90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

PERIODIC REVIEW REPORT
JANUARY 31, 2024 THROUGH JANUARY 31, 2026

NYSDEC VCP Number: V00253

Prepared for:

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For Submittal to:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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MAY 2026

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LIST OF ACRONYMS

Acronym	Definition
AGC	Annual Guidance Concentration
AS	Air sparging
ASP	Analytical Services Protocol
CLP	Contract Laboratory Protocol
CMP	Corrective Measures Plan
CMR	Corrective Measures Report
DUSR	Data Usability Summary Report
ECs	Engineering Controls
FER	Final Engineering Report
FPM	FPM Group, Ltd.
HASP	Health and Safety Plan
ICs	Institutional Controls
ISCO	In-Situ Chemical Oxidant
MS/MSD	Matrix spike/matrix spike duplicate
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM&M	Operation, Monitoring and Maintenance
PCE	Tetrachloroethene
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
scfm	standard cubic feet per minute
SGC	Short-Term Guidance Concentration
Standards	NYSDEC Class GA Ambient Water Quality Standards
SVE	Soil vapor extraction
SVI	Soil vapor intrusion
ug/l	micrograms per liter
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound

SECTION 1.0
INTRODUCTION AND SITE OVERVIEW

1.1 Introduction

This Periodic Review Report (PRR) was prepared to document operation, monitoring and maintenance (OM&M) activities at 90-30 Metropolitan Avenue, Rego Park, Queens, New York (Site) conducted between January 31, 2024 and January 31, 2026 under the New York State (NYS) Voluntary Cleanup Program (VCP) administered by the New York State Department of Environmental Conservation (NYSDEC). The Site is being remediated in accordance with the Voluntary Cleanup Agreement (VCA) Index # D2-0001-04-02, Site V00253-2, which was issued on June 4, 2002. The remedial activities were documented in the November 2009 Final Engineering Report, which the NYSDEC approved on November 13, 2009. A copy of this approval and pertinent correspondence during the reporting period is included in Appendix A. The approved FER included an Operation, Monitoring and Maintenance Plan under which the ongoing activities are conducted by FPM Group (FPM) on behalf of the Site owner. A corrective measure was also implemented in substantial conformance to FPM's approved work plan during the remedial action and consisted of the injection of an in-situ chemical oxidant to reduce site-related COC's. The OM&M Plan was updated at the request of the NYSDEC and approved in March 2025 and included new procedures for the implementation of low flow sampling procedures and management of purge water waste. The resumes of the environmental professionals implementing the OM&M Plan on behalf of the Site owners are included in Appendix B.

1.2 Executive Summary

The findings in this PRR are summarized as follows:

- Groundwater impacted with tetrachloroethene (PCE) is present onsite (main site plume) and is also migrating onsite from an offsite source.
- Engineering and Institutional Controls (ECs/ICs) are present, including the AS/SVE remediation system (EC), and a Deed Restriction (IC), a copy of which is included in Appendix A. This IC is in full force and effect. The remediation system (EC) remains offline and a corrective action consisting of the injection of an in-situ chemical oxidant (PersulfOx™) was conducted in December 2020 in accordance with a NYSDEC approved corrective measure work plan as the EC was no longer effective and mitigation for potential SVI was no longer required.
- Based upon the analytical testing performed following the ISCO injection the corrective action appears to have provided improvement at the site as the plume

continues to generally decrease in size and concentration, continued monitoring is recommended.

- Groundwater monitoring has been conducted during the reporting period in substantial conformance with the approved OM&M Plan.

➢ Effectiveness of Remedial Program

- The remedial program for the main site plume was effective, as evidenced by an improvement in groundwater conditions during the reporting period relative to conditions prior to the start of remediation and implementation of the corrective measure. The main site plume remains present primarily in the shallow and intermediate levels, with the center of the plume located beneath the southwestern portion of the onsite building, primarily at the intermediate level.
- A corrective measure was conducted in December 2020 utilizing an in-situ chemical oxidant and subsequent monitoring has shown improvement in groundwater conditions. Although the levels of PCE in the main site plume have been significantly reduced since the remedy was implemented, concentrations above Standards remain present and the plume is expected to continue to decrease in size and degrade over time as shown by the groundwater monitoring data.

➢ Recommendations

Based on the current Site conditions, FPM recommends the following:

- Groundwater monitoring will be conducted quarterly for the next reporting period and continue to include shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113 to monitor groundwater conditions.
- Continued periodic review reporting at a frequency of 2 years.

1.3 Site Overview

Titan Management LP entered into a VCA with the NYSDEC in June 2002 and DPSW Forest Hills LLC became a co-Volunteer in May 2005 for a 1.87-acre property located at 90-30 Metropolitan Avenue in Rego Park, Queens, New York (Site). The Site boundary is shown in Figure 1.3.1. The VCA required the co-Volunteers to investigate and remediate contaminated media at the Site. On September 1, 2011 Forest Hills LLC sold the Site to Equity One

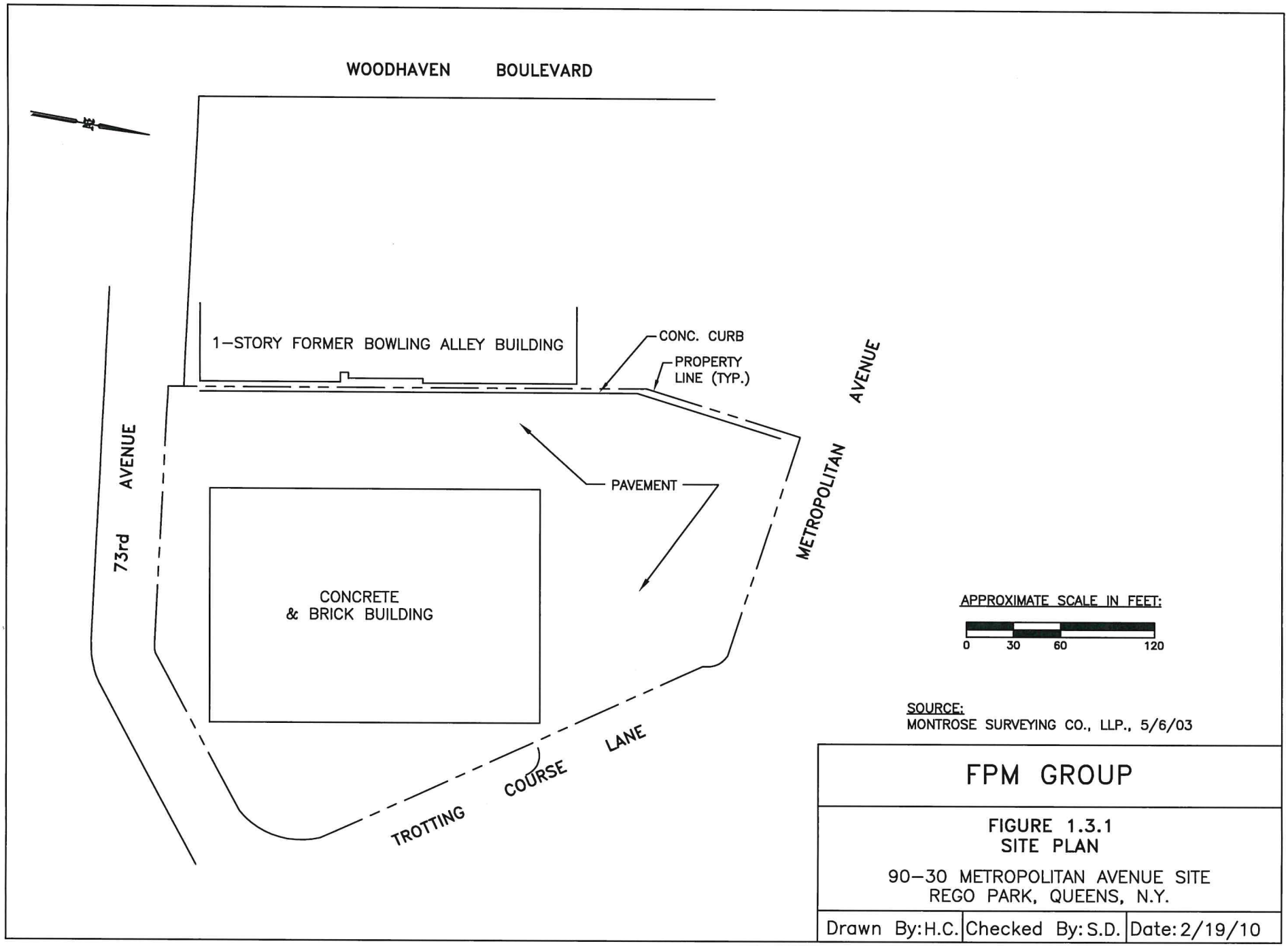

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FIGURE 1.3.1
SITE PLAN

90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: H.C.	Checked By: S.D.	Date: 2/19/10

I:\Mark Holdings\DPSW\Forest Hills\Metropolitan Ave\OM and M\Figure 1.3.1.dwg, 2/27/2023 11:27:01 AM, Copystar Color.pc3

(Metropolitan) LLC. In April 2017 Regency Centers purchased the assets of Equity One (Metropolitan) LLC.

The Site was initially developed for commercial purposes in 1951 and was operated as a pharmaceutical distribution warehouse by Foremost-McKesson, Inc. until 1976. Between 1977 and 1988 the property was owned by Heidelberg Eastern, Inc., which manufactured and distributed printing presses and parts. The Site was used primarily for administration, equipment repair, and warehousing. In late 1988 the New York City Industrial Development Agency took title to the property, although Heidelberg Eastern continued to operate at the Site. In 1993 Heidelberg Eastern became EAC USA. The Site building became vacant at about that time and remained vacant until 2007 when it was redeveloped for commercial (retail) use. Redevelopment activities began in 2006 and were completed in 2007. PCE was first detected in the groundwater beneath the Site in December 1992. Subsequent investigations were performed to further characterize the PCE-impacted groundwater and have shown that the PCE is present in two plumes: the main site plume, which is present beneath the southern portion of the Site building and extends to the south, and the western bowling alley plume, which extends onto the western portion of the Site from an offsite source. No significant concentrations of PCE in onsite soil suggestive of a source were ever identified by any of the investigations. PCE was present in sub-slab soil vapors at levels for which monitoring and/or mitigation was indicated. PCE was not detected in the indoor air. Each of these media were addressed as part of the remedial action.

As part of the remedial action, an EC consisting of an AS/SVE system with 24 AS wells and seven SVE wells was installed at the Site to remediate the PCE-impacted groundwater. The AS/SVE system was placed into operation in August 2007 and was generally operated continuously, except when it was down for maintenance and repair. The portion of the system installed to address the western bowling alley plume was shut down on January 6, 2010, in accordance with Section 2.2.2 of the NYSDEC-approved OM&M Plan and with written notification to the NYSDEC on January 8, 2010. Operation of the EC was continued until January 2019 when it was found offline due to mechanical issues. An assessment of the EC at this time found that it was no longer effective at improving groundwater conditions and corrective action was implemented to further address remaining impacts to groundwater.

The Site IC is a Deed Restriction which requires implementation of the required IC and EC, limitation of Site usage to commercial or industrial use, and restriction of groundwater use. This IC (copy in Appendix A) was recorded on September 11, 2009; the Site has been in compliance with the terms of the IC throughout the reporting period.

1.4 Evaluation of Remedy Performance, Effectiveness and Protectiveness

The remedy has been implemented in compliance with the submitted work plans and associated NYSDEC correspondence and continues to be managed in general compliance with the approved OM&M Plan.

The AS/SVE system at the Site was operated and monitored in general compliance with the OM&M Plan while in operation. The AS/SVE system was effective and protective in that it reduced PCE concentrations in groundwater in the main site plume and protected the public from residual sub-slab soil vapor. Groundwater monitoring demonstrates that groundwater concentrations within the main site plume improved significantly since the AS/SVE remedial system was placed into operational. A corrective action consisting of the injection of an in-situ chemical oxidant (ISCO) pilot test of Persulfox™ was initiated in December 2020 in accordance with a NYSDEC-approved work plan. Post ISCO monitoring continues to show a reduction in the main plume size and concentration since implementation of the corrective action and is further discussed in Section 3.2.2.

SECTION 2.0
ENGINEERING AND INSTITUTIONAL CONTROLS COMPLIANCE

Investigation activities for Site soil, groundwater and soil vapor have been completed. No soil contamination in excess of applicable NYSDEC guidance has been identified onsite. Groundwater with PCE concentrations in excess of the NYSDEC Class GA Ambient Water Quality Standard (Standard) is present onsite. PCE was also present in sub-slab soil vapor prior to the start of remediation at levels for which monitoring and/or mitigation was indicated. The EC (AS/SVE system) was completed and placed into service in August 2007 to remediate groundwater and provide for sub-slab depressurization. The IC (Deed Restriction) was recorded on September 11, 2009 and a copy can be found in Appendix A. The EC and IC implemented at the Site are summarized as follows:

- The EC consisted of an AS/SVE remediation system to remediate PCE-impacted groundwater and to act as a sub-slab depressurization system to prevent potential exposure to sub-slab soil vapor. This system has been offline since January 2019 when the system became inoperable and reached its useful life. SVI testing was performed in 2019 and 2021 when the system became inoperable, this testing determined that mitigation was no longer necessary;
- A corrective measures work plan was developed for an ISCO pilot test and was implemented in December 2020. Monitoring of the groundwater for the main site plume since this time has generally shown a reduction in the size and concentration of the main site groundwater plume and is further discussed below; and
- The IC is a Deed Restriction.

Monitoring of the EC and IC was performed during the reporting period and the results are documented below. Certification of the IC and EC is presented at the end of this section.

2.1 Engineering Control Component

An AS/SVE system is installed beneath the southern portion of the concrete slab of the building, in the landscaped area along the southern side of the Site, and in the central parking area located along the western side of the building. The system has been operated to remediate onsite PCE-impacted groundwater in the main site plume and to provide for sub-slab depressurization beneath the Site building. This system consisted of 24 AS wells and seven SVE wells, as shown on Figure 2.1.1. Three of the SVE wells were constructed with shallow-screened intervals to provide for sub-slab depressurization to prevent potential soil vapor intrusion into the Site - building. Three of the AS wells and one SVE well were installed on the western side of the Site

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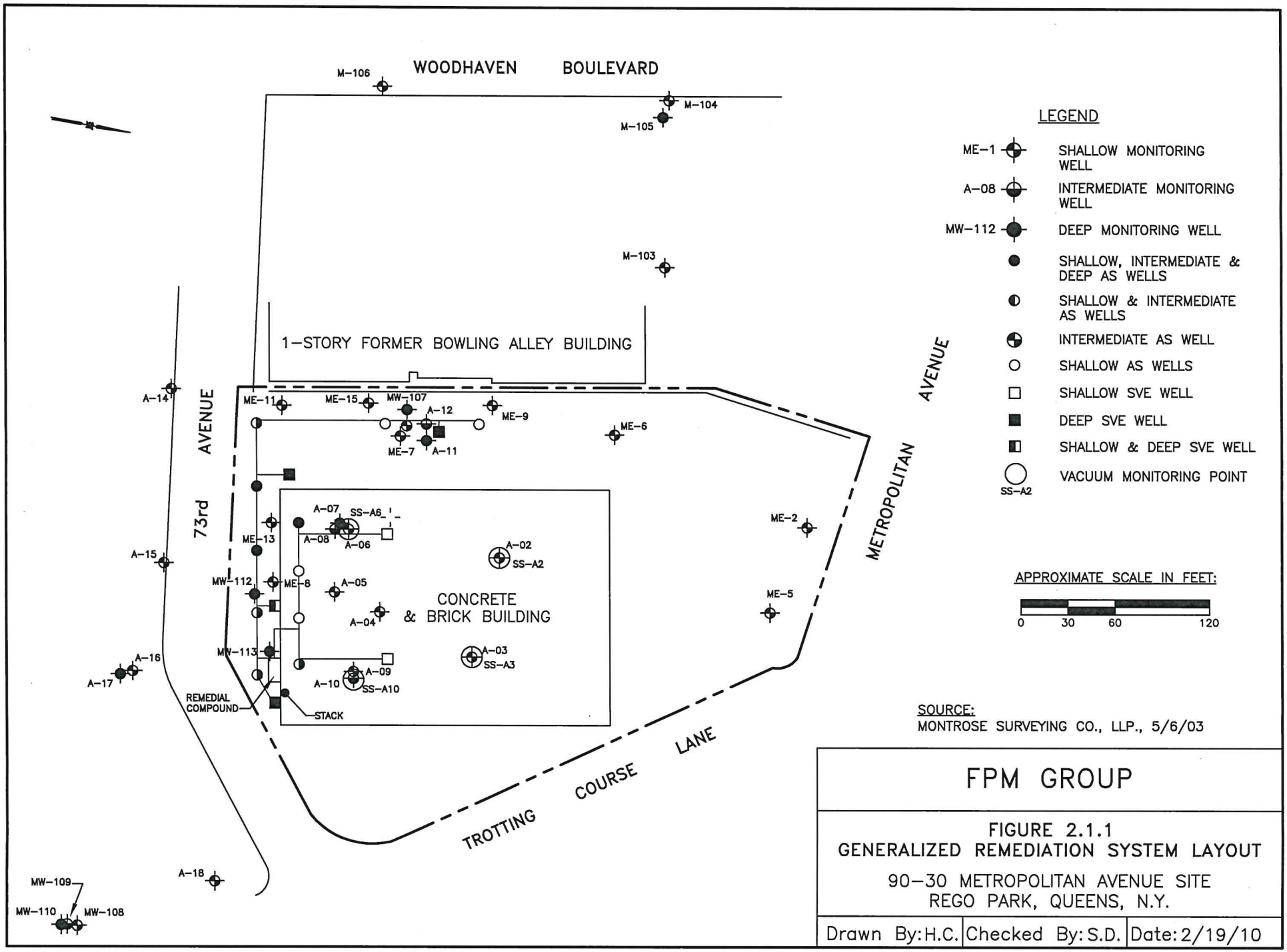

SOURCE:
MONTROSE SURVEYING CO., LLP., 5/6/03

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FIGURE 2.1.1
GENERALIZED REMEDIATION SYSTEM LAYOUT

90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: H.C.	Checked By: S.D.	Date: 2/19/10

to remediate PCE impacted groundwater associated with the western plume. The remaining AS/SVE wells were installed to remediate PCE-impacted groundwater associated with the main site plume.

In accordance with Section 2.2.2 of the NYSDEC-approved OM&M Plan for this Site, "if the PCE concentrations are not below NYSDEC Standards, are not asymptotic, or do not remain below NYSDEC Standards or at asymptotic levels following shutdown of the AS/SVE system and the system has operated for two years, then the operation of the system treating the western bowling alley plume will be terminated by the Volunteer." As the Volunteer had operated the AS/SVE system for over two years, the Volunteer terminated the portion of the AS/SVE system treating the western bowling alley plume (two shallow and one intermediate AS wells and one deep SVE well on the western side of the Site) on January 6, 2010. The NYSDEC was notified of this termination in a January 8, 2010 correspondence.

The portion of the AS/SVE system treating the main site plume remained in operation until February 2019 when it was found to be in a state of disrepair. As the AS/SVE system has reached its limits of effectiveness, it was recommended that the AS/SVE system remain offline. A corrective measures work plan was subsequently developed for an ISCO pilot test and approved by the NYSDEC in January 2020 and was implemented in December 2020. Monitoring of the groundwater for the main site plume since this time has shown a reduction in the size and concentration of the main site groundwater plume and is further discussed in section 3.2.

2.2 Institutional Control Component

The IC for the Site is a deed restriction, which was recorded on September 11, 2009. A copy is included in Appendix A. The provisions of this IC are:

- The Site Owner shall continue in full force and effect any engineering and institutional controls required and maintain such controls unless the Owner first obtains permission to discontinue such controls from the NYSDEC;
- The deed restriction shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Site, and shall provide that the Owner and its successors and assigns consent to enforcement by the NYSDEC of the prohibitions and restrictions contained therein and covenant not to contest the authority of the NYSDEC to seek enforcement;

- Any deed of conveyance of the Site, or any portion thereof, shall recite, unless the NYSDEC has consented to the termination of such covenants and restrictions, that said conveyance is subject to this deed restriction;
- Use of groundwater underlying the Site will be prohibited without treatment rendering it safe for the intended purpose; and
- The Site may be used for commercial or industrial use only unless an express written waiver of this restriction is provided by the NYSDEC.

Adherence to these provisions of the IC is required in accordance with the approved FER. The Site has remained in substantial compliance with the provisions of the deed restriction throughout the reporting period, except as discussed above.

2.3 EC/IC Certification

The EC/IC Certification Form provided by the NYSDEC has been completed in accordance with the associated certification instructions and is included in Appendix C. As discussed above, the EC is presently offline and a corrective action was developed and implemented to help further reduce main site plume concentrations.

SECTION 3.0
MONITORING PLAN COMPLIANCE

The monitoring plan for the Site includes measures for evaluating the performance and effectiveness of the implemented EC (AS/SVE system) in remediating PCE-impacted groundwater. Monitoring of the EC is performed by evaluating the performance of the AS/SVE system, while it was in operation and by conducting groundwater monitoring.

3.1 AS/SVE System Monitoring

The AS/SVE system has been offline since early 2019 when it was determined that the system had reached its useful life and was no longer effective at remediating groundwater nor was it necessary to prevent potential SVI. No monitoring of the AS/SVE System was conducted during the reporting period.

3.2 Groundwater Monitoring System Components

The network of groundwater monitoring wells is designed to monitor both upgradient and downgradient groundwater conditions at the Site. The wells were monitored for VOCs on a quarterly basis during the reporting period. The network of wells is situated across the Site and includes the areas of the main site plume, the western bowling alley plume, upgradient groundwater, and downgradient groundwater. These wells are installed into the water table aquifer at three different intervals: shallow (0 to 10 feet below the water table), intermediate (30 to 40 feet below the water table), and deep (65 to 80 feet below the water table). The current status of the monitoring well network is summarized in Table 3.2.1 and shown on Figure 3.2.1.

3.2.1 Summary of Groundwater Monitoring Program

The procedures and results for all of the monitoring events conducted during the reporting period are summarized herein and were conducted in accordance with an approved OM&M Plan. The OM&M plan was during the reporting period in accordance with discussions with the NYSDEC project manager and implemented in 2025 to include low flow sampling procedures and purge water management.

The depth-to-groundwater information from the May 2024 sampling event was utilized to evaluate the groundwater flow direction at the Site during the reporting period. The groundwater was noted to be generally consistent with a southerly groundwater flow as documented in previous reports for the Site. Depth to groundwater was noted to range from 40.11 to 42.53 feet below grade

TABLE 3.2.1
MONITORING WELL NETWORK
90-30 METROPOLITAN AVENUE
REGO PARK, NEW YORK

Well Number	Total Depth (feet)	Top of Casing Elevation (feet)
Shallow Wells		
ME-8	55.00	59.60
ME-13	55.15	59.60
A-02	58.75	61.45
A-05	57.60	61.54
A-06	59.80	61.59
A-09	58.75	61.29
A-15	52.60	59.46
Intermediate Wells		
A-08	84.35	61.53
A-10	85.1	61.16
Deep Wells		
A-07	115	61.28
MW-113	131	59.71

All groundwater monitoring procedures for each monitoring event during the reporting period were in accordance with an approved OM&M Plan and were recorded in a field book and on groundwater sampling logs. Copies of the completed sampling logs for the reporting period are included in Appendix E. At each well to be sampled, the depth to the static water level and the depth of the well were measured using an interface probe. A decontaminated low-flow submersible pump was then used to purge each monitoring well of three to five purge volumes during the 2024 reporting period. After discussions with the NYSDEC project manager US EPA low flow sampling techniques were employed in 2025. During purging, field parameters including pH, turbidity, specific conductivity, dissolved oxygen, redox, and/or temperature, were monitored. It is noted that containerization of purge water was also initiated in late 2025 at the NYSDECs request. A "contained-in determination" has been submitted to determine the classification of the generated purge water waste. The OM & M plan was updated in 2025 to reflect these changes to the monitoring program.

Following stabilization of field parameters sampling was performed. The groundwater sampling matrix provided in the OM&M Plan was followed with respect to the types of sample containers, preservatives, and handling, the analyses to be performed, and the laboratory deliverables. Appropriate quality assurance/quality control (QA/QC) samples, including a trip blanks, field blank, field duplicate, and matrix spike/matrix spike duplicate (MS/MSD) samples, were collected and analyzed during each monitoring event in accordance with the site-specific Quality Assurance Project Plan (QAPP).

All groundwater and QA/QC samples collected were analyzed by NYSDOH-certified labs using the most recent NYSDEC Analytical Services Protocol (ASP). Analytical data were provided in complete ASP Category B data packages. A data usability summary report (DUSR) was also prepared for each laboratory package. The DUSRs are included in Appendix G.

3.2.2 Groundwater Monitoring Results and Comparison with Remedial Objectives

The data collected during the reporting period for the wells associated with the main site plume are summarized in Tables 3.2.2.1 through 3.2.2.3 together with the data from previous sampling events for comparison purposes. The data are evaluated with respect to the NYSDEC Standards; exceedances of the NYSDEC Standards are highlighted. Iso-concentration maps of the distribution of PCE in groundwater in May 2024, and April 2025 are shown in Figures 3.2.2.1 through 3.2.2.6. Graphs depicting the changes in PCE concentrations in key Site monitoring wells throughout the reporting period are shown in Figures 3.2.2.7 through 3.2.2.9.

The following observations were noted with respect to the main site plume:

- PCE remains present in the shallow wells, with the center of the plume located beneath the onsite building (in proximity to A-06), and extending to the south and east, as shown on Figure 3.2.2.1 and 3.2.2.4. The concentrations in the shallow wells have generally decreased following implementation of the ISCO Pilot Test. Wells A-05, A-06, A-02, A-09, A-15, ME -08 and ME-13 were generally noted to continue to be above Standards but decreased in concentration over the reporting period;
- PCE also remains present in the intermediate-level wells, with the center of this portion of the plume also beneath the southwest corner of the onsite building and has shown a decrease in concentration from 490 ug/l in May 2024 to 300 ug/l in October 2025 in A-08, these observed concentrations are below historic observations for this location. At well A-10 PCE concentrations continue to remain low and have shown some fluctuating over the reporting period, PCE continue to remain above Standards at a generally low concentration; and
- PCE was noted to be present in sampled deep wells at generally low concentrations with some variations during the reporting period.

In summary, the main site plume remains present primarily in the shallow and intermediate levels, with the center of the plume located beneath the southwestern portion of the onsite building and is continuing to decrease in size and concentration with some variations.

