	5.0	6.755467	50.0	462988.0	1.351093	Y
5	STD20 460-853073/7	20.0	28.068336	50.0	453495.0	1.403417	Y
6	STD50 460-853073/8	50.0	75.309032	50.0	478511.0	1.506181	Y
7	STD200 460-853073/9	200.0	295.341926	50.0	539590.0	1.47671	Y
8	STD500 460-853073/10	500.0	742.485477	50.0	649163.0	1.484971	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

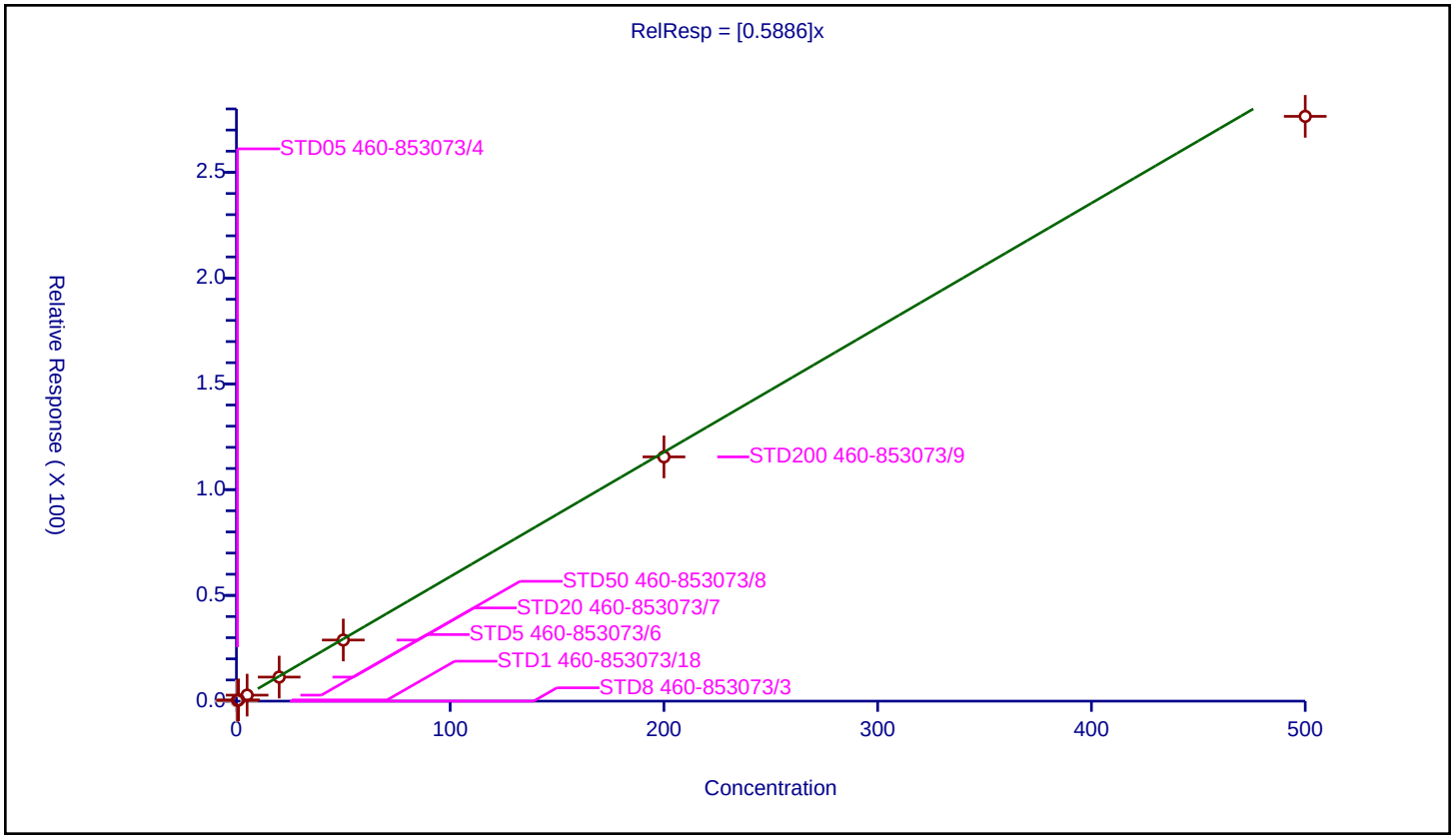
Curve Coefficients

Intercept:	0
Slope:	0.5886

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.349226	50.0	494236.0	0.698452	Y
3	STD1 460-853073/18	1.0	0.575817	50.0	493560.0	0.575817	Y
4	STD5 460-853073/6	5.0	2.84381	50.0	462988.0	0.568762	Y
5	STD20 460-853073/7	20.0	11.376972	50.0	453495.0	0.568849	Y
6	STD50 460-853073/8	50.0	28.897664	50.0	478511.0	0.577953	Y
7	STD200 460-853073/9	200.0	115.478975	50.0	539590.0	0.577395	Y
8	STD500 460-853073/10	500.0	276.470008	50.0	649163.0	0.55294	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

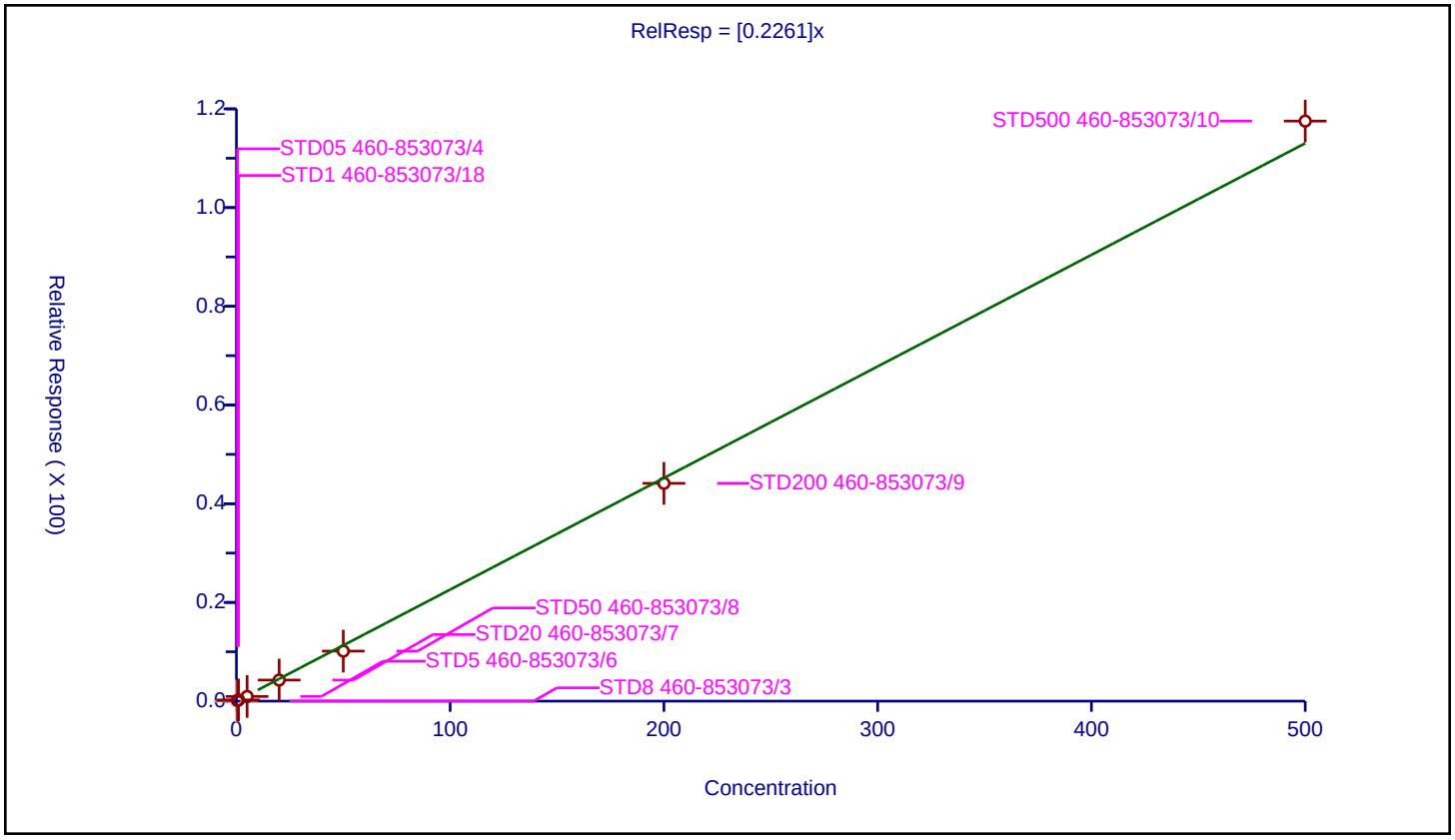
Curve Coefficients

Intercept:	0
Slope:	0.2261

Error Coefficients

Standard Error:	654000
Relative Standard Error:	13.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.139002	50.0	494236.0	0.278005	Y
3	STD1 460-853073/18	1.0	0.243233	50.0	493560.0	0.243233	Y
4	STD5 460-853073/6	5.0	0.946137	50.0	462988.0	0.189227	Y
5	STD20 460-853073/7	20.0	4.268735	50.0	453495.0	0.213437	Y
6	STD50 460-853073/8	50.0	10.13822	50.0	478511.0	0.202764	Y
7	STD200 460-853073/9	200.0	44.131007	50.0	539590.0	0.220655	Y
8	STD500 460-853073/10	500.0	117.527724	50.0	649163.0	0.235055	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

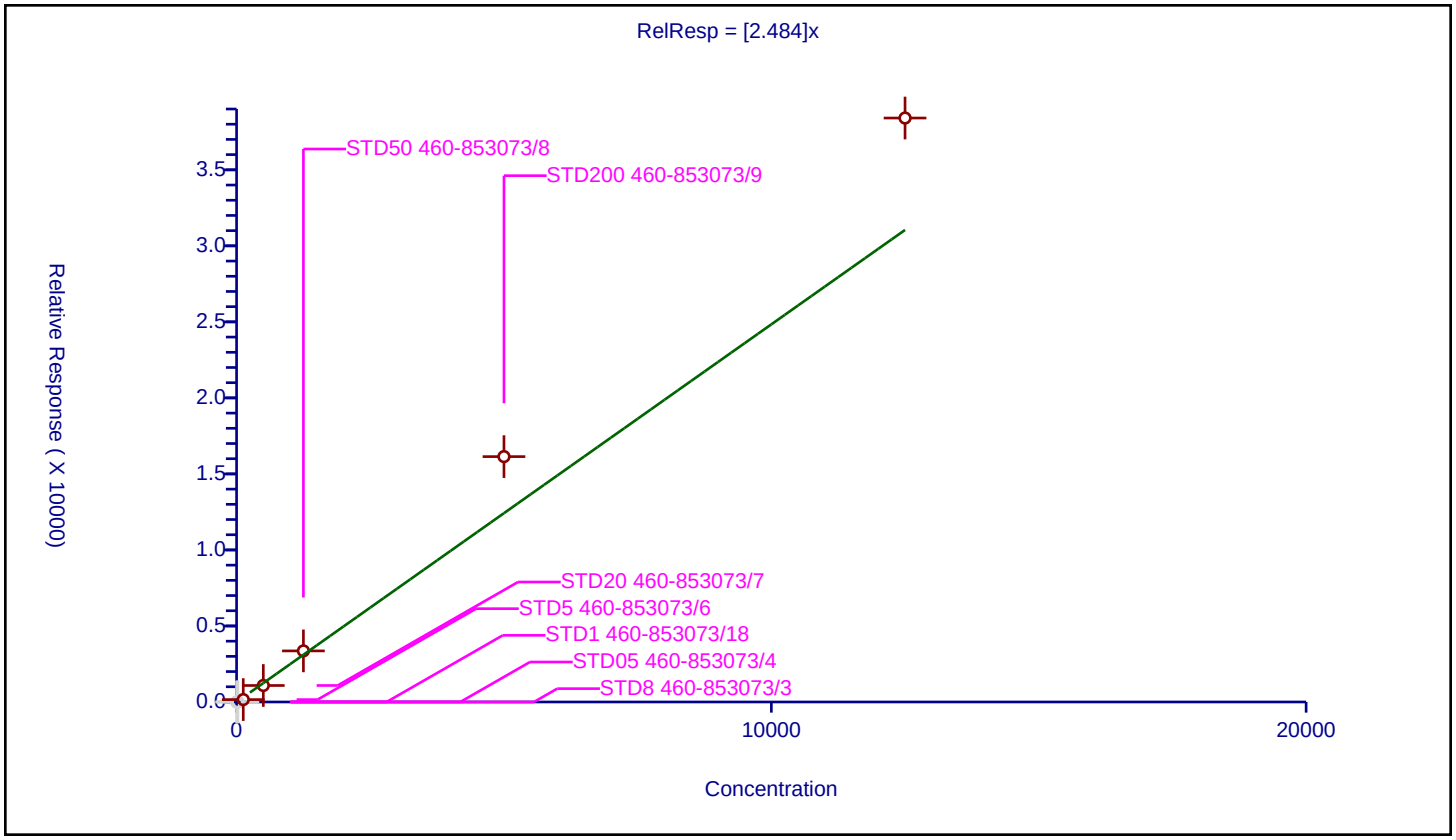
Curve Coefficients

Intercept:	0
Slope:	2.484

Error Coefficients

Standard Error:	944000
Relative Standard Error:	32.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.912

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	26942.0	NaN	N
2	STD05 460-853073/4	12.5	0.0	1000.0	32172.0	0.0	N
3	STD1 460-853073/18	25.0	0.0	1000.0	29695.0	0.0	N
4	STD5 460-853073/6	125.0	157.507481	1000.0	28405.0	1.26006	Y
5	STD20 460-853073/7	500.0	1084.988501	1000.0	28698.0	2.169977	Y
6	STD50 460-853073/8	1250.0	3360.208432	1000.0	31665.0	2.688167	Y
7	STD200 460-853073/9	5000.0	16138.695604	1000.0	36216.0	3.227739	Y
8	STD500 460-853073/10	12500.0	38407.461118	1000.0	47580.0	3.072597	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

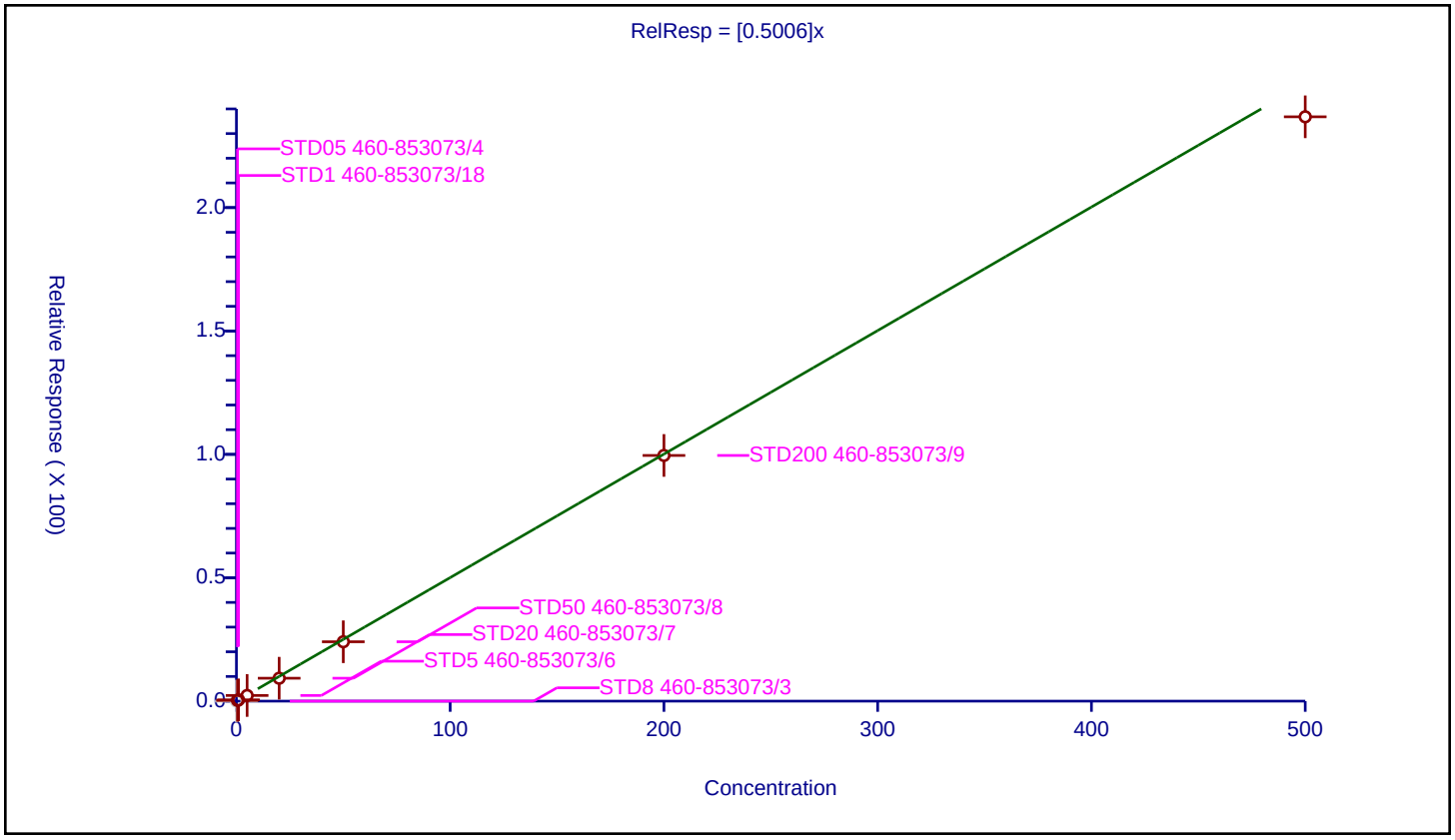
Curve Coefficients

Intercept:	0
Slope:	0.5006

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	10.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.30532	50.0	494236.0	0.610639	Y
3	STD1 460-853073/18	1.0	0.517364	50.0	493560.0	0.517364	Y
4	STD5 460-853073/6	5.0	2.2952	50.0	462988.0	0.45904	Y
5	STD20 460-853073/7	20.0	9.283234	50.0	453495.0	0.464162	Y
6	STD50 460-853073/8	50.0	24.068412	50.0	478511.0	0.481368	Y
7	STD200 460-853073/9	200.0	99.565874	50.0	539590.0	0.497829	Y
8	STD500 460-853073/10	500.0	236.792146	50.0	649163.0	0.473584	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

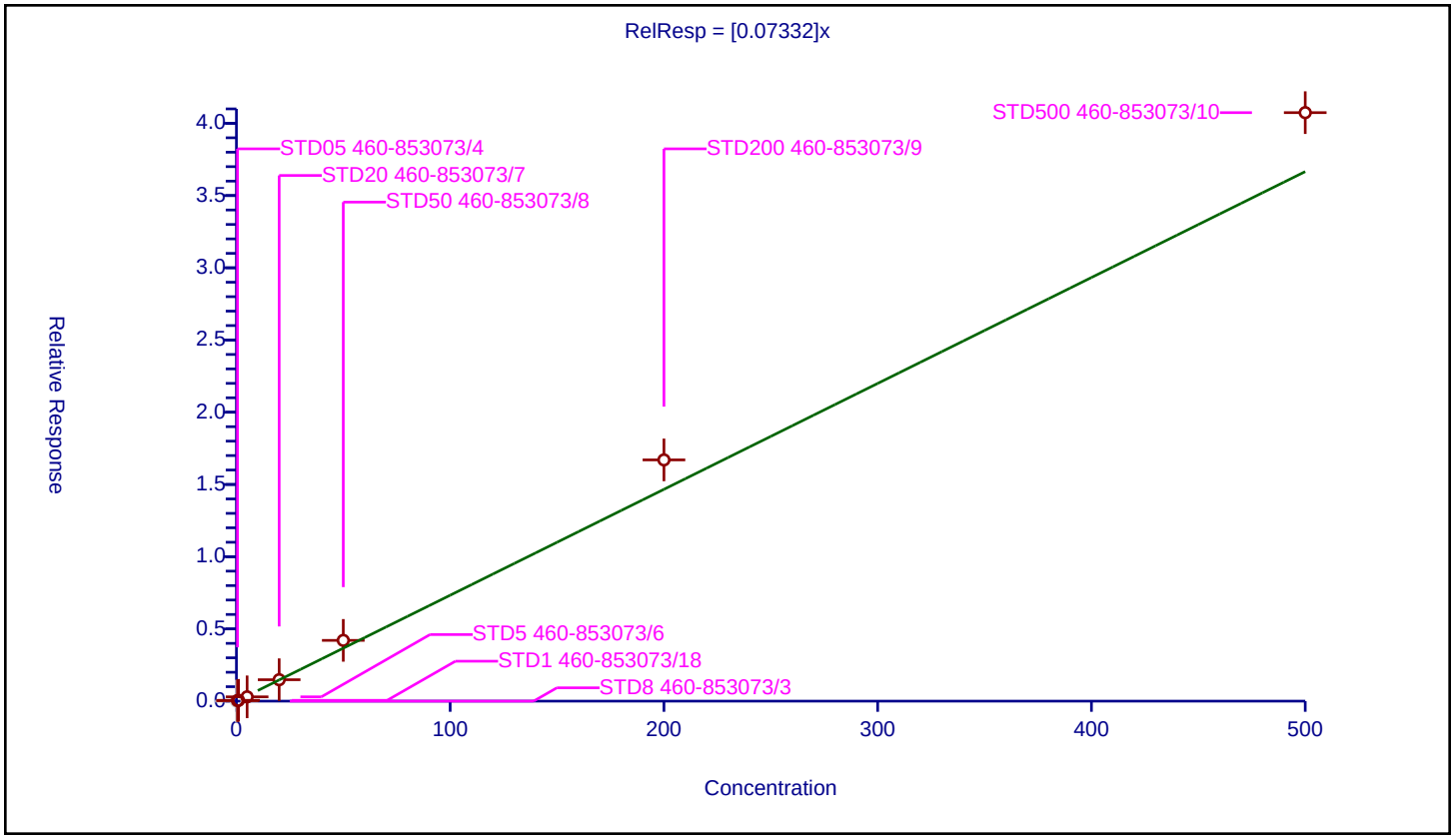
Curve Coefficients

Intercept:	0
Slope:	0.07332

Error Coefficients

Standard Error:	229000
Relative Standard Error:	15.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.037027	50.0	494236.0	0.074054	Y
3	STD1 460-853073/18	1.0	0.056224	50.0	493560.0	0.056224	Y
4	STD5 460-853073/6	5.0	0.298388	50.0	462988.0	0.059678	Y
5	STD20 460-853073/7	20.0	1.482707	50.0	453495.0	0.074135	Y
6	STD50 460-853073/8	50.0	4.2068	50.0	478511.0	0.084136	Y
7	STD200 460-853073/9	200.0	16.700643	50.0	539590.0	0.083503	Y
8	STD500 460-853073/10	500.0	40.740076	50.0	649163.0	0.08148	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

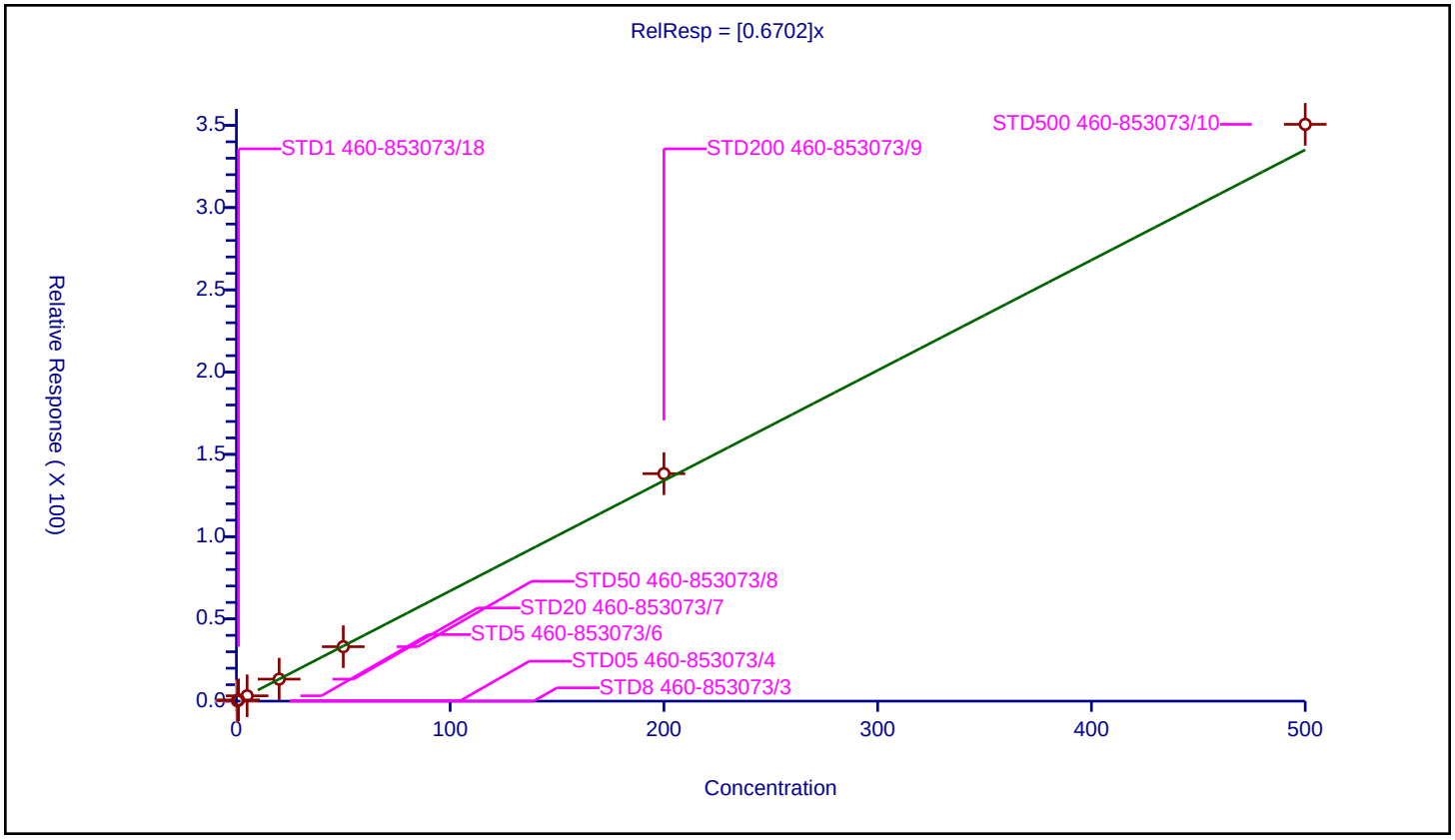
Curve Coefficients

Intercept:	0
Slope:	0.6702

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	6.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.293281	50.0	494236.0	0.586562	Y
3	STD1 460-853073/18	1.0	0.731725	50.0	493560.0	0.731725	Y
4	STD5 460-853073/6	5.0	3.251056	50.0	462988.0	0.650211	Y
5	STD20 460-853073/7	20.0	13.373466	50.0	453495.0	0.668673	Y
6	STD50 460-853073/8	50.0	33.097045	50.0	478511.0	0.661941	Y
7	STD200 460-853073/9	200.0	138.266369	50.0	539590.0	0.691332	Y
8	STD500 460-853073/10	500.0	350.616024	50.0	649163.0	0.701232	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

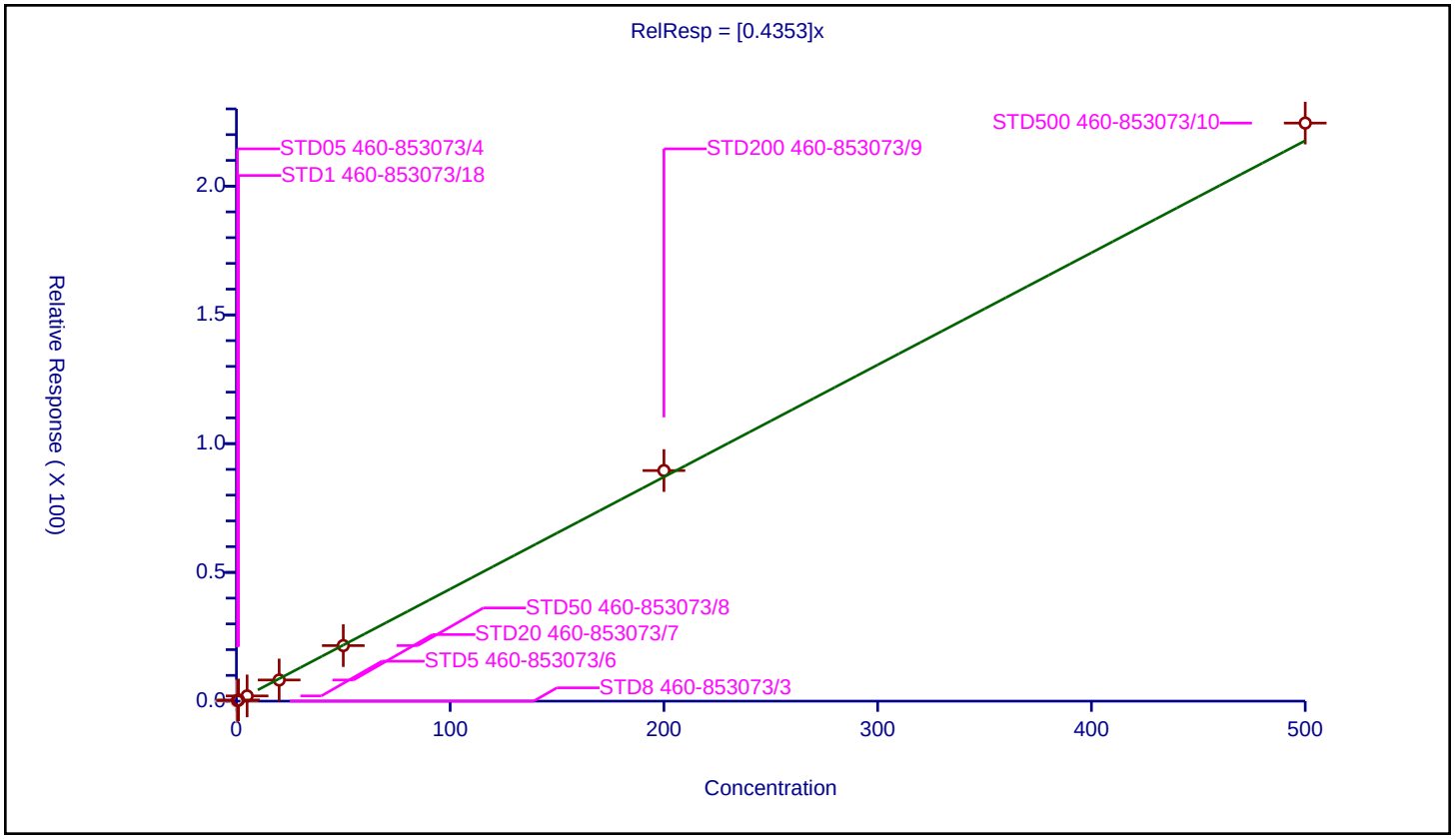
Curve Coefficients

Intercept:	0
Slope:	0.4353

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	4.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.224488	50.0	494236.0	0.448976	Y
3	STD1 460-853073/18	1.0	0.452934	50.0	493560.0	0.452934	Y
4	STD5 460-853073/6	5.0	2.032774	50.0	462988.0	0.406555	Y
5	STD20 460-853073/7	20.0	8.212549	50.0	453495.0	0.410627	Y
6	STD50 460-853073/8	50.0	21.573067	50.0	478511.0	0.431461	Y
7	STD200 460-853073/9	200.0	89.547434	50.0	539590.0	0.447737	Y
8	STD500 460-853073/10	500.0	224.491923	50.0	649163.0	0.448984	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

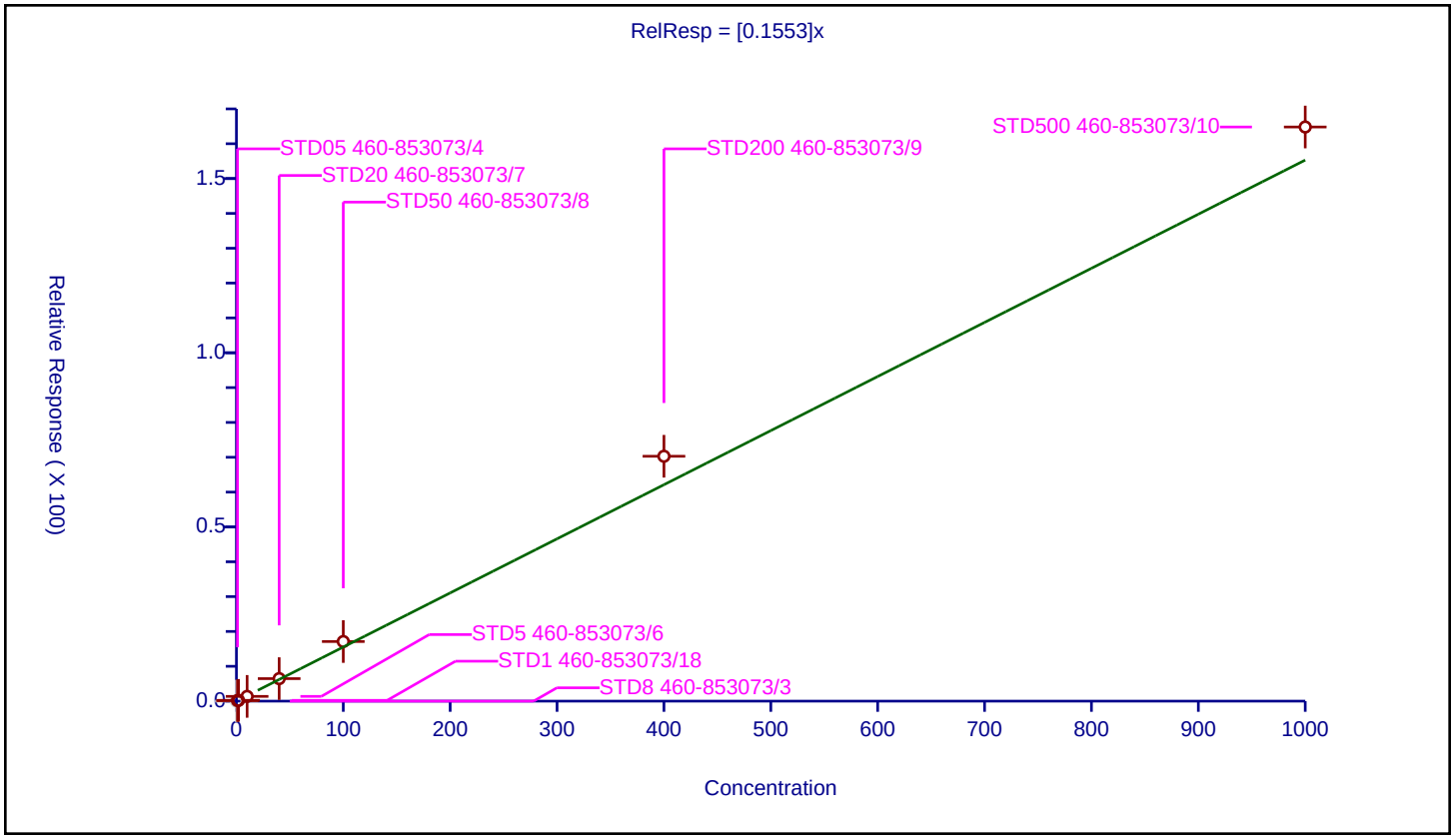
Curve Coefficients

Intercept:	0
Slope:	0.1553

Error Coefficients

Standard Error:	929000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	1.0	0.166216	50.0	494236.0	0.166216	Y
3	STD1 460-853073/18	2.0	0.221756	50.0	493560.0	0.110878	Y
4	STD5 460-853073/6	10.0	1.36699	50.0	462988.0	0.136699	Y
5	STD20 460-853073/7	40.0	6.467657	50.0	453495.0	0.161691	Y
6	STD50 460-853073/8	100.0	17.111205	50.0	478511.0	0.171112	Y
7	STD200 460-853073/9	400.0	70.293649	50.0	539590.0	0.175734	Y
8	STD500 460-853073/10	1000.0	164.798903	50.0	649163.0	0.164799	Y



Calibration / 1,4-Dioxane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

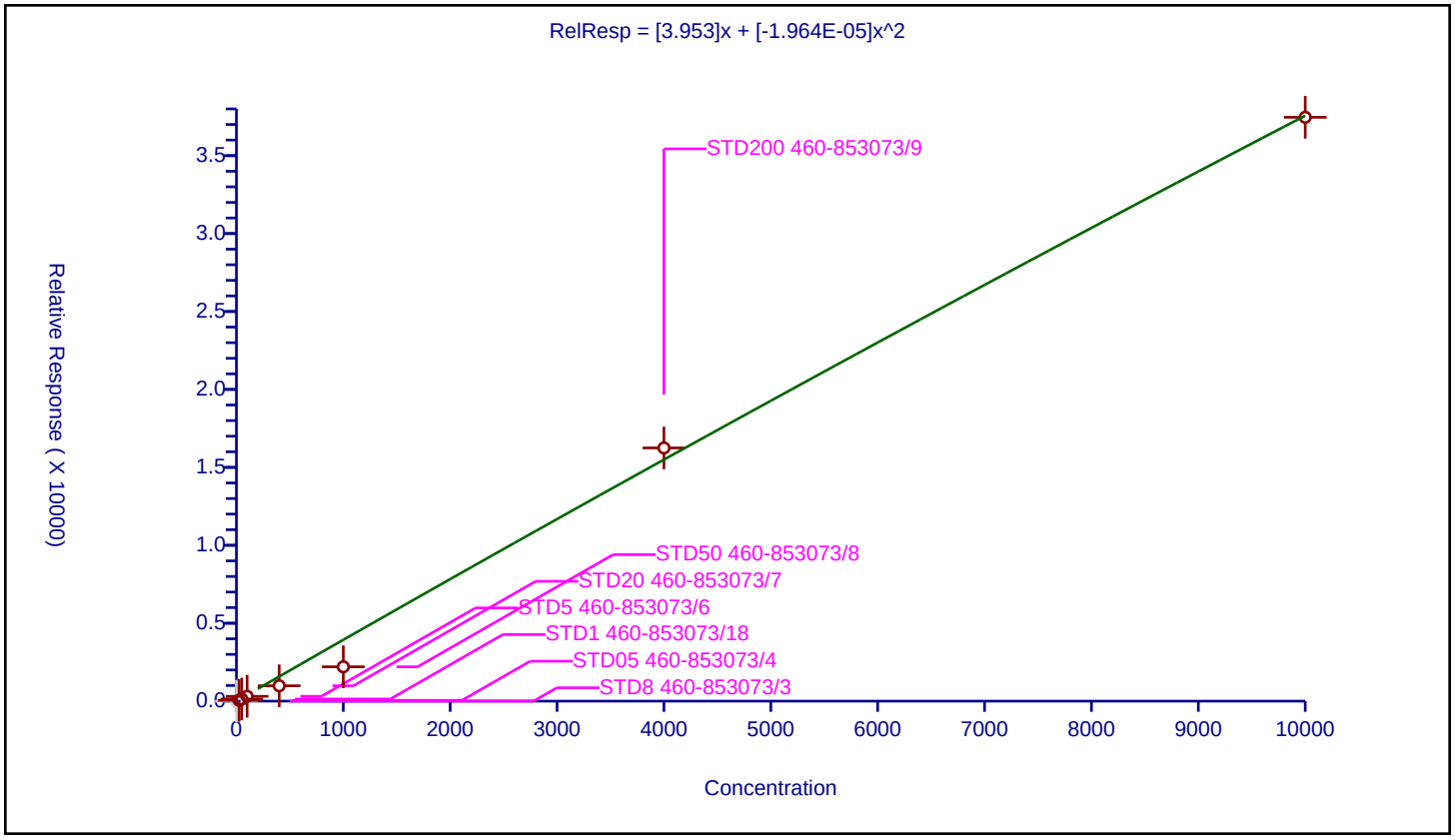
Curve Coefficients

Intercept:	0
Slope:	3.953
Second Order:	-1.964E-05

Error Coefficients

Standard Error:	257000
Relative Standard Error:	37.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	1000.0	15921.0	NaN	N
2	STD05 460-853073/4	25.000031	52.899134	1000.0	19868.0	2.115963	Y
3	STD1 460-853073/18	50.000062	135.2537	1000.0	18920.0	2.705071	Y
4	STD5 460-853073/6	100.0	308.983614	1000.0	17454.0	3.089836	Y
5	STD20 460-853073/7	400.0	984.429431	1000.0	18946.0	2.461074	Y
6	STD50 460-853073/8	1000.0	2203.657225	1000.0	22312.0	2.203657	Y
7	STD200 460-853073/9	4000.0	16245.341112	1000.0	12342.0	4.061335	Y
8	STD500 460-853073/10	10000.0	37461.35453	1000.0	15474.0	3.746135	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

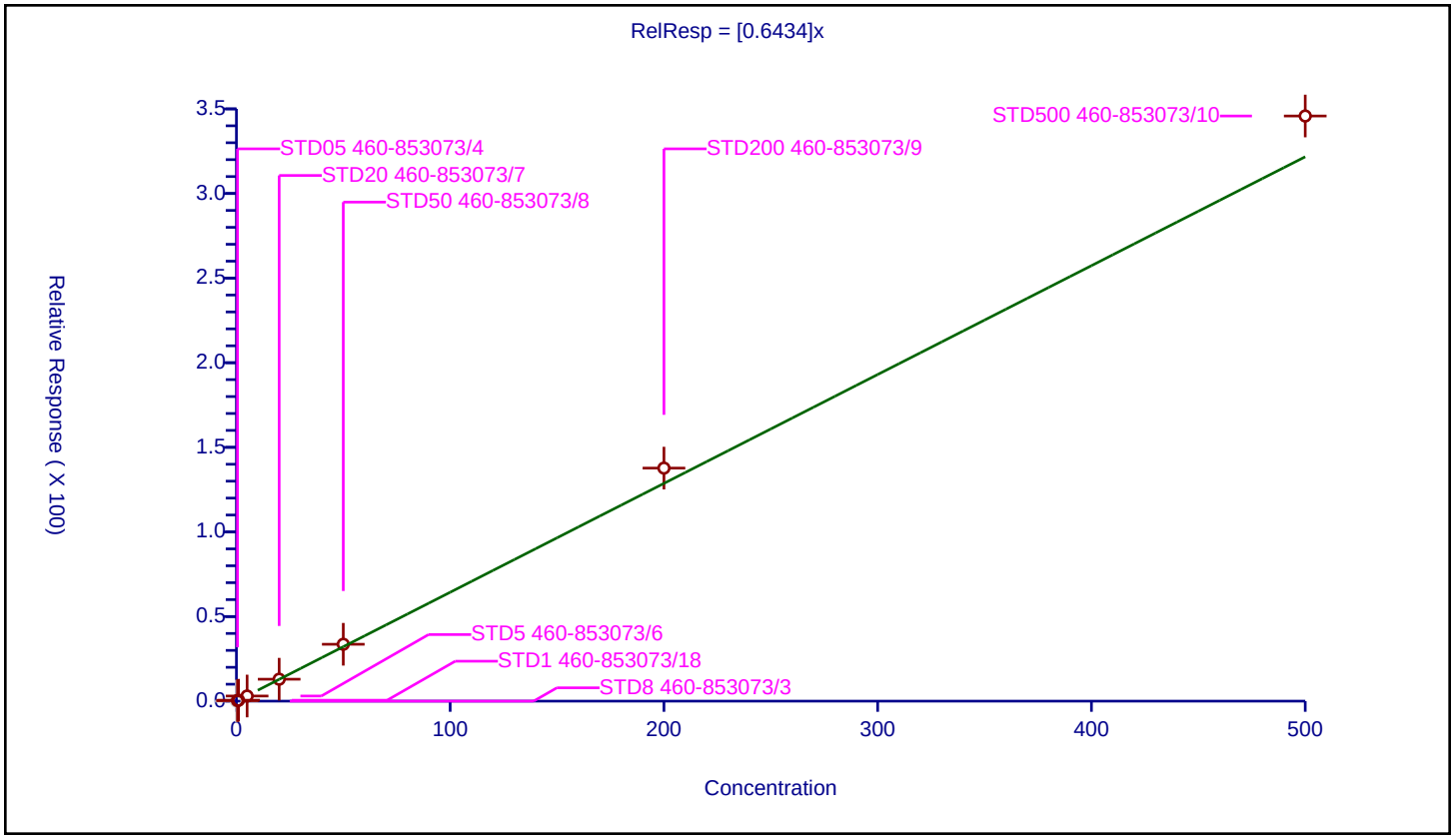
Curve Coefficients

Intercept:	0
Slope:	0.6434

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	8.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.32707	50.0	494236.0	0.654141	Y
3	STD1 460-853073/18	1.0	0.54269	50.0	493560.0	0.54269	Y
4	STD5 460-853073/6	5.0	3.033664	50.0	462988.0	0.606733	Y
5	STD20 460-853073/7	20.0	12.956372	50.0	453495.0	0.647819	Y
6	STD50 460-853073/8	50.0	33.612602	50.0	478511.0	0.672252	Y
7	STD200 460-853073/9	200.0	137.720584	50.0	539590.0	0.688603	Y
8	STD500 460-853073/10	500.0	345.800592	50.0	649163.0	0.691601	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

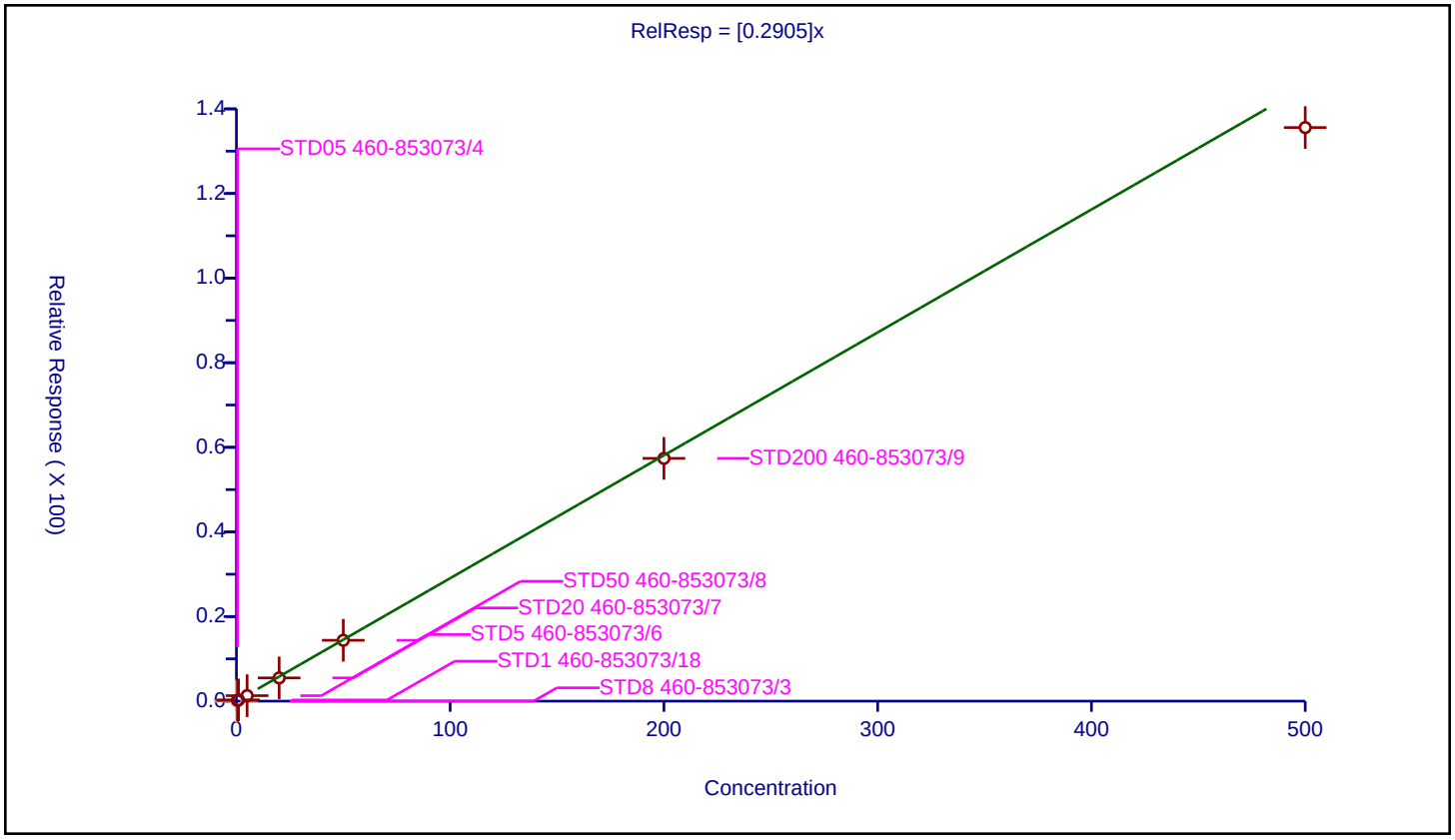
Curve Coefficients

Intercept:	0
Slope:	0.2905

Error Coefficients

Standard Error:	764000
Relative Standard Error:	13.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.186854	50.0	494236.0	0.373708	Y
3	STD1 460-853073/18	1.0	0.280614	50.0	493560.0	0.280614	Y
4	STD5 460-853073/6	5.0	1.294526	50.0	462988.0	0.258905	Y
5	STD20 460-853073/7	20.0	5.495981	50.0	453495.0	0.274799	Y
6	STD50 460-853073/8	50.0	14.381906	50.0	478511.0	0.287638	Y
7	STD200 460-853073/9	200.0	57.381901	50.0	539590.0	0.28691	Y
8	STD500 460-853073/10	500.0	135.586363	50.0	649163.0	0.271173	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

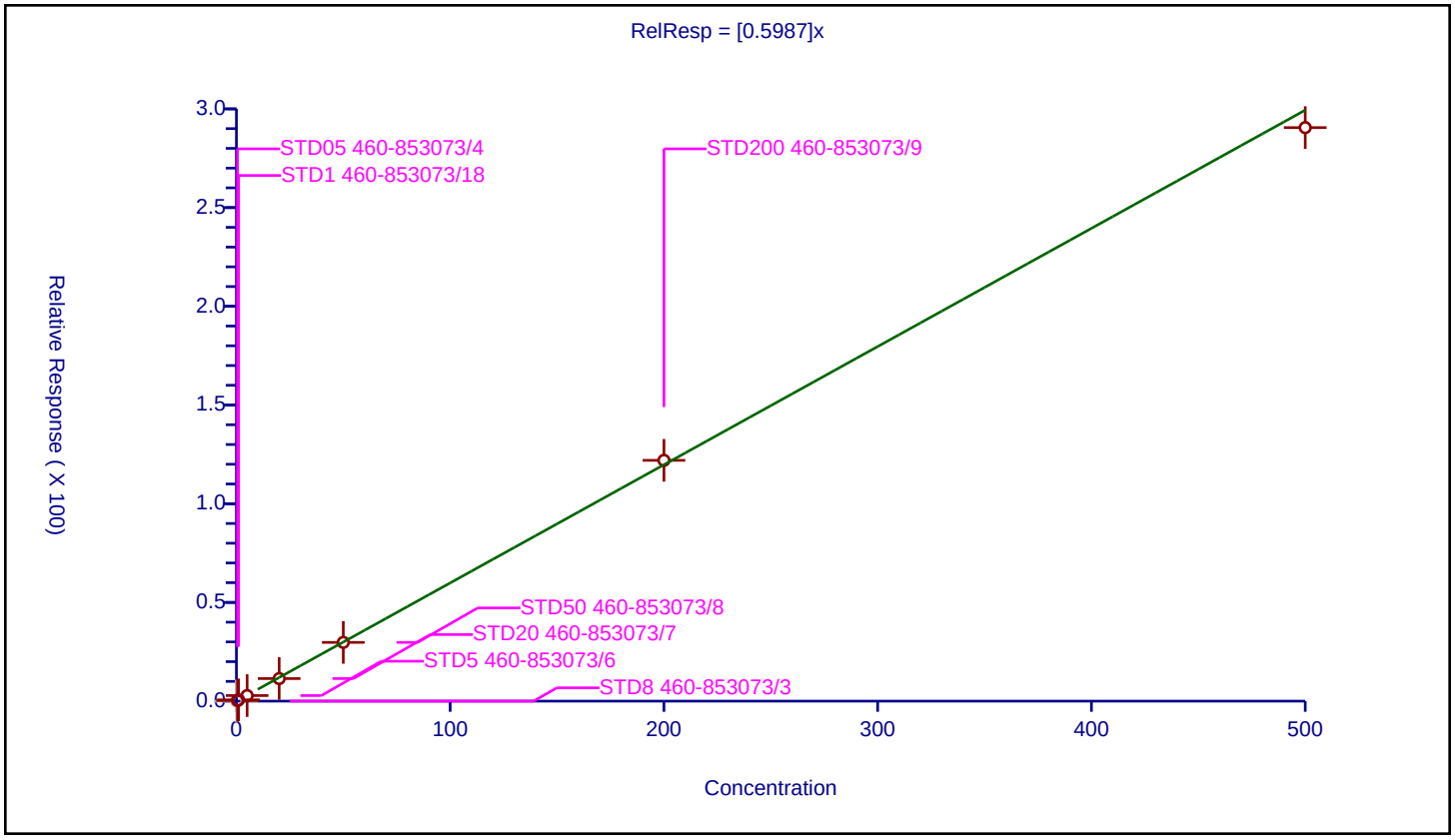
Curve Coefficients

Intercept:	0
Slope:	0.5987

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5	0.306635	50.0	494236.0	0.61327	Y
3	STD1 460-853073/18	1.0	0.655746	50.0	493560.0	0.655746	Y
4	STD5 460-853073/6	5.0	2.823615	50.0	462988.0	0.564723	Y
5	STD20 460-853073/7	20.0	11.429674	50.0	453495.0	0.571484	Y
6	STD50 460-853073/8	50.0	29.751354	50.0	478511.0	0.595027	Y
7	STD200 460-853073/9	200.0	121.975667	50.0	539590.0	0.609878	Y
8	STD500 460-853073/10	500.0	290.51571	50.0	649163.0	0.581031	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

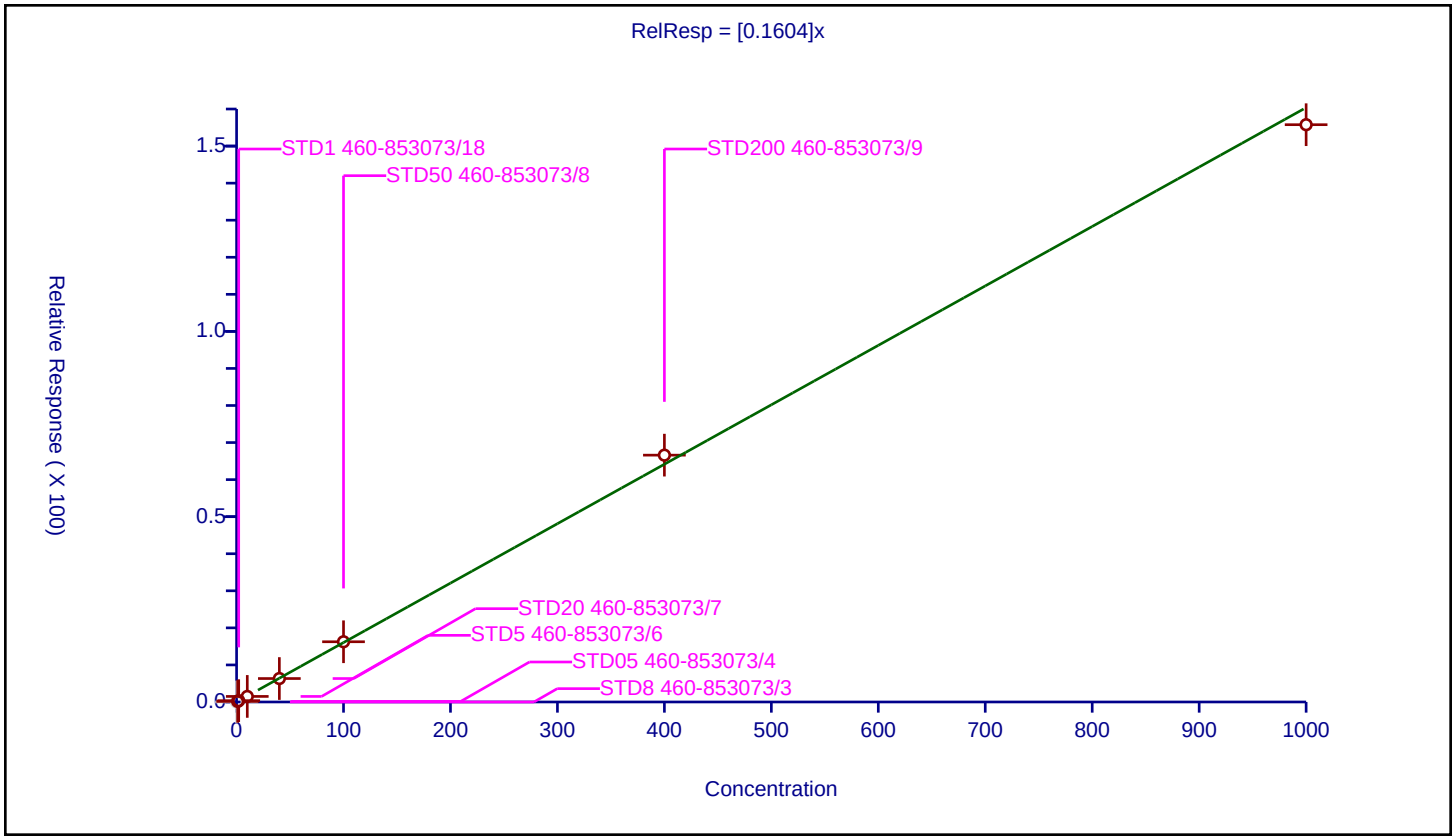
Curve Coefficients

Intercept:	0
Slope:	0.1604

Error Coefficients

Standard Error:	879000
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 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	1.0	0.151547	50.0	494236.0	0.151547	Y
3	STD1 460-853073/18	2.0	0.35558	50.0	493560.0	0.17779	Y
4	STD5 460-853073/6	10.0	1.503063	50.0	462988.0	0.150306	Y
5	STD20 460-853073/7	40.0	6.328184	50.0	453495.0	0.158205	Y
6	STD50 460-853073/8	100.0	16.253127	50.0	478511.0	0.162531	Y
7	STD200 460-853073/9	400.0	66.60381	50.0	539590.0	0.16651	Y
8	STD500 460-853073/10	1000.0	155.767966	50.0	649163.0	0.155768	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

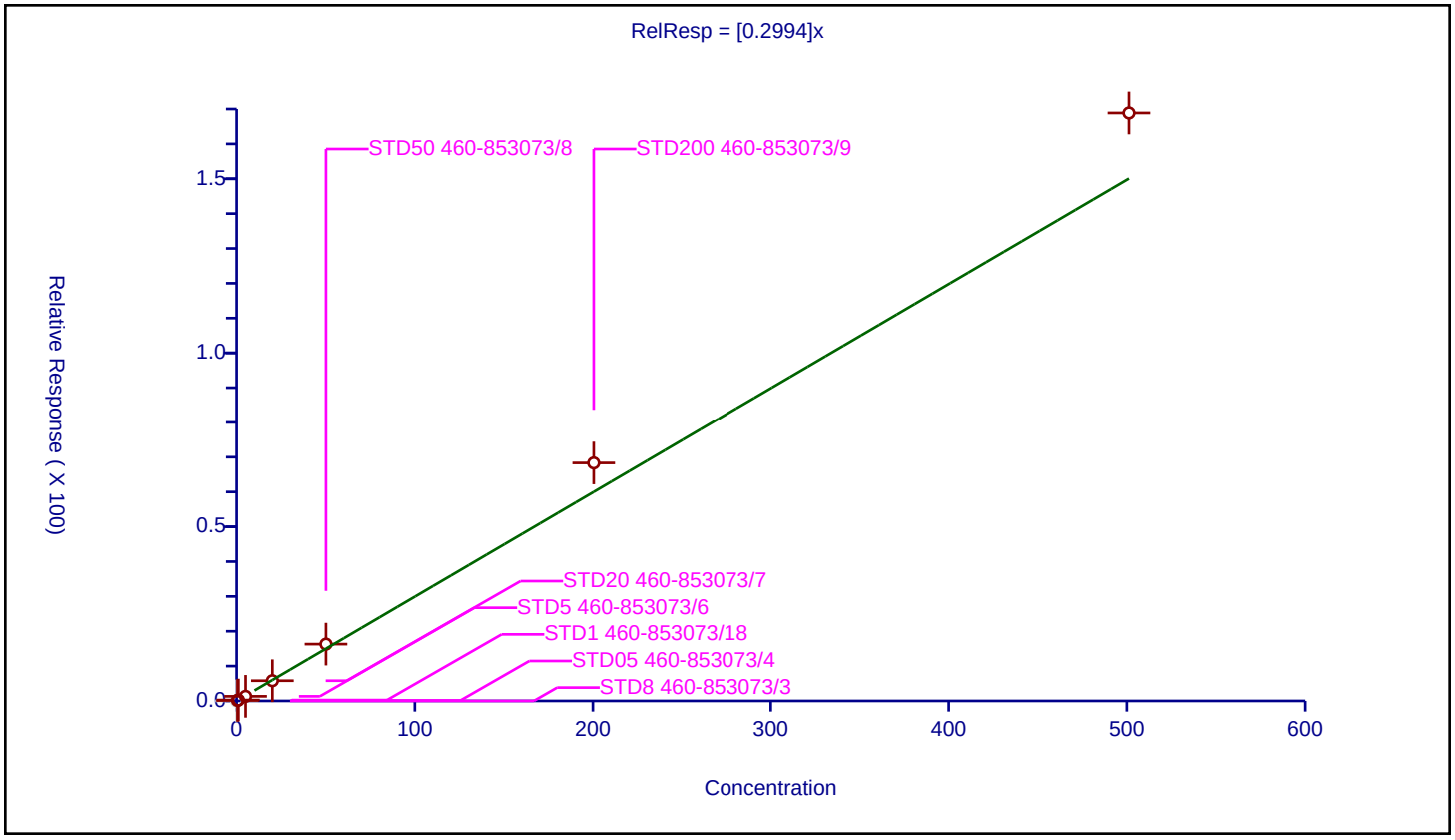
Curve Coefficients

Intercept:	0
Slope:	0.2994

Error Coefficients

Standard Error:	947000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	499094.0	NaN	N
2	STD05 460-853073/4	0.5012	0.142543	50.0	494236.0	0.284404	Y
3	STD1 460-853073/18	1.0024	0.256605	50.0	493560.0	0.255991	Y
4	STD5 460-853073/6	5.012	1.318393	50.0	462988.0	0.263047	Y
5	STD20 460-853073/7	20.048	5.797528	50.0	453495.0	0.289182	Y
6	STD50 460-853073/8	50.12	16.311119	50.0	478511.0	0.325441	Y
7	STD200 460-853073/9	200.48	68.343928	50.0	539590.0	0.340901	Y
8	STD500 460-853073/10	501.2	168.86822	50.0	649163.0	0.336928	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

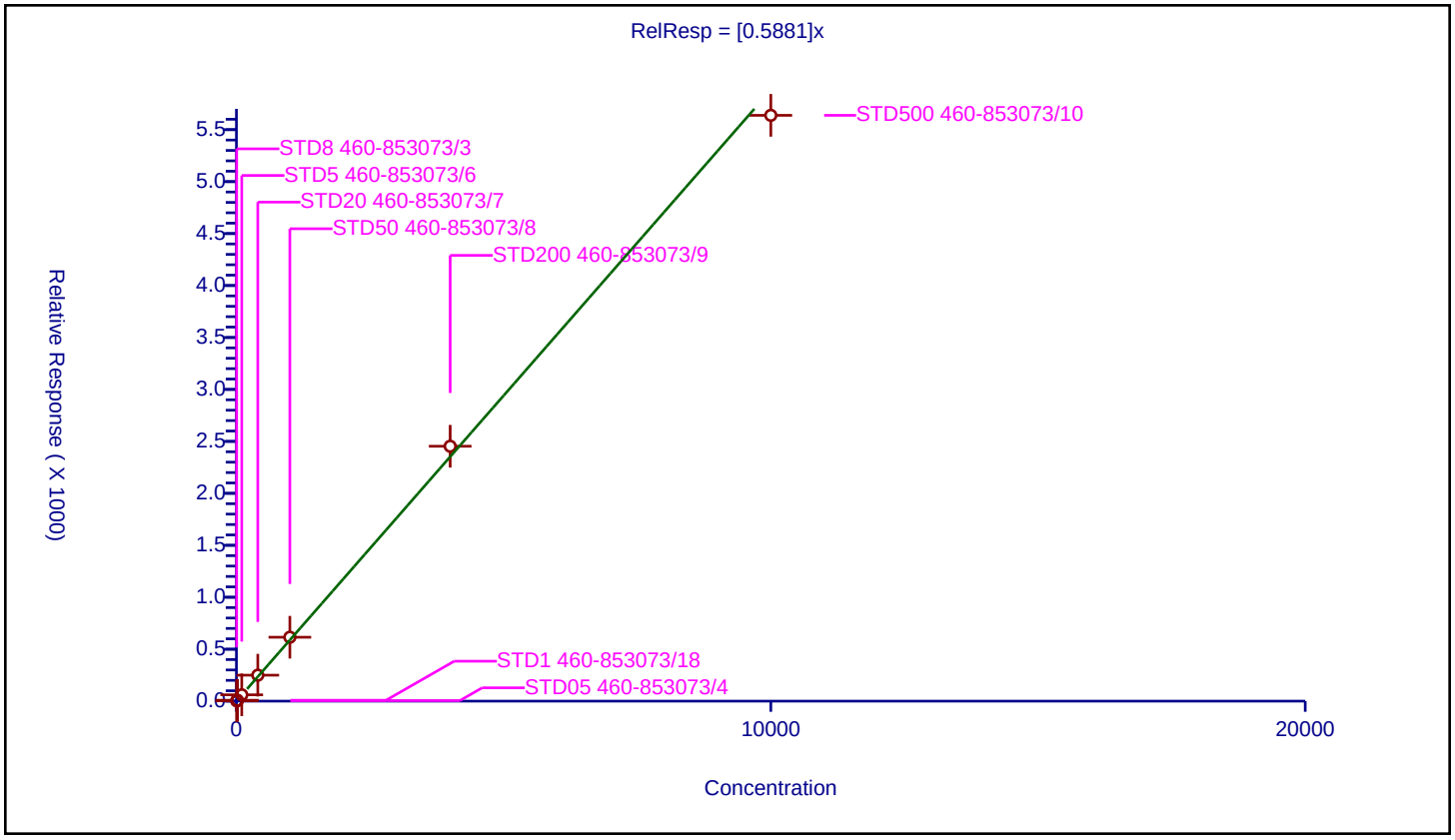
Curve Coefficients

Intercept:	0
Slope:	0.5881

Error Coefficients

Standard Error:	2930000
Relative Standard Error:	15.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	5.000009	3.707344	250.0	187196.0	0.741468	Y
2	STD05 460-853073/4	10.000017	5.111058	250.0	214437.0	0.511105	Y
3	STD1 460-853073/18	20.000035	8.520039	250.0	213438.0	0.426001	Y
4	STD5 460-853073/6	100.000173	60.975277	250.0	183353.0	0.609752	Y
5	STD20 460-853073/7	400.000692	249.79061	250.0	186255.0	0.624475	Y
6	STD50 460-853073/8	1000.00173	614.958656	250.0	210430.0	0.614958	Y
7	STD200 460-853073/9	4000.00692	2453.348316	250.0	246288.0	0.613336	Y
8	STD500 460-853073/10	10000.0173	5638.025402	250.0	326583.0	0.563802	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

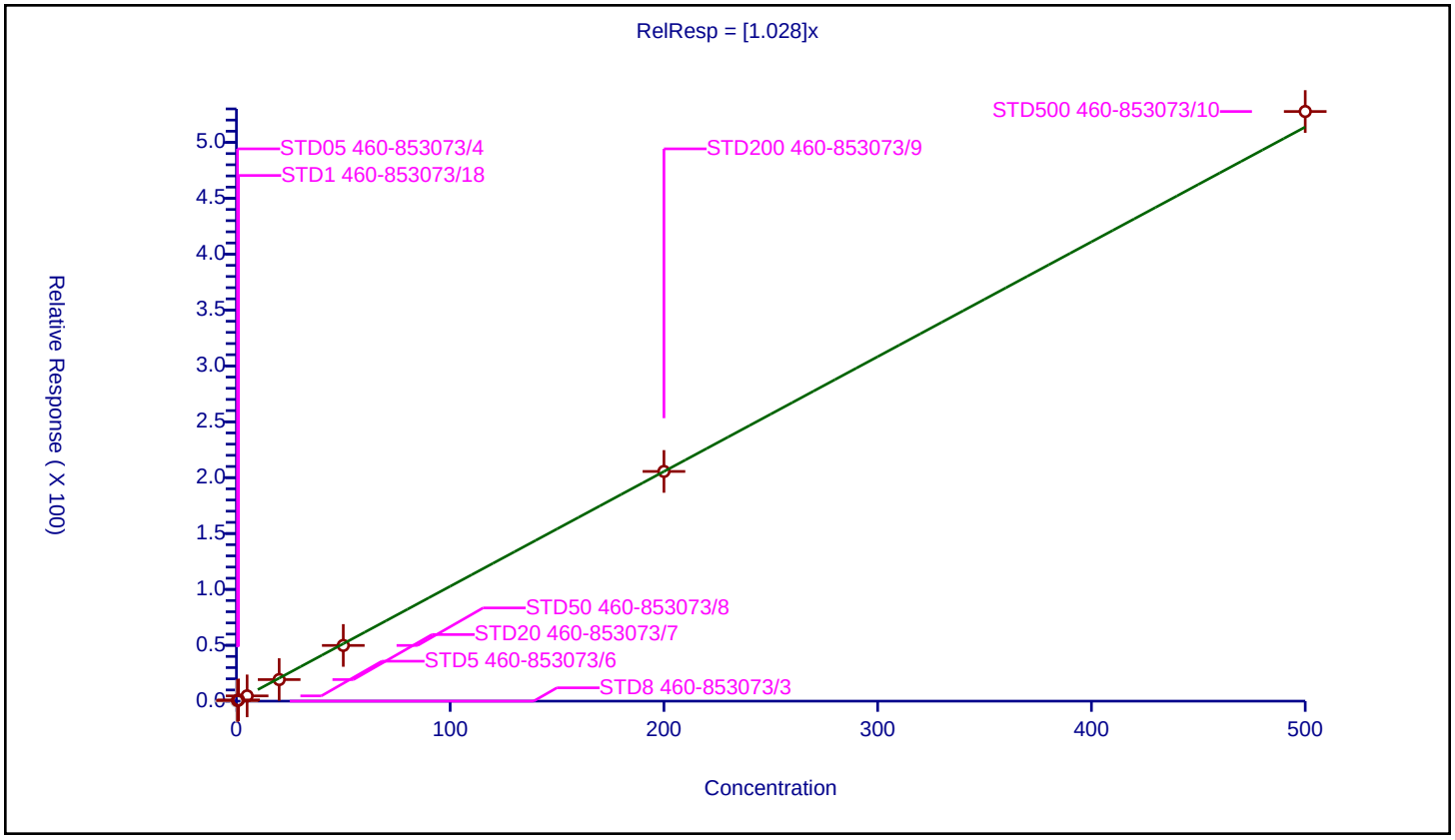
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.556843	50.0	365812.0	1.113687	Y
3	STD1 460-853073/18	1.0	1.091293	50.0	380512.0	1.091293	Y
4	STD5 460-853073/6	5.0	4.713745	50.0	357391.0	0.942749	Y
5	STD20 460-853073/7	20.0	19.301207	50.0	354540.0	0.96506	Y
6	STD50 460-853073/8	50.0	49.841686	50.0	386889.0	0.996834	Y
7	STD200 460-853073/9	200.0	205.569698	50.0	421908.0	1.027848	Y
8	STD500 460-853073/10	500.0	527.668907	50.0	484215.0	1.055338	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