Upgradient monitoring well A-02 continues to have low detections of PCE at concentrations above Standards indicating that offsite sources continue to migrate onsite.

3.3 Groundwater Monitoring Deficiencies

No deficiencies were noted during the reporting period, monitoring was conducted in accordance with the approved monitoring plan and subsequent modifications.

3.4 Groundwater Monitoring Conclusions

The groundwater monitoring results for the reporting period show that the main site plume remains present primarily in the shallow and intermediate levels, with the center of the plume located beneath the southwestern portion of the onsite building. The PCE plume continues to decrease in size and concentrations relative to pre-remediation conditions.

Groundwater monitoring will be conducted on a quarterly frequency during the reporting period with shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113.

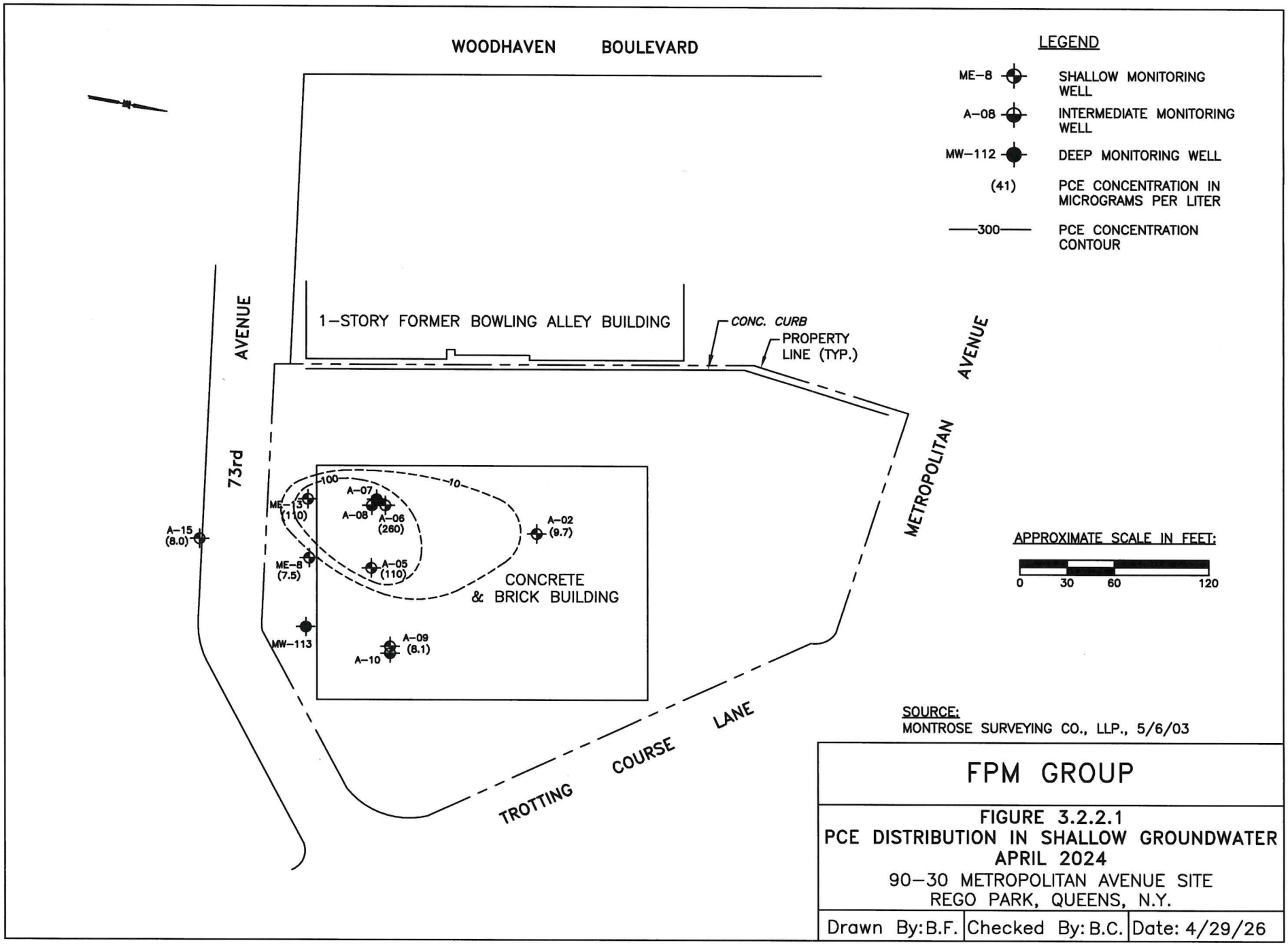

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FIGURE 3.2.2.1
PCE DISTRIBUTION IN SHALLOW GROUNDWATER
APRIL 2024
90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 4/29/26

H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.1 APRIL 2024.dwg, 4/29/2026 12:54:02 PM, \\LISA19.fpm-group.com\Kyocera TASKalfa 3554ci KX

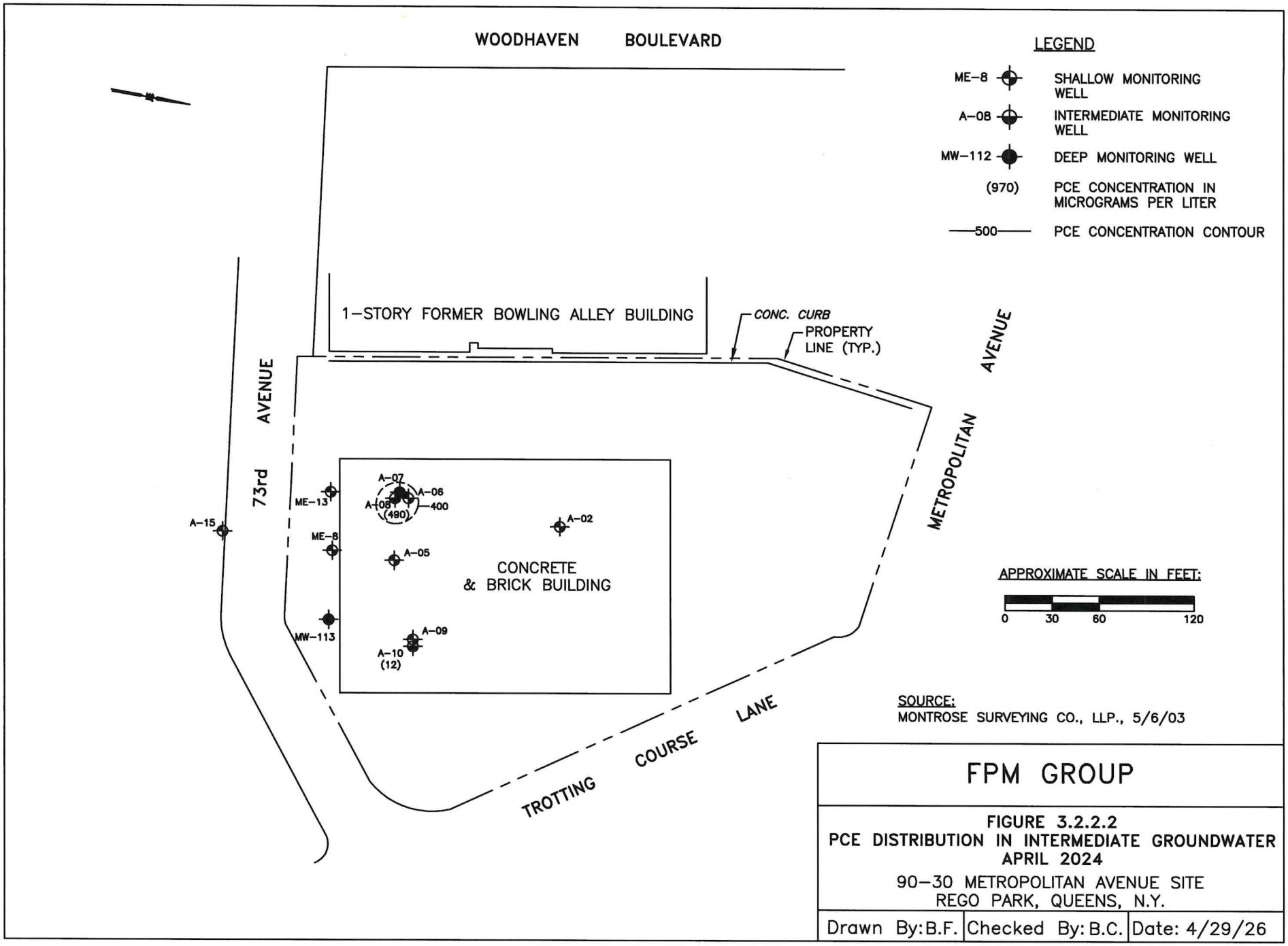

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FIGURE 3.2.2.2
PCE DISTRIBUTION IN INTERMEDIATE GROUNDWATER
APRIL 2024

90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 4/29/26

H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.2 APRIL 2024.dwg, 4/29/2026 12:11:31 PM, \\LISA19.fpm-group.com\Kyocera TASKalfa 3554ci KX

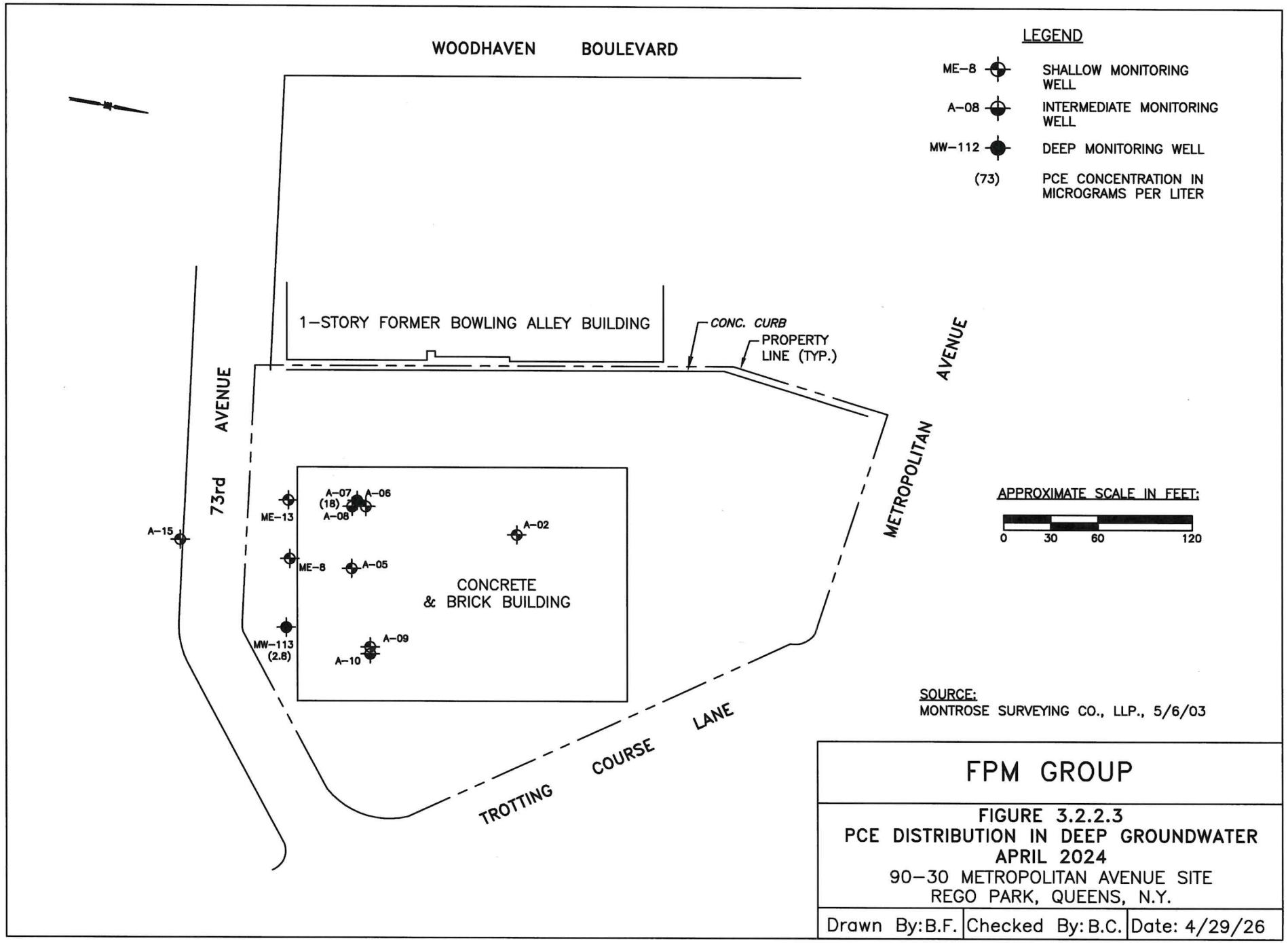

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FIGURE 3.2.2.3
PCE DISTRIBUTION IN DEEP GROUNDWATER
APRIL 2024
90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 4/29/26

H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.3 APRIL 2024.dwg, 4/29/2026 12:12:10 PM, \\LISA19.fpm-group.com\Kyocera TASKalfa 3554ci KX

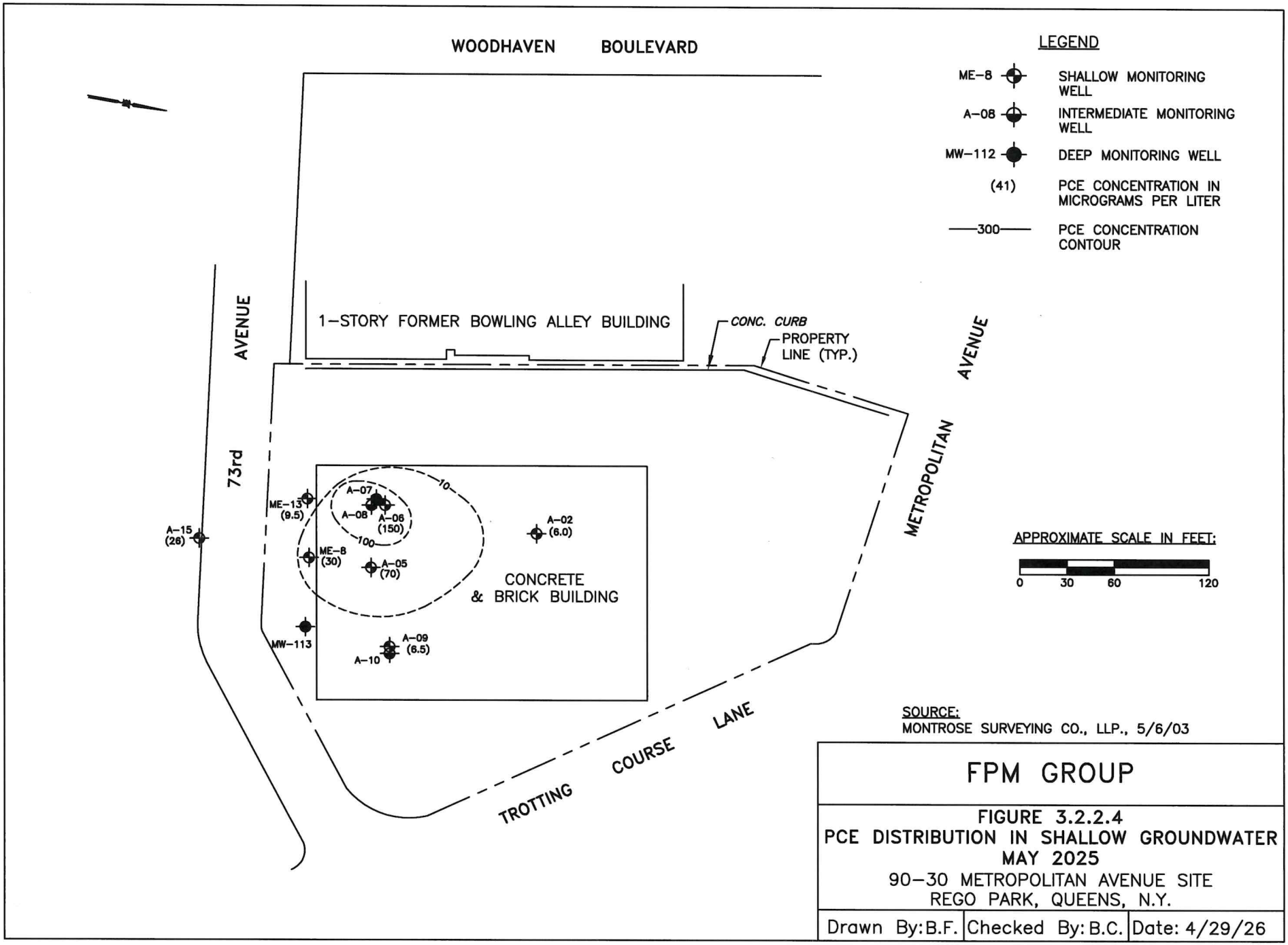

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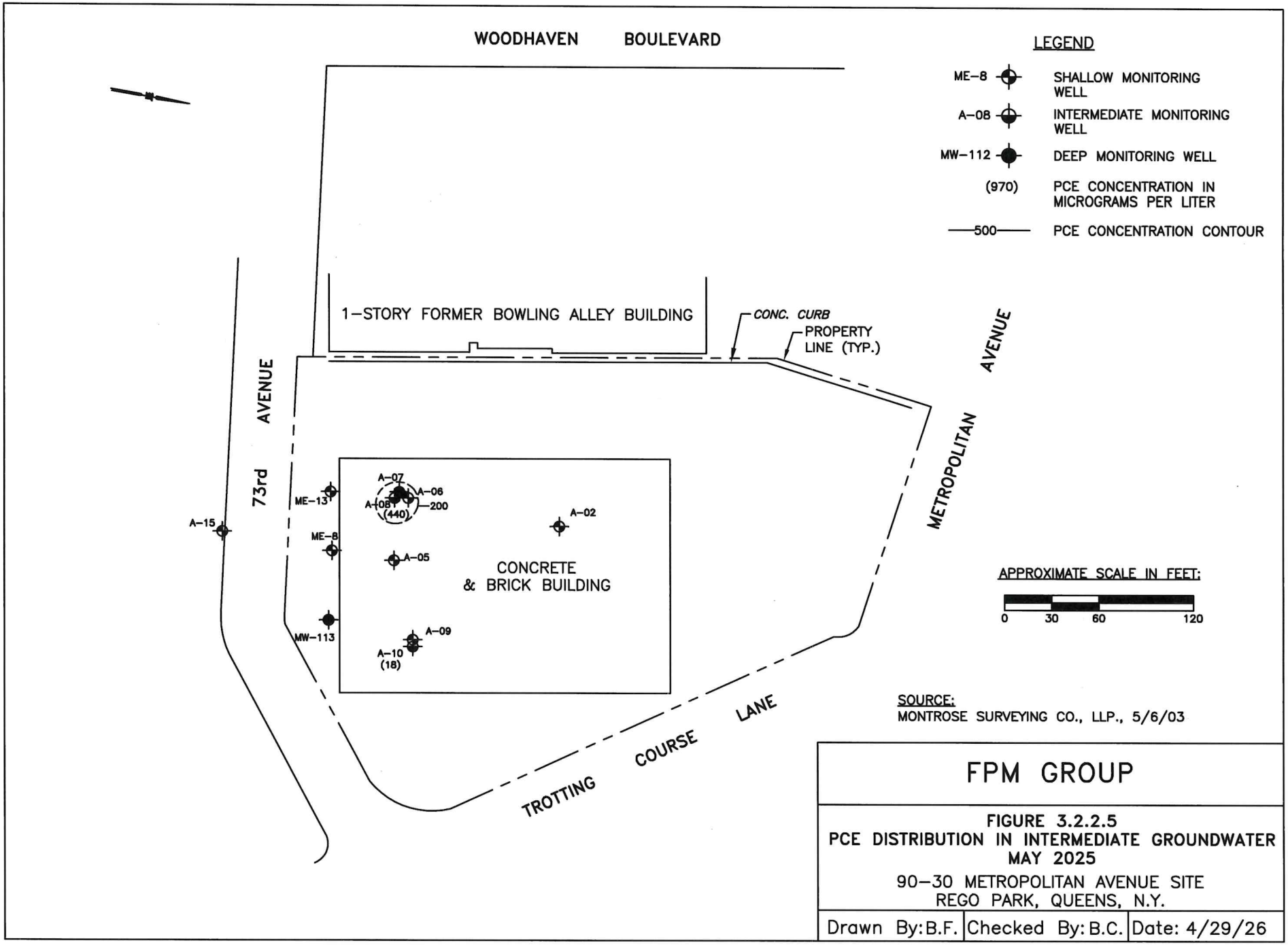
FIGURE 3.2.2.4
PCE DISTRIBUTION IN SHALLOW GROUNDWATER
MAY 2025
90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 4/29/26

H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.4 APRIL 2025.dwg, 4/29/2026 12:54:17 PM, \\USA19.fpm-group.com\Kyocera TASKalfa 3554ci KX



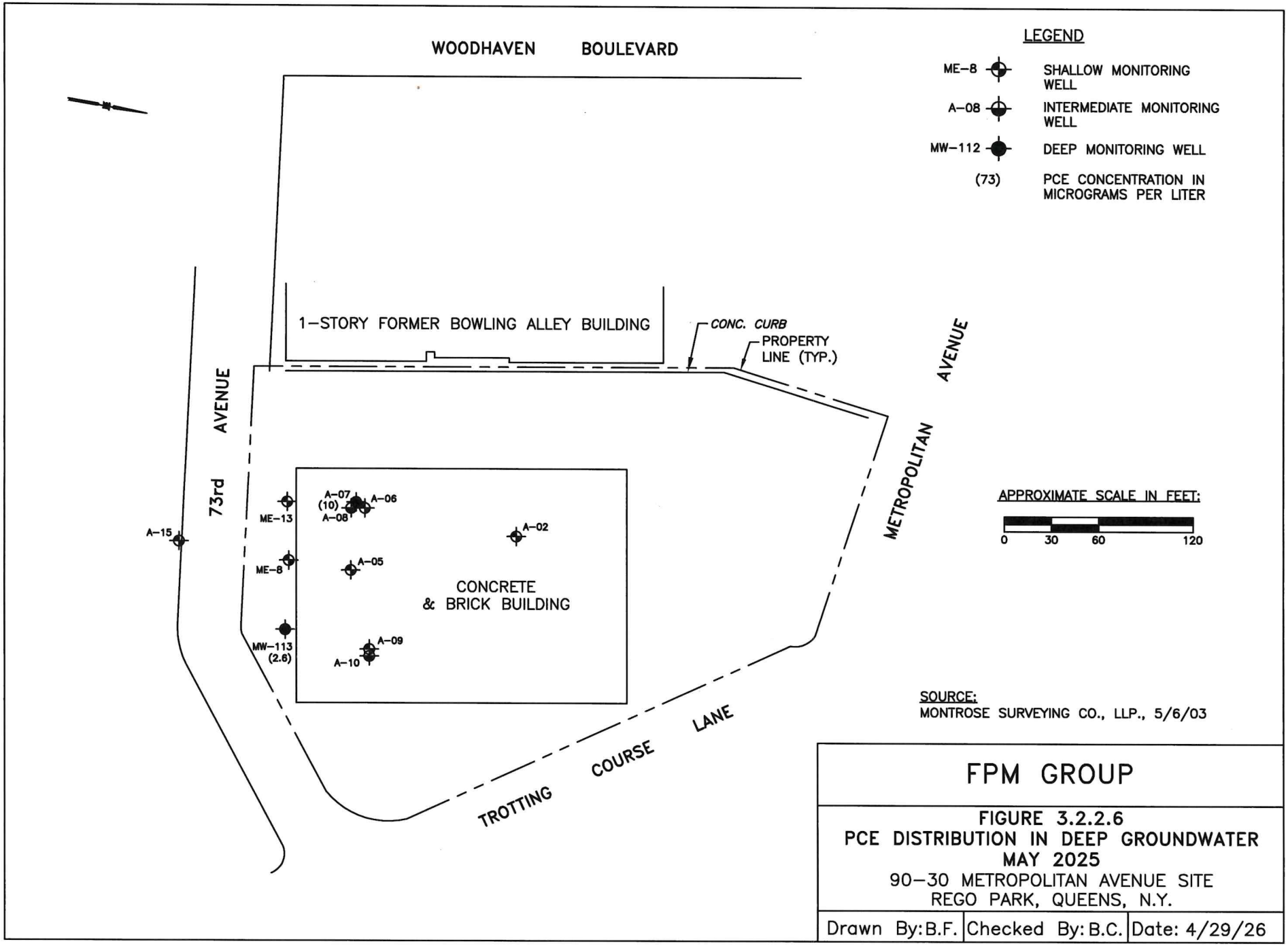
FPM GROUP

FIGURE 3.2.2.5
PCE DISTRIBUTION IN INTERMEDIATE GROUNDWATER
MAY 2025

90–30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

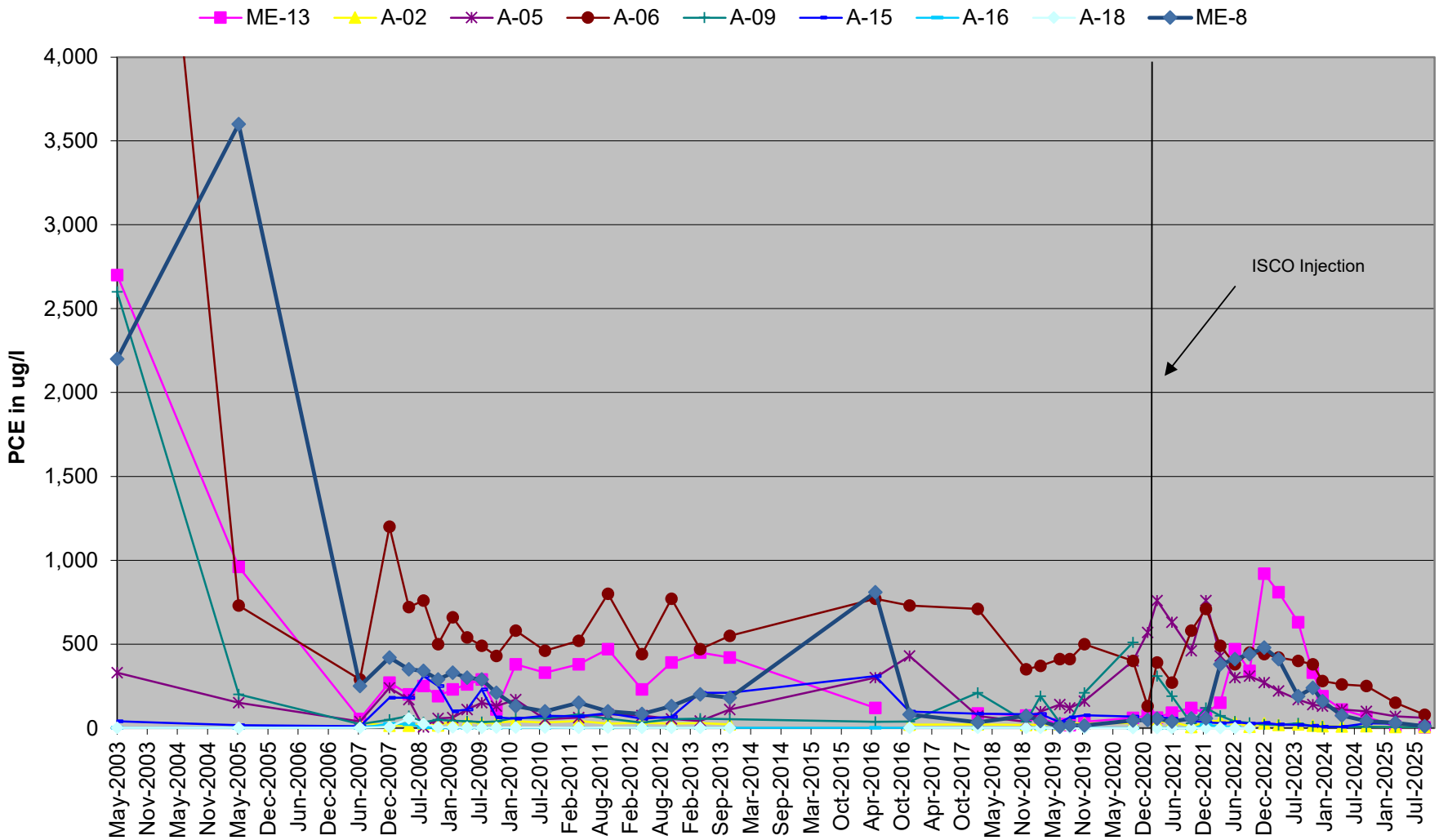
Drawn By: B.F.	Checked By: B.C.	Date: 4/29/26

H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.5 APRIL 2025.dwg, 4/29/2026 12:54:32 PM, \\LISA19.fpm-group.com\Kyocera TASKalfa 3554ci KX



H:\Mark Holdings\90-30 Metropolitan Ave\2024-2026 PRR\FIGURE 3.2.2.6 APRIL 2025.dwg, 4/29/2026 12:54:44 PM, \\USA19.fpm-group.com\Kyocera TASKalfa 3554ci KX

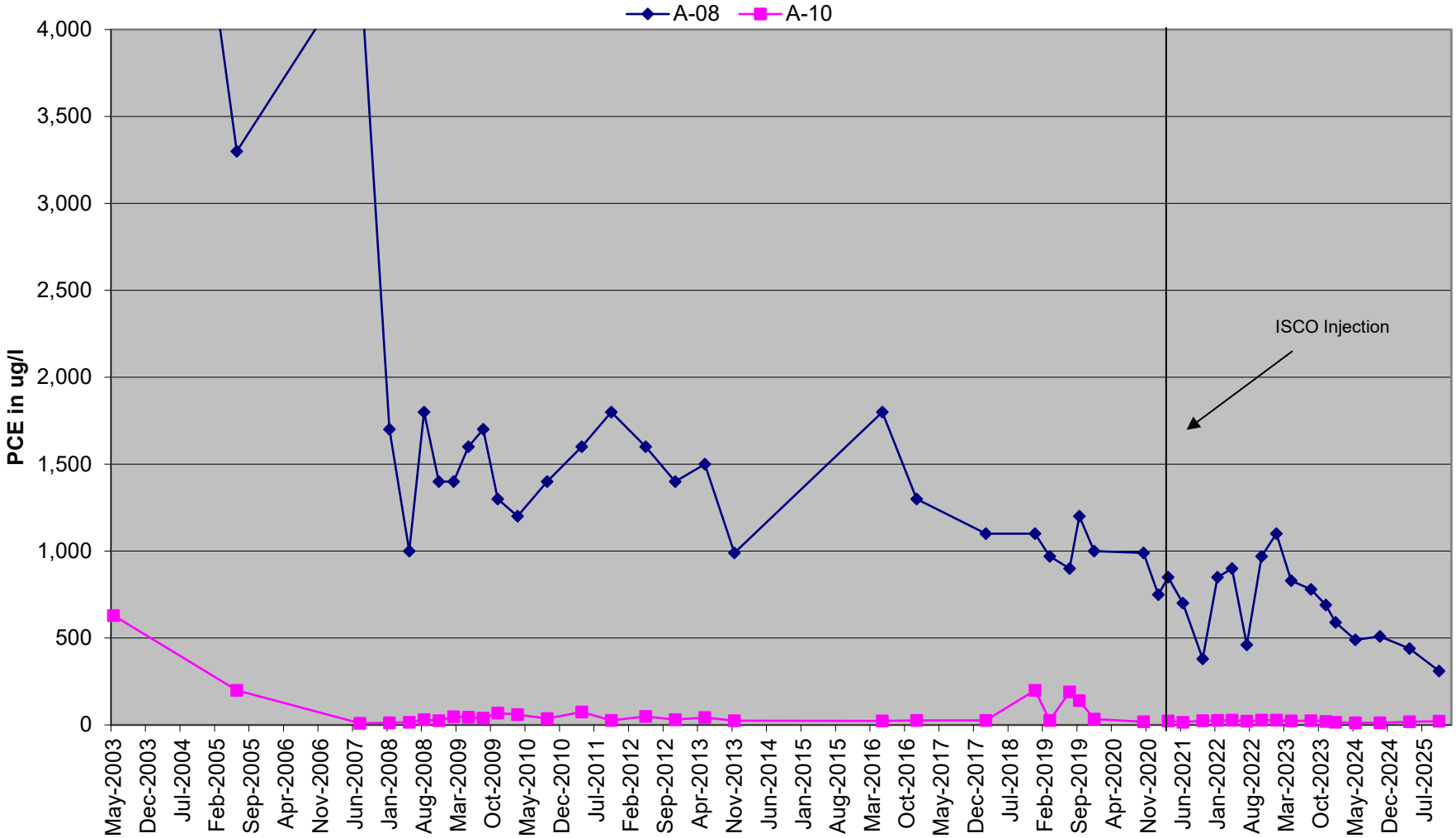
FIGURE 3.2.2.7
PCE IN SHALLOW WELLS
MAIN SITE PLUME
90-30 METROPOLITAN AVENUE, REGO PARK, NY



FPM

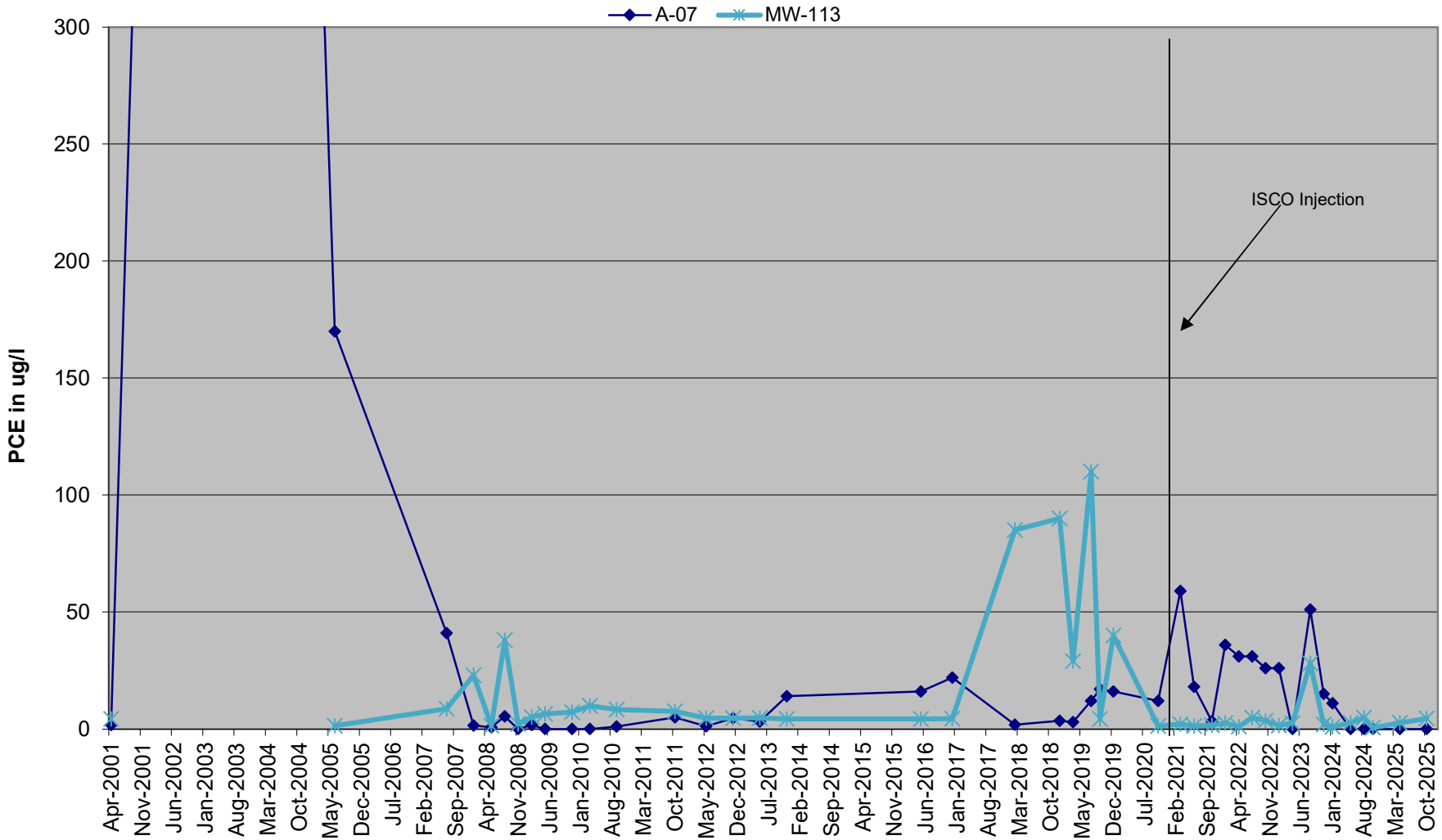
S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2024 -2026\GW graphs\Graph shallow.xlsx

FIGURE 3.2.2.8
PCE IN INTERMEDIATE WELLS
MAIN SITE PLUME
90-30 METROPOLITAN AVENUE, REGO PARK, NY



FPM

FIGURE 3.2.2.9
PCE IN DEEP WELLS
MAIN SITE PLUME
90-30 METROPOLITAN AVENUE, REGO PARK, NY



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S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2024 -2026\GW graphs\Copy of Graph deep.xlsx

TABLE 3.2.2.1
GROUNDWATER CHEMICAL ANALYTICAL DATA
SHALLOW WELLS
90-30 METROPOLITAN AVENUE, REGO PARK, NEW YORK
MAIN SITE PLUME

Well Number	ME-8																																										NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	ND	ND	ND	23	ND	ND	ND	ND	7.1 J	ND	2.9 JB	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**54 JB**	ND	ND	6.7 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	ND	NS	ND	ND	ND	ND	ND	ND	ND	0.49 J	0.41 J	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**3600**	**250**	**420**	**350**	**340**	**290**	**330**	**300**	**290**	**210**	**130**	**100**	**150**	**99**	**84**	**130**	**200**	**180**	**810**	NS	**34**	**73**	**41**	**7.6**	**17**	**15**	**45**	**48**	**55**	**39**	**57**	**58**	**380**	**410**	**440**	**480**	**410**	**190**	**240**	**160**	**75**	**42**	**30**	**11**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	0.45 J	0.36 J	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35J	0.33 J	ND	ND	0.38 J	ND	ND	0.34 J	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51J	0.51J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	3,600	250	420	350	340	290	330	300	290	210	130	100	150	99	84	130	200	180	810	NS	34	73	41	8	17	31	45	49	55	39	57	58	380.35	410.33	440	480	410.38	190	240	160.34	75	42	30	11	-

Well Number	ME-13																																											NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	15 J	ND	ND	8.1 J	ND	ND	ND	ND	5.3 J	ND	4.4 JB	ND	ND	21 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**17 JB**	ND	ND	**5.8 JB**	ND	ND	ND	ND	ND	ND	ND	**5.2 JB**	**7.4 JB**	**17 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	**48 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.3**	2.4	1.0	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	0.98 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.40 J	0.30 J	0.84 J	0.97 J	0.97 J	ND	ND	ND	ND	ND	0.34 J	ND	ND	ND	0.61 J	0.40 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**960**	**54**	**270**	**200**	**250**	**190**	**230**	**260**	**290**	**110**	**380**	**330**	**380**	**470**	**230**	**390**	**450**	**420**	**120**	**98**	**87**	**75**	**55**	**23**	**16**	**37**	**60**	**75**	**62**	**91**	**120**	**88**	**150**	**470**	**340**	**920**	**810**	**630**	**330**	**190**	**110**	**67**	**9.5**	**4.1**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	0.57 J	0.78 J	0.75 J	0.68 J	0.25 J	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND	0.39 J	0.43 J	ND	ND	ND	0.44 J	0.42	ND	ND	2.2	ND	5
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.60 J	5
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25**	**35**	2
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	1,008	54	270.98	200	250	190	230	260	290	110	380	330	380	470	231	391	451	421	122	99	87	75	55	23	16	49	60	76	62	91	121	88	150	470	340.43	920.00	810.0	630.00	330.44	190.42	110.00	73.30	39.10	40.70	-

Well Number	A-05																																											NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	ND	ND	30	3.4	ND	ND	ND	5.2 J	ND	6.9 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	ND	ND	**7.8 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	0.65 J	0.97 J	1.0	0.92 J	0.38 J	ND	ND	ND	0.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**150**	**39**	**240**	**170**	**6**	**58**	**62**	**110****	**150**	**130**	**170**	**53**	**62**	**82**	**74**	**54**	**42**	**110**	**300**	**430**	**71**	**37**	**97**	**140**	**120**	**160**	**400**	**570**	**760**	**630**	**460**	**760**	**430**	**300**	**310**	**270**	**220**	**170**	**140**	**130**	**110**	**100**	**70**	**60**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	ND	0.35 J	0.54 J	ND	ND	ND	ND	0.35 J	0.32 J	0.49 J	0.56 J	ND	ND	ND	0.47 J	ND	ND	0.38 J	0.40 J	0.35 J	0.37 J	ND	0.39 J	0.40 J	0.32 J	ND	ND	ND	5
Cloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	150	39	240	170	5.5	58	62	110	150	130	170.0	53	62	82	74	54.12	42	110	300	430	71.3	37	97.7	141.32	121	162	401	570	760	630	460.83	760	430	300.38	310.4	270.35	220.37	170	140.39	130.4	110.32	100	70	60	-

Well Number	A-02																																										NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																										
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	1.6 J,B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	ND	ND	ND	ND	ND	ND	ND	0.7
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	0.47 J	0.36 J	ND	0.86 J	1.2 J	ND	1.1 J	1.0 J	0.93 J	0.74 J	ND	ND	ND	0.16 J	ND	ND	NS	ND	0.29 J	0.45 J	0.33 J	0.49 J	0.25 J	0.47 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**32**	**13**	**14**	**24**	**15**	**44**	**37**	**27**	**32**	**40**	**33**	**42**	**26**	**30**	**26**	**22**	**29**	NS	**20**	**21**	**19**	**20**	**22**	**27**	**28**	**29**	**36**	**38**	**6.3**	**40**	**42**	**36**	**7.0**	**27**	**19**	**21**	**14**	**11**	**9.7**	**10**	**6.0**	**6.0**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	0.18 J	0.28 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	32	13.47	14.36	24	15.86	45.2	37	28.1	33	40.9	33	42	26	30	26	22	29	NS	20	23	20	20	22	27	28	30	36	38	6	40	42	36	7	27.0	19.0	21.2	14.0	11.0	9.7	10.0	6.0	6.0	-

Notes:

ND = Not detected
NS = Not sampled
VOCs = Volatile Organic Compounds
Bold shaded values exceed NYSDEC Class GA Ambient Water Quality
NYSDEC = New York State Department of Environmental Conservation
J = Estimated concentration below reporting limit
B = Analyte detected in an associated blank sample
- = Not established

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TABLE 3.2.2.1 (CONTINUED)
GROUNDWATER CHEMICAL ANALYTICAL DATA
SHALLOW WELLS
90-30 METROPOLITAN AVENUE, REGO PARK, NEW YORK
MAIN SITE PLUME

| Well Number | A-06 | | |

TABLE 3.2.2.2
GROUNDWATER CHEMICAL ANALYTICAL DATA
INTERMEDIATE WELLS
90-30 METROPOLITAN AVENUE, REGO PARK, NEW YORK

Well Number	A-08																																										NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	**450 B**	**97 J**	ND	**190 B**	ND	ND	ND	ND	ND	ND	**28 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**57 JB**	ND	ND	**32 JB**	ND	ND	ND	ND	**14 JB**	ND	ND	**7.9 JB**	**14 JB**	**34 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	0.99 J	0.78 J	0.51 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**3,300**	**4,400**	**1,700**	**1,000**	**1,800**	**1,400**	**1,400**	**1,600****	**1,700**	**1,300**	**1,200**	**1,400**	**1,600**	**1,800**	**1,600**	**1,400**	**1,500**	**990**	**1,800**	**1,300**	**1,100**	**1,100**	**970**	**900**	**1,200**	**1,000**	**990**	**750**	**850**	**700**	**380**	**850**	**900**	**460**	**970**	**1,100**	**830**	**780**	**690**	**590**	**490**	**510**	**440**	**310**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6 J	2.5 J	2.7 J	1.8 J	1.8 J	1.2 J	1.4 J	3.3 J	ND	ND	1.7 J	ND	ND	ND	1.1 J	ND	0.95 J	1.3 J	1.2J	0.77 J	1.3 J	ND	1.2 J	1.4 J	1.2 J	1.1 J	0.99 J	1.1 J	1.4	1.1	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6**	ND	**31**	ND	**18**	**18**	2.7	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92 J	0.98J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	0.87 J	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	0.88 J	0.88 J	ND	0.72 J	5
Total VOCs*	3,300	4,400	1,700	1,000	1,800	1,400	1,400	1,600	1,700	1,300	1,200	1,400	1,600	1,800	1,605	1,403	ND	991	1,102	1,302	1,102	1,104	970	900	1,202	1,000	990	883	873	732	381	870	922	463	977	1,100	832.4	781	691.2	591	492	511	441.4	311.82	-

Well Number	A-10																																											NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/12**	**9/19**	**12/19**	**10/20**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	**5/24**	**10/24**	**04/25**	**10/25**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	3.0 JB	ND	ND	ND	3.0 J	ND	ND	ND	ND	ND	ND	1.7 JB	ND	35	ND	ND	ND	ND	ND	ND	1.5 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	1.7 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15 J	0.17 J	ND	ND	ND	ND	1.3	0.31 J	0.88 J	0.40 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**200**	**10**	**12**	**15**	**30**	**25**	**47**	**44****	**40**	**68**	**60**	**37**	**74**	**26**	**49**	**30**	**43**	**25**	**23**	**26**	**26**	**200**	**26**	**190**	**140**	**34**	**19**	**23**	**15**	**24**	**26**	**27**	**22**	**27**	**27**	**23**	**25**	**20**	**15**	**12**	**13**	**18**	**21**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	0.34 J	0.57 J	0.34 J	0.57 J	0.63	0.54 J	0.46 J	0.57 J	0.39 J	ND	0.79 J	0.49 J	0.52 J	0.42 J	ND	0.58 J	0.64J	0.61 J	0.73 J	0.59 J	0.67 J	ND	0.70 J	0.63 J	0.49 J	0.52 J	1	0.94	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.94 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.56 J	ND	0.91 J	ND	ND	5
Total VOCs*	200	10	12	15	30	25	47	44	40	68	61	37	74	26	49	30	44	25	24	27	28	202	58	191	140	34	20	24	15	24	27	28	23	28	28	23.67	25	20.7	16	12	14	19.00	21.94	-

Notes:

ND = Not detected

VOCs = Volatile Organic Compounds

- = Not established

Bold shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

NYSDEC = New York State Department of Environmental Conservation

J = Estimated concentration below reporting limit

B = Analyte detected in an associated blank sample

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TABLE 3.2.2.3
GROUNDWATER CHEMICAL ANALYTICAL DATA
DEEP WELLS
90-30 METROPOLITAN AVENUE, REGO PARK, NEW YORK

MAIN SITE PLUME

Well Number	A-07																																									NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/05	7/07	1/08	5/08	8/08	11/08	2/09	5/09	8/09	11/09	3/10	9/10	4/11	10/11	5/12	11/12	5/13	11/13	5/16	12/16	2/18	12/18	3/19	7/19	9/19	12/19	10/20	3/21	6/21	10/21	1/22	4/22	7/22	10/22	1/23	4/23	8/23	11/23	1/24	5/24	10/24	04/25	10/25	
Target Compound List Volatile Organic Compounds in micrograms per liter																																											
Acetone	3.2 JB	ND	ND	ND	**59 B**	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J,B	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	1.8 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	7.0 JB	26	ND	ND	**230 B**	ND	**5.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.17 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.43 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Benzene	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	**170**	**41**	1.5 J	0.68 J	**5.4 J**	ND	1.7 J	ND	ND	ND	ND	1.1 J	1.7 J	**5.0**	1.2	4.5	3.0	**14.0**	**16**	**22**	1.8	3.5	3	**12**	**17**	**16**	**12**	**59**	**18**	3.3	**36**	**31**	**31**	**26**	**26**	**21**	**51**	**15**	**11**	**18**	**8.9**	**10**	**5.5**	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	170	41	1.5	0.68	5.4	ND	1.7	ND	ND	ND	ND	1.1	1.7	5.0	1.2	4.6	3	14	16	22	3	4	3	12.0	3.5	3.0	14.0	59.8	18.0	3.3	36	31	31	26	26	21.0	51	15.0	11	18	8.9	10	5.5	-

Well Number	MW-113																																										NYSDEC Class GA Ambient Water Quality Standards
Sample Date	7/07	1/08	5/08	8/08	11/08	2/09	5/09	8/09	11/09	3/10	9/10	4/11	10/11	5/12	11/12	5/13	11/13	5/16	12/16	2/18	12/18	3/19	9/19	12/19	10/20	3/21	6/21	10/21	1/22	4/22	7/22	10/22	1/23	4/23	8/23	11/23	1/24	5/24	10/24	04/25	10/25	
Target Compound List Volatile Organic Compounds in micrograms per liter																																										
Acetone	3.4 JB	ND	ND	ND	1.4 J	ND	ND	1.4 J	ND	ND	ND	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52 J	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND	-
Tetrachloroethene	8.70	**23.00**	**1.4 J**	38.00	**2.2 J**	5.10	**6.40**	**4.80**	7.2	**9.90**	**8.30**	**4.3 J**	7.50	**4.60**	4.5	4.7	4.3	4.3	4.4	85	**90.00**	**29.00**	**4.30**	**40.00**	**1.30**	2.1	1.3	1.6	2.5	1.1	4.9	3.5	1.5	2.5	**28**	1.9	0.98 J	2.6	0.57 J	2.6	4.5	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	8.7	23	1.4	38	2.2	5.1	6.4	4.8	7.2	9.9	8.3	4.3	7.5	4.6	4.63	5	4.3	4.3	4.4	85	90	90	4.3	57	1.3	ND	1.3	1.6	2.5	1.1	4.9	4.02	1.5	2.94	28	1.9	0.98	2.6	0.57	2.6	4.5	-

Notes:

ND = Not detected
VOCs = Volatile Organic Compounds
*Excluding suspected field/lab contamination
Bold shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

NYSDEC = New York State Department of Environmental Conservation
J = Estimated concentration below reporting limit
B = Analyte detected in an associated blank sample
- = Not established

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SECTION 4.0
OPERATION AND MAINTENANCE PLAN COMPLIANCE

The Site has O&M requirements for the AS/SVE system and the groundwater monitoring wells. The AS/SVE system is no longer in operation and therefore O & M was not performed for this during the reporting period.

The groundwater monitoring wells are checked during groundwater monitoring events to evaluate whether maintenance (redevelopment, repair) is necessary.

Site-wide inspections have been performed annually to document OM&M activities and the Site status; copies of the completed site-wide inspection forms are included in Appendix D.

4.1 Summary of O&M Activities

During the reporting period no maintenance of the groundwater monitoring wells has been necessary other than occasional repair of manholes due to routine wear and parking lot activities.

4.2 Evaluation of O&M Activities

The O&M activities enabled the groundwater monitoring network to operate as intended during the reporting period.

4.3 O&M Deficiencies

No O & M deficiencies occurred during the reporting period.

4.4 Recommendations

Continued groundwater monitoring as discussed in Section 3.4 is recommended.

SECTION 5.0
CONCLUSIONS AND RECOMMENDATIONS

5.1 Compliance with OM&M Plan

Assessment of the overall Site condition and compliance with the OM&M Plan during the reporting period are summarized as follows:

- EC and IC Compliance
  - The EC (AS/SVE system) has reached its useful life and was not in operation during the reporting period. A corrective measure was implemented in 2020 and groundwater conditions have shown improvement during the reporting period.
  - The IC (deed restriction) was recorded on September 11, 2009. The provisions of this IC were maintained throughout the reporting period.
- Monitoring and O&M
  - Groundwater monitoring was performed during the reporting period in substantial compliance with the OM&M Plan.

5.2 Performance and Effectiveness of the Remedy

The remedy has been implemented in compliance with the applicable work plans and NYSDEC approvals and continues to be managed in compliance with the OM&M Plan with modifications approved by the NYSDEC. The main site plume remains present primarily in the shallow and intermediate levels, with the center of the plume located near the southwestern portion of the onsite building, primarily at the intermediate level. Groundwater monitoring has confirmed that the levels of PCE in Site groundwater in the area of the main site plume have significantly improved since the remedy and corrective action were implemented. Continued groundwater monitoring is proposed to monitor groundwater conditions.

5.3 Recommendations

Based on the current Site conditions, FPM recommends the following:

- Continued monitoring is needed to evaluate changes in groundwater PCE concentrations. The groundwater monitoring frequency is recommended on a quarterly basis for shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113. Procedures should continue to be performed in accordance with the OM&M Plan and NYSDEC-approved modifications as applicable.
- Periodic review reporting will continue every two years as currently approved.