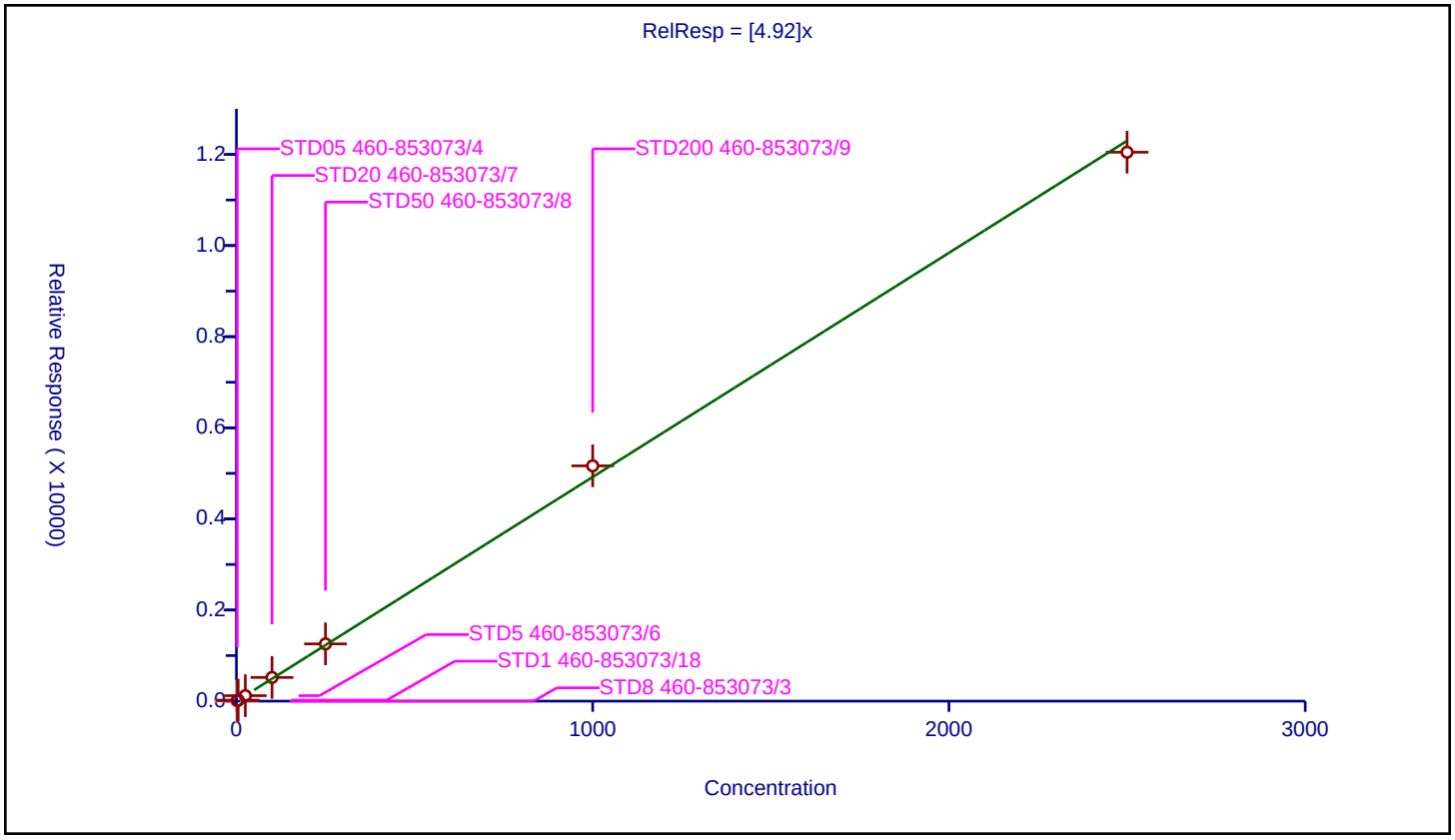
Curve Coefficients

Intercept:	0
Slope:	4.92

Error Coefficients

Standard Error:	6760000
Relative Standard Error:	6.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	2.5	12.664559	250.0	214437.0	5.065824	Y
3	STD1 460-853073/18	5.0	21.752218	250.0	213438.0	4.350444	Y
4	STD5 460-853073/6	25.0	120.366179	250.0	183353.0	4.814647	Y
5	STD20 460-853073/7	100.0	519.739067	250.0	186255.0	5.197391	Y
6	STD50 460-853073/8	250.0	1256.461769	250.0	210430.0	5.025847	Y
7	STD200 460-853073/9	1000.0	5165.142029	250.0	246288.0	5.165142	Y
8	STD500 460-853073/10	2500.0	12048.678284	250.0	326583.0	4.819471	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

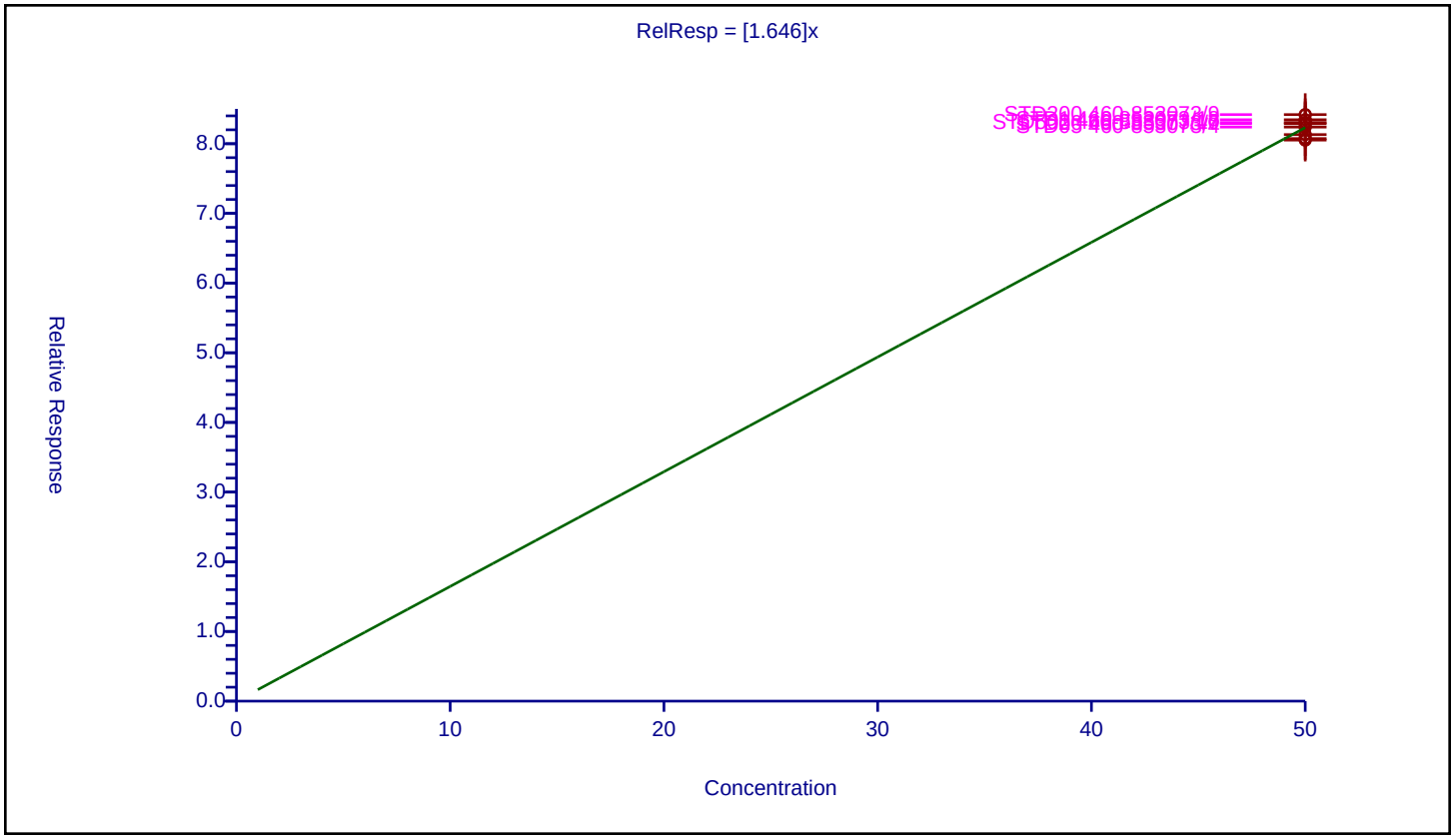
Curve Coefficients

Intercept:	0
Slope:	1.646

Error Coefficients

Standard Error:	692000
Relative Standard Error:	1.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	50.0	81.310234	50.0	373025.0	1.626205	Y
2	STD05 460-853073/4	50.0	82.387264	50.0	365812.0	1.647745	Y
3	STD5 460-853073/6	50.0	80.740981	50.0	357391.0	1.61482	Y
4	STD20 460-853073/7	50.0	82.871044	50.0	354540.0	1.657421	Y
5	STD50 460-853073/8	50.0	80.524388	50.0	386889.0	1.610488	Y
6	STD200 460-853073/9	50.0	84.176882	50.0	421908.0	1.683538	Y
7	STD500 460-853073/10	50.0	83.037287	50.0	484215.0	1.660746	Y
8	STD1 460-853073/18	50.0	83.445463	50.0	380512.0	1.668909	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

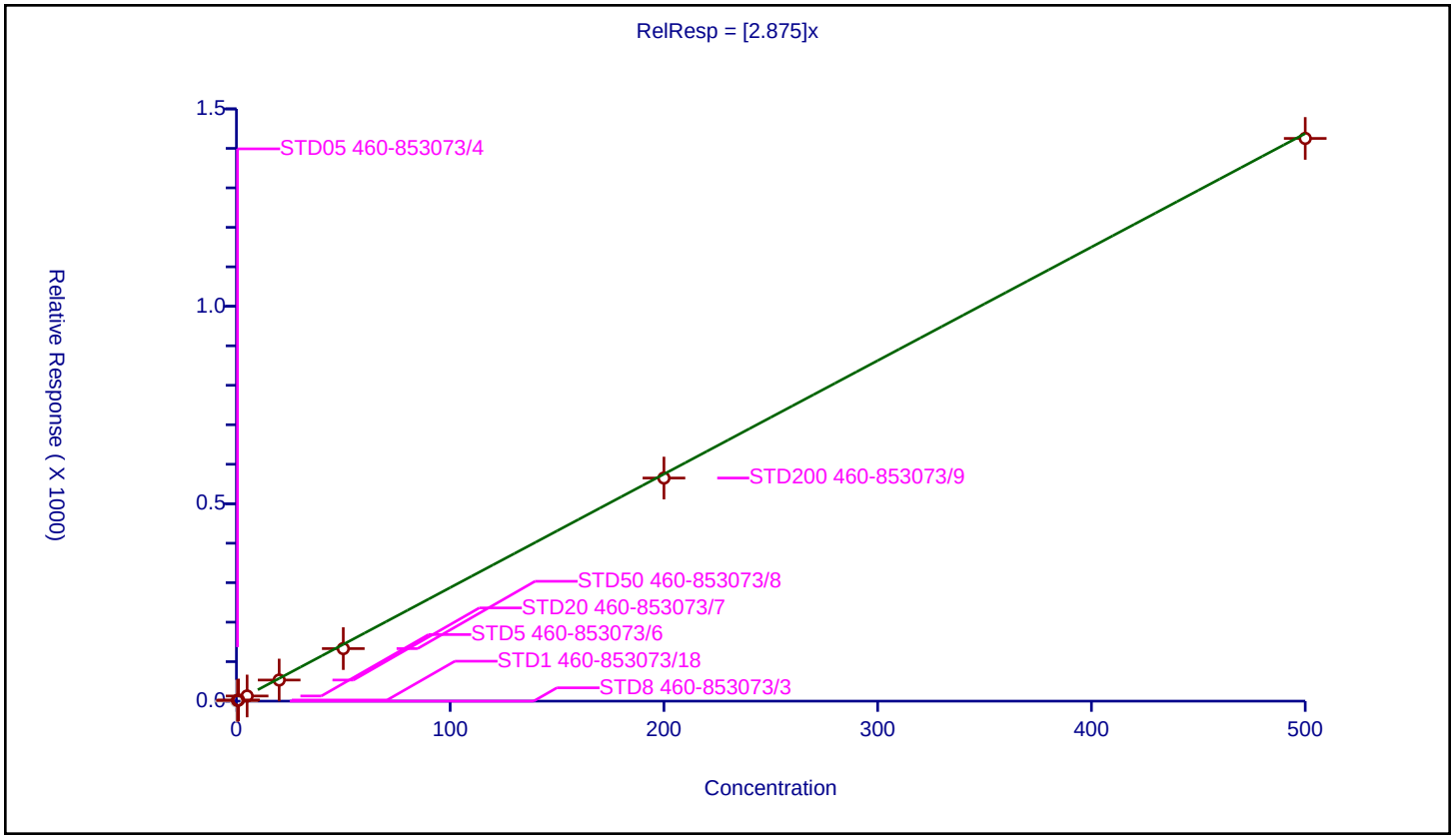
Curve Coefficients

Intercept:	0
Slope:	2.875

Error Coefficients

Standard Error:	5980000
Relative Standard Error:	12.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	1.838923	50.0	365812.0	3.677845	Y
3	STD1 460-853073/18	1.0	2.834076	50.0	380512.0	2.834076	Y
4	STD5 460-853073/6	5.0	13.019354	50.0	357391.0	2.603871	Y
5	STD20 460-853073/7	20.0	53.460258	50.0	354540.0	2.673013	Y
6	STD50 460-853073/8	50.0	133.050823	50.0	386889.0	2.661016	Y
7	STD200 460-853073/9	200.0	565.042616	50.0	421908.0	2.825213	Y
8	STD500 460-853073/10	500.0	1425.186126	50.0	484215.0	2.850372	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

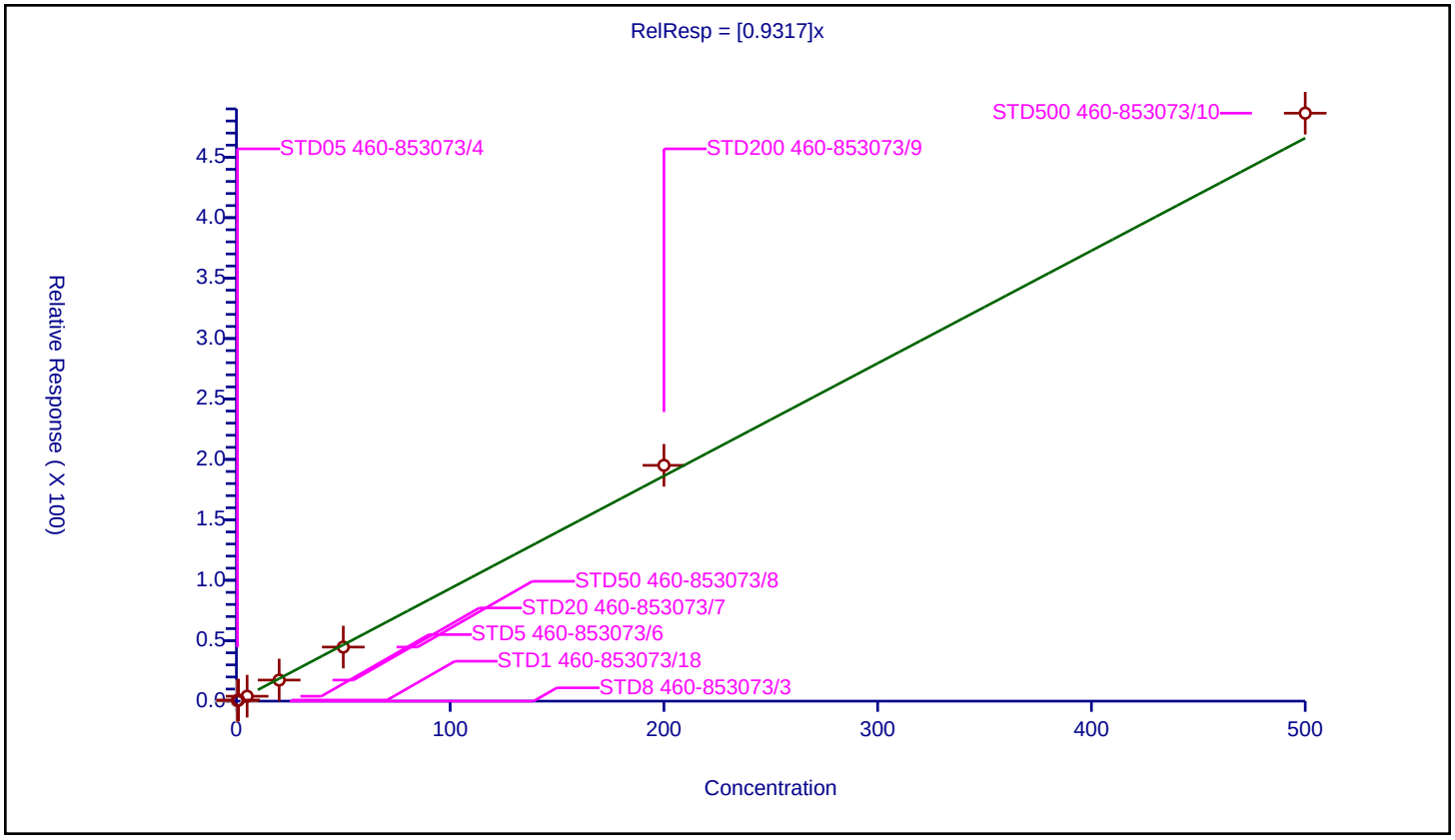
Curve Coefficients

Intercept:	0
Slope:	0.9317

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.544815	50.0	365812.0	1.089631	Y
3	STD1 460-853073/18	1.0	0.904965	50.0	380512.0	0.904965	Y
4	STD5 460-853073/6	5.0	4.062218	50.0	357391.0	0.812444	Y
5	STD20 460-853073/7	20.0	17.430896	50.0	354540.0	0.871545	Y
6	STD50 460-853073/8	50.0	44.740481	50.0	386889.0	0.89481	Y
7	STD200 460-853073/9	200.0	195.086962	50.0	421908.0	0.975435	Y
8	STD500 460-853073/10	500.0	486.452506	50.0	484215.0	0.972905	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

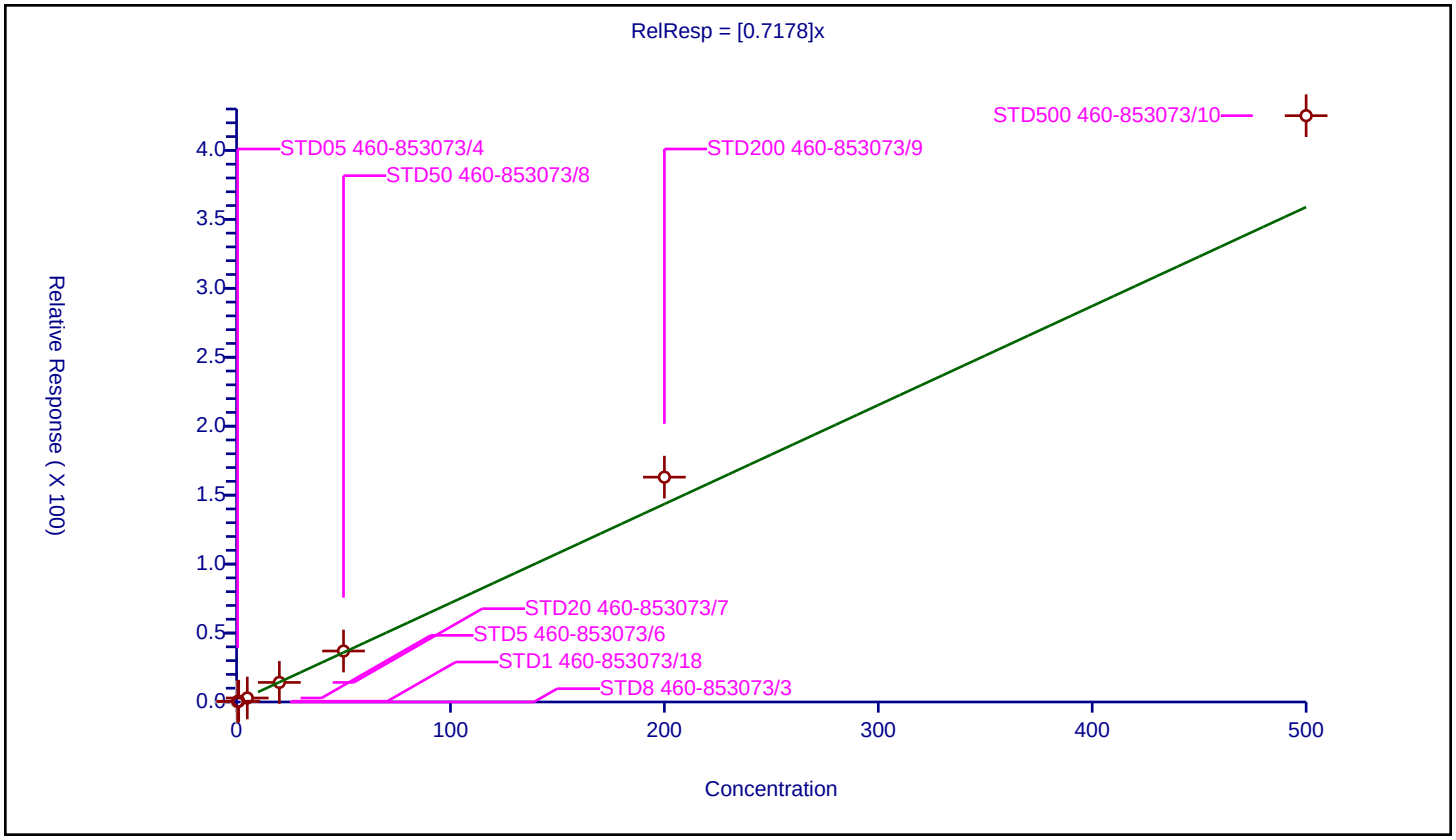
Curve Coefficients

Intercept:	0
Slope:	0.7178

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	15.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.380523	50.0	365812.0	0.761047	Y
3	STD1 460-853073/18	1.0	0.570547	50.0	380512.0	0.570547	Y
4	STD5 460-853073/6	5.0	2.893749	50.0	357391.0	0.57875	Y
5	STD20 460-853073/7	20.0	14.184436	50.0	354540.0	0.709222	Y
6	STD50 460-853073/8	50.0	36.959309	50.0	386889.0	0.739186	Y
7	STD200 460-853073/9	200.0	163.042772	50.0	421908.0	0.815214	Y
8	STD500 460-853073/10	500.0	425.160208	50.0	484215.0	0.85032	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

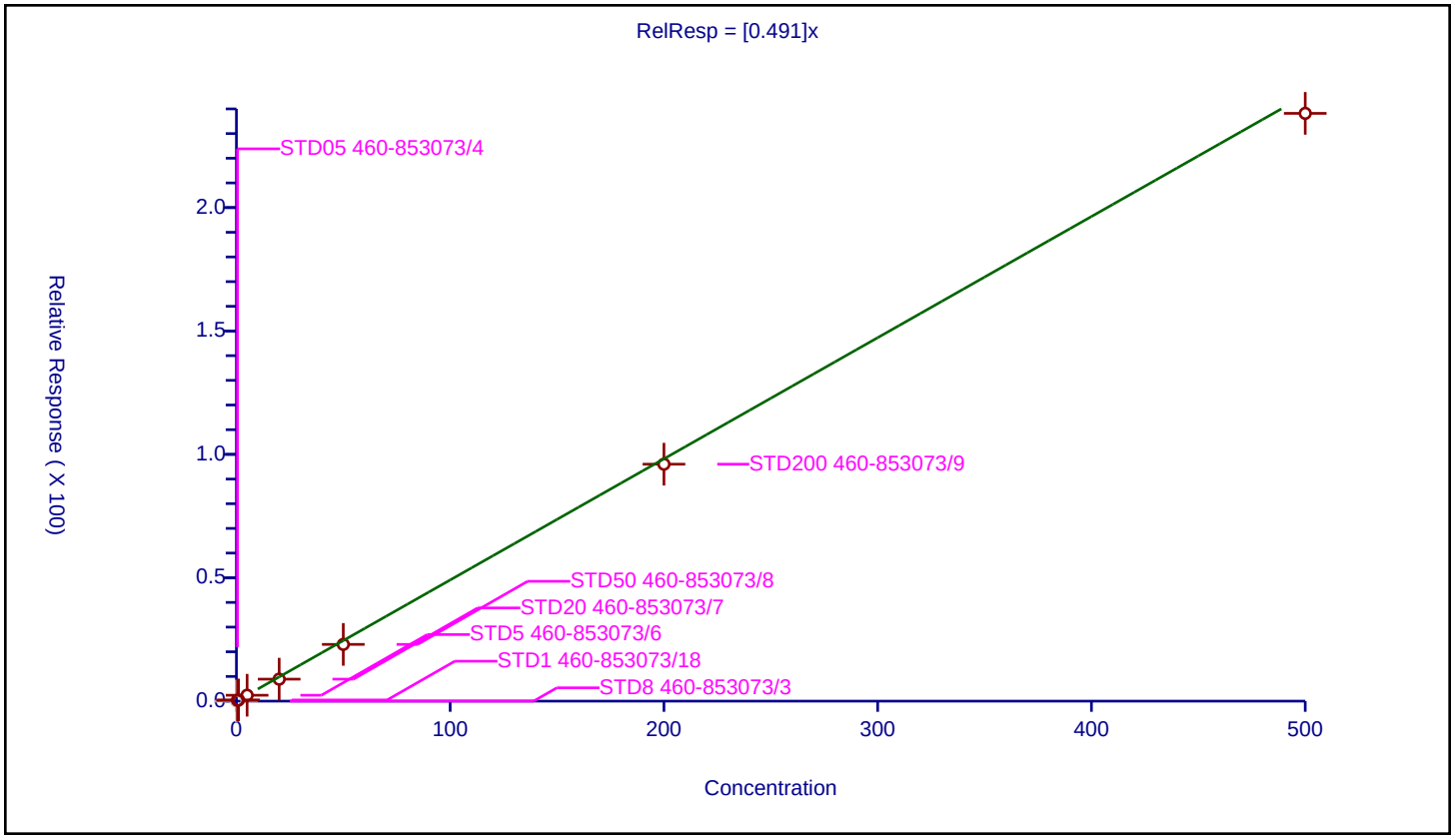
Curve Coefficients

Intercept:	0
Slope:	0.491

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.315053	50.0	365812.0	0.630105	Y
3	STD1 460-853073/18	1.0	0.467397	50.0	380512.0	0.467397	Y
4	STD5 460-853073/6	5.0	2.386882	50.0	357391.0	0.477376	Y
5	STD20 460-853073/7	20.0	8.911547	50.0	354540.0	0.445577	Y
6	STD50 460-853073/8	50.0	22.995355	50.0	386889.0	0.459907	Y
7	STD200 460-853073/9	200.0	96.017971	50.0	421908.0	0.48009	Y
8	STD500 460-853073/10	500.0	238.187066	50.0	484215.0	0.476374	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

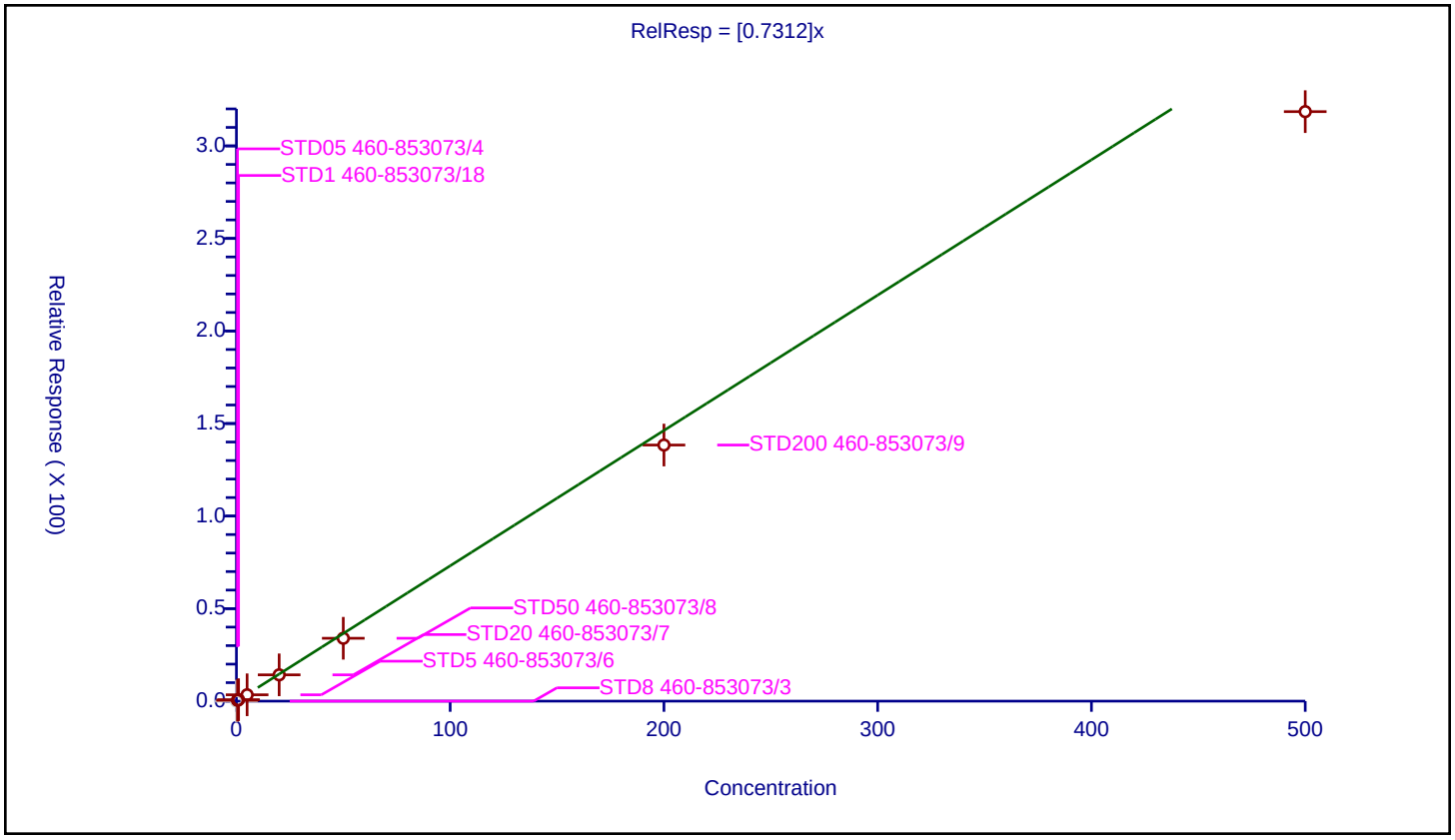
Curve Coefficients

Intercept:	0
Slope:	0.7312

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.471827	50.0	365812.0	0.943654	Y
3	STD1 460-853073/18	1.0	0.770541	50.0	380512.0	0.770541	Y
4	STD5 460-853073/6	5.0	3.426499	50.0	357391.0	0.6853	Y
5	STD20 460-853073/7	20.0	14.215321	50.0	354540.0	0.710766	Y
6	STD50 460-853073/8	50.0	33.971759	50.0	386889.0	0.679435	Y
7	STD200 460-853073/9	200.0	138.36891	50.0	421908.0	0.691845	Y
8	STD500 460-853073/10	500.0	318.517394	50.0	484215.0	0.637035	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

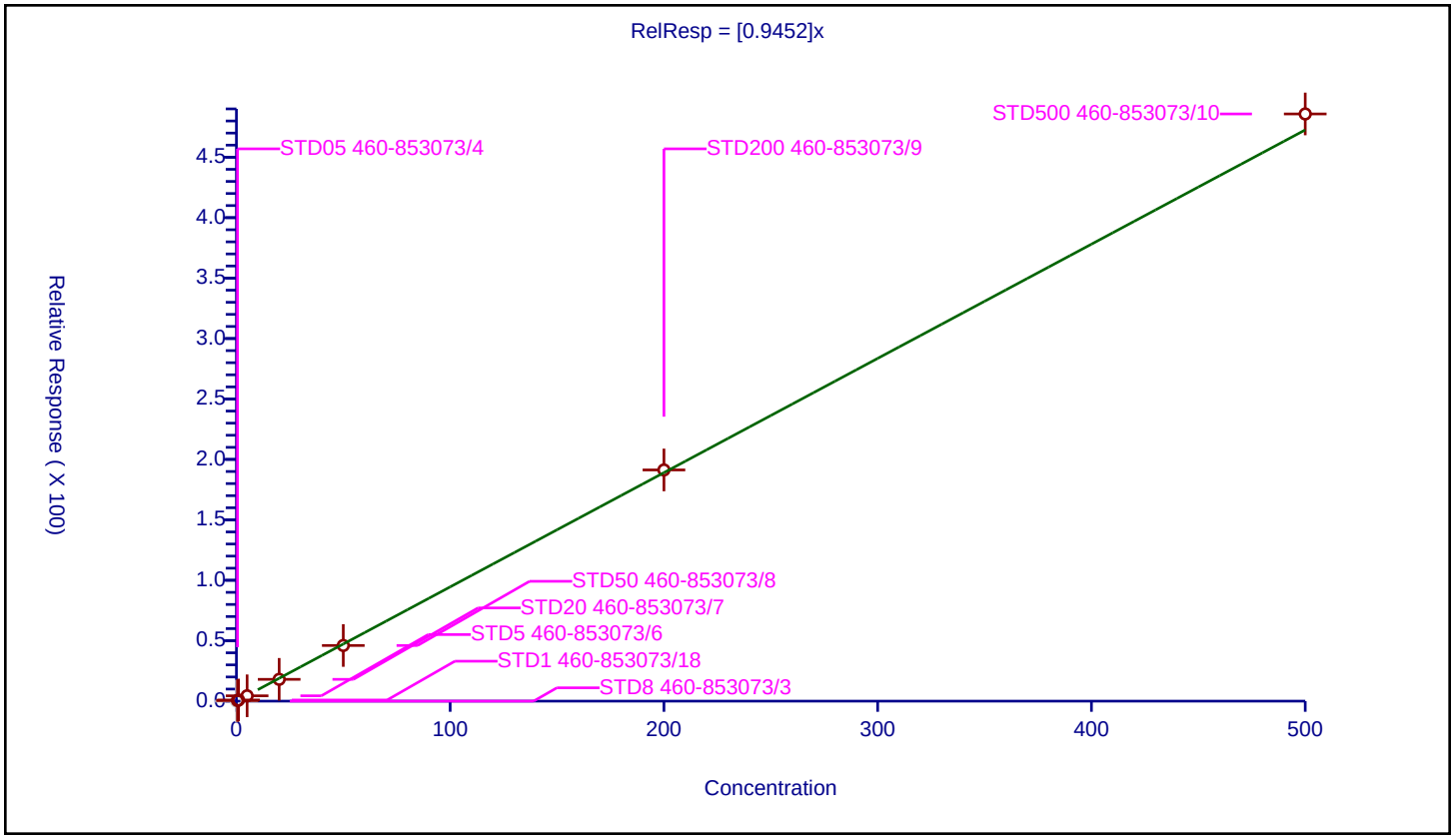
Curve Coefficients

Intercept:	0
Slope:	0.9452

Error Coefficients

Standard Error:	2040000
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 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.522673	50.0	365812.0	1.045346	Y
3	STD1 460-853073/18	1.0	0.934925	50.0	380512.0	0.934925	Y
4	STD5 460-853073/6	5.0	4.427084	50.0	357391.0	0.885417	Y
5	STD20 460-853073/7	20.0	18.036611	50.0	354540.0	0.901831	Y
6	STD50 460-853073/8	50.0	46.043827	50.0	386889.0	0.920877	Y
7	STD200 460-853073/9	200.0	191.273571	50.0	421908.0	0.956368	Y
8	STD500 460-853073/10	500.0	485.806718	50.0	484215.0	0.971613	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

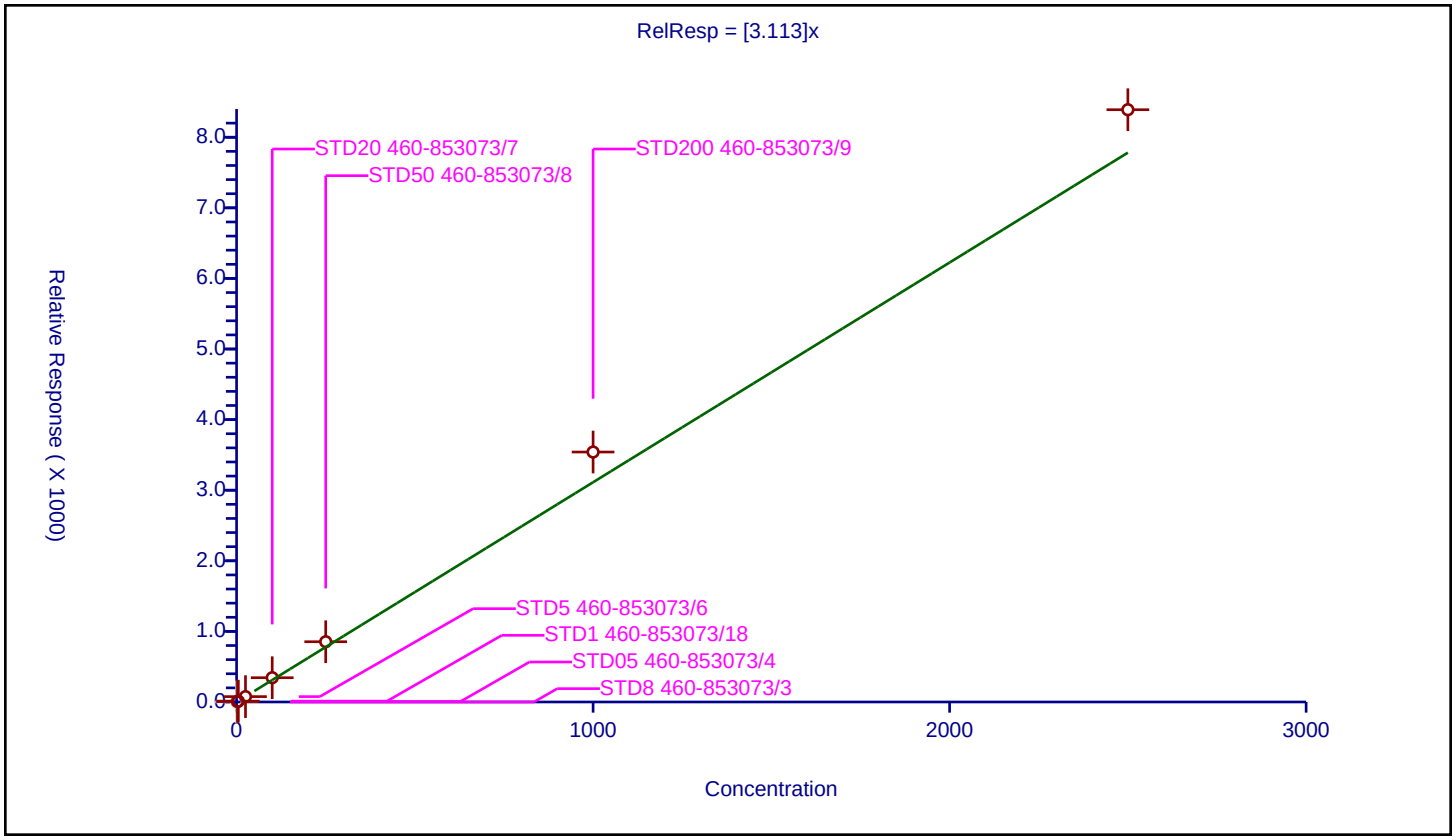
Curve Coefficients

Intercept:	0
Slope:	3.113

Error Coefficients

Standard Error:	4700000
Relative Standard Error:	14.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	250.0	187196.0	NaN	N
2	STD05 460-853073/4	2.5	6.517066	250.0	214437.0	2.606826	Y
3	STD1 460-853073/18	5.0	11.943749	250.0	213438.0	2.38875	Y
4	STD5 460-853073/6	25.0	76.028208	250.0	183353.0	3.041128	Y
5	STD20 460-853073/7	100.0	344.060562	250.0	186255.0	3.440606	Y
6	STD50 460-853073/8	250.0	853.590268	250.0	210430.0	3.414361	Y
7	STD200 460-853073/9	1000.0	3540.865775	250.0	246288.0	3.540866	Y
8	STD500 460-853073/10	2500.0	8390.083072	250.0	326583.0	3.356033	Y



Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

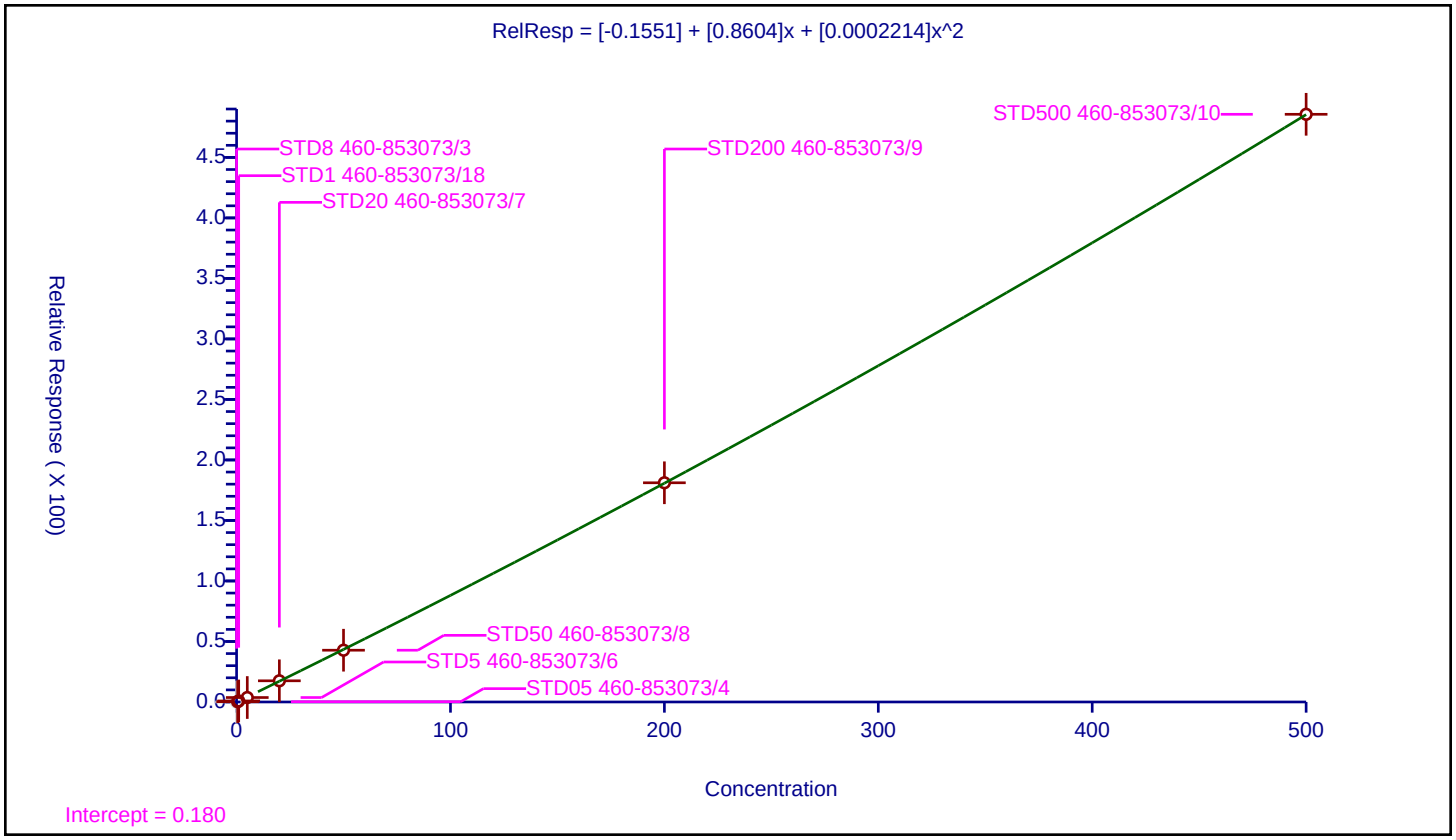
Curve Coefficients

Intercept:	-0.1551
Slope:	0.8604
Second Order:	0.0002214

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	11.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.241381	50.0	365812.0	0.482762	Y
3	STD1 460-853073/18	1.0	0.858974	50.0	380512.0	0.858974	Y
4	STD5 460-853073/6	5.0	3.680982	50.0	357391.0	0.736196	Y
5	STD20 460-853073/7	20.0	17.516782	50.0	354540.0	0.875839	Y
6	STD50 460-853073/8	50.0	42.790826	50.0	386889.0	0.855817	Y
7	STD200 460-853073/9	200.0	181.138305	50.0	421908.0	0.905692	Y
8	STD500 460-853073/10	500.0	485.631279	50.0	484215.0	0.971263	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

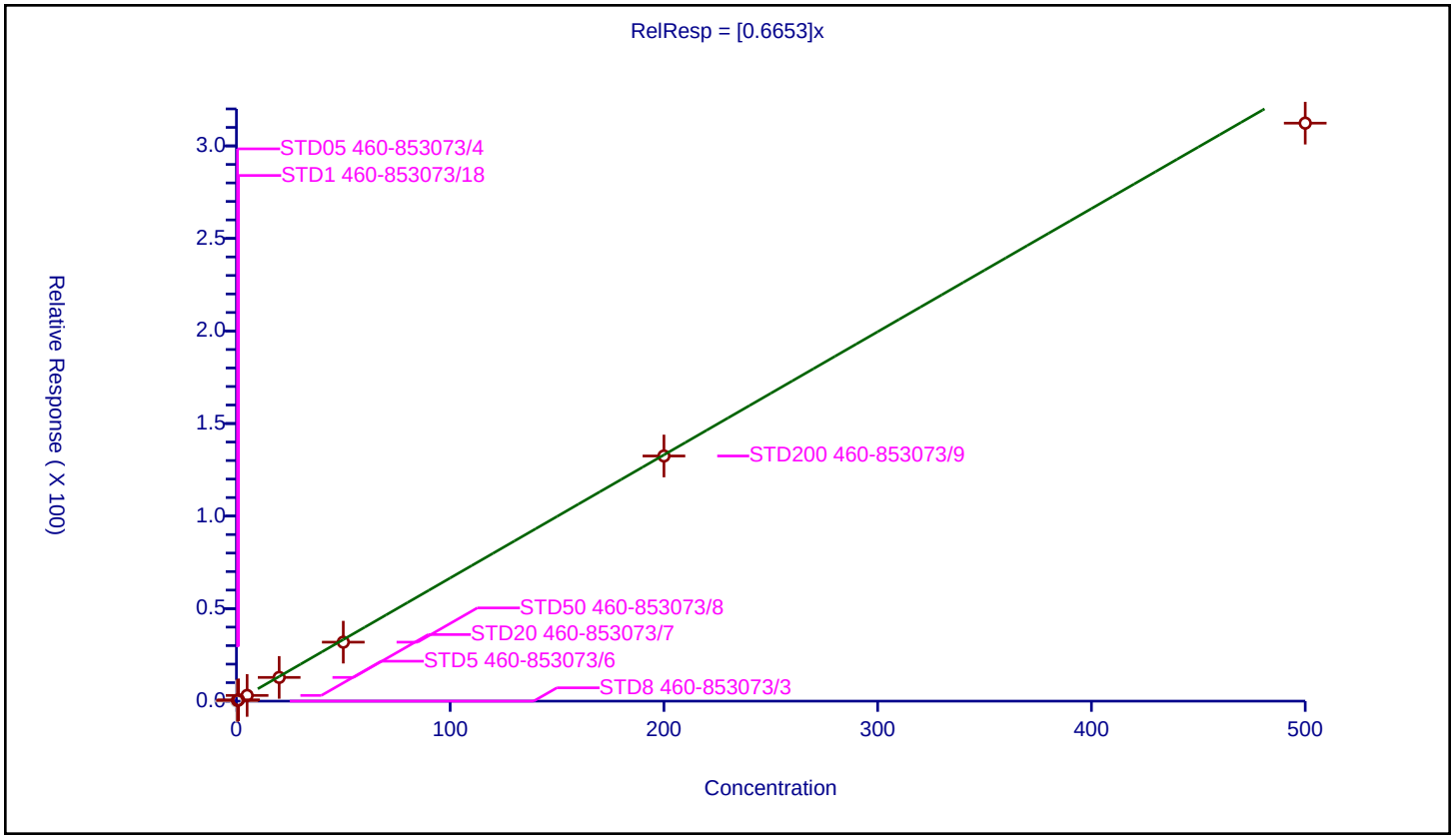
Curve Coefficients

Intercept:	0
Slope:	0.6653

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.385307	50.0	365812.0	0.770614	Y
3	STD1 460-853073/18	1.0	0.70484	50.0	380512.0	0.70484	Y
4	STD5 460-853073/6	5.0	3.084157	50.0	357391.0	0.616831	Y
5	STD20 460-853073/7	20.0	12.810402	50.0	354540.0	0.64052	Y
6	STD50 460-853073/8	50.0	31.874517	50.0	386889.0	0.63749	Y
7	STD200 460-853073/9	200.0	132.466557	50.0	421908.0	0.662333	Y
8	STD500 460-853073/10	500.0	312.303935	50.0	484215.0	0.624608	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

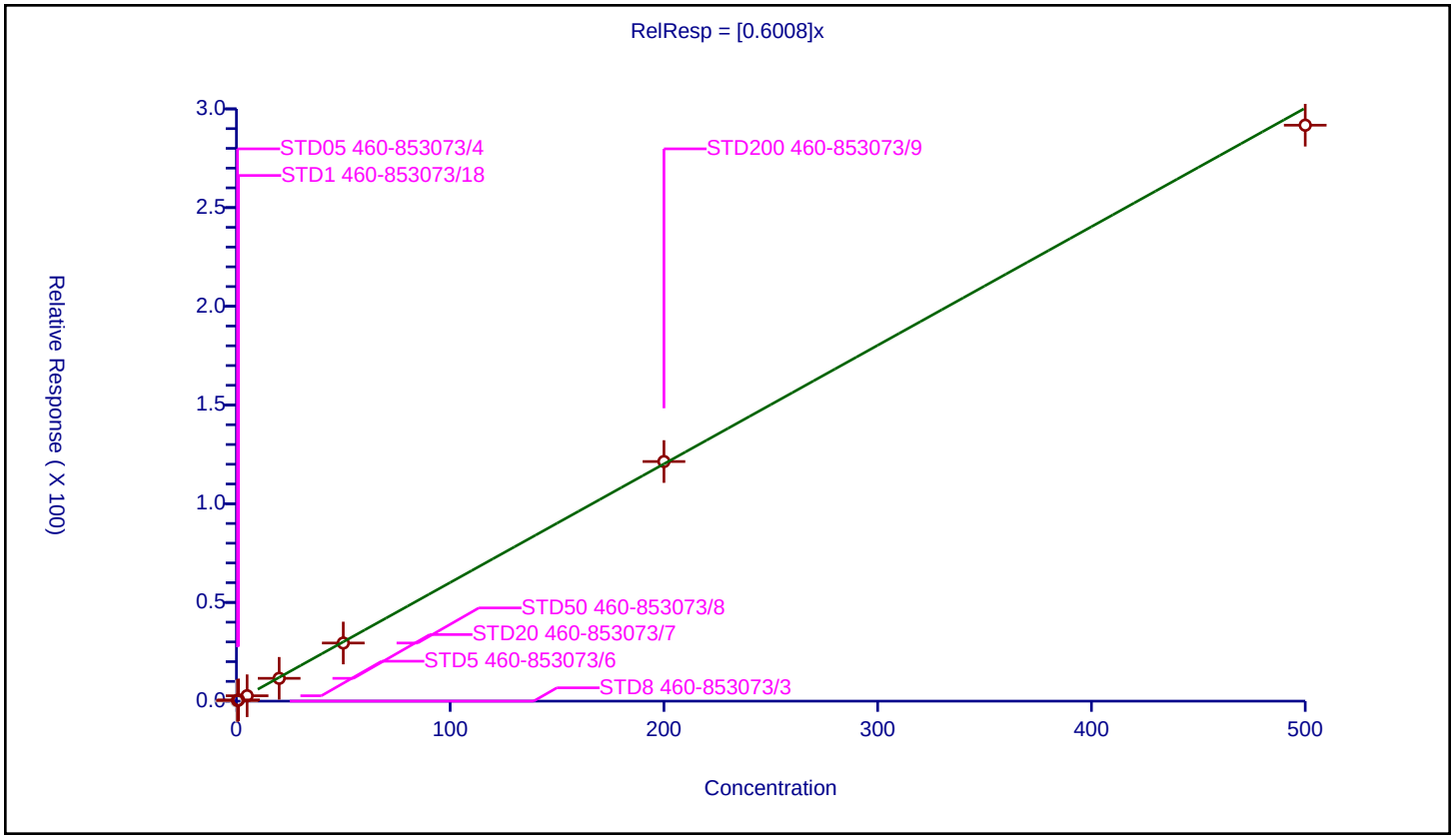
Curve Coefficients

Intercept:	0
Slope:	0.6008

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.334461	50.0	365812.0	0.668923	Y
3	STD1 460-853073/18	1.0	0.632175	50.0	380512.0	0.632175	Y
4	STD5 460-853073/6	5.0	2.737198	50.0	357391.0	0.54744	Y
5	STD20 460-853073/7	20.0	11.559062	50.0	354540.0	0.577953	Y
6	STD50 460-853073/8	50.0	29.444621	50.0	386889.0	0.588892	Y
7	STD200 460-853073/9	200.0	121.379068	50.0	421908.0	0.606895	Y
8	STD500 460-853073/10	500.0	291.742305	50.0	484215.0	0.583485	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

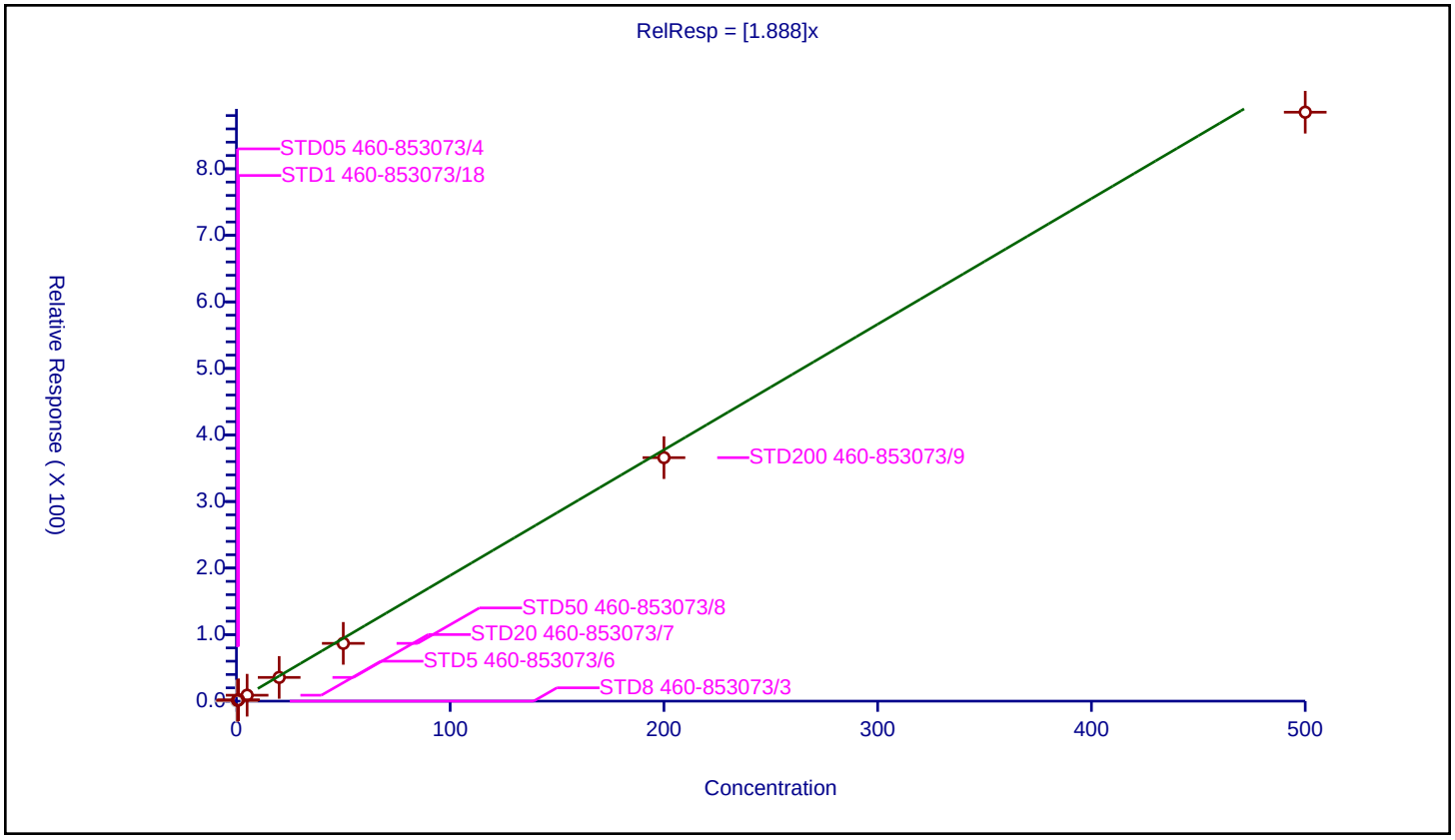
Curve Coefficients

Intercept:	0
Slope:	1.888

Error Coefficients

Standard Error:	3730000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	1.177517	50.0	365812.0	2.355035	Y
3	STD1 460-853073/18	1.0	1.962619	50.0	380512.0	1.962619	Y
4	STD5 460-853073/6	5.0	8.892501	50.0	357391.0	1.7785	Y
5	STD20 460-853073/7	20.0	35.661138	50.0	354540.0	1.783057	Y
6	STD50 460-853073/8	50.0	86.836664	50.0	386889.0	1.736733	Y
7	STD200 460-853073/9	200.0	365.932146	50.0	421908.0	1.829661	Y
8	STD500 460-853073/10	500.0	885.040013	50.0	484215.0	1.77008	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

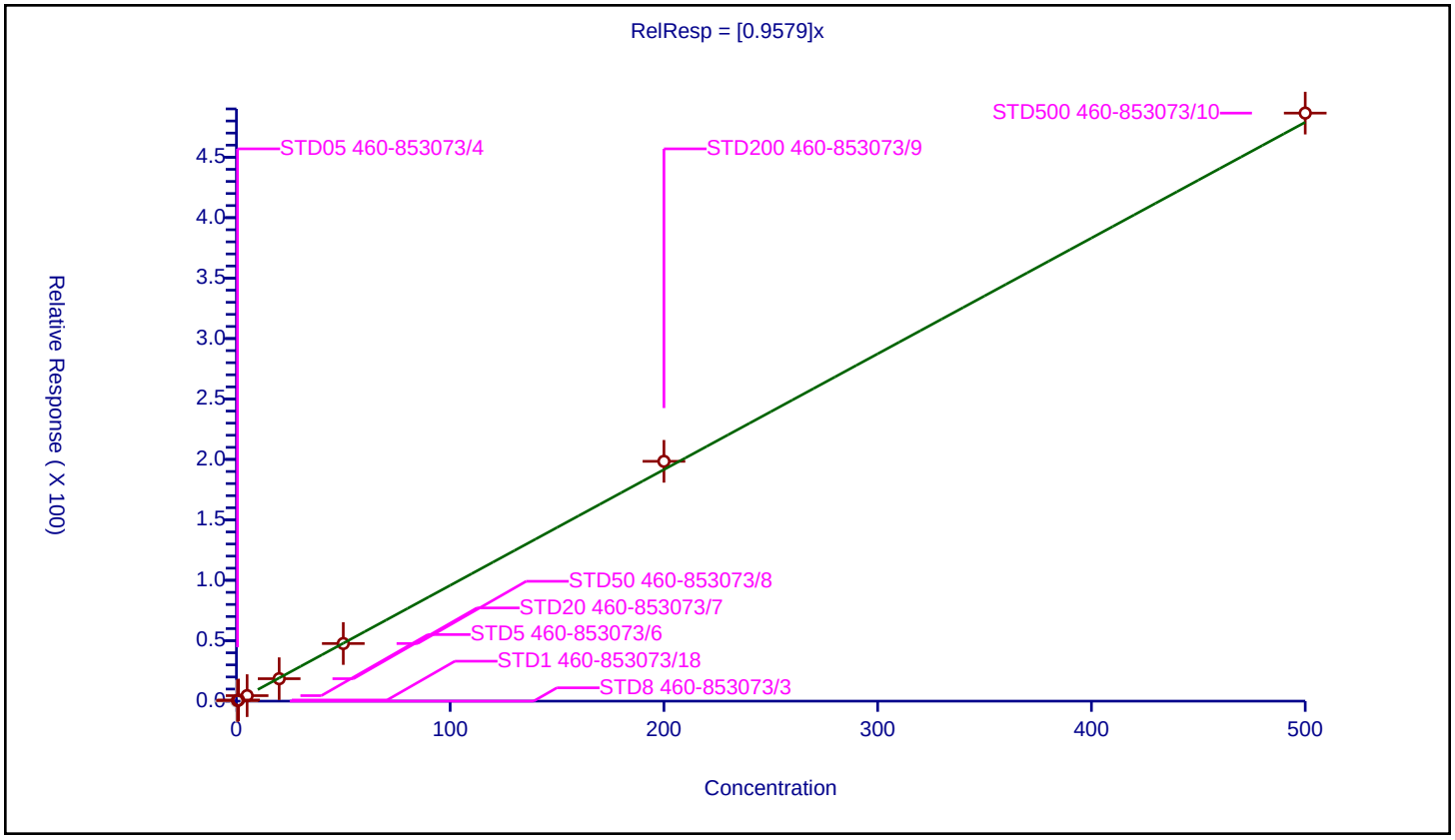
Curve Coefficients

Intercept:	0
Slope:	0.9579

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.502307	50.0	365812.0	1.004614	Y
3	STD1 460-853073/18	1.0	0.941232	50.0	380512.0	0.941232	Y
4	STD5 460-853073/6	5.0	4.561391	50.0	357391.0	0.912278	Y
5	STD20 460-853073/7	20.0	18.569132	50.0	354540.0	0.928457	Y
6	STD50 460-853073/8	50.0	47.676982	50.0	386889.0	0.95354	Y
7	STD200 460-853073/9	200.0	198.418613	50.0	421908.0	0.992093	Y
8	STD500 460-853073/10	500.0	486.518695	50.0	484215.0	0.973037	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

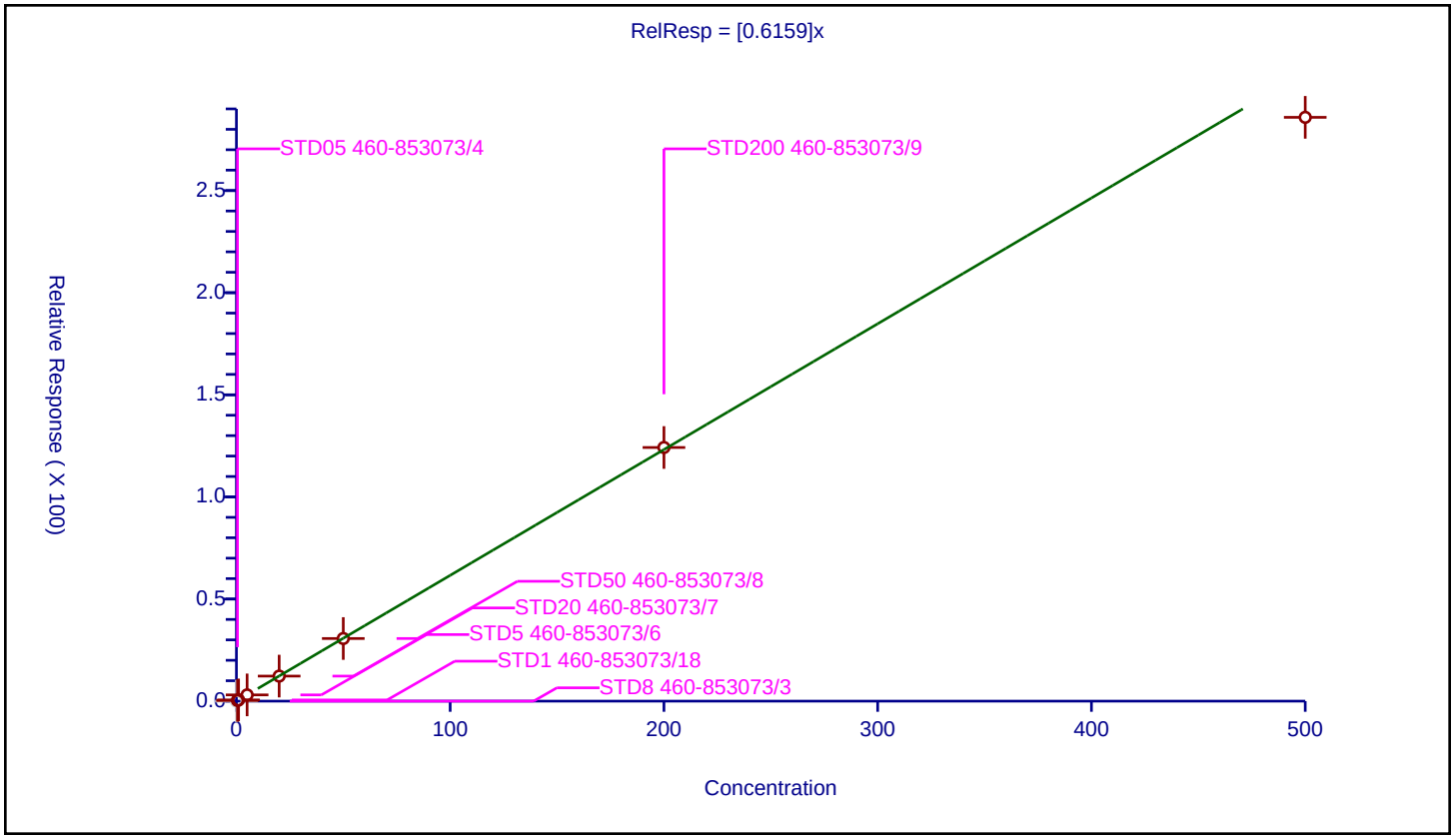
Curve Coefficients

Intercept:	0
Slope:	0.6159

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.3469	50.0	365812.0	0.693799	Y
3	STD1 460-853073/18	1.0	0.585658	50.0	380512.0	0.585658	Y
4	STD5 460-853073/6	5.0	3.062192	50.0	357391.0	0.612438	Y
5	STD20 460-853073/7	20.0	12.269984	50.0	354540.0	0.613499	Y
6	STD50 460-853073/8	50.0	30.67133	50.0	386889.0	0.613427	Y
7	STD200 460-853073/9	200.0	124.20504	50.0	421908.0	0.621025	Y
8	STD500 460-853073/10	500.0	285.86444	50.0	484215.0	0.571729	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

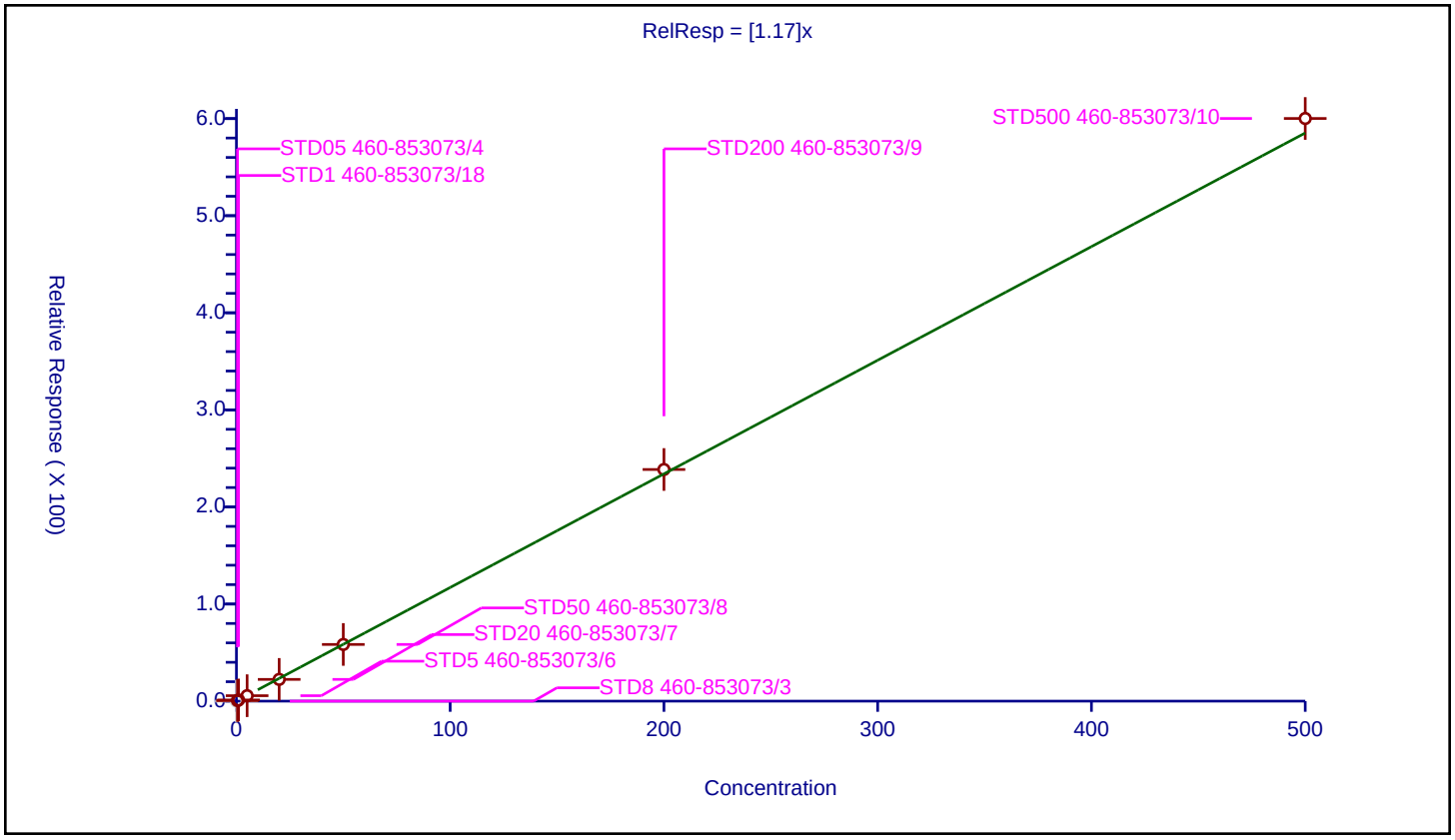
Curve Coefficients

Intercept:	0
Slope:	1.17

Error Coefficients

Standard Error:	2520000
Relative Standard Error:	3.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.598258	50.0	365812.0	1.196516	Y
3	STD1 460-853073/18	1.0	1.191158	50.0	380512.0	1.191158	Y
4	STD5 460-853073/6	5.0	5.622833	50.0	357391.0	1.124567	Y
5	STD20 460-853073/7	20.0	22.385485	50.0	354540.0	1.119274	Y
6	STD50 460-853073/8	50.0	58.388194	50.0	386889.0	1.167764	Y
7	STD200 460-853073/9	200.0	238.604032	50.0	421908.0	1.19302	Y
8	STD500 460-853073/10	500.0	600.122363	50.0	484215.0	1.200245	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

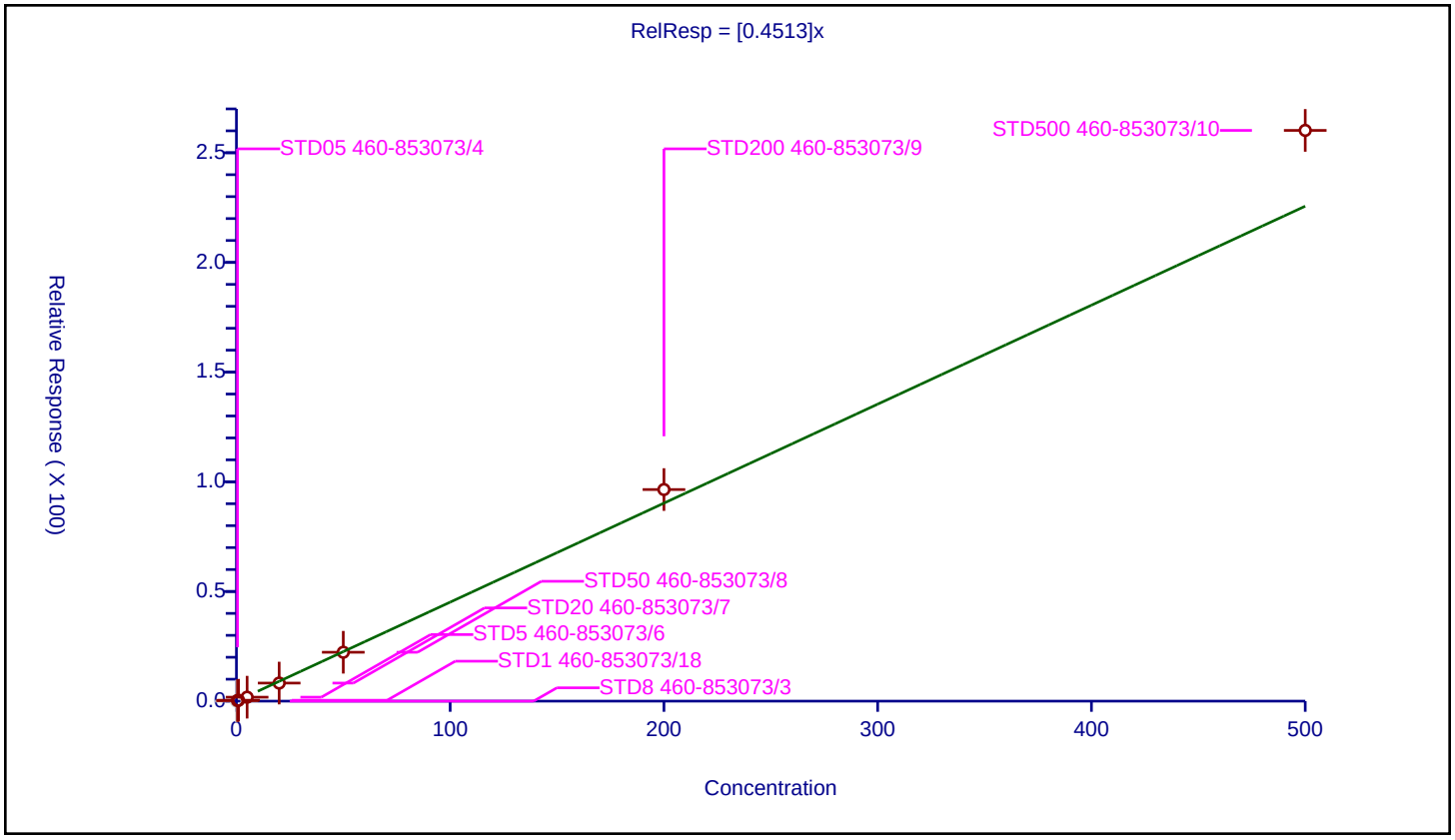
Curve Coefficients

Intercept:	0
Slope:	0.4513

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	14.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.265984	50.0	365812.0	0.531967	Y
3	STD1 460-853073/18	1.0	0.406163	50.0	380512.0	0.406163	Y
4	STD5 460-853073/6	5.0	1.801948	50.0	357391.0	0.36039	Y
5	STD20 460-853073/7	20.0	8.241101	50.0	354540.0	0.412055	Y
6	STD50 460-853073/8	50.0	22.287917	50.0	386889.0	0.445758	Y
7	STD200 460-853073/9	200.0	96.463684	50.0	421908.0	0.482318	Y
8	STD500 460-853073/10	500.0	260.192786	50.0	484215.0	0.520386	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