APPENDIX A

DEED RESTRICTION AND CORRESPONDENCE

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2009091000255001001E1307

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 4**

Document ID: 2009091000255001 Document Date: 09-08-2009 Preparation Date: 09-10-2009
Document Type: SUNDRY MISCELLANEOUS
Document Page Count: 3

PRESENTER:	**RETURN TO:**
HOLD FOR DENNISE A. TO PICK UP	HOLD FOR DENNISE A. TO PICK UP
ADVANTAGE TITLE REC 10824	ADVANTAGE TITLE REC 10824
410 NEW YORK AVENUE	410 NEW YORK AVENUE
HUNTINGTON, NY 11743	HUNTINGTON, NY 11743
631-424-6100	631-424-6100
mschantz@advantagetitle.com	mschantz@advantagetitle.com

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	3884	34	Entire Lot	90-30 METROPOLITAN AVENUE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page ____ *or* File Number_____

PARTIES

PARTY 1:
DPSW FOREST HILLS LLC
131 JERICHO TURNPIKE, SUITE 101
JERICHO, NY 11753

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	52.00
Affidavit Fee:	$	0.00

Filing Fee:	$	0.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 09-11-2009 16:05
City Register File No.(CRFN):
2009000294516

City Register Official Signature

DECLARATION of COVENANTS and RESTRICTIONS

THIS COVENANT, made the 8th day of September, 2009 by a limited liability company organized and existing under the laws of the State of New York and having an office for the transaction of business at 131 Jericho Turnpike, Suite 101, Jericho, NY 11753.

WHEREAS, DPSW Forest Hills LLC is the subject of a Voluntary Agreement executed by Titan Management LP as part of the New York State Department of Environmental Conservation's (the "Department's") Voluntary Cleanup Program, namely that parcel of real property located at 90-30 Metropolitan Avenue, Forest Hills, in the County of Queens, State of New York, which is part of lands conveyed by Metraford, LLC to DPSW Forest Hills LLC by deed dated December 9, 2004 and recorded in the City of New York County Clerk's Office on February 10, 2005 described in Appendix "A", attached to this declaration and made a part hereof, and hereinafter referred to as "the Property"; and

WHEREAS, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the contamination disposed at the Property and such remedy requires that the Property be subject to restrictive covenants.

NOW, THEREFORE, DPSW Forest Hills LLC, for itself and its successors and/or assigns, covenants that:

First, the Property subject to this Declaration of Covenants and Restrictions consists of the property described in Appendix "A".

Second, the owner of the Property shall prohibit the Property from ever being used for purposes other than for a commercial or industrial use as defined at 6 NYCRR Section 375-1.8(g)(2)(iii) and (iv) without the express written waiver of such prohibition by the New York State Department of Environmental Conservation or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency."

Third, the owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Relevant Agency.

Fourth, the owner of the Property shall continue in full force and effect any institutional and engineering controls required under the Agreement and maintain such controls unless the owner first obtains permission to discontinue such controls from the Relevant Agency.

Fifth, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the

owner, and its successors and assigns, consents to enforcement by the Relevant Agency of the prohibitions and restrictions that Paragraph X of the Agreement requires to be recorded, and hereby covenants not to contest the authority of the Relevant Agency to seek enforcement.

Sixth, any deed of conveyance of the Property, or any portion thereof, shall recite, unless the Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

DPSW FOREST HILLS LLC
a New York limited liability company

By: DPSW Forest Hills MM Corp.,
a New York corporation, its managing member

By: _____
Name: David Schore

STATE OF NEW YORK)
)SS:
COUNTY OF NASSAU)

On the 8 day of Sept., in the year 2009, before me, the undersigned, personally appeared David Schore, personally known to me or proved to me on the basis of satisfactory evidence to be the individuals whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their capacities, and that by his signatures on the instrument, the individuals, or the persons upon behalf of which the individuals acted, executed the instrument.

ANDREW W. SCHNALL
Notary Public, State of New York
No. 01SC6154752
Qualified in Nassau County
Commission Expires Oct 23, 2010

_____
Notary Public

SEAL

APPENDIX "A"

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the present southerly side of Metropolitan Avenue (as distinguished from the proposed southerly side of Metropolitan Avenue) with the southwesterly side of Trotting Course Lane as said Lane is presently laid out on the Final Maps of the City of New York, for the Borough of Queens, to an irregular width;

RUNNING THENCE southeasterly along a line forming an interior angle of 132 degrees 01 minutes 57 seconds with the said present southerly side of Trotting Course Lane, 279.94 feet to a point of curve in said Lane, said curve connecting the southwesterly side of said Lane with the northwesterly side of 73rd Avenue, as also laid out on said Final Maps;

THENCE along said curve north (having a radius of 30 feet the center of which lies to the west) southeasterly, southerly and westerly and bearing to the right, a distance of 45.29 feet to a point of tangency on the northwesterly side of 73rd Avenue;

THENCE southwesterly along the said northwesterly side of 73rd Avenue, 113.42 feet to an angle in said 73rd Avenue on the northerly side of thereof;

THENCE westerly along the said northwesterly side of 73rd Avenue, 167.77 feet;

THENCE in a northerly direction along a line forming an interior angle of 92 degrees 57 minutes 25 seconds with the said northerly side of 73rd Avenue, 291.06 feet;

THENCE northerly along a line forming an interior angle of 162 degrees 05 minutes 58 seconds with the proceeding course, 95.28 feet to the said present southerly side of Metropolitan Avenue;

THENCE easterly along the said side of Metropolitan Avenue, 143.16 feet to the corner first mentioned, at the point or place of BEGINNING.

This is a true and correct copy of the original document recorded in the Office of the City Register of New York as attested by [signature] on the 14th day of September, 2009. (not valid unless signed and dated)

3/6/2026

Eric Silvers
Environmental Director
Equity one (Metropolitan) LLC
One Independent Drive
Suite 114
Jacksonville, FL 32202
ericsilvers@regencycenters.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: 90-30 Metropolitan Avenue
Site No.: V00253
Site Address: 90-30 METROPOLITAN AVENUE
Rego Park, NY 11374

Dear Eric Silvers:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **April 06, 2026**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager by contacting the project manager for a link to DEC's file transfer service.

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Marlen Salazar, the Project Manager, at 718-482-7129 or marlen.salazar@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Regency Centers, L.P. - EricSilvers@regencycenters.com

ec: w/ enclosures

Marlen Salazar, Project Manager

Jane O'Connell, Hazardous Waste Remediation Supervisor, Region 2

FPM Enginering Group, P.C. - Ben Cancemi - b.cancemi@fpm-group.com

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

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

Site Details **Box 1**

Site No. V00253

Site Name 90-30 Metropolitan Avenue

Site Address: 90-30 METROPOLITAN AVENUE Zip Code: 11374
City/Town: Rego Park
County: Queens
Site Acreage: 1.870

Reporting Period: January 31, 2024 to January 31, 2026

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

Box 2

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

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

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

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

SITE NO. V00253 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
3884-34	Regency Centers, L.P.	Monitoring Plan O&M Plan

Site management at the 90-30 Metropolitan Avenue, Rego Park, NY Voluntary Cleanup Program Site (#V00253-2) is conducted under an Operation, Maintenance, and Monitoring (OM&M) Plan submitted as an appendix to the November 2009 Final Engineering Report. The OM&M Plan includes a summary of the existing Site conditions and a description of the approved remedial program, an Engineering and Institutional Control (EC/IC) Plan, a Monitoring Plan with provisions for groundwater and EC remedial system monitoring, an Operation and Maintenance (O&M) Plan with procedures for EC and monitoring system O&M, and an O&M Reporting Plan with procedures for reporting site inspections, monitoring results, and EC/IC certification.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
3884-34	Air Sparging/Soil Vapor Extraction

The EC for the Site consists of an air sparge/soil vapor extraction (AS/SVE) system designed to remediate a plume (main site plume) of tetrachloroethylene (PCE) -impacted groundwater. Part of the SVE portion of the system was also designed to prevent the migration of sub-slab soil vapor into the Site building. A portion of the AS/SVE system was installed to treat PCE-impacted groundwater migrating onto the Site from an adjoining property (western bowling alley plume). The performance of the EC is monitored via effluent monitoring and groundwater monitoring. The ICs for the Site consist of site restrictions implemented under a Declaration of Covenants and Restrictions (deed restriction). Site restrictions include restriction of Site usage to commercial and industrial purposes, prohibition of Site groundwater use without treatment to render it suitable for its intended purpose, and maintenance of the ECs and ICs.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☐	☐

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

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

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

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

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

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

YES	NO
☐	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00253

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I _____ at _____,
print name print business address

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

_____	_____	_____
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

March 31, 2025

Eric Silvers
Equity One (Metropolitan) LLC
One Independence Drive, Suite 114
Jacksonville, FL 32202

Re: 90-30 Metropolitan Avenue
90-30 Metropolitan Avenue, Queens, Queens County
Voluntary Cleanup Program No. V00253
Operation, Monitoring, and Maintenance Plan Approval

Dear Eric Silvers,

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of health (NYSDOH), has completed its review of the Operation, Monitoring, and Maintenance Plan (OM&M Plan) dated November 2009 and revised March 2025 which was prepared by FPM Group (FPM) on behalf of Equity One (Metropolitan) LLC (the Owner) for 90-30 Metropolitan Avenue (the Site).

This OM&M Plan was prepared as a requirement of the New York State Voluntary Cleanup Program (VCP). The OM&M Plan contains a comprehensive plan that provides detailed maintenance and monitoring, discussion of the Institutional and Engineering Controls developed for the site, as well as provisions for the annual certification of these controls. The OM&M Plan is here by approved.

If you have any questions regarding this matter, please contact me at (718) 482-7129 or marlen.salazar@dec.ny.gov.

Sincerely,

Marlen Salazar
Project Manager

cc: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, S. Lawrence – NYSDOH
B. Cancemi – FPM

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

March 6, 2026

Eric Silvers
Equity One (Metropolitan) LLC
One Independent Drive, Suite 114
Jacksonville, FL 32202

Re: 90-30 Metropolitan Avenue
90-30 Metropolitan Avenue, Rego Park, Queens County
Voluntary Cleanup Program No. V00253
2023 Periodic Review Report

Dear Eric Silvers (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: January 31, 2023 to January 31, 2024.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year, your next PRR is due on April 6, 2026. The updated certification form is attached. Regardless of receipt or not of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 718-482-7129 or e-mail: marlen.salazar@dec.ny.gov.

Sincerely,

Marlen Salazar
Project Manager

cc: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, S. Lawrence – NYSDOH
B. Cancemi – FPM Group

APPENDIX B

RESUMES OF ENVIRONMENTAL PROFESSIONALS

FPM group

An Olgoonik Company

Ben T. Cancemi, PG, CPG

Engineering and Environmental Science

Mr. Cancemi has diversified experience in geology and hydrogeology. His professional experience includes groundwater and soil investigations, design and management of soil remediation projects, installation and maintenance of groundwater containment and remediation systems, aquifer testing and interpretation, geotechnical studies, evaluation of site compliance with environmental regulations and environmental permitting.

Functional Role	Title	Years of Experience
Senior Hydrogeologist	**Department Manager - Hydrogeology**	**22**

Personal Data

Education

M.S./2001/Hydrogeology/SUNY Stony Brook
B.S./1995/Geology/SUNY Stony Brook

Registration and Certifications

New York State Professional Geologist, #7051
Certified Professional Geologist – American Institute of Professional Geologists
NYC Office of Environmental Remediation – Gold Certified Professional
OSHA 40-hour HAZWOPER and Current 8-hour Health and Safety Training and Current Annual Physical
OSHA 8-hour HAZWOPER Supervisor
OSHA 10-hour Construction Safety and Health
OSHA Permit-Required Confined Space Training
Long Island Geologists
National Groundwater Association

Employment History

2001-Present	FPM Group
1998-2001	Burns & McDonnell Engineering Company
1997-1998	Groundwater and Environmental Services
1996-1997	Advanced Cleanup Technologies

Detailed Experience

Hydrogeologic Evaluations

- **Project Manager, Lower Manhattan, NY. NYCT.** Coordinated and performed constant head hydraulic conductivity (packer) testing in boreholes located in fractured bedrock in lower Manhattan, NY to evaluate fracture connectivity with the nearby Hudson and East Rivers and determine hydraulic conductivity and related parameters such that water management procedures could be implemented for redevelopment of the New South Ferry Subway Station.
- **Project Manager, Manhattan, NY. NYCT** Coordinated and performed a hydrogeologic investigation, including utility clearing, soil borings, rock coring, packer testing, aquifer pumping testing, data collection, and interpretation, to evaluate subsurface conditions and determine geologic parameters for a proposed subway extension of the NYC Transit No.7 Subway Line.
- **Project Manager, Various Sites Long Island, NYC, and Westchester County, NY** Performed aquifer pumping and slug tests and evaluated hydrologic properties using the computer program AQTESOLV.

Site Investigations

- **Program Manager** for ongoing investigation and remedial projects at several New York State Inactive Hazardous Waste Disposal sites, Voluntary Cleanup Program (VCP) sites, and NYC OER e-designated sites. Investigations have included site characterization, Remedial Investigations/Feasibility Studies (RI/FS), and Resource Conservation and Recovery Act (RCRA) facility investigations and closures. Remedial services have included contaminated soil removal; design, installation, and operation of air sparge/soil vapor extraction (AS/SVE) systems and sub-slab depressurization systems (SSDS), capping, and other remedial services.
- **Program Manager NYSDEC BCP Site, Brooklyn, NY** Coordinated and performed an investigation, implemented remedial measures and regulatory reporting at a former dry-cleaning facility in Brooklyn, NY, including soil, groundwater and soil vapor sampling to assess onsite chlorinated solvent impacts. Remedial actions included conducting pilot testing for installation of a sub-slab depressurization system (SSDS), coordinating the installation of vapor barrier and SSDS. Prepared a Final Engineering Report documenting remedial activities and a Site Management Plan for continued site monitoring.

- **Program Manager NYSDEC Inactive Hazardous Waste Site, Garden City, NY** Coordinated and performed an investigation, implemented remedial measures and regulatory reporting for a former printing facility in Garden City, NY, including soil, groundwater and soil vapor sampling to assess onsite chlorinated solvent impacts. Remedial actions included pilot testing and installation of an air sparge/soil vapor extraction (AS/SVE) system and SSDS, coordinating the installation of an SSDS, removal of contaminated soils from two areas and removal of impacted sediments from twelve leaching structures. Prepared a Final Engineering Report documenting remedial activities.
- **Program Manager, NYC Redevelopment Site, Queens NY.** Program Manager for environmental activities at a NYC Voluntary Cleanup Program Site. Environmental activities included preparation of a Phase I report, completion of a remedial investigation, preparation of associated work plans, implementation of a community air monitoring program for site activities, excavation and disposal of impacted soils, management and disposal of clean soils, and regulatory reporting.
- **Project Manager Remedial Investigation NYSDEC BCP Site, Queens, NY** Coordinated and performed an investigation at a vacant commercial property Far Rockaway, NY, including soil, groundwater and soil vapor sampling to assess onsite chlorinated solvent impacts from an adjoining offsite source. Prepared Remedial Work Plan and Report and provided monthly updates.
- **Project Manager, Site Investigation, Former Aerospace Facilities, Long Island, NY** Coordinated and performed soil and groundwater sampling and soil vapor studies at several aerospace manufacturing facilities on Long Island, NY. Assessments included an evaluation of past manufacturing and facility operations, storage and use of solvents, petroleum and manufacturing-derived wastes, and impacts to soils, soil vapor, and groundwater. Areas of concern were identified for further evaluation and/or corrective action.
- **Project Manager, Municipal Landfill Monitoring, Town of East Hampton, NY** Coordinated and performed long term groundwater monitoring at two closed Town of East Hampton, NY municipal landfills, including the sampling a multi-depth monitoring well network, analysis and interpretation of analytical and hydrogeologic data, and regulatory reporting in accordance with NYSDEC Part 360 requirements.
- **Project Manager, Site Investigation, Former agricultural facilities, Long Island, NY** Coordinated and performed soil and groundwater investigations at various agricultural and horticultural properties to evaluate impacts of past herbicide and pesticide usage on the underlying soil and groundwater.
- **Program Manager, Municipal Landfill Gas Monitoring, Town of East Hampton, NY** Managed and performed routine methane monitoring at two Town of East Hampton landfills for compliance with NYSDEC requirements and to evaluate potential offsite migration to the surrounding community. Monitored indoor air with a flame ionization detector (FID) to evaluate impacts to buildings.
- **Hydrogeologist, Groundwater Modeling, Town of East Hampton, NY** Assisted with groundwater flow modeling for the Springs-Fireplace Road Landfill to evaluate the nature and extent of the landfill plume, its likely downgradient extent, and its fate.
- **Program Manager, Petroleum Release Sites, Various NYC, Long Island and Westchester County** Coordinated and performed onsite and offsite monitoring at petroleum release sites on Long Island, the New York metropolitan area, and in Westchester County in accordance with NYSDEC Spill program requirements. The monitoring programs generally included sampling multi-depth monitoring well networks utilizing low-flow sampling techniques, analysis/interpretation of analytical and hydrogeologic data, and regulatory reporting.
- **Project Manager, Site Investigation, Logan International Airport, Boston, MA.** Coordinated a soil and groundwater sampling program to evaluate environmental conditions at Terminal A, Logan International Airport, East Boston, Massachusetts. The program included an assessment of the current fuel hydrant system and other locations of potential environmental concern using non-destructive air vacuum extraction-clearing techniques combined with direct-push sampling.

- **Project Manager, Site Investigation, Pyrotechnics Facility, Suffolk County, NY.** Managed and performed a soil and groundwater investigation, a remedial soil excavation, and groundwater monitoring at a pyrotechnics manufacturing facility in Suffolk County, NY. The work was performed under the direction of the Suffolk County Department of Health Services (SCDHS) to investigate and remediate contamination from historic use of perchlorate-containing materials at the facility.
- **Project Manager, Site Investigation, Automobile Franchise, Westchester County, NY.** Coordinated and performed soil, groundwater and soil vapor investigations at several automobile dealerships in Westchester County, NY to evaluate potential impacts from petroleum and chemical solvent storage and usage and onsite waste water disposal systems.
- **Project Manager, Site, Investigation, Former mercury thermometer manufacturing facility, NYC, NY.** Coordinated and performed soil and soil vapor intrusion study at a former mercury thermometer manufacturing facility in NYC. Assessments included an evaluation of past manufacturing and facility operations, storage and use of mercury, manufacturing-derived wastes, and impacts to soils and soil vapor Areas of concern were identified for further evaluation and remedial action.

Phase I Environmental Site Assessments

- **Project Manager, Various Northeastern and Mid-Atlantic States.** Performed numerous Phase I Environmental Site Assessments (ESAs) for commercial and industrial properties throughout the Northeastern and Mid-Atlantic States for various clients including trucking companies, major airlines, telecommunication companies, chemical/ petroleum storage facilities, aerospace manufacturing facilities, machine shops, retail shopping centers, auto dealerships and service stations.

Remediation

- **Project Manager, Remediation, Former Landfill, Suffolk County, NY.** Managed remedial activities at a NY State Environmental Restoration Program (ERP) Site situated at a former hospital landfill in Northport, NY. Responsibilities contractor management and oversight, soil disposal management, confirmatory testing, data review, and preparation of remedial work plan and final engineering report for remedial activities.
- **Project Manager, Remediation - AS/SVE, Various Sites, NYC and Long Island.** Performed pilot testing, design, installation and procurement of numerous multi-depth soil vapor extraction (SVE) and air sparge (AS) remediation systems on Long Island and in the NYC metropolitan area to remediate chlorinated solvents and petroleum. Conducted remediation system operation and maintenance, and evaluations of system performance.
- **Project Manager, Remediation – UIC Structures, Nassau and Suffolk County, NY.** Performed numerous storm water and sanitary leaching structure (UIC) cleanouts utilizing excavation and/or vacuum assisted equipment to remove contaminated sediments and liquids. Conducted waste characterization and profiling, pipe camera surveys, and structure locating utilizing water-soluble dyes and electronic locating equipment.
- **Project Manager, Remediation Sub-Slab Depressurization Systems, NYC, Nassau and Suffolk Counties, NY** Conceptually designed and oversaw the installation of a sub- slab depressurization system (SSDS) at several commercial properties in the NYC and Long Island to mitigate chlorinated solvent impacts. SSDS monitoring was conducted to ensure proper operation and emissions compliance of with NYSDEC air discharge guidelines.
- **Project Manager, Remediation System O & M, NYC and Long Island.** Operated and maintained remediation systems, including SVE, groundwater pump and treat, AS, dual-phase extraction, SSDS and free-phase petroleum recovery systems.
- **Project Manager, Remediation. White Plains, NY.** Managed and coordinated a petroleum spill investigation to evaluate the nature and extent of a fuel oil release at an office building in White Plains, NY. The investigation included excavation and removal of a 5,000-gallon UST situated over 20 feet below grade, tightness testing of the UST and associated piping, a soil and groundwater investigation, free product recovery utilizing vacuum-enhanced fluid recovery techniques, and coordination and reporting to the NYSDEC and Westchester County Department of Health.

FPM group

An Olgoonik Company

Ben T. Cancemi, PG, CPG

Engineering and Environmental Science

Health and Safety

- **HASP and CAMP Plan Preparation, Various Sites.** Prepared community air monitoring and health and safety plans for several NYSDEC inactive hazardous waste, brownfield cleanup program, volunteer cleanup program, petroleum spill, and NYC e-designation program sites
- **HASP Monitoring, Various Sites.** Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Calibrated and operated photoionization detectors (PID) and flame-ionization detectors (FID) for organic vapors and combustible gas indicators (CGI) for methane. Compared results to applicable action levels and took preventative/protective measures as necessary.
- **CAMP Monitoring, Various Sites.** Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors. Recorded observations and compared to applicable action levels. Calibrated and operated noise meters, particulate monitors, and PID/FID.
- **Radiation Screening, Various Sites.** Performed screening for radiation at select sites. Operated Geiger counter in different radiation modes and obtained and evaluated background readings.
- **Mercury Screening.** Performed screening of mercury vapor for several projects. Operated and experienced with Jerome and Lumex Mercury Vapor Analyzers.

Expert Witness/Technical Services

- **Expert Witness Services, Glen Cove Waterfront Redevelopment.** Provided expert witness services regarding environmental conditions and remedial procedures for redevelopment of a former industrial and commercial area in Glen Cove, NY.
- **Technical Services, multiple sites, Town of Brookhaven.** Provided technical services regarding environmental conditions at various commercial and residential sites within the municipality to evaluate potential compliance issues with Town code. Services included coordinating subsurface investigations, sampling of various media, methane surveys, tidal surveys, technical oversight of investigation activities.
- **Technical Services, multiple sites, Town of Huntington.** Provide technical review of environmental investigations and soil management plans prepared for proposed development for the Planning Division to asses if the proposed development has been properly evaluated in accordance with town requirements.

MGP Site Experience

- **Field Team Leader, Property Transfer of MGP sites**. Conducted soil and groundwater sampling at several Nicor MGP sites in Illinois prior to property transfer to Con Edison. Coordinated sampling crews, oversaw sampling and sample management, and implemented HASP monitoring.
- **Project Manager, Geophysical Investigation at Brooklyn Union Greenpoint MGP site.** Developed and implemented a geophysical investigation at an MGP site that was subject to differential settlement. Coordinated with client and subcontractors, oversaw survey activities, implemented HASP, interpreted results, and prepared a report to document the completed work.

Other

- **Project Manager, RCRA Closure, Nassau County, NY** Coordinated RCRA closure activities and performed confirmatory sampling at a former package manufacturing and printing facility in Nassau County, NY. Project duties included preparation of a closure work plan, contractor procurement, a subsurface site investigation, rinseate sampling, and regulatory agency reporting and coordination, and preparation of a closure report.
- **Project Manager, Former Landfill, Suffolk County, NY.** Prepared a remedial design (RD) work plan for a former hospital landfill on Long Island. The RD work plan included a summary of past investigations, a materials management plan for the excavation and disposal of contaminated soils and debris, a post-excavation sampling plan, a site restoration plan, community air monitoring plan (CAMP), health and safety plan (HASP) and a quality assurance and quality control (QA/QC) plan.

- **Project Manager, Air Monitoring, Nassau County, NY.** Managed and performed monthly soil gas sampling and quarterly indoor air quality sampling at an elementary school in southwestern Nassau County, NY. The monitoring and associated NYSDEC reporting were performed to ensure that a gasoline groundwater plume migrating through the school property was not impacting indoor air at the school.

- **Project Manager, Environmental Compliance, Multiple Sites.** Performed compliance inspections to assess issues of potential environmental concern at manufacturing, aviation, trucking, retail, and not-for-profit facilities.

FPM group

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Kevin F. Loyst, PE, PMP

Engineering and Environmental Science

Mr. Loyst has over 25 years of experience in environmental and civil engineering involving areas such as design & construction, regulation compliance & permitting, site investigation & remediation, environmental impact analysis, and expert witness testimony.

His clients include Federal agencies – USACE, US Army, USAF, FAA, USCG, USDA, USPS, IRS, VA; State agencies – NYSOGS, NYS Parks, NYSDOT, DASNY, NYSOMH, NYSDEC, NYS Police; City agencies – NYCT, NYCDEP, NYCDOC; Municipalities – Riverhead, Islip, Brookhaven, Smithtown, East Hampton, Village of Lake Success, Greenburgh, City of Rye and numerous private clients.

Functional Role	Title	Years of Experience
Program Manager	**Corporate Vice President Department Manager - Environmental Engineering**	**29**

Personal Data

Education

M.S./1997/Environmental Engineering – New York University (formerly Brooklyn Polytechnic University)
B.S./1989/Interdisciplinary Engineering & Management– Clarkson University
B.S./1988/Civil and Environmental Engineering – Clarkson University

Registration and Certifications

Licensed Professional Engineer in State of New York
Project Management Professional
NYSDEC Stormwater Qualified Inspector Training
OSHA-approved 40-hr Health and Safety Training
OSHA-approved 8-hr Refresher Training Course
OSHA 8-hr HAZWOPER Supervisor Training

Societies/Associations

American Society of Civil Engineers
Project Management Institute

Employment History

1992 to Present	FPM Group
1989-1992	Westinghouse Electric Corp.

Technical Seminars

Stormwater, Soil Erosion & Sediment Control, Hazardous Waste/RCRA, Emergency Planning & Community Right-To-Know (EPCRA), Environmental Impact Analysis/NEPA/EIS/EA, Air/CAA, Soil Remediation

Detailed Experience

Design & Construction

- Performed site reconnaissance, surveying, identification, and enumeration activities to develop plans, specifications, and environmental permitting for NYSOGS for processing waste tire materials into beneficial shred material to be used by the New York State Department of Transportation (NYSDOT) in road construction projects and landfills. Following the development of plans and specifications, FPM assisted NYSOGS with bidding phase services including contractor award and construction/ remediation/restoration/ oversight. In total approx. 20 million tires were recycled at four sites across New York State (Smithtown, Saugerties, Catskill, and Plattsburgh).
- Prepared Program Reports and Design services for NYSOGS/ NYSDOT water supply treatment facilities in Wellsville, N. Java, and Oswego, NY.
- Evaluated existing site drainage design issues and provided corrective action for NYSOGS/DMNA AAFS in Rochester, NY.
- Investigated and designed corrective actions for failing maintenance bay trench drains at NYS Police Headquarters in Farmingdale, NY.
- Performed SWPPP services for NYSOGS/NYSPolice including weekly construction inspections and filing NOT upon project completion for new State Police zone headquarters in Hempstead, NY.
- Reviewed, prepared, and implemented numerous State Pollutant Discharge Elimination System (SPDES) General Permits for Stormwater Discharges from Construction Activities, Stormwater Pollution Prevention Plans (SWPPPs), and Soil Erosion and Sediment Control Plans for NYSOGS, NYSDEC, NYCDEP, municipalities, and private clients.
- Hazardous material storage area design for NYSOGS, NYSParks, and industrial facilities in accordance with Suffolk County and Nassau County regulations and containment provisions (e.g., containment buildings, bermed epoxy coated storage areas).
- Conventional subsurface sewage disposal system and reduced pressure zone device designs and construction management services for NYSOGS and numerous governmental, municipal, and private facilities.
- Hydrologist consultant to New York City Transit (NYCT) involving numerous drainage studies and investigation of mitigation measures for stormwater and groundwater issues at bus depots, train yards, and subway stations.

- Hydrologist consultant to Town of Greenburgh involving the review of EIS documents, Stormwater Management Plans, Soil Erosion and Sediment Control Plans, drainage calculations, and modeling for proposed development projects on sites up to 300 acres.
- Hydrologist consultant to City of Rye involving site design review, flooding analyses, and environmental impact assessment for a 10-acre Brownfield remediation/development project.
- Prepared SWPPP and performed bi-weekly stormwater inspections for a NYCDEP 11-acre, 30 million gallon combined storage overflow facility in Brooklyn, NY.
- Performed dye-testing studies at several NYCT facilities in NYC and La Salle Military Academy in Oakdale, NY to identify discharges and remedies.
- Assisted NYCT with design mitigation measures and resiliency projects for critical infrastructure damaged during Hurricane Sandy.
- Design and construction services for rehabilitation and stabilization of streams and drainage channels for USACE in Binghamton, Endicott and Johnson, NY, and Danville, PA.
- Runoff calculations, drainage alternatives, and best management practices for site development projects in Long Island, NYC, and Westchester County.
- Evaluation and rehabilitation of groundwater well dewatering pumping systems for NYCT via downhole camera videotaping, riser swab cleaning, high velocity jetting, pump test analysis, specific capacity testing, and pump redesign.
- Performed leak investigation studies, and designed corrective measures for MTA Grand Central Station and South Ferry Station in Manhattan, NY.
- Certified numerous types of reports including periodic review, feasibility study, engineering, and work plans for inactive hazardous waste disposal (NYS Superfund) and environmental restoration program (ERP) sites.
- As Village of Lake Success environmental consultant, involved in groundwater pump and treat system quarterly OU-1 and OU-2 remedial system reporting, OMM and SSDS design review, indoor air quality monitoring, and overseeing sub-slab construction activities.
- Removal, recycling, and disposal of over 10,000 cy of construction and demolition debris at various waste management areas on Plum Island, NY involving development of plans and specifications, cost estimating, and construction oversight for USDA.
- Soil erosion and sediment control plans and certifications for FAA airport navigational aid projects.
- Performed Dam Classification, Spillway Analysis, and Design services for NYSParks repair/replacement of Connetquot Dam in Long Island, NY.
- Analyzed existing Paumanok Village Sewage Treatment Plant design to evaluate if 60 additional condominium units could be accommodated.
- Porous pavement designs and evaluations for NYCT bus depots.
- Prepared Remedial Design Report, plans and specifications, bid phase services, and construction supervision for remediation of a 3-acre VNSA landfill in Huntington, NY.
- Assisted the Town of Riverhead with capping estimates, feasibility study for reclaiming and capping a reduced landfill and engineering reviews for a full Part 360 landfill cap design.
- Development of plans and specifications for asbestos abatement projects for elementary schools in Long Island.
- Asbestos abatement specification reviews for FAA facility rehabilitations.
- Designed new track and field athletic complex at USCG Academy, New London, CT involving NCAA regulation 8-lane track with synthetic type running service, separate event throwing areas, NCAA regulation soccer field inside the track and all necessary elements for typical collegiate facilities (lighting, grandstand, scoreboard, etc.) Critical design aspects included managing infiltration and surface water runoff for discharge into Thames River and environmental permitting (SWPPP and coastal zone consistency determination).
- Performed study and conceptual design of an equalization tank for storing roof runoff to be used at two NYCT bus depots in Manhattan and Staten Island.
- Soil Vapor Intrusion (SVI) and sub slab depressurization system (SSDS) design work for office buildings and aircraft hangar/warehouses at former Griffiss AFB and 1.3 million sf of office building in Nassau County.
- Prepared plans for relocation of scales/scalehouse at a waste transfer/recycling facility in Islip, NY.
- Acquired Joint Application/Water Withdrawal Permits and prepared Engineering Report and Plans for construction of a lowered hydraulic connection between 2 lakes in Lake Success, NY.
- Sub-slab depressurization system (SSDS) design including a horizontal well and blower system for a DASNY and NYS Office of Alcoholism and Substance Abuse Services (OASAS) 4,000 sf facility on a 1-acre parcel on a municipal landfill in the City of Peekskill.
- Designed an 80'x45'x30' deep recharge basin with infiltration wells for an 11-acre NYCT bus depot in Staten Island, NY.
- Provided water well treatment design services for a golf course irrigation system in Lake Success, NY.
- Designed ground mounted 10kw Photovoltaic system for a Town of Islip Compost Facility.

- Performed condition assessments for the Latimer Reef and Little Gull Light Stations in Southold, NY.
- Feasibility Study (FS) to prevent the potential migration of a PCB oil pool/contaminated aqueous plume and peat layer settlement due to dewatering activities at Sunnyside Yard, Queens.
- FS for disposal alternatives for permanent subway dewatering activities in Brooklyn and Manhattan, NY.
- FS for property consolidations and expansion of shopping centers in Long Island. Site development potential was evaluated in accordance with local ordinances/codes.
- Evaluated roof leaks, mold investigation, and designed corrective action for Great Neck Post Office, NY.

Regulation Compliance/Permitting

- Suffolk County Department of Health Services (SCDHS) Article 12 and Nassau County Department of Health (NCDOH) Article 11 Toxic and Hazardous Material Storage Facility Permits for NYSOGS, USPS, NYS Parks, and private clients.
- UST compliance inspections in accordance with NYSDEC - Petroleum Bulk Storage (PBS) and Chemical Bulk Storage (CBS) regulations; SCDHS Article 12; NCDOH Article 11; and National Fire Protection Agency (NFPA) codes for NYSOGS, NYSDOT, USPS, and private clients.
- Department of Environmental Conservation (NYSDEC) State Pollution Discharge Elimination System (SPDES) permits for industrial and stormwater discharges for NYSOGS, NYCT, USPS, and private clients.
- Environmental compliance audits covering the Clean Air Act (CAA), Resource Conservation and Recovery Act (RCRA), Clean Water Act (CWA), Emergency Planning and Community Right to Know Act (EPCRA), and local regulations involving areas such as hazardous material storage for USPS and private clients.
- Air permitting and associated reporting including Title V and 76-19-3 air permits; new source review; seasonal variance applications; BACT analysis; emission statements; EPA NESHAP surveys, annual and semi-annual compliance certifications; Air Guide 1 and Screen 2 modeling; Air Facility Registrations; air quality assessments; emission reduction credits, and stack testing for VA, Islip, and private clients.
- Performed RCRA compliance activities involving waste stream characterizations; waste minimization; pollution prevention; manifest tracking; preparation of quarterly, annual, and bi-annual reports; and training for USPS and private clients.
- Prepared hazardous waste closure plans in accordance with 6NYCRR 373-3 and implemented closure of hazardous waste management areas in accordance with 6NYCRR 373-3.7(c) for private clients.
- Performed EPCRA/Sara Title III audits, reporting and investigated administrative complaints for private clients.
- Prepared, reviewed, and certified numerous Spill Prevention Control and Countermeasure Plans (SPCCPs) in accordance with 40 CFR Part 112 for NYSParks, NYCDOC, and private clients.
- UST Closure activities for private clients in Long Island, NY in accordance with SCDHS requirements.
- SCDHS Article 7 compliance reviews for restricted chemical storage for private clients.
- SCDPW sewer connection and agreements for private clients.
- Prepared and acquired NYCDEP construction dewatering permits for private clients in NYC.
- Developed Stormwater Management Plan for Town of Smithtown in response to USEPA notice of violations.
- Prepared SAPs and performed Indoor Air Quality Sampling for VOCs and mold for municipalities and industrial clients in Long Island.
- Baseline and semi-annual monitoring, BMR and SMR reporting, and sampling for wastewater discharges for compliance with NYCDEP and SCDPW requirements.
- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Monitoring included calibration and operation of photoionization detector (PID) and flame-ionization detector (FID) for organic vapors and combustible gas indicator (CGI) for methane. Compared results to applicable action levels and took preventative/protective measures as necessary.
- Site Specific Health and Safety Plans (HASPs) for USACE, USDA, NYSOGS, and private clients.
- Sound level studies to determine compliance with local noise ordinances for private clients.
- Prepared engineering reports for Long Island Well permits.
- Prepared Solid Waste Management Plan (SWMP) for Town of Riverhead.
- Performed compliance inspections and corrected NOVs for shellfish operation in Westbury, NY.

Site Investigation & Remediation

- Petroleum Spill Investigations (gasoline, diesel, No. 2 and No. 6 fuel oil, and lubricating oil) and associated closure work for tanks and other types of discharges for NYSOGS, USAF and private clients in the metropolitan and upstate NY regions.
- Identification, characterization, and removal of hazardous material and hazardous waste at industrial facilities and psychiatric centers for NYSOGS and private clients in Long Island and NYC.
- Developed and Implemented SAPs for USCG Station dredging projects in Long Island in accordance with NYSDEC Region 1 Marine Habitat Division protocols.

- Quarterly and semi-annual sampling/monitoring and reporting in accordance with NYSDEC Part 360 regulations for several landfills in Long Island.
- ASTM Phase I Environmental Assessments for property transactions in Suffolk, Nassau, and the five boroughs of New York.
- Sampling and Analysis Plans for Phase II investigations in Long Island and NYC.
- Groundwater, soil, and air sampling at numerous sites on Long Island and NYC for landfill closures, remedial investigations, and petroleum spills.
- Hazardous, Toxic, and Radioactive Waste (HTRW) Surveys and Preliminary Assessments in NY and NJ for FAA and USACE.
- Polychlorinated Biphenyl (PCB) basewide (3500 acres) evaluation of electrical equipment at Griffiss Air Force Base.
- Anthrax sampling for IRS mail sorting facilities in Holtsville, NY, and Andover, MA.
- Performed Indoor Air Quality Studies for office buildings in Long Island, NY.
- Performed Environmental Assessment Boring Programs (EABP) for NYCT stations/substation construction projects.
- Remediation of lead contaminated soil at four water tower sites at Barksdale Air Force Base, LA via excavation/disposal. Feasibility studies, work plans, Health and Safety Plans, Closure Reports, and No Further Response Action Planned Memorandums were prepared in conjunction with the remediation.
- In-situ soil remediation of VOCs through vapor extraction and soil aeration techniques at Long Island and NJ contaminated sites.
- Estimated the remaining volume and footprint for the Youngs Avenue Landfill, Riverhead, NY, which currently was in full scale reclamation mode, via a boring and excavation plan involving numerous deep borings and shallow test pits and topographic surveys/landfill maps.

Environmental Impact Analysis

- Coastal/Biological Monitoring Program components for the USACE, New York District Beach Erosion Control Projects including intertidal ichthyoplankton studies, intertidal offshore finfish studies, nearshore and offshore benthic sampling, water quality analysis, and creel census.
- Cultural resource projects for USACE and FAA in the northeast region including cultural resource surveys; cultural resource assessments; underwater archeology surveys; and recordations.
- Wetland Delineations and Biological Surveys (Grassland Birds) in support of FAA EAs at Teterboro Airport.
- Historic Preservation Plan for Plum Island NY and Historic Structure Report for Plum Island Light Station, Plum Island Animal Disease Center, NY.
- Environmental Scoping Document and presentation agenda for the District's Atlantic Coast of Long Island Fire Island Inlet to Montauk Point, NY Storm Damage Reduction Reformation Study.
- Preliminary Environmental Assessment (PEA) Reconnaissance Studies for USACE Flood Control and Shore Protection Projects in South River, Raritan River Basin, NJ and Cliffwood Beach, NJ.
- Environmental assessment and architectural and historical study for a USMA historical building/site at West Point, NY.
- Draft Supplemental Environmental Impact Statement (EIS) Limited Reevaluation Study for the Deepening of the Arthur Kill/Howland Hook Navigation Channel in NY/NJ.
- Water resources impact analysis for Ramapo Energy Limited Partnership DEIS.
- Long and Short Environmental Assessment Forms (EAFs) for construction and site development projects in Long Island, NY.
- Environmental Assessments for Federal Aviation Administration (FAA) navigational aid projects at numerous airports in the northeast region in accordance with the National Environmental Policy Act (NEPA) and FAA order 1050.1D Policies and Procedures for Considering Environmental Impacts. Airport projects included Instrument Landing Systems (ILS), Approach Lighting Systems, Remote Transmitters, Doppler Equipment, Air Traffic Control Towers and Air Route Traffic Control Centers. Airports and support areas included Teterboro, Richmond Intl, Baltimore Washington Intl, Syracuse-Hancock Intl, Newark Intl, Stewart, Philadelphia Intl, LaGuardia Intl, and Leesburgh.
- Environmental assessments for the Army and Air Force Exchange Service (AAFES) at bases in Oahu, HI in accordance with NEPA, AR-200 Environmental Effects of Army Actions and DOD Directive 6050.1 Environmental Effects in the US of DOD Actions. Projects included capital improvement projects at Schofield Barracks, Helemano Military Reservation, Aliamanu Military Reservation, and Bellows Air Force Base.
- Surveying and mapping 3 shoreline and wetland conservation areas as part of a stipulation agreement between NYSDEC and PIADC on Plum Island, NY.
- Environmental Assessment for Rehabilitation of the Mine Lake Dam for USAG West Point, NY.
- Long Form EAF and Pine Barrens Core Preservation Area application for Westhampton Ready Mix Corp.
- Evaluated stormwater and subsurface impacts for D/FEIS and Findings Statement for parking improvements and conversion of building use from warehouse to office space at a 93-acre site in Village of Lake Success/Town of North Hempstead, NY.

- Evaluated Planned Development District (PDD) Alternatives for former 105-acre Dowling College site in Brookhaven, NY.

Expert Witness Testimony

- Beach erosion and accretion issues and evaluation of engineering/construction alternatives for case between Sea Gate Beach Club and USACE.
- Hazardous waste and disposal issues for case between defendant/Salinger & Sack and Ecolab, Inc.
- Engineering and Permitting issues for case between Town of Brookhaven and BRT for new rail line in Yaphank, NY. Landfill volume evaluation and closure alternatives for case between Town of Riverhead and Grimes Contracting.
- Hydrology and stormwater issues for case between Town of Greenburgh and Fortress Bible Church.
- Site contamination and site management plans, engineering and institution control issues for case between Town residents and City of Glen Cove/developers in Glen Cove, NY.

FPM group

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Jacob Stumm

Engineering and Environmental Science

Mr. Stumm has a diversified experience in geology and hydrogeology. His professional experience includes groundwater and landfill gas monitoring at landfills, groundwater and soil investigations, Phase I Environmental Site Assessments, soil remediation projects, soil vapor intrusion evaluation, maintenance of groundwater, soil and soil vapor remediation systems, and evaluation of site compliance with environmental regulations.

Functional Role	Title	Years of Experience
Hydrogeologist	Hydrogeologist	2

Personal Data

Education
BS/Geology/SUNY Stony Brook/2020
AA/General Studies/SUNY Suffolk/2017

Employment History
2022 – Present FPM Group
2021 – 2022 PW Grosser Consulting

Certifications
OSHA 40-hr HAZWOPER
OSHA Supervisor Training
OSHA 30-hr Construction Safety

Detailed Experience

Landfills

- Hydrogeologist, Town of East Hampton – Conducts ongoing groundwater and landfill gas monitoring programs for the Springs-Fireplace Road and Montauk landfills. Responsibilities include collection of groundwater samples for routine and baseline testing, landfill gas monitoring and reporting, tabulation of analytical data, and report preparation.
- Hydrogeologist, Town of Smithtown – Conducts quarterly monitoring for routine and baseline Part 360 parameters at groundwater monitoring wells and leachate collection chambers. Responsibilities include purging and sampling monitoring wells, stability parameter monitoring, sample management, and data collection.

Site Investigation and Monitoring

- Performs soil, soil vapor, indoor air and groundwater monitoring and sampling at commercial, industrial, and municipal sites throughout Long Island and the New York metropolitan area. Monitoring and sampling activities are conducted in accordance with NYSDEC-approved work plans, Phase II work plans, and regulatory agency requirements.
- Conducts Phase I and II Environmental Site Assessments (ESAs) for various residential, commercial, industrial and vacant sites in New York State in accordance with the ASTM Standard. Phase I ESA tasks included site inspections, interviews, evaluation of state and federal databases, record reviews at local and state government agencies, and reports.
- Skilled in use and calibration of field equipment including photoionization detectors (PID), combustible gas indicator (CGI), water-level meters, interface probes, groundwater quality instrumentation, and survey equipment.
- Performed soil and groundwater investigations at various properties utilized for agriculture and horticulture to evaluate the impact of past herbicide and pesticide usage on the underlying soil and groundwater.
- Performed data tabulation and evaluation relative to established regulatory agency criteria including USEPA, NYSDEC, NCDOH, and SCDHS.

Remediation

- Field Technician - Operates and maintains remediation systems, including soil vapor extraction, air sparge systems, groundwater pump and treat, and sub-slab depressurization systems.
- Performed storm water and sanitary leaching structures cleanouts utilizing excavation and/or vacuum assisted equipment to remove contaminated sediments and liquids. Other duties included waste characterization and profiling, pipe camera surveys and structure locating utilizing water soluble dyes and electronic locating equipment.
- Participated in the installation and procurement of numerous multi-depth soil vapor and air sparge remediation systems on Long Island to remediate subsurface soils and groundwater impacted with chlorinated and non-chlorinated volatile organic compounds.

Other duties have included remediation system operation and maintenance, and evaluations of system performance

- Participated in the delineation and removal of metal-impacted soils associated with a former metal plating factory on Long Island. Project duties included directing soil removal activities, manifesting, confirmatory endpoint sampling, and restoration activities oversight.

Other

- U.S. Geological Survey, Water Science Center, Coram, NY – Volunteer 2018-2020. Assisted short- and long-term research studies on the application of advanced surface and borehole geophysical techniques in the assessment of conductive groundwater plumes, mapping Long Island's hydrogeologic framework, and delineation of saltwater intrusion. Experience included groundwater levels, groundwater sampling, aquifer testing, data entry and analysis, gamma log, electric log, electromagnetic induction log, and time domain electromagnetic surface geophysical soundings.

APPENDIX C

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

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

Site Details **Box 1**

Site No. **V00253**

Site Name 90-30 Metropolitan Avenue

Site Address: 90-30 METROPOLITAN AVENUE Zip Code: 11374
City/Town: Rego Park
County: Queens
Site Acreage: 1.870

Reporting Period: January 31, 2024 to January 31, 2026

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00253 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
3884-34	Regency Centers, L.P.	Monitoring Plan O&M Plan

Site management at the 90-30 Metropolitan Avenue, Rego Park, NY Voluntary Cleanup Program Site (#V00253-2) is conducted under an Operation, Maintenance, and Monitoring (OM&M) Plan submitted as an appendix to the November 2009 Final Engineering Report. The OM&M Plan includes a summary of the existing Site conditions and a description of the approved remedial program, an Engineering and Institutional Control (EC/IC) Plan, a Monitoring Plan with provisions for groundwater and EC remedial system monitoring, an Operation and Maintenance (O&M) Plan with procedures for EC and monitoring system O&M, and an O&M Reporting Plan with procedures for reporting site inspections, monitoring results, and EC/IC certification.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
3884-34	Air Sparging/Soil Vapor Extraction

The EC for the Site consists of an air sparge/soil vapor extraction (AS/SVE) system designed to remediate a plume (main site plume) of tetrachloroethylene (PCE) -impacted groundwater. Part of the SVE portion of the system was also designed to prevent the migration of sub-slab soil vapor into the Site building. A portion of the AS/SVE system was installed to treat PCE-impacted groundwater migrating onto the Site from an adjoining property (western bowling alley plume). The performance of the EC is monitored via effluent monitoring and groundwater monitoring. The ICs for the Site consist of site restrictions implemented under a Declaration of Covenants and Restrictions (deed restriction). Site restrictions include restriction of Site usage to commercial and industrial purposes, prohibition of Site groundwater use without treatment to render it suitable for its intended purpose, and maintenance of the ECs and ICs.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☒	☐

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

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

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

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

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

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

YES	NO
☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00253

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Monica Roth (print name) at One Independent Drive, Suite 114, Jacksonville, FL 32202 (print business address),

am certifying as Equity One (Metropolitan) LLC (Owner or Remedial Party)

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

Monica Roth

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

May 1, 2026

Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I KEVIN LOYST at FPM GROUP, 640 JOHNSON AVE, SUITE 101, BOHEMIA NY 11716

print name | print business address

am certifying as a Professional Engineer for the _____

(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		4-30-26

APPENDIX D
SITE-WIDE INSPECTION LISTS

Site-Wide Inspection List
90-30 Metropolitan Avenue, Rego Park, New York

Date of Inspection: October 2024

Site-wide inspections will be performed annually, at a minimum. A site-wide inspection shall also be performed after severe events that may affect the Engineering Controls (ECs) or monitoring wells.

The following inspection form shall be completed during each site-wide inspection. Supporting documentation shall be attached, as necessary. The completed site-wide inspection checklist and supporting documentation shall be included in the associated Annual Operation, Monitoring and Maintenance (OM&M) Report.

Compliance with Institutional Controls

Institutional Controls (ICs) are required for this Site to restrict Site usage and will be implemented with a deed restriction. These ICs are described conceptually in Section 2.3 of the OM&M Plan and the IC checklist will become applicable following the filing of the deed restriction. The following checklist will be modified as necessary to match the final ICs for the Site and will be completed during each Site-wide inspection following recording of the deed restriction to confirm compliance with the Site ICs:

- The Site may be used for commercial use only (to exclude daycare, child care, and medical care uses) unless express written waiver of this covenant is provided by the NYSDEC. Confirm that Site usage is compliant: Yes, the site usage complies. Tenants include Staples, Trader Joe's, and Michael's Arts and Crafts.

- The Site Owner shall continue and maintain the ICs required until the Owner obtains permission to discontinue such controls from the NYSDEC. Confirm that the ICs are in place or confirm that permission to discontinue the ICs has been obtained: Yes, the IC's are in place (Deed restriction recorded 9/11/09). The IC's include restrictions on site usage (commercial or industrial) and restriction on groundwater usage.

- The deed restriction is a covenant that shall run with the land and shall be binding upon all future owners of the Site. The deed restriction shall provide that the Owner and its

successors and assigns consent to enforcement by the NYSDEC of the prohibitions and restrictions required for the Site under the deed restriction. Confirm that the deed restriction remains in effect or that the NYSDEC has consented to termination of the deed restriction: Yes, the deed restriction remains in effect and was recorded on 9/11/09.

- Any deed of conveyance of the Site, or any portion thereof, shall recite that the conveyance is subject to the deed restriction, unless the NYSDEC has consented to the termination of the deed restriction. Confirm whether any new deeds of conveyance have been recorded during the reporting period. If so, is the necessary language regarding the deed restriction included? On September 1, 2011 the deed was conveyed from DPSW Forest Hills LLC to Equity One (Metropolitan) LLC. The deed conveyance states that it is subject to all restrictions and covenants pertaining to the premises. Regency Centers purchased the assets of Equity One (Metropolitan) LLC in April 2017, including all restrictions and covenants associated with the premises. FPM was subsequently retained by Regency Centers to implement the OM&M Plan.
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for the intended purpose. Confirm that groundwater use is not occurring: Groundwater use is not currently occurring or contemplated.

Compliance with Engineering Controls

The Site is equipped with an air sparge/soil vapor extraction system as an Engineering Control (EC). This EC will continue until the criteria for termination of the EC are met, as described in Section 2.2.2 of the OM&M Plan. This checklist will be used for the duration of the operation of the EC.

- An Engineering Control (air sparge/soil vapor extraction system) must be operated and maintained as specified in the OM&M Plan for the Site. Confirm operation and maintenance of Engineering Control and attach checklists: The EC was not in operation during the reporting period with approval from the NYSDEC.

- Using the completed checklists from Attachment 4 of this OM&M Plan, provide a written evaluation of the condition and continued effectiveness of the EC: _The AS system was restored to full operation on October 25, 2018. In early 2019 the SVE blower went offline. An evaluation of the system indicated that the system had reached it's useful life, a corrective measure work plan was implemented to address groundwater conditions. SVI testing was performed in 2019 & 2021 it was noted that SVI does not appear to be a concern.

General Site Conditions

Provide a written description of the Site conditions at the time of the site-wide inspection. Attach digital photographs or other supporting information as needed: __Building use is in commercial retail – occupancy by three retail tenants (Staples, Michael's and Trader Joe's.

OM&M Activities

- Annual inspections and certifications must be conducted in accordance with the OM&M Plan. Confirm compliance with annual inspections and certifications: _Annual inspections and certifications are in compliance.

- Groundwater and other environmental or public health monitoring, and reporting of information thus obtained, must be performed in a manner specified in the OM&M Plan until the monitoring program is terminated. Confirm that the required monitoring and reporting are in accordance with the OM&M Plan: Yes, groundwater monitoring has been performed in substantial conformance with the OM&M plan and modifications approved by NYSDEC.