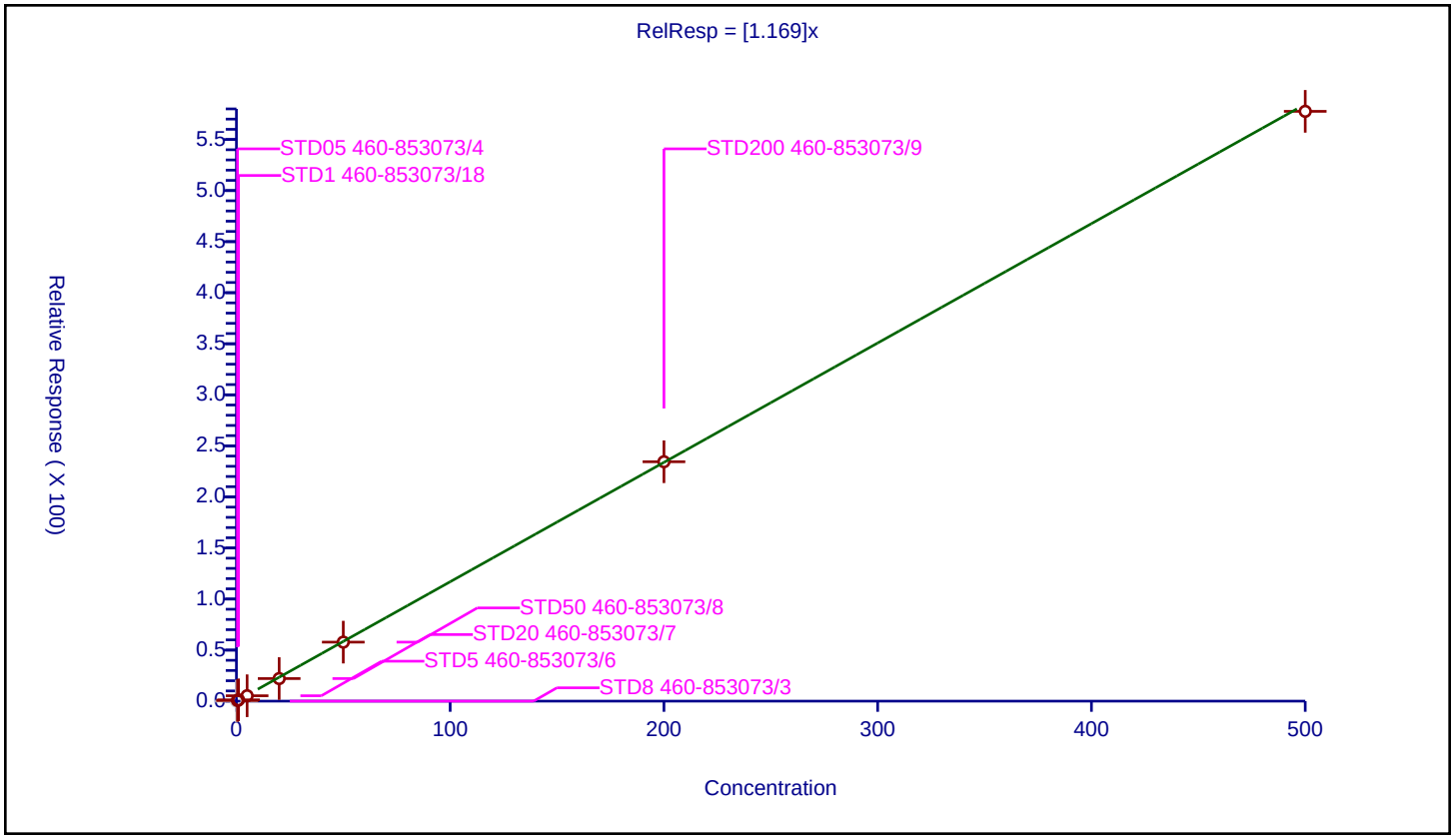
Curve Coefficients

Intercept:	0
Slope:	1.169

Error Coefficients

Standard Error:	2430000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.642817	50.0	365812.0	1.285633	Y
3	STD1 460-853073/18	1.0	1.253968	50.0	380512.0	1.253968	Y
4	STD5 460-853073/6	5.0	5.277553	50.0	357391.0	1.055511	Y
5	STD20 460-853073/7	20.0	22.105968	50.0	354540.0	1.105298	Y
6	STD50 460-853073/8	50.0	57.79345	50.0	386889.0	1.155869	Y
7	STD200 460-853073/9	200.0	234.450283	50.0	421908.0	1.172251	Y
8	STD500 460-853073/10	500.0	577.611082	50.0	484215.0	1.155222	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

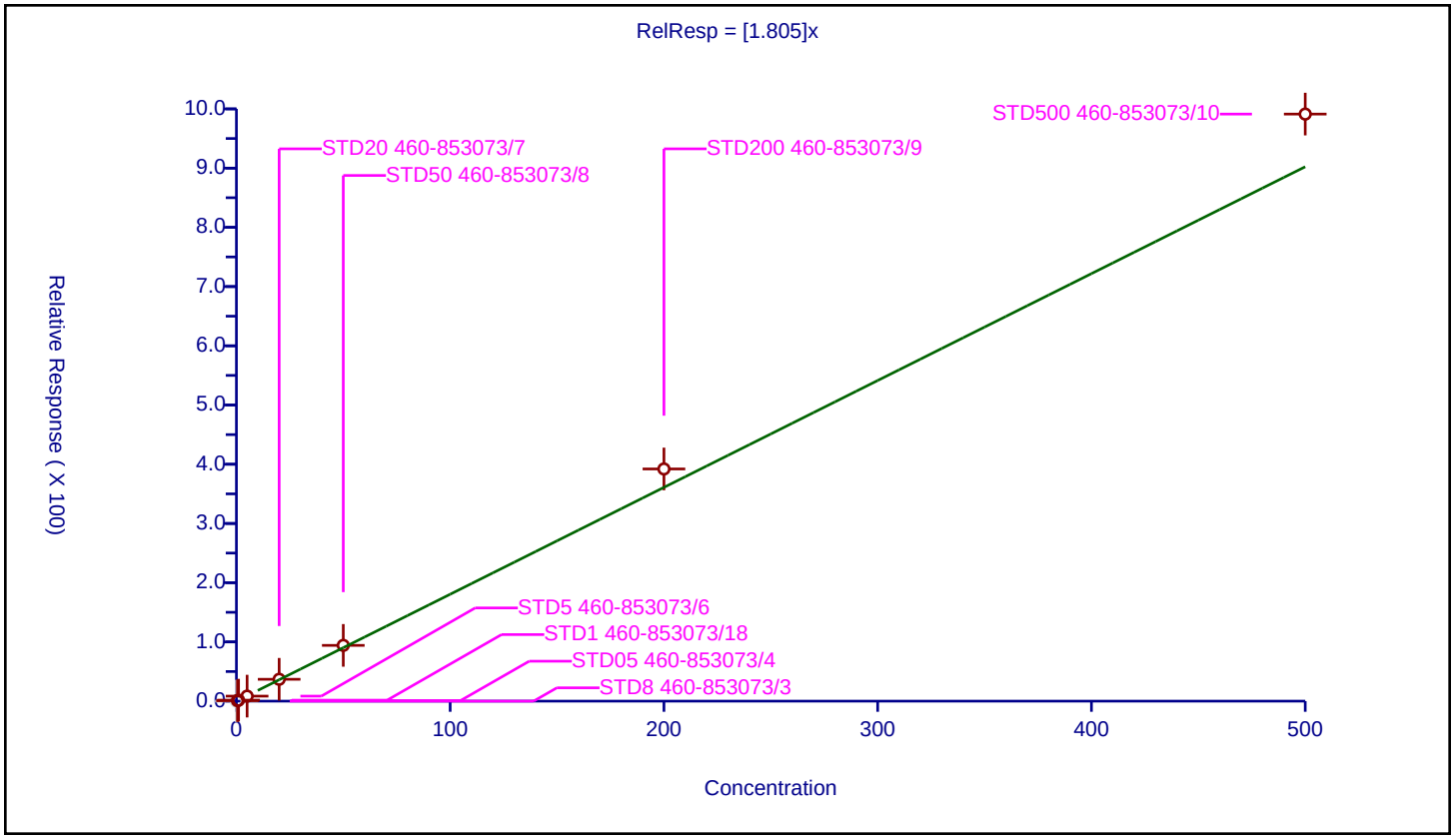
Curve Coefficients

Intercept:	0
Slope:	1.805

Error Coefficients

Standard Error:	4160000
Relative Standard Error:	8.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.81572	50.0	365812.0	1.631439	Y
3	STD1 460-853073/18	1.0	1.635691	50.0	380512.0	1.635691	Y
4	STD5 460-853073/6	5.0	8.473633	50.0	357391.0	1.694727	Y
5	STD20 460-853073/7	20.0	36.898798	50.0	354540.0	1.84494	Y
6	STD50 460-853073/8	50.0	94.139275	50.0	386889.0	1.882786	Y
7	STD200 460-853073/9	200.0	392.016624	50.0	421908.0	1.960083	Y
8	STD500 460-853073/10	500.0	991.216608	50.0	484215.0	1.982433	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

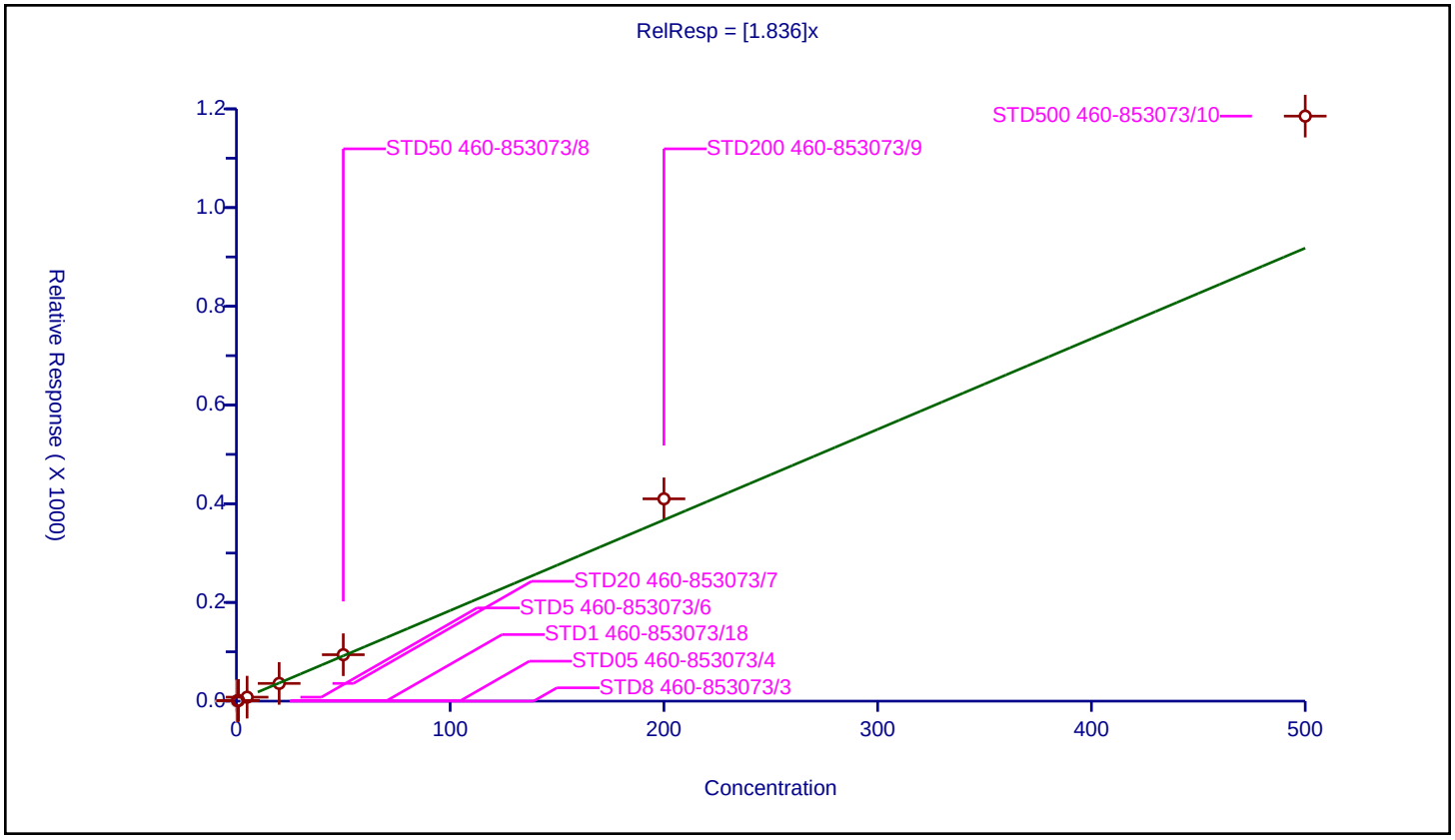
Curve Coefficients

Intercept:	0
Slope:	1.836

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	16.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.856111	50.0	188235.0	1.712221	Y
3	STD1 460-853073/18	1.0	1.433289	50.0	189564.0	1.433289	Y
4	STD5 460-853073/6	5.0	8.040626	50.0	176684.0	1.608125	Y
5	STD20 460-853073/7	20.0	35.91469	50.0	175360.0	1.795734	Y
6	STD50 460-853073/8	50.0	94.081502	50.0	192608.0	1.88163	Y
7	STD200 460-853073/9	200.0	409.874194	50.0	202295.0	2.049371	Y
8	STD500 460-853073/10	500.0	1185.366862	50.0	229773.0	2.370734	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

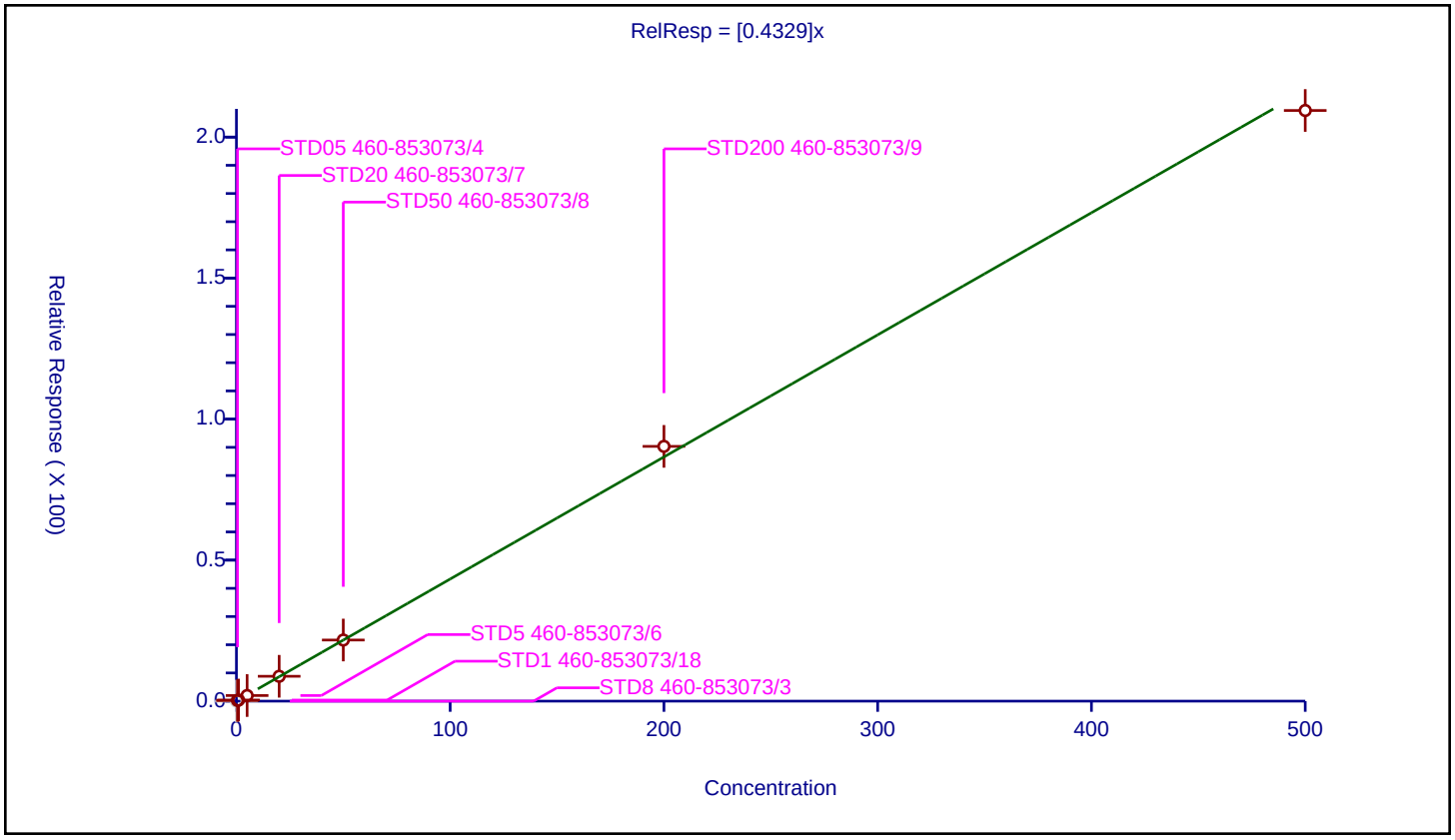
Curve Coefficients

Intercept:	0
Slope:	0.4329

Error Coefficients

Standard Error:	887000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	0.253546	50.0	365812.0	0.507091	Y
3	STD1 460-853073/18	1.0	0.38054	50.0	380512.0	0.38054	Y
4	STD5 460-853073/6	5.0	1.991796	50.0	357391.0	0.398359	Y
5	STD20 460-853073/7	20.0	8.812969	50.0	354540.0	0.440648	Y
6	STD50 460-853073/8	50.0	21.665	50.0	386889.0	0.4333	Y
7	STD200 460-853073/9	200.0	90.34043	50.0	421908.0	0.451702	Y
8	STD500 460-853073/10	500.0	209.430728	50.0	484215.0	0.418861	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

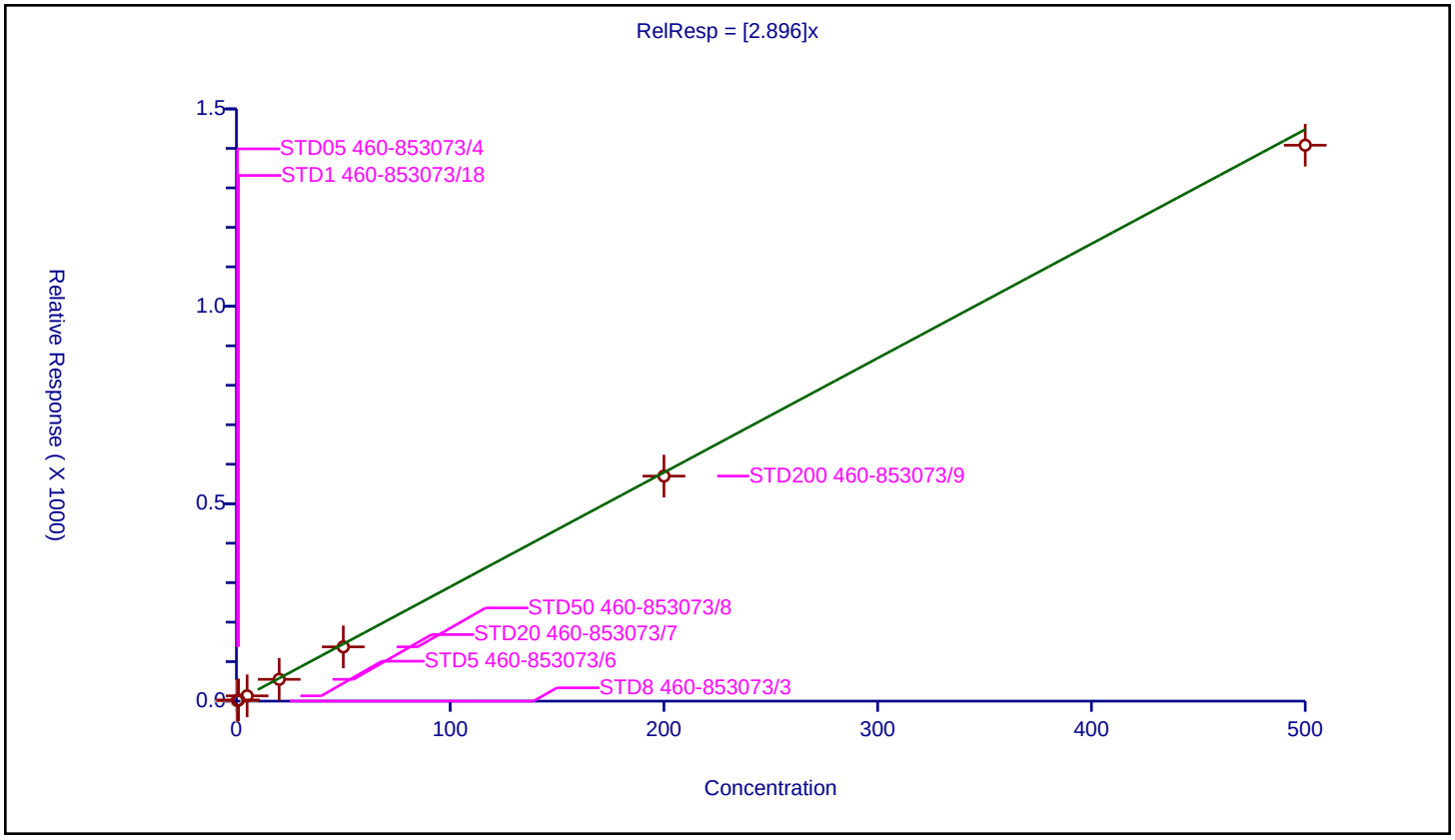
Curve Coefficients

Intercept:	0
Slope:	2.896

Error Coefficients

Standard Error:	5920000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	373025.0	NaN	N
2	STD05 460-853073/4	0.5	1.702787	50.0	365812.0	3.405574	Y
3	STD1 460-853073/18	1.0	3.011337	50.0	380512.0	3.011337	Y
4	STD5 460-853073/6	5.0	13.396252	50.0	357391.0	2.67925	Y
5	STD20 460-853073/7	20.0	55.194054	50.0	354540.0	2.759703	Y
6	STD50 460-853073/8	50.0	137.41241	50.0	386889.0	2.748248	Y
7	STD200 460-853073/9	200.0	569.979593	50.0	421908.0	2.849898	Y
8	STD500 460-853073/10	500.0	1408.047458	50.0	484215.0	2.816095	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

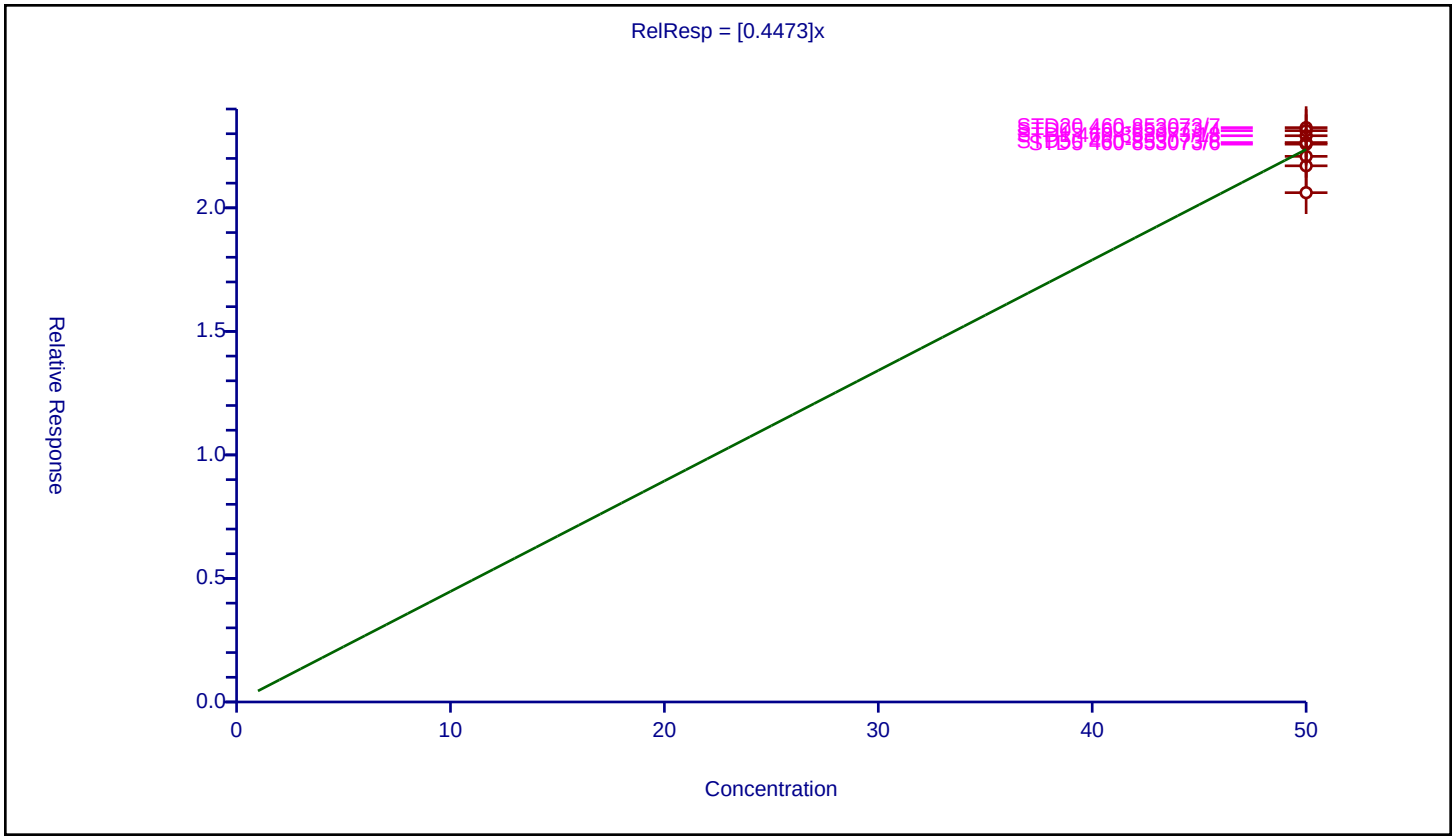
Curve Coefficients

Intercept:	0
Slope:	0.4473

Error Coefficients

Standard Error:	186000
Relative Standard Error:	3.9
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	50.0	22.084579	50.0	373025.0	0.441692	Y
2	STD05 460-853073/4	50.0	23.124993	50.0	365812.0	0.4625	Y
3	STD5 460-853073/6	50.0	22.576954	50.0	357391.0	0.451539	Y
4	STD20 460-853073/7	50.0	23.24646	50.0	354540.0	0.464929	Y
5	STD50 460-853073/8	50.0	22.643575	50.0	386889.0	0.452871	Y
6	STD200 460-853073/9	50.0	21.700584	50.0	421908.0	0.434012	Y
7	STD500 460-853073/10	50.0	20.614603	50.0	484215.0	0.412292	Y
8	STD1 460-853073/18	50.0	22.918068	50.0	380512.0	0.458361	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

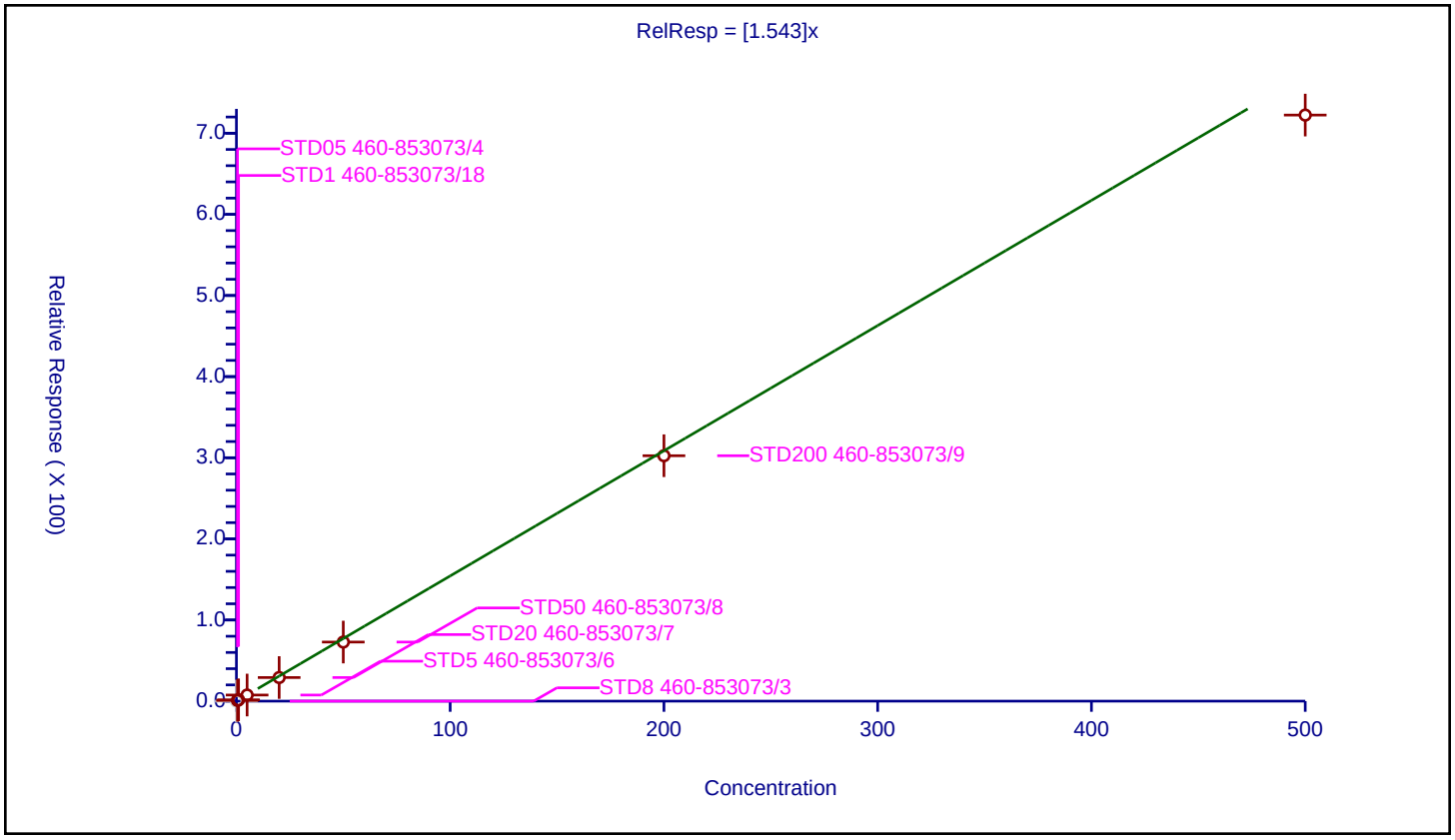
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.920392	50.0	188235.0	1.840784	Y
3	STD1 460-853073/18	1.0	1.58548	50.0	189564.0	1.58548	Y
4	STD5 460-853073/6	5.0	7.528978	50.0	176684.0	1.505796	Y
5	STD20 460-853073/7	20.0	29.114108	50.0	175360.0	1.455705	Y
6	STD50 460-853073/8	50.0	72.826933	50.0	192608.0	1.456539	Y
7	STD200 460-853073/9	200.0	302.513656	50.0	202295.0	1.512568	Y
8	STD500 460-853073/10	500.0	722.386442	50.0	229773.0	1.444773	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

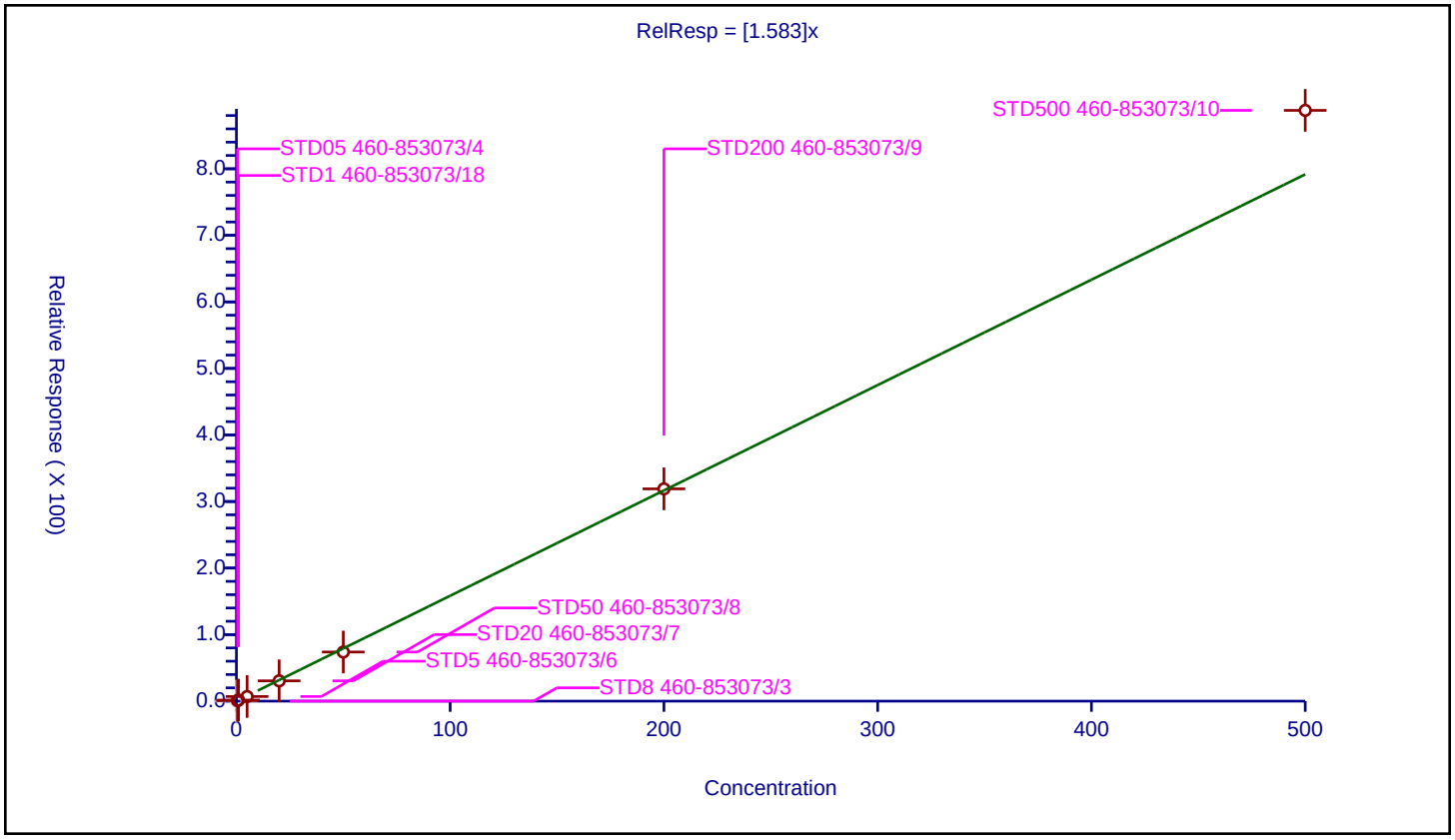
Curve Coefficients

Intercept:	0
Slope:	1.583

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	8.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.864345	50.0	188235.0	1.72869	Y
3	STD1 460-853073/18	1.0	1.590228	50.0	189564.0	1.590228	Y
4	STD5 460-853073/6	5.0	6.95111	50.0	176684.0	1.390222	Y
5	STD20 460-853073/7	20.0	30.521784	50.0	175360.0	1.526089	Y
6	STD50 460-853073/8	50.0	73.822479	50.0	192608.0	1.47645	Y
7	STD200 460-853073/9	200.0	319.014558	50.0	202295.0	1.595073	Y
8	STD500 460-853073/10	500.0	887.757482	50.0	229773.0	1.775515	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

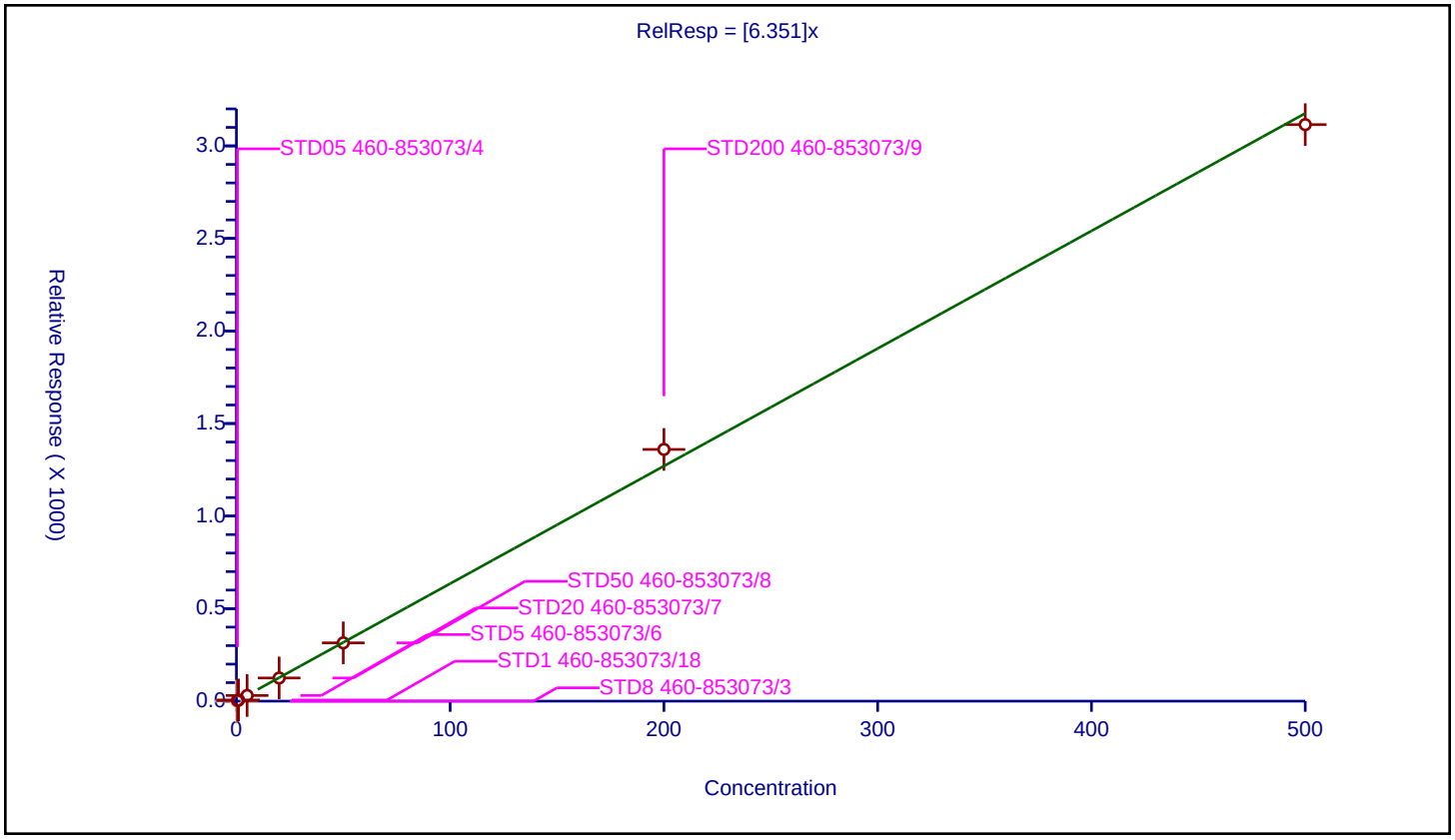
Curve Coefficients

Intercept:	0
Slope:	6.351

Error Coefficients

Standard Error:	6280000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	3.274364	50.0	188235.0	6.548729	Y
3	STD1 460-853073/18	1.0	6.212678	50.0	189564.0	6.212678	Y
4	STD5 460-853073/6	5.0	30.576057	50.0	176684.0	6.115211	Y
5	STD20 460-853073/7	20.0	125.098654	50.0	175360.0	6.254933	Y
6	STD50 460-853073/8	50.0	314.930844	50.0	192608.0	6.298617	Y
7	STD200 460-853073/9	200.0	1359.975531	50.0	202295.0	6.799878	Y
8	STD500 460-853073/10	500.0	3114.963682	50.0	229773.0	6.229927	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

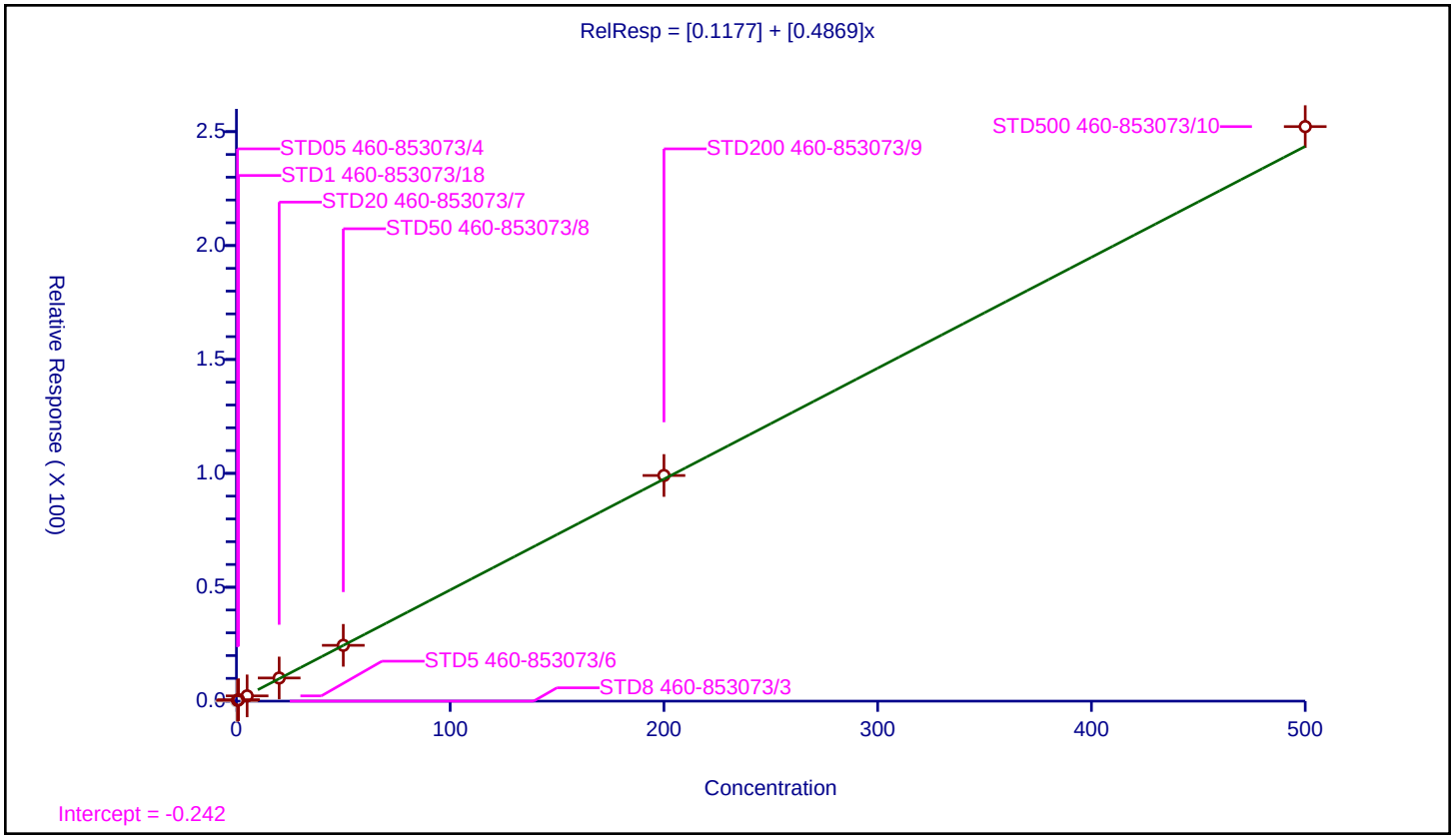
Curve Coefficients

Intercept:	0.1177
Slope:	0.4869

Error Coefficients

Standard Error:	550000
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 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.362047	50.0	188235.0	0.724095	Y
3	STD1 460-853073/18	1.0	0.609557	50.0	189564.0	0.609557	Y
4	STD5 460-853073/6	5.0	2.308924	50.0	176684.0	0.461785	Y
5	STD20 460-853073/7	20.0	10.165944	50.0	175360.0	0.508297	Y
6	STD50 460-853073/8	50.0	24.506511	50.0	192608.0	0.49013	Y
7	STD200 460-853073/9	200.0	99.059047	50.0	202295.0	0.495295	Y
8	STD500 460-853073/10	500.0	252.224587	50.0	229773.0	0.504449	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

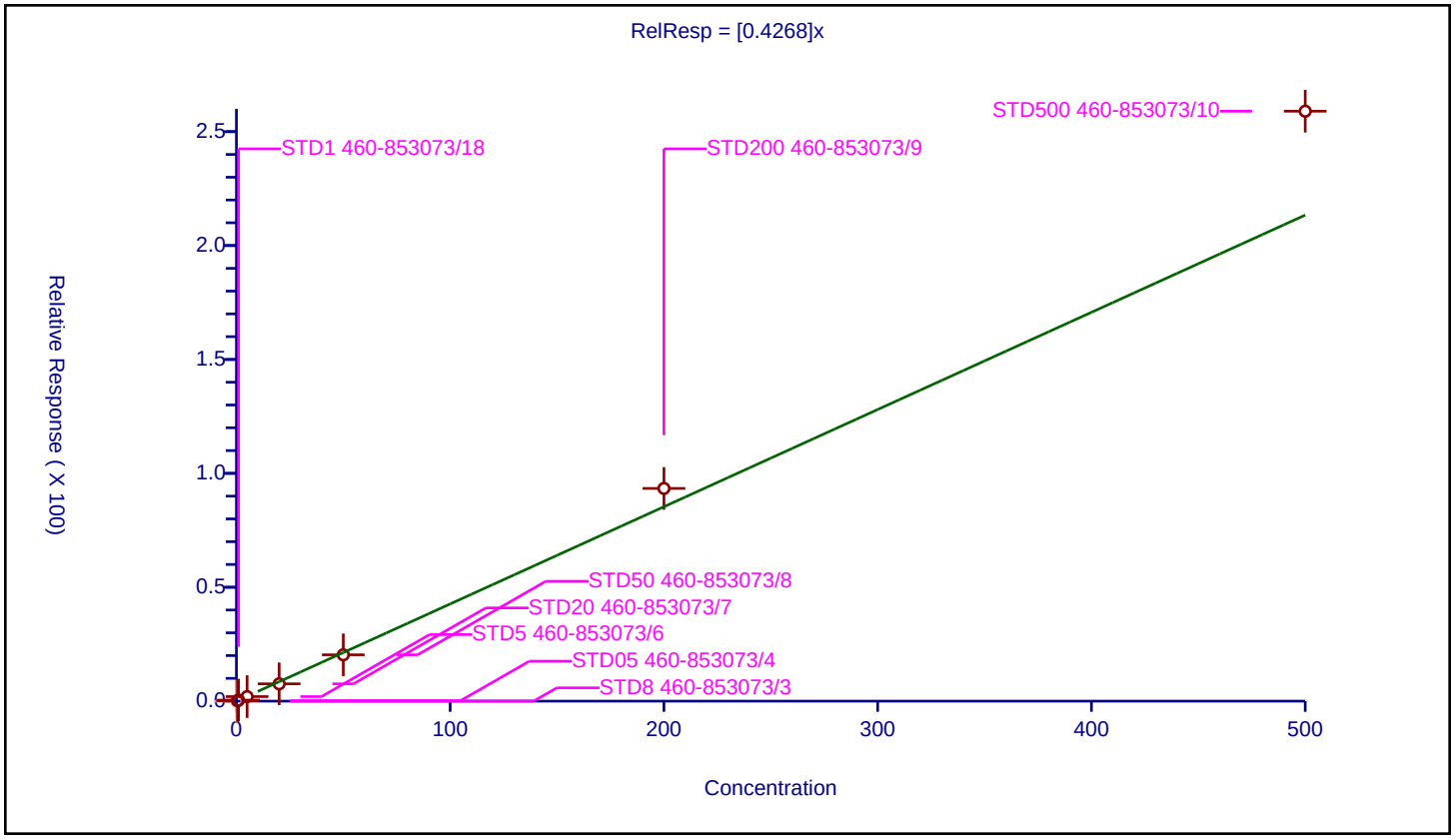
Curve Coefficients

Intercept:	0
Slope:	0.4268

Error Coefficients

Standard Error:	511000
Relative Standard Error:	12.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.183282	50.0	188235.0	0.366563	Y
3	STD1 460-853073/18	1.0	0.44998	50.0	189564.0	0.44998	Y
4	STD5 460-853073/6	5.0	1.994521	50.0	176684.0	0.398904	Y
5	STD20 460-853073/7	20.0	7.604642	50.0	175360.0	0.380232	Y
6	STD50 460-853073/8	50.0	20.336902	50.0	192608.0	0.406738	Y
7	STD200 460-853073/9	200.0	93.376505	50.0	202295.0	0.466883	Y
8	STD500 460-853073/10	500.0	258.985172	50.0	229773.0	0.51797	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

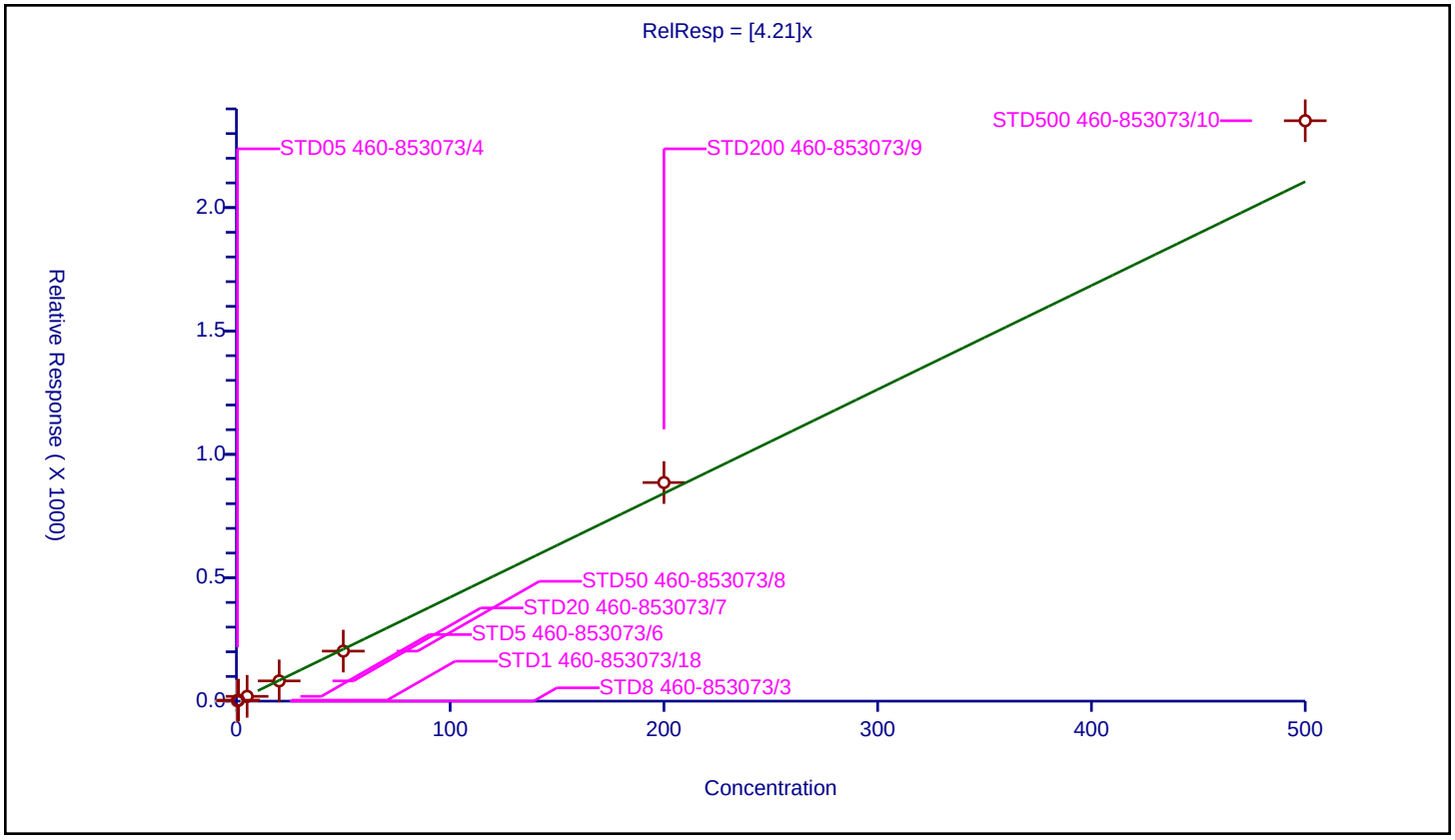
Curve Coefficients

Intercept:	0
Slope:	4.21

Error Coefficients

Standard Error:	4660000
Relative Standard Error:	6.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.122878	50.0	188235.0	4.245757	Y
3	STD1 460-853073/18	1.0	4.036368	50.0	189564.0	4.036368	Y
4	STD5 460-853073/6	5.0	19.51733	50.0	176684.0	3.903466	Y
5	STD20 460-853073/7	20.0	81.952555	50.0	175360.0	4.097628	Y
6	STD50 460-853073/8	50.0	202.797392	50.0	192608.0	4.055948	Y
7	STD200 460-853073/9	200.0	885.843694	50.0	202295.0	4.429218	Y
8	STD500 460-853073/10	500.0	2352.011768	50.0	229773.0	4.704024	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

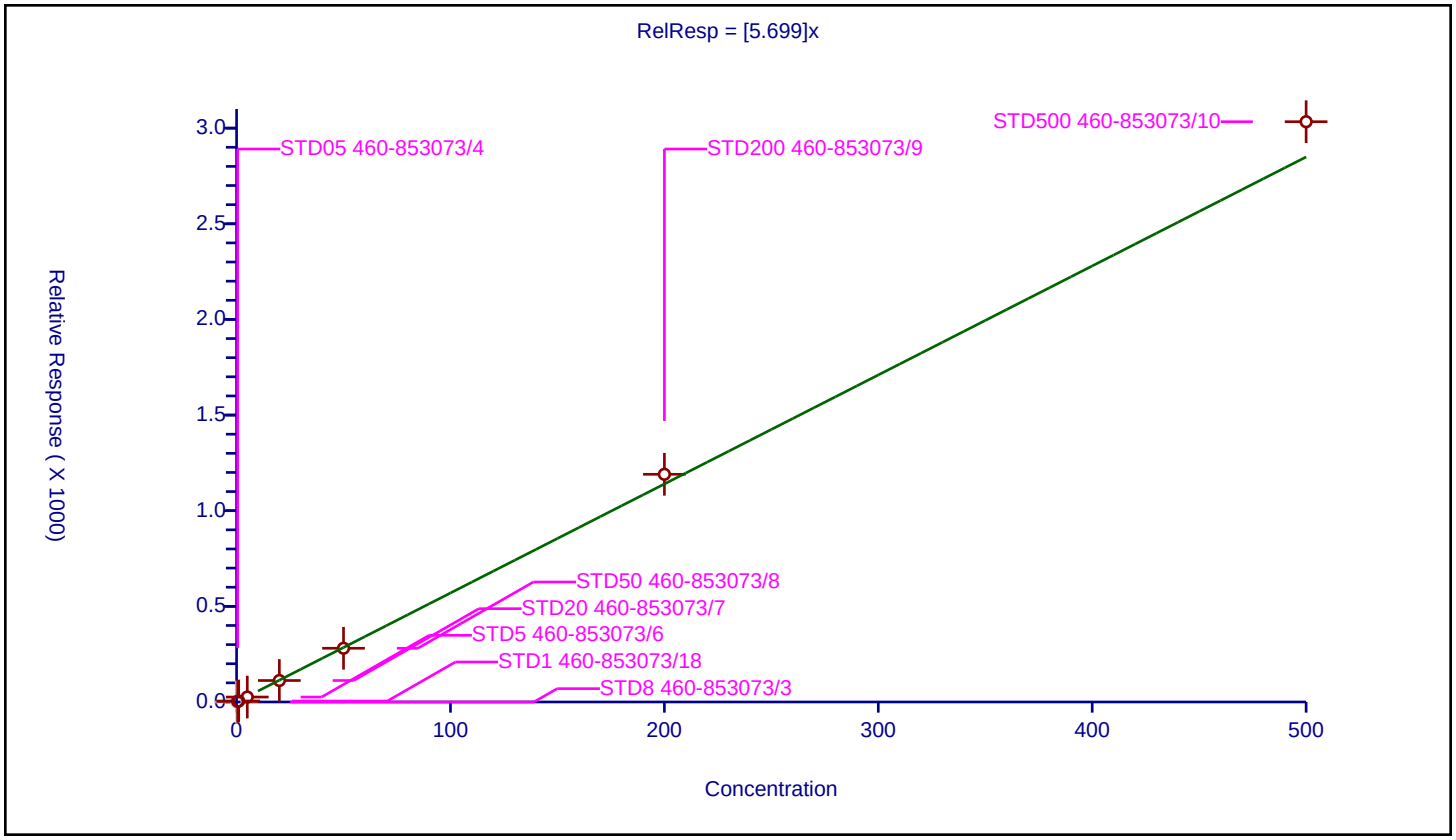
Curve Coefficients

Intercept:	0
Slope:	5.699

Error Coefficients

Standard Error:	6040000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	3.201849	50.0	188235.0	6.403698	Y
3	STD1 460-853073/18	1.0	5.065572	50.0	189564.0	5.065572	Y
4	STD5 460-853073/6	5.0	25.861142	50.0	176684.0	5.172228	Y
5	STD20 460-853073/7	20.0	112.306113	50.0	175360.0	5.615306	Y
6	STD50 460-853073/8	50.0	280.78273	50.0	192608.0	5.615655	Y
7	STD200 460-853073/9	200.0	1190.36778	50.0	202295.0	5.951839	Y
8	STD500 460-853073/10	500.0	3033.653649	50.0	229773.0	6.067307	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

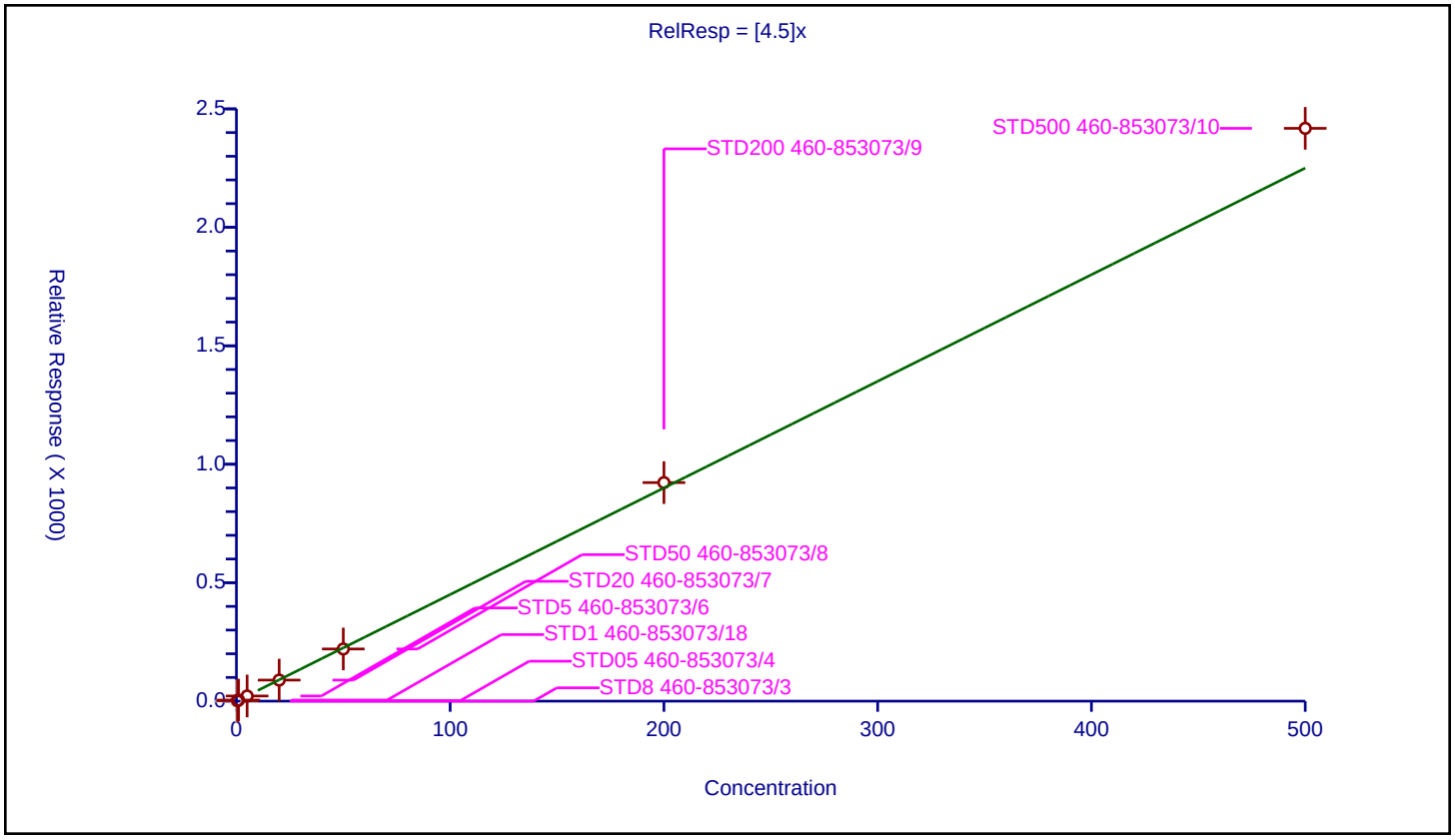
Curve Coefficients

Intercept:	0
Slope:	4.5

Error Coefficients

Standard Error:	4800000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.202832	50.0	188235.0	4.405663	Y
3	STD1 460-853073/18	1.0	4.45707	50.0	189564.0	4.45707	Y
4	STD5 460-853073/6	5.0	21.725793	50.0	176684.0	4.345159	Y
5	STD20 460-853073/7	20.0	88.829551	50.0	175360.0	4.441478	Y
6	STD50 460-853073/8	50.0	220.232545	50.0	192608.0	4.404651	Y
7	STD200 460-853073/9	200.0	922.538867	50.0	202295.0	4.612694	Y
8	STD500 460-853073/10	500.0	2417.97078	50.0	229773.0	4.835942	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

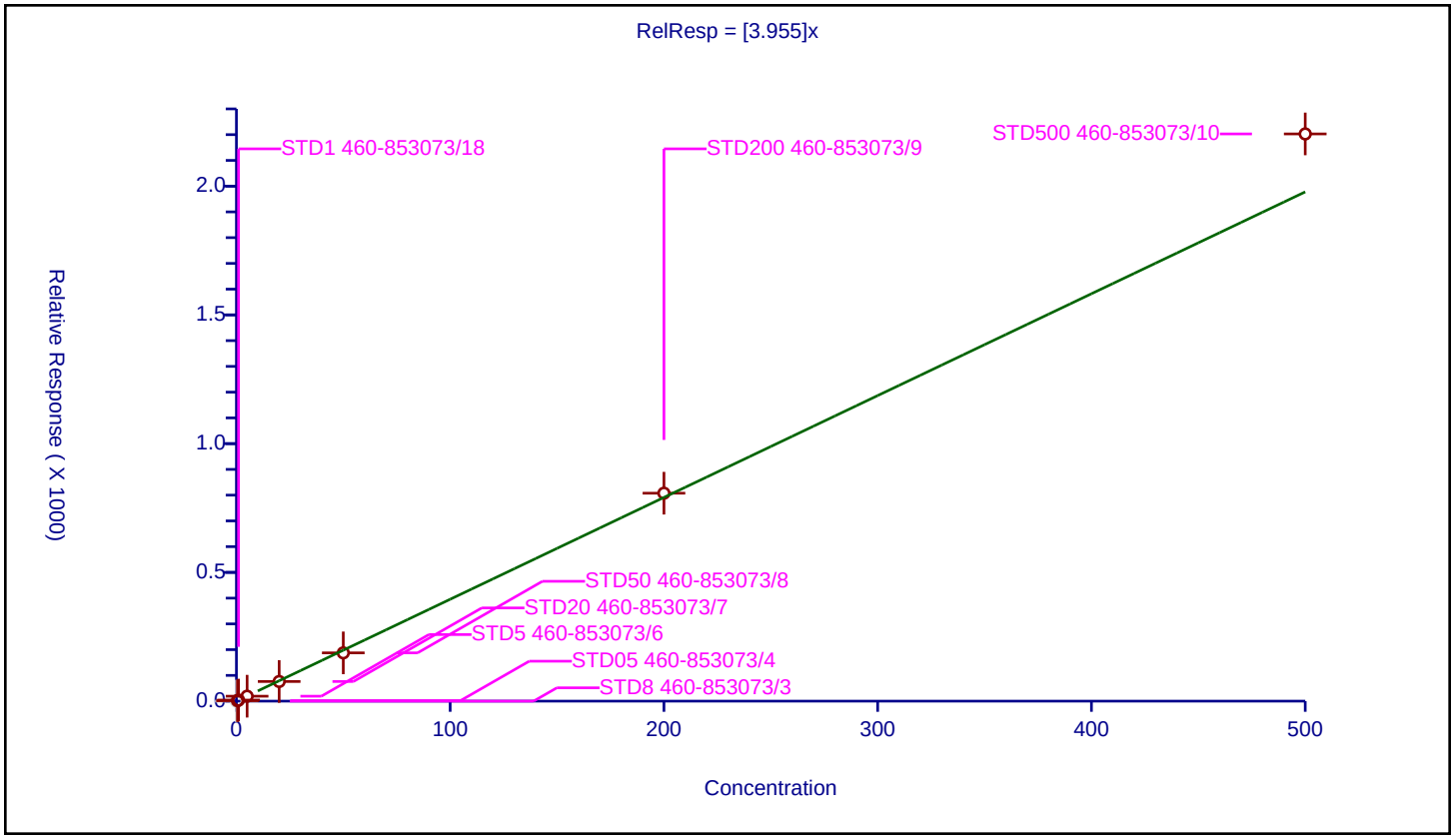
Curve Coefficients

Intercept:	0
Slope:	3.955

Error Coefficients

Standard Error:	4350000
Relative Standard Error:	6.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.860175	50.0	188235.0	3.72035	Y
3	STD1 460-853073/18	1.0	4.114705	50.0	189564.0	4.114705	Y
4	STD5 460-853073/6	5.0	19.231226	50.0	176684.0	3.846245	Y
5	STD20 460-853073/7	20.0	76.254277	50.0	175360.0	3.812714	Y
6	STD50 460-853073/8	50.0	187.491693	50.0	192608.0	3.749834	Y
7	STD200 460-853073/9	200.0	807.553326	50.0	202295.0	4.037767	Y
8	STD500 460-853073/10	500.0	2202.780788	50.0	229773.0	4.405562	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

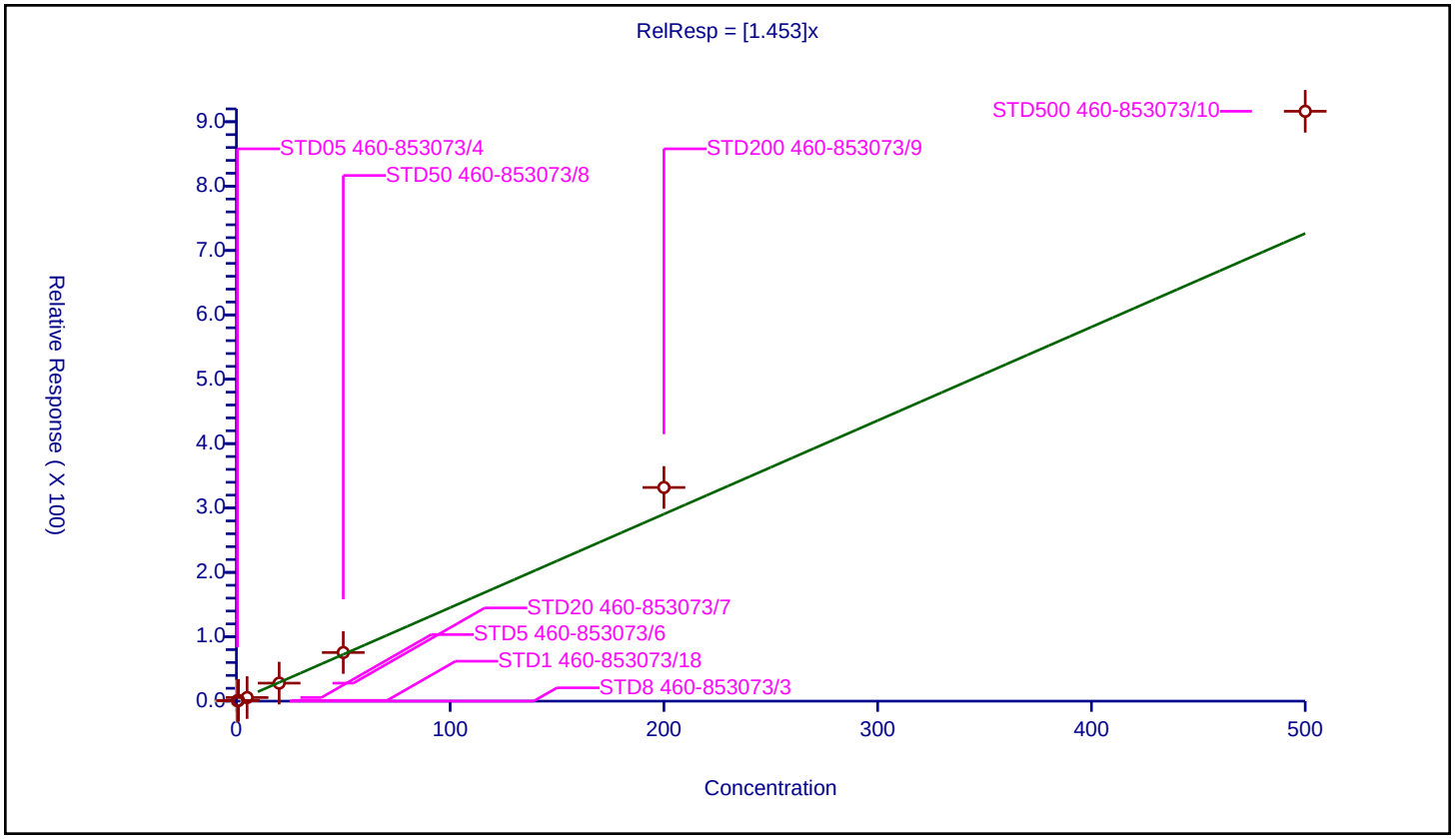
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	17.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.74322	50.0	188235.0	1.48644	Y
3	STD1 460-853073/18	1.0	1.159239	50.0	189564.0	1.159239	Y
4	STD5 460-853073/6	5.0	5.612846	50.0	176684.0	1.122569	Y
5	STD20 460-853073/7	20.0	27.99042	50.0	175360.0	1.399521	Y
6	STD50 460-853073/8	50.0	75.55709	50.0	192608.0	1.511142	Y
7	STD200 460-853073/9	200.0	331.91898	50.0	202295.0	1.659595	Y
8	STD500 460-853073/10	500.0	916.290426	50.0	229773.0	1.832581	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

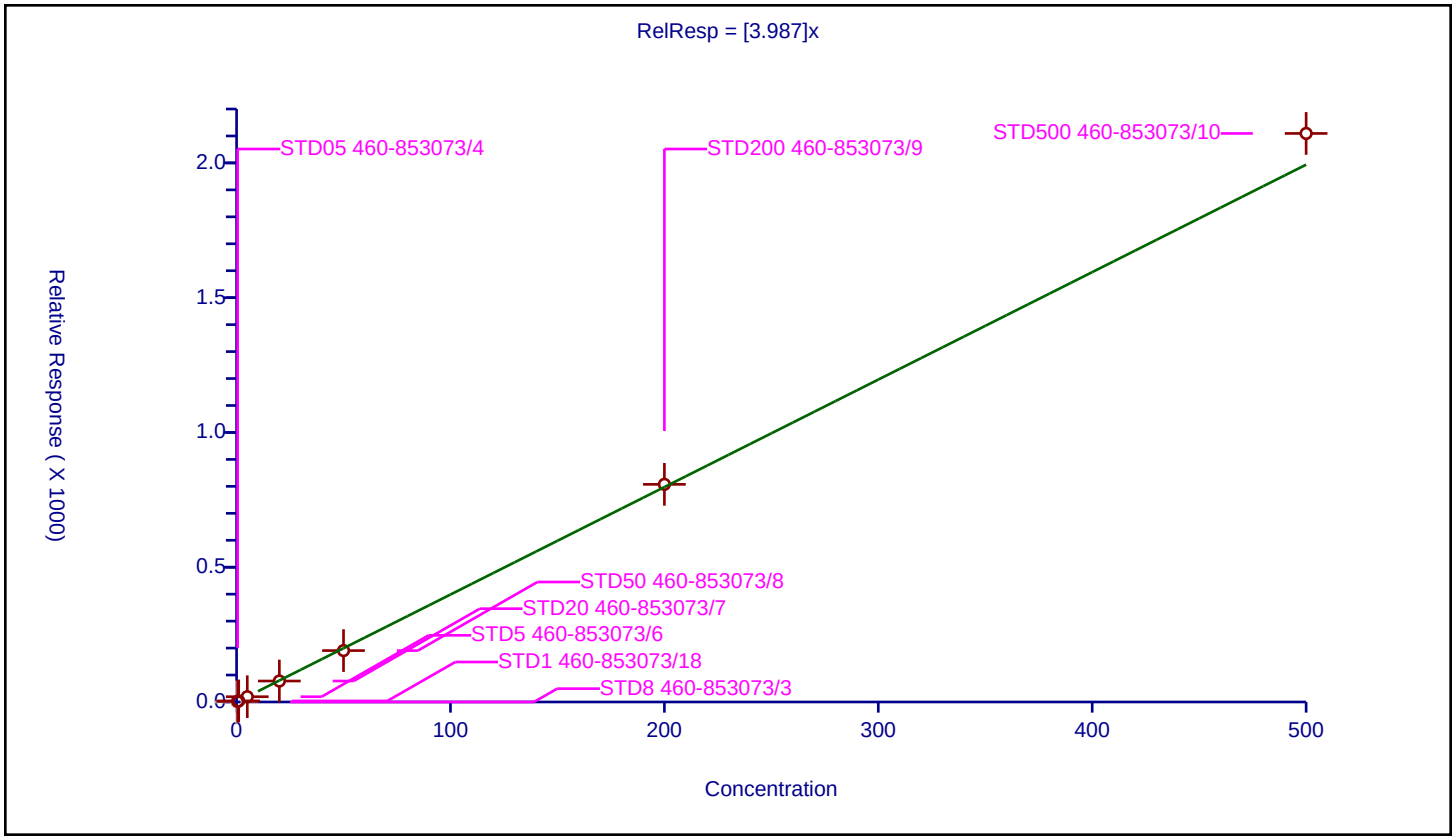
Curve Coefficients

Intercept:	0
Slope:	3.987

Error Coefficients

Standard Error:	4190000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.086222	50.0	188235.0	4.172444	Y
3	STD1 460-853073/18	1.0	3.86202	50.0	189564.0	3.86202	Y
4	STD5 460-853073/6	5.0	19.57025	50.0	176684.0	3.91405	Y
5	STD20 460-853073/7	20.0	77.793396	50.0	175360.0	3.88967	Y
6	STD50 460-853073/8	50.0	190.723127	50.0	192608.0	3.814463	Y
7	STD200 460-853073/9	200.0	807.432215	50.0	202295.0	4.037161	Y
8	STD500 460-853073/10	500.0	2109.38622	50.0	229773.0	4.218772	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