- Onsite environmental monitoring devices, including but not limited to groundwater monitoring wells, will be protected and replaced as necessary to ensure continued functioning in the manner specified in the OM&M Plan until the monitoring program is terminated. Confirm that monitoring devices have been protected and/or replaced: _Yes, monitoring devices have been protected in accordance with the OM&M Plan._

Provide a discussion and assessment of ongoing OM&M activities including, but not limited to groundwater monitoring, well replacement/repair, and other applicable and pertinent activities. Attach supporting documentation as necessary: The monitoring well network continues to remain in good condition and is suitable for its purpose.

Compliance with Schedules

The OM&M Plan includes a schedule for groundwater monitoring well maintenance and AS/SVE system maintenance. Discuss compliance with the groundwater monitoring well and AS/SVE system maintenance schedules: Groundwater monitoring well maintenance is conducted as per the approved modifications to the OM&M Plan.

Site Records

The Site records include, but are not limited to, groundwater monitoring reports, EC inspection checklists, site-wide inspection checklists, non-routine notifications to the NYSDEC, regulatory agency correspondence, reports, and the Annual OM&M Report. Confirm that each type of Site record is up to date and provide comments: Yes, records are up to date as required.

Inspector Information

Name and Affiliation of Inspector: Jake Stumm, FPM Group

Date of Inspection: October 31, 2024

Reason for Inspection: 2024 annual site-wide inspection.

List additional inspections or activities conducted in association with this inspection: Groundwater Monitoring.

Site-Wide Inspection List
90-30 Metropolitan Avenue, Rego Park, New York

Date of Inspection: October 2025

Site-wide inspections will be performed annually, at a minimum. A site-wide inspection shall also be performed after severe events that may affect the Engineering Controls (ECs) or monitoring wells.

The following inspection form shall be completed during each site-wide inspection. Supporting documentation shall be attached, as necessary. The completed site-wide inspection checklist and supporting documentation shall be included in the associated Annual Operation, Monitoring and Maintenance (OM&M) Report.

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Institutional Controls (ICs) are required for this Site to restrict Site usage and will be implemented with a deed restriction. These ICs are described conceptually in Section 2.3 of the OM&M Plan and the IC checklist will become applicable following the filing of the deed restriction. The following checklist will be modified as necessary to match the final ICs for the Site and will be completed during each Site-wide inspection following recording of the deed restriction to confirm compliance with the Site ICs:

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- The Site Owner shall continue and maintain the ICs required until the Owner obtains permission to discontinue such controls from the NYSDEC. Confirm that the ICs are in place or confirm that permission to discontinue the ICs has been obtained: Yes, the IC's are in place (Deed restriction recorded 9/11/09). The IC's include restrictions on site usage (commercial or industrial) and restriction on groundwater usage.

- The deed restriction is a covenant that shall run with the land and shall be binding upon all future owners of the Site. The deed restriction shall provide that the Owner and its

successors and assigns consent to enforcement by the NYSDEC of the prohibitions and restrictions required for the Site under the deed restriction. Confirm that the deed restriction remains in effect or that the NYSDEC has consented to termination of the deed restriction: Yes, the deed restriction remains in effect and was recorded on 9/11/09.

- Any deed of conveyance of the Site, or any portion thereof, shall recite that the conveyance is subject to the deed restriction, unless the NYSDEC has consented to the termination of the deed restriction. Confirm whether any new deeds of conveyance have been recorded during the reporting period. If so, is the necessary language regarding the deed restriction included? On September 1, 2011 the deed was conveyed from DPSW Forest Hills LLC to Equity One (Metropolitan) LLC. The deed conveyance states that it is subject to all restrictions and covenants pertaining to the premises. Regency Centers purchased the assets of Equity One (Metropolitan) LLC in April 2017, including all restrictions and covenants associated with the premises. FPM was subsequently retained by Regency Centers to implement the OM&M Plan.
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for the intended purpose. Confirm that groundwater use is not occurring: Groundwater use is not currently occurring or contemplated.

Compliance with Engineering Controls

The Site is equipped with an air sparge/soil vapor extraction system as an Engineering Control (EC). This EC will continue until the criteria for termination of the EC are met, as described in Section 2.2.2 of the OM&M Plan. This checklist will be used for the duration of the operation of the EC.

- An Engineering Control (air sparge/soil vapor extraction system) must be operated and maintained as specified in the OM&M Plan for the Site. Confirm operation and maintenance of Engineering Control and attach checklists: The EC was not in operation during the reporting period with approval from the NYSDEC.

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Provide a written description of the Site conditions at the time of the site-wide inspection. Attach digital photographs or other supporting information as needed: __Building use is in commercial retail – occupancy by three retail tenants (Staples, Michael's and Trader Joe's.

OM&M Activities

- Annual inspections and certifications must be conducted in accordance with the OM&M Plan. Confirm compliance with annual inspections and certifications: _Annual inspections and certifications are in compliance.

- Groundwater and other environmental or public health monitoring, and reporting of information thus obtained, must be performed in a manner specified in the OM&M Plan until the monitoring program is terminated. Confirm that the required monitoring and reporting are in accordance with the OM&M Plan: Yes, groundwater monitoring has been performed in substantial conformance with the OM&M plan and modifications approved by NYSDEC.

- Onsite environmental monitoring devices, including but not limited to groundwater monitoring wells, will be protected and replaced as necessary to ensure continued functioning in the manner specified in the OM&M Plan until the monitoring program is terminated. Confirm that monitoring devices have been protected and/or replaced: _Yes, monitoring devices have been protected in accordance with the OM&M Plan._

Provide a discussion and assessment of ongoing OM&M activities including, but not limited to groundwater monitoring, well replacement/repair, and other applicable and pertinent activities. Attach supporting documentation as necessary: The monitoring well network continues to remain in good condition and is suitable for its purpose.

Compliance with Schedules

The OM&M Plan includes a schedule for groundwater monitoring well maintenance and AS/SVE system maintenance. Discuss compliance with the groundwater monitoring well and AS/SVE system maintenance schedules: Groundwater monitoring well maintenance is conducted as per the approved modifications to the OM&M Plan.

Site Records

The Site records include, but are not limited to, groundwater monitoring reports, EC inspection checklists, site-wide inspection checklists, non-routine notifications to the NYSDEC, regulatory agency correspondence, reports, and the Annual OM&M Report. Confirm that each type of Site record is up to date and provide comments: Yes, records are up to date as required.

Inspector Information

Name and Affiliation of Inspector: Jake Stumm, FPM Group

Date of Inspection: October 31, 2025

Reason for Inspection: 2025 annual site-wide inspection.

List additional inspections or activities conducted in association with this inspection: Groundwater Monitoring.

APPENDIX E

GROUNDWATER SAMPLING FORMS

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-10 Well Diameter: 2"

Date: 5/15/24 Start Time: 12:45

Weather: 60°F, Rainy Finish Time: 13:00

Sampled By: JS/VM

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 41.77 Feet.

Height of Water Column: 43.33 Feet.

Water Volume in Casing: 7.06 Gallons.

Water Volume to be Purged: 21.18 Gallons.

Water Volume Actually Purged: 22 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~~25~~ ~5	7.62	2650	63.0	51
	~~20~~ ~10	7.82	2500	63.0	31.48
	~15	7.89	2410	62.4	29.34
	~20	7.87	1835	62.4	27.45

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-07 Well Diameter: 2"

Date: 5/15/24 Start Time: 11:40

Weather: 60°F, Rainy Finish Time: 11:55

Sampled By: JS/UM

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 42.71 Feet.

Height of Water Column: 73.50 Feet.

Water Volume in Casing: 11.98 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~10	8.01	2350	62.6	25.82
	~20	7.90	1784	61.3	15.53
	~30	7.80	1757	60.8	13.62

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-15 Well Diameter: 2"

Date: 5/15/24 Start Time: 8:40

Weather: 60°F, Rainy Finish Time: ~~9:00~~ 8:50

Sampled By: JS/VM

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 40.11 Feet.

Height of Water Column: 12.84 Feet.

Water Volume in Casing: 2.09 Gallons.

Water Volume to be Purged: 6.2 Gallons.

Water Volume Actually Purged: 7 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:43	~ 2	8.08	1232	63.7	37.52
8:45	~ 4	8.17	1197	63.3	19.91
8:47	~ 6	8.15	1123	63.3	11.18

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: ME-8 Well Diameter: 4"

Date: 5/15/24 Start Time: 9:00

Weather: 60°F, Rainy Finish Time: 9:15

Sampled By: JS/VM

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 40.11 Feet.

Height of Water Column: 16.40 Feet.

Water Volume in Casing: 10.70 Gallons.

Water Volume to be Purged: 32 Gallons.

Water Volume Actually Purged: 32 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:05	~10	7.86	1629	63.9	31.40
9:10	~20	7.96	1580	63.7	21.89
9:15	~30	8.02	1702	63.5	10.77

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: ME-13 Well Diameter: 4"

Date: 5/15/24 Start Time: 9:30

Weather: 60°F, Rainy Finish Time: 9:45

Sampled By: JS/VM

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 40.19 Feet.

Height of Water Column: 17.93 Feet.

Water Volume in Casing: 11.70 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
935	~12	7.91	3240	63.1	17.44
9:40	~24	8.03	2720	63.1	12.26
9:45	~35	8.12	2700	63.1	3.11

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: MW-113 Well Diameter: 2"

Date: 5/15/24 Start Time: 9:50

Weather: 60°F, Rainy Finish Time: 10:20

Sampled By: JS/UM

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 40.85 Feet.

Height of Water Column: 86.08 Feet.

Water Volume in Casing: 14.03 Gallons.

Water Volume to be Purged: 42 Gallons.

Water Volume Actually Purged: 45 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:55	~10	8.61	284	61.3	20.8
10:00	~20	8.51	166.4	62.7	51
10:05	~30	8.27	15.9	62.4	87
10:10	~40	8.32	278	62.2	152

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-02 Well Diameter: 2"

Date: 5/15/24 Start Time: 10:35

Weather: 60°F, Rainy Finish Time: 10:45

Sampled By: JS/VM

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: 42.03 Feet.

Height of Water Column: 17.09 Feet.

Water Volume in Casing: 2.78 Gallons.

Water Volume to be Purged: 8.5 Gallons.

Water Volume Actually Purged: 8.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD *

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~2	7.86	1535	63	114
	~4	7.88	1560	62.8	139
	~6	7.98	1564	63.5	53
	~8	7.93	1560	62.8	31.7

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-06 Well Diameter: 2"

Date: 5/15/24 Start Time: 11:00

Weather: 60°F, Rainy Finish Time: 11:10

Sampled By: JS/VM

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 42.53 Feet.

Height of Water Column: 16.92 Feet.

Water Volume in Casing: 2.75 Gallons.

Water Volume to be Purged: 8.2 Gallons.

Water Volume Actually Purged: 10 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * DUP * (A-066)

FIELD MEASUREMENTS: 11:12

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 3	7.96	4840	69.4	19.97
	~ 6	8.18	5500	64.6	37.04
	~ 9	8.38	5550	64.6	11.83

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-08 Well Diameter: 2"

Date: 5/15/24 Start Time: 11:15

Weather: 60°F, Rainy Finish Time: 11:30

Sampled By: JS/UM

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 43.07 Feet.

Height of Water Column: 40.82 Feet.

Water Volume in Casing: 6.65 Gallons.

Water Volume to be Purged: 19 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 5	7.89	5100	64.0	418
	~10	7.73	5150	63.8	157
	~15	7.65	5110	63.0	123
	~20	7.52	5040	63.8	72

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-05 Well Diameter: 2"

Date: 5/15/24 Start Time: 12:00

Weather: 60°F, Rainy Finish Time: 12:10

Sampled By: JS/VM

Depth to Bottom of Well: 59.00 Feet.

Depth to Water: 42.21 Feet.

Height of Water Column: 16.79 Feet.

Water Volume in Casing: 2.73 Gallons.

Water Volume to be Purged: 8.5 Gallons.

Water Volume Actually Purged: 8.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 2	7.86	4100	64.4	57
	~ 4	7.84	4280	63.3	28.78
	~ 6	7.86	4200	63.5	15.28
	~ 8	8.00	4150	63.7	14.79

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-09 Well Diameter: 2"

Date: 5/15/24 Start Time: 12:30

Weather: 60°F, Rainy Finish Time: 12:40

Sampled By: JS/VM

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 41.82 Feet.

Height of Water Column: 16.93 Feet.

Water Volume in Casing: 2.75 Gallons.

Water Volume to be Purged: 8.27 Gallons.

Water Volume Actually Purged: 8.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 2	8.41	1384	63.8	30.46
	~ 4	8.24	1220	630	16.19
	~ 6	8.18	1242	6.30	4.78
	~ 8	8.17	1264	5.66	5.66

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-15 Well Diameter: _____

Date: 10/3/24 Start Time: 8:00

Weather: 60°F, Cloudy 2mph ENE Finish Time: 8:16

Sampled By: JS / VM

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 40.11 Feet.

Height of Water Column: 12.84 Feet.

Water Volume in Casing: 2.10 Gallons.

Water Volume to be Purged: 6.27 Gallons.

Water Volume Actually Purged: ~7 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:03	~ 2	7.43	232	62.4	21.67
8:06	~ 4	7.58	2430	62.1	16.37
8:09	~ 6	7.81	2420	62.4	5.57

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: ME-8 Well Diameter: 4"

Date: 10/3/24 Start Time: 8:25

Weather: 60°F, Cloudy 2mph ENE Finish Time: 8:55

Sampled By: JS/VM

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 40.13 Feet.

Height of Water Column: 16.38 Feet.

Water Volume in Casing: 10.69 Gallons.

Water Volume to be Purged: 30 Gallons.

Water Volume Actually Purged: 30 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: ___

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:30	~ 10	7.84	1476	64.1	17.13
8:40	~ 20	7.93	1783	64.6	9.39
8:50	~ 30	8.12	2420	64.6	1.29

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: ME-13 Well Diameter: 4"

Date: 10/3/24 Start Time: 8:55

Weather: 60°F, Cloudy 2 mph ENE Finish Time: 9:25

Sampled By: JS/JM

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 40.20 Feet.

Height of Water Column: 17.92 Feet.

Water Volume in Casing: 11.70 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: ~35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:05	~12	7.79	3250	64.0	21.12
9:15	~24	8.00	3220	63.9	8.47
9:25	~35	8.01	3230	64.4	7.60

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: MW-113 Well Diameter: 2"

Date: 10/3/24 Start Time: 1:30

Weather: 60°F, Cloudy 2mph ENE Finish Time: 10:10

Sampled By: JS/VM

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 41.14 Feet.

Height of Water Column: 85.79 Feet.

Water Volume in Casing: 13.98 Gallons.

Water Volume to be Purged: 42 Gallons.

Water Volume Actually Purged: ~45 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9040	~~15~~ ~12	7.60	1769	62.1	27.80
9:50	~~30~~ ~24	7.20	1803	6008	154
10:00	~36	7.29	1798	61.3	55
10:10	~45	7.55	1803	611	25.26

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-02 Well Diameter: 2"

Date: 10/3/24 Start Time: 10:35

Weather: 60°F, Cloudy, 2mph ENE Finish Time: 10:45

Sampled By: JS/VM

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: 42.14 Feet.

Height of Water Column: 16.98 Feet.

Water Volume in Casing: 2.76 Gallons.

Water Volume to be Purged: 8.3 Gallons.

Water Volume Actually Purged: [illegible] Gallons. 9

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD *

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 3	7.42	1496	64.6	111
	~ 6	7.41	1618	63.3	61
	~ 9	7.58	1609	63.1	45.18

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-08 Well Diameter: _____

Date: 10/3/24 Start Time: 11:15

Weather: 60°F, Cloudy 2mph ENE Finish Time: 11:35

Sampled By: JS/JM

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 43.51 Feet.

Height of Water Column: 40.38 Feet.

Water Volume in Casing: 6.58 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:22	~7	7.81	4910	62.4	113
11:29	~14	7.65	4890	62.1	52
11:35	~20	7.56	4730	62.2	25.88

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-07 Well Diameter: 2"

Date: 10/3/24 Start Time: 11:40

Weather: 60°F, Cloudy 2mph ENE Finish Time: 12:10

Sampled By: JS/VM

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 43.19 Feet.

Height of Water Column: 73.02 Feet.

Water Volume in Casing: 11.90 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~12	7.45	1774	61.0	7.26
	~24	7.44	1689	60.4	3.24
	~35	7.48	1675	60.6	10.49

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-06 Well Diameter: _____

Date: 10/3/24 Start Time: 11:00

Weather: 60°F, Cloudy 2 mph ENE Finish Time: 11:10

Sampled By: JS/UM

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 42.35 Feet.

Height of Water Column: 17.10 Feet.

Water Volume in Casing: 2.78 Gallons.

Water Volume to be Purged: 8.5 Gallons.

Water Volume Actually Purged: 9 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * DUP * A-066 11:12

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:03	~ 3	7.63	549	63.5	14.12
11:06	~ 6	7.97	568	63.2	8.77
11:09	~ 9	7.93	571	63.4	6.04

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-05 Well Diameter: 2"

Date: 10/3/24 Start Time: 11:15

Weather: 60°F, Cloudy 2mph ENE Finish Time: 12:25

Sampled By: JS/VM

Depth to Bottom of Well: 59 Feet.

Depth to Water: 42.70 Feet.

Height of Water Column: 16.8 Feet.

Water Volume in Casing: 2.74 Gallons.

Water Volume to be Purged: ~8.25 Gallons.

Water Volume Actually Purged: ~10 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~3	7.67	3980	62.8	47.07
	~6	7.41	4120	62.4	33.53
	~9	7.50	4030	62.4	17.55

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-09 Well Diameter: 2"

Date: 10/3/24 Start Time: 12:40

Weather: 60°F, Cloudy 2mph ENE Finish Time: 12:50

Sampled By: JS/VM

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 41.78 Feet.

Height of Water Column: 16.97 Feet.

Water Volume in Casing: 2.76 Gallons.

Water Volume to be Purged: 8.3 Gallons.

Water Volume Actually Purged: ~~25~~ 9 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~3	7.87	1324	62.8	281
	~6	7.66	1288	62.2	105
	~9	7.80	1329	61.9	64

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-10 Well Diameter: 2"

Date: 10/3/24 Start Time: 13:00

Weather: 60°F, Cloudy 2 mph ENE Finish Time: 13:15

Sampled By: JS/VM

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 43.30 Feet.

Height of Water Column: 41.80 Feet.

Water Volume in Casing: 6.81 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
13:05	~7	7.89	2580	61.3	117
13:10	~14	7.77	1826	61.0	283
13:15	~20	7.76	1761	61.0	30.07

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Eurofins (TA) Edison, NJ

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-15

DTW: 41.66'

Total Depth: (52.95')

Pump Type and Rate: Geo Sub 2 / 55-58 Hz (~ 250 ml/min)

Notes: 2" well on sidewalk

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
9:45	41.95'	6.74	284	66.41	171	7.92	122
9:50	42.03'	7.28	296	63.41	121	8.36	28.2
9:55	42.07'	7.37	301	64.08	125	8.19	26.2
10:00	42.05'	7.41	298	64.32	128	8.08	11.2
10:05	42.08'	7.38	297	64.71	124	8.06	8.3
10:10	42.11'	7.37	293	64.83	121	8.03	6.2
10:15	42.13'	7.34	292	64.89	122	8.07	3.4

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: ME-8

DTW: 41.70'

Total Depth: (56.51')

Pump Type and Rate: Geo Sub 2 / 53 Hz (~ 250 ml/min)

Notes: 4" well behind staples * Replace Tubing *

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
10:45	41.79'	7.51	122	64.90	118	6.03	32.4
10:50	41.82'	7.52	219	65.13	108	5.98	28.7
10:55	41.84'	7.53	217	64.74	89	5.14	6.3
11:00	41.85'	7.56	219	65.13	92	5.19	4.9
11:05	41.88'	7.54	220	65.22	97	5.25	3.3
11:10	41.91'	7.53	221	65.39	95	5.19	2.7

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: ME-13

DTW: 41.83'

Total Depth: (58.12')

Pump Type and Rate: GeoSub 2 / 51 Hz (~250ml/min)

Notes: 4" well behind fence (Behind Staples)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
11:20	41.87'	7.23	411	67.89	57	5.94	56.12
11:25	41.89'	7.61	409	67.57	14	3.03	32.53
11:30	41.90'	7.58	398	67.59	5	0.12	30.11
11:35	41.93'	7.55	397	67.66	2	0.38	13.12
11:40	41.97'	7.53	395	67.65	3	1.03	9.22
11:45	41.98'	7.51	401	67.75	2	1.14	8.03

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: MW-113

DTW: 43.10'

Total Depth: (126.93')

Pump Type and Rate: GeoSub 2 / 56 Hz (250 ml/min)

Notes: 2" well (Behind Trader Joe's)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
12:05	43.19'	8.19	747	64.27	88	1.86	168.18
12:10	43.21'	7.88	762	63.59	86	0.79	114.12
12:15	43.26'	7.47	227	63.12	42	3.25	89.14
12:20	43.28'	7.43	229	62.94	39	2.98	80.77
12:25	43.31'	7.38	233	62.88	41	3.02	60.13
12:30	43.35	7.41	239	69.81	47	3.29	39.14

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-02

DTW: 43.37'

Total Depth: (59.12')

Pump Type and Rate: GeoSub 2 / 53 Hz (~ 250ml/min)

Notes: * MS/MSD * 2" well under floor (by register)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
12:55	43.42'	7.89	153	74.11	69	11.29	814
13:00	43.44'	7.77	156	76.06	85	7.39	710
13:05	43.45'	7.74	159	76.11	87	7.41	590
13:10	43.49'	7.76	161	75.98	92	6.89	297
13:15	43.52'	7.73	163	75.81	89	7.12	183
13:20	43.56'	7.74	165	75.77	90	7.17	92.14

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-08

DTW: 45.22'

Total Depth: (83.89')

Pump Type and Rate: GeoSub 2 / 54 Hz (250 ml/min)

Notes: 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
13:40	45.29'	7.17	493	65.68	122	3.39	84.13
13:45	45.31'	7.21	501	63.84	119	1.89	56.18
13:50	45.34'	7.19	504	63.48	121	1.29	30.14
13:55	45.39'	7.15	502	63.52	129	1.18	25.19
14:00	45.41'	7.12	500	63.44	132	1.13	20.83
14:05	45.44'	7.13	498	63.39	129	1.21	17.55

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Ave, Queens NY

Well No.: A-07

DTW: 44.97'

Total Depth: (116.21')

Pump Type and Rate: GeoSub 2/86 Hz (~250ml/min)

Notes: 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
14:25	45.03'	7.88	191	65.26	129	4.47	>1000
14:30	45.07'	7.39	202	64.68	119	3.03	74.03
14:35	45.11'	7.31	211	64.38	98	2.99	14.92
14:40	45.14'	7.29	217	64.22	89	2.75	0.00
14:45	45.18'	7.27	219	64.19	88	2.77	0.00

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-06

DTW: 45.04'

Total Depth: (59.45')

Pump Type and Rate: GeoSub 2 / 66 Hz (~250 mL/min)

Notes: * DUP A-066 * 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
14:55	45.08'	7.98	577	67.06	112	3.08	535
15:00	45.10'	7.91	568	66.79	168	2.98	512
15:05	45.15'	7.89	534	66.06	148	2.59	47.18
15:10	45.18'	7.72	519	65.97	152	7.48	10.17
15:15	45.20'	7.69	521	65.88	154	7.51	4.22
15:20	45.22'	7.63	527	65.81	155	7.58	3.14

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-05

DTW: 43.45'

Total Depth: (59.12')

Pump Type and Rate: GeoSub 2 / 59 Hz (~250mL/min)

Notes: 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
15:45	43.51'	7.19	277	63.86	146	2.75	105
15:50	43.54'	7.24	303	63.73	152	2.81	111
15:55	43.57'	7.19	138	65.67	89	2.47	65.13
16:00	43.61'	7.13	141	65.59	92	2.53	33.14
16:05	43.64'	7.11	140	65.51	91	2.57	22.12

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-09

DTW: 43.31'

Total Depth: (58.75')

Pump Type and Rate: GeoSub 2 / 58 Hz (~ 250 mL/min)

Notes: 2" well (in storeroom)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
16:15	43.41'	8.17	149	65.26	98	6.23	205
16:20	43.47'	7.93	153	64.63	108	4.89	177
16:25	43.49'	7.89	151	64.48	103	3.88	113
16:30	43.51'	7.86	156	64.36	112	3.77	96.12
16:35	43.55'	7.77	158	63.86	98	5.02	13.14
16:40	43.59'	7.71	161	63.75	101	5.12	9.89
16:45	43.62'	7.69	163	63.49	103	5.17	3.49

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-10

DTW: 44.93'

Total Depth: (85.10')

Pump Type and Rate: GeoSub 2 / 59 Hz (~250 mL/min)

Notes: 2" well (in storeroom)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
16:50	45.12'	8.17	533	62.77	103	7.12	93.14
16:55	45.19'	7.49	313	62.33	118	5.03	90.12
17:00	45.21'	7.13	291	62.13	89	2.93	77.14
17:05	45.24'	7.11	275	61.71	91	2.77	60.89
17:10	45.29'	7.09	277	61.64	94	2.59	54.12

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-15

DTW: 42.40'

Total Depth: (52.95')

Pump Type and Rate: GeoSub 2 / ~58 Hz / ~1 L/min

Notes: 2" along sidewalk

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
8:30	42.46	5.84	144	72.21	229	10.14	139
8:32	42.49	5.89	148	72.33	231	9.82	112
8:34	42.53	7.53	251	72.19	139	8.97	56
8:36	42.59	5.83	254	71.94	151	8.29	32
8:38	42.63	5.89	281	71.91	182	8.64	12
8:40	42.71	6.77	288	71.88	178	8.92	0.0
8:42	42.77	6.71	284	71.82	171	8.91	0.0
8:44	42.81	6.70	282	71.77	174	8.94	0.0

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: ME-8

DTW: 42.41'

Total Depth: (56.51')

Pump Type and Rate: GeoSub 2 / ~58 Hz (~1.0 L/min)

Notes: 4" well behind Staples

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
9:25	41.47	7.22	189	66.21	237	5.61	3.03
9:27	41.51	7.07	193	66.17	235	5.12	0.0
9:29	41.56	7.03	194	66.10	229	4.94	0.0
9:31	41.59	7.01	189	66.02	219	4.89	0.0
9:33	41.61	7.03	191	65.94	221	4.82	0.0
9:35	41.64	7.03	190	65.91	225	4.81	0.0

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: ME-13

DTW: 42.51'

Total Depth: (58.12')

Pump Type and Rate: GeoSub 2 / ~60 Hz (1.0 L/min)

Notes: 4" well behind fence (behind Staples)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
9:45	42.57	7.19	403	64.42	-146	2.11	3.21
9:47	42.62	7.18	408	64.38	-148	1.93	2.41
9:49	42.68	7.22	402	64.33	-151	1.22	0.0
9:51	42.71	7.27	407	64.29	-160	1.19	0.0
9:53	42.74	7.23	404	64.31	-161	1.18	0.0
9:55	42.79	7.21	402	64.29	-164	1.21	0.0
9:57	42.81	7.23	401	64.22	-163	1.19	0.0
9:59	42.83	7.22	400	64.19	-161	1.22	0.0

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: MW-113

DTW: 60.03'

Total Depth: (126.93')

Pump Type and Rate: GeoSub 2 / ~68 Hz (1.0 L/min)

Notes: 2" well (Behind Trader Joe's)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
10:20	60.11	7.23	110	62.06	34	2.68	0.0
10:22	60.18	7.24	108	61.94	32	2.34	0.0
10:24	60.22	7.27	109	61.91	30	2.39	0.0
10:26	60.29	7.30	118	61.77	29	2.31	0.0
10:28	60.32	7.31	121	61.79	26	2.29	0.0
10:30	60.34	7.29	123	61.74	25	2.31	0.0
10:32	60.38	7.30	121	61.64	25	2.29	0.0

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-02

DTW: 44.03'

Total Depth: (59.12')

Pump Type and Rate: GeoSub 2 / 58-62 Hz (~1.0L/min)

Notes: * MS/MSD * 2" well under floor by register

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
10:58	44.07	8.08	158	64.53	86	5.98	353
11:00	44.12	7.98	154	64.48	93	4.91	318
11:02	44.18	7.97	157	64.41	101	4.56	224
11:04	44.20	7.96	159	64.38	108	4.51	192
11:06	44.24	7.95	162	64.33	112	4.38	183
11:08	44.26	7.98	163	64.29	114	4.41	99
11:10	44.29	7.96	161	64.27	118	4.39	77
11:12	44.33	7.94	162	64.22	116	4.42	62
11:14	44.36	7.95	160	64.19	114	4.46	29

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-06

DTW: 44.78'

Total Depth: (59.45')

Pump Type and Rate: GeoSub 2 / 68 Hz / (1.0 L/min)

Notes: * DUP A-066 * 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
11:40	44.83	8.03	406	62.61	122	2.59	3.22
11:42	44.86	7.97	407	62.54	129	2.68	1.91
11:44	44.89	7.91	418	62.39	136	3.03	0.0
11:46	44.91	7.83	433	62.41	133	2.99	0.0
11:48	44.93	7.81	474	62.34	134	3.02	0.0
11:50	44.96	7.82	471	62.29	132	2.94	0.0
11:52	45.01	7.81	473	62.19	131	3.03	0.0
11:54	45.05	7.80	477	62.11	130	3.06	0.0

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-08

DTW: 45.97'

Total Depth: (83.89')

Pump Type and Rate: GeoSub 2 /.68 Hz (1.0L/min)

Notes: 2" well under floor

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
12:00	46.03	8.02	283	66.21	89	8.12	377
12:03	46.09	7.97	477	66.19	101	3.14	141
12:06	46.13	7.81	470	65.88	124	2.99	92.12
12:09	46.19	7.83	468	65.81	131	2.47	36.18
12:11	46.21	7.82	469	65.74	136	2.29	18.03
12:13	46.24	7.81	471	65.71	139	2.21	3.41
12:15	46.33	7.83	466	65.66	133	2.19	0.0
12:17	46.36	7.81	463	65.60	136	2.21	0.0

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WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-07

DTW: 44.65'

Total Depth: (116.21')

Pump Type and Rate: GeoSub 2 / ~75 Hz / (1.0 L/min)

Notes: 2" well (under floor)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
12:25	44.69	8.12	192	66.21	129	6.89	132
12:27	44.71	7.78	195	65.94	197	7.82	171
12:29	44.77	7.67	199	65.88	157	7.19	113
12:31	44.83	7.65	208	65.86	131	6.69	101
12:33	44.89	7.61	212	65.84	129	6.61	96.21
12:36	44.91	7.66	210	65.81	128	6.58	92.24
12:38	44.94	7.62	211	65.77	130	6.59	92.18
12:40	44.97	7.64	210	65.74	129	6.60	90.13

FPM

WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-05

DTW: 44.61'

Total Depth: (59.12')

Pump Type and Rate: GeoSub 2 / .65 Hz / (1.0 L/min)

Notes: 2" well under floor

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
12:45	44.65	8.03	297	62.64	109	4.58	0.0
12:48	44.69	8.01	298	62.61	106	4.61	0.0
12:51	44.71	7.98	303	62.59	77	4.66	0.0
12:54	44.76	7.97	310	62.51	71	4.34	0.0
12:56	44.81	7.94	312	62.47	68	4.39	0.0
12:58	44.89	7.93	313	62.43	66	4.42	0.0

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WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-09

DTW: 45.70'

Total Depth: (58.75')

Pump Type and Rate: GeoSub 2 / 68 Hz (~1.0L/min)

Notes: 2" well in storeroom

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
13:05	45.77	8.42	179	64.01	80	5.69	21.21
13:07	45.79	8.14	176	63.98	77	5.15	18.13
13:09	45.81	7.97	174	63.94	81	4.98	10.14
13:11	45.86	7.96	173	63.91	85	4.79	3.7
13:13	45.92	7.93	171	63.88	78	4.68	0.0
13:15	45.94	7.94	170	63.82	77	4.62	0.0

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WELL SAMPLING DATA

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens NY

Well No.: A-10

DTW: 44.10'

Total Depth: (85.10')

Pump Type and Rate: GeoSub 2 / 58 Hz (~1.0 L/min)

Notes: 2" well in storeroom

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F)	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
13:25	44.14'	8.08	208	64.81	107	4.87	0.0
13:27	44.16'	7.98	212	64.77	131	2.59	0.0
13:29	44.24'	7.49	219	64.71	133	3.02	0.0
13:31	44.29'	7.51	251	64.65	129	2.77	0.0
13:33	44.31	7.49	253	64.61	131	2.16	0.0
13:35	44.35	7.50	252	64.58	133	2.24	0.0

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APPENDIX F

GROUNDWATER LABORATORY REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 5/24/2024 11:47 AM

JOB DESCRIPTION

Metro Regency Centers

JOB NUMBER

460-304107-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Eurofins Edison

Job Notes

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CASE NARRATIVE

Client: FPM Group Limited

Project: Metro Regency Centers

Report Number: 460-304107-1

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

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

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

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

RECEIPT
The samples were received on 5/16/2024 7:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-304107-1), ME-8 (460-304107-2), ME-13 (460-304107-3), ME-113 (460-304107-4), A-02 (460-304107-5), A-06 (460-304107-6), A-066 (460-304107-7), A-07 (460-304107-8), A-08 (460-304107-9), A-05 (460-304107-10), A-09 (460-304107-11), A-10 (460-304107-12), FB0515 (460-304107-13) and Trip Blank (460-304107-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/22/2024 and 05/23/2024.

Sample A-08 (460-304107-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: ME-8 (460-304107-2). The result has been reported and qualified.

The following sample was diluted to bring the concentration of target analytes within the calibration range: A-08 (460-304107-9). Elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-304107-1	A-15	Water	05/15/24 08:50	05/16/24 19:55
460-304107-2	ME-8	Water	05/15/24 09:15	05/16/24 19:55
460-304107-3	ME-13	Water	05/15/24 09:45	05/16/24 19:55
460-304107-4	ME-113	Water	05/15/24 10:10	05/16/24 19:55
460-304107-5	A-02	Water	05/15/24 10:45	05/16/24 19:55
460-304107-6	A-06	Water	05/15/24 11:10	05/16/24 19:55
460-304107-7	A-066	Water	05/15/24 11:12	05/16/24 19:55
460-304107-8	A-07	Water	05/15/24 11:55	05/16/24 19:55
460-304107-9	A-08	Water	05/15/24 11:30	05/16/24 19:55
460-304107-10	A-05	Water	05/15/24 12:10	05/16/24 19:55
460-304107-11	A-09	Water	05/15/24 12:40	05/16/24 19:55
460-304107-12	A-10	Water	05/15/24 13:00	05/16/24 19:55
460-304107-13	FB0515	Water	05/15/24 13:30	05/16/24 19:55
460-304107-14	Trip Blank	Water	05/15/24 13:35	05/16/24 19:55

Detection Summary

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

Client Sample ID: A-15 — Lab Sample ID: 460-304107-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.55	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.0		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-304107-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	75		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-304107-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	110		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-113 — Lab Sample ID: 460-304107-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.8		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-304107-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	9.7		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-304107-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9		5.0	4.4	ug/L	1		8260D	Total/NA
Bromomethane	1.1		1.0	0.55	ug/L	1		8260D	Total/NA
Chloroform	0.38	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	0.97	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	260		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.55	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-304107-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.8		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.36	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	0.92	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	260		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.54	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-304107-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	18		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-304107-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.88	J	2.0	0.80	ug/L	2		8260D	Total/NA
Tetrachloroethene	490		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	0.99	J	2.0	0.63	ug/L	2		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

Client Sample ID: A-05 — Lab Sample ID: 460-304107-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	110		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.32	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-09 — Lab Sample ID: 460-304107-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	8.1		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-10 — Lab Sample ID: 460-304107-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.49	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB0515 — Lab Sample ID: 460-304107-13

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 460-304107-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-304107-1
Project/Site: Metro Regency Centers

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: A-15
Lab Sample ID: 460-304107-1

Date Collected: 05/15/24 08:50
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/23/24 09:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/23/24 09:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/23/24 09:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 09:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 09:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 09:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 09:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 09:26	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 09:26	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 09:26	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 09:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 09:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 09:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 09:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 09:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 09:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 09:26	1
Chloroform	**0.55**	**J**	1.0	0.33	ug/L			05/23/24 09:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 09:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 09:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:26	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 09:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 09:26	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 09:26	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 09:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 09:26	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 09:26	1
Tetrachloroethene	**8.0**		1.0	0.25	ug/L			05/23/24 09:26	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 09:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 09:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:26	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 09:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 09:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*05/23/24 09:26*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*05/23/24 09:26*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*05/23/24 09:26*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/23/24 09:26*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-304107-2

Date Collected: 05/15/24 09:15
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/23/24 09:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/23/24 09:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/23/24 09:47	1

Client Sample ID: ME-8
Lab Sample ID: 460-304107-2

Date Collected: 05/15/24 09:15
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 09:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 09:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 09:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 09:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 09:47	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 09:47	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 09:47	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 09:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 09:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 09:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 09:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 09:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 09:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 09:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/23/24 09:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 09:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 09:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 09:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 09:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 09:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 09:47	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 09:47	1
Tetrachloroethene	**75**		1.0	0.25	ug/L			05/23/24 09:47	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 09:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 09:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 09:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 09:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*64*	*	*70 - 128*		*05/23/24 09:47*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/23/24 09:47*	*1*
Dibromofluoromethane (Surr)	*87*		*77 - 132*		*05/23/24 09:47*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/23/24 09:47*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-304107-3

Date Collected: 05/15/24 09:45
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 16:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 16:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 16:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 16:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 16:21	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 16:21	1

Client Sample ID: ME-13
Lab Sample ID: 460-304107-3

Date Collected: 05/15/24 09:45
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 16:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 16:21	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 16:21	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 16:21	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 16:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 16:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 16:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 16:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 16:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 16:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 16:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 16:21	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 16:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 16:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 16:21	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 16:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 16:21	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 16:21	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 16:21	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 16:21	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 16:21	1
Tetrachloroethene	**110**		1.0	0.25	ug/L			05/22/24 16:21	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 16:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 16:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 16:21	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 16:21	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 16:21	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*		*05/22/24 16:21*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*05/22/24 16:21*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*05/22/24 16:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/24 16:21*	*1*

Client Sample ID: ME-113
Lab Sample ID: 460-304107-4

Date Collected: 05/15/24 10:10
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 16:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 16:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 16:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 16:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 16:43	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 16:43	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 16:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 16:43	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 16:43	1

Client Sample ID: ME-113
Date Collected: 05/15/24 10:10
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 16:43	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 16:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 16:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 16:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 16:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 16:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 16:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 16:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 16:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 16:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 16:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 16:43	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 16:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 16:43	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 16:43	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 16:43	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 16:43	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 16:43	1
Tetrachloroethene	**2.8**		1.0	0.25	ug/L			05/22/24 16:43	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 16:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 16:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 16:43	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 16:43	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 16:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*		*05/22/24 16:43*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/22/24 16:43*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*05/22/24 16:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/24 16:43*	*1*

Client Sample ID: A-02
Date Collected: 05/15/24 10:45
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 15:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 15:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 15:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 15:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 15:58	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 15:58	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 15:58	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 15:58	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 15:58	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 15:58	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 15:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 15:58	1

Client Sample ID: A-02
Date Collected: 05/15/24 10:45
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 15:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 15:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 15:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 15:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 15:58	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 15:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 15:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 15:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 15:58	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 15:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 15:58	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 15:58	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 15:58	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 15:58	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 15:58	1
Tetrachloroethene	**9.7**		1.0	0.25	ug/L			05/22/24 15:58	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 15:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 15:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 15:58	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 15:58	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 15:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*05/22/24 15:58*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/22/24 15:58*	*1*
Dibromofluoromethane (Surr)	*111*		*77 - 132*		*05/22/24 15:58*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/24 15:58*	*1*

Client Sample ID: A-06
Date Collected: 05/15/24 11:10
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 17:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 17:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 17:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 17:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 17:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 17:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 17:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 17:06	1
Acetone	**8.9**		5.0	4.4	ug/L			05/22/24 17:06	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 17:06	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 17:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 17:06	1
Bromomethane	**1.1**		1.0	0.55	ug/L			05/22/24 17:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 17:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 17:06	1

Client Sample ID: A-06
Lab Sample ID: 460-304107-6

Date Collected: 05/15/24 11:10
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 17:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 17:06	1
Chloroform	**0.38**	**J**	1.0	0.33	ug/L			05/22/24 17:06	1
Chloromethane	**0.97**	**J**	1.0	0.40	ug/L			05/22/24 17:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 17:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 17:06	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 17:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 17:06	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 17:06	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 17:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 17:06	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 17:06	1
Tetrachloroethene	**260**		1.0	0.25	ug/L			05/22/24 17:06	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 17:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 17:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 17:06	1
Trichloroethene	**0.55**	**J**	1.0	0.31	ug/L			05/22/24 17:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 17:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*05/22/24 17:06*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/22/24 17:06*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*05/22/24 17:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/24 17:06*	*1*

Client Sample ID: A-066
Lab Sample ID: 460-304107-7

Date Collected: 05/15/24 11:12
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 10:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 10:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 10:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 10:55	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 10:55	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 10:55	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 10:55	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 10:55	1
Acetone	**6.8**		5.0	4.4	ug/L			05/22/24 10:55	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 10:55	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 10:55	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 10:55	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 10:55	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 10:55	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 10:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 10:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 10:55	1
Chloroform	**0.36**	**J**	1.0	0.33	ug/L			05/22/24 10:55	1

Client Sample ID: A-066
Lab Sample ID: 460-304107-7

Date Collected: 05/15/24 11:12
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.92**	**J**	1.0	0.40	ug/L			05/22/24 10:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 10:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 10:55	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 10:55	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 10:55	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 10:55	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 10:55	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 10:55	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 10:55	1
Tetrachloroethene	**260**		1.0	0.25	ug/L			05/22/24 10:55	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 10:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 10:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 10:55	1
Trichloroethene	**0.54**	**J**	1.0	0.31	ug/L			05/22/24 10:55	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 10:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 128*		*05/22/24 10:55*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/22/24 10:55*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/22/24 10:55*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/24 10:55*	*1*

Client Sample ID: A-07
Lab Sample ID: 460-304107-8

Date Collected: 05/15/24 11:55
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 17:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 17:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 17:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 17:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 17:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 17:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 17:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 17:29	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 17:29	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 17:29	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 17:29	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 17:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 17:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 17:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 17:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 17:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 17:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 17:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 17:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 17:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 17:29	1

Client Sample ID: A-07
Lab Sample ID: 460-304107-8

Date Collected: 05/15/24 11:55
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 17:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 17:29	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 17:29	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 17:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 17:29	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 17:29	1
Tetrachloroethene	**18**		1.0	0.25	ug/L			05/22/24 17:29	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 17:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 17:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 17:29	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 17:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 17:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*05/22/24 17:29*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/22/24 17:29*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*05/22/24 17:29*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/22/24 17:29*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-304107-9

Date Collected: 05/15/24 11:30
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/23/24 10:06	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/23/24 10:06	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/23/24 10:06	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			05/23/24 10:06	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/23/24 10:06	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/23/24 10:06	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/23/24 10:06	2
2-Hexanone	10	U	10	2.3	ug/L			05/23/24 10:06	2
Acetone	10	U	10	8.8	ug/L			05/23/24 10:06	2
Benzene	2.0	U	2.0	0.41	ug/L			05/23/24 10:06	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/23/24 10:06	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/23/24 10:06	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/23/24 10:06	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/23/24 10:06	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/23/24 10:06	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/23/24 10:06	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/23/24 10:06	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/23/24 10:06	2
Chloromethane	**0.88**	**J**	2.0	0.80	ug/L			05/23/24 10:06	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/23/24 10:06	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/23/24 10:06	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/23/24 10:06	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/23/24 10:06	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/23/24 10:06	2

Client Sample ID: A-08
Lab Sample ID: 460-304107-9

Date Collected: 05/15/24 11:30
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/23/24 10:06	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/23/24 10:06	2
Styrene	2.0	U	2.0	0.83	ug/L			05/23/24 10:06	2
Tetrachloroethene	**490**		2.0	0.50	ug/L			05/23/24 10:06	2
Toluene	2.0	U	2.0	0.76	ug/L			05/23/24 10:06	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/23/24 10:06	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/23/24 10:06	2
Trichloroethene	**0.99**	**J**	2.0	0.63	ug/L			05/23/24 10:06	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/23/24 10:06	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/23/24 10:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*05/23/24 10:06*	*2*
4-Bromofluorobenzene	*107*		*76 - 120*		*05/23/24 10:06*	*2*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*05/23/24 10:06*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/23/24 10:06*	*2*

Client Sample ID: A-05
Lab Sample ID: 460-304107-10

Date Collected: 05/15/24 12:10
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 18:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 18:14	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 18:14	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 18:14	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 18:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 18:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 18:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 18:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 18:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 18:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 18:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 18:14	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 18:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 18:14	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 18:14	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 18:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 18:14	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 18:14	1

Client Sample ID: A-05
Lab Sample ID: 460-304107-10

Date Collected: 05/15/24 12:10
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**110**		1.0	0.25	ug/L			05/22/24 18:14	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 18:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 18:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 18:14	1
Trichloroethene	**0.32**	**J**	1.0	0.31	ug/L			05/22/24 18:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 18:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 128*		*05/22/24 18:14*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/22/24 18:14*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*05/22/24 18:14*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/24 18:14*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-304107-11

Date Collected: 05/15/24 12:40
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 18:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 18:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 18:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 18:37	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 18:37	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 18:37	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 18:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 18:37	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 18:37	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 18:37	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 18:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 18:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 18:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 18:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 18:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 18:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 18:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 18:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 18:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 18:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 18:37	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 18:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 18:37	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 18:37	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 18:37	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 18:37	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 18:37	1
Tetrachloroethene	**8.1**		1.0	0.25	ug/L			05/22/24 18:37	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 18:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 18:37	1

Client Sample ID: A-09
Lab Sample ID: 460-304107-11

Date Collected: 05/15/24 12:40
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 18:37	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 18:37	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 18:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 128*		*05/22/24 18:37*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/22/24 18:37*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 132*		*05/22/24 18:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/24 18:37*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-304107-12

Date Collected: 05/15/24 13:00
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 19:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 19:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 19:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 19:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 19:00	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 19:00	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 19:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 19:00	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 19:00	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 19:00	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 19:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 19:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 19:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 19:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 19:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 19:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 19:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 19:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 19:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 19:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 19:00	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 19:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 19:00	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 19:00	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 19:00	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 19:00	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 19:00	1
Tetrachloroethene	**12**		1.0	0.25	ug/L			05/22/24 19:00	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 19:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 19:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 19:00	1
Trichloroethene	**0.49**	**J**	1.0	0.31	ug/L			05/22/24 19:00	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 19:00	1

Client Sample ID: A-10
Lab Sample ID: 460-304107-12

Date Collected: 05/15/24 13:00
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*05/22/24 19:00*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/22/24 19:00*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 132*		*05/22/24 19:00*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/24 19:00*	*1*

Client Sample ID: FB0515
Lab Sample ID: 460-304107-13

Date Collected: 05/15/24 13:30
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/23/24 08:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/23/24 08:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/23/24 08:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 08:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 08:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 08:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 08:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 08:47	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 08:47	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 08:47	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 08:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 08:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 08:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 08:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 08:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 08:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 08:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/23/24 08:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 08:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 08:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 08:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 08:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 08:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 08:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 08:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 08:47	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 08:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/23/24 08:47	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 08:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 08:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 08:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 08:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 08:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 08:47	1

Client Sample ID: FB0515
Lab Sample ID: 460-304107-13

Date Collected: 05/15/24 13:30
Matrix: Water
Date Received: 05/16/24 19:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*05/23/24 08:47*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*05/23/24 08:47*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*05/23/24 08:47*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/23/24 08:47*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-304107-14

Date Collected: 05/15/24 13:35
Matrix: Water
Date Received: 05/16/24 19:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/23/24 09:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/23/24 09:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/23/24 09:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 09:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 09:07	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 09:07	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 09:07	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 09:07	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 09:07	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 09:07	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 09:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 09:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 09:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 09:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 09:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 09:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 09:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/23/24 09:07	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 09:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 09:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:07	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 09:07	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 09:07	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 09:07	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 09:07	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 09:07	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 09:07	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/23/24 09:07	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 09:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 09:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:07	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 09:07	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 09:07	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*05/23/24 09:07*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*05/23/24 09:07*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*05/23/24 09:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/23/24 09:07*	*1*

Surrogate Summary

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-304107-1	A-15	93	106	104	96
460-304107-2	ME-8	64 *	98	87	105
460-304107-3	ME-13	110	99	109	100
460-304107-4	ME-113	119	95	109	100
460-304107-5	A-02	116	97	111	101
460-304107-5 MS	A-02	106	97	106	101
460-304107-5 MSD	A-02	111	93	106	102
460-304107-6	A-06	109	96	105	101
460-304107-7	A-066	108	95	106	100
460-304107-8	A-07	112	96	109	99
460-304107-9	A-08	92	107	104	97
460-304107-10	A-05	118	94	108	101
460-304107-11	A-09	118	94	110	100
460-304107-12	A-10	113	96	110	100
460-304107-13	FB0515	89	107	102	97
460-304107-14	Trip Blank	91	106	102	99
LCS 460-976170/3	Lab Control Sample	107	95	106	102
LCS 460-976394/6	Lab Control Sample	92	106	103	97
LCSD 460-976170/4	Lab Control Sample Dup	105	96	105	102
LCSD 460-976394/7	Lab Control Sample Dup	92	108	105	98
MB 460-976170/7	Method Blank	110	95	107	101
MB 460-976394/10	Method Blank	90	105	103	98

Surrogate Legend

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

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

Lab Sample ID: MB 460-976170/7
Matrix: Water
Analysis Batch: 976170

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 09:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 09:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 09:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 09:24	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 09:24	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 09:24	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 09:24	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 09:24	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 09:24	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 09:24	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 09:24	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 09:24	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 09:24	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 09:24	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 09:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 09:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 09:24	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 09:24	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 09:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 09:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 09:24	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 09:24	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 09:24	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 09:24	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 09:24	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 09:24	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 09:24	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/22/24 09:24	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 09:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 09:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 09:24	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 09:24	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 09:24	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 09:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*		*05/22/24 09:24*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/22/24 09:24*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*05/22/24 09:24*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/24 09:24*	*1*

Lab Sample ID: LCS 460-976170/3
Matrix: Water
Analysis Batch: 976170

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	21.3		ug/L		106	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	20.9		ug/L		105	63 - 139		

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

Lab Sample ID: LCS 460-976170/3
Matrix: Water
Analysis Batch: 976170

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		99	73 - 130
1,1-Dichloroethene	20.0	19.3		ug/L		97	68 - 133
1,2-Dichloroethane	20.0	21.5		ug/L		108	66 - 129
1,2-Dichloropropane	20.0	19.0		ug/L		95	68 - 128
2-Hexanone	100	94.5		ug/L		95	61 - 134
Acetone	100	86.8		ug/L		87	49 - 149
Benzene	20.0	19.7		ug/L		98	71 - 126
Bromodichloromethane	20.0	20.7		ug/L		103	76 - 121
Bromoform	20.0	17.6		ug/L		88	58 - 136
Bromomethane	20.0	22.4		ug/L		112	10 - 120
Carbon disulfide	20.0	18.9		ug/L		95	68 - 138
Carbon tetrachloride	20.0	20.2		ug/L		101	65 - 142
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120
Chloroethane	20.0	17.2		ug/L		86	48 - 150
Chloroform	20.0	22.1		ug/L		111	78 - 125
Chloromethane	20.0	17.8		ug/L		89	43 - 140
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Dibromochloromethane	20.0	20.1		ug/L		101	69 - 130
Ethylbenzene	20.0	19.2		ug/L		96	78 - 120
Methyl Ethyl Ketone	100	95.7		ug/L		96	61 - 142
methyl isobutyl ketone	100	100		ug/L		100	69 - 139
Methylene Chloride	20.0	19.1		ug/L		96	74 - 127
Styrene	20.0	19.5		ug/L		97	82 - 127
Tetrachloroethene	20.0	18.2		ug/L		91	70 - 127
Toluene	20.0	19.4		ug/L		97	78 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	66 - 127
Trichloroethene	20.0	19.6		ug/L		98	51 - 121
Vinyl chloride	20.0	22.6		ug/L		113	55 - 144
Xylenes, Total	40.0	38.4		ug/L		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*
4-Bromofluorobenzene	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-976170/4
Matrix: Water
Analysis Batch: 976170

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	63 - 139	5	30
1,1,2-Trichloroethane	20.0	20.3		ug/L		101	74 - 125	0	30
1,1-Dichloroethane	20.0	19.4		ug/L		97	73 - 130	2	30