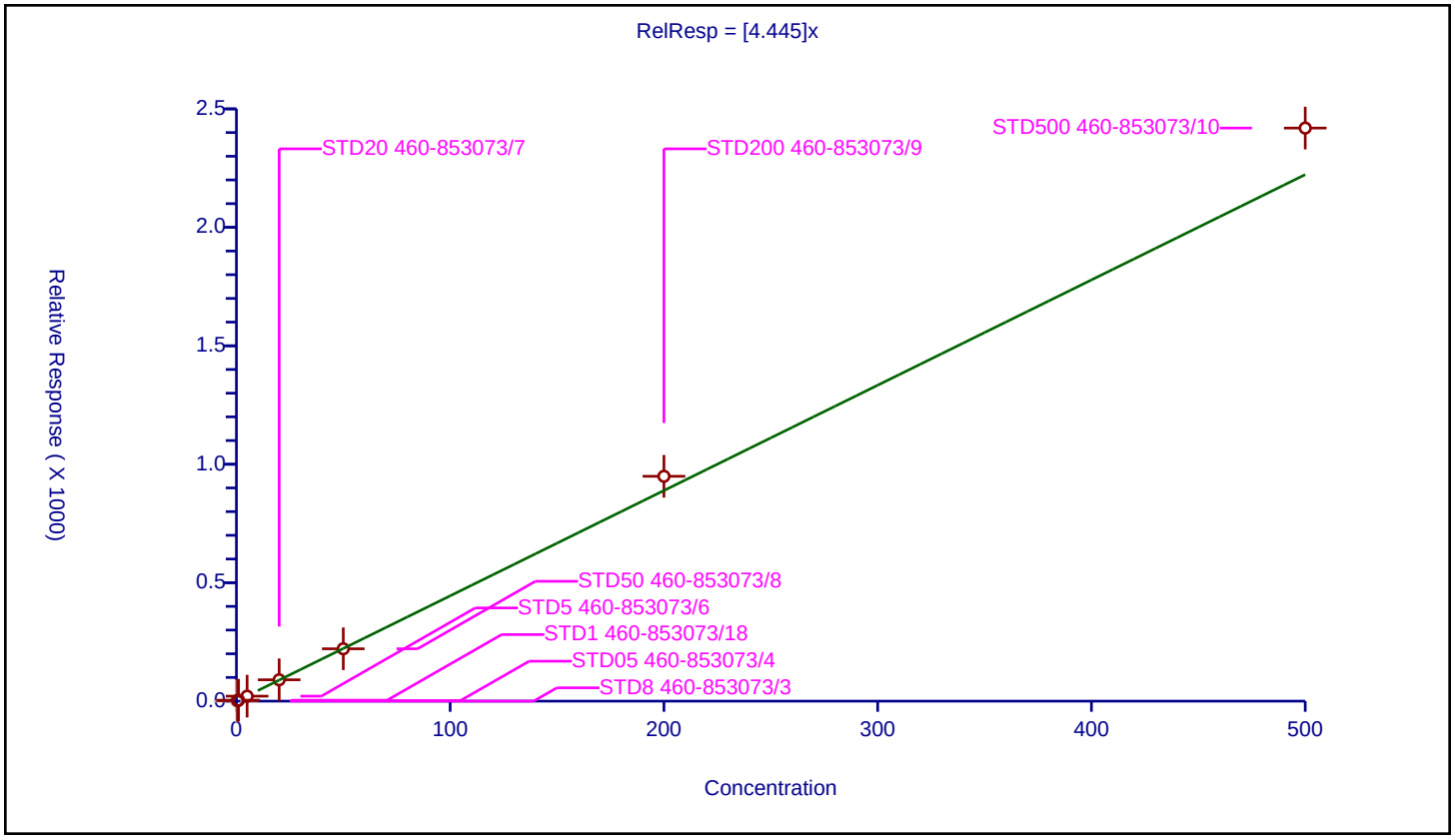
Curve Coefficients

Intercept:	0
Slope:	4.445

Error Coefficients

Standard Error:	4810000
Relative Standard Error:	6.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.197785	50.0	188235.0	4.395569	Y
3	STD1 460-853073/18	1.0	3.993111	50.0	189564.0	3.993111	Y
4	STD5 460-853073/6	5.0	21.08029	50.0	176684.0	4.216058	Y
5	STD20 460-853073/7	20.0	90.151403	50.0	175360.0	4.50757	Y
6	STD50 460-853073/8	50.0	220.988744	50.0	192608.0	4.419775	Y
7	STD200 460-853073/9	200.0	949.190044	50.0	202295.0	4.74595	Y
8	STD500 460-853073/10	500.0	2418.995487	50.0	229773.0	4.837991	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

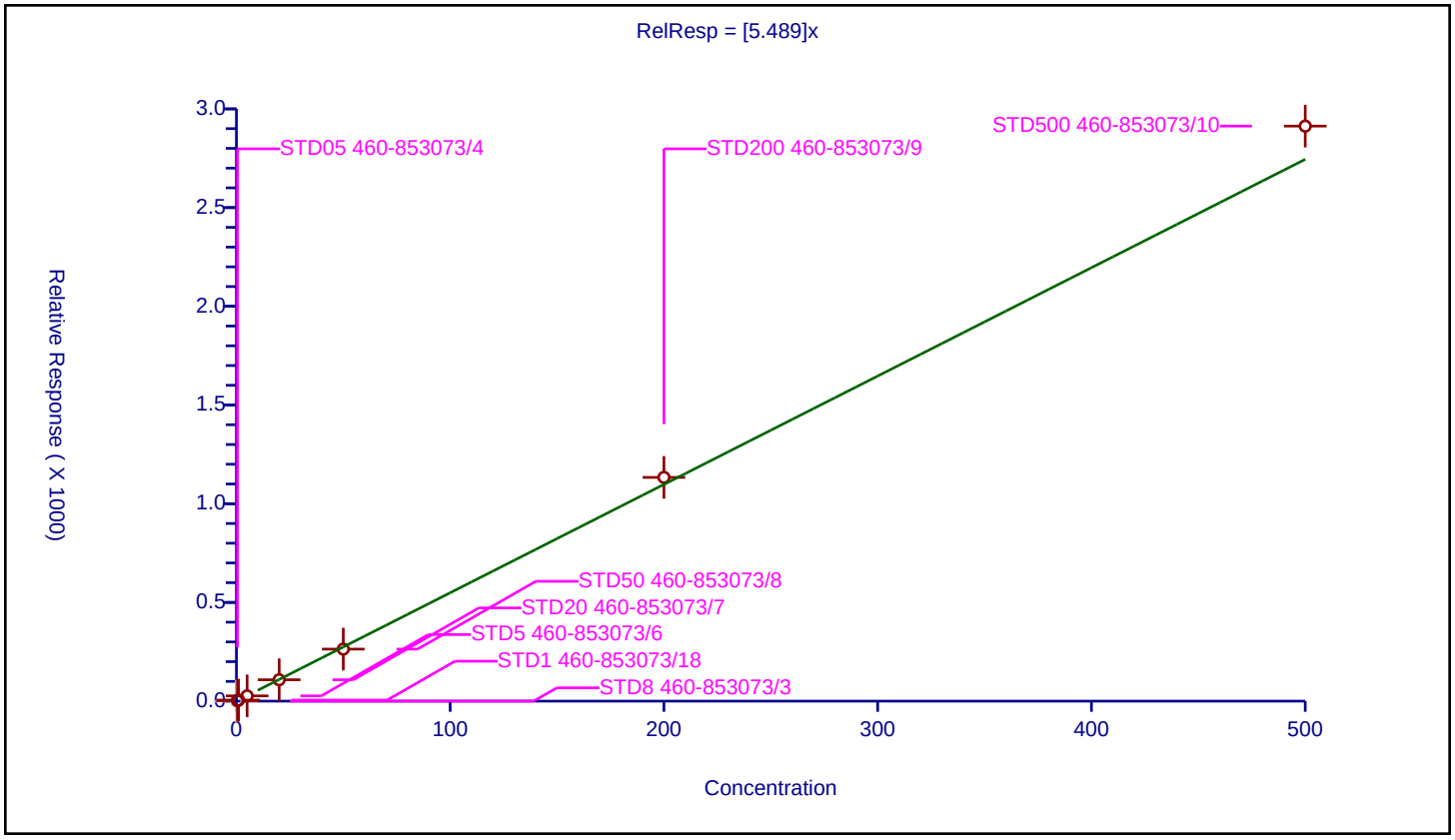
Curve Coefficients

Intercept:	0
Slope:	5.489

Error Coefficients

Standard Error:	5790000
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 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.802614	50.0	188235.0	5.605228	Y
3	STD1 460-853073/18	1.0	5.321686	50.0	189564.0	5.321686	Y
4	STD5 460-853073/6	5.0	26.578524	50.0	176684.0	5.315705	Y
5	STD20 460-853073/7	20.0	108.324875	50.0	175360.0	5.416244	Y
6	STD50 460-853073/8	50.0	263.585365	50.0	192608.0	5.271707	Y
7	STD200 460-853073/9	200.0	1133.404187	50.0	202295.0	5.667021	Y
8	STD500 460-853073/10	500.0	2912.777611	50.0	229773.0	5.825555	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

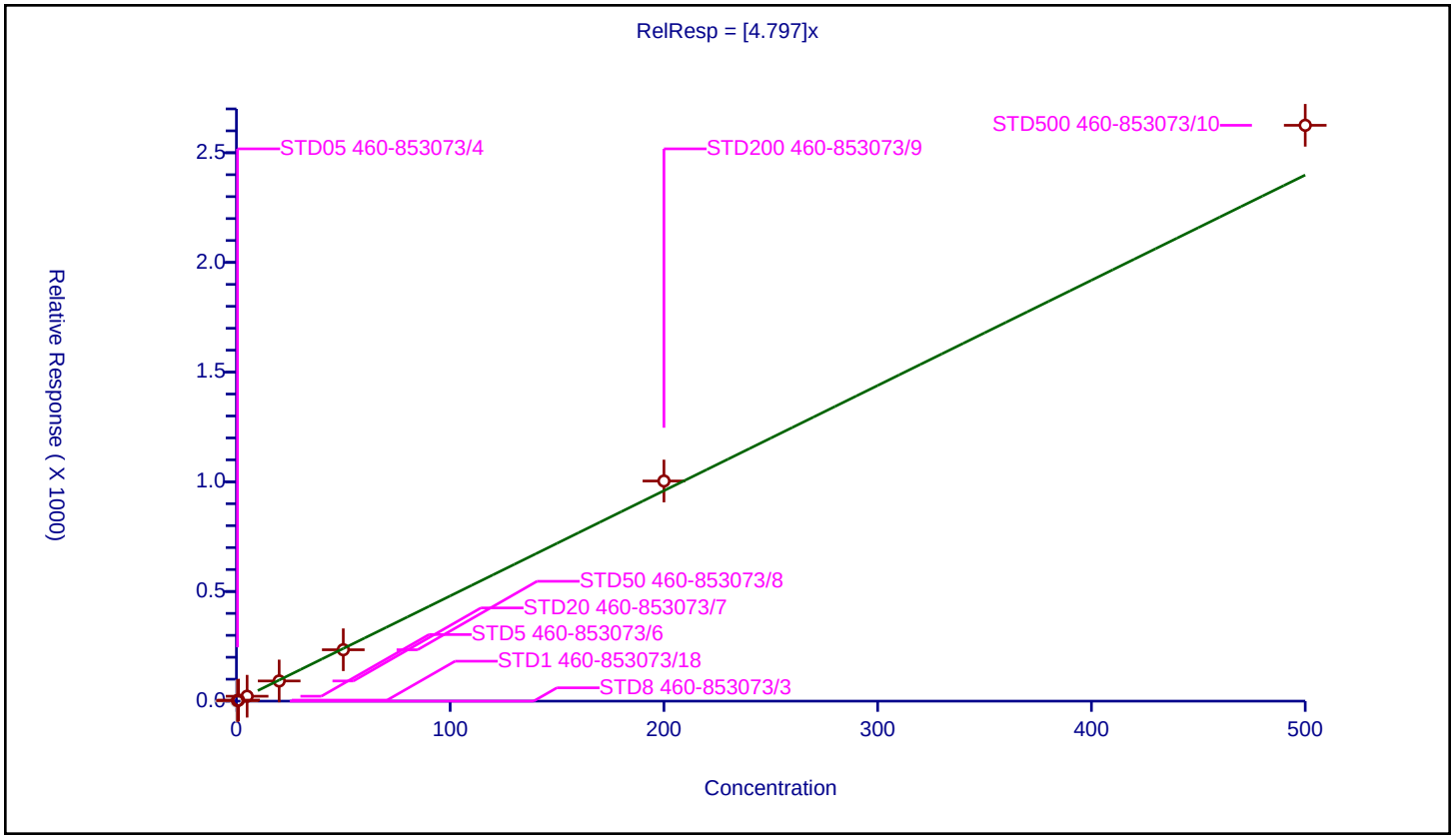
Curve Coefficients

Intercept:	0
Slope:	4.797

Error Coefficients

Standard Error:	5210000
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 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.462082	50.0	188235.0	4.924164	Y
3	STD1 460-853073/18	1.0	4.630626	50.0	189564.0	4.630626	Y
4	STD5 460-853073/6	5.0	22.349222	50.0	176684.0	4.469844	Y
5	STD20 460-853073/7	20.0	91.985344	50.0	175360.0	4.599267	Y
6	STD50 460-853073/8	50.0	234.304909	50.0	192608.0	4.686098	Y
7	STD200 460-853073/9	200.0	1003.659754	50.0	202295.0	5.018299	Y
8	STD500 460-853073/10	500.0	2625.257537	50.0	229773.0	5.250515	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

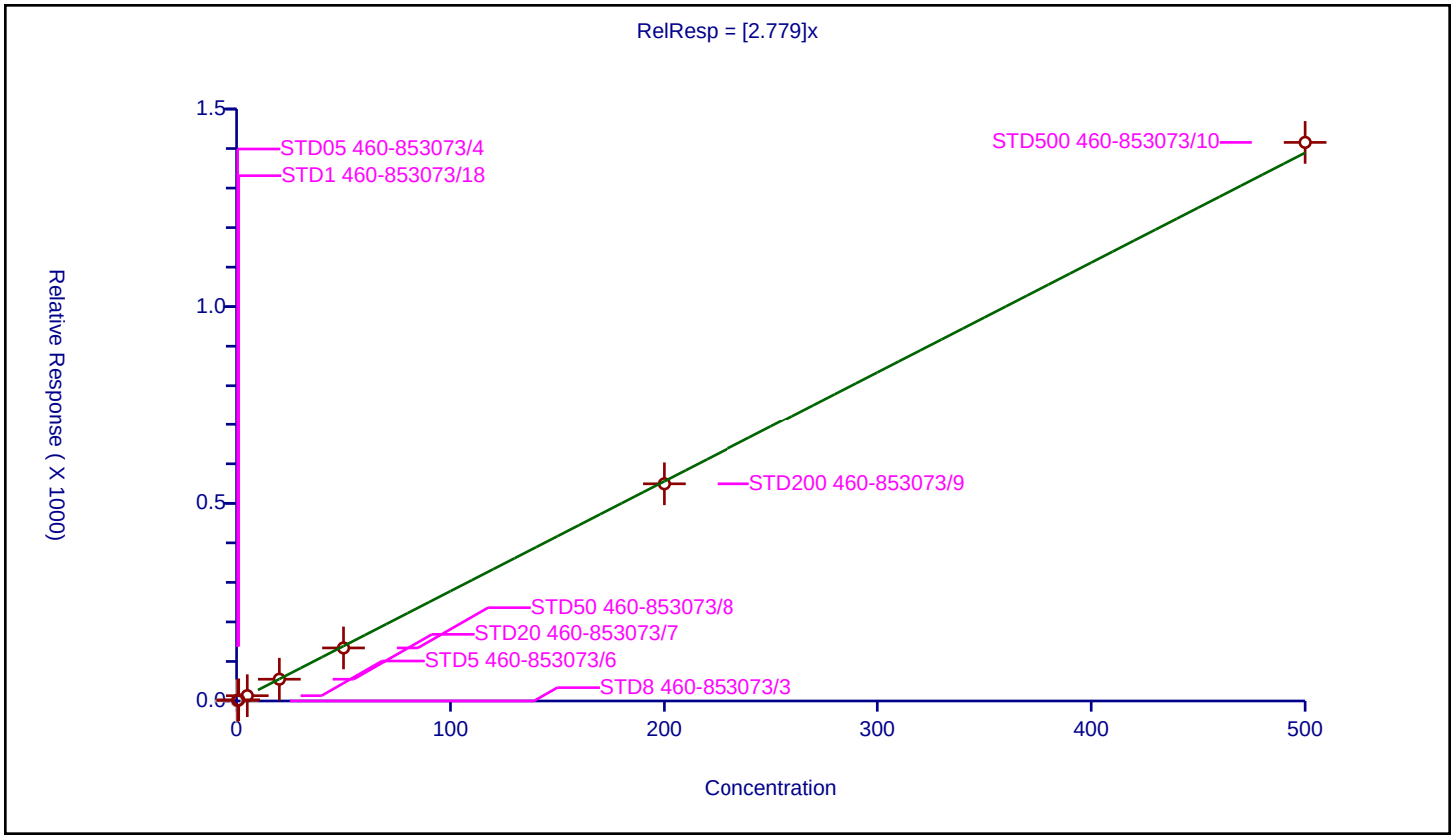
Curve Coefficients

Intercept:	0
Slope:	2.779

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	3.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.412862	50.0	188235.0	2.825723	Y
3	STD1 460-853073/18	1.0	2.924342	50.0	189564.0	2.924342	Y
4	STD5 460-853073/6	5.0	13.423117	50.0	176684.0	2.684623	Y
5	STD20 460-853073/7	20.0	55.07898	50.0	175360.0	2.753949	Y
6	STD50 460-853073/8	50.0	134.172257	50.0	192608.0	2.683445	Y
7	STD200 460-853073/9	200.0	549.381102	50.0	202295.0	2.746906	Y
8	STD500 460-853073/10	500.0	1415.550348	50.0	229773.0	2.831101	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

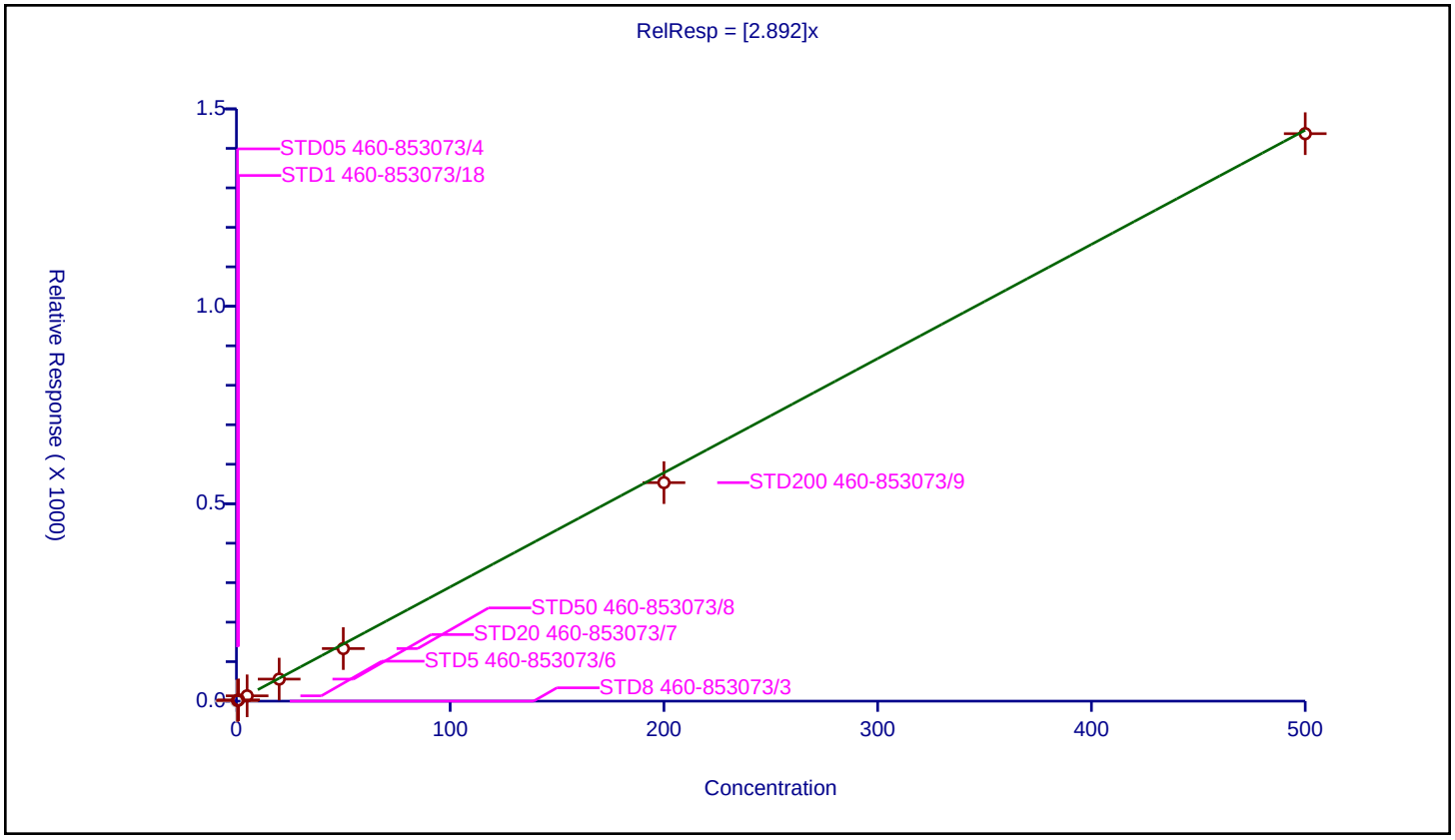
Curve Coefficients

Intercept:	0
Slope:	2.892

Error Coefficients

Standard Error:	2860000
Relative Standard Error:	8.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.649003	50.0	188235.0	3.298005	Y
3	STD1 460-853073/18	1.0	3.163575	50.0	189564.0	3.163575	Y
4	STD5 460-853073/6	5.0	13.447454	50.0	176684.0	2.689491	Y
5	STD20 460-853073/7	20.0	55.794081	50.0	175360.0	2.789704	Y
6	STD50 460-853073/8	50.0	133.124273	50.0	192608.0	2.662485	Y
7	STD200 460-853073/9	200.0	553.463012	50.0	202295.0	2.767315	Y
8	STD500 460-853073/10	500.0	1437.248067	50.0	229773.0	2.874496	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

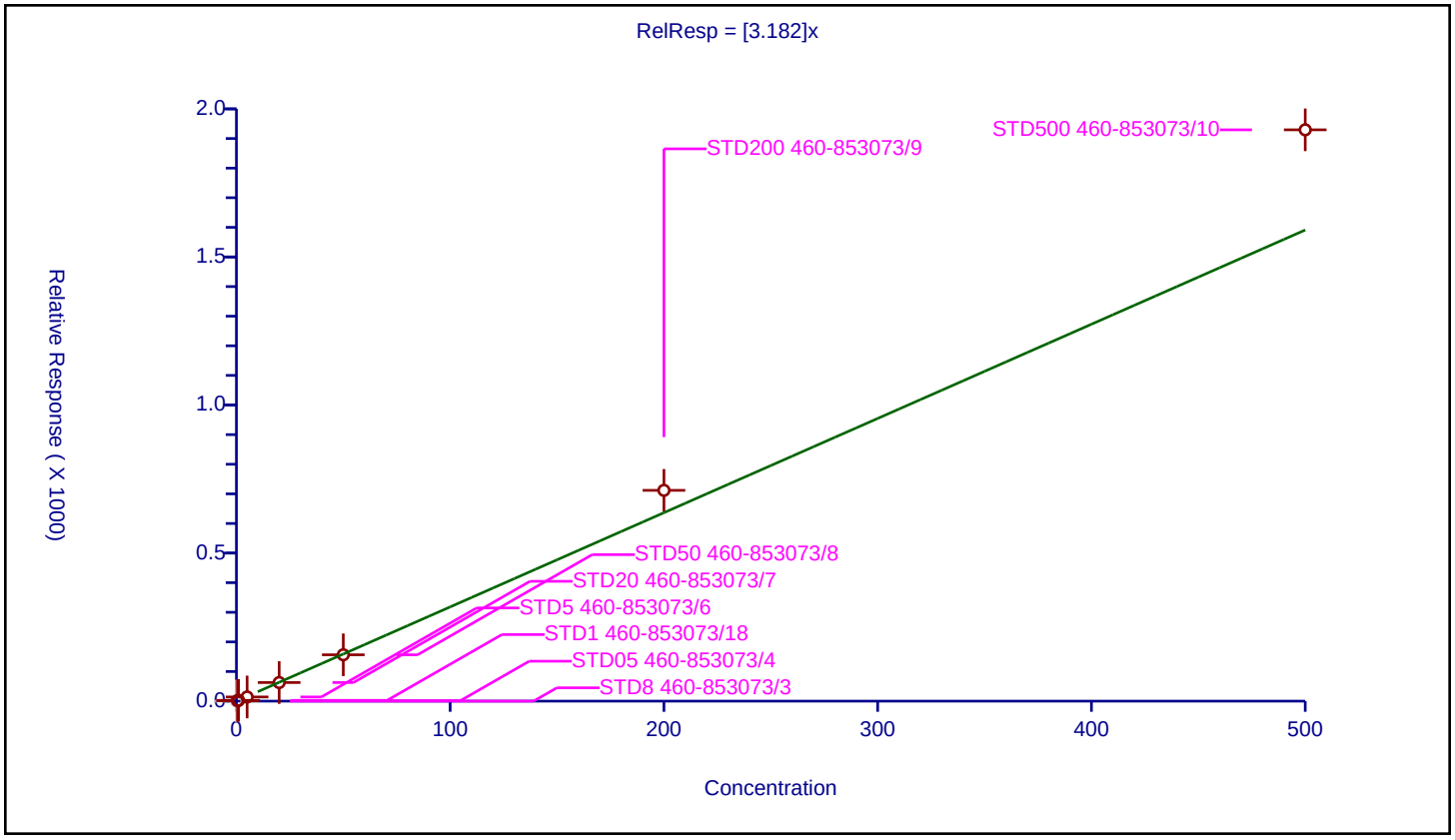
Curve Coefficients

Intercept:	0
Slope:	3.182

Error Coefficients

Standard Error:	3810000
Relative Standard Error:	13.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.579143	50.0	188235.0	3.158286	Y
3	STD1 460-853073/18	1.0	2.615739	50.0	189564.0	2.615739	Y
4	STD5 460-853073/6	5.0	14.051357	50.0	176684.0	2.810271	Y
5	STD20 460-853073/7	20.0	62.820484	50.0	175360.0	3.141024	Y
6	STD50 460-853073/8	50.0	156.55113	50.0	192608.0	3.131023	Y
7	STD200 460-853073/9	200.0	711.869794	50.0	202295.0	3.559349	Y
8	STD500 460-853073/10	500.0	1929.271281	50.0	229773.0	3.858543	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

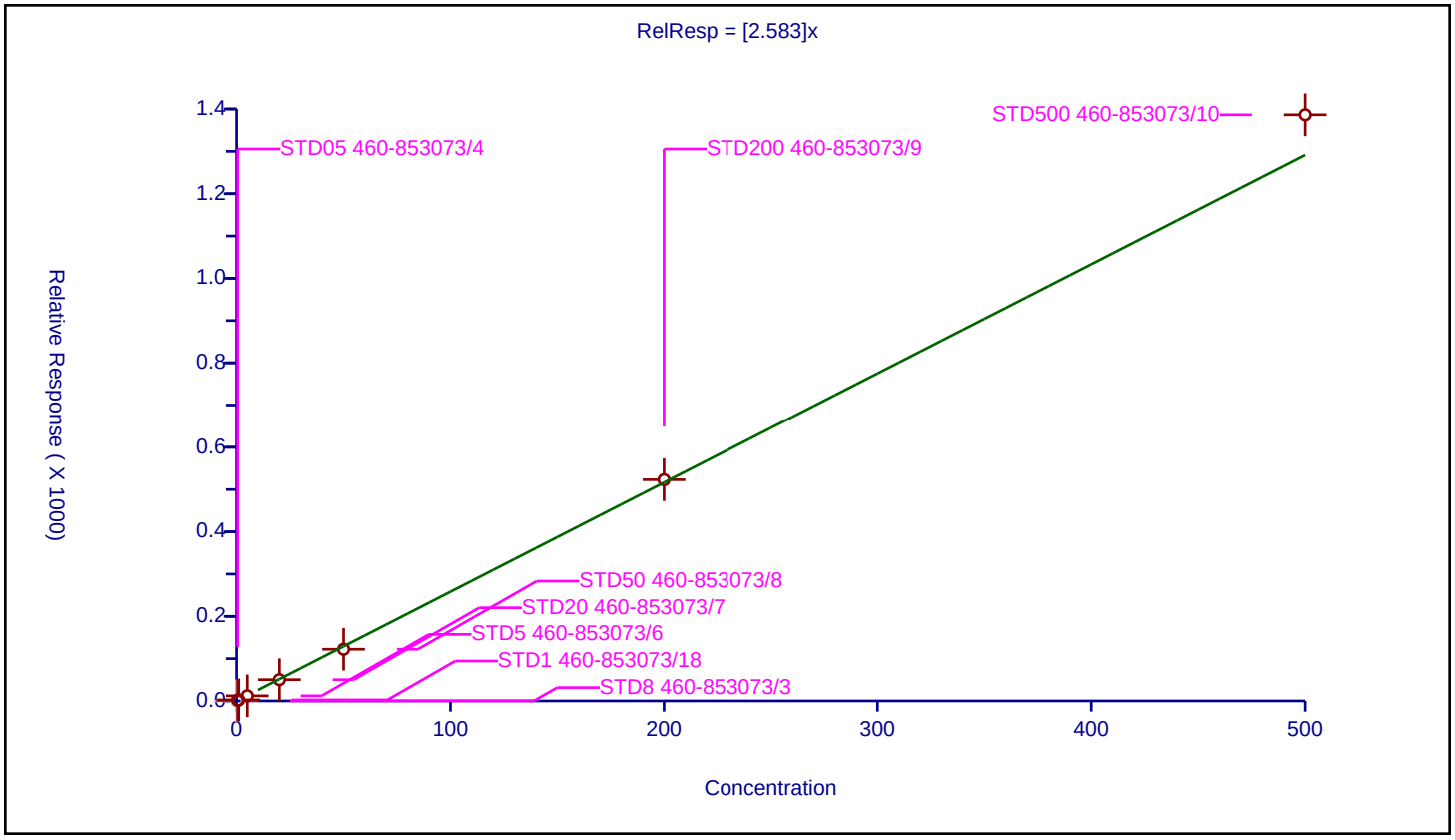
Curve Coefficients

Intercept:	0
Slope:	2.583

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.40994	50.0	188235.0	2.819879	Y
3	STD1 460-853073/18	1.0	2.491507	50.0	189564.0	2.491507	Y
4	STD5 460-853073/6	5.0	12.1007	50.0	176684.0	2.42014	Y
5	STD20 460-853073/7	20.0	50.293396	50.0	175360.0	2.51467	Y
6	STD50 460-853073/8	50.0	122.25946	50.0	192608.0	2.445189	Y
7	STD200 460-853073/9	200.0	523.228206	50.0	202295.0	2.616141	Y
8	STD500 460-853073/10	500.0	1386.296693	50.0	229773.0	2.772593	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

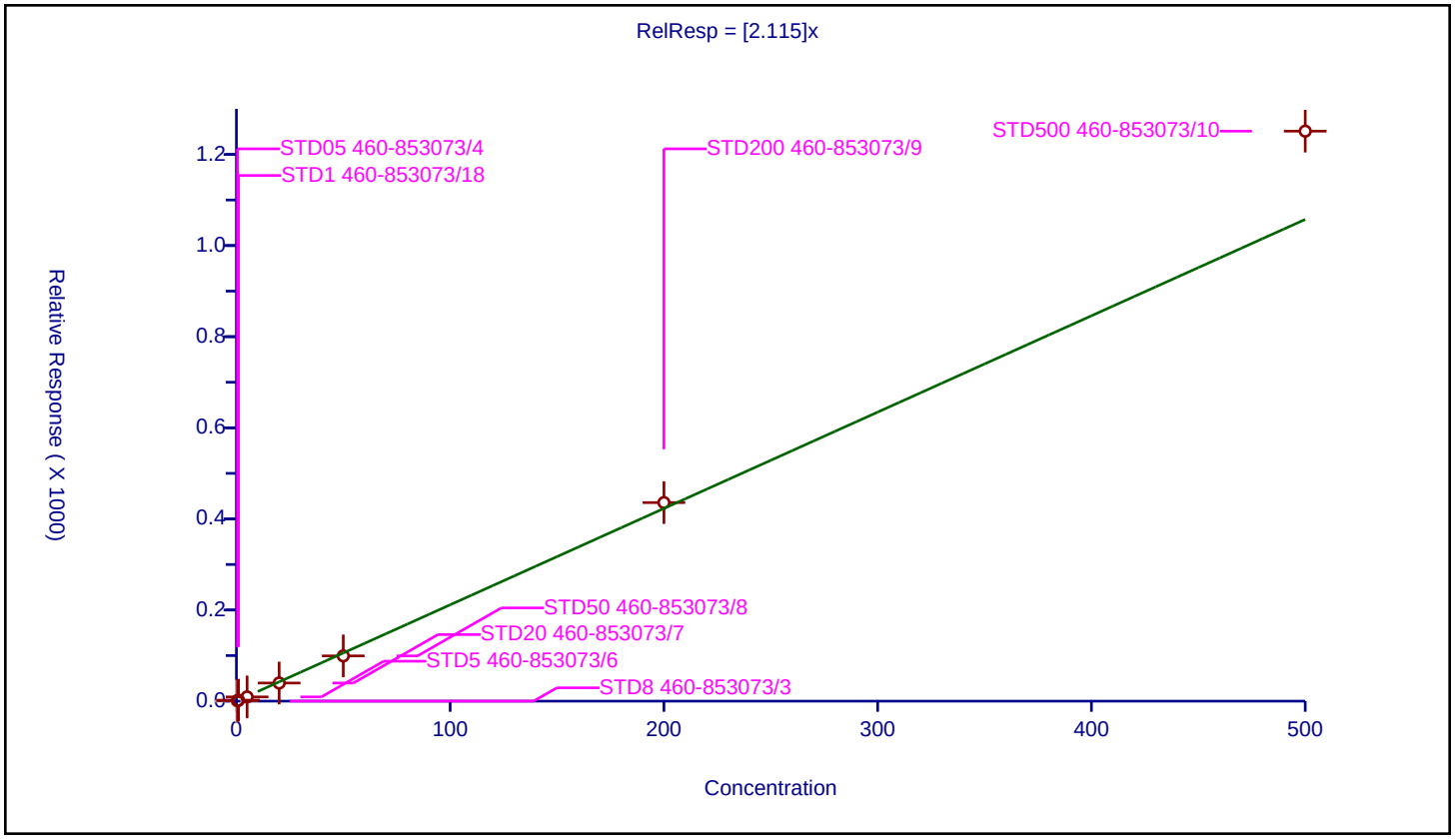
Curve Coefficients

Intercept:	0
Slope:	2.115

Error Coefficients

Standard Error:	2460000
Relative Standard Error:	9.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.077111	50.0	188235.0	2.154222	Y
3	STD1 460-853073/18	1.0	2.13569	50.0	189564.0	2.13569	Y
4	STD5 460-853073/6	5.0	9.281542	50.0	176684.0	1.856308	Y
5	STD20 460-853073/7	20.0	39.78872	50.0	175360.0	1.989436	Y
6	STD50 460-853073/8	50.0	99.272097	50.0	192608.0	1.985442	Y
7	STD200 460-853073/9	200.0	435.8867	50.0	202295.0	2.179434	Y
8	STD500 460-853073/10	500.0	1251.123718	50.0	229773.0	2.502247	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

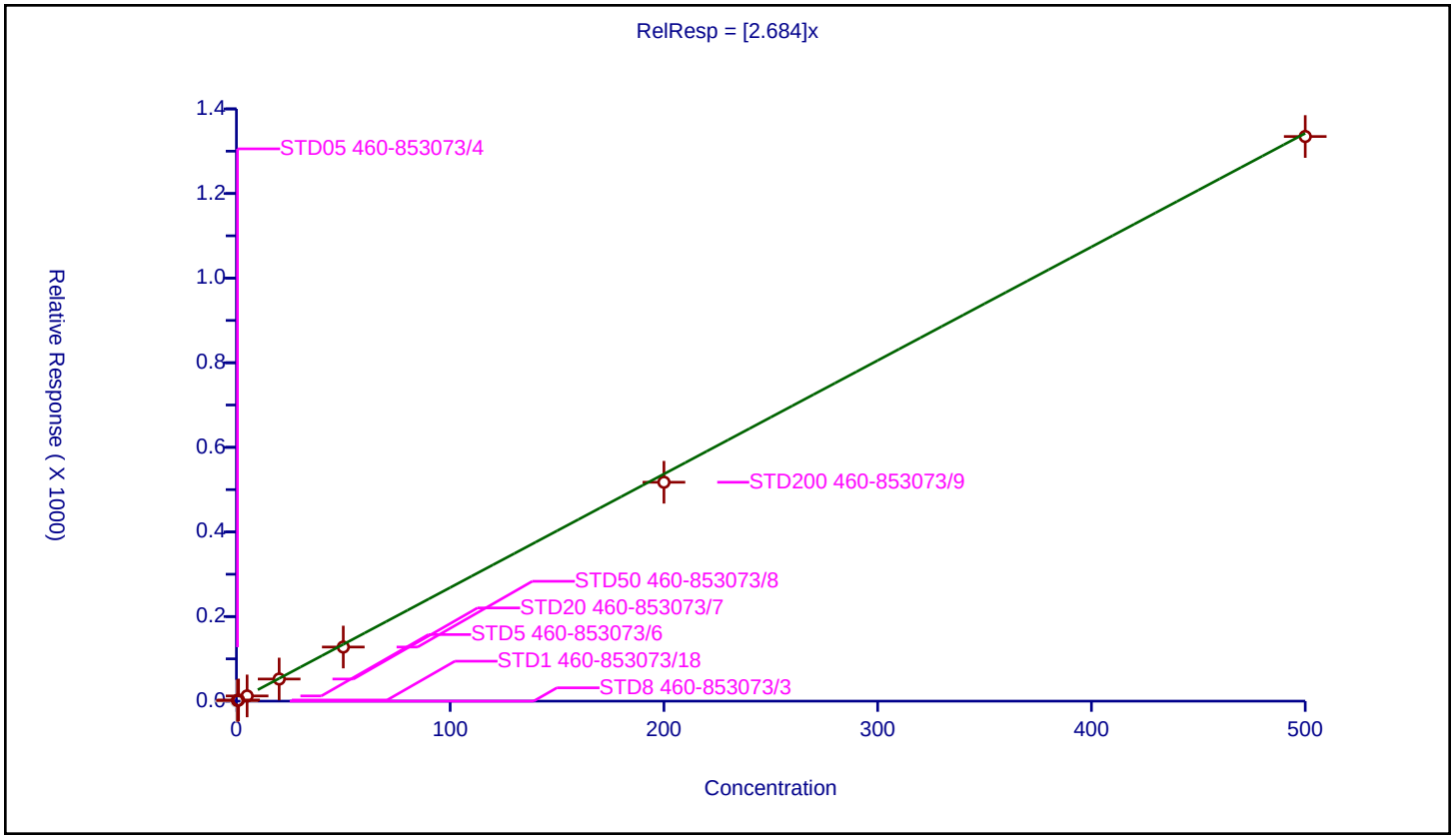
Curve Coefficients

Intercept:	0
Slope:	2.684

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	9.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.627753	50.0	188235.0	3.255505	Y
3	STD1 460-853073/18	1.0	2.645545	50.0	189564.0	2.645545	Y
4	STD5 460-853073/6	5.0	12.305302	50.0	176684.0	2.46106	Y
5	STD20 460-853073/7	20.0	52.285299	50.0	175360.0	2.614265	Y
6	STD50 460-853073/8	50.0	127.896038	50.0	192608.0	2.557921	Y
7	STD200 460-853073/9	200.0	517.462122	50.0	202295.0	2.587311	Y
8	STD500 460-853073/10	500.0	1334.701205	50.0	229773.0	2.669402	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

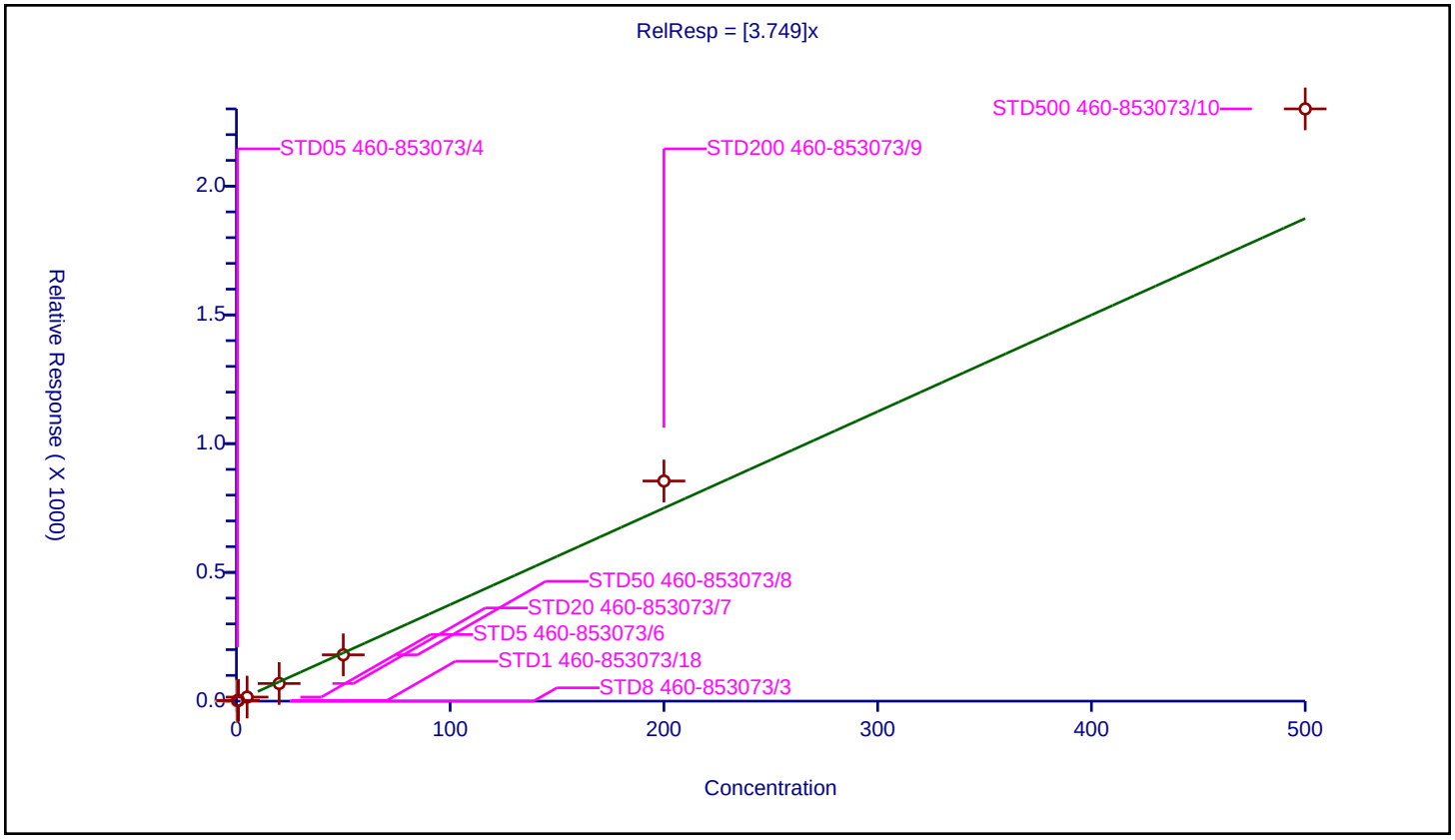
Curve Coefficients

Intercept:	0
Slope:	3.749

Error Coefficients

Standard Error:	4550000
Relative Standard Error:	16.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	2.091535	50.0	188235.0	4.183069	Y
3	STD1 460-853073/18	1.0	3.00901	50.0	189564.0	3.00901	Y
4	STD5 460-853073/6	5.0	15.771094	50.0	176684.0	3.154219	Y
5	STD20 460-853073/7	20.0	68.418967	50.0	175360.0	3.420948	Y
6	STD50 460-853073/8	50.0	179.971237	50.0	192608.0	3.599425	Y
7	STD200 460-853073/9	200.0	854.896562	50.0	202295.0	4.274483	Y
8	STD500 460-853073/10	500.0	2299.978892	50.0	229773.0	4.599958	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

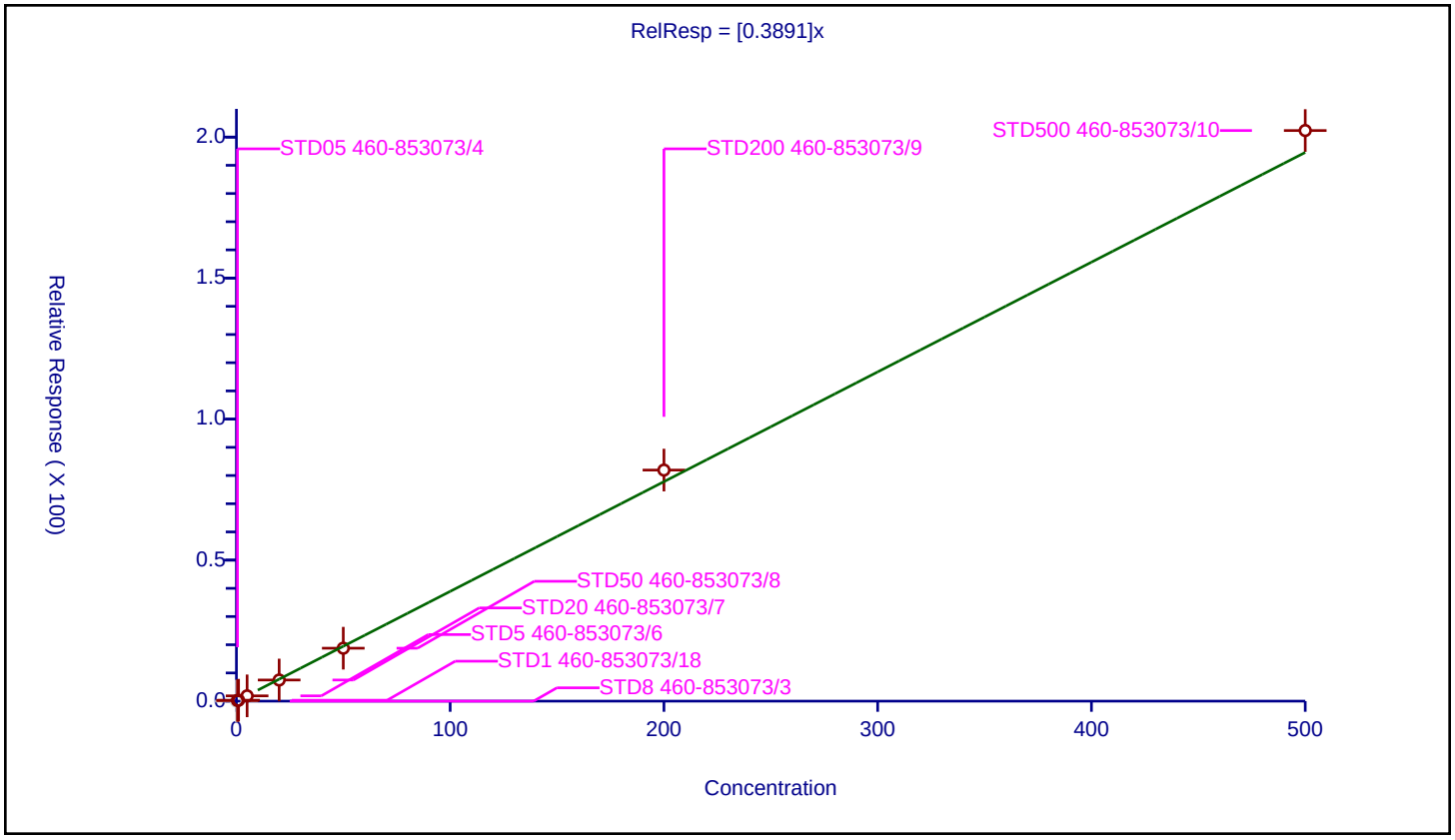
Curve Coefficients

Intercept:	0
Slope:	0.3891

Error Coefficients

Standard Error:	404000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.226844	50.0	188235.0	0.453688	Y
3	STD1 460-853073/18	1.0	0.329968	50.0	189564.0	0.329968	Y
4	STD5 460-853073/6	5.0	1.878495	50.0	176684.0	0.375699	Y
5	STD20 460-853073/7	20.0	7.495723	50.0	175360.0	0.374786	Y
6	STD50 460-853073/8	50.0	18.772066	50.0	192608.0	0.375441	Y
7	STD200 460-853073/9	200.0	81.931585	50.0	202295.0	0.409658	Y
8	STD500 460-853073/10	500.0	202.323598	50.0	229773.0	0.404647	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

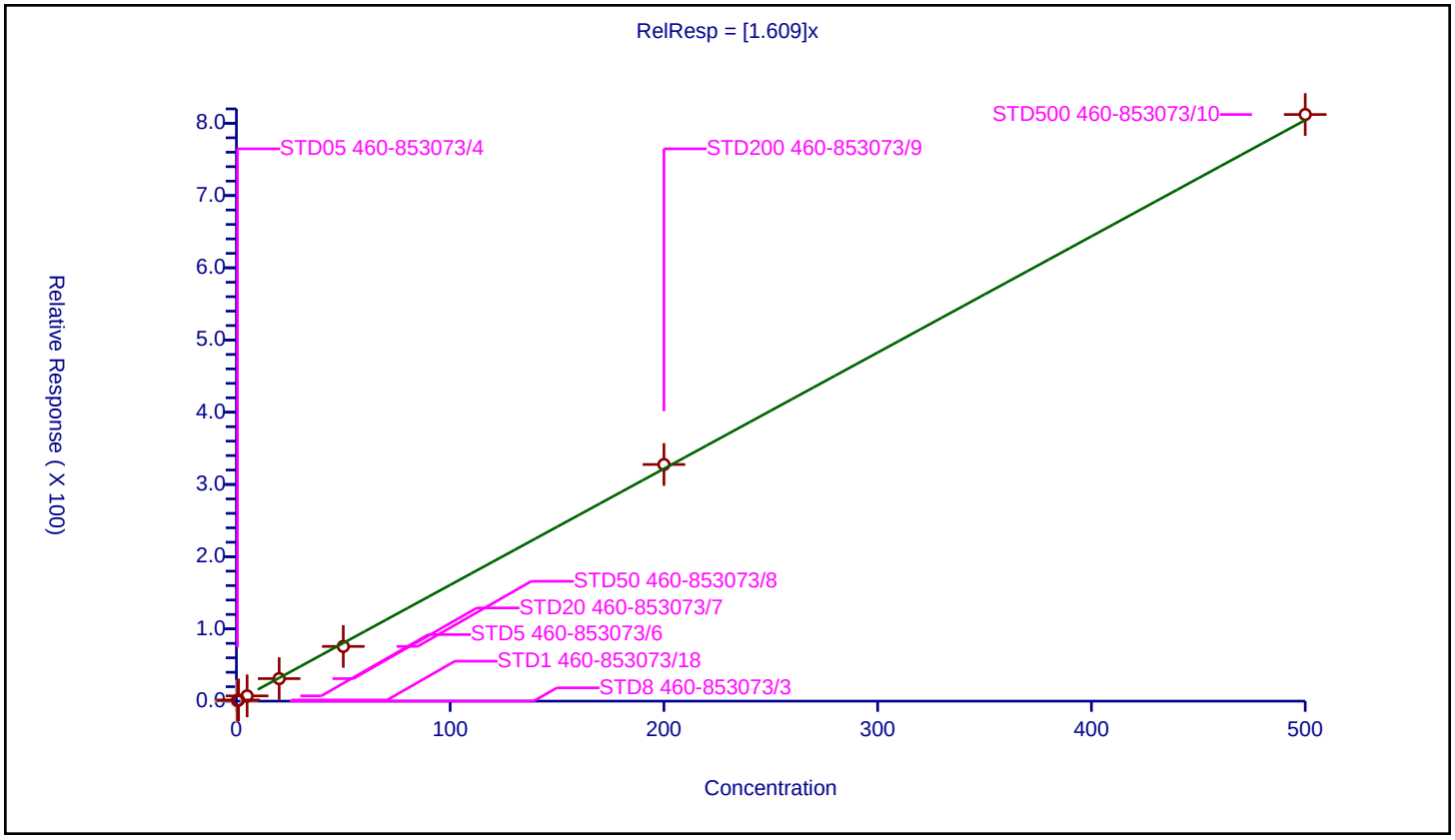
Curve Coefficients

Intercept:	0
Slope:	1.609

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.92597	50.0	188235.0	1.85194	Y
3	STD1 460-853073/18	1.0	1.606581	50.0	189564.0	1.606581	Y
4	STD5 460-853073/6	5.0	7.334563	50.0	176684.0	1.466913	Y
5	STD20 460-853073/7	20.0	31.173301	50.0	175360.0	1.558665	Y
6	STD50 460-853073/8	50.0	75.764766	50.0	192608.0	1.515295	Y
7	STD200 460-853073/9	200.0	327.652685	50.0	202295.0	1.638263	Y
8	STD500 460-853073/10	500.0	812.225762	50.0	229773.0	1.624452	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

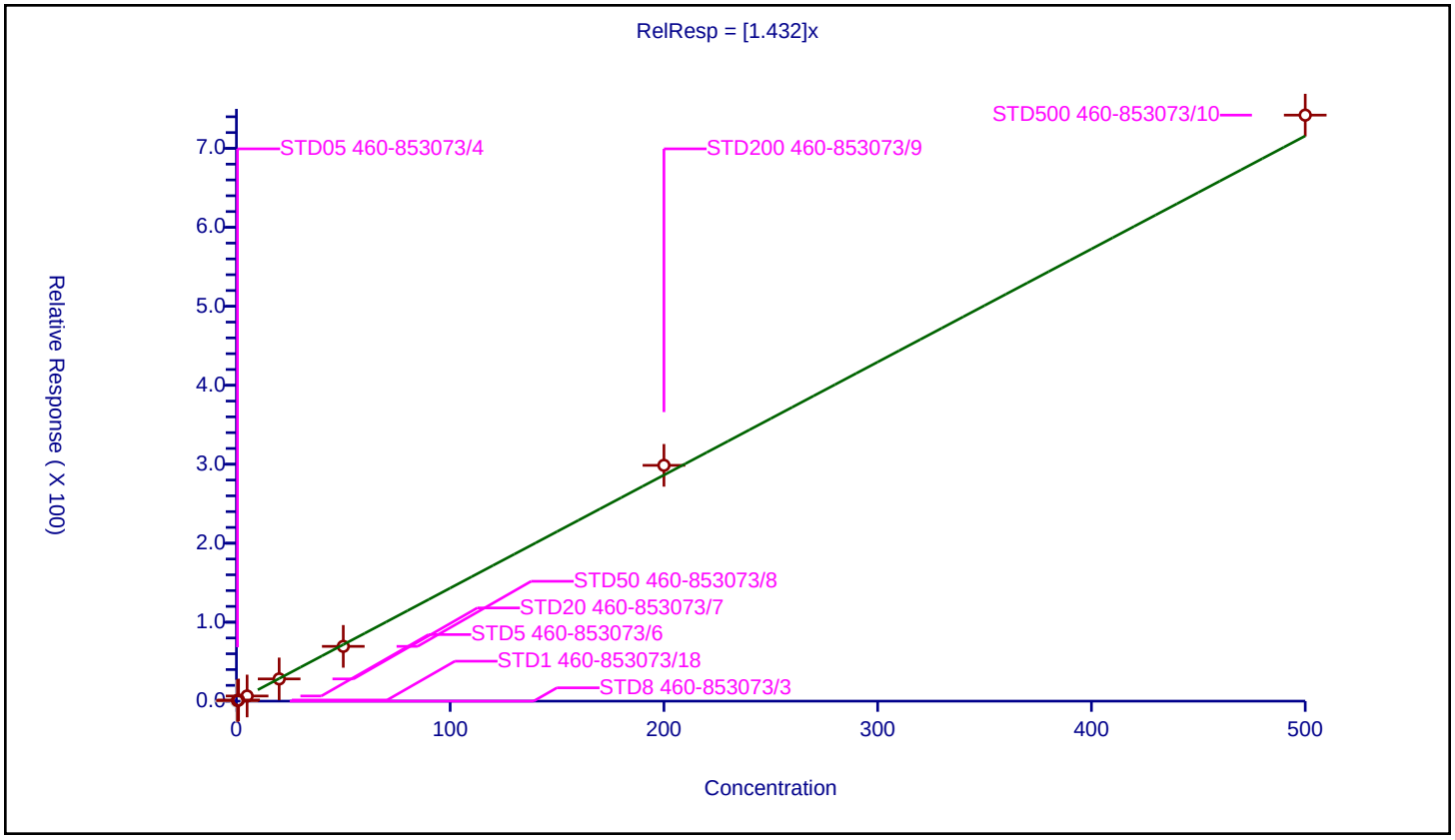
Curve Coefficients

Intercept:	0
Slope:	1.432

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.757829	50.0	188235.0	1.515659	Y
3	STD1 460-853073/18	1.0	1.430915	50.0	189564.0	1.430915	Y
4	STD5 460-853073/6	5.0	6.51304	50.0	176684.0	1.302608	Y
5	STD20 460-853073/7	20.0	28.13669	50.0	175360.0	1.406835	Y
6	STD50 460-853073/8	50.0	69.362124	50.0	192608.0	1.387242	Y
7	STD200 460-853073/9	200.0	298.615388	50.0	202295.0	1.493077	Y
8	STD500 460-853073/10	500.0	742.095242	50.0	229773.0	1.48419	Y



Calibration / Hexachlorobutadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

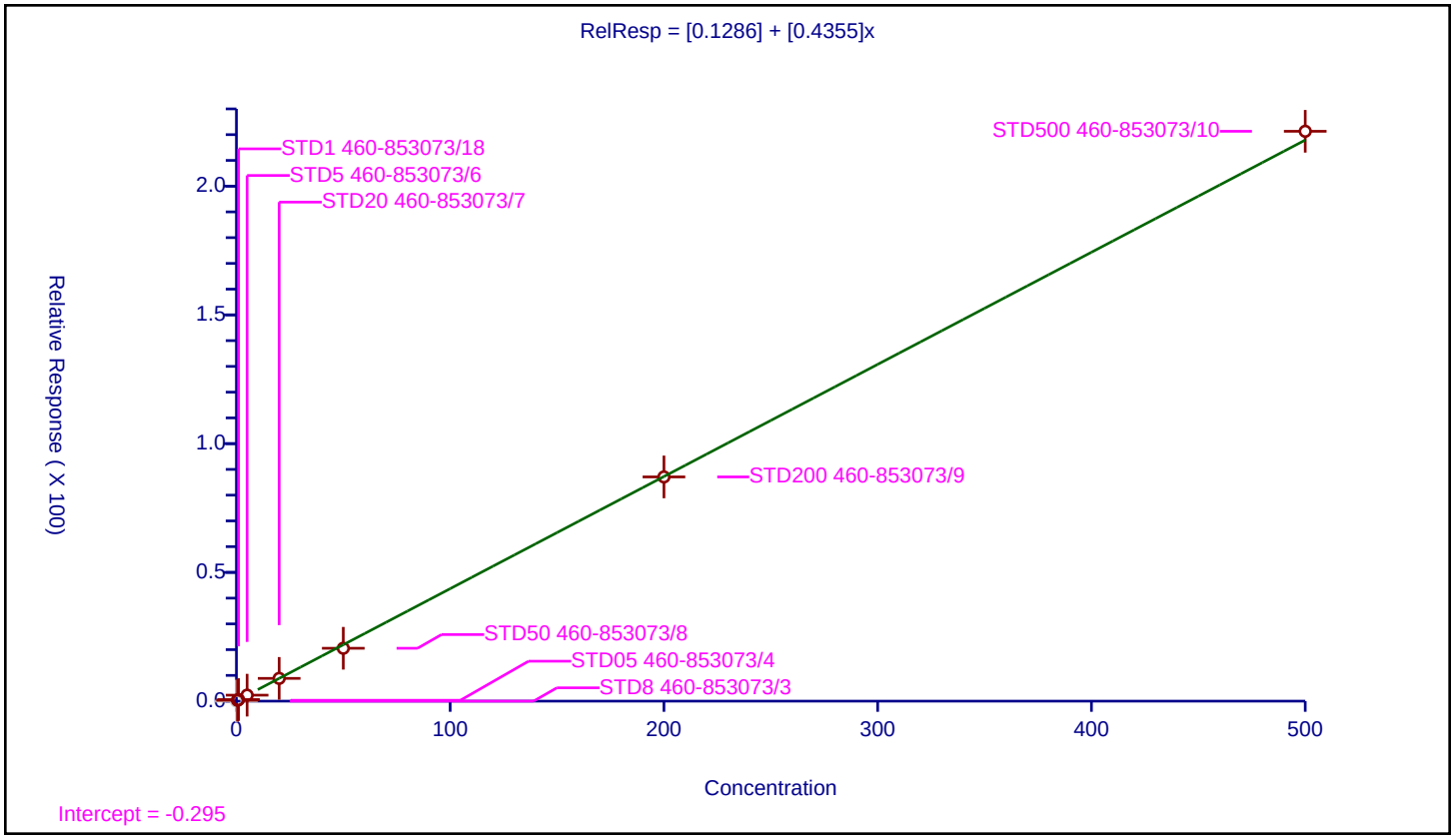
Curve Coefficients

Intercept:	0.1286
Slope:	0.4355

Error Coefficients

Standard Error:	483000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.337079	50.0	188235.0	0.674157	Y
3	STD1 460-853073/18	1.0	0.601116	50.0	189564.0	0.601116	Y
4	STD5 460-853073/6	5.0	2.320527	50.0	176684.0	0.464105	Y
5	STD20 460-853073/7	20.0	8.83896	50.0	175360.0	0.441948	Y
6	STD50 460-853073/8	50.0	20.532896	50.0	192608.0	0.410658	Y
7	STD200 460-853073/9	200.0	87.074075	50.0	202295.0	0.43537	Y
8	STD500 460-853073/10	500.0	221.296671	50.0	229773.0	0.442593	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

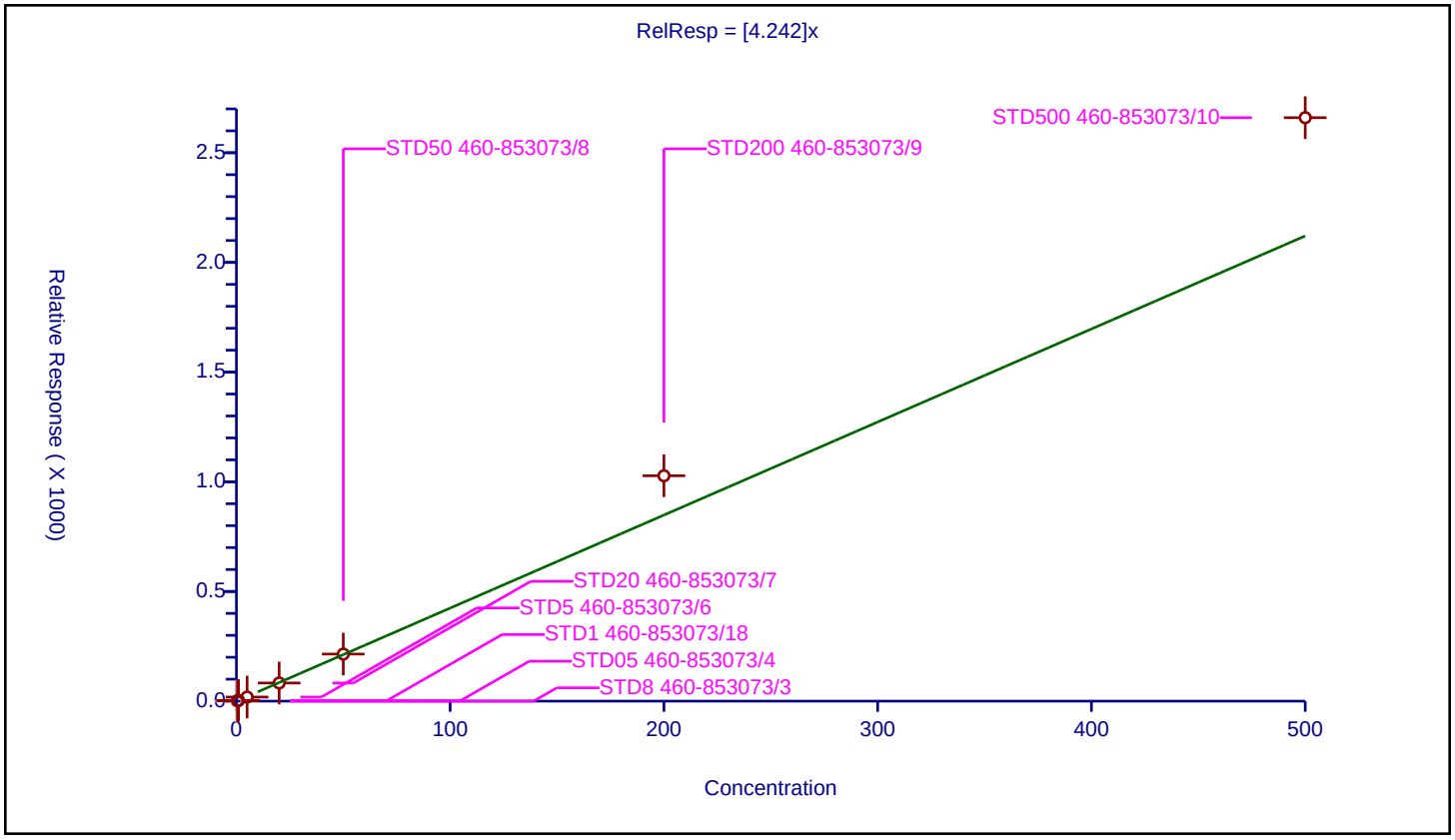
Curve Coefficients

Intercept:	0
Slope:	4.242

Error Coefficients

Standard Error:	5280000
Relative Standard Error:	18.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	1.998566	50.0	188235.0	3.997131	Y
3	STD1 460-853073/18	1.0	3.068884	50.0	189564.0	3.068884	Y
4	STD5 460-853073/6	5.0	18.694109	50.0	176684.0	3.738822	Y
5	STD20 460-853073/7	20.0	82.748061	50.0	175360.0	4.137403	Y
6	STD50 460-853073/8	50.0	214.614658	50.0	192608.0	4.292293	Y
7	STD200 460-853073/9	200.0	1027.564448	50.0	202295.0	5.137822	Y
8	STD500 460-853073/10	500.0	2659.950473	50.0	229773.0	5.319901	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

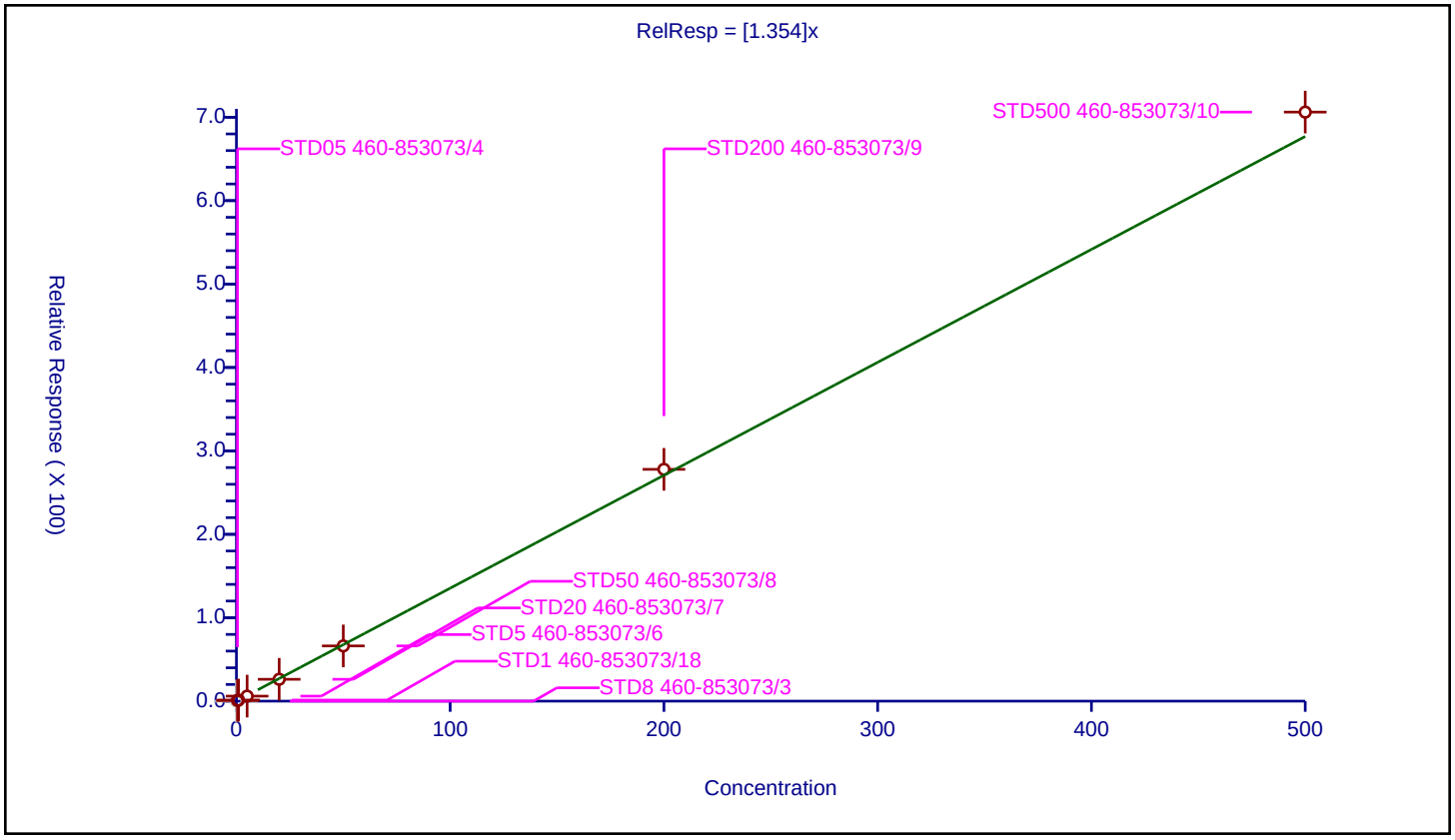
Curve Coefficients

Intercept:	0
Slope:	1.354

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	8.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-853073/3	0.0	0.0	50.0	182933.0	NaN	N
2	STD05 460-853073/4	0.5	0.777751	50.0	188235.0	1.555502	Y
3	STD1 460-853073/18	1.0	1.28057	50.0	189564.0	1.28057	Y
4	STD5 460-853073/6	5.0	6.024315	50.0	176684.0	1.204863	Y
5	STD20 460-853073/7	20.0	26.204094	50.0	175360.0	1.310205	Y
6	STD50 460-853073/8	50.0	66.21402	50.0	192608.0	1.32428	Y
7	STD200 460-853073/9	200.0	277.889963	50.0	202295.0	1.38945	Y
8	STD500 460-853073/10	500.0	706.166086	50.0	229773.0	1.412332	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: ICV 460-853073/19 Calibration Date: 07/01/2022 07:57

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21591.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	0.0410	0.0375		18.3	20.0	-8.5	30.0
Chlorotrifluoroethene	Ave	0.1999	0.1591		15.9	20.0	-20.4	30.0
1,1-Difluoroethane	Ave	0.2075	0.1962		18.9	20.0	-5.4	30.0
Dichlorodifluoromethane	Ave	0.4586	0.4881	0.1000	21.3	20.0	6.4	30.0
Chlorodifluoromethane	Ave	0.0824	0.0810		19.7	20.0	-1.7	30.0
Chloromethane	Lin2		0.4396	0.1000	18.2	20.0	-8.8	30.0
Vinyl chloride	Ave	0.5370	0.5014	0.1000	18.7	20.0	-6.6	30.0
Butadiene	Ave	0.4732	0.4660		19.7	20.0	-1.5	30.0
Bromomethane	Ave	0.3645	0.3327	0.1000	18.3	20.0	-8.7	30.0
Chloroethane	Ave	0.3271	0.2733	0.1000	16.7	20.0	-16.4	30.0
Dichlorofluoromethane	Ave	0.7591	0.6489		17.1	20.0	-14.5	30.0
Trichlorofluoromethane	Ave	0.6663	0.6505	0.1000	19.5	20.0	-2.4	30.0
Pentane	Ave	0.0844	0.1061		50.3	40.0	25.7	30.0
Ethanol	QuaF		0.4730		739	800	-7.7	30.0
Ethyl ether	Ave	0.2708	0.2725		20.1	20.0	0.6	30.0
2-Methyl-1,3-butadiene	Ave	0.4259	0.4389		20.6	20.0	3.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4433	0.4266		19.2	20.0	-3.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6303	0.6233		19.8	20.0	-1.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4204	0.4739	0.1000	22.5	20.0	12.7	30.0
Acrolein	Ave	0.0674	0.0704		41.8	40.1	4.5	30.0
1,1-Dichloroethene	Ave	0.4256	0.4542	0.1000	21.3	20.0	6.7	30.0
Acetone	Ave	1.604	1.473	0.0500	91.8	100	-8.2	30.0
Iodomethane	Ave	0.7014	0.5717		16.3	20.0	-18.5	30.0
Isopropyl alcohol	Ave	6.582	6.756		205	200	2.6	30.0
Carbon disulfide	Ave	1.284	1.315	0.1000	20.5	20.0	2.4	30.0
3-Chloro-1-propene	Ave	0.3283	0.3191		19.4	20.0	-2.8	30.0
Methyl acetate	Ave	0.3597	0.3503	0.1000	39.0	40.0	-2.6	30.0
Cyclopentene	Ave	1.136	1.217		21.4	20.0	7.2	30.0
Acetonitrile	Ave	0.5883	0.5557		189	200	-5.6	30.0
Methylene Chloride	Ave	0.4535	0.4372	0.1000	19.3	20.0	-3.6	30.0
2-Methyl-2-propanol	Lin2		13.74		195	200	-2.4	30.0
Methyl tert-butyl ether	Ave	1.410	1.351	0.1000	19.2	20.0	-4.2	30.0
trans-1,2-Dichloroethene	Ave	0.5210	0.4876	0.1000	18.7	20.0	-6.4	30.0
Acrylonitrile	Ave	0.1752	0.1864		213	200	6.4	30.0
Hexane	Ave	0.4994	0.6381		25.6	20.0	27.8	30.0
Isopropyl ether	Ave	1.339	1.260		18.8	20.0	-6.0	30.0
1,1-Dichloroethane	Ave	0.8130	0.7802	0.2000	19.2	20.0	-4.0	30.0
Vinyl acetate	Ave	1.270	1.334		42.0	40.0	5.1	30.0
2-Chloro-1,3-butadiene	Ave	0.4653	0.4504		19.4	20.0	-3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: ICV 460-853073/19 Calibration Date: 07/01/2022 07:57

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21591.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
Tert-butyl ethyl ether	Ave	1.364	1.343		19.7	20.0	-1.5	30.0
2,2-Dichloropropane	Ave	0.1864	0.1779		19.1	20.0	-4.6	30.0
cis-1,2-Dichloroethene	Ave	0.5805	0.5041	0.1000	17.4	20.0	-13.2	30.0
Ethyl acetate	Ave	0.6622	0.6557		39.6	40.0	-1.0	30.0
Methyl Ethyl Ketone	Ave	0.7573	0.7928	0.0500	105	100	4.7	30.0
Methyl acrylate	Lin2		0.4005		19.9	20.0	-0.7	30.0
Propionitrile	Ave	0.0644	0.0727		226	200	12.9	30.0
Chlorobromomethane	Ave	0.2928	0.2663		18.2	20.0	-9.0	30.0
Tetrahydrofuran	Ave	0.0774	0.0772		39.9	40.0	-0.3	30.0
Methacrylonitrile	Ave	0.2240	0.2203		197	200	-1.6	30.0
Chloroform	Ave	0.8064	0.7487	0.2000	18.6	20.0	-7.1	30.0
1,1,1-Trichloroethane	Ave	0.7366	0.7308	0.1000	19.8	20.0	-0.8	30.0
Cyclohexane	Ave	0.6879	0.7845	0.1000	22.8	20.0	14.0	30.0
Carbon tetrachloride	Ave	0.6039	0.6118	0.1000	20.3	20.0	1.3	30.0
1,1-Dichloropropene	Ave	0.6492	0.6533		20.1	20.0	0.6	30.0
Isobutyl alcohol	Lin2		7.834		495	500	-0.9	30.0
Benzene	Ave	2.536	2.458	0.5000	19.4	20.0	-3.1	30.0
Isopropyl acetate	Ave	0.4861	0.4664		19.2	20.0	-4.1	30.0
Tert-amyl methyl ether	Ave	1.485	1.406		18.9	20.0	-5.3	30.0
1,2-Dichloroethane	Ave	0.5886	0.5394	0.1000	18.3	20.0	-8.4	30.0
n-Heptane	Ave	0.2261	0.2928		25.9	20.0	29.5	30.0
n-Butanol	Ave	2.484	2.314		466	500	-6.8	30.0
Trichloroethene	Ave	0.5006	0.5036	0.2000	20.1	20.0	0.6	30.0
Ethyl acrylate	Ave	0.0733	0.0911		24.9	20.0	24.3	30.0
Methylcyclohexane	Ave	0.6702	0.8379	0.1000	25.0	20.0	25.0	30.0
1,2-Dichloropropane	Ave	0.4353	0.4262	0.1000	19.6	20.0	-2.1	30.0
Methyl methacrylate	Ave	0.1553	0.1613		41.5	40.0	3.8	30.0
1,4-Dioxane	QuaF		2.653		269	400	-32.8*	30.0
Dibromomethane	Ave	0.2905	0.2815		19.4	20.0	-3.1	30.0
n-Propyl acetate	Ave	0.6434	0.6605		20.5	20.0	2.7	30.0
Bromodichloromethane	Ave	0.5987	0.5750	0.2000	19.2	20.0	-4.0	30.0
2-Nitropropane	Ave	0.1604	0.1495		37.3	40.0	-6.8	30.0
2-Chloroethyl vinyl ether	Ave	0.2994	0.2930		19.6	20.0	-2.1	30.0
Epichlorohydrin	Ave	0.5881	0.4829		16.4	20.0	-17.9	30.0
cis-1,3-Dichloropropene	Ave	1.028	0.9498	0.2000	18.5	20.0	-7.6	30.0
methyl isobutyl ketone	Ave	4.920	5.082	0.0500	103	100	3.3	30.0
Toluene	Ave	2.875	2.740	0.4000	19.1	20.0	-4.7	30.0
trans-1,3-Dichloropropene	Ave	0.9317	0.8884	0.1000	19.1	20.0	-4.6	30.0
Ethyl methacrylate	Ave	0.7178	0.7228		20.1	20.0	0.7	30.0
1,1,2-Trichloroethane	Ave	0.4910	0.4681	0.1000	19.1	20.0	-4.7	30.0
Tetrachloroethene	Ave	0.7312	0.7383	0.2000	20.2	20.0	1.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: ICV 460-853073/19 Calibration Date: 07/01/2022 07:57

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21591.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	0.9452	0.9698		20.5	20.0	2.6	30.0
2-Hexanone	Ave	3.113	3.359	0.0500	108	100	7.9	30.0
n-Butyl acetate	Qua2		0.9264		21.6	20.0	8.0	30.0
Dibromochloromethane	Ave	0.6653	0.6215	0.1000	18.7	20.0	-6.6	30.0
Ethylene Dibromide	Ave	0.6008	0.5927	0.1000	19.7	20.0	-1.3	30.0
Chlorobenzene	Ave	1.888	1.810	0.5000	19.2	20.0	-4.1	30.0
Ethylbenzene	Ave	0.9579	0.9735	0.1000	20.3	20.0	1.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6159	0.6152		20.0	20.0	-0.1	30.0
m-Xylene & p-Xylene	Ave	1.170	1.200	0.1000	20.5	20.0	2.5	30.0
o-Xylene	Ave	1.169	1.153	0.3000	19.7	20.0	-1.3	30.0
n-Butyl acrylate	Ave	0.4513	0.4423		19.6	20.0	-2.0	30.0
Styrene	Ave	1.805	1.817	0.3000	20.1	20.0	0.7	30.0
Amyl acetate (mixed isomers)	Ave	1.836	1.914		20.9	20.0	4.3	30.0
Bromoform	Ave	0.4329	0.4252	0.1000	19.6	20.0	-1.8	30.0
Isopropylbenzene	Ave	2.896	2.944	0.1000	20.3	20.0	1.7	30.0
Bromobenzene	Ave	1.543	1.519		19.7	20.0	-1.6	30.0
1,1,2,2-Tetrachloroethane	Ave	1.583	1.608	0.3000	20.3	20.0	1.6	30.0
N-Propylbenzene	Ave	6.351	6.519		20.5	20.0	2.6	30.0
1,2,3-Trichloropropane	Lin2		0.5172		21.0	20.0	5.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4268	0.4106		19.2	20.0	-3.8	30.0
2-Chlorotoluene	Ave	4.210	4.268		20.3	20.0	1.4	30.0
4-Ethyltoluene	Ave	5.699	5.786		20.3	20.0	1.5	30.0
1,3,5-Trimethylbenzene	Ave	4.500	4.570		20.3	20.0	1.5	30.0
4-Chlorotoluene	Ave	3.955	3.968		20.1	20.0	0.3	30.0
Butyl Methacrylate	Ave	1.453	1.412		19.4	20.0	-2.8	30.0
tert-Butylbenzene	Ave	3.987	4.010		20.1	20.0	0.6	30.0
1,2,4-Trimethylbenzene	Ave	4.445	4.515		20.3	20.0	1.6	30.0
sec-Butylbenzene	Ave	5.489	5.755		21.0	20.0	4.8	30.0
4-Isopropyltoluene	Ave	4.797	5.015		20.9	20.0	4.5	30.0
1,3-Dichlorobenzene	Ave	2.779	2.800	0.6000	20.2	20.0	0.8	30.0
1,4-Dichlorobenzene	Ave	2.892	2.805	0.5000	19.4	20.0	-3.0	30.0
1,2,3-Trimethylbenzene	Ave	4.697	4.508		19.2	20.0	-4.0	30.0
Benzyl chloride	Ave	3.182	3.282		20.6	20.0	3.2	30.0
2,3-Dihydroindene	Ave	4.881	4.991		20.5	20.0	2.3	30.0
p-Diethylbenzene	Ave	2.583	2.955		22.9	20.0	14.4	30.0
n-Butylbenzene	Ave	2.115	2.162		20.4	20.0	2.2	30.0
1,2-Dichlorobenzene	Ave	2.684	2.553	0.4000	19.0	20.0	-4.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.749	3.486		18.6	20.0	-7.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3891	0.3750	0.0500	19.3	20.0	-3.6	30.0
1,3,5-Trichlorobenzene	Ave	1.609	1.514		18.8	20.0	-5.9	30.0
1,2,4-Trichlorobenzene	Ave	1.432	1.405	0.2000	19.6	20.0	-1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: ICV 460-853073/19 Calibration Date: 07/01/2022 07:57

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21591.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	Lin2		0.5085		23.1	20.0	15.3	30.0
Naphthalene	Ave	4.242	4.105		19.4	20.0	-3.2	30.0
1,2,3-Trichlorobenzene	Ave	1.354	1.303		19.3	20.0	-3.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2829	0.2772		49.0	50.0	-2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2841	0.2673		47.1	50.0	-5.9	30.0
Toluene-d8 (Surr)	Ave	1.646	1.670		50.7	50.0	1.5	30.0
4-Bromofluorobenzene	Ave	0.4473	0.4642		51.9	50.0	3.8	30.0

Report Date: 01-Jul-2022 14:00:55 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 01-Jul-2022 07:57:30 ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0147308-019
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 14:00:22 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1665

First Level Reviewer: NN6A Date: 01-Jul-2022 14:00:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	71	7355	20.0	18.3	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	83	31192	20.0	15.9	M
4 1,1-Difluoroethane	65	1.275	1.275	0.000	93	38473	20.0	18.9	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	95704	20.0	21.3	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	98	15889	20.0	19.7	
6 Chloromethane	50	1.435	1.423	0.012	99	86207	20.0	18.2	
7 Vinyl chloride	62	1.480	1.480	0.000	97	98320	20.0	18.7	M
8 Butadiene	54	1.503	1.503	0.000	96	91377	20.0	19.7	
9 Bromomethane	94	1.709	1.709	0.000	98	65239	20.0	18.3	
10 Chloroethane	64	1.766	1.766	0.000	99	53594	20.0	16.7	M
11 Dichlorofluoromethane	67	1.892	1.892	0.000	98	127246	20.0	17.1	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	97	127551	20.0	19.5	
13 Pentane	72	1.938	1.937	0.001	96	41620	40.0	50.3	
17 Ethanol	46	2.040	2.040	0.000	97	12475	800.0	738.7	
14 Ethyl ether	74	2.075	2.075	0.000	95	53434	20.0	20.1	
15 2-Methyl-1,3-butadiene	53	2.098	2.097	0.001	96	86056	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	90	83642	20.0	19.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.155	0.000	98	122216	20.0	19.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	98	92931	20.0	22.5	
52 Acrolein	56	2.212	2.212	0.000	97	27631	40.1	41.8	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	96	89062	20.0	21.3	
23 Acetone	43	2.303	2.303	0.000	87	123822	100.0	91.8	
21 Iodomethane	142	2.372	2.372	0.000	96	112094	20.0	16.3	
24 Isopropyl alcohol	45	2.372	2.372	0.000	50	44551	200.0	205.3	
22 Carbon disulfide	76	2.406	2.406	0.000	99	257836	20.0	20.5	
30 Methyl acetate	43	2.498	2.498	0.000	96	137374	40.0	39.0	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	85	62578	20.0	19.4	
25 Cyclopentene	67	2.520	2.520	0.000	96	238613	20.0	21.4	
27 Acetonitrile	41	2.543	2.543	0.000	95	93452	200.0	188.9	a
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	32969	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
29 Methylene Chloride	84	2.600	2.600	0.000	88	85737	20.0	19.3	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	99	90589	200.0	195.2	
32 Methyl tert-butyl ether	73	2.726	2.726	0.000	96	264976	20.0	19.2	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	92	95606	20.0	18.7	
35 Acrylonitrile	53	2.806	2.806	0.000	94	365579	200.0	212.8	
36 Hexane	57	2.886	2.886	0.000	90	125122	20.0	25.6	
37 Isopropyl ether	45	3.046	3.046	0.000	96	246982	20.0	18.8	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	67	152985	20.0	19.2	
40 Vinyl acetate	86	3.092	3.092	0.000	99	44878	40.0	42.0	
39 2-Chloro-1,3-butadiene	88	3.138	3.138	0.000	89	88308	20.0	19.4	
41 Tert-butyl ethyl ether	59	3.321	3.320	0.001	91	263436	20.0	19.7	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	97	210221	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	95	34890	20.0	19.1	
45 cis-1,2-Dichloroethene	96	3.561	3.560	0.001	99	98840	20.0	17.4	
44 2-Butanone (MEK)	72	3.561	3.560	0.001	97	66662	100.0	104.7	
47 Ethyl acetate	70	3.561	3.560	0.001	95	22055	40.0	39.6	
46 Methyl acrylate	55	3.618	3.618	0.000	99	78525	20.0	19.9	
48 Propionitrile	54	3.675	3.675	0.000	98	142497	200.0	225.8	
50 Tetrahydrofuran	72	3.766	3.766	0.000	80	30278	40.0	39.9	
49 Chlorobromomethane	128	3.766	3.766	0.000	83	52223	20.0	18.2	
54 Methacrylonitrile	67	3.778	3.778	0.000	91	431997	200.0	196.7	
51 Chloroform	83	3.812	3.812	0.000	99	146811	20.0	18.6	
53 Cyclohexane	84	3.938	3.938	0.000	88	153821	20.0	22.8	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	97	143304	20.0	19.8	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	135897	50.0	49.0	
57 Carbon tetrachloride	117	4.063	4.063	0.000	97	119958	20.0	20.3	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	95	128095	20.0	20.1	
61 Isobutyl alcohol	43	4.212	4.212	0.000	96	129139	500.0	495.5	
64 Isooctane	57	4.235	4.235	0.000	98	244433	20.0	23.4	
59 Benzene	78	4.269	4.269	0.000	96	370756	20.0	19.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	131039	50.0	47.1	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	91457	20.0	19.2	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	92	275682	20.0	18.9	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	96	105772	20.0	18.3	
65 n-Heptane	57	4.418	4.418	0.000	89	57420	20.0	25.9	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	490209	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	85	38143	500.0	465.8	
69 Trichloroethene	95	4.909	4.909	0.000	93	98752	20.0	20.1	
72 Methylcyclohexane	83	5.035	5.035	0.000	84	164304	20.0	25.0	
71 Ethyl acrylate	99	5.035	5.035	0.000	94	17870	20.0	24.9	
73 1,2-Dichloropropane	63	5.206	5.206	0.000	88	83567	20.0	19.6	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	44	17573	1000.0	1000.0	M
74 Methyl methacrylate	100	5.275	5.275	0.000	87	63237	40.0	41.5	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	18647	400.0	268.8	
77 n-Propyl acetate	43	5.344	5.344	0.000	98	129518	20.0	20.5	
75 Dibromomethane	93	5.344	5.344	0.000	65	55188	20.0	19.4	
76 Dichlorobromomethane	83	5.504	5.504	0.000	98	112749	20.0	19.2	
34 2-Nitropropane	41	5.846	5.846	0.000	100	58646	40.0	37.3	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	87	57457	20.0	19.6	
80 Epichlorohydrin	57	5.972	5.961	0.011	95	8121	20.0	16.4	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	92	143250	20.0	18.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	95	427324	100.0	103.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	629787	50.0	50.7	
83 Toluene	91	6.361	6.361	0.000	93	413222	20.0	19.1	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	97	134001	20.0	19.1	
86 Ethyl methacrylate	69	6.795	6.795	0.000	89	109019	20.0	20.1	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	95	70604	20.0	19.1	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	111350	20.0	20.2	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	92	146268	20.0	20.5	
91 2-Hexanone	43	7.298	7.298	0.000	95	282464	100.0	107.9	
92 n-Butyl acetate	43	7.447	7.447	0.000	99	139720	20.0	21.6	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	93738	20.0	18.7	
93 Ethylene Dibromide	107	7.652	7.652	0.000	97	89398	20.0	19.7	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	84	377071	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	273037	20.0	19.2	
97 Ethylbenzene	106	8.327	8.327	0.000	97	146832	20.0	20.3	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	96	92790	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.464	8.475	-0.011	94	180967	20.0	20.5	
100 o-Xylene	106	8.898	8.898	0.000	95	173966	20.0	19.7	
99 n-Butyl acrylate	73	8.910	8.910	0.000	97	66705	20.0	19.6	
101 Styrene	104	8.933	8.932	0.001	98	274043	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	92	143514	20.0	20.9	
103 Bromoform	173	9.150	9.150	0.000	96	64130	20.0	19.6	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	444083	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	175053	50.0	51.9	
107 Bromobenzene	156	9.595	9.595	0.000	90	113851	20.0	19.7	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	98	120582	20.0	20.3	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	488721	20.0	20.5	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	96	38778	20.0	21.0	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	30781	20.0	19.2	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	433796	20.0	20.3	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	319934	20.0	20.3	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	94	342603	20.0	20.3	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	297491	20.0	20.1	
117 Butyl Methacrylate	87	9.938	9.938	0.000	91	105848	20.0	19.4	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	300629	20.0	20.1	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	338462	20.0	20.3	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	431450	20.0	21.0	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	99	375990	20.0	20.9	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	209902	20.0	20.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	187424	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	210310	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	337935	20.0	19.2	
125 Benzyl chloride	91	10.636	10.635	0.001	99	246075	20.0	20.6	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	94	374204	20.0	20.5	
126 p-Diethylbenzene	119	10.738	10.738	0.000	96	221510	20.0	22.9	
127 n-Butylbenzene	92	10.761	10.761	0.000	98	162068	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	98	191417	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	97	261324	20.0	18.6	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	28110	20.0	19.3	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	113477	20.0	18.8	
131 1,2,4-Trichlorobenzene	180	12.019	12.018	0.001	93	105365	20.0	19.6	
133 Hexachlorobutadiene	225	12.099	12.098	0.001	93	38122	20.0	23.1	
134 Naphthalene	128	12.201	12.201	0.000	99	307785	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	12.373	12.373	0.000	95	97708	20.0	19.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.1	
S 137 Xylenes, Total	100				0		40.0	40.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.6	
S 139 Total BTEX	1				0		100.0	99.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00468	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00139	Amount Added:	4.00	Units: uL	
8260 SP_00155	Amount Added:	20.00	Units: uL	
8FreonsSS_00046	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 14:00:56 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D

Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7

Lims ID: ICV

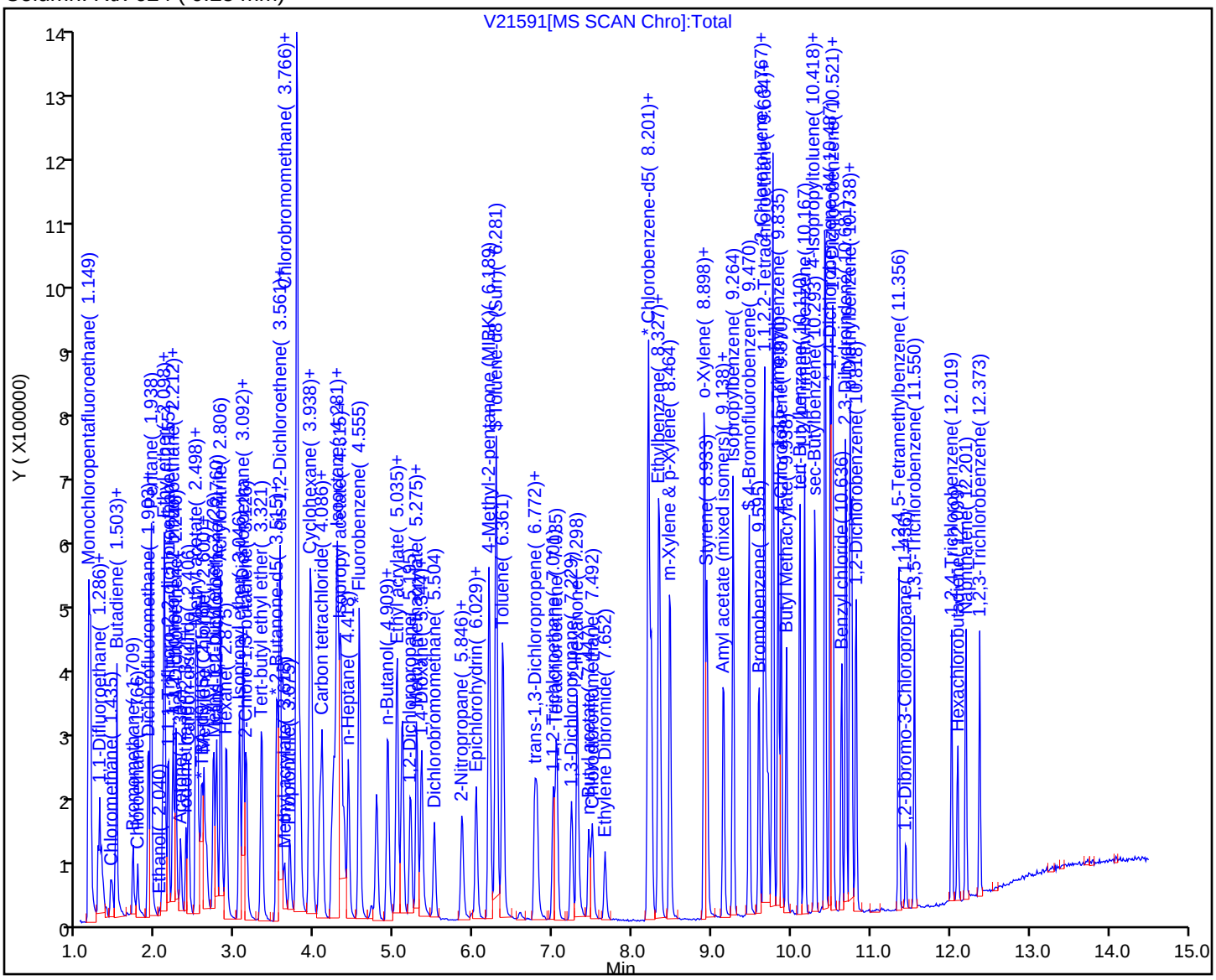
Client ID:

Operator ID: ALS Bottle#: 68 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

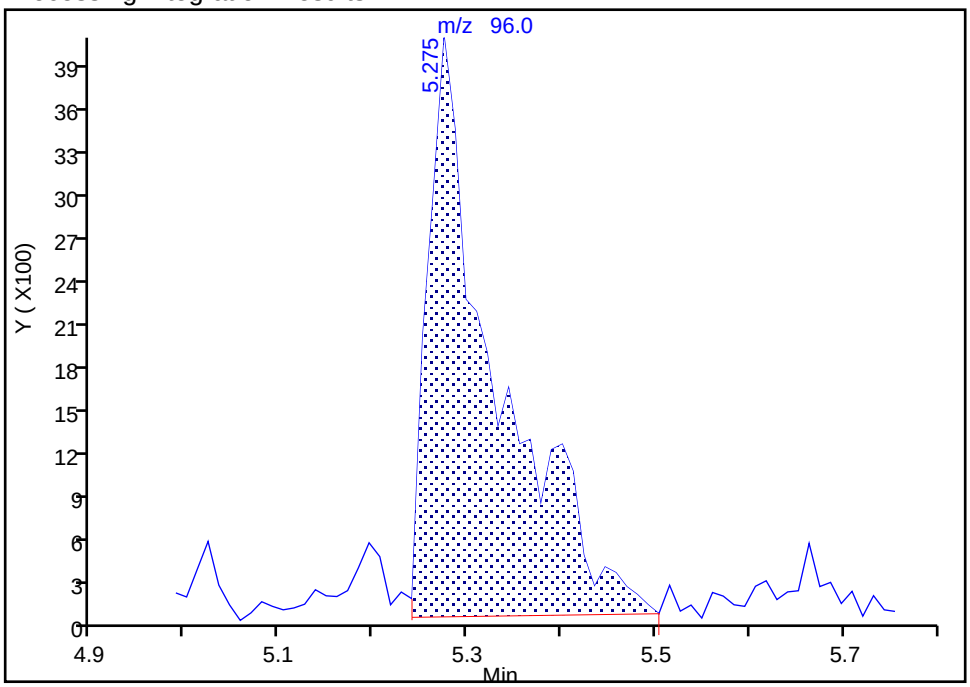
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

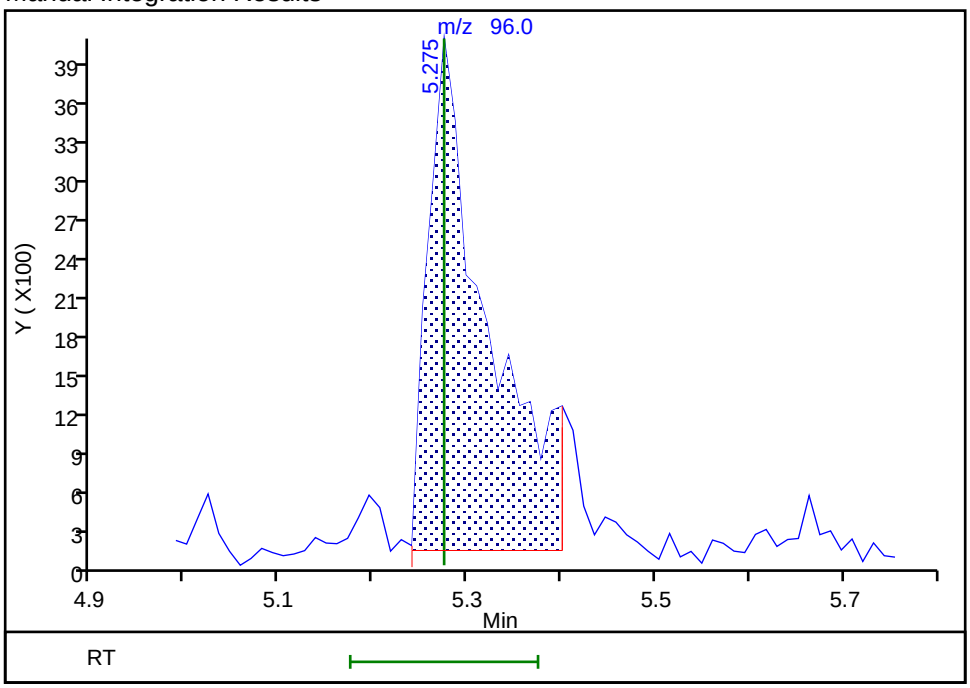
Processing Integration Results

RT: 5.28
Area: 20229
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 17573
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 14:00:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

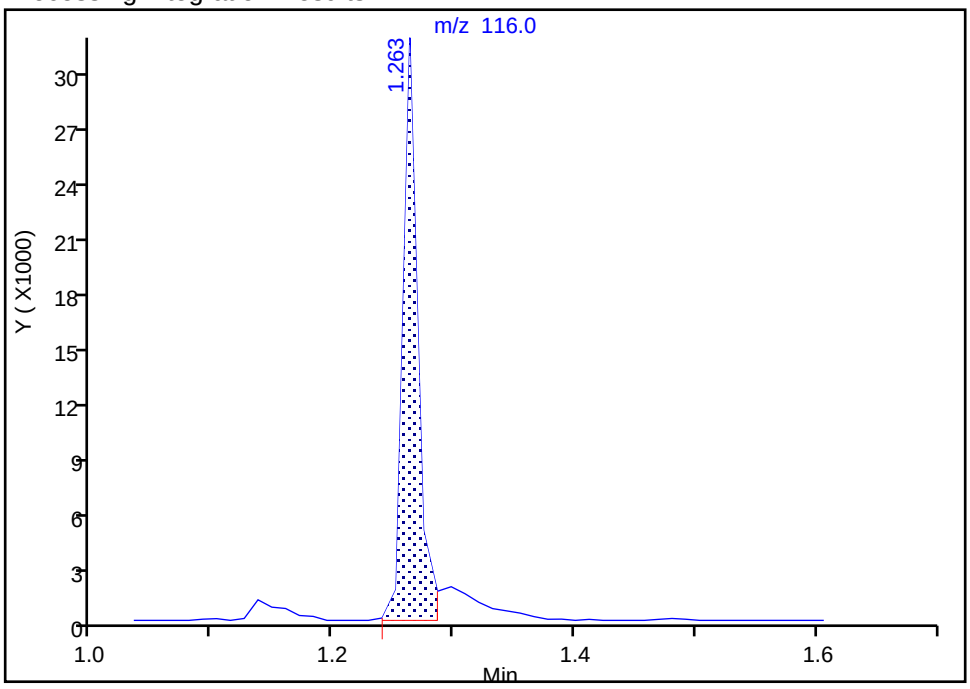
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

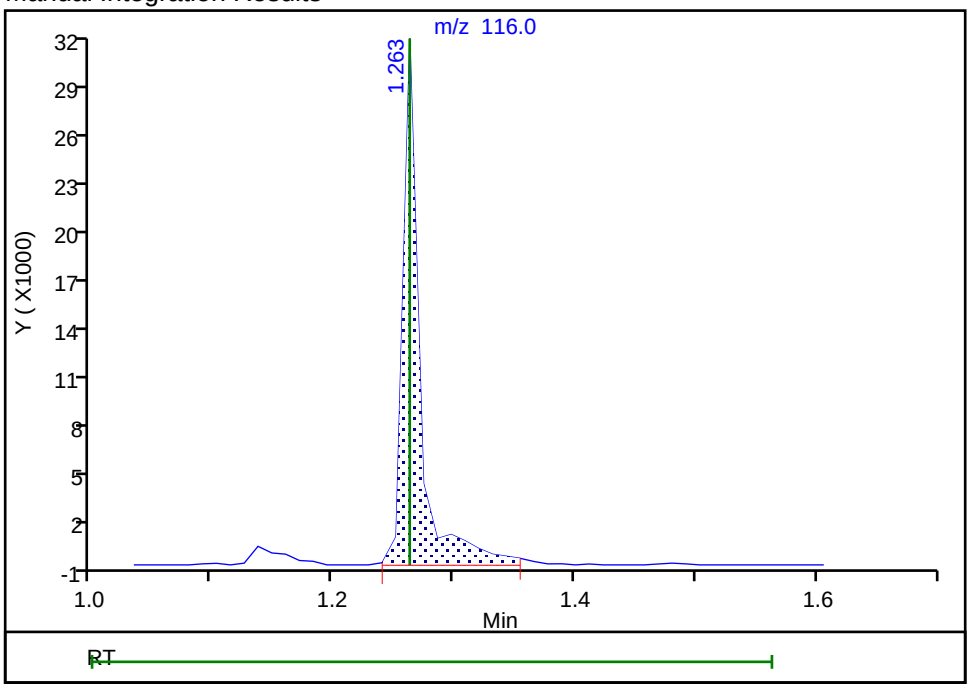
Processing Integration Results

RT: 1.26
Area: 27090
Amount: 13.825003
Amount Units: ug/l



Manual Integration Results

RT: 1.26
Area: 31192
Amount: 15.918402
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:57:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

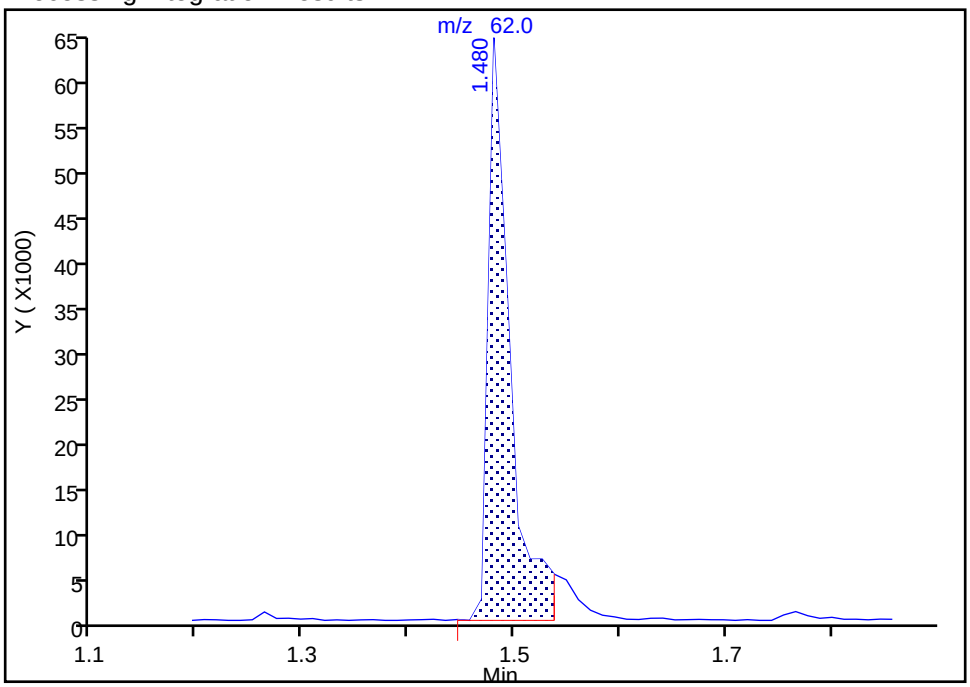
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

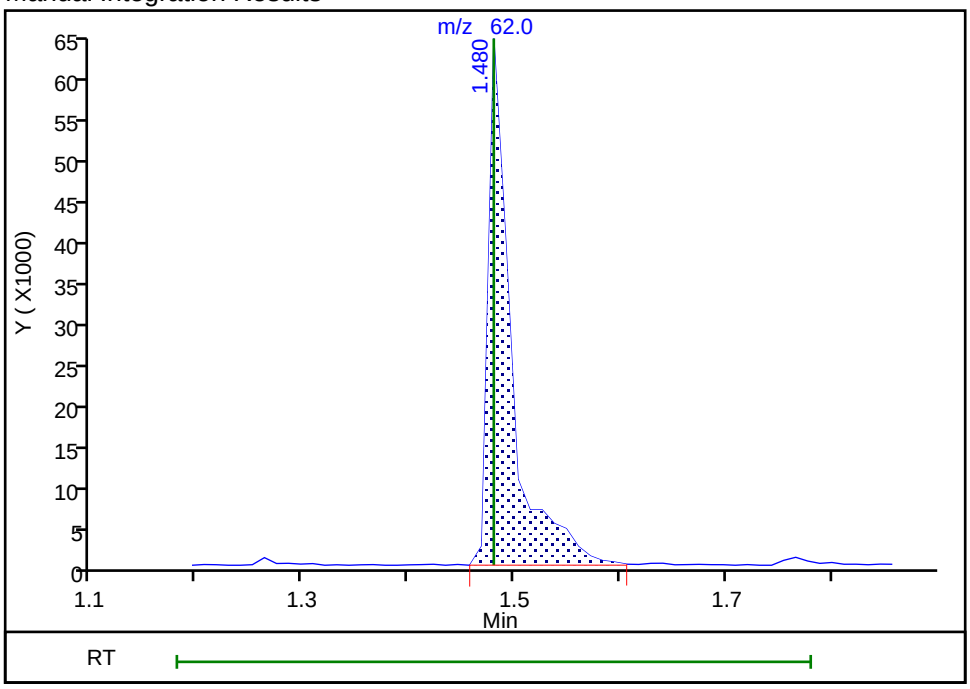
Processing Integration Results

RT: 1.48
Area: 92360
Amount: 17.543921
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 98320
Amount: 18.676032
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:58:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

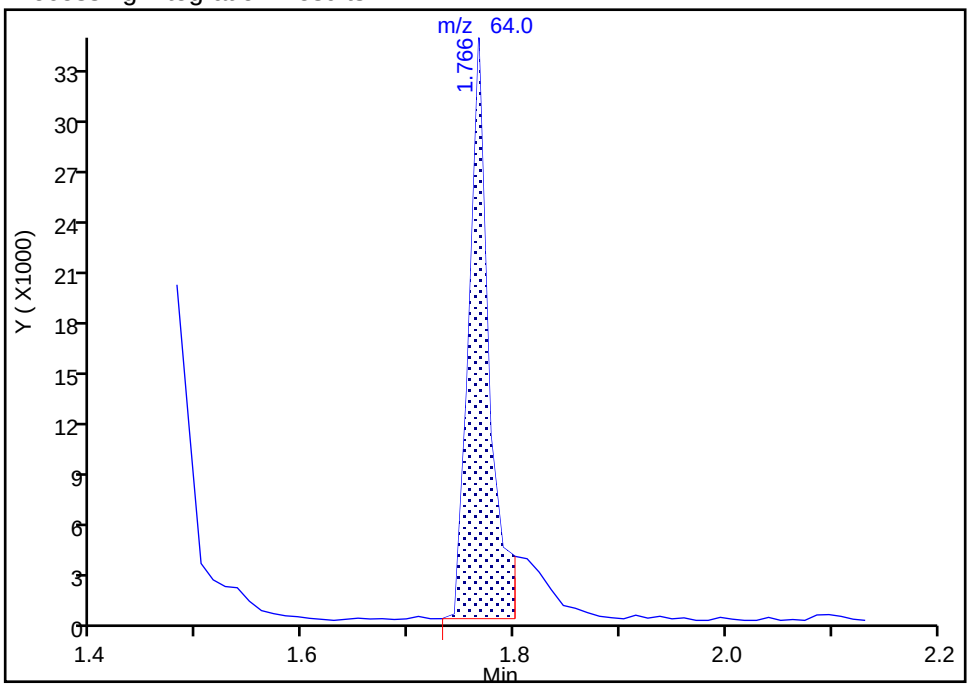
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

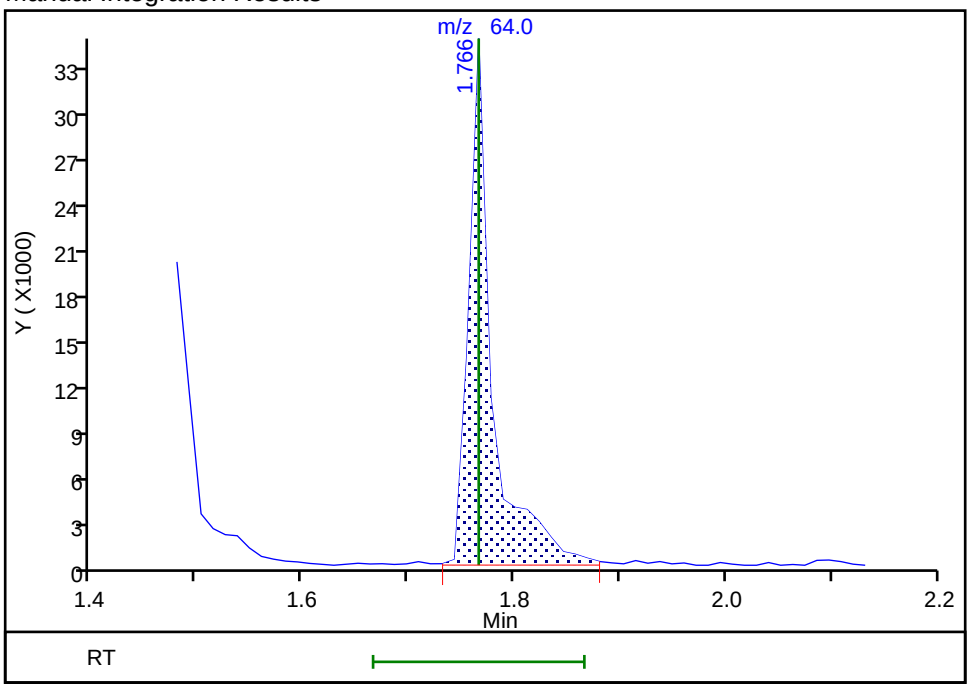
Processing Integration Results

RT: 1.77
Area: 45926
Amount: 14.320351
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 53594
Amount: 16.711337
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:57:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

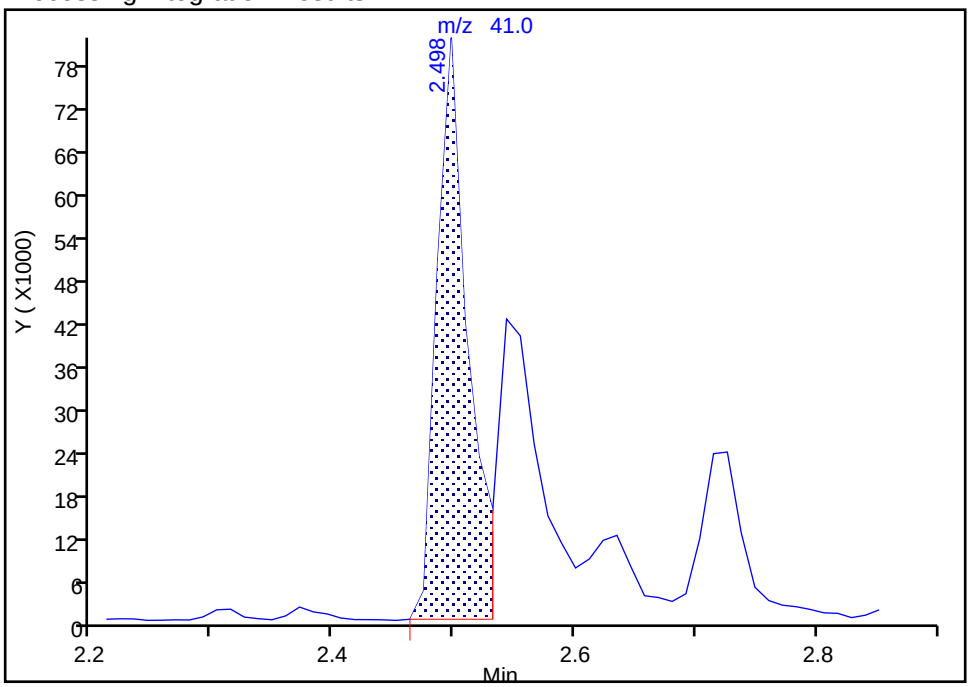
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21591.D
Injection Date: 01-Jul-2022 07:57:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 68 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

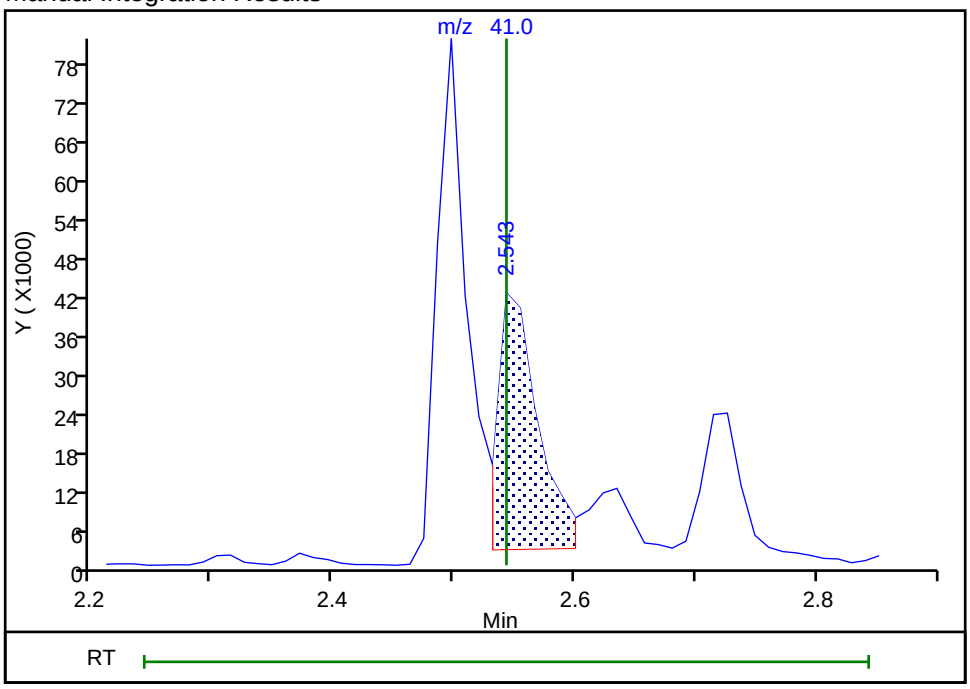
Processing Integration Results

RT: 2.50
Area: 146065
Amount: 295.2411
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 93452
Amount: 188.8945
Amount Units: ug/l



Reviewer: NN6A, 01-Jul-2022 13:58:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853230/2 Calibration Date: 07/01/2022 19:04

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21622.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	0.0410	0.0183		8.95	20.0	-55.2*	20.0
Chlorotrifluoroethene	Ave	0.1999	0.1244		12.4	20.0	-37.8*	20.0
1,1-Difluoroethane	Ave	0.2075	0.1487		14.3	20.0	-28.3*	20.0
Dichlorodifluoromethane	Ave	0.4586	0.4183	0.1000	18.2	20.0	-8.8	20.0
Chlorodifluoromethane	Ave	0.0824	0.0807		19.6	20.0	-2.0	20.0
Chloromethane	Lin2		0.4015	0.1000	16.6	20.0	-16.9	20.0
Vinyl chloride	Ave	0.5370	0.4476	0.1000	16.7	20.0	-16.6	20.0
Butadiene	Ave	0.4732	0.3919		16.6	20.0	-17.2	20.0
Bromomethane	Ave	0.3645	0.3141	0.1000	17.2	20.0	-13.8	50.0
Chloroethane	Ave	0.3271	0.2846	0.1000	17.4	20.0	-13.0	50.0
Dichlorofluoromethane	Ave	0.7591	0.6771		17.8	20.0	-10.8	20.0
Trichlorofluoromethane	Ave	0.6663	0.6507	0.1000	19.5	20.0	-2.3	20.0
Pentane	Ave	0.0844	0.0767		36.3	40.0	-9.2	20.0
Ethanol	QuaF		0.4146		647	800	-19.1	50.0
Ethyl ether	Ave	0.2708	0.2714		20.0	20.0	0.2	20.0
2-Methyl-1,3-butadiene	Ave	0.4259	0.3424		16.1	20.0	-19.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4433	0.3901		17.6	20.0	-12.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6303	0.5712		18.1	20.0	-9.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4204	0.3953	0.1000	18.8	20.0	-6.0	20.0
Acrolein	Ave	0.0674	0.0499		29.6	40.0	-26.0	50.0
1,1-Dichloroethene	Ave	0.4256	0.3893	0.1000	18.3	20.0	-8.5	20.0
Acetone	Ave	1.604	1.507	0.0500	93.9	100	-6.1	50.0
Iodomethane	Ave	0.7014	0.5019		14.3	20.0	-28.4*	20.0
Isopropyl alcohol	Ave	6.582	6.187		188	200	-6.0	50.0
Carbon disulfide	Ave	1.284	1.110	0.1000	17.3	20.0	-13.5	50.0
3-Chloro-1-propene	Ave	0.3283	0.2899		17.7	20.0	-11.7	20.0
Methyl acetate	Ave	0.3597	0.3443	0.1000	38.3	40.0	-4.3	20.0
Cyclopentene	Ave	1.136	0.9742		17.2	20.0	-14.2	20.0
Acetonitrile	Ave	0.5883	0.4281		146	200	-27.2*	20.0
Methylene Chloride	Ave	0.4535	0.4284	0.1000	18.9	20.0	-5.5	20.0
2-Methyl-2-propanol	Lin2		13.85		197	200	-1.6	50.0
Methyl tert-butyl ether	Ave	1.410	1.305	0.1000	18.5	20.0	-7.4	20.0
trans-1,2-Dichloroethene	Ave	0.5210	0.4502	0.1000	17.3	20.0	-13.6	20.0
Acrylonitrile	Ave	0.1752	0.1758		201	200	0.3	20.0
Hexane	Ave	0.4994	0.4259		17.1	20.0	-14.7	20.0
Isopropyl ether	Ave	1.339	1.138		17.0	20.0	-15.0	20.0
1,1-Dichloroethane	Ave	0.8130	0.7488	0.2000	18.4	20.0	-7.9	20.0
Vinyl acetate	Ave	1.270	1.374		43.3	40.0	8.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4653	0.4212		18.1	20.0	-9.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853230/2 Calibration Date: 07/01/2022 19:04

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21622.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
Tert-butyl ethyl ether	Ave	1.364	1.224		17.9	20.0	-10.3	20.0
2,2-Dichloropropane	Ave	0.1864	0.1796		19.3	20.0	-3.7	20.0
cis-1,2-Dichloroethene	Ave	0.5805	0.5173	0.1000	17.8	20.0	-10.9	20.0
Ethyl acetate	Ave	0.6622	0.6724		40.6	40.0	1.5	20.0
Methyl Ethyl Ketone	Ave	0.7573	0.7669	0.0500	101	100	1.3	50.0
Methyl acrylate	Lin2		0.3739		18.5	20.0	-7.3	20.0
Propionitrile	Ave	0.0644	0.0664		206	200	3.1	20.0
Chlorobromomethane	Ave	0.2928	0.2714		18.5	20.0	-7.3	20.0
Methacrylonitrile	Ave	0.2240	0.2189		196	200	-2.2	20.0
Tetrahydrofuran	Ave	0.0774	0.0779		40.2	40.0	0.6	20.0
Chloroform	Ave	0.8064	0.7599	0.2000	18.8	20.0	-5.8	20.0
1,1,1-Trichloroethane	Ave	0.7366	0.7016	0.1000	19.0	20.0	-4.8	20.0
Cyclohexane	Ave	0.6879	0.6103	0.1000	17.7	20.0	-11.3	50.0
Carbon tetrachloride	Ave	0.6039	0.5926	0.1000	19.6	20.0	-1.9	20.0
1,1-Dichloropropene	Ave	0.6492	0.5864		18.1	20.0	-9.7	20.0
Isobutyl alcohol	Lin2		6.864		435	500	-13.0	20.0
Benzene	Ave	2.536	2.160	0.5000	17.0	20.0	-14.8	20.0
Isopropyl acetate	Ave	0.4861	0.4627		19.0	20.0	-4.8	20.0
Tert-amyl methyl ether	Ave	1.485	1.363		18.4	20.0	-8.2	20.0
1,2-Dichloroethane	Ave	0.5886	0.5890	0.1000	20.0	20.0	0.0	20.0
n-Heptane	Ave	0.2261	0.1842		16.3	20.0	-18.5	20.0
n-Butanol	Ave	2.484	2.052		413	500	-17.4	50.0
Trichloroethene	Ave	0.5006	0.4766	0.2000	19.0	20.0	-4.8	20.0
Ethyl acrylate	Ave	0.0733	0.0774		21.1	20.0	5.6	20.0
Methylcyclohexane	Ave	0.6702	0.6278	0.1000	18.7	20.0	-6.3	50.0
1,2-Dichloropropane	Ave	0.4353	0.3965	0.1000	18.2	20.0	-8.9	20.0
Methyl methacrylate	Ave	0.1553	0.1641		42.3	40.0	5.7	20.0
1,4-Dioxane	QuaF		2.216		225	400	-43.9	50.0
Dibromomethane	Ave	0.2905	0.2793		19.2	20.0	-3.9	20.0
n-Propyl acetate	Ave	0.6434	0.6123		19.0	20.0	-4.8	20.0
Bromodichloromethane	Ave	0.5987	0.5770	0.2000	19.3	20.0	-3.6	20.0
2-Nitropropane	Ave	0.1604	0.1509		37.6	40.0	-5.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2994	0.2821		18.9	20.0	-5.8	20.0
Epichlorohydrin	Ave	0.5881	0.6129		417	400	4.2	20.0
cis-1,3-Dichloropropene	Ave	1.028	0.8944	0.2000	17.4	20.0	-13.0	50.0
methyl isobutyl ketone	Ave	4.920	5.080	0.0500	103	100	3.3	50.0
Toluene	Ave	2.875	2.434	0.4000	16.9	20.0	-15.3	20.0
trans-1,3-Dichloropropene	Ave	0.9317	0.8330	0.1000	17.9	20.0	-10.6	50.0
Ethyl methacrylate	Ave	0.7178	0.6446		18.0	20.0	-10.2	20.0
1,1,2-Trichloroethane	Ave	0.4910	0.4224	0.1000	17.2	20.0	-14.0	20.0
Tetrachloroethene	Ave	0.7312	0.6927	0.2000	18.9	20.0	-5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853230/2 Calibration Date: 07/01/2022 19:04

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21622.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	0.9452	0.8508		18.0	20.0	-10.0	20.0
2-Hexanone	Ave	3.113	3.431	0.0500	110	100	10.2	50.0
n-Butyl acetate	Qua2		0.7517		17.6	20.0	-12.1	20.0
Dibromochloromethane	Ave	0.6653	0.6291	0.1000	18.9	20.0	-5.4	50.0
Ethylene Dibromide	Ave	0.6008	0.5385	0.1000	17.9	20.0	-10.4	20.0
Chlorobenzene	Ave	1.888	1.712	0.5000	18.1	20.0	-9.3	20.0
Ethylbenzene	Ave	0.9579	0.8667	0.1000	18.1	20.0	-9.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6159	0.5949		19.3	20.0	-3.4	20.0
m-Xylene & p-Xylene	Ave	1.170	1.074	0.1000	18.4	20.0	-8.2	20.0
o-Xylene	Ave	1.169	1.085	0.3000	18.6	20.0	-7.2	20.0
n-Butyl acrylate	Ave	0.4513	0.3809		16.9	20.0	-15.6	20.0
Styrene	Ave	1.805	1.748	0.3000	19.4	20.0	-3.1	20.0
Amyl acetate (mixed isomers)	Ave	1.836	1.617		17.6	20.0	-11.9	20.0
Bromoform	Ave	0.4329	0.4389	0.1000	20.3	20.0	1.4	20.0
Isopropylbenzene	Ave	2.896	2.658	0.1000	18.4	20.0	-8.2	20.0
Bromobenzene	Ave	1.543	1.448		18.8	20.0	-6.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.583	1.349	0.3000	17.0	20.0	-14.8	20.0
N-Propylbenzene	Ave	6.351	5.679		17.9	20.0	-10.6	20.0
1,2,3-Trichloropropane	Lin2		0.4859		19.7	20.0	-1.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4268	0.3957		18.5	20.0	-7.3	20.0
2-Chlorotoluene	Ave	4.210	3.734		17.7	20.0	-11.3	20.0
4-Ethyltoluene	Ave	5.699	5.197		18.2	20.0	-8.8	20.0
1,3,5-Trimethylbenzene	Ave	4.500	4.024		17.9	20.0	-10.6	20.0
4-Chlorotoluene	Ave	3.955	3.492		17.7	20.0	-11.7	20.0
Butyl Methacrylate	Ave	1.453	1.276		17.6	20.0	-12.2	20.0
tert-Butylbenzene	Ave	3.987	3.655		18.3	20.0	-8.3	20.0
1,2,4-Trimethylbenzene	Ave	4.445	4.145		18.6	20.0	-6.8	20.0
sec-Butylbenzene	Ave	5.489	4.899		17.8	20.0	-10.8	20.0
4-Isopropyltoluene	Ave	4.797	4.303		17.9	20.0	-10.3	20.0
1,3-Dichlorobenzene	Ave	2.779	2.558	0.6000	18.4	20.0	-7.9	20.0
1,4-Dichlorobenzene	Ave	2.892	2.639	0.5000	18.2	20.0	-8.8	20.0
1,2,3-Trimethylbenzene	Ave	4.697	4.204		17.9	20.0	-10.5	20.0
Benzyl chloride	Ave	3.182	2.848		17.9	20.0	-10.5	50.0
2,3-Dihydroindene	Ave	4.881	4.543		18.6	20.0	-6.9	20.0
p-Diethylbenzene	Ave	2.583	2.287		17.7	20.0	-11.5	20.0
n-Butylbenzene	Ave	2.115	1.771		16.7	20.0	-16.3	20.0
1,2-Dichlorobenzene	Ave	2.684	2.430	0.4000	18.1	20.0	-9.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.749	3.157		16.8	20.0	-15.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3891	0.3680	0.0500	18.9	20.0	-5.4	50.0
1,3,5-Trichlorobenzene	Ave	1.609	1.522		18.9	20.0	-5.4	20.0
1,2,4-Trichlorobenzene	Ave	1.432	1.305	0.2000	18.2	20.0	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853230/2 Calibration Date: 07/01/2022 19:04

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21622.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	Lin2		0.4135		18.7	20.0	-6.5	20.0
Naphthalene	Ave	4.242	3.843		18.1	20.0	-9.4	50.0
1,2,3-Trichlorobenzene	Ave	1.354	1.241		18.3	20.0	-8.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2829	0.2888		51.0	50.0	2.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2841	0.2972		52.3	50.0	4.6	20.0
Toluene-d8 (Surr)	Ave	1.646	1.554		47.2	50.0	-5.6	20.0
4-Bromofluorobenzene	Ave	0.4473	0.4680		52.3	50.0	4.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21622.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Jul-2022 19:04:30 ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0147350-002
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Jul-2022 19:48:29 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: HVW2 Date: 01-Jul-2022 19:48:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	71	2980	20.0	8.95	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	86	20200	20.0	12.4	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	80	24147	20.0	14.3	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	67929	20.0	18.2	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	13112	20.0	19.6	
6 Chloromethane	50	1.435	1.435	0.000	99	65203	20.0	16.6	
7 Vinyl chloride	62	1.480	1.480	0.000	98	72692	20.0	16.7	
8 Butadiene	54	1.503	1.503	0.000	98	63638	20.0	16.6	M
9 Bromomethane	94	1.698	1.698	0.000	98	51007	20.0	17.2	
10 Chloroethane	64	1.766	1.766	0.000	99	46218	20.0	17.4	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	98	109960	20.0	17.8	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	98	105676	20.0	19.5	
13 Pentane	72	1.926	1.926	0.000	96	24898	40.0	36.3	
17 Ethanol	46	2.040	2.040	0.000	95	9192	800.0	647.2	
14 Ethyl ether	74	2.075	2.075	0.000	90	44081	20.0	20.0	
15 2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	92	55599	20.0	16.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	91	63356	20.0	17.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	92758	20.0	18.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	97	64190	20.0	18.8	
52 Acrolein	56	2.212	2.212	0.000	94	16200	40.0	29.6	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	94	63222	20.0	18.3	
23 Acetone	43	2.303	2.303	0.000	86	100247	100.0	93.9	
21 Iodomethane	142	2.372	2.372	0.000	96	81514	20.0	14.3	
24 Isopropyl alcohol	45	2.372	2.372	0.000	52	34292	200.0	188.0	
22 Carbon disulfide	76	2.406	2.406	0.000	99	180316	20.0	17.3	
30 Methyl acetate	43	2.498	2.498	0.000	96	111834	40.0	38.3	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	84	47087	20.0	17.7	
27 Acetonitrile	41	2.543	2.543	0.000	96	56967	200.0	145.5	a
25 Cyclopentene	67	2.520	2.520	0.000	95	158216	20.0	17.2	
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	27711	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
29 Methylene Chloride	84	2.600	2.600	0.000	83	69577	20.0	18.9	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	76770	200.0	196.8	
32 Methyl tert-butyl ether	73	2.715	2.715	0.000	96	211987	20.0	18.5	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	89	73108	20.0	17.3	
35 Acrylonitrile	53	2.806	2.806	0.000	94	285511	200.0	200.6	
36 Hexane	57	2.875	2.875	0.000	90	69170	20.0	17.1	
37 Isopropyl ether	45	3.046	3.046	0.000	95	184833	20.0	17.0	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	68	121615	20.0	18.4	
40 Vinyl acetate	86	3.092	3.092	0.000	99	36554	40.0	43.3	
39 2-Chloro-1,3-butadiene	88	3.126	3.126	0.000	91	68412	20.0	18.1	
41 Tert-butyl ethyl ether	59	3.321	3.321	0.000	91	198728	20.0	17.9	
* 42 2-Butanone-d5	46	3.503	3.503	0.000	98	166330	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	29170	20.0	19.3	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	55	84012	20.0	17.8	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	97	51026	100.0	101.3	
47 Ethyl acetate	70	3.561	3.561	0.000	92	17894	40.0	40.6	
46 Methyl acrylate	55	3.618	3.618	0.000	98	60725	20.0	18.5	
48 Propionitrile	54	3.675	3.675	0.000	97	107810	200.0	206.2	
50 Tetrahydrofuran	72	3.766	3.766	0.000	82	25299	40.0	40.2	
49 Chlorobromomethane	128	3.766	3.766	0.000	78	44079	20.0	18.5	
54 Methacrylonitrile	67	3.766	3.766	0.000	89	355563	200.0	195.5	
51 Chloroform	83	3.812	3.812	0.000	99	123408	20.0	18.8	
53 Cyclohexane	84	3.938	3.938	0.000	85	99110	20.0	17.7	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	98	113944	20.0	19.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	117269	50.0	51.0	
57 Carbon tetrachloride	117	4.063	4.063	0.000	96	96244	20.0	19.6	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	96	95231	20.0	18.1	
61 Isobutyl alcohol	43	4.212	4.212	0.000	94	95105	500.0	434.8	
64 Isooctane	57	4.235	4.235	0.000	100	156986	20.0	18.1	
59 Benzene	78	4.269	4.269	0.000	95	291438	20.0	17.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	97	120649	50.0	52.3	
66 Isopropyl acetate	87	4.326	4.326	0.000	94	75145	20.0	19.0	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	98	221342	20.0	18.4	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	98	95656	20.0	20.0	
65 n-Heptane	57	4.418	4.418	0.000	90	29911	20.0	16.3	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	406006	50.0	50.0	
70 n-Butanol	56	4.898	4.898	0.000	84	28431	500.0	413.1	
69 Trichloroethene	95	4.909	4.909	0.000	93	77394	20.0	19.0	
72 Methylcyclohexane	83	5.035	5.035	0.000	81	101958	20.0	18.7	
71 Ethyl acrylate	99	5.035	5.035	0.000	96	12574	20.0	21.1	
73 1,2-Dichloropropane	63	5.195	5.195	0.000	88	64388	20.0	18.2	
74 Methyl methacrylate	100	5.275	5.275	0.000	82	53307	40.0	42.3	
* 68 1,4-Dioxane-d8	96	5.286	5.286	0.000	45	17645	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	15644	400.0	224.6	
77 n-Propyl acetate	43	5.344	5.344	0.000	96	99444	20.0	19.0	
75 Dibromomethane	93	5.344	5.344	0.000	72	45360	20.0	19.2	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	93704	20.0	19.3	
34 2-Nitropropane	41	5.846	5.846	0.000	94	49014	40.0	37.6	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	88	45926	20.0	18.9	
80 Epichlorohydrin	57	5.961	5.961	0.000	99	163105	400.0	416.8	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	120708	20.0	17.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	94	337991	100.0	103.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	524163	50.0	47.2	
83 Toluene	91	6.361	6.361	0.000	93	328535	20.0	16.9	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	112413	20.0	17.9	
86 Ethyl methacrylate	69	6.795	6.795	0.000	87	86987	20.0	18.0	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	94	57009	20.0	17.2	
88 Tetrachloroethene	166	7.047	7.047	0.000	94	93477	20.0	18.9	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	92	114824	20.0	18.0	
91 2-Hexanone	43	7.298	7.298	0.000	93	228276	100.0	110.2	
92 n-Butyl acetate	43	7.447	7.447	0.000	96	101441	20.0	17.6	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	84904	20.0	18.9	
93 Ethylene Dibromide	107	7.652	7.652	0.000	100	72669	20.0	17.9	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	337385	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	231096	20.0	18.1	
97 Ethylbenzene	106	8.327	8.327	0.000	98	116968	20.0	18.1	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	96	80290	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	144915	20.0	18.4	
100 o-Xylene	106	8.898	8.898	0.000	96	146441	20.0	18.6	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	51409	20.0	16.9	
101 Styrene	104	8.933	8.933	0.000	98	235897	20.0	19.4	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	92	110347	20.0	17.6	
103 Bromoform	173	9.150	9.150	0.000	97	59233	20.0	20.3	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	358687	20.0	18.4	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	157886	50.0	52.3	
107 Bromobenzene	156	9.595	9.595	0.000	87	98808	20.0	18.8	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	95	92064	20.0	17.0	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	387461	20.0	17.9	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	95	33150	20.0	19.7	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	26995	20.0	18.5	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	354603	20.0	18.2	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	254744	20.0	17.7	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	95	274567	20.0	17.9	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	238288	20.0	17.7	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	87082	20.0	17.6	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	249347	20.0	18.3	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	95	282779	20.0	18.6	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	334224	20.0	17.8	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	293569	20.0	17.9	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	98	174549	20.0	18.4	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	170573	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	180054	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	286833	20.0	17.9	
125 Benzyl chloride	91	10.636	10.636	0.000	100	194302	20.0	17.9	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	94	309964	20.0	18.6	
126 p-Diethylbenzene	119	10.738	10.738	0.000	97	156040	20.0	17.7	
127 n-Butylbenzene	92	10.761	10.761	0.000	98	120803	20.0	16.7	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	99	165787	20.0	18.1	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	215390	20.0	16.8	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	25108	20.0	18.9	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	103818	20.0	18.9	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	93	89006	20.0	18.2	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	93	28216	20.0	18.7	
134 Naphthalene	128	12.201	12.201	0.000	99	262173	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	95	84701	20.0	18.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.1	
S 137 Xylenes, Total	100				0		40.0	36.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	35.3	
S 139 Total BTEX	1				0		100.0	89.0	

QC Flag Legend

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

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00155	Amount Added:	20.00	Units: uL	
524freon_00053	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Jul-2022 19:48:30 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21622.D

Injection Date: 01-Jul-2022 19:04:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

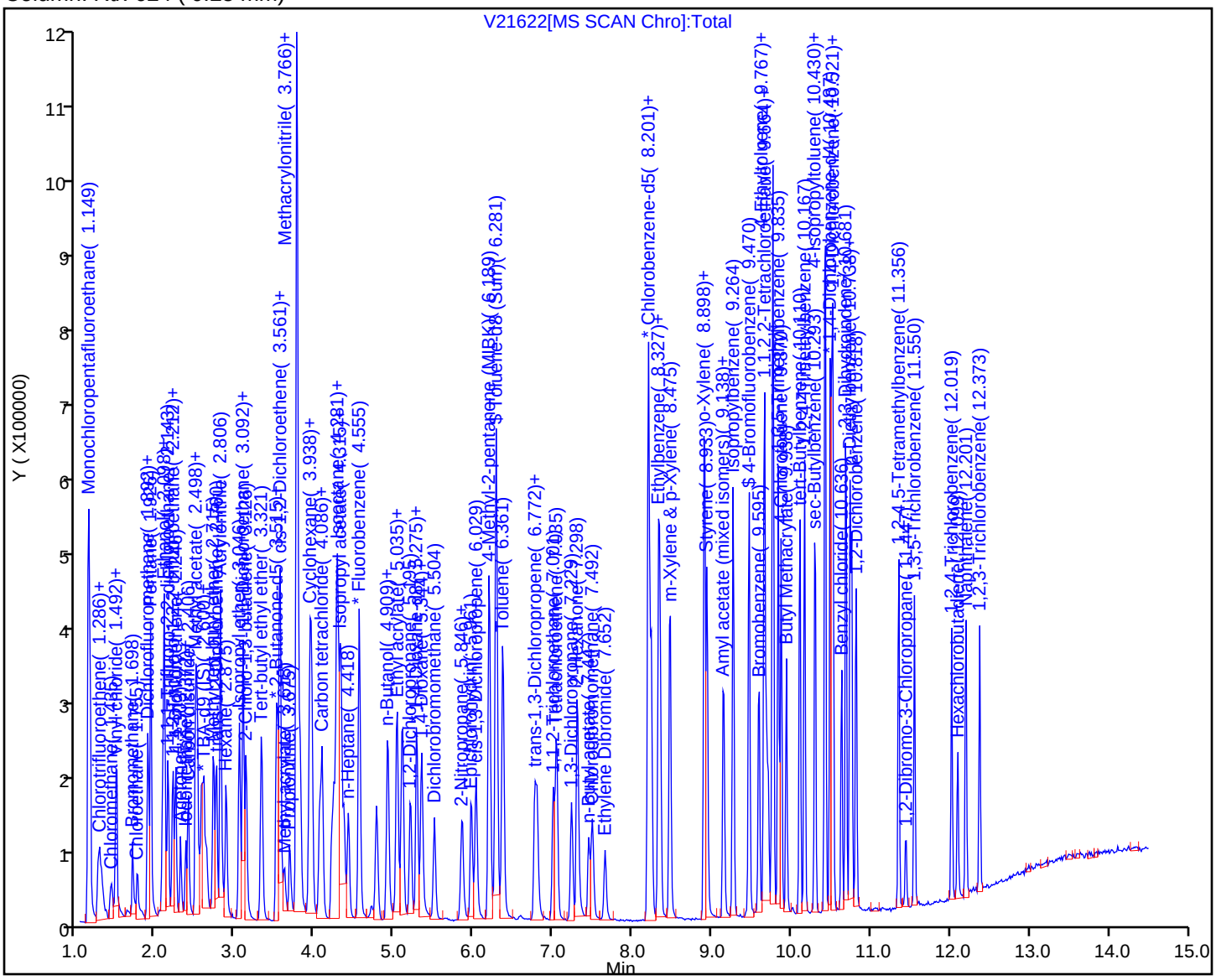
Client ID:

Operator ID: ALS Bottle#: 51 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

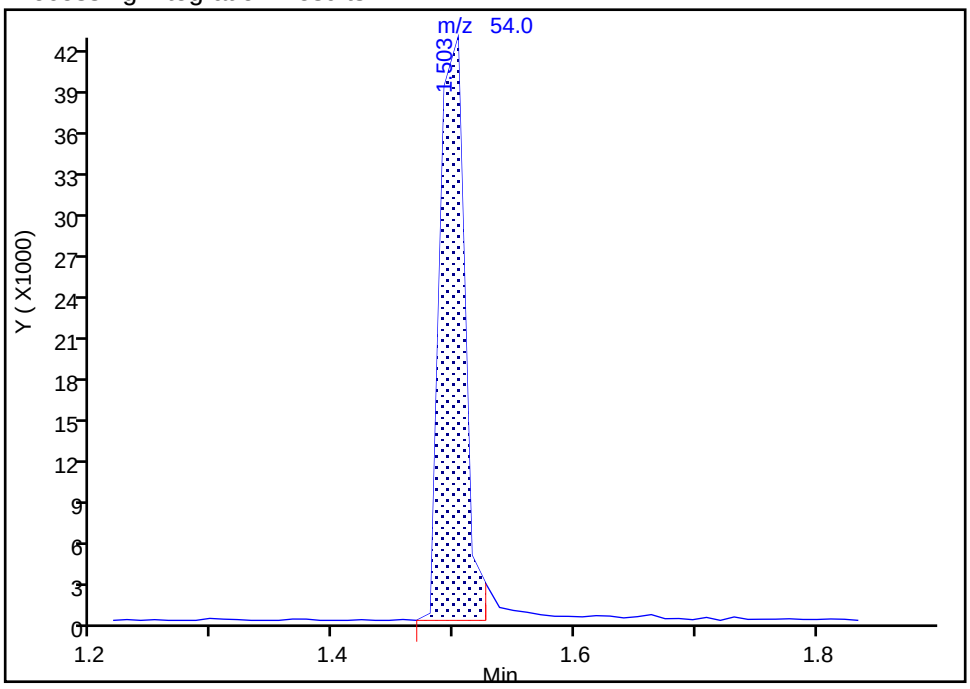
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21622.D
Injection Date: 01-Jul-2022 19:04:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

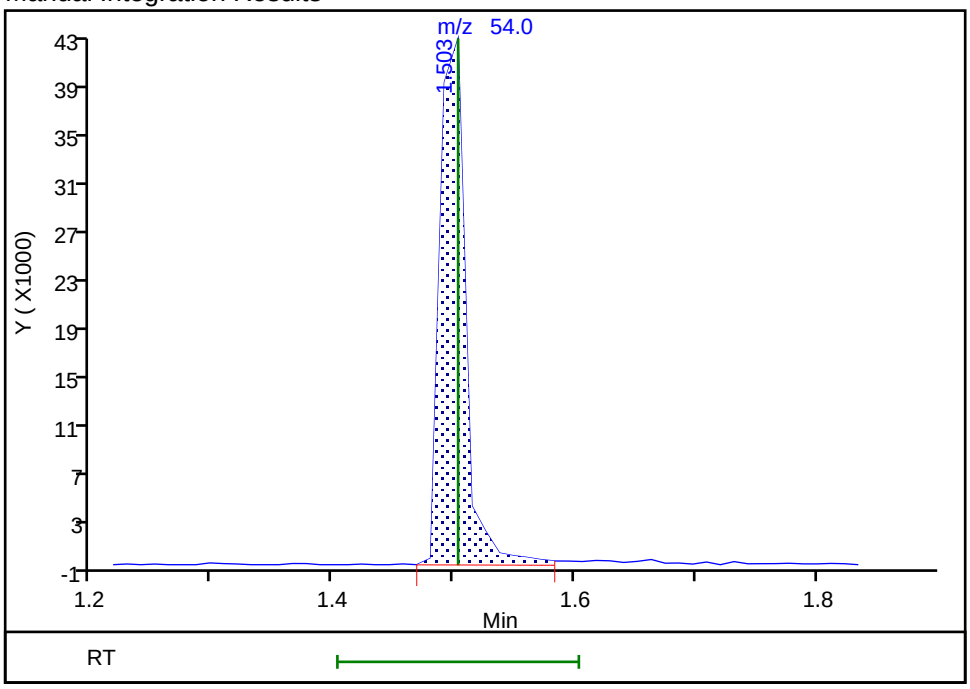
Processing Integration Results

RT: 1.50
Area: 61383
Amount: 15.973799
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 63638
Amount: 16.560621
Amount Units: ug/l



Reviewer: HVW2, 01-Jul-2022 19:47:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

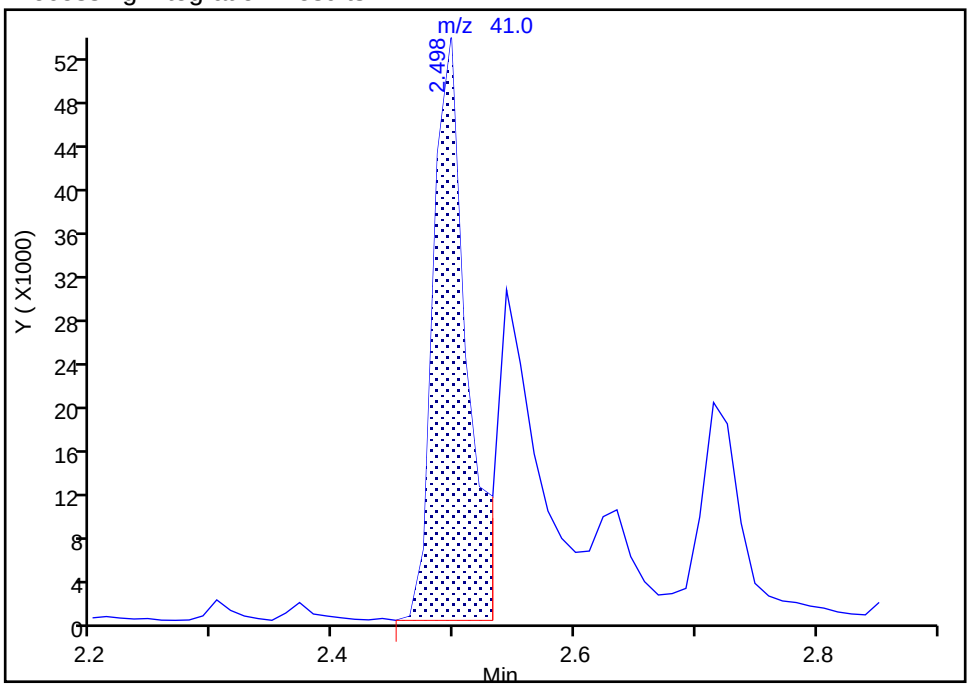
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21622.D
Injection Date: 01-Jul-2022 19:04:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

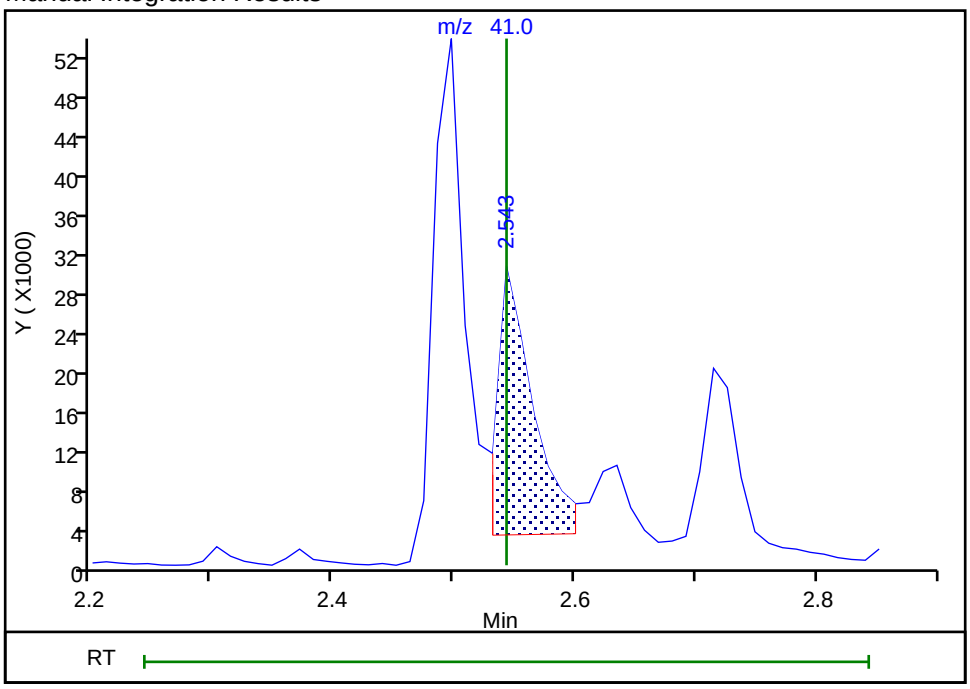
Processing Integration Results

RT: 2.50
Area: 104436
Amount: 266.8004
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 56967
Amount: 145.5323
Amount Units: ug/l



Reviewer: HVW2, 01-Jul-2022 19:47:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853294/2 Calibration Date: 07/02/2022 07:24

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21653.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	0.0410	0.0383		18.7	20.0	-6.5	20.0
Chlorotrifluoroethene	Ave	0.1999	0.1388		13.9	20.0	-30.5*	20.0
1,1-Difluoroethane	Ave	0.2075	0.1739		16.8	20.0	-16.2	20.0
Dichlorodifluoromethane	Ave	0.4586	0.5073	0.1000	22.1	20.0	10.6	20.0
Chlorodifluoromethane	Ave	0.0824	0.0907		22.0	20.0	10.1	20.0
Chloromethane	Lin2		0.3810	0.1000	15.8	20.0	-21.2*	20.0
Vinyl chloride	Ave	0.5370	0.4740	0.1000	17.7	20.0	-11.7	20.0
Butadiene	Ave	0.4732	0.4129		17.5	20.0	-12.7	20.0
Bromomethane	Ave	0.3645	0.2402	0.1000	13.2	20.0	-34.1	50.0
Chloroethane	Ave	0.3271	0.2981	0.1000	18.2	20.0	-8.9	50.0
Dichlorofluoromethane	Ave	0.7591	0.7259		19.1	20.0	-4.4	20.0
Trichlorofluoromethane	Ave	0.6663	0.7784	0.1000	23.4	20.0	16.8	20.0
Pentane	Ave	0.0844	0.0866		41.0	40.0	2.6	20.0
Ethanol	QuaF		0.4112		642	800	-19.8	50.0
Ethyl ether	Ave	0.2708	0.2648		19.6	20.0	-2.2	20.0
2-Methyl-1,3-butadiene	Ave	0.4259	0.3646		17.1	20.0	-14.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4433	0.4646		21.0	20.0	4.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6303	0.6146		19.5	20.0	-2.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4204	0.4715	0.1000	22.4	20.0	12.2	20.0
Acrolein	Ave	0.0674	0.0654		38.8	40.0	-2.9	50.0
1,1-Dichloroethene	Ave	0.4256	0.4422	0.1000	20.8	20.0	3.9	20.0
Acetone	Ave	1.604	1.651	0.0500	103	100	2.9	50.0
Iodomethane	Ave	0.7014	0.3930		11.2	20.0	-44.0*	20.0
Isopropyl alcohol	Ave	6.582	5.946		181	200	-9.7	50.0
Carbon disulfide	Ave	1.284	1.185	0.1000	18.5	20.0	-7.7	50.0
3-Chloro-1-propene	Ave	0.3283	0.2755		16.8	20.0	-16.1	20.0
Methyl acetate	Ave	0.3597	0.2653	0.1000	29.5	40.0	-26.2*	20.0
Cyclopentene	Ave	1.136	1.071		18.9	20.0	-5.7	20.0
Acetonitrile	Ave	0.5883	0.5282		180	200	-10.2	20.0
Methylene Chloride	Ave	0.4535	0.4416	0.1000	19.5	20.0	-2.6	20.0
2-Methyl-2-propanol	Lin2		14.50		206	200	3.0	50.0
Methyl tert-butyl ether	Ave	1.410	1.331	0.1000	18.9	20.0	-5.6	20.0
trans-1,2-Dichloroethene	Ave	0.5210	0.4870	0.1000	18.7	20.0	-6.5	20.0
Acrylonitrile	Ave	0.1752	0.1494		171	200	-14.7	20.0
Hexane	Ave	0.4994	0.5069		20.3	20.0	1.5	20.0
Isopropyl ether	Ave	1.339	1.011		15.1	20.0	-24.5*	20.0
1,1-Dichloroethane	Ave	0.8130	0.7326	0.2000	18.0	20.0	-9.9	20.0
Vinyl acetate	Ave	1.270	1.771		55.8	40.0	39.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.4653	0.4616		19.8	20.0	-0.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853294/2 Calibration Date: 07/02/2022 07:24

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21653.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
Tert-butyl ethyl ether	Ave	1.364	1.214		17.8	20.0	-11.0	20.0
2,2-Dichloropropane	Ave	0.1864	0.1875		20.1	20.0	0.6	20.0
cis-1,2-Dichloroethene	Ave	0.5805	0.5655	0.1000	19.5	20.0	-2.6	20.0
Ethyl acetate	Ave	0.6622	0.7739		46.7	40.0	16.9	20.0
Methyl Ethyl Ketone	Ave	0.7573	0.8855	0.0500	117	100	16.9	50.0
Methyl acrylate	Lin2		0.3004		14.9	20.0	-25.3*	20.0
Propionitrile	Ave	0.0644	0.0574		178	200	-10.9	20.0
Chlorobromomethane	Ave	0.2928	0.2801		19.1	20.0	-4.3	20.0
Tetrahydrofuran	Ave	0.0774	0.0631		32.6	40.0	-18.5	20.0
Methacrylonitrile	Ave	0.2240	0.2010		179	200	-10.3	20.0
Chloroform	Ave	0.8064	0.7741	0.2000	19.2	20.0	-4.0	20.0
1,1,1-Trichloroethane	Ave	0.7366	0.7518	0.1000	20.4	20.0	2.1	20.0
Cyclohexane	Ave	0.6879	0.7196	0.1000	20.9	20.0	4.6	50.0
Carbon tetrachloride	Ave	0.6039	0.6678	0.1000	22.1	20.0	10.6	20.0
1,1-Dichloropropene	Ave	0.6492	0.6057		18.7	20.0	-6.7	20.0
Isobutyl alcohol	Lin2		7.037		446	500	-10.9	20.0
Benzene	Ave	2.536	2.135	0.5000	16.8	20.0	-15.8	20.0
Isopropyl acetate	Ave	0.4861	0.4537		18.7	20.0	-6.7	20.0
Tert-amyl methyl ether	Ave	1.485	1.363		18.4	20.0	-8.2	20.0
1,2-Dichloroethane	Ave	0.5886	0.5447	0.1000	18.5	20.0	-7.4	20.0
n-Heptane	Ave	0.2261	0.2266		20.0	20.0	0.2	20.0
n-Butanol	Ave	2.484	2.242		451	500	-9.7	50.0
Trichloroethene	Ave	0.5006	0.5024	0.2000	20.1	20.0	0.4	20.0
Ethyl acrylate	Ave	0.0733	0.0795		21.7	20.0	8.5	20.0
Methylcyclohexane	Ave	0.6702	0.7488	0.1000	22.3	20.0	11.7	50.0
1,2-Dichloropropane	Ave	0.4353	0.3680	0.1000	16.9	20.0	-15.5	20.0
Methyl methacrylate	Ave	0.1553	0.1686		43.4	40.0	8.6	20.0
1,4-Dioxane	QuaF		2.126		215	400	-46.2	50.0
Dibromomethane	Ave	0.2905	0.2860		19.7	20.0	-1.6	20.0
n-Propyl acetate	Ave	0.6434	0.5062		15.7	20.0	-21.3*	20.0
Bromodichloromethane	Ave	0.5987	0.6022	0.2000	20.1	20.0	0.6	20.0
2-Nitropropane	Ave	0.1604	0.1410		35.2	40.0	-12.1	20.0
2-Chloroethyl vinyl ether	Ave	0.2994	0.2666		17.9	20.0	-10.9	20.0
Epichlorohydrin	Ave	0.5881	0.6693		455	400	13.8	20.0
cis-1,3-Dichloropropene	Ave	1.028	0.9218	0.2000	17.9	20.0	-10.3	50.0
methyl isobutyl ketone	Ave	4.920	5.321	0.0500	108	100	8.2	50.0
Toluene	Ave	2.875	2.502	0.4000	17.4	20.0	-13.0	20.0
trans-1,3-Dichloropropene	Ave	0.9317	0.8280	0.1000	17.8	20.0	-11.1	50.0
Ethyl methacrylate	Ave	0.7178	0.6075		16.9	20.0	-15.4	20.0
1,1,2-Trichloroethane	Ave	0.4910	0.4027	0.1000	16.4	20.0	-18.0	20.0
Tetrachloroethene	Ave	0.7312	0.7630	0.2000	20.9	20.0	4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853294/2 Calibration Date: 07/02/2022 07:24

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21653.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	0.9452	0.8280		17.5	20.0	-12.4	20.0
2-Hexanone	Ave	3.113	3.522	0.0500	113	100	13.1	50.0
n-Butyl acetate	Qua2		0.6068		14.2	20.0	-28.8*	20.0
Dibromochloromethane	Ave	0.6653	0.6538	0.1000	19.7	20.0	-1.7	50.0
Ethylene Dibromide	Ave	0.6008	0.5777	0.1000	19.2	20.0	-3.8	20.0
Chlorobenzene	Ave	1.888	1.794	0.5000	19.0	20.0	-5.0	20.0
Ethylbenzene	Ave	0.9579	0.9278	0.1000	19.4	20.0	-3.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6159	0.6136		19.9	20.0	-0.4	20.0
m-Xylene & p-Xylene	Ave	1.170	1.179	0.1000	20.1	20.0	0.7	20.0
o-Xylene	Ave	1.169	1.141	0.3000	19.5	20.0	-2.4	20.0
n-Butyl acrylate	Ave	0.4513	0.4072		18.0	20.0	-9.8	20.0
Styrene	Ave	1.805	1.861	0.3000	20.6	20.0	3.1	20.0
Amyl acetate (mixed isomers)	Ave	1.836	1.356		14.8	20.0	-26.1*	20.0
Bromoform	Ave	0.4329	0.4585	0.1000	21.2	20.0	5.9	20.0
Isopropylbenzene	Ave	2.896	2.783	0.1000	19.2	20.0	-3.9	20.0
Bromobenzene	Ave	1.543	1.482		19.2	20.0	-3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.583	1.260	0.3000	15.9	20.0	-20.4*	20.0
N-Propylbenzene	Ave	6.351	5.852		18.4	20.0	-7.9	20.0
1,2,3-Trichloropropane	Lin2		0.4536		18.4	20.0	-8.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4268	0.3371		15.8	20.0	-21.0*	20.0
2-Chlorotoluene	Ave	4.210	3.879		18.4	20.0	-7.9	20.0
4-Ethyltoluene	Ave	5.699	5.485		19.3	20.0	-3.7	20.0
1,3,5-Trimethylbenzene	Ave	4.500	4.297		19.1	20.0	-4.5	20.0
4-Chlorotoluene	Ave	3.955	3.573		18.1	20.0	-9.7	20.0
Butyl Methacrylate	Ave	1.453	1.252		17.2	20.0	-13.8	20.0
tert-Butylbenzene	Ave	3.987	3.920		19.7	20.0	-1.7	20.0
1,2,4-Trimethylbenzene	Ave	4.445	4.223		19.0	20.0	-5.0	20.0
sec-Butylbenzene	Ave	5.489	5.401		19.7	20.0	-1.6	20.0
4-Isopropyltoluene	Ave	4.797	4.625		19.3	20.0	-3.6	20.0
1,3-Dichlorobenzene	Ave	2.779	2.730	0.6000	19.7	20.0	-1.7	20.0
1,4-Dichlorobenzene	Ave	2.892	2.791	0.5000	19.3	20.0	-3.5	20.0
1,2,3-Trimethylbenzene	Ave	4.697	4.340		18.5	20.0	-7.6	20.0
Benzyl chloride	Ave	3.182	2.875		18.1	20.0	-9.6	50.0
2,3-Dihydroindene	Ave	4.881	4.667		19.1	20.0	-4.4	20.0
p-Diethylbenzene	Ave	2.583	2.465		19.1	20.0	-4.6	20.0
n-Butylbenzene	Ave	2.115	1.875		17.7	20.0	-11.3	20.0
1,2-Dichlorobenzene	Ave	2.684	2.550	0.4000	19.0	20.0	-5.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.749	3.290		17.6	20.0	-12.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3891	0.3634	0.0500	18.7	20.0	-6.6	50.0
1,3,5-Trichlorobenzene	Ave	1.609	1.663		20.7	20.0	3.4	20.0
1,2,4-Trichlorobenzene	Ave	1.432	1.415	0.2000	19.8	20.0	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Lab Sample ID: CCVIS 460-853294/2 Calibration Date: 07/02/2022 07:24

Instrument ID: CVOAMS7 Calib Start Date: 07/01/2022 01:33

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/01/2022 07:33

Lab File ID: V21653.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	Lin2		0.4807		21.8	20.0	8.9	20.0
Naphthalene	Ave	4.242	3.925		18.5	20.0	-7.5	50.0
1,2,3-Trichlorobenzene	Ave	1.354	1.355		20.0	20.0	0.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2829	0.3009		53.2	50.0	6.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2841	0.2882		50.7	50.0	1.4	20.0
Toluene-d8 (Surr)	Ave	1.646	1.540		46.8	50.0	-6.5	20.0
4-Bromofluorobenzene	Ave	0.4473	0.4792		53.6	50.0	7.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21653.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Jul-2022 07:24:30 ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0147363-002
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:02:59 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: XE5L Date: 03-Jul-2022 11:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	81	5379	20.0	18.7	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	85	19491	20.0	13.9	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	90	24415	20.0	16.8	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	71212	20.0	22.1	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	12737	20.0	22.0	
6 Chloromethane	50	1.423	1.423	0.000	98	53483	20.0	15.8	
7 Vinyl chloride	62	1.480	1.480	0.000	98	66540	20.0	17.7	
8 Butadiene	54	1.503	1.503	0.000	95	57967	20.0	17.5	
9 Bromomethane	94	1.698	1.698	0.000	98	33718	20.0	13.2	
10 Chloroethane	64	1.766	1.766	0.000	98	41840	20.0	18.2	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	98	101901	20.0	19.1	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	98	109269	20.0	23.4	
13 Pentane	72	1.938	1.938	0.000	94	24306	40.0	41.0	
17 Ethanol	46	2.040	2.040	0.000	97	6385	800.0	641.9	
14 Ethyl ether	74	2.075	2.075	0.000	93	37177	20.0	19.6	
15 2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	95	51187	20.0	17.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	92	65225	20.0	21.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.155	0.000	98	86283	20.0	19.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	96	66188	20.0	22.4	
52 Acrolein	56	2.212	2.212	0.000	94	18368	40.0	38.8	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	93	62072	20.0	20.8	
23 Acetone	43	2.303	2.303	0.000	86	74886	100.0	102.9	
21 Iodomethane	142	2.372	2.372	0.000	97	55167	20.0	11.2	
24 Isopropyl alcohol	45	2.372	2.372	0.000	57	23079	200.0	180.7	
22 Carbon disulfide	76	2.406	2.406	0.000	99	166339	20.0	18.5	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	76	38681	20.0	16.8	
30 Methyl acetate	43	2.498	2.498	0.000	94	74491	40.0	29.5	
25 Cyclopentene	67	2.521	2.521	0.000	96	150329	20.0	18.9	
27 Acetonitrile	41	2.543	2.543	0.000	96	47917	200.0	179.5	a
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	100	19408	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
29 Methylene Chloride	84	2.601	2.601	0.000	82	61987	20.0	19.5	
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	99	56269	200.0	206.1	
32 Methyl tert-butyl ether	73	2.726	2.726	0.000	96	186842	20.0	18.9	
33 trans-1,2-Dichloroethene	96	2.761	2.761	0.000	85	68364	20.0	18.7	
35 Acrylonitrile	53	2.806	2.806	0.000	93	209775	200.0	170.5	
36 Hexane	57	2.886	2.886	0.000	89	71160	20.0	20.3	
37 Isopropyl ether	45	3.046	3.046	0.000	94	141925	20.0	15.1	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	68	102841	20.0	18.0	
40 Vinyl acetate	86	3.092	3.092	0.000	98	32140	40.0	55.8	
39 2-Chloro-1,3-butadiene	88	3.138	3.138	0.000	89	64802	20.0	19.8	
41 Tert-butyl ethyl ether	59	3.321	3.321	0.000	91	170356	20.0	17.8	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	96	113400	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	26324	20.0	20.1	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	60	79390	20.0	19.5	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	98	40168	100.0	116.9	
47 Ethyl acetate	70	3.561	3.561	0.000	91	14042	40.0	46.7	
46 Methyl acrylate	55	3.618	3.618	0.000	97	42171	20.0	14.9	
48 Propionitrile	54	3.675	3.675	0.000	97	80565	200.0	178.3	
50 Tetrahydrofuran	72	3.766	3.766	0.000	62	17720	40.0	32.6	
49 Chlorobromomethane	128	3.766	3.766	0.000	74	39322	20.0	19.1	
54 Methacrylonitrile	67	3.778	3.778	0.000	87	282099	200.0	179.5	
51 Chloroform	83	3.812	3.812	0.000	99	108662	20.0	19.2	
53 Cyclohexane	84	3.938	3.938	0.000	84	101019	20.0	20.9	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	97	105534	20.0	20.4	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	105582	50.0	53.2	
57 Carbon tetrachloride	117	4.064	4.064	0.000	96	93751	20.0	22.1	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	94	85026	20.0	18.7	
61 Isobutyl alcohol	43	4.212	4.212	0.000	83	68284	500.0	445.6	
64 Isooctane	57	4.235	4.235	0.000	99	152802	20.0	20.4	
59 Benzene	78	4.281	4.281	0.000	96	247142	20.0	16.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	101126	50.0	50.7	
66 Isopropyl acetate	87	4.326	4.326	0.000	95	63691	20.0	18.7	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	93	191277	20.0	18.4	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	98	76470	20.0	18.5	
65 n-Heptane	57	4.418	4.418	0.000	79	31808	20.0	20.0	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	350944	50.0	50.0	
70 n-Butanol	56	4.898	4.898	0.000	86	21757	500.0	451.4	
69 Trichloroethene	95	4.921	4.921	0.000	93	70525	20.0	20.1	
72 Methylcyclohexane	83	5.035	5.035	0.000	83	105120	20.0	22.3	
71 Ethyl acrylate	99	5.035	5.035	0.000	95	11167	20.0	21.7	
73 1,2-Dichloropropane	63	5.195	5.195	0.000	85	51660	20.0	16.9	
74 Methyl methacrylate	100	5.275	5.275	0.000	81	47340	40.0	43.4	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	45	16841	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	29	14320	400.0	215.4	
77 n-Propyl acetate	43	5.344	5.344	0.000	96	71058	20.0	15.7	
75 Dibromomethane	93	5.344	5.344	0.000	84	40150	20.0	19.7	
76 Dichlorobromomethane	83	5.504	5.504	0.000	98	84535	20.0	20.1	
34 2-Nitropropane	41	5.847	5.847	0.000	87	39578	40.0	35.2	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	79	37521	20.0	17.9	
80 Epichlorohydrin	57	5.961	5.961	0.000	98	121436	400.0	455.2	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	106717	20.0	17.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	93	241363	100.0	108.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	445625	50.0	46.8	
83 Toluene	91	6.361	6.361	0.000	95	289657	20.0	17.4	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	95858	20.0	17.8	
86 Ethyl methacrylate	69	6.795	6.795	0.000	85	70338	20.0	16.9	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	91	46624	20.0	16.4	
88 Tetrachloroethene	166	7.047	7.047	0.000	95	88336	20.0	20.9	
89 1,3-Dichloropropane	76	7.230	7.230	0.000	92	95858	20.0	17.5	
91 2-Hexanone	43	7.298	7.298	0.000	94	159753	100.0	113.1	
92 n-Butyl acetate	43	7.447	7.447	0.000	95	70251	20.0	14.2	
90 Chlorodibromomethane	129	7.492	7.492	0.000	97	75689	20.0	19.7	
93 Ethylene Dibromide	107	7.652	7.652	0.000	98	66887	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	289433	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	207733	20.0	19.0	
97 Ethylbenzene	106	8.327	8.327	0.000	97	107411	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	95	71033	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	93	136454	20.0	20.1	
100 o-Xylene	106	8.898	8.898	0.000	97	132116	20.0	19.5	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	47141	20.0	18.0	
101 Styrene	104	8.933	8.933	0.000	98	215462	20.0	20.6	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	94	82022	20.0	14.8	
103 Bromoform	173	9.150	9.150	0.000	96	53083	20.0	21.2	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	322224	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	138701	50.0	53.6	
107 Bromobenzene	156	9.596	9.596	0.000	86	89642	20.0	19.2	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	96	76209	20.0	15.9	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	353883	20.0	18.4	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	95	27432	20.0	18.4	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	91	20386	20.0	15.8	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	331702	20.0	19.3	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	234595	20.0	18.4	
116 1,3,5-Trimethylbenzene	105	9.836	9.836	0.000	95	259837	20.0	19.1	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	216060	20.0	18.1	
117 Butyl Methacrylate	87	9.938	9.938	0.000	87	75721	20.0	17.2	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	237068	20.0	19.7	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	95	255348	20.0	19.0	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	326597	20.0	19.7	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	279707	20.0	19.3	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	165096	20.0	19.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	151178	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	168778	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	262431	20.0	18.5	
125 Benzyl chloride	91	10.636	10.636	0.000	100	173854	20.0	18.1	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	282218	20.0	19.1	
126 p-Diethylbenzene	119	10.739	10.739	0.000	96	149036	20.0	19.1	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	113410	20.0	17.7	
128 1,2-Dichlorobenzene	146	10.819	10.819	0.000	99	154176	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	99	198958	20.0	17.6	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	90	21975	20.0	18.7	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	100579	20.0	20.7	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	93	85541	20.0	19.8	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	92	29066	20.0	21.8	
134 Naphthalene	128	12.202	12.202	0.000	99	237356	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	97	81965	20.0	20.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 137 Xylenes, Total	100				0		40.0	39.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	35.7	
S 139 Total BTEX	1				0		100.0	93.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00156	Amount Added:	20.00	Units: uL	
524freon_00054	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Jul-2022 11:03:00 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21653.D

Injection Date: 02-Jul-2022 07:24:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

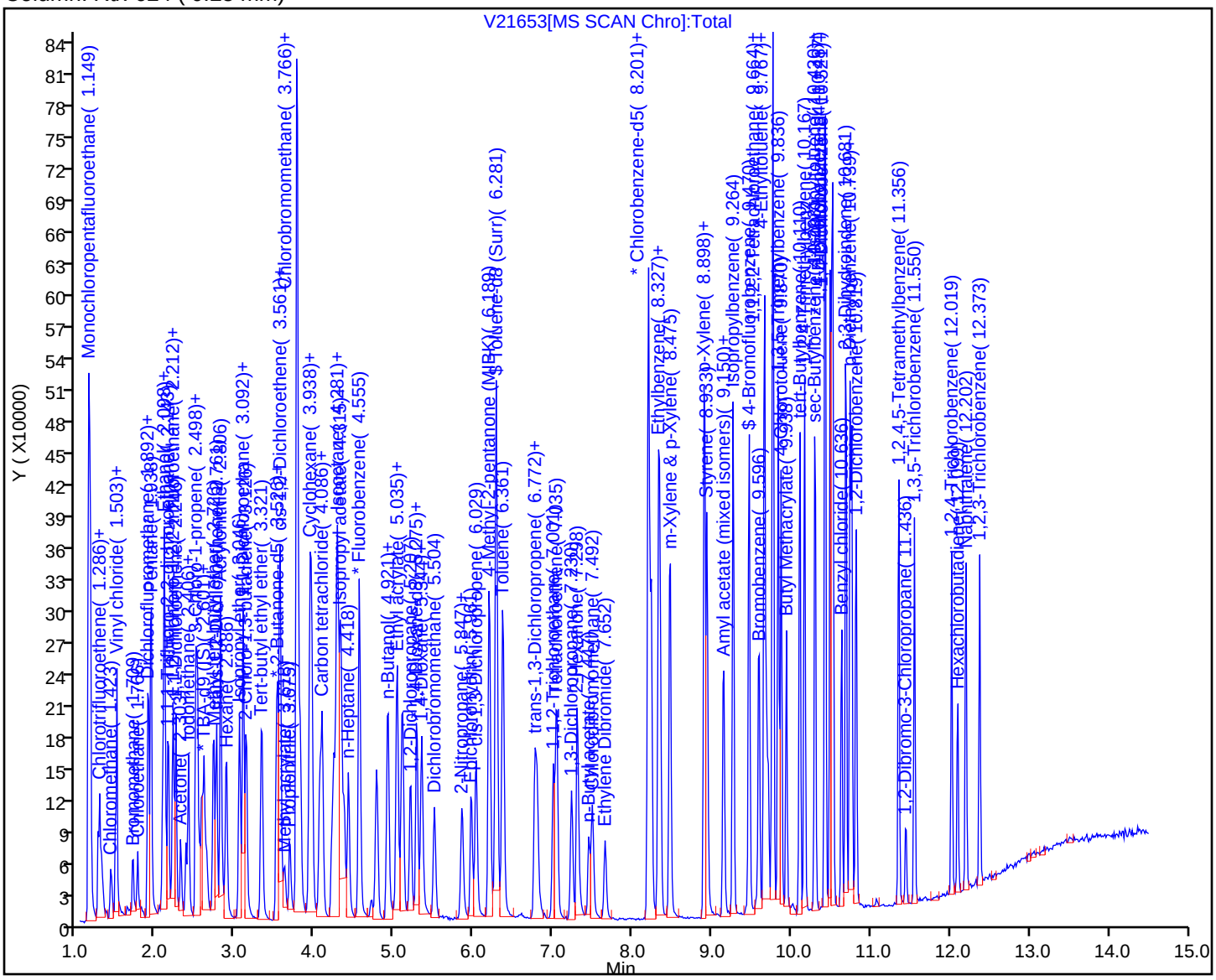
Client ID:

Operator ID: ALS Bottle#: 51 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

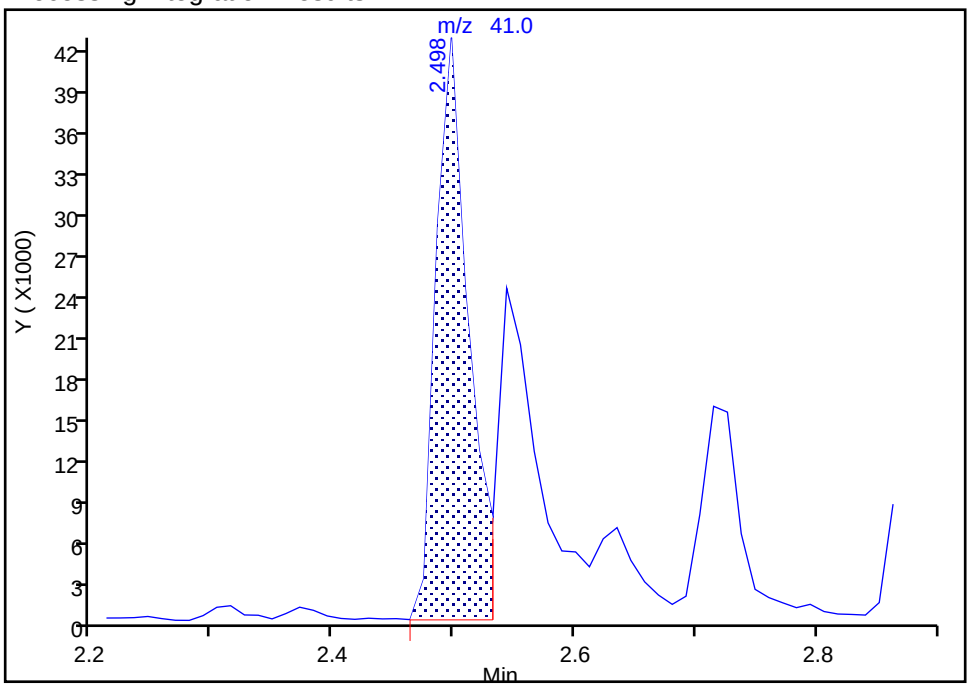
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21653.D
Injection Date: 02-Jul-2022 07:24:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

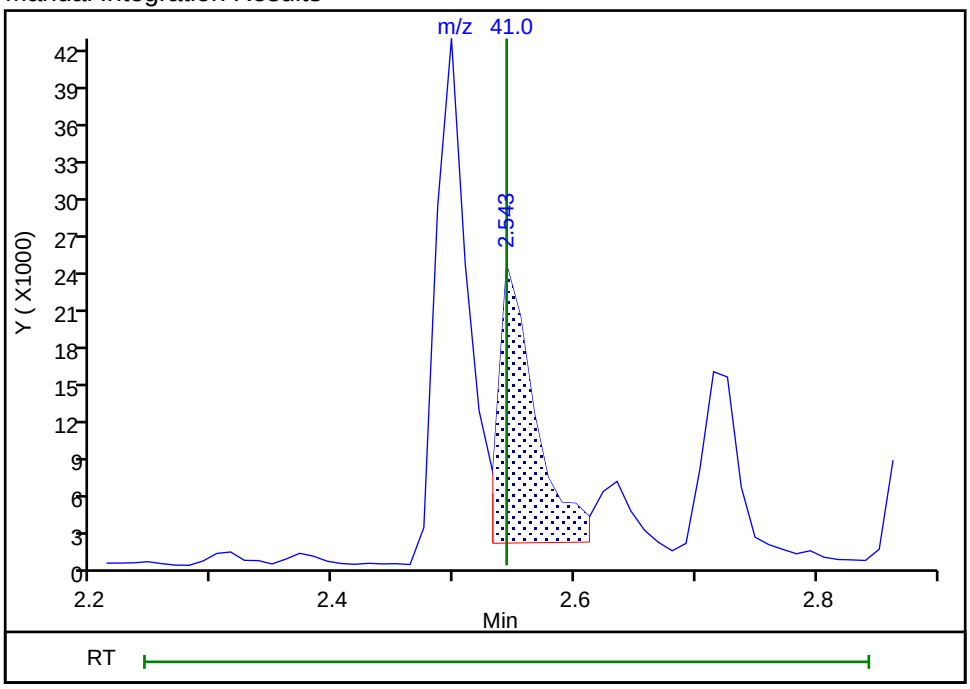
Processing Integration Results

RT: 2.50
Area: 80399
Amount: 301.2620
Amount Units: ug/l



Manual Integration Results

RT: 2.54
Area: 47917
Amount: 179.5491
Amount Units: ug/l



Reviewer: RD6L, 02-Jul-2022 08:00:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21573.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	01-Jul-2022 00:49:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0147308-001				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	01-Jul-2022 13:54:11	Calib Date:	01-Jul-2022 07:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1665				
First Level Reviewer: NN6A		Date:	01-Jul-2022 12:31:45		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

Reagents:

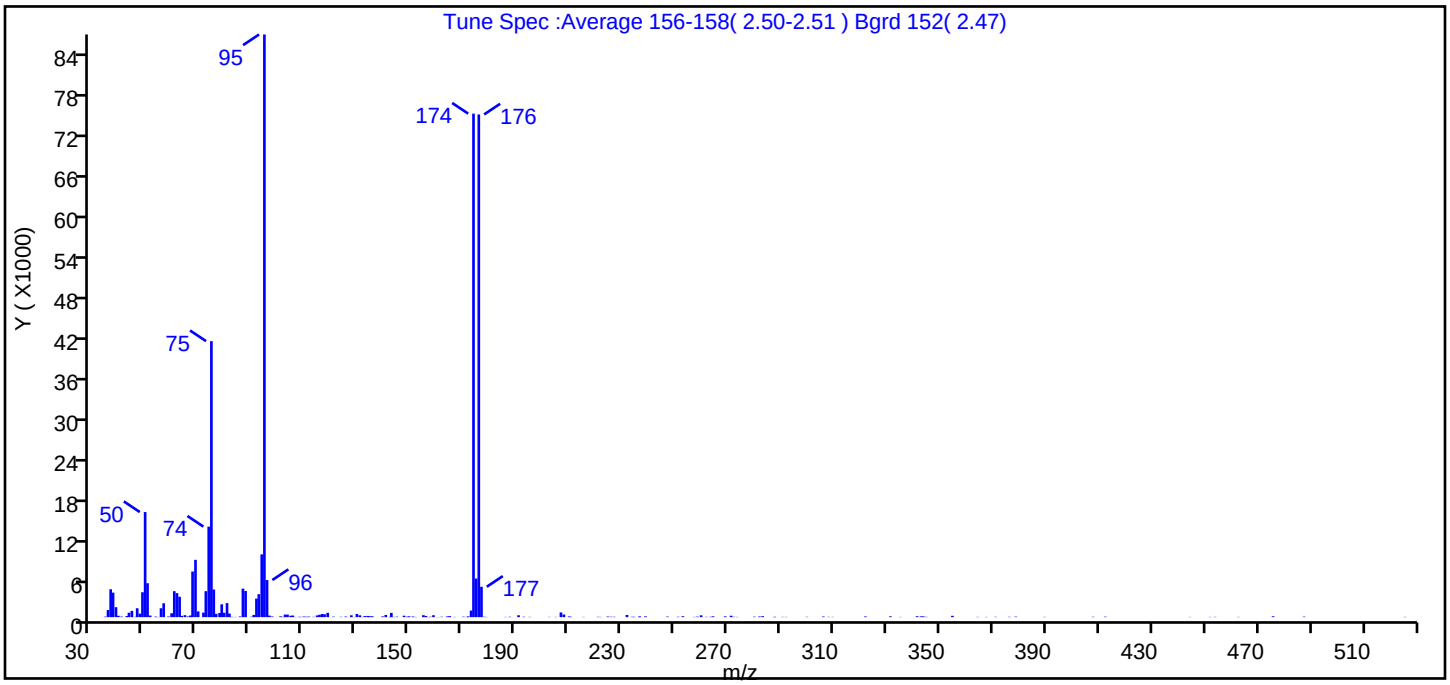
BFB_00031 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21573.D
Injection Date: 01-Jul-2022 00:49:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (115.7)
96	5 to 9% of m/z 95	6.4
173	<2% of m/z 174	1.1 (1.3)
174	50 to 200% of m/z 95	86.4
175	5 to 9% of m/z 174	6.6 (7.7)
176	95 to 105% of m/z 174	86.3 (99.8)
177	5 to 10% of m/z 176	5.2 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21573.D\8260W_7.rslt\spectra.d
Injection Date: 01-Jul-2022 00:49:30
Spectrum: Tune Spec :Average 156-158(2.50-2.51) Bgrd 152(2.47)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	75	88.00	3865	148.00	210	247.00	82
36.00	1046	90.00	62	149.00	70	251.00	57
37.00	4112	91.00	331	150.00	119	253.00	137
38.00	3619	92.00	2736	151.00	93	257.00	36
39.00	1475	93.00	3387	152.00	39	258.00	77
40.00	204	94.00	9265	155.00	288	260.00	267
41.00	81	95.00	86032	156.00	176	262.00	47
43.00	168	96.00	5482	157.00	33	264.00	54
44.00	655	97.00	226	158.00	55	264.00	121
45.00	924	98.00	91	159.00	283	269.00	118
46.00	44	101.00	120	161.00	23	271.00	208
47.00	1313	102.00	42	162.00	60	272.00	48
48.00	517	103.00	379	164.00	104	274.00	33
49.00	3674	104.00	379	165.00	153	280.00	68
50.00	15516	105.00	205	167.00	35	282.00	94
51.00	5008	106.00	238	170.00	66	283.00	146
52.00	235	107.00	34	172.00	40	288.00	42
54.00	81	108.00	51	172.00	108	288.00	36
55.00	22	109.00	40	173.00	974	291.00	40
56.00	1313	110.00	90	174.00	74344	292.00	37
57.00	2048	111.00	59	175.00	5703	300.00	48
59.00	97	112.00	81	176.00	74224	306.00	92
60.00	575	114.00	42	177.00	4484	308.00	41
61.00	3832	115.00	252	178.00	55	310.00	37
62.00	3545	116.00	353	179.00	32	322.00	104
63.00	3012	117.00	458	186.00	35	331.00	122
64.00	185	118.00	433	188.00	57	335.00	33
65.00	291	119.00	639	191.00	279	341.00	136
66.00	97	120.00	5	193.00	60	343.00	112
67.00	243	121.00	72	195.00	40	344.00	114
68.00	6735	124.00	48	203.00	36	345.00	49
69.00	8461	126.00	88	205.00	40	355.00	196
70.00	850	128.00	270	207.00	693	364.00	40

Report Date: 01-Jul-2022 13:54:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21573.D\8260W_7.rslt\spectra.d
Injection Date: 01-Jul-2022 00:49:30
Spectrum: Tune Spec :Average 156-158(2.50-2.51) Bgrd 152(2.47)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	666	129.00	27	208.00	388	368.00	36
73.00	3835	130.00	470	210.00	100	371.00	47
74.00	13364	131.00	268	211.00	47	376.00	49
75.00	40752	132.00	40	216.00	36	379.00	74
76.00	4075	133.00	161	221.00	49	389.00	39
77.00	485	134.00	180	222.00	33	408.00	56
78.00	611	135.00	134	225.00	89	412.00	69
79.00	1895	136.00	135	226.00	56	444.00	34
80.00	653	137.00	6	227.00	55	452.00	36
81.00	2072	140.00	108	232.00	322	454.00	42
82.00	529	141.00	325	234.00	58	463.00	37
83.00	44	142.00	50	235.00	43	476.00	126
84.00	34	143.00	626	237.00	46	487.00	76
86.00	98	144.00	39	237.00	106	526.00	40
87.00	4210	145.00	69	239.00	119		

Report Date: 01-Jul-2022 13:54:12 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21573.D

Injection Date: 01-Jul-2022 00:49:30 Instrument ID: CVOAMS7

Lims ID: BFB

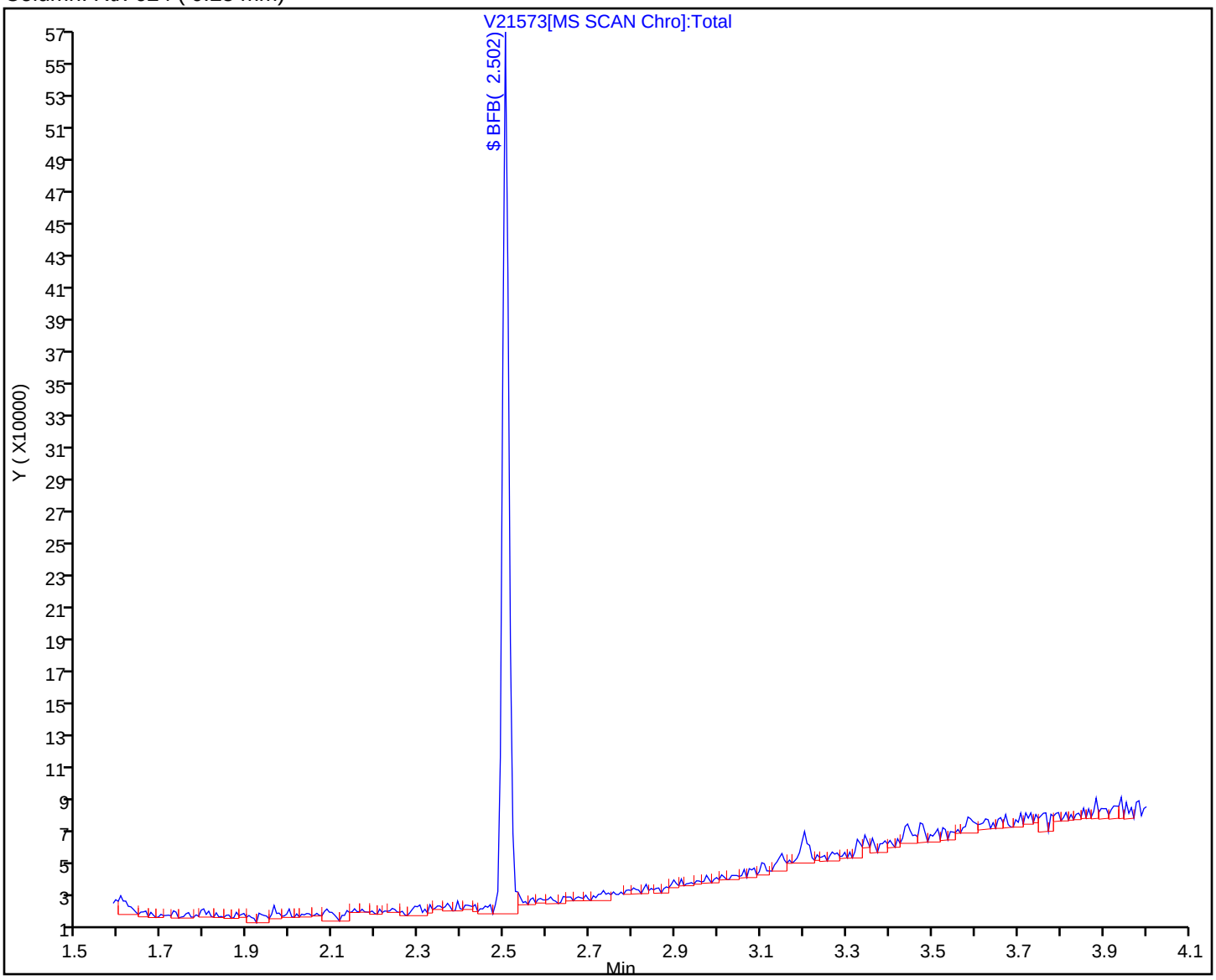
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-853230/7

Matrix: Water | Lab File ID: V21627.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 20:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-853230/7

Matrix: Water | Lab File ID: V21627.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 20:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21627.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Jul-2022 20:50:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0147350-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:11:21 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: RD6L Date: 02-Jul-2022 08:11:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	26121	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	98	143517	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	96	112156	50.0	49.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	105381	50.0	46.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	402680	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.286	5.286	0.000	84	14710	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	488723	50.0	47.5	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	312326	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	141658	50.0	50.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	157415	50.0	50.0	

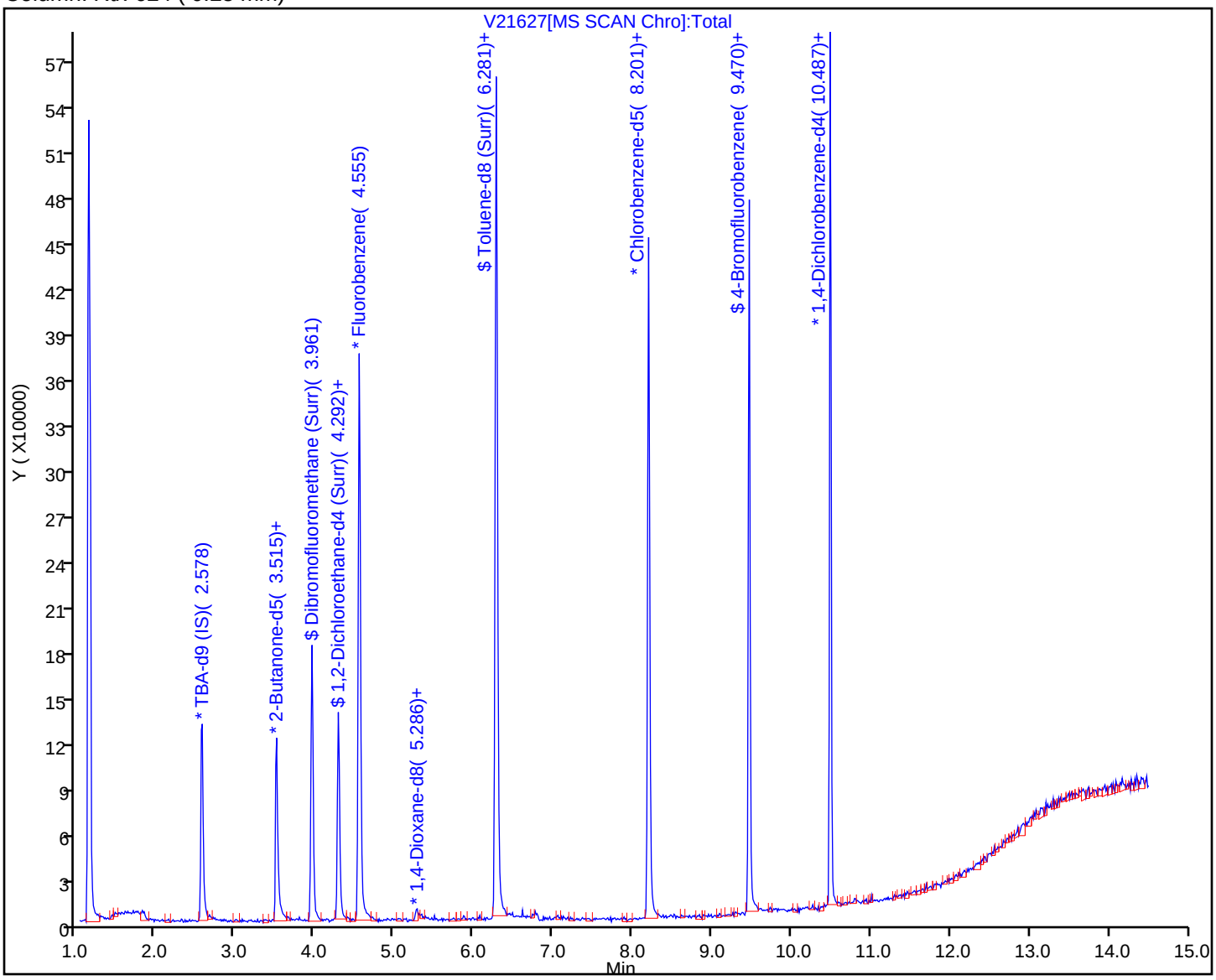
Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 08:11:22 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21627.D
Injection Date: 01-Jul-2022 20:50:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21627.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Jul-2022 20:50:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0147350-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:11:21 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: RD6L Date: 02-Jul-2022 08:11:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.2	98.45
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	46.1	92.12
$ 82 Toluene-d8 (Surr)	50.0	47.5	95.05
$ 105 4-Bromofluorobenzene	50.0	50.7	101.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-853294/7

Matrix: Water | Lab File ID: V21658.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-853294/7

Matrix: Water | Lab File ID: V21658.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21658.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Jul-2022 09:11:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0147363-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 09:52:48 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: RD6L Date: 02-Jul-2022 09:52:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.578	2.566	0.012	99	18279	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.515	3.515	0.000	96	106843	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	104869	50.0	51.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	97224	50.0	47.4	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	360777	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	85	14249	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	430317	50.0	45.4	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	81	287806	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	131875	50.0	51.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	148635	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00228 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 02-Jul-2022 09:52:55 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21658.D

Injection Date: 02-Jul-2022 09:11:30 Instrument ID: CVOAMS7

Lims ID: MB

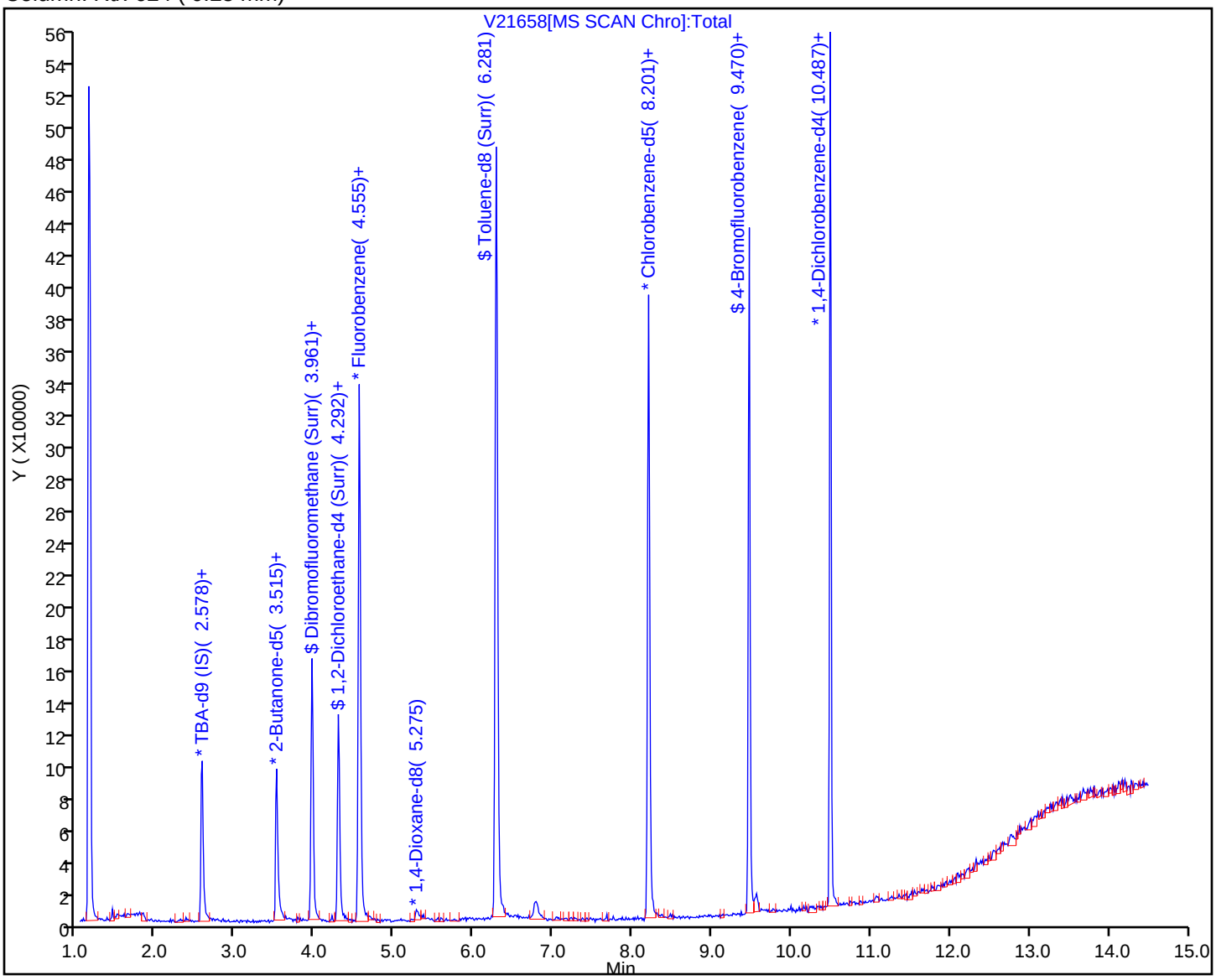
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21658.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Jul-2022 09:11:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0147363-007
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 09:52:48 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: RD6L Date: 02-Jul-2022 09:52:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.4	102.75
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.87
$ 82 Toluene-d8 (Surr)	50.0	45.4	90.82
$ 105 4-Bromofluorobenzene	50.0	51.2	102.44

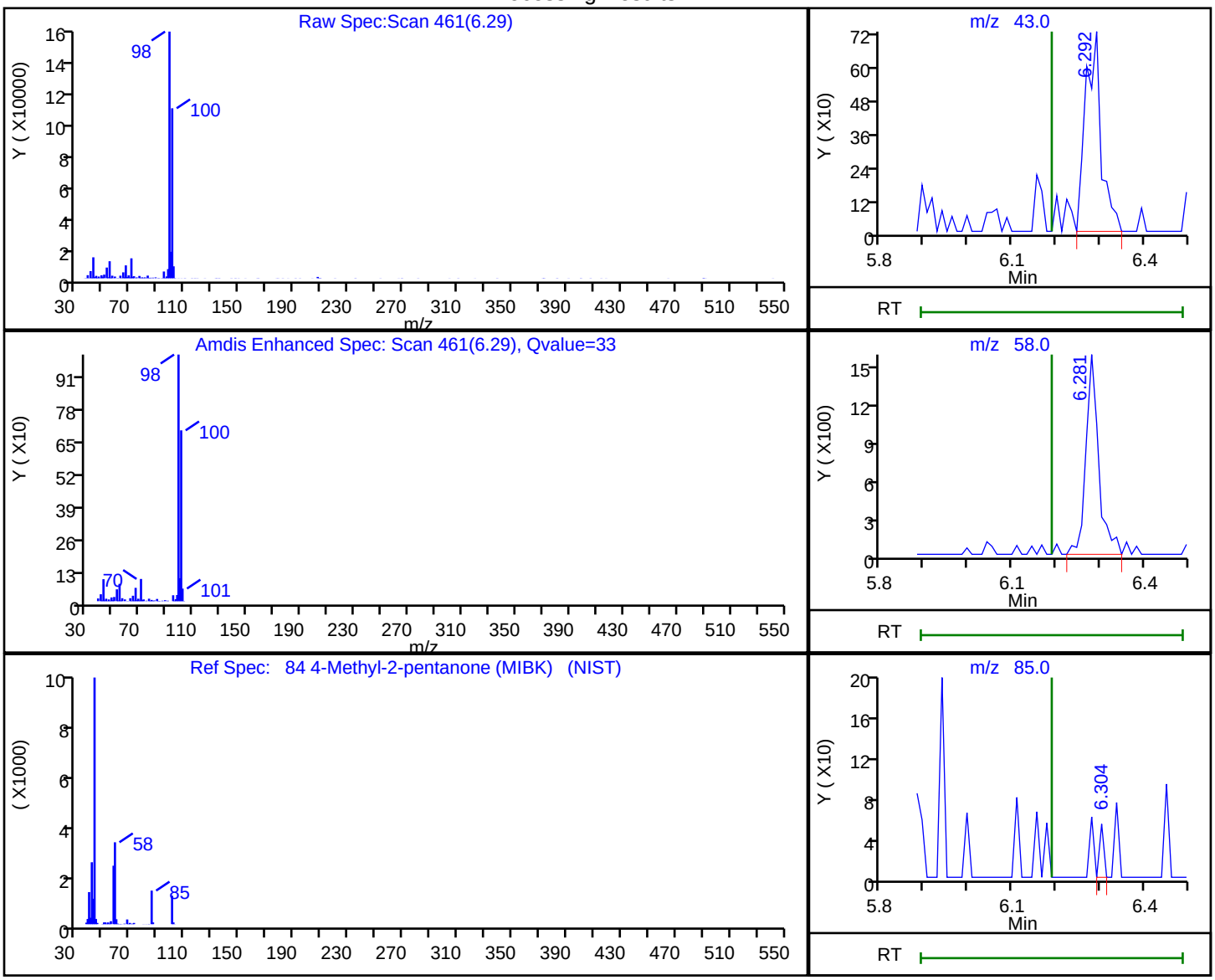
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21658.D
Injection Date: 02-Jul-2022 09:11:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.29	43.00	1795	0.853707
6.28	58.00	3169	
6.30	85.00	36	
6.28	100.00	296302	

Reviewer: RD6L, 02-Jul-2022 09:52:27
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.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-853230/3

Matrix: Water | Lab File ID: V21623.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 19:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.1		0.50	0.37
79-00-5	1,1,2-Trichloroethane	16.9		0.50	0.20
75-34-3	1,1-Dichloroethane	17.5		0.50	0.26
75-35-4	1,1-Dichloroethene	18.7		0.50	0.26
107-06-2	1,2-Dichloroethane	19.1		0.50	0.43
78-87-5	1,2-Dichloropropane	17.5		0.50	0.35
591-78-6	2-Hexanone	115		2.5	1.1
67-64-1	Acetone	100		5.0	4.4
71-43-2	Benzene	17.1		0.50	0.20
75-27-4	Bromodichloromethane	17.8		0.50	0.34
75-25-2	Bromoform	20.8		0.50	0.54
74-83-9	Bromomethane	17.6		0.50	0.55
75-15-0	Carbon disulfide	17.7		0.50	0.82
56-23-5	Carbon tetrachloride	20.7		0.50	0.21
108-90-7	Chlorobenzene	18.4		0.50	0.38
75-00-3	Chloroethane	17.9		0.50	0.32
67-66-3	Chloroform	18.6		0.50	0.33
74-87-3	Chloromethane	16.0		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	17.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.4		0.50	0.22
124-48-1	Dibromochloromethane	18.8		0.50	0.28
100-41-4	Ethylbenzene	18.7		0.50	0.30
78-93-3	Methyl Ethyl Ketone	107		2.5	1.9
108-10-1	methyl isobutyl ketone	108		2.5	1.3
1634-04-4	Methyl tert-butyl ether	18.5		0.50	0.22
75-09-2	Methylene Chloride	18.5		0.50	0.32
100-42-5	Styrene	18.9		0.50	0.42
127-18-4	Tetrachloroethene	19.9		0.50	0.25
108-88-3	Toluene	17.6		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	17.5		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	17.2		0.50	0.22
79-01-6	Trichloroethene	18.2		0.50	0.31
75-01-4	Vinyl chloride	17.6		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-853230/3

Matrix: Water | Lab File ID: V21623.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 19:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	36.9		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Report Date: 02-Jul-2022 19:17:50 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21623.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Jul-2022 19:25:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0147350-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:45:38

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.183	1.183	0.000	71	4108	20.0	12.1	
3	Chlorotrifluoroethene	116	1.263	1.263	0.000	87	26991	20.0	16.3	
4	1,1-Difluoroethane	65	1.275	1.275	0.000	94	26376	20.0	15.4	
5	Dichlorodifluoromethane	85	1.286	1.286	0.000	99	72505	20.0	19.1	
2	Chlorodifluoromethane	67	1.309	1.309	0.000	100	12206	20.0	17.9	
6	Chloromethane	50	1.435	1.435	0.000	98	64074	20.0	16.0	
7	Vinyl chloride	62	1.480	1.480	0.000	98	78052	20.0	17.6	
8	Butadiene	54	1.503	1.503	0.000	95	71108	20.0	18.2	
9	Bromomethane	94	1.709	1.698	0.011	99	53204	20.0	17.6	
10	Chloroethane	64	1.766	1.766	0.000	98	48323	20.0	17.9	
11	Dichlorofluoromethane	67	1.892	1.892	0.000	97	111871	20.0	17.8	
12	Trichlorofluoromethane	101	1.903	1.903	0.000	98	114973	20.0	20.9	
13	Pentane	72	1.938	1.926	0.012	93	27587	40.0	39.5	
17	Ethanol	46	2.041	2.040	0.001	94	9890	800.0	721.8	
14	Ethyl ether	74	2.075	2.075	0.000	96	41198	20.0	18.4	
15	2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	96	61708	20.0	17.5	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	92	65537	20.0	17.9	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.143	0.012	97	98477	20.0	18.9	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	97	71631	20.0	20.6	
52	Acrolein	56	2.223	2.212	0.011	93	14864	40.0	26.7	
20	1,1-Dichloroethene	96	2.246	2.246	0.000	94	65858	20.0	18.7	
23	Acetone	43	2.303	2.303	0.000	86	106716	100.0	100.5	
21	Iodomethane	142	2.372	2.372	0.000	97	90179	20.0	15.5	
24	Isopropyl alcohol	45	2.372	2.372	0.000	51	34213	200.0	194.3	
22	Carbon disulfide	76	2.406	2.406	0.000	99	187960	20.0	17.7	
26	3-Chloro-1-propene	76	2.498	2.498	0.000	95	46862	20.0	17.3	
30	Methyl acetate	43	2.498	2.498	0.000	96	110090	40.0	37.0	
25	Cyclopentene	67	2.521	2.520	0.001	95	177523	20.0	18.9	
27	Acetonitrile	41	2.555	2.543	0.012	96	66010	200.0	169.4	a
* 28	TBA-d9 (IS)	66	2.578	2.578	0.000	100	26748	1000.0	1000.0	
29	Methylene Chloride	84	2.601	2.600	0.001	83	69316	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	85645	200.0	227.9	
32 Methyl tert-butyl ether	73	2.726	2.715	0.011	96	216088	20.0	18.5	
33 trans-1,2-Dichloroethene	96	2.761	2.760	0.001	89	75591	20.0	17.5	
35 Acrylonitrile	53	2.806	2.806	0.000	94	288848	200.0	199.3	
36 Hexane	57	2.886	2.875	0.011	91	80156	20.0	19.4	
37 Isopropyl ether	45	3.046	3.046	0.000	93	176160	20.0	15.9	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	99	117622	20.0	17.5	
40 Vinyl acetate	86	3.092	3.092	0.000	99	34129	40.0	40.6	
39 2-Chloro-1,3-butadiene	88	3.138	3.126	0.012	90	73163	20.0	19.0	
41 Tert-butyl ethyl ether	59	3.332	3.321	0.011	90	203971	20.0	18.1	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	99	165534	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	29250	20.0	19.0	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	98	85772	20.0	17.9	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	97	53754	100.0	107.2	
47 Ethyl acetate	70	3.561	3.561	0.000	95	19362	40.0	44.2	
46 Methyl acrylate	55	3.618	3.618	0.000	99	59292	20.0	17.8	
48 Propionitrile	54	3.686	3.675	0.011	98	108164	200.0	203.1	
50 Tetrahydrofuran	72	3.766	3.766	0.000	75	24894	40.0	38.9	
49 Chlorobromomethane	128	3.766	3.766	0.000	75	44155	20.0	18.2	
54 Methacrylonitrile	67	3.778	3.766	0.012	90	357467	200.0	193.0	
51 Chloroform	83	3.812	3.812	0.000	99	124119	20.0	18.6	
53 Cyclohexane	84	3.938	3.938	0.000	86	108700	20.0	19.1	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	98	116361	20.0	19.1	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	117748	50.0	50.3	
57 Carbon tetrachloride	117	4.064	4.063	0.001	95	103481	20.0	20.7	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	94	95894	20.0	17.9	
61 Isobutyl alcohol	43	4.212	4.212	0.000	98	102549	500.0	485.1	
64 Isooctane	57	4.235	4.235	0.000	98	177512	20.0	20.1	
59 Benzene	78	4.281	4.269	0.012	97	286909	20.0	17.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	97	114687	50.0	48.8	
66 Isopropyl acetate	87	4.326	4.326	0.000	92	74178	20.0	18.5	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	88	230020	20.0	18.7	
63 1,2-Dichloroethane	62	4.372	4.361	0.011	98	93002	20.0	19.1	
65 n-Heptane	57	4.418	4.418	0.000	86	34832	20.0	18.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	413512	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	87	32887	500.0	495.0	
69 Trichloroethene	95	4.921	4.909	0.012	94	75168	20.0	18.2	
72 Methylcyclohexane	83	5.035	5.035	0.000	84	118123	20.0	21.3	
71 Ethyl acrylate	99	5.035	5.035	0.000	95	14229	20.0	23.5	
73 1,2-Dichloropropane	63	5.207	5.195	0.012	85	63116	20.0	17.5	
74 Methyl methacrylate	100	5.287	5.275	0.012	81	56432	40.0	43.9	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	44	17494	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	84	19117	400.0	276.8	
77 n-Propyl acetate	43	5.344	5.344	0.000	97	96581	20.0	18.2	
75 Dibromomethane	93	5.344	5.344	0.000	70	46095	20.0	19.2	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	88337	20.0	17.8	
34 2-Nitropropane	41	5.847	5.846	0.001	96	49279	40.0	37.2	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	91	46848	20.0	18.9	
80 Epichlorohydrin	57	5.961	5.961	0.000	99	169014	400.0	434.0	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	94	118339	20.0	17.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	94	351989	100.0	108.1	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	522543	50.0	47.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.361	6.361	0.000	93	336471	20.0	17.6	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	106449	20.0	17.2	
86 Ethyl methacrylate	69	6.795	6.795	0.000	88	91441	20.0	19.2	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	93	55153	20.0	16.9	
88 Tetrachloroethene	166	7.047	7.047	0.000	94	96476	20.0	19.9	
89 1,3-Dichloropropane	76	7.230	7.229	0.001	92	115532	20.0	18.4	
91 2-Hexanone	43	7.298	7.298	0.000	93	237433	100.0	115.2	
92 n-Butyl acetate	43	7.447	7.447	0.000	98	103851	20.0	18.3	
90 Chlorodibromomethane	129	7.492	7.492	0.000	98	82772	20.0	18.8	
93 Ethylene Dibromide	107	7.652	7.652	0.000	98	73613	20.0	18.5	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	331640	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	230188	20.0	18.4	
97 Ethylbenzene	106	8.327	8.327	0.000	97	118966	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	94	80385	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	95	144030	20.0	18.6	
100 o-Xylene	106	8.898	8.898	0.000	95	142622	20.0	18.4	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	53657	20.0	17.9	
101 Styrene	104	8.933	8.933	0.000	98	226189	20.0	18.9	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	94	108239	20.0	17.5	
103 Bromoform	173	9.150	9.150	0.000	97	59710	20.0	20.8	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	361419	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	157067	50.0	52.9	
107 Bromobenzene	156	9.596	9.595	0.001	86	99394	20.0	19.1	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	97	96873	20.0	18.1	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	398787	20.0	18.6	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	95	33121	20.0	19.9	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	93	26911	20.0	18.7	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	358132	20.0	18.6	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	256718	20.0	18.1	
116 1,3,5-Trimethylbenzene	105	9.836	9.835	0.001	94	280262	20.0	18.5	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	233510	20.0	17.5	
117 Butyl Methacrylate	87	9.938	9.938	0.000	88	89624	20.0	18.3	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	253888	20.0	18.9	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	275943	20.0	18.4	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	347809	20.0	18.8	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	306747	20.0	19.0	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	179304	20.0	19.1	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	168641	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	179250	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	286855	20.0	18.1	
125 Benzyl chloride	91	10.636	10.636	0.000	100	200964	20.0	18.7	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	310970	20.0	18.9	
126 p-Diethylbenzene	119	10.739	10.738	0.000	96	162075	20.0	18.6	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	128159	20.0	18.0	
128 1,2-Dichlorobenzene	146	10.819	10.818	0.000	99	162380	20.0	17.9	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	218163	20.0	17.3	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	90	27231	20.0	20.7	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	104753	20.0	19.3	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	93	90437	20.0	18.7	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	92	28602	20.0	19.2	
134 Naphthalene	128	12.202	12.201	0.001	99	263869	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	96	86671	20.0	19.0	

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	35.4	
S 137 Xylenes, Total	100				0		40.0	36.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.6	
S 139 Total BTEX	1				0		100.0	90.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00155	Amount Added: 20.00	Units: uL		
524freon_00053	Amount Added: 20.00	Units: uL		
ACROLEIN W_00141	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 02-Jul-2022 19:17:50 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21623.D

Injection Date: 01-Jul-2022 19:25:30 Instrument ID: CVOAMS7

Lims ID: LCS

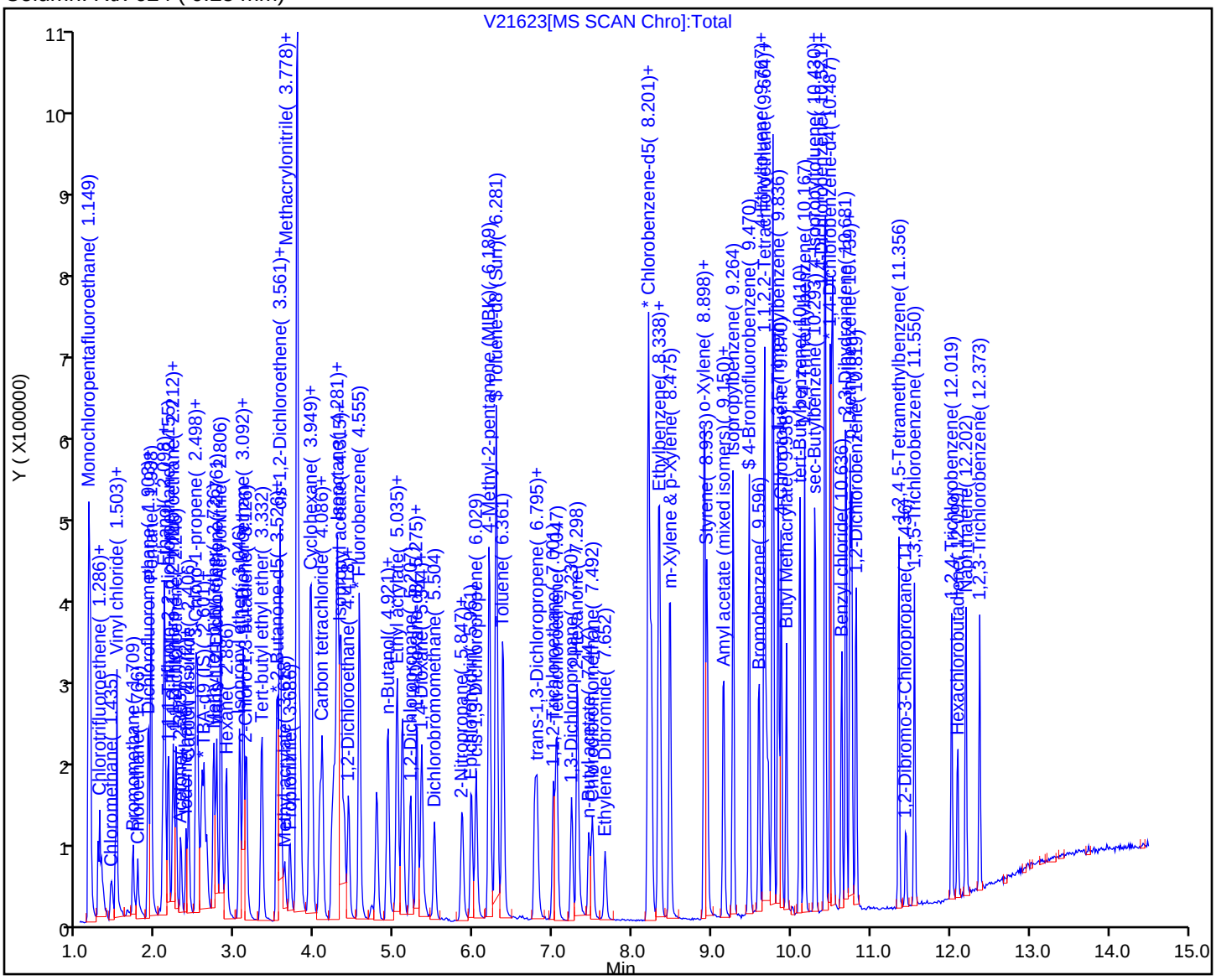
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21623.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Jul-2022 19:25:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0147350-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:45:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.3	100.65
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.8	97.63
$ 82 Toluene-d8 (Surr)	50.0	47.9	95.71
$ 105 4-Bromofluorobenzene	50.0	52.9	105.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-853294/3

Matrix: Water | Lab File ID: V21654.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.3		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.3		0.50	0.37
79-00-5	1,1,2-Trichloroethane	16.2		0.50	0.20
75-34-3	1,1-Dichloroethane	16.9		0.50	0.26
75-35-4	1,1-Dichloroethene	18.9		0.50	0.26
107-06-2	1,2-Dichloroethane	18.8		0.50	0.43
78-87-5	1,2-Dichloropropane	16.1		0.50	0.35
591-78-6	2-Hexanone	106		2.5	1.1
67-64-1	Acetone	96.5		5.0	4.4
71-43-2	Benzene	16.4		0.50	0.20
75-27-4	Bromodichloromethane	18.4		0.50	0.34
75-25-2	Bromoform	20.0		0.50	0.54
74-83-9	Bromomethane	13.2		0.50	0.55
75-15-0	Carbon disulfide	17.9		0.50	0.82
56-23-5	Carbon tetrachloride	20.8		0.50	0.21
108-90-7	Chlorobenzene	18.1		0.50	0.38
75-00-3	Chloroethane	16.9		0.50	0.32
67-66-3	Chloroform	18.1		0.50	0.33
74-87-3	Chloromethane	14.9		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	18.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	16.9		0.50	0.22
124-48-1	Dibromochloromethane	18.4		0.50	0.28
100-41-4	Ethylbenzene	19.2		0.50	0.30
78-93-3	Methyl Ethyl Ketone	105		2.5	1.9
108-10-1	methyl isobutyl ketone	100		2.5	1.3
1634-04-4	Methyl tert-butyl ether	18.1		0.50	0.22
75-09-2	Methylene Chloride	18.3		0.50	0.32
100-42-5	Styrene	19.4		0.50	0.42
127-18-4	Tetrachloroethene	19.3		0.50	0.25
108-88-3	Toluene	17.0		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	17.8		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	17.6		0.50	0.22
79-01-6	Trichloroethene	18.8		0.50	0.31
75-01-4	Vinyl chloride	17.0		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-853294/3

Matrix: Water | Lab File ID: V21654.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	37.5		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Report Date: 03-Jul-2022 11:05:06 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21654.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Jul-2022 07:45:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0147363-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:06 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 08:27:51

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.183	1.183	0.000	85	5436	20.0	17.7	
3	Chlorotrifluoroethene	116	1.263	1.263	0.000	84	19027	20.0	12.7	
4	1,1-Difluoroethane	65	1.275	1.275	0.000	92	23473	20.0	15.1	
5	Dichlorodifluoromethane	85	1.286	1.286	0.000	98	69235	20.0	20.2	
2	Chlorodifluoromethane	67	1.309	1.309	0.000	99	11279	20.0	18.3	
6	Chloromethane	50	1.423	1.423	0.000	98	53861	20.0	14.9	
7	Vinyl chloride	62	1.480	1.480	0.000	98	68197	20.0	17.0	
8	Butadiene	54	1.503	1.503	0.000	94	60193	20.0	17.0	
9	Bromomethane	94	1.698	1.698	0.000	98	36031	20.0	13.2	
10	Chloroethane	64	1.766	1.766	0.000	98	41384	20.0	16.9	
11	Dichlorofluoromethane	67	1.892	1.892	0.000	98	98697	20.0	17.4	
12	Trichlorofluoromethane	101	1.903	1.903	0.000	98	106839	20.0	21.4	
13	Pentane	72	1.926	1.938	-0.012	92	24193	40.0	38.3	
17	Ethanol	46	2.040	2.040	0.000	96	8008	800.0	698.0	
14	Ethyl ether	74	2.075	2.075	0.000	91	36535	20.0	18.0	
15	2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	95	53642	20.0	16.8	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	90	63412	20.0	19.1	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	96	85969	20.0	18.2	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	97	63378	20.0	20.1	
52	Acrolein	56	2.212	2.212	0.000	46	15393	40.0	30.5	
20	1,1-Dichloroethene	96	2.246	2.246	0.000	94	60216	20.0	18.9	
23	Acetone	43	2.303	2.303	0.000	86	80443	100.0	96.5	
21	Iodomethane	142	2.372	2.372	0.000	97	57179	20.0	10.9	
24	Isopropyl alcohol	45	2.372	2.372	0.000	60	26413	200.0	179.2	
22	Carbon disulfide	76	2.406	2.406	0.000	99	172356	20.0	17.9	
26	3-Chloro-1-propene	76	2.498	2.498	0.000	79	39723	20.0	16.2	
30	Methyl acetate	43	2.498	2.498	0.000	94	81352	40.0	30.2	
25	Cyclopentene	67	2.509	2.521	-0.012	93	151505	20.0	17.8	
27	Acetonitrile	41	2.543	2.543	0.000	96	53383	200.0	174.7	a
* 28	TBA-d9 (IS)	66	2.566	2.566	0.000	100	22393	1000.0	1000.0	
29	Methylene Chloride	84	2.601	2.601	0.000	81	62011	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	64237	200.0	203.9	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	95	190503	20.0	18.1	
33 trans-1,2-Dichloroethene	96	2.761	2.761	0.000	88	69485	20.0	17.8	
35 Acrylonitrile	53	2.806	2.806	0.000	94	219115	200.0	167.1	
36 Hexane	57	2.875	2.886	-0.011	89	69711	20.0	18.7	
37 Isopropyl ether	45	3.046	3.046	0.000	89	143147	20.0	14.3	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	69	102979	20.0	16.9	
40 Vinyl acetate	86	3.092	3.092	0.000	98	34715	40.0	52.6	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	91	65136	20.0	18.7	
41 Tert-butyl ethyl ether	59	3.321	3.321	0.000	92	173508	20.0	17.0	
* 42 2-Butanone-d5	46	3.503	3.515	-0.012	98	129848	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	26978	20.0	19.3	
45 cis-1,2-Dichloroethene	96	3.549	3.561	-0.012	55	77985	20.0	18.0	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	97	41164	100.0	104.6	
47 Ethyl acetate	70	3.561	3.561	0.000	92	14199	40.0	41.3	
46 Methyl acrylate	55	3.618	3.618	0.000	99	48742	20.0	16.2	
48 Propionitrile	54	3.675	3.675	0.000	97	85428	200.0	177.3	
50 Tetrahydrofuran	72	3.766	3.766	0.000	65	18978	40.0	32.7	
49 Chlorobromomethane	128	3.766	3.766	0.000	73	39154	20.0	17.9	
54 Methacrylonitrile	67	3.766	3.778	-0.012	88	296390	200.0	176.9	
51 Chloroform	83	3.812	3.812	0.000	99	109057	20.0	18.1	
53 Cyclohexane	84	3.938	3.938	0.000	83	99396	20.0	19.3	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	98	106454	20.0	19.3	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	106229	50.0	50.2	
57 Carbon tetrachloride	117	4.052	4.064	-0.012	97	94200	20.0	20.8	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	94	87020	20.0	17.9	
61 Isobutyl alcohol	43	4.212	4.212	0.000	96	75594	500.0	427.8	
64 Isooctane	57	4.235	4.235	0.000	99	150184	20.0	18.8	
59 Benzene	78	4.269	4.281	-0.012	95	253270	20.0	16.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	95	100042	50.0	47.1	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	66848	20.0	18.4	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	91	207225	20.0	18.7	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	97	82606	20.0	18.8	
65 n-Heptane	57	4.418	4.418	0.000	81	32379	20.0	19.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	374149	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	89	23272	500.0	418.4	
69 Trichloroethene	95	4.909	4.921	-0.012	94	70358	20.0	18.8	
72 Methylcyclohexane	83	5.035	5.035	0.000	84	105497	20.0	21.0	
71 Ethyl acrylate	99	5.035	5.035	0.000	94	13153	20.0	24.0	
73 1,2-Dichloropropane	63	5.195	5.195	0.000	84	52466	20.0	16.1	
74 Methyl methacrylate	100	5.275	5.275	0.000	78	45391	40.0	39.1	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	44	17337	1000.0	1000.0	
78 1,4-Dioxane	88	5.321	5.332	-0.011	39	14722	400.0	215.1	
77 n-Propyl acetate	43	5.344	5.344	0.000	95	72506	20.0	15.1	
75 Dibromomethane	93	5.344	5.344	0.000	81	41431	20.0	19.1	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	82402	20.0	18.4	
34 2-Nitropropane	41	5.835	5.847	-0.012	98	42850	40.0	35.7	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	84	38890	20.0	17.4	
80 Epichlorohydrin	57	5.961	5.961	0.000	98	131894	400.0	431.8	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	105645	20.0	16.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	92	255673	100.0	100.1	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	476665	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.361	6.361	0.000	93	297573	20.0	17.0	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	95	99775	20.0	17.6	
86 Ethyl methacrylate	69	6.795	6.795	0.000	86	72264	20.0	16.5	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	92	48524	20.0	16.2	
88 Tetrachloroethene	166	7.047	7.047	0.000	95	85867	20.0	19.3	
89 1,3-Dichloropropane	76	7.230	7.230	0.000	91	99137	20.0	17.2	
91 2-Hexanone	43	7.298	7.298	0.000	92	170847	100.0	105.7	
92 n-Butyl acetate	43	7.447	7.447	0.000	98	75312	20.0	14.5	
90 Chlorodibromomethane	129	7.492	7.492	0.000	97	74313	20.0	18.4	
93 Ethylene Dibromide	107	7.652	7.652	0.000	99	69455	20.0	19.0	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	304310	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	208029	20.0	18.1	
97 Ethylbenzene	106	8.327	8.327	0.000	97	111982	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	95	71555	20.0	19.1	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	133105	20.0	18.7	
100 o-Xylene	106	8.898	8.898	0.000	96	133865	20.0	18.8	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	45964	20.0	16.7	
101 Styrene	104	8.933	8.933	0.000	97	213275	20.0	19.4	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	93	86427	20.0	15.0	
103 Bromoform	173	9.150	9.150	0.000	97	52769	20.0	20.0	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	324698	20.0	18.4	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	143762	50.0	52.8	
107 Bromobenzene	156	9.596	9.596	0.000	86	88918	20.0	18.3	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	97	81378	20.0	16.3	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	355798	20.0	17.8	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	93	28870	20.0	18.6	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	93	22474	20.0	16.7	
113 4-Ethyltoluene	105	9.767	9.767	0.000	97	326403	20.0	18.2	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	232707	20.0	17.6	
116 1,3,5-Trimethylbenzene	105	9.836	9.836	0.000	96	259695	20.0	18.4	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	220409	20.0	17.7	
117 Butyl Methacrylate	87	9.938	9.938	0.000	88	78192	20.0	17.1	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	232958	20.0	18.6	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	256046	20.0	18.3	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	327043	20.0	18.9	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	282919	20.0	18.8	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	98	163486	20.0	18.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	157211	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	95	167613	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	261856	20.0	17.7	
125 Benzyl chloride	91	10.636	10.636	0.000	100	182039	20.0	18.2	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	94	285337	20.0	18.6	
126 p-Diethylbenzene	119	10.738	10.739	0.000	97	145115	20.0	17.9	
127 n-Butylbenzene	92	10.761	10.761	0.000	96	114742	20.0	17.3	
128 1,2-Dichlorobenzene	146	10.818	10.819	0.000	99	152945	20.0	18.1	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	199700	20.0	16.9	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	22314	20.0	18.2	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	98	96355	20.0	19.0	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	93	84013	20.0	18.7	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	93	30470	20.0	22.0	
134 Naphthalene	128	12.201	12.202	-0.001	99	243330	20.0	18.2	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	96	79981	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.8	
S 137 Xylenes, Total	100				0		40.0	37.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.5	
S 139 Total BTEX	1				0		100.0	90.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00156	Amount Added: 20.00	Units: uL		
524freon_00054	Amount Added: 20.00	Units: uL		
ACROLEIN W_00141	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00228	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 03-Jul-2022 11:05:06 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21654.D

Injection Date: 02-Jul-2022 07:45:30 Instrument ID: CVOAMS7

Lims ID: LCS

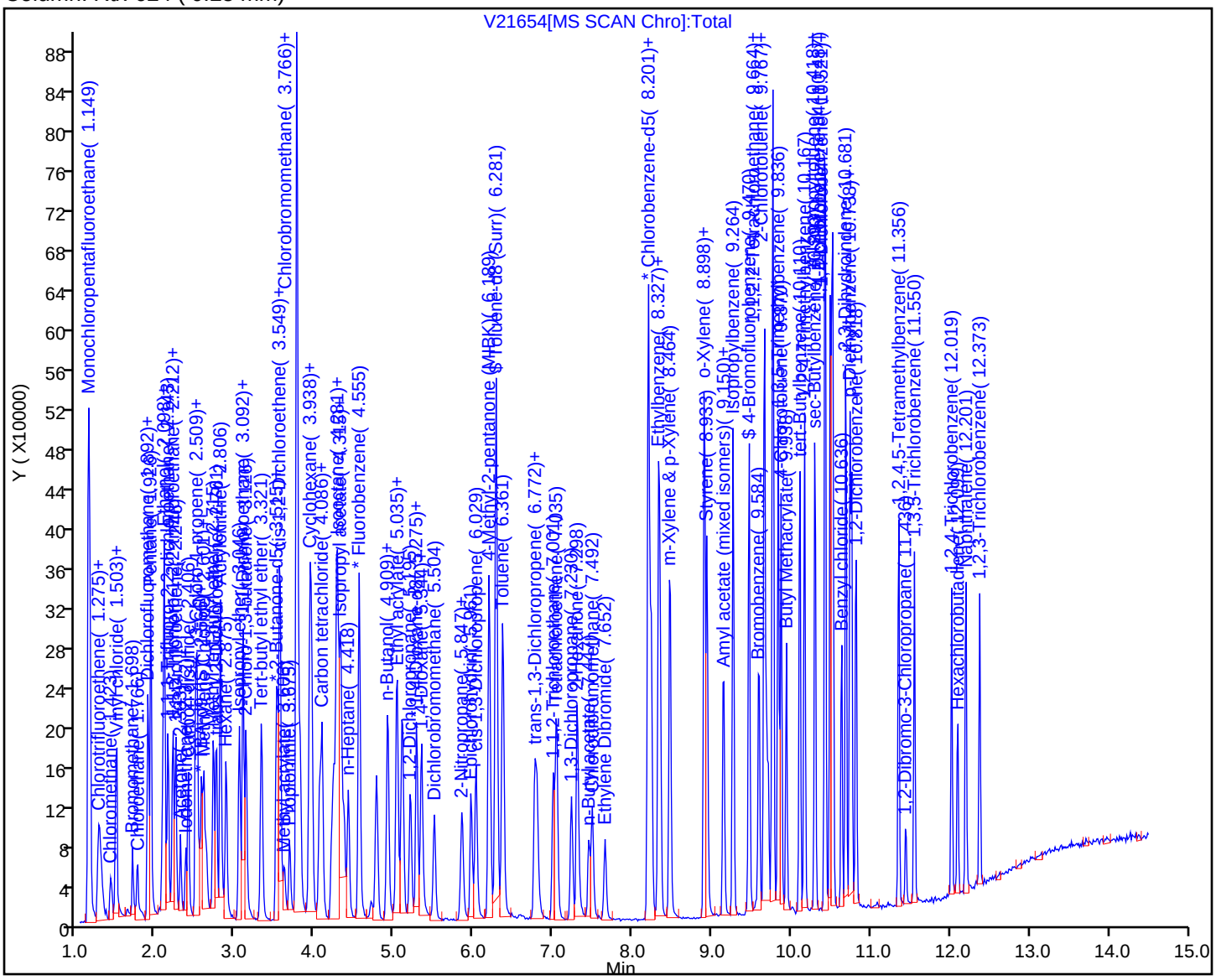
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21654.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Jul-2022 07:45:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0147363-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:06 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 08:27:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.2	100.36
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.1	94.13
$ 82 Toluene-d8 (Surr)	50.0	47.6	95.15
$ 105 4-Bromofluorobenzene	50.0	52.8	105.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-853230/4

Matrix: Water | Lab File ID: V21624.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 19:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.0		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.7		0.50	0.37
79-00-5	1,1,2-Trichloroethane	17.4		0.50	0.20
75-34-3	1,1-Dichloroethane	18.2		0.50	0.26
75-35-4	1,1-Dichloroethene	19.8		0.50	0.26
107-06-2	1,2-Dichloroethane	19.5		0.50	0.43
78-87-5	1,2-Dichloropropane	17.4		0.50	0.35
591-78-6	2-Hexanone	108		2.5	1.1
67-64-1	Acetone	95.8		5.0	4.4
71-43-2	Benzene	17.9		0.50	0.20
75-27-4	Bromodichloromethane	19.0		0.50	0.34
75-25-2	Bromoform	21.1		0.50	0.54
74-83-9	Bromomethane	17.8		0.50	0.55
75-15-0	Carbon disulfide	18.2		0.50	0.82
56-23-5	Carbon tetrachloride	20.7		0.50	0.21
108-90-7	Chlorobenzene	18.0		0.50	0.38
75-00-3	Chloroethane	17.3		0.50	0.32
67-66-3	Chloroform	19.2		0.50	0.33
74-87-3	Chloromethane	17.0		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	18.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.9		0.50	0.22
124-48-1	Dibromochloromethane	18.7		0.50	0.28
100-41-4	Ethylbenzene	19.4		0.50	0.30
78-93-3	Methyl Ethyl Ketone	101		2.5	1.9
108-10-1	methyl isobutyl ketone	101		2.5	1.3
1634-04-4	Methyl tert-butyl ether	18.2		0.50	0.22
75-09-2	Methylene Chloride	19.0		0.50	0.32
100-42-5	Styrene	19.5		0.50	0.42
127-18-4	Tetrachloroethene	20.0		0.50	0.25
108-88-3	Toluene	17.6		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	17.9		0.50	0.22
79-01-6	Trichloroethene	19.0		0.50	0.31
75-01-4	Vinyl chloride	17.7		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-853230/4

Matrix: Water | Lab File ID: V21624.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 19:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	38.5		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21624.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 01-Jul-2022 19:46:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0147350-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:45:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	71	3537	20.0	10.3	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	87	23638	20.0	14.1	
4 1,1-Difluoroethane	65	1.275	1.275	-0.001	92	27472	20.0	15.8	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	98	74864	20.0	19.5	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	100	13373	20.0	19.4	
6 Chloromethane	50	1.423	1.435	-0.012	98	68652	20.0	17.0	
7 Vinyl chloride	62	1.480	1.480	0.000	98	79444	20.0	17.7	
8 Butadiene	54	1.503	1.503	0.000	96	71619	20.0	18.1	
9 Bromomethane	94	1.697	1.698	-0.001	97	54281	20.0	17.8	
10 Chloroethane	64	1.766	1.766	0.000	100	47375	20.0	17.3	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	111492	20.0	17.6	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	98	121335	20.0	21.8	
13 Pentane	72	1.926	1.926	0.000	94	30770	40.0	43.6	
17 Ethanol	46	2.040	2.040	0.000	95	10786	800.0	715.3	
14 Ethyl ether	74	2.075	2.075	0.000	95	43290	20.0	19.1	
15 2-Methyl-1,3-butadiene	53	2.097	2.098	-0.001	93	63763	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	89	68714	20.0	18.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	103011	20.0	19.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	97	79504	20.0	22.6	
52 Acrolein	56	2.212	2.212	0.000	48	21574	40.0	38.3	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	94	70300	20.0	19.8	
23 Acetone	43	2.303	2.303	0.000	86	107076	100.0	95.8	
21 Iodomethane	142	2.372	2.372	0.000	96	103118	20.0	17.6	
24 Isopropyl alcohol	45	2.372	2.372	0.000	48	34933	200.0	180.3	
22 Carbon disulfide	76	2.406	2.406	0.000	99	194870	20.0	18.2	
26 3-Chloro-1-propene	76	2.497	2.498	-0.001	82	50067	20.0	18.2	
30 Methyl acetate	43	2.497	2.498	-0.001	96	114264	40.0	38.0	
25 Cyclopentene	67	2.520	2.520	0.000	94	184271	20.0	19.4	
27 Acetonitrile	41	2.543	2.543	0.000	94	62440	200.0	152.3	a
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	29436	1000.0	1000.0	
29 Methylene Chloride	84	2.600	2.600	0.000	83	72089	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	99	87189	200.0	210.6	
32 Methyl tert-butyl ether	73	2.715	2.715	0.000	96	215162	20.0	18.2	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	88	81235	20.0	18.6	
35 Acrylonitrile	53	2.806	2.806	0.000	93	286522	200.0	195.5	
36 Hexane	57	2.875	2.875	0.000	90	84731	20.0	20.3	
37 Isopropyl ether	45	3.046	3.046	0.000	94	182535	20.0	16.3	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	73	123603	20.0	18.2	
40 Vinyl acetate	86	3.092	3.092	0.000	99	33462	40.0	37.8	
39 2-Chloro-1,3-butadiene	88	3.126	3.126	0.000	90	75934	20.0	19.5	
41 Tert-butyl ethyl ether	59	3.320	3.321	-0.001	91	209894	20.0	18.4	
* 42 2-Butanone-d5	46	3.503	3.503	0.000	98	174187	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	28859	20.0	18.5	
45 cis-1,2-Dichloroethene	96	3.560	3.561	-0.001	95	87311	20.0	18.0	
44 2-Butanone (MEK)	72	3.560	3.561	-0.001	97	53383	100.0	101.2	
47 Ethyl acetate	70	3.560	3.561	-0.001	92	18536	40.0	40.2	
46 Methyl acrylate	55	3.618	3.618	0.000	98	60928	20.0	18.1	
48 Propionitrile	54	3.675	3.675	0.000	97	109954	200.0	204.2	
50 Tetrahydrofuran	72	3.766	3.766	0.000	77	23483	40.0	36.3	
49 Chlorobromomethane	128	3.766	3.766	0.000	76	43891	20.0	17.9	
54 Methacrylonitrile	67	3.778	3.766	0.012	89	360192	200.0	192.3	
51 Chloroform	83	3.812	3.812	0.000	97	129153	20.0	19.2	
53 Cyclohexane	84	3.938	3.938	0.000	85	116335	20.0	20.2	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	98	123411	20.0	20.0	
$ 56 Dibromofluoromethane (Surr)	113	3.960	3.961	-0.001	97	118671	50.0	50.2	
57 Carbon tetrachloride	117	4.063	4.063	0.000	96	104539	20.0	20.7	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	95	101680	20.0	18.7	
61 Isobutyl alcohol	43	4.212	4.212	0.000	95	104176	500.0	448.2	
64 Isooctane	57	4.235	4.235	0.000	99	178812	20.0	20.0	
59 Benzene	78	4.281	4.269	0.011	95	309397	20.0	17.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	114070	50.0	48.0	
66 Isopropyl acetate	87	4.326	4.326	0.000	96	80001	20.0	19.7	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	91	228142	20.0	18.4	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	96	96088	20.0	19.5	
65 n-Heptane	57	4.418	4.418	0.000	86	37179	20.0	19.7	
* 67 Fluorobenzene	96	4.555	4.555	0.000	100	418094	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	83	35463	500.0	485.1	
69 Trichloroethene	95	4.909	4.909	0.000	92	79454	20.0	19.0	
72 Methylcyclohexane	83	5.035	5.035	0.000	84	118810	20.0	21.2	
71 Ethyl acrylate	99	5.023	5.035	-0.012	94	15505	20.0	25.3	
73 1,2-Dichloropropane	63	5.206	5.195	0.011	87	63257	20.0	17.4	
74 Methyl methacrylate	100	5.275	5.275	0.000	82	56740	40.0	43.7	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	45	18458	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	18759	400.0	257.4	
77 n-Propyl acetate	43	5.332	5.344	-0.012	97	103482	20.0	19.2	
75 Dibromomethane	93	5.343	5.344	-0.001	69	45573	20.0	18.8	
76 Dichlorobromomethane	83	5.503	5.504	-0.001	99	94935	20.0	19.0	
34 2-Nitropropane	41	5.846	5.846	0.000	98	54233	40.0	40.4	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	91	47637	20.0	19.0	
80 Epichlorohydrin	57	5.961	5.961	0.000	98	174022	400.0	424.7	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	90	124977	20.0	17.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	94	346249	100.0	101.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	521159	50.0	46.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.361	6.361	0.000	93	344662	20.0	17.6	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	113704	20.0	17.9	
86 Ethyl methacrylate	69	6.795	6.795	0.000	88	88730	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	95	58048	20.0	17.4	
88 Tetrachloroethene	166	7.047	7.047	-0.001	96	99538	20.0	20.0	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	91	113157	20.0	17.6	
91 2-Hexanone	43	7.298	7.298	0.000	93	234244	100.0	108.0	
92 n-Butyl acetate	43	7.447	7.447	0.000	98	108144	20.0	18.5	
90 Chlorodibromomethane	129	7.492	7.492	0.000	97	84845	20.0	18.7	
93 Ethylene Dibromide	107	7.652	7.652	0.000	100	76872	20.0	18.8	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	340493	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	231047	20.0	18.0	
97 Ethylbenzene	106	8.327	8.327	0.000	97	126612	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.349	8.350	-0.001	94	82880	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	153103	20.0	19.2	
100 o-Xylene	106	8.898	8.898	0.000	96	153379	20.0	19.3	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	54959	20.0	17.9	
101 Styrene	104	8.932	8.933	-0.001	97	239811	20.0	19.5	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	93	108411	20.0	17.0	
103 Bromoform	173	9.150	9.150	0.000	98	62099	20.0	21.1	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	371909	20.0	18.9	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	156414	50.0	51.4	
107 Bromobenzene	156	9.595	9.595	0.000	89	98031	20.0	18.3	
108 1,1,2,2-Tetrachloroethane	83	9.652	9.653	-0.001	97	97296	20.0	17.7	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	413226	20.0	18.7	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	95	32278	20.0	18.8	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	91	27396	20.0	18.5	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	370804	20.0	18.7	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	266868	20.0	18.2	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	95	289974	20.0	18.5	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	245449	20.0	17.9	
117 Butyl Methacrylate	87	9.938	9.938	0.000	90	85889	20.0	17.0	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	262222	20.0	18.9	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	96	291108	20.0	18.8	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	363075	20.0	19.0	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	99	316809	20.0	19.0	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	180828	20.0	18.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	173739	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	181292	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	292499	20.0	17.9	
125 Benzyl chloride	91	10.635	10.636	-0.001	100	197067	20.0	17.8	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	313268	20.0	18.5	
126 p-Diethylbenzene	119	10.738	10.738	0.000	97	170165	20.0	19.0	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	130181	20.0	17.7	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	99	169117	20.0	18.1	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	228881	20.0	17.6	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	92	27222	20.0	20.1	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	98	105176	20.0	18.8	
131 1,2,4-Trichlorobenzene	180	12.018	12.019	-0.001	91	95296	20.0	19.2	
133 Hexachlorobutadiene	225	12.098	12.099	-0.001	94	31122	20.0	20.3	
134 Naphthalene	128	12.201	12.201	0.000	99	275817	20.0	18.7	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	97	90872	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 137 Xylenes, Total	100				0		40.0	38.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	35.8	
S 139 Total BTEX	1				0		100.0	93.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00155	Amount Added:	20.00	Units: uL	
524freon_00053	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 19:18:15 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21624.D

Injection Date: 01-Jul-2022 19:46:30 Instrument ID: CVOAMS7

Lims ID: LCSD

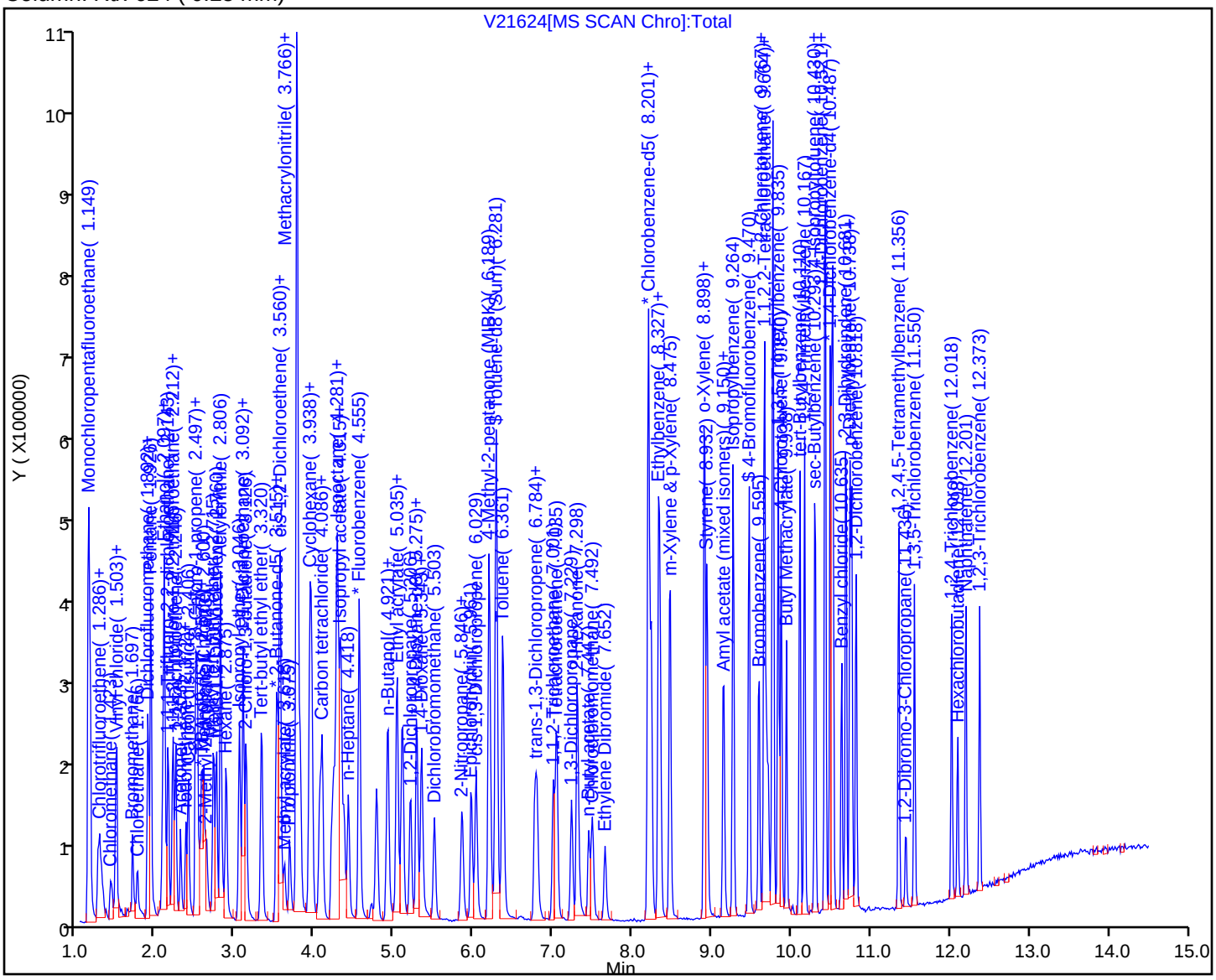
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21624.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 01-Jul-2022 19:46:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0147350-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 08:25:36 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: HVW2 Date: 02-Jul-2022 02:45:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.2	100.33
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.0	96.04
$ 82 Toluene-d8 (Surr)	50.0	46.5	92.98
$ 105 4-Bromofluorobenzene	50.0	51.4	102.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-853294/4

Matrix: Water | Lab File ID: V21655.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 08:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.0		0.50	0.37
79-00-5	1,1,2-Trichloroethane	16.2		0.50	0.20
75-34-3	1,1-Dichloroethane	15.9		0.50	0.26
75-35-4	1,1-Dichloroethene	17.5		0.50	0.26
107-06-2	1,2-Dichloroethane	17.2		0.50	0.43
78-87-5	1,2-Dichloropropane	16.0		0.50	0.35
591-78-6	2-Hexanone	102		2.5	1.1
67-64-1	Acetone	93.2		5.0	4.4
71-43-2	Benzene	15.5		0.50	0.20
75-27-4	Bromodichloromethane	17.6		0.50	0.34
75-25-2	Bromoform	19.0		0.50	0.54
74-83-9	Bromomethane	11.9		0.50	0.55
75-15-0	Carbon disulfide	16.6		0.50	0.82
56-23-5	Carbon tetrachloride	18.8		0.50	0.21
108-90-7	Chlorobenzene	17.2		0.50	0.38
75-00-3	Chloroethane	16.3		0.50	0.32
67-66-3	Chloroform	17.1		0.50	0.33
74-87-3	Chloromethane	14.1		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	16.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	16.1		0.50	0.22
124-48-1	Dibromochloromethane	17.5		0.50	0.28
100-41-4	Ethylbenzene	18.1		0.50	0.30
78-93-3	Methyl Ethyl Ketone	101		2.5	1.9
108-10-1	methyl isobutyl ketone	93.8		2.5	1.3
1634-04-4	Methyl tert-butyl ether	17.1		0.50	0.22
75-09-2	Methylene Chloride	17.0		0.50	0.32
100-42-5	Styrene	18.1		0.50	0.42
127-18-4	Tetrachloroethene	18.1		0.50	0.25
108-88-3	Toluene	15.9		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	17.0		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	16.7		0.50	0.22
79-01-6	Trichloroethene	17.3		0.50	0.31
75-01-4	Vinyl chloride	15.4		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-853294/4

Matrix: Water | Lab File ID: V21655.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 08:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	35.2		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21655.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Jul-2022 08:07:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0147363-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 08:27:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	79	5221	20.0	16.3	
3 Chlorotrifluoroethene	116	1.252	1.263	-0.011	90	18327	20.0	11.8	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	89	25250	20.0	15.6	
5 Dichlorodifluoromethane	85	1.275	1.286	-0.011	97	66704	20.0	18.7	
2 Chlorodifluoromethane	67	1.298	1.309	-0.011	100	11856	20.0	18.5	
6 Chloromethane	50	1.423	1.423	0.000	98	53413	20.0	14.1	
7 Vinyl chloride	62	1.480	1.480	0.000	98	64657	20.0	15.4	
8 Butadiene	54	1.492	1.503	-0.011	97	56683	20.0	15.4	
9 Bromomethane	94	1.698	1.698	0.000	97	33897	20.0	11.9	
10 Chloroethane	64	1.755	1.766	-0.011	100	41573	20.0	16.3	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	98565	20.0	16.7	
12 Trichlorofluoromethane	101	1.892	1.903	-0.011	97	105462	20.0	20.3	
13 Pentane	72	1.926	1.938	-0.012	96	22787	40.0	34.6	
17 Ethanol	46	2.029	2.040	-0.011	93	7802	800.0	655.7	
14 Ethyl ether	74	2.075	2.075	0.000	91	35611	20.0	16.9	
15 2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	94	50756	20.0	15.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	90	62734	20.0	18.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.155	-0.012	96	85222	20.0	17.3	a
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.201	2.212	-0.011	96	66537	20.0	20.3	
52 Acrolein	56	2.212	2.212	0.000	98	18637	40.0	35.5	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	94	58022	20.0	17.5	
23 Acetone	43	2.303	2.303	0.000	86	81872	100.0	93.2	
21 Iodomethane	142	2.372	2.372	0.000	96	56328	20.0	10.3	
24 Isopropyl alcohol	45	2.372	2.372	0.000	56	26896	200.0	176.0	
22 Carbon disulfide	76	2.406	2.406	0.000	99	165594	20.0	16.6	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	81	40720	20.0	15.9	
30 Methyl acetate	43	2.498	2.498	0.000	93	80051	40.0	28.6	
25 Cyclopentene	67	2.509	2.521	-0.012	93	145283	20.0	16.4	
27 Acetonitrile	41	2.543	2.543	0.000	96	64519	200.0	200.4	a
* 28 TBA-d9 (IS)	66	2.566	2.566	0.000	100	23218	1000.0	1000.0	
29 Methylene Chloride	84	2.601	2.601	0.000	82	60228	20.0	17.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	64127	200.0	196.2	
32 Methyl tert-butyl ether	73	2.715	2.726	-0.011	95	188263	20.0	17.1	
33 trans-1,2-Dichloroethene	96	2.761	2.761	0.000	88	68838	20.0	17.0	
35 Acrylonitrile	53	2.806	2.806	0.000	93	219224	200.0	160.5	
36 Hexane	57	2.875	2.886	-0.011	88	67595	20.0	17.4	
37 Isopropyl ether	45	3.046	3.046	0.000	90	140849	20.0	13.5	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	70	101052	20.0	15.9	
40 Vinyl acetate	86	3.092	3.092	0.000	98	31062	40.0	44.7	
39 2-Chloro-1,3-butadiene	88	3.126	3.138	-0.012	90	60337	20.0	16.6	
41 Tert-butyl ethyl ether	59	3.321	3.321	0.000	91	177470	20.0	16.7	
* 42 2-Butanone-d5	46	3.504	3.515	-0.011	98	136823	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	96	24406	20.0	16.8	
45 cis-1,2-Dichloroethene	96	3.549	3.561	-0.012	56	72410	20.0	16.0	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	97	41695	100.0	100.6	
47 Ethyl acetate	70	3.561	3.561	0.000	92	14602	40.0	40.3	
46 Methyl acrylate	55	3.618	3.618	0.000	98	46983	20.0	15.0	
48 Propionitrile	54	3.675	3.675	0.000	98	83599	200.0	166.6	
50 Tetrahydrofuran	72	3.766	3.766	0.000	65	19835	40.0	32.9	
49 Chlorobromomethane	128	3.766	3.766	0.000	72	38724	20.0	17.0	
54 Methacrylonitrile	67	3.766	3.778	-0.012	87	285663	200.0	163.7	
51 Chloroform	83	3.812	3.812	0.000	99	107702	20.0	17.1	
53 Cyclohexane	84	3.926	3.938	-0.012	83	97650	20.0	18.2	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	97	101959	20.0	17.8	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	110930	50.0	50.3	
57 Carbon tetrachloride	117	4.052	4.064	-0.012	98	88295	20.0	18.8	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	95	85634	20.0	16.9	
61 Isobutyl alcohol	43	4.212	4.212	0.000	94	74948	500.0	409.3	
64 Isooctane	57	4.235	4.235	0.000	99	146949	20.0	17.7	
59 Benzene	78	4.269	4.281	-0.012	96	248737	20.0	15.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	97	104882	50.0	47.4	
66 Isopropyl acetate	87	4.326	4.326	0.000	95	65879	20.0	17.4	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	93	191730	20.0	16.6	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	98	79119	20.0	17.2	
65 n-Heptane	57	4.418	4.418	0.000	79	28905	20.0	16.4	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	389694	50.0	50.0	
70 n-Butanol	56	4.898	4.898	0.000	89	22863	500.0	396.5	
69 Trichloroethene	95	4.909	4.921	-0.012	92	67686	20.0	17.3	
72 Methylcyclohexane	83	5.024	5.035	-0.011	85	101146	20.0	19.4	
71 Ethyl acrylate	99	5.035	5.035	0.000	94	11763	20.0	20.6	
73 1,2-Dichloropropane	63	5.195	5.195	0.000	86	54374	20.0	16.0	
74 Methyl methacrylate	100	5.275	5.275	0.000	78	49871	40.0	41.2	
* 68 1,4-Dioxane-d8	96	5.275	5.275	0.000	46	18130	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	14694	400.0	205.3	
77 n-Propyl acetate	43	5.332	5.344	-0.012	96	75808	20.0	15.1	
75 Dibromomethane	93	5.344	5.344	0.000	83	38206	20.0	16.9	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	82072	20.0	17.6	
34 2-Nitropropane	41	5.835	5.847	-0.012	97	42409	40.0	33.9	
79 2-Chloroethyl vinyl ether	63	5.858	5.858	0.000	85	38547	20.0	16.5	
80 Epichlorohydrin	57	5.961	5.961	0.000	98	131014	400.0	407.0	
81 cis-1,3-Dichloropropene	75	6.030	6.029	0.001	91	104550	20.0	16.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.190	6.189	0.001	92	252671	100.0	93.8	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	99	482371	50.0	46.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.361	6.361	0.000	94	289190	20.0	15.9	
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	96	98495	20.0	16.7	
86 Ethyl methacrylate	69	6.795	6.795	0.000	85	73846	20.0	16.3	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	93	50230	20.0	16.2	
88 Tetrachloroethene	166	7.047	7.047	0.000	96	83781	20.0	18.1	
89 1,3-Dichloropropane	76	7.230	7.230	0.000	90	96944	20.0	16.2	
91 2-Hexanone	43	7.298	7.298	0.000	92	173143	100.0	101.6	
92 n-Butyl acetate	43	7.447	7.447	0.000	96	79152	20.0	14.7	
90 Chlorodibromomethane	129	7.493	7.492	0.000	96	73853	20.0	17.5	
93 Ethylene Dibromide	107	7.653	7.652	0.001	100	67889	20.0	17.9	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	316492	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	206020	20.0	17.2	
97 Ethylbenzene	106	8.327	8.327	0.000	97	109896	20.0	18.1	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	95	69522	20.0	17.8	
98 m-Xylene & p-Xylene	106	8.464	8.475	-0.011	94	131536	20.0	17.8	
100 o-Xylene	106	8.898	8.898	0.000	96	129214	20.0	17.5	
99 n-Butyl acrylate	73	8.910	8.910	0.000	98	45074	20.0	15.8	
101 Styrene	104	8.933	8.933	0.000	98	207039	20.0	18.1	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	92	85576	20.0	14.8	
103 Bromoform	173	9.150	9.150	0.000	96	52168	20.0	19.0	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	320710	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	142806	50.0	50.4	
107 Bromobenzene	156	9.596	9.596	0.000	86	86878	20.0	17.8	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	95	80088	20.0	16.0	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	350144	20.0	17.5	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	95	27794	20.0	17.8	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	93	21021	20.0	15.6	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	319278	20.0	17.7	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	226504	20.0	17.0	
116 1,3,5-Trimethylbenzene	105	9.836	9.836	0.000	96	255895	20.0	18.0	
110 4-Chlorotoluene	91	9.870	9.870	0.000	95	216077	20.0	17.3	
117 Butyl Methacrylate	87	9.938	9.938	0.000	86	80906	20.0	17.6	
118 tert-Butylbenzene	119	10.110	10.110	0.000	96	228924	20.0	18.2	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	95	252374	20.0	18.0	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	320280	20.0	18.5	
121 4-Isopropyltoluene	119	10.419	10.418	0.001	99	279953	20.0	18.5	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	160101	20.0	18.2	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	157890	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	162458	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	265006	20.0	17.9	
125 Benzyl chloride	91	10.636	10.636	0.000	100	175992	20.0	17.5	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	278631	20.0	18.1	
126 p-Diethylbenzene	119	10.739	10.739	0.001	97	147106	20.0	18.0	
127 n-Butylbenzene	92	10.761	10.761	0.000	97	112566	20.0	16.9	
128 1,2-Dichlorobenzene	146	10.819	10.819	0.001	98	152324	20.0	18.0	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	196870	20.0	16.6	
129 1,2-Dibromo-3-Chloropropane	157	11.436	11.447	-0.011	92	22507	20.0	18.3	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	93421	20.0	18.4	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	94	83006	20.0	18.4	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	93	28440	20.0	20.4	
134 Naphthalene	128	12.202	12.202	0.000	99	239984	20.0	17.9	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	96	78199	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.0	
S 137 Xylenes, Total	100				0		40.0	35.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	32.8	
S 139 Total BTEX	1				0		100.0	84.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00156	Amount Added:	20.00	Units: uL	
524freon_00054	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Jul-2022 11:05:39 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21655.D

Injection Date: 02-Jul-2022 08:07:30 Instrument ID: CVOAMS7

Lims ID: LCSD

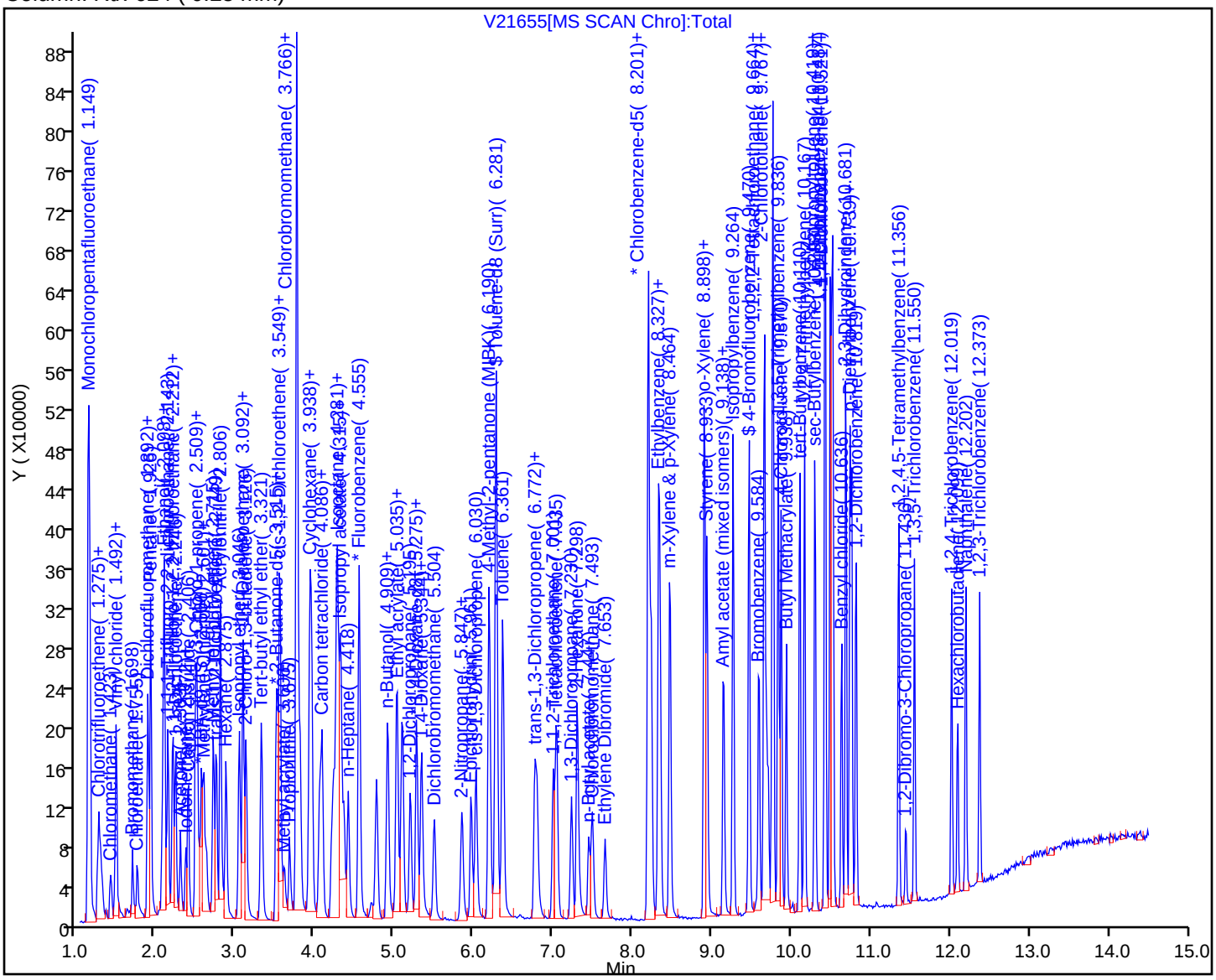
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\V21655.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Jul-2022 08:07:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0147363-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220702-147363.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Jul-2022 11:05:38 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: RD6L Date: 02-Jul-2022 08:27:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.3	100.62
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.74
$ 82 Toluene-d8 (Surr)	50.0	46.3	92.58
$ 105 4-Bromofluorobenzene	50.0	50.4	100.88

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 MS | Lab Sample ID: 460-261101-11 MS

Matrix: Water | Lab File ID: V21649.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.7		0.50	0.37
79-00-5	1,1,2-Trichloroethane	18.7		0.50	0.20
75-34-3	1,1-Dichloroethane	18.4		0.50	0.26
75-35-4	1,1-Dichloroethene	20.8		0.50	0.26
107-06-2	1,2-Dichloroethane	19.9		0.50	0.43
78-87-5	1,2-Dichloropropane	17.9		0.50	0.35
591-78-6	2-Hexanone	129		2.5	1.1
67-64-1	Acetone	112		5.0	4.4
71-43-2	Benzene	18.0		0.50	0.20
75-27-4	Bromodichloromethane	20.0		0.50	0.34
75-25-2	Bromoform	22.0		0.50	0.54
74-83-9	Bromomethane	14.1		0.50	0.55
75-15-0	Carbon disulfide	18.9		0.50	0.82
56-23-5	Carbon tetrachloride	22.8		0.50	0.21
108-90-7	Chlorobenzene	19.2		0.50	0.38
75-00-3	Chloroethane	19.4		0.50	0.32
67-66-3	Chloroform	19.7		0.50	0.33
74-87-3	Chloromethane	16.7		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	83.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	17.0		0.50	0.22
124-48-1	Dibromochloromethane	19.9		0.50	0.28
100-41-4	Ethylbenzene	19.7		0.50	0.30
78-93-3	Methyl Ethyl Ketone	131		2.5	1.9
108-10-1	methyl isobutyl ketone	120		2.5	1.3
1634-04-4	Methyl tert-butyl ether	19.5		0.50	0.22
75-09-2	Methylene Chloride	19.5		0.50	0.32
100-42-5	Styrene	20.4		0.50	0.42
127-18-4	Tetrachloroethene	78.7		0.50	0.25
108-88-3	Toluene	18.1		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	19.7		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	17.1		0.50	0.22
79-01-6	Trichloroethene	43.3		0.50	0.31
75-01-4	Vinyl chloride	20.6		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 MS | Lab Sample ID: 460-261101-11 MS

Matrix: Water | Lab File ID: V21649.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	39.7		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	113		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Report Date: 02-Jul-2022 19:28:34 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21649.D
Lims ID: 460-261101-A-11 MS
Client ID: MW-19_20220623
Sample Type: MS
Inject. Date: 02-Jul-2022 04:42:30 ALS Bottle#: 78 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11 MS
Misc. Info.: 460-0147350-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:28:33 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:39:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	66	3779	20.0	13.9	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	91	21839	20.0	16.4	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	94	22043	20.0	16.0	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	99	63053	20.0	20.7	
2 Chlorodifluoromethane	67	1.309	1.309	0.000	99	10579	20.0	19.3	
6 Chloromethane	50	1.435	1.435	0.000	99	53533	20.0	16.7	
7 Vinyl chloride	62	1.480	1.480	0.000	98	73668	20.0	20.6	
8 Butadiene	54	1.503	1.503	0.000	95	58438	20.0	18.6	
9 Bromomethane	94	1.709	1.698	0.011	99	34278	20.0	14.1	
10 Chloroethane	64	1.766	1.766	0.000	99	42199	20.0	19.4	
11 Dichlorofluoromethane	67	1.892	1.892	0.000	99	101931	20.0	20.2	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	98	106203	20.0	24.0	
13 Pentane	72	1.938	1.926	0.012	95	20797	40.0	37.0	
17 Ethanol	46	2.040	2.040	0.000	95	8575	800.0	794.5	
14 Ethyl ether	74	2.075	2.075	0.000	95	35278	20.0	19.6	
15 2-Methyl-1,3-butadiene	53	2.098	2.098	0.000	93	45683	20.0	16.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	92	60552	20.0	20.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.155	2.143	0.012	96	82249	20.0	19.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	96	63286	20.0	22.6	
52 Acrolein	56	2.223	2.212	0.011	42	8302	40.0	18.5	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	94	58841	20.0	20.8	
23 Acetone	43	2.303	2.303	0.000	86	81553	100.0	112.4	
21 Iodomethane	142	2.372	2.372	0.000	95	44041	20.0	9.44	
24 Isopropyl alcohol	45	2.372	2.372	0.000	70	28597	200.0	206.1	
22 Carbon disulfide	76	2.406	2.406	0.000	99	161858	20.0	18.9	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	90	35189	20.0	16.1	
30 Methyl acetate	43	2.498	2.498	0.000	96	76980	40.0	32.2	
25 Cyclopentene	67	2.521	2.520	0.001	96	150100	20.0	19.9	
27 Acetonitrile	41	2.543	2.543	0.000	96	55811	200.0	209.7	a
* 28 TBA-d9 (IS)	66	2.578	2.578	0.000	100	21079	1000.0	1000.0	
29 Methylene Chloride	84	2.601	2.600	0.001	82	58728	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.635	2.635	0.000	98	65177	200.0	220.0	
32 Methyl tert-butyl ether	73	2.726	2.715	0.011	96	183318	20.0	19.5	
33 trans-1,2-Dichloroethene	96	2.761	2.760	0.001	86	68447	20.0	19.7	
35 Acrylonitrile	53	2.806	2.806	0.000	93	223314	200.0	191.5	
36 Hexane	57	2.886	2.875	0.011	90	58380	20.0	17.6	
37 Isopropyl ether	45	3.046	3.046	0.000	93	143300	20.0	16.1	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	99	99321	20.0	18.4	
40 Vinyl acetate	86	3.092	3.092	0.000	99	28663	40.0	49.9	
39 2-Chloro-1,3-butadiene	88	3.138	3.126	0.012	90	57432	20.0	18.6	
41 Tert-butyl ethyl ether	59	3.332	3.321	0.011	90	166440	20.0	18.3	
* 42 2-Butanone-d5	46	3.515	3.503	0.012	97	113086	250.0	250.0	
43 2,2-Dichloropropane	97	3.538	3.526	0.012	93	31710	20.0	25.6	
45 cis-1,2-Dichloroethene	96	3.561	3.561	0.000	95	320783	20.0	83.0	
44 2-Butanone (MEK)	72	3.561	3.561	0.000	98	44780	100.0	130.7	
47 Ethyl acetate	70	3.561	3.561	0.000	97	17470	40.0	58.3	
46 Methyl acrylate	55	3.618	3.618	0.000	98	45796	20.0	17.1	
48 Propionitrile	54	3.686	3.675	0.011	97	85157	200.0	198.8	
50 Tetrahydrofuran	72	3.766	3.766	0.000	69	19037	40.0	36.9	
49 Chlorobromomethane	128	3.766	3.766	0.000	74	39713	20.0	20.4	
54 Methacrylonitrile	67	3.778	3.766	0.012	89	289873	200.0	194.5	
51 Chloroform	83	3.812	3.812	0.000	99	105644	20.0	19.7	
53 Cyclohexane	84	3.938	3.938	0.000	83	94879	20.0	20.7	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	97	103041	20.0	21.0	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	0.000	97	102136	50.0	54.3	
57 Carbon tetrachloride	117	4.064	4.063	0.001	97	91738	20.0	22.8	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	97	86373	20.0	20.0	
61 Isobutyl alcohol	43	4.212	4.212	0.000	94	75249	500.0	452.1	
64 Isooctane	57	4.235	4.235	0.000	98	129434	20.0	18.2	
59 Benzene	78	4.281	4.269	0.012	96	249184	20.0	18.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	96	94935	50.0	50.2	
66 Isopropyl acetate	87	4.326	4.326	0.000	94	64332	20.0	19.9	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	93	182360	20.0	18.5	
63 1,2-Dichloroethane	62	4.372	4.361	0.011	97	78012	20.0	19.9	
65 n-Heptane	57	4.418	4.418	0.000	83	25751	20.0	17.1	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	332704	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	91	24151	500.0	461.3	
69 Trichloroethene	95	4.909	4.909	0.000	92	144060	20.0	43.3	
72 Methylcyclohexane	83	5.035	5.035	0.000	83	95035	20.0	21.3	
71 Ethyl acrylate	99	5.035	5.035	0.000	94	11819	20.0	24.2	
73 1,2-Dichloropropane	63	5.207	5.195	0.011	85	51718	20.0	17.9	
74 Methyl methacrylate	100	5.275	5.275	0.000	80	46477	40.0	45.0	
* 68 1,4-Dioxane-d8	96	5.275	5.286	-0.011	45	11930	1000.0	1000.0	
78 1,4-Dioxane	88	5.332	5.332	0.000	28	14125	400.0	300.0	
77 n-Propyl acetate	43	5.344	5.344	0.000	95	73332	20.0	17.1	
75 Dibromomethane	93	5.344	5.344	0.000	78	38835	20.0	20.1	
76 Dichlorobromomethane	83	5.504	5.504	0.000	99	79681	20.0	20.0	
34 2-Nitropropane	41	5.847	5.846	0.001	100	38262	40.0	35.9	
80 Epichlorohydrin	57	5.972	5.961	0.011	99	70698	400.0	265.8	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	91	95334	20.0	17.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	94	266806	100.0	119.9	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	452095	50.0	50.3	
83 Toluene	91	6.361	6.361	0.000	93	284565	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.772	6.772	0.000	97	86691	20.0	17.1	
86 Ethyl methacrylate	69	6.795	6.795	0.000	85	72750	20.0	18.6	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	93	50136	20.0	18.7	
88 Tetrachloroethene	166	7.047	7.047	0.000	97	314121	20.0	78.7	
89 1,3-Dichloropropane	76	7.230	7.229	0.001	91	93377	20.0	18.1	
91 2-Hexanone	43	7.298	7.298	0.000	95	181027	100.0	128.6	
92 n-Butyl acetate	43	7.447	7.447	0.000	97	71090	20.0	15.3	
90 Chlorodibromomethane	129	7.492	7.492	0.000	97	72128	20.0	19.9	
93 Ethylene Dibromide	107	7.652	7.652	0.000	97	62987	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	83	272867	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	99	198272	20.0	19.2	
97 Ethylbenzene	106	8.327	8.327	0.000	97	102879	20.0	19.7	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	96	72468	20.0	21.6	
98 m-Xylene & p-Xylene	106	8.475	8.475	0.000	94	128589	20.0	20.1	
100 o-Xylene	106	8.898	8.898	0.000	95	125081	20.0	19.6	
99 n-Butyl acrylate	73	8.910	8.910	0.000	97	44598	20.0	18.1	
101 Styrene	104	8.933	8.933	0.000	97	200741	20.0	20.4	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	94	78511	20.0	15.3	
103 Bromoform	173	9.150	9.150	0.000	96	52008	20.0	22.0	
104 Isopropylbenzene	105	9.264	9.264	0.000	95	307711	20.0	19.5	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	137393	50.0	56.3	
107 Bromobenzene	156	9.596	9.595	0.001	85	85736	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	0.000	97	78510	20.0	17.7	
109 N-Propylbenzene	91	9.664	9.664	0.000	100	336594	20.0	18.9	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	93	28498	20.0	20.7	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	19062	20.0	15.9	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	311231	20.0	19.5	
114 2-Chlorotoluene	91	9.767	9.767	0.000	97	215839	20.0	18.3	
116 1,3,5-Trimethylbenzene	105	9.836	9.835	0.001	95	240304	20.0	19.1	
110 4-Chlorotoluene	91	9.870	9.870	0.000	96	202261	20.0	18.3	
117 Butyl Methacrylate	87	9.938	9.938	0.000	87	72202	20.0	17.7	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	218282	20.0	19.5	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	95	239637	20.0	19.2	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	296272	20.0	19.3	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	265984	20.0	19.8	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	98	153123	20.0	19.7	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	92	140043	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	96	157312	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	98	240445	20.0	18.3	
125 Benzyl chloride	91	10.636	10.636	0.000	100	131523	20.0	14.8	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	94	268229	20.0	19.6	
126 p-Diethylbenzene	119	10.738	10.738	0.000	97	135182	20.0	18.7	
127 n-Butylbenzene	92	10.761	10.761	0.000	96	101730	20.0	17.2	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	99	145642	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	99	184100	20.0	17.5	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	91	22597	20.0	20.7	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	90001	20.0	20.0	
131 1,2,4-Trichlorobenzene	180	12.019	12.019	0.000	93	78553	20.0	19.6	
133 Hexachlorobutadiene	225	12.099	12.099	0.000	94	25952	20.0	21.0	
134 Naphthalene	128	12.201	12.201	0.000	99	224983	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	96	77443	20.0	20.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	102.8	

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	39.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.1	
S 139 Total BTEX	1				0		100.0	95.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00156	Amount Added:	20.00	Units: uL	
524freon_00054	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 19:28:34 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21649.D

Injection Date: 02-Jul-2022 04:42:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-11 MS

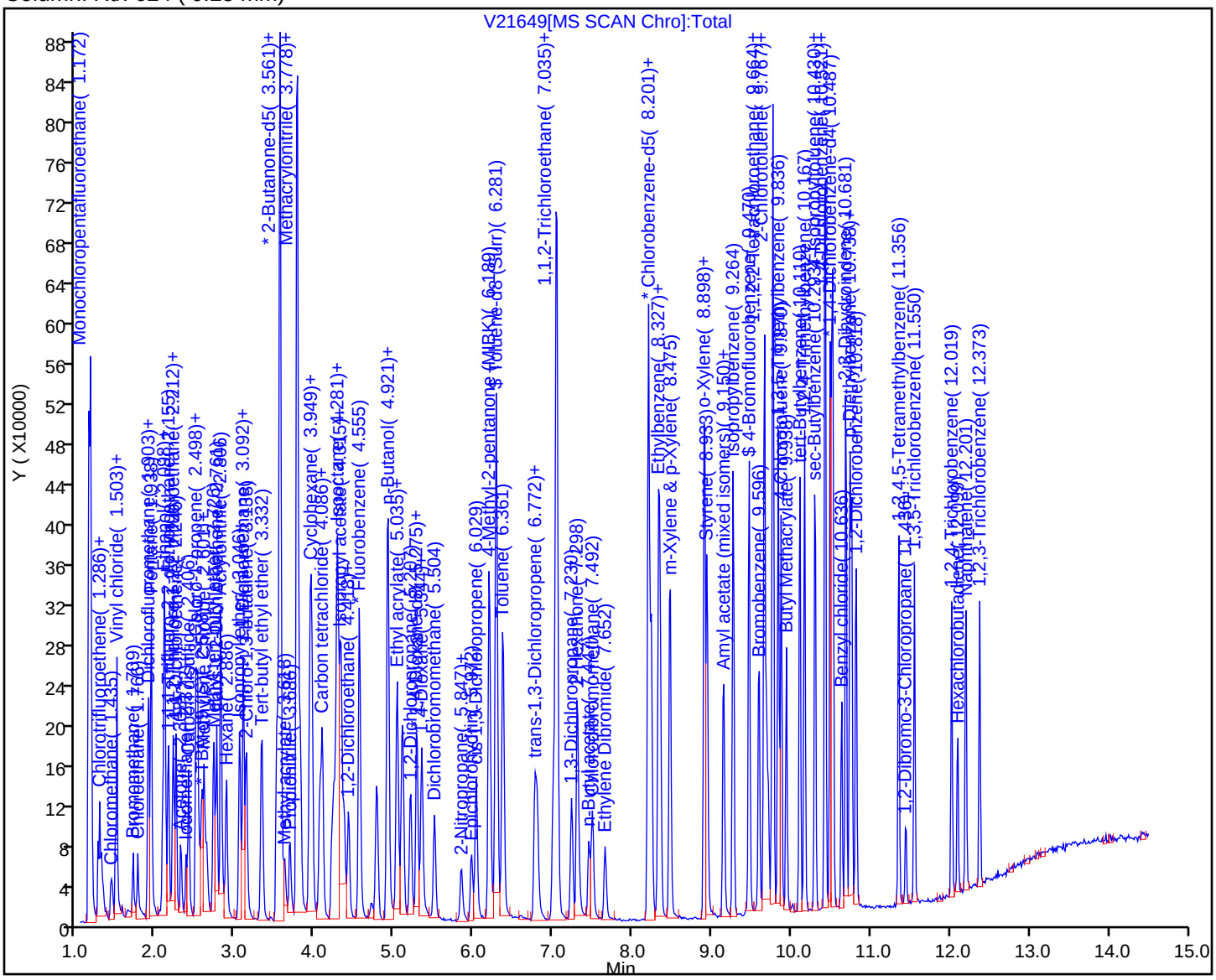
Client ID: MW-19_20220623

Operator ID: ALS Bottle#: 78 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21649.D
Lims ID: 460-261101-A-11 MS
Client ID: MW-19_20220623
Sample Type: MS
Inject. Date: 02-Jul-2022 04:42:30 ALS Bottle#: 78 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11 MS
Misc. Info.: 460-0147350-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:28:33 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:39:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.3	108.51
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.45
$ 82 Toluene-d8 (Surr)	50.0	50.3	100.64
$ 105 4-Bromofluorobenzene	50.0	56.3	112.57

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 MSD | Lab Sample ID: 460-261101-11 MSD

Matrix: Water | Lab File ID: V21650.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 05:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.9		0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.50	0.37
79-00-5	1,1,2-Trichloroethane	18.4		0.50	0.20
75-34-3	1,1-Dichloroethane	16.7		0.50	0.26
75-35-4	1,1-Dichloroethene	17.8		0.50	0.26
107-06-2	1,2-Dichloroethane	19.2		0.50	0.43
78-87-5	1,2-Dichloropropane	17.0		0.50	0.35
591-78-6	2-Hexanone	127		2.5	1.1
67-64-1	Acetone	107		5.0	4.4
71-43-2	Benzene	16.4		0.50	0.20
75-27-4	Bromodichloromethane	18.8		0.50	0.34
75-25-2	Bromoform	21.5		0.50	0.54
74-83-9	Bromomethane	13.3		0.50	0.55
75-15-0	Carbon disulfide	17.3		0.50	0.82
56-23-5	Carbon tetrachloride	19.8		0.50	0.21
108-90-7	Chlorobenzene	18.2		0.50	0.38
75-00-3	Chloroethane	17.6		0.50	0.32
67-66-3	Chloroform	18.7		0.50	0.33
74-87-3	Chloromethane	14.9		0.50	0.40
156-59-2	cis-1,2-Dichloroethene	76.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	16.9		0.50	0.22
124-48-1	Dibromochloromethane	19.8		0.50	0.28
100-41-4	Ethylbenzene	19.1		0.50	0.30
78-93-3	Methyl Ethyl Ketone	135		2.5	1.9
108-10-1	methyl isobutyl ketone	119		2.5	1.3
1634-04-4	Methyl tert-butyl ether	19.2		0.50	0.22
75-09-2	Methylene Chloride	18.4		0.50	0.32
100-42-5	Styrene	19.1		0.50	0.42
127-18-4	Tetrachloroethene	71.8		0.50	0.25
108-88-3	Toluene	17.0		0.50	0.38
156-60-5	trans-1,2-Dichloroethene	18.1		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	16.8		0.50	0.22
79-01-6	Trichloroethene	38.8		0.50	0.31
75-01-4	Vinyl chloride	18.0		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 MSD | Lab Sample ID: 460-261101-11 MSD

Matrix: Water | Lab File ID: V21650.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 05:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	37.2		1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21650.D
Lims ID: 460-261101-A-11 MSD
Client ID: MW-19_20220623
Sample Type: MSD
Inject. Date: 02-Jul-2022 05:03:30 ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11 MSD
Misc. Info.: 460-0147350-030
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:30:01 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:40:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	68	4001	20.0	14.6	
3 Chlorotrifluoroethene	116	1.263	1.263	0.000	85	15543	20.0	11.6	
4 1,1-Difluoroethane	65	1.275	1.275	0.000	93	18739	20.0	13.5	
5 Dichlorodifluoromethane	85	1.286	1.286	0.000	97	54470	20.0	17.8	
2 Chlorodifluoromethane	67	1.297	1.309	-0.012	99	9985	20.0	18.1	
6 Chloromethane	50	1.423	1.435	-0.012	98	48354	20.0	14.9	
7 Vinyl chloride	62	1.480	1.480	0.000	98	64624	20.0	18.0	
8 Butadiene	54	1.492	1.503	-0.011	95	50091	20.0	15.8	
9 Bromomethane	94	1.697	1.698	-0.001	99	32307	20.0	13.3	M
10 Chloroethane	64	1.755	1.766	-0.011	98	38438	20.0	17.6	M
11 Dichlorofluoromethane	67	1.892	1.892	0.000	98	89879	20.0	17.7	
12 Trichlorofluoromethane	101	1.903	1.903	0.000	97	93881	20.0	21.1	
13 Pentane	72	1.926	1.926	0.000	95	20067	40.0	35.5	
17 Ethanol	46	2.040	2.040	0.000	98	6719	800.0	664.0	
14 Ethyl ether	74	2.075	2.075	0.000	88	33869	20.0	18.7	
15 2-Methyl-1,3-butadiene	53	2.097	2.098	-0.001	95	42174	20.0	14.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.109	2.109	0.000	90	51592	20.0	17.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.143	2.143	0.000	97	71534	20.0	17.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.212	2.212	0.000	95	51694	20.0	18.4	
52 Acrolein	56	2.212	2.212	0.000	39	8911	40.0	19.8	
20 1,1-Dichloroethene	96	2.246	2.246	0.000	93	50810	20.0	17.8	
23 Acetone	43	2.303	2.303	0.000	87	77753	100.0	107.1	
21 Iodomethane	142	2.372	2.372	0.000	96	43927	20.0	9.36	
24 Isopropyl alcohol	45	2.372	2.372	0.000	72	29106	200.0	223.9	
22 Carbon disulfide	76	2.406	2.406	0.000	99	148739	20.0	17.3	
26 3-Chloro-1-propene	76	2.498	2.498	0.000	81	33803	20.0	15.4	
30 Methyl acetate	43	2.498	2.498	0.000	94	78454	40.0	32.6	
25 Cyclopentene	67	2.509	2.520	-0.011	93	128930	20.0	17.0	
27 Acetonitrile	41	2.543	2.543	0.000	97	49364	200.0	185.3	a
* 28 TBA-d9 (IS)	66	2.566	2.578	-0.012	100	19745	1000.0	1000.0	
29 Methylene Chloride	84	2.600	2.600	0.000	83	55746	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.623	2.635	-0.012	98	60456	200.0	217.8	
32 Methyl tert-butyl ether	73	2.715	2.715	0.000	95	180976	20.0	19.2	
33 trans-1,2-Dichloroethene	96	2.760	2.760	0.000	88	63053	20.0	18.1	
35 Acrylonitrile	53	2.806	2.806	0.000	94	222702	200.0	190.0	
36 Hexane	57	2.875	2.875	0.000	89	53239	20.0	15.9	
37 Isopropyl ether	45	3.046	3.046	0.000	88	133779	20.0	14.9	
38 1,1-Dichloroethane	63	3.092	3.092	0.000	70	90741	20.0	16.7	
40 Vinyl acetate	86	3.092	3.092	0.000	99	27958	40.0	48.6	
39 2-Chloro-1,3-butadiene	88	3.126	3.126	0.000	90	54288	20.0	17.4	
41 Tert-butyl ethyl ether	59	3.320	3.321	-0.001	91	157203	20.0	17.2	
* 42 2-Butanone-d5	46	3.503	3.503	0.000	92	113174	250.0	250.0	
43 2,2-Dichloropropane	97	3.526	3.526	0.000	92	28573	20.0	22.9	
45 cis-1,2-Dichloroethene	96	3.549	3.561	-0.012	95	298043	20.0	76.8	
44 2-Butanone (MEK)	72	3.560	3.561	-0.001	97	46292	100.0	135.0	
47 Ethyl acetate	70	3.560	3.561	-0.001	95	16339	40.0	54.5	
46 Methyl acrylate	55	3.618	3.618	0.000	98	47151	20.0	17.5	
48 Propionitrile	54	3.675	3.675	0.000	98	88349	200.0	205.2	
50 Tetrahydrofuran	72	3.766	3.766	0.000	72	20321	40.0	39.2	
49 Chlorobromomethane	128	3.766	3.766	0.000	72	37225	20.0	19.0	
54 Methacrylonitrile	67	3.766	3.766	0.000	89	286979	200.0	191.6	
51 Chloroform	83	3.812	3.812	0.000	98	100783	20.0	18.7	
53 Cyclohexane	84	3.926	3.938	-0.012	85	82529	20.0	17.9	
55 1,1,1-Trichloroethane	97	3.938	3.938	0.000	97	93287	20.0	18.9	
$ 56 Dibromofluoromethane (Surr)	113	3.961	3.961	-0.001	97	93283	50.0	49.3	
57 Carbon tetrachloride	117	4.063	4.063	0.000	95	79938	20.0	19.8	
58 1,1-Dichloropropene	75	4.086	4.086	0.000	94	73508	20.0	16.9	
61 Isobutyl alcohol	43	4.201	4.212	-0.011	96	71105	500.0	456.0	
64 Isooctane	57	4.235	4.235	0.000	99	112757	20.0	15.8	
59 Benzene	78	4.269	4.269	0.000	96	222660	20.0	16.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.292	4.292	0.000	97	89637	50.0	47.2	
66 Isopropyl acetate	87	4.315	4.326	-0.011	95	60469	20.0	18.6	
62 Tert-amyl methyl ether	73	4.326	4.326	0.000	97	176264	20.0	17.8	
63 1,2-Dichloroethane	62	4.361	4.361	0.000	97	75679	20.0	19.2	
65 n-Heptane	57	4.418	4.418	0.000	84	23595	20.0	15.6	
* 67 Fluorobenzene	96	4.555	4.555	0.000	99	334407	50.0	50.0	
70 n-Butanol	56	4.886	4.898	-0.012	88	25421	500.0	518.4	
69 Trichloroethene	95	4.909	4.909	0.000	92	129797	20.0	38.8	
72 Methylcyclohexane	83	5.035	5.035	0.000	82	85873	20.0	19.2	
71 Ethyl acrylate	99	5.023	5.035	-0.012	95	11044	20.0	22.5	
73 1,2-Dichloropropane	63	5.195	5.195	0.000	84	49532	20.0	17.0	
74 Methyl methacrylate	100	5.275	5.275	0.000	81	44484	40.0	42.8	
* 68 1,4-Dioxane-d8	96	5.263	5.286	-0.023	44	13993	1000.0	1000.0	
78 1,4-Dioxane	88	5.321	5.332	-0.011	41	15251	400.0	276.1	
77 n-Propyl acetate	43	5.344	5.344	0.000	95	72020	20.0	16.7	
75 Dibromomethane	93	5.344	5.344	0.000	81	36251	20.0	18.7	
76 Dichlorobromomethane	83	5.504	5.504	0.000	98	75345	20.0	18.8	
34 2-Nitropropane	41	5.835	5.846	-0.011	100	40068	40.0	37.4	
80 Epichlorohydrin	57	5.961	5.961	0.000	99	69820	400.0	262.2	
81 cis-1,3-Dichloropropene	75	6.029	6.029	0.000	90	93228	20.0	16.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.189	6.189	0.000	94	265110	100.0	119.0	
$ 82 Toluene-d8 (Surr)	98	6.281	6.281	0.000	100	414268	50.0	47.0	
83 Toluene	91	6.361	6.361	0.000	94	262061	20.0	17.0	

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	6.772	6.772	0.000	96	83740	20.0	16.8	
86 Ethyl methacrylate	69	6.795	6.795	0.000	87	68042	20.0	17.7	
87 1,1,2-Trichloroethane	83	7.001	7.001	0.000	90	48436	20.0	18.4	
88 Tetrachloroethene	166	7.035	7.047	-0.012	97	281090	20.0	71.8	
89 1,3-Dichloropropane	76	7.229	7.229	0.000	91	90318	20.0	17.8	
91 2-Hexanone	43	7.298	7.298	0.000	93	179578	100.0	127.4	
92 n-Butyl acetate	43	7.447	7.447	0.000	96	71246	20.0	15.6	
90 Chlorodibromomethane	129	7.492	7.492	0.000	97	70549	20.0	19.8	
93 Ethylene Dibromide	107	7.652	7.652	0.000	100	63997	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.201	8.201	0.000	82	267804	50.0	50.0	
95 Chlorobenzene	112	8.235	8.235	0.000	98	184118	20.0	18.2	
97 Ethylbenzene	106	8.327	8.327	0.000	97	97930	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	8.350	8.350	0.000	96	65002	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.464	8.475	-0.011	94	118970	20.0	19.0	
100 o-Xylene	106	8.898	8.898	0.000	97	114253	20.0	18.2	
99 n-Butyl acrylate	73	8.910	8.910	0.000	97	40709	20.0	16.8	
101 Styrene	104	8.932	8.933	-0.001	98	184338	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.138	9.138	0.000	94	79091	20.0	15.5	
103 Bromoform	173	9.150	9.150	0.000	96	49742	20.0	21.5	
104 Isopropylbenzene	105	9.264	9.264	0.000	94	279050	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	9.470	9.470	0.000	0	127875	50.0	53.4	
107 Bromobenzene	156	9.595	9.595	0.000	83	81091	20.0	18.9	
108 1,1,2,2-Tetrachloroethane	83	9.653	9.653	-0.001	97	78678	20.0	17.8	
109 N-Propylbenzene	91	9.664	9.664	0.000	99	306810	20.0	17.3	
115 1,2,3-Trichloropropane	110	9.687	9.687	0.000	94	29370	20.0	21.4	
112 trans-1,4-Dichloro-2-butene	53	9.710	9.710	0.000	92	19493	20.0	16.4	
113 4-Ethyltoluene	105	9.767	9.767	0.000	98	282843	20.0	17.8	
114 2-Chlorotoluene	91	9.767	9.767	0.000	96	198447	20.0	16.9	
116 1,3,5-Trimethylbenzene	105	9.835	9.835	0.000	95	224459	20.0	17.9	
110 4-Chlorotoluene	91	9.870	9.870	0.000	95	185029	20.0	16.8	
117 Butyl Methacrylate	87	9.938	9.938	0.000	87	71408	20.0	17.6	
118 tert-Butylbenzene	119	10.110	10.110	0.000	97	201751	20.0	18.2	
119 1,2,4-Trimethylbenzene	105	10.167	10.167	0.000	95	220724	20.0	17.8	
120 sec-Butylbenzene	105	10.293	10.293	0.000	99	267939	20.0	17.5	
121 4-Isopropyltoluene	119	10.418	10.418	0.000	98	241140	20.0	18.0	
122 1,3-Dichlorobenzene	146	10.430	10.430	0.000	99	146269	20.0	18.9	
* 106 1,4-Dichlorobenzene-d4	152	10.487	10.487	0.000	93	139318	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.510	10.510	0.000	97	154084	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.521	10.521	0.000	97	230741	20.0	17.6	
125 Benzyl chloride	91	10.635	10.636	-0.001	99	131280	20.0	14.8	
111 2,3-Dihydroindene	117	10.681	10.681	0.000	95	251988	20.0	18.5	
126 p-Diethylbenzene	119	10.738	10.738	0.000	96	123949	20.0	17.2	
127 n-Butylbenzene	92	10.761	10.761	0.000	98	99155	20.0	16.8	
128 1,2-Dichlorobenzene	146	10.818	10.818	0.000	99	137080	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	11.356	11.356	0.000	98	173143	20.0	16.6	
129 1,2-Dibromo-3-Chloropropane	157	11.447	11.447	0.000	88	23664	20.0	21.8	
132 1,3,5-Trichlorobenzene	180	11.550	11.550	0.000	97	84834	20.0	18.9	
131 1,2,4-Trichlorobenzene	180	12.018	12.019	-0.001	92	76637	20.0	19.2	
133 Hexachlorobutadiene	225	12.098	12.099	-0.001	92	23071	20.0	18.7	
134 Naphthalene	128	12.201	12.201	0.000	99	224313	20.0	19.0	
135 1,2,3-Trichlorobenzene	180	12.373	12.373	0.000	97	73479	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	94.9	

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	37.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	33.7	
S 139 Total BTEX	1				0		100.0	89.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00482	Amount Added:	20.00	Units: uL	
ACROLEIN W_00141	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00156	Amount Added:	20.00	Units: uL	
524freon_00054	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00228	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Jul-2022 19:30:01 Chrom Revision: 2.3 20-Jun-2022 20:10:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21650.D

Injection Date: 02-Jul-2022 05:03:30 Instrument ID: CVOAMS7

Lims ID: 460-261101-A-11 MSD

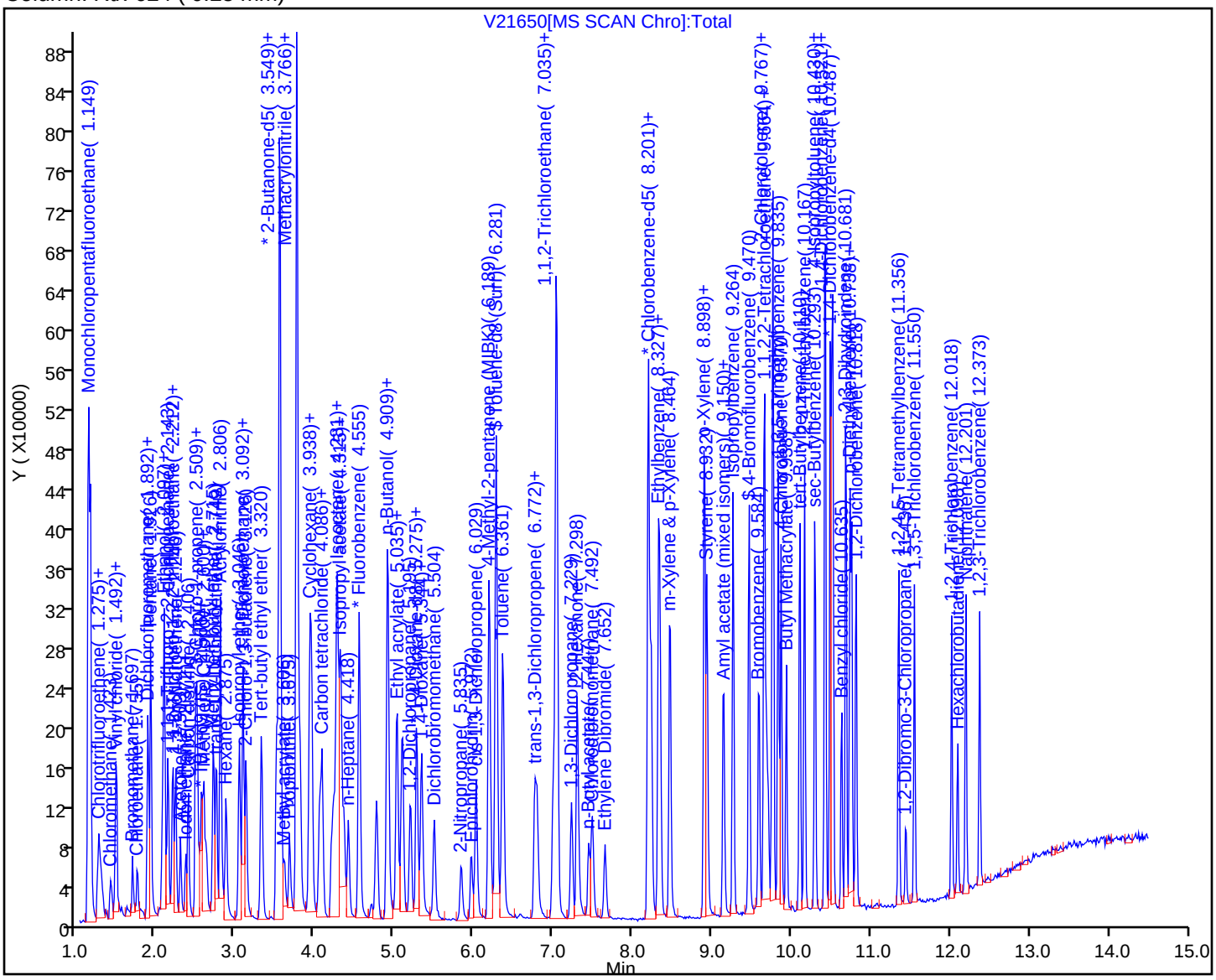
Client ID: MW-19_20220623

Operator ID: ALS Bottle#: 79 Worklist Smp#: 30

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21650.D
Lims ID: 460-261101-A-11 MSD
Client ID: MW-19_20220623
Sample Type: MSD
Inject. Date: 02-Jul-2022 05:03:30 ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-261101-A-11 MSD
Misc. Info.: 460-0147350-030
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Jul-2022 19:30:01 Calib Date: 01-Jul-2022 07:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147308.b\V21590.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1612

First Level Reviewer: RD6L Date: 02-Jul-2022 08:40:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.3	98.60
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.2	94.36
$ 82 Toluene-d8 (Surr)	50.0	47.0	93.97
$ 105 4-Bromofluorobenzene	50.0	53.4	106.76

Eurofins Edison

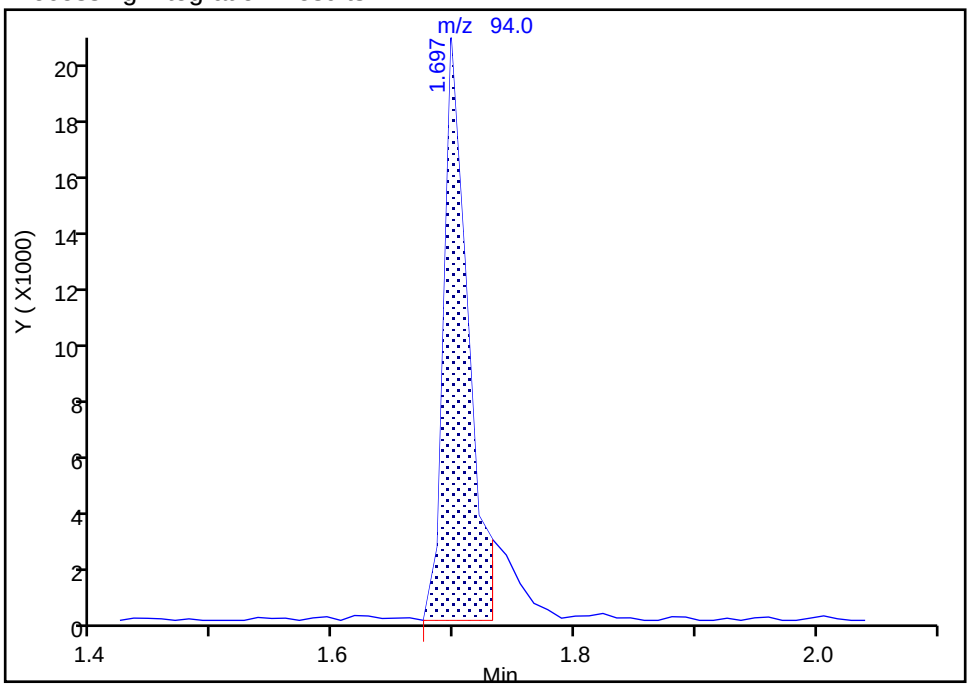
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21650.D
Injection Date: 02-Jul-2022 05:03:30 Instrument ID: CVOAMS7
Lims ID: 460-261101-A-11 MSD
Client ID: MW-19_20220623
Operator ID: ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

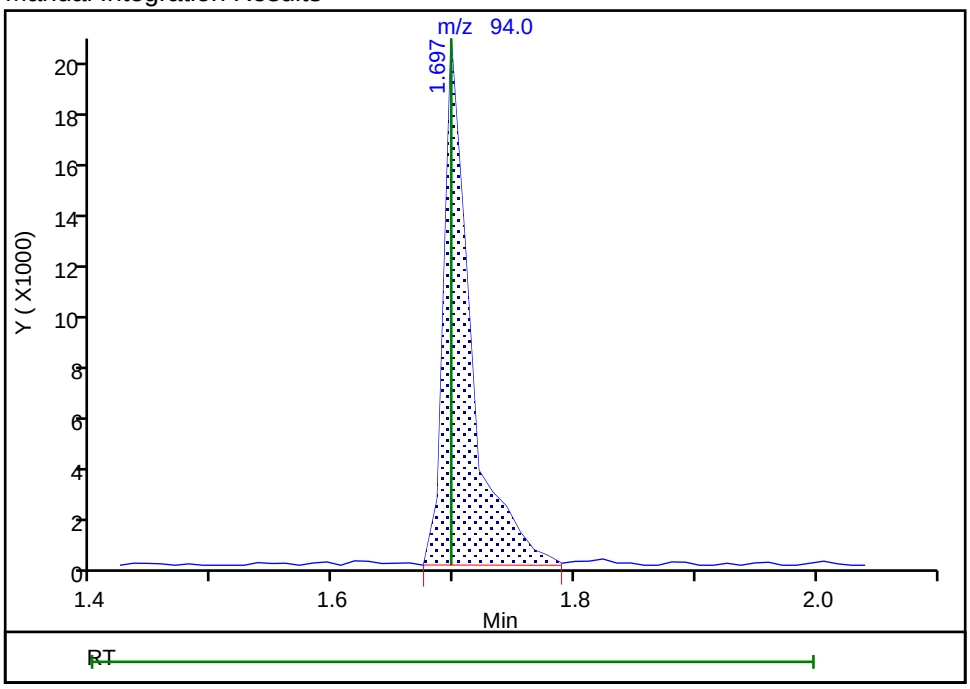
Processing Integration Results

RT: 1.70
Area: 29144
Amount: 11.953966
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 32307
Amount: 13.251331
Amount Units: ug/l



Reviewer: XE5L, 02-Jul-2022 19:28:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

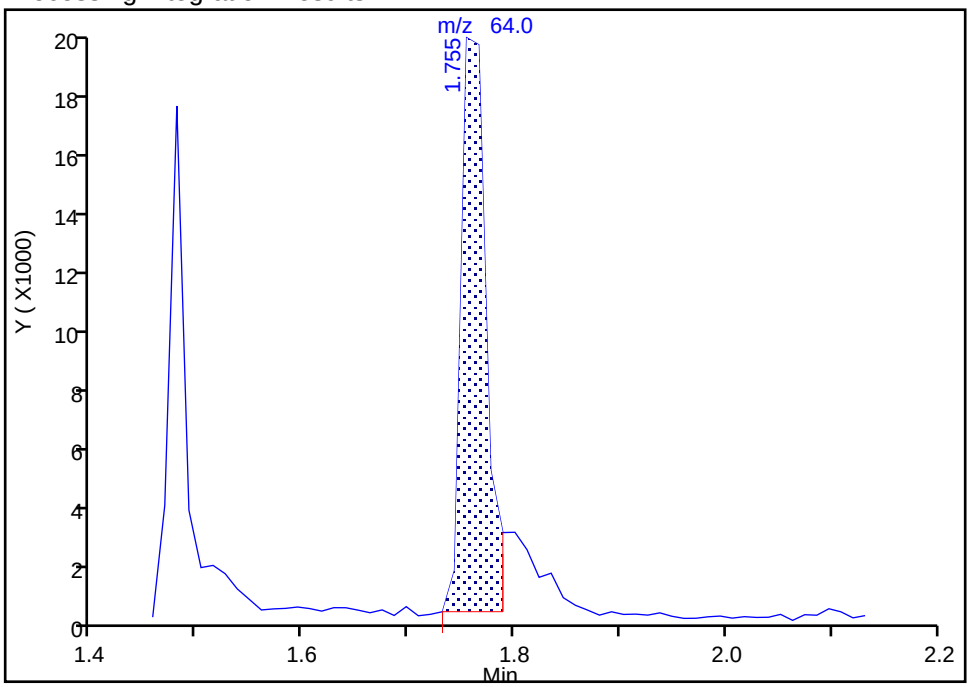
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20220701-147350.b\V21650.D
Injection Date: 02-Jul-2022 05:03:30 Instrument ID: CVOAMS7
Lims ID: 460-261101-A-11 MSD
Client ID: MW-19_20220623
Operator ID: ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

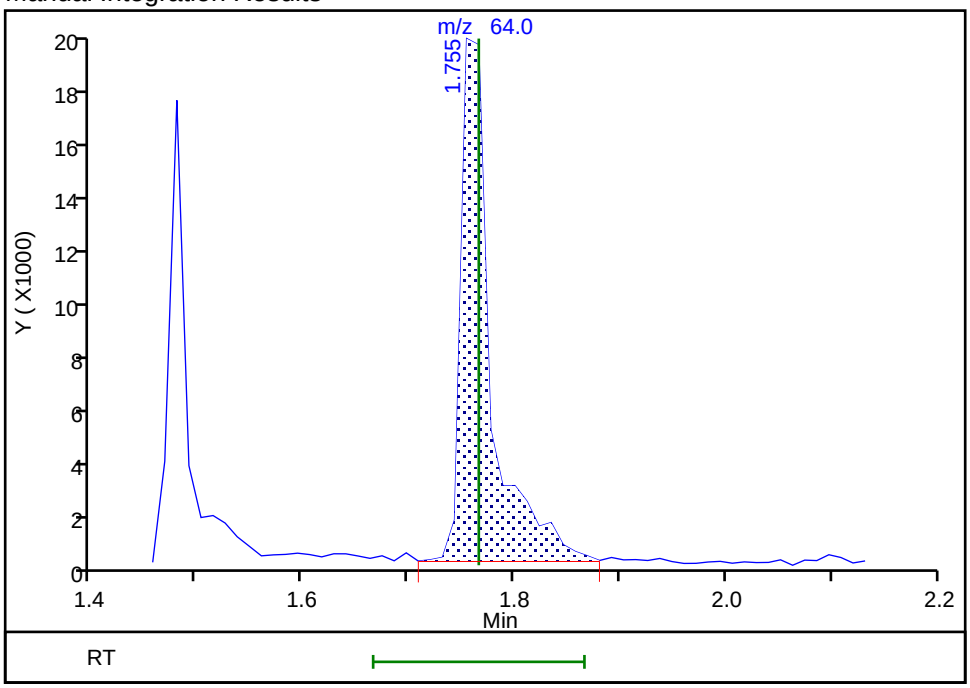
Processing Integration Results

RT: 1.75
Area: 31682
Amount: 14.481500
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 38438
Amount: 17.569594
Amount Units: ug/l



Reviewer: XE5L, 02-Jul-2022 19:29:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 07/01/2022 00:49

Analysis Batch Number: 853073 End Date: 07/01/2022 07:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-853073/1		07/01/2022 00:49	1	V21573.D	Rtx-624 0.25(mm)
STD8 460-853073/3 IC		07/01/2022 01:33	1	V21575.D	Rtx-624 0.25(mm)
STD05 460-853073/4 IC		07/01/2022 01:55	1	V21576.D	Rtx-624 0.25(mm)
STD5 460-853073/6 IC		07/01/2022 02:37	1	V21578.D	Rtx-624 0.25(mm)
STD20 460-853073/7 ICIS		07/01/2022 02:59	1	V21579.D	Rtx-624 0.25(mm)
STD50 460-853073/8 IC		07/01/2022 03:20	1	V21580.D	Rtx-624 0.25(mm)
STD200 460-853073/9 IC		07/01/2022 03:41	1	V21581.D	Rtx-624 0.25(mm)
STD500 460-853073/10 IC		07/01/2022 04:02	1	V21582.D	Rtx-624 0.25(mm)
STD1 460-853073/18 IC		07/01/2022 07:33	1	V21590.D	Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 07:33	1		Rtx-624 0.25(mm)
ICV 460-853073/19		07/01/2022 07:57	1	V21591.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 07/01/2022 19:04

Analysis Batch Number: 853230 End Date: 07/02/2022 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-853230/2		07/01/2022 19:04	1	V21622.D	Rtx-624 0.25(mm)
LCS 460-853230/3		07/01/2022 19:25	1	V21623.D	Rtx-624 0.25(mm)
LCSD 460-853230/4		07/01/2022 19:46	1	V21624.D	Rtx-624 0.25(mm)
MB 460-853230/7		07/01/2022 20:50	1	V21627.D	Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 21:12	1		Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 21:33	1		Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 21:55	1		Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 22:16	1		Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 22:38	1		Rtx-624 0.25(mm)
ZZZZZ		07/01/2022 22:59	1		Rtx-624 0.25(mm)
460-261101-18	TB_20220624	07/01/2022 23:42	1	V21635.D	Rtx-624 0.25(mm)
460-261101-17	FB_20220623	07/02/2022 00:04	1	V21636.D	Rtx-624 0.25(mm)
460-261101-1	MW-2R_20220623	07/02/2022 00:25	1	V21637.D	Rtx-624 0.25(mm)
460-261101-2	MW-4_20220623	07/02/2022 00:46	1	V21638.D	Rtx-624 0.25(mm)
460-261101-3	MW-6_20220623	07/02/2022 01:08	1	V21639.D	Rtx-624 0.25(mm)
460-261101-4	MW-7_20220624	07/02/2022 01:29	1	V21640.D	Rtx-624 0.25(mm)
460-261101-5	MW-8_20220624	07/02/2022 01:50	1	V21641.D	Rtx-624 0.25(mm)
460-261101-6	MW-11_20220624	07/02/2022 02:12	1	V21642.D	Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 02:33	1		Rtx-624 0.25(mm)
460-261101-8	MW-13_20220624	07/02/2022 02:55	1	V21644.D	Rtx-624 0.25(mm)
460-261101-9	MW-14_20220623	07/02/2022 03:16	1	V21645.D	Rtx-624 0.25(mm)
460-261101-10	MW-18_20220623	07/02/2022 03:38	1	V21646.D	Rtx-624 0.25(mm)
460-261101-11	MW-19_20220623	07/02/2022 03:59	1	V21647.D	Rtx-624 0.25(mm)
460-261101-12	MW-24_20220624	07/02/2022 04:20	1	V21648.D	Rtx-624 0.25(mm)
460-261101-11 MS	MW-19_20220623 MS	07/02/2022 04:42	1	V21649.D	Rtx-624 0.25(mm)
460-261101-11 MSD	MW-19_20220623 MSD	07/02/2022 05:03	1	V21650.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 07/02/2022 07:24

Analysis Batch Number: 853294 End Date: 07/02/2022 15:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-853294/2		07/02/2022 07:24	1	V21653.D	Rtx-624 0.25(mm)
LCS 460-853294/3		07/02/2022 07:45	1	V21654.D	Rtx-624 0.25(mm)
LCSD 460-853294/4		07/02/2022 08:07	1	V21655.D	Rtx-624 0.25(mm)
MB 460-853294/7		07/02/2022 09:11	1	V21658.D	Rtx-624 0.25(mm)
460-261101-7	MW-12_20220624	07/02/2022 09:32	1	V21659.D	Rtx-624 0.25(mm)
460-261101-13	MW-25_20220623	07/02/2022 09:54	1	V21660.D	Rtx-624 0.25(mm)
460-261101-14	MW-26_20220623	07/02/2022 10:15	1	V21661.D	Rtx-624 0.25(mm)
460-261101-15	MW-28_20220624	07/02/2022 10:36	1	V21662.D	Rtx-624 0.25(mm)
460-261101-16	MW-X_20220623	07/02/2022 10:58	1	V21663.D	Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 11:40	1		Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 12:23	1		Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 12:45	1		Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 13:27	1		Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 13:49	1		Rtx-624 0.25(mm)
		07/02/2022 15:36	25		Rtx-624 0.25(mm)
ZZZZZ		07/02/2022 15:57	2		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Batch Number: 853073 Batch Start Date: 07/01/22 00:49 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00143	524freon 00053	8260 SP 00155	8260ISNEW 00171
BFB 460-853073/1		8260D		5 mL	5 mL				
STD8 460-853073/3 IC		8260D		5 mL	5 mL				1 uL
STD05 460-853073/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		1 uL
STD5 460-853073/6 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-853073/7 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-853073/8 IC		8260D		5 mL	5 mL				1 uL
STD200 460-853073/9 IC		8260D		5 mL	5 mL				1 uL
STD500 460-853073/10 IC		8260D		5 mL	5 mL				1 uL
STD1 460-853073/18 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-853073/19		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00155	8260SURR250 00228	8FreonHi 00046	8FreonsSS 00046	ACROLEIN SP 00139	ACROLEIN W 00141
BFB 460-853073/1		8260D							
STD8 460-853073/3 IC		8260D			1 uL				
STD05 460-853073/4 IC		8260D		5 uL	1 uL				2 uL
STD5 460-853073/6 IC		8260D		10 uL	1 uL				4 uL
STD20 460-853073/7 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-853073/8 IC		8260D			1 uL	5 uL			10 uL
STD200 460-853073/9 IC		8260D			1 uL	20 uL			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.: 460-261101-1

SDG No.:

Batch Number: 853073 Batch Start Date: 07/01/22 00:49 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00155	8260SURR250 00228	8FreonHi 00046	8FreonsSS 00046	ACROLEIN SP 00139	ACROLEIN W 00141
STD500 460-853073/10 IC		8260D			1 uL	50 uL			40 uL
STD1 460-853073/18 IC		8260D		10 uL	1 uL				4 uL
ICV 460-853073/19		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00101	BFB 00031	Ethanol mix 00066	GAS C SP 00468	GAS Hi 00417	GASES Li 00482
BFB 460-853073/1		8260D			1 uL				
STD8 460-853073/3 IC		8260D		20 uL					2.5 uL
STD05 460-853073/4 IC		8260D							5 uL
STD5 460-853073/6 IC		8260D							10 uL
STD20 460-853073/7 ICIS		8260D							20 uL
STD50 460-853073/8 IC		8260D				5 uL		5 uL	
STD200 460-853073/9 IC		8260D				20 uL		20 uL	
STD500 460-853073/10 IC		8260D				50 uL		50 uL	
STD1 460-853073/18 IC		8260D							10 uL
ICV 460-853073/19		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00124	MIX I Hi 00151				
BFB 460-853073/1		8260D							
STD8 460-853073/3 IC		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Batch Number: 853073 Batch Start Date: 07/01/22 00:49 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00124	MIX I Hi 00151				
STD05 460-853073/4 IC		8260D							
STD5 460-853073/6 IC		8260D							
STD20 460-853073/7 ICIS		8260D							
STD50 460-853073/8 IC		8260D		5 uL	5 uL				
STD200 460-853073/9 IC		8260D		20 uL	20 uL				
STD500 460-853073/10 IC		8260D		50 uL	50 uL				
STD1 460-853073/18 IC		8260D							
ICV 460-853073/19		8260D							

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.: 460-261101-1

SDG No.:

Batch Number: 853230 Batch Start Date: 07/01/22 19:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00053	524freon 00054	8260ISNEW 00171
CCVIS 460-853230/2		8260D		5 mL	5 mL		20 uL		1 uL
LCS 460-853230/3		8260D		5 mL	5 mL		20 uL		1 uL
LCSD 460-853230/4		8260D		5 mL	5 mL		20 uL		1 uL
MB 460-853230/7		8260D		5 mL	5 mL				1 uL
460-261101-A-18	TB_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-17	FB_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-1	MW-2R_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-2	MW-4_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-3	MW-6_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-4	MW-7_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-5	MW-8_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-6	MW-11_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-8	MW-13_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-9	MW-14_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-10	MW-18_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-11	MW-19_20220623	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-12	MW-24_20220624	8260D	T	5 mL	5 mL	<2 PH Units			1 uL
460-261101-A-11 MS	MW-19_20220623	8260D	T	5 mL	5 mL	<2 PH Units		20 uL	1 uL
460-261101-A-11 MSD	MW-19_20220623	8260D	T	5 mL	5 mL	<2 PH Units		20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00155	8260MIX1COMB 00156	8260SURR250 00228	ACROLEIN W 00141	GASES Li 00482	
CCVIS 460-853230/2		8260D		20 uL		1 uL	4 uL	20 uL	
LCS 460-853230/3		8260D		20 uL		1 uL	4 uL	20 uL	
LCSD 460-853230/4		8260D		20 uL		1 uL	4 uL	20 uL	
MB 460-853230/7		8260D				1 uL			
460-261101-A-18	TB_20220624	8260D	T			1 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Batch Number: 853230 Batch Start Date: 07/01/22 19:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00155	8260MIX1COMB 00156	8260SURR250 00228	ACROLEIN W 00141	GASES Li 00482	
460-261101-A-17	FB_20220623	8260D	T			1 uL			
460-261101-A-1	MW-2R_20220623	8260D	T			1 uL			
460-261101-A-2	MW-4_20220623	8260D	T			1 uL			
460-261101-A-3	MW-6_20220623	8260D	T			1 uL			
460-261101-A-4	MW-7_20220624	8260D	T			1 uL			
460-261101-A-5	MW-8_20220624	8260D	T			1 uL			
460-261101-A-6	MW-11_20220624	8260D	T			1 uL			
460-261101-A-8	MW-13_20220624	8260D	T			1 uL			
460-261101-A-9	MW-14_20220623	8260D	T			1 uL			
460-261101-A-10	MW-18_20220623	8260D	T			1 uL			
460-261101-A-11	MW-19_20220623	8260D	T			1 uL			
460-261101-A-12	MW-24_20220624	8260D	T			1 uL			
460-261101-A-11 MS	MW-19_20220623	8260D	T		20 uL	1 uL	4 uL	20 uL	
460-261101-A-11 MSD	MW-19_20220623	8260D	T		20 uL	1 uL	4 uL	20 uL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-261101-1

SDG No.:

Batch Number: 853294 Batch Start Date: 07/02/22 07:24 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00054	8260ISNEW 00171	8260MIX1COMB 00156
CCVIS 460-853294/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-853294/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-853294/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-853294/7		8260D		5 mL	5 mL			1 uL	
460-261101-B-7	MW-12_20220624	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-261101-A-13	MW-25_20220623	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-261101-A-14	MW-26_20220623	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-261101-A-15	MW-28_20220624	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-261101-A-16	MW-X_20220623	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00228	ACROLEIN W 00141	GASES Li 00482			
CCVIS 460-853294/2		8260D		1 uL	4 uL	20 uL			
LCS 460-853294/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-853294/4		8260D		1 uL	4 uL	20 uL			
MB 460-853294/7		8260D		1 uL					
460-261101-B-7	MW-12_20220624	8260D	T	1 uL					
460-261101-A-13	MW-25_20220623	8260D	T	1 uL					
460-261101-A-14	MW-26_20220623	8260D	T	1 uL					
460-261101-A-15	MW-28_20220624	8260D	T	1 uL					
460-261101-A-16	MW-X_20220623	8260D	T	1 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 Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JOHN SUTCH	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-156911-101800.1
Client Contact: Mr. Bryan Zieroff	Phone:	E-Mail: Melissa.Haas@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 261101
Address: 34 South Broadway Suite 314	Due Date Requested:			
City: White Plains	TAT Requested (days): STANDARD			
State, Zip: NY, 10601	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2382(Tel)	PO #: 40217			
Email: bzieroff@akrf.com	WO #:			
Project Name: New City; #40217	Project #: 46009016			
Site: NEW CITY	SSOW#:			

460-261101 Chain of Custody

J - DI Water
K - EDTA
L - EDA
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)
Other:

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)	8260D_LL - Standard Compound List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-2R	6/23/22	1600	G	Water			X		1
MW-4	6/23/22	1250		Water			X		2
MW-6	6/23/22	1550		Water			X		3
MW-7	6/24/22	0855		Water			X		4
MW-8	6/24/22	0900		Water			X		5
MW-11	6/24/22	1010		Water			X		6
MW-12	6/24/22	0930		Water			X		7
MW-13	6/24/22	1350		Water			X		8
MW-14	6/23/22	1215		Water			X		9
MW-18	6/23/22	1005		Water			X		10
MW-19	6/23/22	1450		Water			X		MS/MSD 11

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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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/24/22 1505			6-24-22 15:05	ETH
2		6/24/22 19:20			6/25/22 1900	FAB
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.8 / 2.9 IR#1

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JOHN Sutton	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-156911-101800.2
Client Contact: Mr. Bryan Zieroff	Phone:	E-Mail: Melissa.Haas@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 26101
Address: 34 South Broadway Suite 314	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; 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; Y - Trizma; Z - other (specify); Other:
City: White Plains	TAT Requested (days): STANDARD			
State, Zip: NY, 10601	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2382(Tel)	PO #: 40217			
Email: bzieroff@akrf.com	WO #:			
Project Name: New City; #40217	Project #: 46009016			
Site:	SSOW#:			

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)	8260D_LL - Standard Compound List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-24_20220624	6/24/22	1100	G	Water			X		12
MW-25_20220623	6/23/22	1440		Water			X		13
MW-26_20220623	6/23/22	1130		Water			X		14
MW-28_20220624	6/24/22	1405		Water			X		15
MW-X_20220623	6/23/22		G	Water			X		16
FB_20220623	6/23/22	1135	G	Water			X		17
TB_20220624	6/24/22			Water			X		18
				Water					19
				Water					20

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/24/22 1505			6-24-22 1505	ET
2	Relinquished by:	Date/Time: 6/28/22 19:30	Company	Received by:	Date/Time: 6/28/22 900	Company FAEN
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 261101

Number of Coolers: 1 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.1 °C	2.1 °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:** 6/28/22

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-261101-1

Login Number: 261101
List Number: 1
Creator: Meyers, Gary

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.	True	

L.A.B. Validation Corp. 14 West Point Drive, East Northport, N.Y. 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSIS

EPA Compendium Method TO-15
VOLATILES BY GC/MS

For Indoor/Ambient Air Samples
Collected September 29, 2021
From New City

Project No. 40217
Collected by AKRF, Inc.

SAMPLE DELIVERY GROUP NUMBER: 200-60355-1
Eurofins TestAmerica Laboratories, Inc. (Burlington, VT.)
[ELAP #10391]

SUBMITTED TO:

Mr. Bryan Zieroff
AKRF, Inc.
34 South Broadway, Suite 314
White Plains, NY 10601

August 24, 2022

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

Lori A. Beyer

New City; September 2021 Sampling Event.
Data Validation Report: Volatile Organics - Air

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

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- 1.1 Holding Time
- 1.2 Surrogate Standards
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 1.4 Laboratory Control Sample
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Target/Non-Target Compound List Identification
- 1.10 Compound Quantification and Reported Detection Limits
- 1.11 Overall System Performance

APPENDICES:

A. Chain of Custody Document and Sample Receipt Checklist
B. Case Narrative
C. Data Summary Form Is with Qualifications

Introduction:
A validation was performed on ambient/indoor air samples for Volatile Organic analysis collected by AKRF, Inc. and submitted to Eurofins TestAmerica Burlington, VT. 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 September 29, 2021.

The samples were analyzed by Eurofins TestAmerica 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
IA-1_20210929	200-60355-1	Indoor Air	09/29/2021
IA-X_20210929 [Field Duplicate of IA-1_20210929]	200-60355-2	Indoor Air	09/29/2021
AA_20210929	200-60355-3	Ambient Air	09/29/2021

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 are 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 on October 01, 2021, following completion of the sampling event via Federal Express. 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 summa canister samples is assumed to be good.

Summa Canisters were leak tested prior to collection of each sample. Initial pressure gauge is recorded on the chain of custody and is required to be approximately 30 psi with zero air. Acceptable canister pressure was observed for these samples. All canisters pass the leak check requirements.

The data summary Form I's included in Appendix C includes all and any 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 the 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 Form I's 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.

Air samples were analyzed within the method and technical required holding times of thirty (30) days from sample collection for analysis. 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 analysis was not performed on samples pertaining to this SDG. Laboratory duplicate analysis was not provided in the lab report.

Field Duplicate analysis was performed on IA-1_20210929 as IA-X_20210929. Acceptable precision for air samples is 25%. The following criteria are utilized for Field/Lab Duplicate analysis when performed:

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 of 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

Methylene Chloride (0.63 ug/m3) and Carbon Tetrachloride (0.22 ug/m3) was detected in the field duplicate and not in the parent sample. Methylene Chloride is a common laboratory contaminant and should be considered suspect. The detected concentration is less than the reporting limit and qualified, "J" by the laboratory. No additional qualifiers were applied based on Methylene Chloride presence. Carbon Tetrachloride detection is at the reporting limit (0.22 ug/m3). Review of the raw data in the parent sample indicates very low "detection", however, is not reported and/or quantitated since the final value is less than the MDL. Benzene (0.31 ug/m3) and Tetrachloroethene (0.39 ug/m3) was detected in the parent sample and not in the field duplicate. Both concentrations are less than the reporting limits and qualified, "J by the laboratory. No qualifications to the data were applied based on MS/MSD/Laboratory Duplicate or Field Duplicate analysis.

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 this SDG. Recovery values for all spiked compounds was determined to be >70%-<130% 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. 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 ppbv.

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 and Canister blanks were determined to be free of any contamination.

Acetone, Methylene Chloride, and 2-Butanone are common laboratory contaminants. The end user should proceed with caution when making decisions based on these detections since Acetone and Methylene Chloride are common solvents utilized in the organic extraction laboratory and could not be negated due to lack of presence in the corresponding blanks.

A) Field Blank Contamination:

Field Blank analysis was not required.

B) 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.

Initial Calibrations: The initial calibrations provided and the %RSD was within acceptable limits (30%) and (40%) for poor responders for all target compounds except for 1,2,4-Trimethylbenzene (33.2%) Non-detects have been qualified, "UJ" in all samples. Initial calibration verification standards met QC requirements (<30%).

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 as compared to the continuing calibration.

1.9 Target/Non-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.

Target GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications. Tentatively Identified Compounds (TICs) were provided for all samples. No significant non-target presence is observed on the sample chromatograms. Peaks that have been determined to be present as a result of "column bleed" have been rejected, "R" and not due to sample matrix constituents.

1.10 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. Samples were analyzed undiluted at 200mls.

1.11 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 complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

Reviewer's Signature Lou'a. Bly **Date** 08/24/2022

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** B ZZCOSCP	**Samples Collected By:** JOHN SULLIVAN
Company Name: AKRF	**Phone:**	
Address:	**Email:**	
City/State/Zip		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name:	**Analysis Turnaround Time**	
Site/Location: NEW CITY	Standard (Specific):	
P O # 90217	Rush (Specifiy):	

COC No: _____ of _____ COCs
TALS Project #:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
IA-1_20210929	9/29/21	905	9/29/21	1626	-28	-15	5135	4820	X														MS/MSD (3)
IA-X_20210929	↓	906	↓	1622	-29	-7	4045	4301	X														
AA_20210929	↓	909	↓	1209	-28	-14	3746	3400/1304	X														

200-60355 Chain of Custody

	Temperature (Fahrenheit)		
	Start	Interior	Ambient
	Stop		

	Pressure (inches of Hg)		
	Start	Interior	Ambient
	Stop		

Special Instructions/QC Requirements & Comments:
TO-15

Samples Shipped by: JOHN SULLIVAN	**Date / Time:** 9/29/21 1745	**Samples Received by:**	9-29-21 17:45
Samples Relinquished by:	**Date / Time:** 9-30-21 16:30	**Received by:** Carol Cruz	10/01/21 1100 EDT-BOX
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

ELMSFORD 272

10/11/2021

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-60355-1

Login Number: 60355
List Number: 1
Creator: Beane, John P

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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: New City

Report Number: 200-60355-1

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 10/1/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

During the canister pressure check performed upon receipt, it was observed that the following sample was received at an elevated residual vacuum level: AA_20210929. The associated flow controller was evaluated upon receipt and was found to be outside of the acceptable flow range as compared to the original set flow rate.

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 ORGANICS (AMBIENT AIR)
Samples IA-1_20210929 (200-60355-1), IA-X_20210929 (200-60355-2) and AA_20210929 (200-60355-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 10/08/2021.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

8/23/22

Appendix C
Data Summary Form I's
With Qualifications

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.27	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.20	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.37	J	0.50	0.12
106-97-8	n-Butane	58.12	0.25	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.13	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	2.9	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	2.7	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.18	J	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.096	J	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.45		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.058	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	~~U~~ UJ	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

8/23/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.72	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.76	J	1.0	0.25
106-97-8	n-Butane	58.12	0.59	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.76	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	7.0	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	6.7	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.70	J	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.31	J	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	1.7		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.39	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	~~U~~ UJ	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

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FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-1_20210929 Lab Sample ID: 200-60355-1

Matrix: Air Lab File ID: 47894-010.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:26

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 4 TIC Result Total: ~~17.2~~ 16.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	7.11	13	J	
	Unknown	8.49	1.9	J	
	Unknown	16.71	1.1	~~J~~ R	
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	18.85	1.2	J N	97%

* Column Bleed

for 8/23/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.26	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.16	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.34	J	0.50	0.12
106-97-8	n-Butane	58.12	0.23	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.14	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	3.2	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	2.8	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.18	J	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.21		0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.44		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	~~U~~ UJ	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

FORM I TO-15

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10/11/2021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1-20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.56	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.71	J	1.0	0.25
106-97-8	n-Butane	58.12	0.54	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.80	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	7.7	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	6.9	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	0.63	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.82		0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	1.6		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U UJ	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

for 8/23/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: IA-X_20210929 Lab Sample ID: 200-60355-2

Matrix: Air IA-1_20210929 Lab File ID: 47894-011.d

Analysis Method: TO-15 Date Collected: 09/29/2021 16:22

Sample wt/vol: 200(mL) Date Analyzed: 10/08/2021 17:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 5 TIC Result Total: ~~29.1~~ 17.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.34	1.0	J	
	Unknown	7.10	13	J	
79-20-9	Acetic acid, methyl ester	8.49	1.8	J N	90%
541-05-9	Cyclotrisiloxane, hexamethyl-	16.71	12	J N R	86%
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	18.86	1.3	J N	96%

* Column Bleed

8/23/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.23	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.17	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.40	J	0.50	0.12
106-97-8	n-Butane	58.12	0.35	J	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.17	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.029
67-64-1	Acetone	58.08	2.4	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.32	J	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.044		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.087	J	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.42	J	0.50	0.19
108-88-3	Toluene	92.14	0.25		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.33		0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U → UJ	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

8/23/22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.60	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.82	J	1.0	0.25
106-97-8	n-Butane	58.12	0.82	J	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	0.94	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.11
67-64-1	Acetone	58.08	5.7	J	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.95	J	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.28		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.28	J	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.7	J	2.0	0.78
108-88-3	Toluene	92.14	0.93		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	2.2		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	~~U~~ UJ	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-60355-1

SDG No.:

Client Sample ID: AA_20210929 Lab Sample ID: 200-60355-3

Matrix: Air Lab File ID: 47894-012.d

Analysis Method: TO-15 Date Collected: 09/29/2021 17:09

Sample wt/vol: 376(mL) Date Analyzed: 10/08/2021 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 172389 Units: ppb v/v

Number TICs Found: 2 TIC Result Total: ~~3.4~~ 1.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	7.13	1.6	J	
4	Unknown	10.83	1.8	J R	

4 Column Bleed

FORM I-TIC TO-15

10/11/2021

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
September 27, 2021, September 28, 2021, September 29, 2021,
June 23, 2022, and June 24, 2022
From New City
Collected by AKRF, Inc.
Project No. - 40217

SAMPLE DELIVERY GROUP NUMBERs:
460-244050-1 and 460-261101-1
by Eurofins TestAmerica Edison (ELAP #11452)

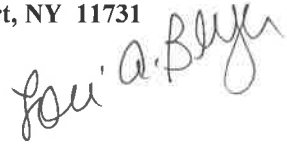
SUBMITTED TO:

Mr. Bryan Zieroff
AKRF, Inc.
34 South Broadway, Suite 401
White Plains, NY 10601

August 24, 2022

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

New City – Groundwater Sampling September 2021 and June 2022 Sampling Events
Data Usability Summary Report (Data Validation): Volatiles.

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Introduction:

A validation was performed on groundwater samples and the associated quality control samples (MS, MSD, Field Duplicates, Field Blanks and Trip Blanks) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins TestAmerica Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples listed below. The groundwater samples were collected on September 27, 2021, September 28, 2021, September 29, 2021, June 23, 2022, and June 24, 2022.

Groundwater results were submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of the Target Compound List (TCL) for Volatile Organics.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic Data Review and EPA Region II SOPs for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed and professional judgment, where applicable and relevant.

Sample ID	Lab ID	Matrix	Analysis	Date Collected/ Received
MW-2R_20210927	460-244050-1	Groundwater	Volatiles by 8260D	09/27/2021 09/30/2021
MW-X_20210927 [Field Duplicate of MW-2R_20210927]	460-244050-2	Groundwater	Volatiles by 8260D	09/27/2021 09/30/2021
MW-4_20210927	460-244050-3	Groundwater	Volatiles by 8260D	09/27/2021 09/30/2021
MW-6_20210929	460-244050-4	Groundwater	Volatiles by 8260D	09/29/2021 09/30/2021
MW-7_20210929 [Plus, MS/MSD]	460-244050-5	Groundwater	Volatiles by 8260D	09/29/2021 09/30/2021
MW-8_20210929	460-244050-6	Groundwater	Volatiles by 8260D	09/29/2021 09/30/2021
MW-14_20210928	460-244050-7	Groundwater	Volatiles by 8260D	09/28/2021 09/30/2021
MW-19_20210928	460-244050-8	Groundwater	Volatiles by 8260D	09/28/2021 09/30/2021
FB_20210929	460-244050-9	Aqueous	Volatiles by 8260D	09/28/2021 09/30/2021
TB_20210929	460-244050-10	Aqueous	Volatiles by 8260D	09/28/2021 09/30/2021
MW-2R_20220623	460-261101-1	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-4_20220623	460-261101-2	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-6_20220623	460-261101-3	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-7_20220624	460-261101-4	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-8_20220624	460-261101-5	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-11_20220624	460-261101-6	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-12_20220624	460-261101-7	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-13_20220624	460-261101-8	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-14_20220623	460-261101-9	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-18_20220623	460-261101-10	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022

MW-19_20220623 [Plus, MS/MSD]	460-261101-11	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-24_20220624	460-261101-12	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-25_20220623	460-261101-13	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-26_20220623	460-261101-14	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
MW-28_20220624	460-261101-15	Groundwater	Volatiles by 8260D	06/24/2022 06/28/2022
MW-X_20220623 [Field Duplicate of MW-14_20220623]	460-261101-16	Groundwater	Volatiles by 8260D	06/23/2022 06/28/2022
FB_20220623	460-261101-17	Aqueous	Volatiles by 8260D	06/23/2022 06/28/2022
TB_20220624	460-261101-18	Aqueous	Volatiles by 8260D	06/24/2022 06/28/2022

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 are 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 Qualified JK).

J- - The result is an estimated quantity, but the result may be biased low. (Equis Qualified JL).

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the samples were received at Eurofins TestAmerica via courier upon completion of sampling on September 28, 2021, and June 28, 2022. Sample login notes were generated. The cooler temperature for the sample receipt was recorded upon receipt and determined to be acceptable (<6.0 degrees C). The actual temperatures (3.7/2.9 degrees C) are recorded on the chain of custody documents. No problems and/or discrepancies were noted, consequently, the integrity of the samples has been 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. These Form I's results summarize 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 as noted within the following as noted 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.

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 preserved containers. pH as documented on the preparation logs were acceptable at pH <2. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract
specifications, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable limits for all 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.

Site specific MS/MSD analysis was performed on MW-7_20210929. MS/MSD was spiked with all analytes. Recovery values and RPD met acceptance criteria for all compounds except for Tetrachloroethene which recovered below limits in the MS (64%) and MSD (68%) due to high parent concentration (47 ug/L) relative to spike amount (20 ug/L). RPD was within laboratory limits for all analytes. Based on professional judgment, no qualifications were applied based on this MS/MSD data.

Additionally, MW-19_20220623 was also selected for MS/MSD analysis. Cis-1,2-Dichloroethene recovered below limits in the MS (34%) and MSD (3%) again due to high parent concentration (76 ug/L) relative to spike amount (20 ug/L). Tetrachloroethene also recovered below laboratory limits in the MS (53%) and MSD (18%) due to high parent (68 ug/L) relative to spike amount and Trichloroethene in the MSD (63%) due to high parent (26 ug/L) relative to spike amount. Based on professional judgment data was not qualified based on these outliers. Methyl Ethyl Ketone (2-Butanone) recovered above limits in the MS (131%) and MSD (135%). This target compound was not detected in the parent sample. Elevated recovery does not support any potential loss of detection and/or result bias. RPD met acceptance criteria (30%) for all spike compounds. No qualifiers were applied.

The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

1.4 Laboratory Control Sample/Laboratory Control Duplicate (LCS/LCSD)

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 Duplicates were analyzed for the analytical sequence. Recovery values and RPD met acceptance criteria except for Bromomethane (160%) in the LCS associated with samples collected in September 2021. No qualifiers were applied based on this outlier since Bromomethane was not detected in corresponding field samples.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip, equipment, 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/Equipment 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:

Method Blank Contamination:
No target analytes were detected in the method blanks.

Field Blank Contamination:
No target analytes were detected in FB_20210929. Methylene Chloride (0.68 ug/L) was detected in FB_20220623. This common laboratory contaminant was not detected in associated field samples. Results are not impacted.

Trip Blank Contamination:
No target analytes were detected in TB_20210929 or FB_20220624.

**** Acetone is a common lab contaminant. The end user should proceed with caution when making decisions based on common contaminants where the analyte could not be negated due to blank contamination; specifically, Acetone detection in MW-14_20210928 (11 ug/L).***

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 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. Initial calibration verification met acceptance criteria.

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." 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), Diuchlorodifluoromethane, 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 compounds.

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 20% criteria. Poor responders must be </= 40%. ICV must meet 30%. Acceptable ICV recovery values were obtained for all compounds.

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 (30%) and (40% for poor responders) for all reported compounds with exceptions noted below:

CCAL CVOAMS15 10/06/2021 – Bromomethane – 50.4%; "UJ" non-detects in samples collected in September 2021.

CCAL CVOAMS7 07/02/2022 – 1,1,2,2-Tetracloroethane – 20.4%; "UJ" non-detects in MW-12)20220624, MW-25_20220623, MW-26_20220623, MW-28_20220624, and MW-X_20220623.

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 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 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All samples were spiked with the internal standards TBA-d9, Fluorobenzene, 2-Butanone-d5, 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% where the concentration is greater than the reporting limit.

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 of 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 or duplicate sample

Field Duplicates were collected as follows:

MW-2R_20210927 = MW-X_20210927: Precision is acceptable for detected analytes cis-1,2-Dichloroethene (1.9 ug/L vs. 1.7 ug/L), Tetrachloroethene (34 ug/L vs 34 ug/L), and Trichloroethene (1.7 ug/L vs. 1.7 ug/L). No qualifiers are required.

MW-14_20220623 = MW-X_20220623: Precision is acceptable for detected analytes cis-1,2-Dichloroethene (2.8 ug/L vs. 2.9 ug/L), Tetrachloroethene (9.1 ug/L vs. 10 ug/L), trans-1,2-Dichloroetheen (0.63 ug/L vs 0.55 ug/L), and Trichloroethene (1.6 ug/L vs. 1.9 ug/L). No qualifiers are required.

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. All retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered 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.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed. Analysis is acceptable.

Reviewer's Signature Paul A. Bove **Date** 08/24/2022

Appendix A
Chain of Custody Documents
And Sample Receipt Checklist

ELMSFORD 272

Address: _____

Chain of Custody Record 471126

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	_____ of _____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: NEW CITY				Job / SDG No.: 244050
Site:				
PO # 20 40217				

5-Day RUSH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOC	Sample Specific Notes:
MW-2R-20210927	9/27/21	1410	G	GW				X	-1
MW-X-20210927	9/27/21	0000	G	GW				X	-2
MW-4-20210927	9/27/21	1445	G	GW				X	-3
MW-6-20210929	9/29/21	1255	G	GW				X	-4
MW-7-20210929	9/29/21	1050	G	GW				X	MS/MSD -5
MW-8-20210929	9/29/21	1520	G	GW				X	-6
MW-9			G	GW				(X)	
MW-14-20210928	9/28/21	1310	G	GW				X	-7
MW-19-20210928	9/28/21	1040	G	GW				X	-8
FB-20210929	9/29/21	1250						X	-9
TB-20210929	9/29/21	0000						X	TRIP BLANK -10

460-244050 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 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:

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

	Company	Date/Time		Company	Date/Time
Relinquished by:	AKRF	9/29/21 1715	Received by:	ETA	9/29/21 1745
Relinquished by:	ETA	9-30-21 1830	Received by:	TAL	9/30/21 1830
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Cooler 4.2/3.7 °C

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10/7/2021

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JOHN SUSCH	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-156911-101800.1
Client Contact: Mr. Bryan Zieroff	Phone:	E-Mail: Melissa.Haas@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 261101
Address: 34 South Broadway Suite 314	Due Date Requested:			
City: White Plains	TAT Requested (days): STANDARD			
State, Zip: NY, 10601	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2382(Tel)	PO #: 40217			
Email: bzieroff@akrf.com	WO #:			
Project Name: New City; #40217	Project #: 46009016			
Site: NEW CITY	SSOW#:			

460-261101 Chain of Custody

J - DI Water, K - EDTA, L - EDA, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

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)	8260D_LL - Standard Compound List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-2R	6/23/22	1600	G	Water			X		1
MW-4	6/23/22	1250		Water			X		2
MW-6	6/23/22	1150		Water			X		3
MW-7	6/24/22	0855		Water			X		4
MW-8	6/24/22	0900		Water			X		5
MW-11	6/24/22	1010		Water			X		6
MW-12	6/24/22	0930		Water			X		7
MW-13	6/24/22	1350		Water			X		8
MW-14	6/23/22	1215		Water			X		9
MW-18	6/23/22	1005		Water			X		10
MW-19	6/23/22	1450		Water			X		MS/MSD 11

Page 652 of 655

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/24/22 1505			6-24-22 15:05	ET
2		6/24/22 19:20			6/25/22 1900	FAS
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

2.8 / 2.9 IR/IR

Ver: 06/08/2021

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JOHN Sutton	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-156911-101800.2
Client Contact: Mr. Bryan Zieroff	Phone:	E-Mail: Melissa.Haas@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AKRF Inc	PWSID:			Job #: 26110 i
Address: 34 South Broadway Suite 314	Due Date Requested:			
City: White Plains	TAT Requested (days): 5) ANDREW			
State, Zip: NY, 10601	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2382(Tel)	PO #: 40217			
Email: bzieroff@akrf.com	WO #:			
Project Name: New City; #40217	Project #: 46009016			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, 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, Y - Trizma, Z - other (specify)
Other:

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)	8260D_LL - Standard Compound List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-24_20220624	6/24/22	1100	G	Water			X		12
MW-25_20220623	6/23/22	1440	↓	Water			X		13
MW-26_20220623	6/23/22	1130		Water			X		14
MW-28_20220624	6/24/22	1405	↓	Water			X		15
MW-X_20220623	6/23/22	[illegible]	G	Water			X		16
FB_20220623	6/23/22	1135	G	Water			X		17
TB_20220624	6/24/22	[illegible]		Water			X		18
				Water					19
				Water					20

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/24/22 1505	ET	[signature]	6-24-22 1505	ET
2	[signature]	6/28/22 19:30	ET	[signature]	6/28/22 0900	FAEN
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-244050-1

Login Number: 244050
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins TestAmerica, 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	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-261101-1

Login Number: 261101
List Number: 1
Creator: Meyers, Gary

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.	True	

Appendix B
Case Narratives

Client: AKRF Inc

Project: New City; #40217

Report Number: 460-244050-1

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 09/30/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 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) - (LOW LEVEL - LL)(TOTAL)
Samples MW-2R_20210927 (460-244050-1), MW-X_20210927 (460-244050-2), MW-4_20210927 (460-244050-3), MW-6_20210929 (460-244050-4), MW-7_20210929 (460-244050-5), MW-8_20210929 (460-244050-6), MW-14_20210928 (460-244050-7), MW-19_20210928 (460-244050-8), FB_20210929 (460-244050-9) and TB_20210929 (460-244050-10) were analyzed for Volatile Organic Compounds (GC/MS) - (Low Level - LL)(Total) in accordance with EPA SW-846 Method 8260D - Low Level (LL). The samples were analyzed on 10/06/2021.

The continuing calibration verification (CCV) analyzed in batch 460-805281 was outside the method criteria for the following analyte(s): Bromomethane (biased high) and Chloromethane (biased low). 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.

The laboratory control sample (LCS) for analytical batch 460-805281 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Tetrachloroethene failed the recovery criteria low for the MS of sample MW-7_20210929MS (460-244050-5) in batch 460-805281.

Tetrachloroethene failed the recovery criteria low for the MSD of sample MW-7_20210929MSD (460-244050-5) in batch 460-805281.

No other difficulties were encountered during the Volatiles analysis.

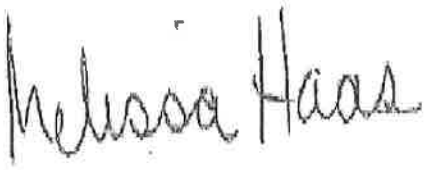
All other quality control parameters were within the acceptance limits.

8/21/22

Job Number: 460-244050-1

Job Description: New City; #40217

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.



Approved for release.
Melissa Haas
Senior Project Manager
10/7/2021 9:01 AM

Melissa Haas

CASE NARRATIVE

Client: AKRF Inc

Project: New City; #40217

Report Number: 460-261101-1

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 6/28/2022 7:00 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 2.9° C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS) - (LOW LEVEL - LL)(TOTAL)

Samples MW-2R_20220623 (460-261101-1), MW-4_20220623 (460-261101-2), MW-6_20220623 (460-261101-3), MW-7_20220624 (460-261101-4), MW-8_20220624 (460-261101-5), MW-11_20220624 (460-261101-6), MW-12_20220624 (460-261101-7), MW-13_20220624 (460-261101-8), MW-14_20220623 (460-261101-9), MW-18_20220623 (460-261101-10), MW-19_20220623 (460-261101-11), MW-24_20220624 (460-261101-12), MW-25_20220623 (460-261101-13), MW-26_20220623 (460-261101-14), MW-28_20220624 (460-261101-15), MW-X_20220623 (460-261101-16), FB_20220623 (460-261101-17) and TB_20220624 (460-261101-18) were analyzed for Volatile Organic Compounds (GC/MS) - (Low Level - LL)(Total) in accordance with EPA SW-846 Method 8260D - Low Level (LL). The samples were analyzed on 07/01/2022 and 07/02/2022.

The continuing calibration verification (CCV) analyzed in batch 460-853294 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Chloromethane. 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.

Cis-1,2-Dichloroethene and Tetrachloroethene failed the recovery criteria low for the MS of sample MW-19_20220623MS (460-261101-11) in batch 460-853230. Methyl Ethyl Ketone failed the recovery criteria high.

Cis-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene failed the recovery criteria low for the MSD of sample MW-19_20220623MSD (460-261101-11) in batch 460-853230. Methyl Ethyl Ketone failed the recovery criteria high.

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.

JGR 8/22/22

Job Number: 460-261101-1

Job Description: New City; #40217

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.

Warleny Infante

Approved for release.
Warleny M Infante
Project Management Assistant I
7/6/2022 7:23 AM

Designee for
Melissa Haas

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-2R_20210927 Lab Sample ID: 460-244050-1

Matrix: Water Lab File ID: T56448.D

Analysis Method: 8260D Date Collected: 09/27/2021 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:13

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	34		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-X_20210927 Lab Sample ID: 460-244050-2

Matrix: Water MW-2R_20210927 Lab File ID: T56449.D

Analysis Method: 8260D Date Collected: 09/27/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.7		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	34		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

JA 8/19/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-4_20210927 Lab Sample ID: 460-244050-3

Matrix: Water Lab File ID: T56450.D

Analysis Method: 8260D Date Collected: 09/27/2021 15:45

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 10:55

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	1.1		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	47		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-6_20210929 Lab Sample ID: 460-244050-4

Matrix: Water Lab File ID: T56451.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:55

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:17

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.4		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	38		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	2.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-7_20210929 Lab Sample ID: 460-244050-5

Matrix: Water Lab File ID: T56447.D

Analysis Method: 8260D Date Collected: 09/29/2021 10:20

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:52

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	7.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	47		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-8_20210929 Lab Sample ID: 460-244050-6

Matrix: Water Lab File ID: T56452.D

Analysis Method: 8260D Date Collected: 09/29/2021 15:25

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:38

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	55		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-14_20210928 Lab Sample ID: 460-244050-7

Matrix: Water Lab File ID: T56453.D

Analysis Method: 8260D Date Collected: 09/28/2021 13:10

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 11:59

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	11		5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	~~U~~ UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5		2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.67		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: MW-19_20210928 Lab Sample ID: 460-244050-8

Matrix: Water Lab File ID: T56454.D

Analysis Method: 8260D Date Collected: 09/28/2021 10:40

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 12:20

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	~~U~~ UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	65		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	99		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	20		0.50	0.31
75-01-4	Vinyl chloride	2.0		0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: FB_20210929 Lab Sample ID: 460-244050-9

Matrix: Water Lab File ID: T56445.D

Analysis Method: 8260D Date Collected: 09/29/2021 12:50

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:10

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244050-1

SDG No.:

Client Sample ID: TB_20210929 Lab Sample ID: 460-244050-10

Matrix: Water Lab File ID: T56446.D

Analysis Method: 8260D Date Collected: 09/29/2021 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2021 09:31

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 805281 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U → UJ	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-2R_20220623 | Lab Sample ID: 460-261101-1

Matrix: Water | Lab File ID: V21637.D

Analysis Method: 8260D | Date Collected: 06/23/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	1.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	48		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	2.6		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-2R_20220623 | Lab Sample ID: 460-261101-1

Matrix: Water | Lab File ID: V21637.D

Analysis Method: 8260D | Date Collected: 06/23/2022 16:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-4_20220623 | Lab Sample ID: 460-261101-2

Matrix: Water | Lab File ID: V21638.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	6.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.86		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	49		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-4_20220623 | Lab Sample ID: 460-261101-2

Matrix: Water | Lab File ID: V21638.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-6_20220623 | Lab Sample ID: 460-261101-3

Matrix: Water | Lab File ID: V21639.D

Analysis Method: 8260D | Date Collected: 06/23/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.1		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	42		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.3		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-6_20220623 | Lab Sample ID: 460-261101-3

Matrix: Water | Lab File ID: V21639.D

Analysis Method: 8260D | Date Collected: 06/23/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-7_20220624 | Lab Sample ID: 460-261101-4

Matrix: Water | Lab File ID: V21640.D

Analysis Method: 8260D | Date Collected: 06/24/2022 08:55

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	7.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	48		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	5.0		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-7_20220624 | Lab Sample ID: 460-261101-4

Matrix: Water | Lab File ID: V21640.D

Analysis Method: 8260D | Date Collected: 06/24/2022 08:55

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-8_20220624 | Lab Sample ID: 460-261101-5

Matrix: Water | Lab File ID: V21641.D

Analysis Method: 8260D | Date Collected: 06/24/2022 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	4.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	40		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.3		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-8_20220624 | Lab Sample ID: 460-261101-5

Matrix: Water | Lab File ID: V21641.D

Analysis Method: 8260D | Date Collected: 06/24/2022 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-11_20220624 | Lab Sample ID: 460-261101-6

Matrix: Water | Lab File ID: V21642.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	11		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	86		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	7.2		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-11_20220624 | Lab Sample ID: 460-261101-6

Matrix: Water | Lab File ID: V21642.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-12_20220624 | Lab Sample ID: 460-261101-7

Matrix: Water | Lab File ID: V21659.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U UJ	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	12		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	5.8		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	87		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	7.8		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

8/23/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-12_20220624 | Lab Sample ID: 460-261101-7

Matrix: Water | Lab File ID: V21659.D

Analysis Method: 8260D | Date Collected: 06/24/2022 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-13_20220624 | Lab Sample ID: 460-261101-8

Matrix: Water | Lab File ID: V21644.D

Analysis Method: 8260D | Date Collected: 06/24/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.58		0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	8.2		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	68		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.4		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-13_20220624 | Lab Sample ID: 460-261101-8

Matrix: Water | Lab File ID: V21644.D

Analysis Method: 8260D | Date Collected: 06/24/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 02:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-14_20220623 | Lab Sample ID: 460-261101-9

Matrix: Water | Lab File ID: V21645.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	9.1		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.63		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.6		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-14_20220623 | Lab Sample ID: 460-261101-9

Matrix: Water | Lab File ID: V21645.D

Analysis Method: 8260D | Date Collected: 06/23/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-18_20220623 | Lab Sample ID: 460-261101-10

Matrix: Water | Lab File ID: V21646.D

Analysis Method: 8260D | Date Collected: 06/23/2022 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.5		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	51		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.2		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-18_20220623 | Lab Sample ID: 460-261101-10

Matrix: Water | Lab File ID: V21646.D

Analysis Method: 8260D | Date Collected: 06/23/2022 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 | Lab Sample ID: 460-261101-11

Matrix: Water | Lab File ID: V21647.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	76		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	68		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	26		0.50	0.31
75-01-4	Vinyl chloride	3.1		0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-19_20220623 | Lab Sample ID: 460-261101-11

Matrix: Water | Lab File ID: V21647.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-24_20220624 | Lab Sample ID: 460-261101-12

Matrix: Water | Lab File ID: V21648.D

Analysis Method: 8260D | Date Collected: 06/24/2022 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	8.1		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	4.4		0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	55		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	4.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-24_20220624 | Lab Sample ID: 460-261101-12

Matrix: Water | Lab File ID: V21648.D

Analysis Method: 8260D | Date Collected: 06/24/2022 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-25_20220623 | Lab Sample ID: 460-261101-13

Matrix: Water | Lab File ID: V21660.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	11		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	32		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	5.7		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-25_20220623 | Lab Sample ID: 460-261101-13

Matrix: Water | Lab File ID: V21660.D

Analysis Method: 8260D | Date Collected: 06/23/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-26_20220623 | Lab Sample ID: 460-261101-14

Matrix: Water | Lab File ID: V21661.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U UJ	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

for 8/23/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-26_20220623 | Lab Sample ID: 460-261101-14

Matrix: Water | Lab File ID: V21661.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	115		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-28_20220624 | Lab Sample ID: 460-261101-15

Matrix: Water | Lab File ID: V21662.D

Analysis Method: 8260D | Date Collected: 06/24/2022 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.28
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	3.0		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	50		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	3.1		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-28_20220624 | Lab Sample ID: 460-261101-15

Matrix: Water | Lab File ID: V21662.D

Analysis Method: 8260D | Date Collected: 06/24/2022 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-X_20220623 | Lab Sample ID: 460-261101-16

Matrix: Water MW-14-20220623 | Lab File ID: V21663.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	2.9		0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	10		0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.55		0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	1.9		0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: MW-X_20220623 | Lab Sample ID: 460-261101-16

Matrix: Water MW-14_20220623 | Lab File ID: V21663.D

Analysis Method: 8260D | Date Collected: 06/23/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

FORM I 8260D

for 8/20/22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: FB_20220623 | Lab Sample ID: 460-261101-17

Matrix: Water | Lab File ID: V21636.D

Analysis Method: 8260D | Date Collected: 06/23/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.68		0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: FB_20220623 | Lab Sample ID: 460-261101-17

Matrix: Water | Lab File ID: V21636.D

Analysis Method: 8260D | Date Collected: 06/23/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 07/02/2022 00:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: TB_20220624 | Lab Sample ID: 460-261101-18

Matrix: Water | Lab File ID: V21635.D

Analysis Method: 8260D | Date Collected: 06/24/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 23:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.37
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.20
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.26
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.26
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.43
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.35
591-78-6	2-Hexanone	2.5	U	2.5	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.50	U	0.50	0.20
75-27-4	Bromodichloromethane	0.50	U	0.50	0.34
75-25-2	Bromoform	0.50	U	0.50	0.54
74-83-9	Bromomethane	0.50	U	0.50	0.55
75-15-0	Carbon disulfide	0.50	U	0.50	0.82
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.21
108-90-7	Chlorobenzene	0.50	U	0.50	0.38
75-00-3	Chloroethane	0.50	U	0.50	0.32
67-66-3	Chloroform	0.50	U	0.50	0.33
74-87-3	Chloromethane	0.50	U	0.50	0.40
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.22
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.22
124-48-1	Dibromochloromethane	0.50	U	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	0.50	0.30
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	1.9
108-10-1	methyl isobutyl ketone	2.5	U	2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.22
75-09-2	Methylene Chloride	0.50	U	0.50	0.32
100-42-5	Styrene	0.50	U	0.50	0.42
127-18-4	Tetrachloroethene	0.50	U	0.50	0.25
108-88-3	Toluene	0.50	U	0.50	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.24
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-01-6	Trichloroethene	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	0.50	U	0.50	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-261101-1

SDG No.:

Client Sample ID: TB_20220624 | Lab Sample ID: 460-261101-18

Matrix: Water | Lab File ID: V21635.D

Analysis Method: 8260D | Date Collected: 06/24/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/01/2022 23:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 853230 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	1.0	U	1.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

APPENDIX C

PURGED GROUNDWATER DISPOSAL DOCUMENTATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

August 4, 2022

Sent via e-mail, no hard copy to follow

Mr. Bryan Zieroff, CPG, LEP
Technical Director
AKRF
Environmental and Planning Consultants
34 South Broadway, Suite 314
White Plains, NY 10601

Re: Contained-In Determination
New City Plaza, 2-88 North Main Street, New City, New York
NYSDEC Site No. C344065

Dear Mr. Zieroff:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your letter dated July 28, 2022, requesting a “contained-in” determination for IDWs currently stored at the site were generated during the quarterly monitoring program over the last two semi-annual sampling events.

Evaluation

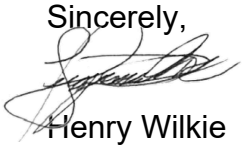
Concentrations (Lab Sample ID: 460-244050-1, 460-244050-2, 460-244050-3, 460-244050-4, 460-244050-5, 460-244050-6, 460-244050-7, 460-244050-8, 460-244050-9, 460-261101-1, 460-261101-2, 460-261101-3, 460-261101-4, 460-261101-5, 460-261101-6, 460-261101-8, 460-261101-9, 460-261101-10, 460-261101-11, 460-261101-12, 460-261101-13, 460-261101-14, 460-261101-15, 460-261101-16 and 460-261101-17) detected for individual VOCs were all significantly less than their current “contained-in” groundwater action levels, and Land Disposal Restriction (LDR) concentrations.

IDW water (well development water, purge water, well sampling and decon water) generated during the quarterly monitoring program over the last two semi-annual sampling events, met "contained-in" groundwater action levels and Land Disposal Restriction concentrations. Concentrations for cis-1,2-dichloroethene, trichloroethene and tetrachloroethene were below their "contained-in" groundwater action levels and Land Disposal Restriction concentrations. Therefore, one (12) 55-gallon drum, containing water generated during the quarterly monitoring program over the last two semi-annual sampling events at the referenced project, does not have to be managed

as hazardous waste and can be transported off-site to Veolia ES Technical Solutions LLC, of Flanders, New Jersey for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,



Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

ec: K. Thompson, DEC
R. Savarie, DEC

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYCESQG	1	631-608-8810	1855-2022

GENERATOR

5. Generator's Name and Mailing Address
Newtown Associates, LLC.
288 North Main Street
New City NY 10956
Generator's Phone: 212 672-1500

Generator's Site Address (if different than mailing address)
30 North Main St
New City, NY 10956

6. Transporter 1 Company Name
Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
Veolia ES Technical Solutions, LLC
U.S. EPA ID Number: NYD080631369

8. Designated Facility Name and Site Address
Veolia ES Technical Solutions, LLC
1 Eden Lane
Flanders NJ 07836
Facility's Phone: 973 347-1909
U.S. EPA ID Number: NJD980536593

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT regulated waste, liquid	001	DM	00055	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Groundwater with low level solvents. 1 x 55 gallon DM WIP# 436894

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: JOHN SULECH (AS AGENT FOR KAMBER) | Signature | Month: 8 | Day: 9 | Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David Kennedy | Signature | Month: 8 | Day: 9 | Year: 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

APPENDIX D

INSTITUTIONAL 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. C344065

Site Name New City Plaza f/k/a Newton Place Shopping Center

Site Address: 44 North Main Street Zip Code: 10956
City/Town: New City
County: Rockland
Site Acreage: 1.139

Reporting Period: March 22, 2020 to June 30, 2022

	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? 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.

	YES	NO
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. C344065 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
43.15-1-22	Newton Associates, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

Site use must be maintained as Commercial or Industrial;

Prohibition of groundwater use without treatment;

Compliance with Site Management Plan which includes a Soil Management Plan, an EC/IC Plan, a Monitoring Plan, and an O&M Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
43.15-1-22	Vapor Mitigation Cover System

A Site Cover System consisting of the pre-existing concrete floor slab for the entire plaza building footprint within the Site, an asphalt paved parking lot with underlying aggregate sub-base, and one foot of soil in the landscaped area which meets the applicable Soil Cleanup Objectives;

Six Sub-slab depressurization systems (SSDSs) consisting of five on-site and one immediately adjacent to the site within the same Shopping Plaza building.

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. C344065

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 Peter Levy (print name) at 551 Fifth Avenue, Suite 2200, New York, NY 10176 (print business address),

am certifying as Owner (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

9/6/22
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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 Bryan Zieroff, CPG, LEP at AKRF, Inc., 34 South Broadway, White Plains, NY,
print name print business address

am certifying as a Qualified Environmental Professional for the Newton Associates
(Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
	NA	9/6/22