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

Lab Sample ID: LCSD 460-976170/4
Matrix: Water
Analysis Batch: 976170

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	19.2		ug/L		96	68 - 133	1	30
1,2-Dichloroethane			20.0	21.3		ug/L		106	66 - 129	1	30
1,2-Dichloropropane			20.0	18.7		ug/L		93	68 - 128	2	30
2-Hexanone			100	93.8		ug/L		94	61 - 134	1	30
Acetone			100	86.1		ug/L		86	49 - 149	1	30
Benzene			20.0	19.6		ug/L		98	71 - 126	0	30
Bromodichloromethane			20.0	20.5		ug/L		103	76 - 121	1	30
Bromoform			20.0	17.6		ug/L		88	58 - 136	0	30
Bromomethane			20.0	23.7		ug/L		119	10 - 120	6	30
Carbon disulfide			20.0	18.4		ug/L		92	68 - 138	3	30
Carbon tetrachloride			20.0	19.9		ug/L		100	65 - 142	2	30
Chlorobenzene			20.0	19.5		ug/L		98	80 - 120	1	30
Chloroethane			20.0	18.8		ug/L		94	48 - 150	9	30
Chloroform			20.0	21.4		ug/L		107	78 - 125	3	30
Chloromethane			20.0	17.6		ug/L		88	43 - 140	1	30
cis-1,2-Dichloroethene			20.0	19.7		ug/L		99	78 - 121	0	30
cis-1,3-Dichloropropene			20.0	19.4		ug/L		97	74 - 125	1	30
Dibromochloromethane			20.0	20.0		ug/L		100	69 - 130	0	30
Ethylbenzene			20.0	19.0		ug/L		95	78 - 120	1	30
Methyl Ethyl Ketone			100	98.3		ug/L		98	61 - 142	3	30
methyl isobutyl ketone			100	99.5		ug/L		99	69 - 139	1	30
Methylene Chloride			20.0	18.7		ug/L		94	74 - 127	2	30
Styrene			20.0	19.7		ug/L		99	82 - 127	1	30
Tetrachloroethene			20.0	18.6		ug/L		93	70 - 127	2	30
Toluene			20.0	19.3		ug/L		96	78 - 120	1	30
trans-1,2-Dichloroethene			20.0	19.0		ug/L		95	74 - 126	1	30
trans-1,3-Dichloropropene			20.0	19.1		ug/L		96	66 - 127	2	30
Trichloroethene			20.0	19.6		ug/L		98	51 - 121	0	30
Vinyl chloride			20.0	22.4		ug/L		112	55 - 144	1	30
Xylenes, Total			40.0	38.1		ug/L		95	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-304107-5 MS
Matrix: Water
Analysis Batch: 976170

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	1.0	U	20.0	21.6		ug/L		108	72 - 128		
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.3		ug/L		101	63 - 139		
1,1,2-Trichloroethane	1.0	U	20.0	21.0		ug/L		105	74 - 125		
1,1-Dichloroethane	1.0	U	20.0	19.3		ug/L		97	73 - 130		
1,1-Dichloroethene	1.0	U	20.0	19.4		ug/L		97	68 - 133		
1,2-Dichloroethane	1.0	U	20.0	21.9		ug/L		109	66 - 129		

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

Lab Sample ID: 460-304107-5 MS
Matrix: Water
Analysis Batch: 976170

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	1.0	U	20.0	18.8		ug/L		94	68 - 128
2-Hexanone	5.0	U	100	102		ug/L		102	61 - 134
Acetone	5.0	U	100	90.9		ug/L		91	49 - 149
Benzene	1.0	U	20.0	19.8		ug/L		99	71 - 126
Bromodichloromethane	1.0	U	20.0	21.3		ug/L		107	76 - 121
Bromoform	1.0	U	20.0	18.9		ug/L		94	58 - 136
Bromomethane	1.0	U	20.0	21.1		ug/L		105	10 - 120
Carbon disulfide	1.0	U	20.0	18.6		ug/L		93	68 - 138
Carbon tetrachloride	1.0	U	20.0	21.2		ug/L		106	65 - 142
Chlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
Chloroethane	1.0	U	20.0	18.0		ug/L		90	48 - 150
Chloroform	1.0	U	20.0	21.9		ug/L		110	78 - 125
Chloromethane	1.0	U	20.0	17.2		ug/L		86	43 - 140
cis-1,2-Dichloroethene	1.0	U	20.0	20.1		ug/L		100	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.5		ug/L		97	74 - 125
Dibromochloromethane	1.0	U	20.0	20.9		ug/L		105	69 - 130
Ethylbenzene	1.0	U	20.0	19.4		ug/L		97	78 - 120
Methyl Ethyl Ketone	5.0	U	100	108		ug/L		108	61 - 142
methyl isobutyl ketone	5.0	U	100	108		ug/L		108	69 - 139
Methylene Chloride	1.0	U	20.0	19.3		ug/L		97	74 - 127
Styrene	1.0	U	20.0	20.3		ug/L		102	82 - 127
Tetrachloroethene	9.7		20.0	27.8		ug/L		90	70 - 127
Toluene	1.0	U	20.0	19.9		ug/L		100	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		97	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	19.4		ug/L		97	66 - 127
Trichloroethene	1.0	U	20.0	19.5		ug/L		98	51 - 121
Vinyl chloride	1.0	U	20.0	18.8		ug/L		94	55 - 144
Xylenes, Total	2.0	U	40.0	39.7		ug/L		99	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-304107-5 MSD
Matrix: Water
Analysis Batch: 976170

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	22.9		ug/L		114	72 - 128	6	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.2		ug/L		111	63 - 139	9	30
1,1,2-Trichloroethane	1.0	U	20.0	22.2		ug/L		111	74 - 125	6	30
1,1-Dichloroethane	1.0	U	20.0	22.0		ug/L		110	73 - 130	13	30
1,1-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	68 - 133	3	30
1,2-Dichloroethane	1.0	U	20.0	23.5		ug/L		118	66 - 129	7	30
1,2-Dichloropropane	1.0	U	20.0	20.9		ug/L		104	68 - 128	11	30
2-Hexanone	5.0	U	100	103		ug/L		103	61 - 134	1	30

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

Lab Sample ID: 460-304107-5 MSD
Matrix: Water
Analysis Batch: 976170

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	5.0	U	100	89.0		ug/L		89	49 - 149	2	30
Benzene	1.0	U	20.0	21.4		ug/L		107	71 - 126	8	30
Bromodichloromethane	1.0	U	20.0	22.5		ug/L		113	76 - 121	6	30
Bromoform	1.0	U	20.0	18.7		ug/L		94	58 - 136	1	30
Bromomethane	1.0	U	20.0	23.1		ug/L		115	10 - 120	9	30
Carbon disulfide	1.0	U	20.0	20.0		ug/L		100	68 - 138	7	30
Carbon tetrachloride	1.0	U	20.0	21.7		ug/L		108	65 - 142	3	30
Chlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	4	30
Chloroethane	1.0	U	20.0	17.1		ug/L		85	48 - 150	6	30
Chloroform	1.0	U	20.0	23.8		ug/L		119	78 - 125	8	30
Chloromethane	1.0	U	20.0	18.4		ug/L		92	43 - 140	7	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.4		ug/L		102	78 - 121	2	30
cis-1,3-Dichloropropene	1.0	U	20.0	21.2		ug/L		106	74 - 125	8	30
Dibromochloromethane	1.0	U	20.0	21.5		ug/L		107	69 - 130	2	30
Ethylbenzene	1.0	U	20.0	20.4		ug/L		102	78 - 120	5	30
Methyl Ethyl Ketone	5.0	U	100	102		ug/L		102	61 - 142	6	30
methyl isobutyl ketone	5.0	U	100	108		ug/L		108	69 - 139	0	30
Methylene Chloride	1.0	U	20.0	20.3		ug/L		101	74 - 127	5	30
Styrene	1.0	U	20.0	21.3		ug/L		106	82 - 127	5	30
Tetrachloroethene	9.7		20.0	28.1		ug/L		92	70 - 127	1	30
Toluene	1.0	U	20.0	21.0		ug/L		105	78 - 120	5	30
trans-1,2-Dichloroethene	1.0	U	20.0	20.3		ug/L		102	74 - 126	5	30
trans-1,3-Dichloropropene	1.0	U	20.0	21.3		ug/L		107	66 - 127	10	30
Trichloroethene	1.0	U	20.0	21.3		ug/L		106	51 - 121	9	30
Vinyl chloride	1.0	U	20.0	20.3		ug/L		102	55 - 144	8	30
Xylenes, Total	2.0	U	40.0	41.3		ug/L		103	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*
4-Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-976394/10
Matrix: Water
Analysis Batch: 976394

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/23/24 08:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/23/24 08:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/23/24 08:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 08:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 08:27	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 08:27	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 08:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 08:27	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 08:27	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 08:27	1

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

Lab Sample ID: MB 460-976394/10
Matrix: Water
Analysis Batch: 976394

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 08:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 08:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 08:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 08:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 08:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 08:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 08:27	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/23/24 08:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 08:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 08:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 08:27	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 08:27	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 08:27	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 08:27	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 08:27	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 08:27	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 08:27	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/23/24 08:27	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 08:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 08:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 08:27	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 08:27	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 08:27	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 08:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*05/23/24 08:27*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*05/23/24 08:27*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*05/23/24 08:27*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/23/24 08:27*	*1*

Lab Sample ID: LCS 460-976394/6
Matrix: Water
Analysis Batch: 976394

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	72 - 128
1,1,2,2-Tetrachloroethane	20.0	15.3		ug/L		77	63 - 139
1,1,2-Trichloroethane	20.0	18.3		ug/L		91	74 - 125
1,1-Dichloroethane	20.0	19.3		ug/L		97	73 - 130
1,1-Dichloroethene	20.0	19.0		ug/L		95	68 - 133
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129
1,2-Dichloropropane	20.0	17.9		ug/L		90	68 - 128
2-Hexanone	100	88.5		ug/L		88	61 - 134
Acetone	100	84.7		ug/L		85	49 - 149
Benzene	20.0	18.6		ug/L		93	71 - 126
Bromodichloromethane	20.0	17.3		ug/L		87	76 - 121
Bromoform	20.0	17.2		ug/L		86	58 - 136

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

Lab Sample ID: LCS 460-976394/6
Matrix: Water
Analysis Batch: 976394

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			20.0	22.3		ug/L		111	10 - 120		
Carbon disulfide			20.0	18.3		ug/L		92	68 - 138		
Carbon tetrachloride			20.0	18.9		ug/L		95	65 - 142		
Chlorobenzene			20.0	19.8		ug/L		99	80 - 120		
Chloroethane			20.0	19.3		ug/L		97	48 - 150		
Chloroform			20.0	19.4		ug/L		97	78 - 125		
Chloromethane			20.0	19.0		ug/L		95	43 - 140		
cis-1,2-Dichloroethene			20.0	19.5		ug/L		98	78 - 121		
cis-1,3-Dichloropropene			20.0	16.7		ug/L		83	74 - 125		
Dibromochloromethane			20.0	17.7		ug/L		89	69 - 130		
Ethylbenzene			20.0	19.3		ug/L		97	78 - 120		
Methyl Ethyl Ketone			100	95.6		ug/L		96	61 - 142		
methyl isobutyl ketone			100	98.9		ug/L		99	69 - 139		
Methylene Chloride			20.0	20.0		ug/L		100	74 - 127		
Styrene			20.0	18.1		ug/L		90	82 - 127		
Tetrachloroethene			20.0	21.0		ug/L		105	70 - 127		
Toluene			20.0	18.3		ug/L		92	78 - 120		
trans-1,2-Dichloroethene			20.0	19.6		ug/L		98	74 - 126		
trans-1,3-Dichloropropene			20.0	16.2		ug/L		81	66 - 127		
Trichloroethene			20.0	18.7		ug/L		93	51 - 121		
Vinyl chloride			20.0	19.0		ug/L		95	55 - 144		
Xylenes, Total			40.0	38.1		ug/L		95	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-976394/7
Matrix: Water
Analysis Batch: 976394

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.9		ug/L		105	72 - 128	5	30
1,1,2,2-Tetrachloroethane			20.0	17.2		ug/L		86	63 - 139	12	30
1,1,2-Trichloroethane			20.0	19.6		ug/L		98	74 - 125	7	30
1,1-Dichloroethane			20.0	20.5		ug/L		103	73 - 130	6	30
1,1-Dichloroethene			20.0	19.8		ug/L		99	68 - 133	4	30
1,2-Dichloroethane			20.0	18.9		ug/L		94	66 - 129	7	30
1,2-Dichloropropane			20.0	19.2		ug/L		96	68 - 128	7	30
2-Hexanone			100	93.8		ug/L		94	61 - 134	6	30
Acetone			100	91.2		ug/L		91	49 - 149	7	30
Benzene			20.0	20.2		ug/L		101	71 - 126	8	30
Bromodichloromethane			20.0	18.5		ug/L		93	76 - 121	7	30
Bromoform			20.0	18.6		ug/L		93	58 - 136	8	30
Bromomethane			20.0	23.4		ug/L		117	10 - 120	5	30
Carbon disulfide			20.0	19.3		ug/L		97	68 - 138	5	30

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

Lab Sample ID: LCSD 460-976394/7
Matrix: Water
Analysis Batch: 976394

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			20.0	19.7		ug/L		99	65 - 142	4	30
Chlorobenzene			20.0	20.9		ug/L		105	80 - 120	5	30
Chloroethane			20.0	19.9		ug/L		99	48 - 150	3	30
Chloroform			20.0	20.7		ug/L		104	78 - 125	6	30
Chloromethane			20.0	18.4		ug/L		92	43 - 140	3	30
cis-1,2-Dichloroethene			20.0	20.8		ug/L		104	78 - 121	7	30
cis-1,3-Dichloropropene			20.0	17.8		ug/L		89	74 - 125	7	30
Dibromochloromethane			20.0	18.5		ug/L		93	69 - 130	5	30
Ethylbenzene			20.0	20.7		ug/L		104	78 - 120	7	30
Methyl Ethyl Ketone			100	106		ug/L		106	61 - 142	11	30
methyl isobutyl ketone			100	105		ug/L		105	69 - 139	6	30
Methylene Chloride			20.0	21.4		ug/L		107	74 - 127	7	30
Styrene			20.0	19.5		ug/L		97	82 - 127	8	30
Tetrachloroethene			20.0	22.6		ug/L		113	70 - 127	7	30
Toluene			20.0	20.0		ug/L		100	78 - 120	9	30
trans-1,2-Dichloroethene			20.0	20.7		ug/L		103	74 - 126	5	30
trans-1,3-Dichloropropene			20.0	17.4		ug/L		87	66 - 127	7	30
Trichloroethene			20.0	19.8		ug/L		99	51 - 121	6	30
Vinyl chloride			20.0	19.1		ug/L		96	55 - 144	1	30
Xylenes, Total			40.0	40.7		ug/L		102	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

GC/MS VOA

Analysis Batch: 976170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304107-3	ME-13	Total/NA	Water	8260D	
460-304107-4	ME-113	Total/NA	Water	8260D	
460-304107-5	A-02	Total/NA	Water	8260D	
460-304107-6	A-06	Total/NA	Water	8260D	
460-304107-7	A-066	Total/NA	Water	8260D	
460-304107-8	A-07	Total/NA	Water	8260D	
460-304107-10	A-05	Total/NA	Water	8260D	
460-304107-11	A-09	Total/NA	Water	8260D	
460-304107-12	A-10	Total/NA	Water	8260D	
MB 460-976170/7	Method Blank	Total/NA	Water	8260D	
LCS 460-976170/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-976170/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-304107-5 MS	A-02	Total/NA	Water	8260D	
460-304107-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 976394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304107-1	A-15	Total/NA	Water	8260D	
460-304107-2	ME-8	Total/NA	Water	8260D	
460-304107-9	A-08	Total/NA	Water	8260D	
460-304107-13	FB0515	Total/NA	Water	8260D	
460-304107-14	Trip Blank	Total/NA	Water	8260D	
MB 460-976394/10	Method Blank	Total/NA	Water	8260D	
LCS 460-976394/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-976394/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Limited
Project/Site: Metro Regency Centers

Job ID: 460-304107-1

Client Sample ID: A-15
Date Collected: 05/15/24 08:50
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976394	SZD	EET EDI	05/23/24 09:26

Client Sample ID: ME-8
Date Collected: 05/15/24 09:15
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976394	SZD	EET EDI	05/23/24 09:47

Client Sample ID: ME-13
Date Collected: 05/15/24 09:45
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 16:21

Client Sample ID: ME-113
Date Collected: 05/15/24 10:10
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 16:43

Client Sample ID: A-02
Date Collected: 05/15/24 10:45
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 15:58

Client Sample ID: A-06
Date Collected: 05/15/24 11:10
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 17:06

Client Sample ID: A-066
Date Collected: 05/15/24 11:12
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 10:55

Client Sample ID: A-07
Date Collected: 05/15/24 11:55
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 17:29

Client Sample ID: A-08
Date Collected: 05/15/24 11:30
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	976394	SZD	EET EDI	05/23/24 10:06

Client Sample ID: A-05
Date Collected: 05/15/24 12:10
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 18:14

Client Sample ID: A-09
Date Collected: 05/15/24 12:40
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 18:37

Client Sample ID: A-10
Date Collected: 05/15/24 13:00
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976170	SZD	EET EDI	05/22/24 19:00

Client Sample ID: FB0515
Date Collected: 05/15/24 13:30
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976394	SZD	EET EDI	05/23/24 08:47

Client Sample ID: Trip Blank
Date Collected: 05/15/24 13:35
Date Received: 05/16/24 19:55

Lab Sample ID: 460-304107-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	976394	SZD	EET EDI	05/23/24 09:07

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-304107-1
Project/Site: Metro Regency Centers

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00168	05/13/24	04/13/24	MeOH, Lot EH869-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00017	05/09/24	04/09/24	MeOH, Lot EH869-US	10 mL	7 Freons_00003	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00003	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
524FREONS_00018	05/11/24	04/11/24	MeOH, Lot EH 869-US	50 mL	7 Freons_00004	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00004	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00002	06/18/24	05/18/23	MeOH, Lot 22C2862010	5 mL	7 Freons_00001	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00001	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00013	05/02/24	04/02/24	MeOH, Lot 22L0562016	5 mL	7 Freons_00003	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00003	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00179	05/13/24	04/13/24	MeOH, Lot EH869-US	10 mL	KetonesC SS_00016	200 uL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00185	04/23/24	03/23/24	MeOH, Lot 22L0562016	50 mL	2-CEVEC_00028	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00013	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00021	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00021	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00027	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					LIST2/STD6_00020	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00023	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00038	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00026	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00097	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00028	09/30/26		RESTEK, Lot A0202590		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT) 00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new) 00021	03/31/26		RESTEK, Lot A0195429		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00021	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00027	01/31/26		RESTEK, Lot A0193494		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.LIST2/STD6_00020	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00023	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00038	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00026	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00097	01/31/25		RESTEK, Lot A0200199		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00185	04/23/24	03/23/24	MeOH, Lot 22L0562016	50 mL	Mega Mix_00038	1 mL	1,2-Dichloroethene, Total	100 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00038	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,2-Dichloroethene, Total	5000 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00187	05/27/24	04/27/24	MeOH, Lot 22L0562016	50 mL	2-CEVEC_00029	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00022	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00022	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00028	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					LIST2/STD6_00021	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00024	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00039	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00027	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00099	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00029	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00022	02/28/27		RESTEK, Lot A0207964		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00022	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Hexanone	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.LIST2/STD6_00021	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00024	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00027	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00099	01/31/25		RESTEK, Lot A0200199		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00187	05/27/24	04/27/24	MeOH, Lot 22L0562016	50 mL	Mega Mix_00039	1 mL	1,2-Dichloroethene, Total	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	100 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,2-Dichloroethene, Total	5000 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00167	04/23/24	03/23/24	MeOH, Lot 22L0562016	10 mL	ACROLEIN_00024	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00024	08/31/24		RESTEK, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
ACROLEIN W_00169	06/03/24	05/03/24	MeOH, Lot 22L0562016	10 mL	ACROLEIN_00024	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00024	08/31/24		RESTEK, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00124	05/13/24	04/13/24	MeOH, Lot EH869-US	10 mL	Acrylonitrile_00009	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00013	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00009	11/18/24		ABSOLUTE, Lot 111821		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00035							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00088	05/02/24	04/02/24	MeOH, Lot 22L0562016	5 mL	ETHANOL(new)_00021	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00021	03/31/26		RESTEK, Lot A0195429		(Purchased Reagent)		Ethanol	100000 ug/mL
Ethanol mix_00089	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	ETHANOL(new)_00022	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00022	02/28/27		RESTEK, Lot A0207964		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00564	04/26/24	04/19/24	MeOH, Lot EH869-US	5 mL	GASES SS_00023	0.1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00023	07/31/26		RESTEK, Lot A0200059		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS C SP_00566	05/10/24	05/03/24	MeOH, Lot 22L0562016	5 mL	GASES SS_00023	0.1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00023	07/31/26		RESTEK, Lot A0200059		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00468	05/03/24	04/19/24	MeOH, Lot EH869-US	5 mL	GASES SS_00025	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00469	05/16/24	05/02/24	MeOH, Lot EH869-US	5 mL	GASES SS_00025	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00580	04/26/24	04/19/24	MeOH, Lot EH869-US	25 mL	GASES SS_00025	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
GASES Li_00582	05/10/24	05/03/24	MeOH, Lot 22L0562016	25 mL	GASES SS_00025	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00584	05/23/24	05/16/24	MeOH, Lot 22L0562016	25 mL	GASES SS_00025	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00148	05/02/24	04/02/24	MeOH, Lot 22L0562016	5 mL	2-CEVEC_00028	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00021	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00020	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LIST2/STD7_00023	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00026	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00028	09/30/26		RESTEK, Lot A0202590		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00021	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00020	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00023	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00026	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX 2 Hi_00149	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	2-CEVEC_00029	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00022	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00021	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00024	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00028	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00029	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00022	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00021	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00024	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00028	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00175	05/02/24	04/02/24	MeOH, Lot 22L0562016	5 mL	EPICH(working_00013	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00028	1 mL	2-Hexanone	2500 ug/mL
							Acetone	2500 ug/mL
							Methyl Ethyl Ketone	2500 ug/mL
							methyl isobutyl ketone	2500 ug/mL
					Mega Mix_00038	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00099	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00038	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00099	01/31/25	RESTEK, Lot A0200199			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
MIX I Hi_00176	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00028	1 mL	2-Hexanone	2500 ug/mL
							Acetone	2500 ug/mL
							Methyl Ethyl Ketone	2500 ug/mL
							methyl isobutyl ketone	2500 ug/mL
					Mega Mix_00039	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00099	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00099	01/31/25	RESTEK, Lot A0200199			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMTBA500_00048	04/27/24	03/27/24	MeOH, Lot 22L0562016	2 mL	TBA AB_00007	50 uL	2-Methyl-2-propanol	500 ug/mL
.TBA AB_00007	11/11/25	ABSOLUTE, Lot 111120			(Purchased Reagent)		2-Methyl-2-propanol	20000 ug/mL
VOA6IS/SURR_00072	05/15/24	03/15/24	MeOH, Lot 22L0562016	10 mL	8260 SURR C_00062	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00199	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00062	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00199	02/28/29		RESTEK, Lot A0207697		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00074	07/16/24	05/16/24	MeOH, Lot 22L0562016	10 mL	8260ISNEW_00199	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260ISNEW_00199	02/28/29		RESTEK, Lot A0207697		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00074	07/16/24	05/16/24	MeOH, Lot 22L0562016	10 mL	8260 SURR C_00062	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.8260 SURR C_00062	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL

Reagent

14DIOXNEAT_00004

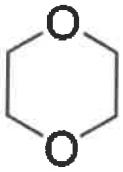
Supelco

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

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

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



R2386

HS 3/31/23 #10669636

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

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

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

Reagent

2-CEVEC_00028

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309
www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2467
1/25/2024 MC #11480075

5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569723 **Lot No.:** A0202590

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,518.0 µg/mL	+/- 31.3370

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

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

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

Reagent

2-CEVEC_00029

R2494

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Reagent

7 Freons_00001

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM 16700175

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

R2389
MS 4/12/23

Solvent(s): Methanol **Lot#** EF282-USQ5

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

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

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

7 FREONS
2000 ppm 7 Freons
1
mL
ug/mL

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

Reagent

7 Freons_00003

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2449
11/29/2023 MS #11349853

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

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

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

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

Reagent

7 Freons_00004

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Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2500
#11658011

MS 4/11/2024

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

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

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

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

Reagent

8260 SURR C_00062

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MS 12/14/23

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R2460

#1139212,6

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 567650 **Lot No.:** A0201943

Description : 8260 Surrogate Standard

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

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

Expiration Date : September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

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

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

Page 1 of 1081

Reagent

8260ISNEW_00199

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Certificate of Analysis

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R2475
2/15/24 HS
11524182

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260 Internal Standard 2014

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

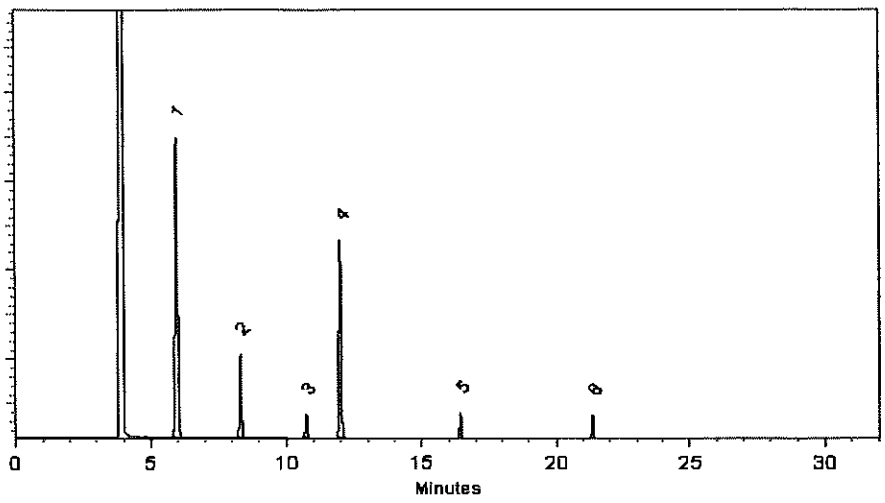
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



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

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance Serial #** 1128342314

Dillan Murphy - Operations Technician I

Date Passed: 14-Feb-2024

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

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

ACROLEIN_00024

R2431

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 568720 **Lot No.:** A0194513

Description : 8260 List 1/Std #5 Acrolein High

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

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

Expiration Date : August 31, 2024 **Storage:** -20°C or colder

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD230201	99%	19,768.0 µg/mL	+/- 580.7437

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

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

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Reagent

Acrylonitrile_00009

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Certified Reference Material CRM

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

Part Number: 79007
Lot Number: 111821
Description: Acrylonitrile

Solvent: Methanol **Lot#** EA899-USQ2

R2401 # 10853228 MS 5/31/23

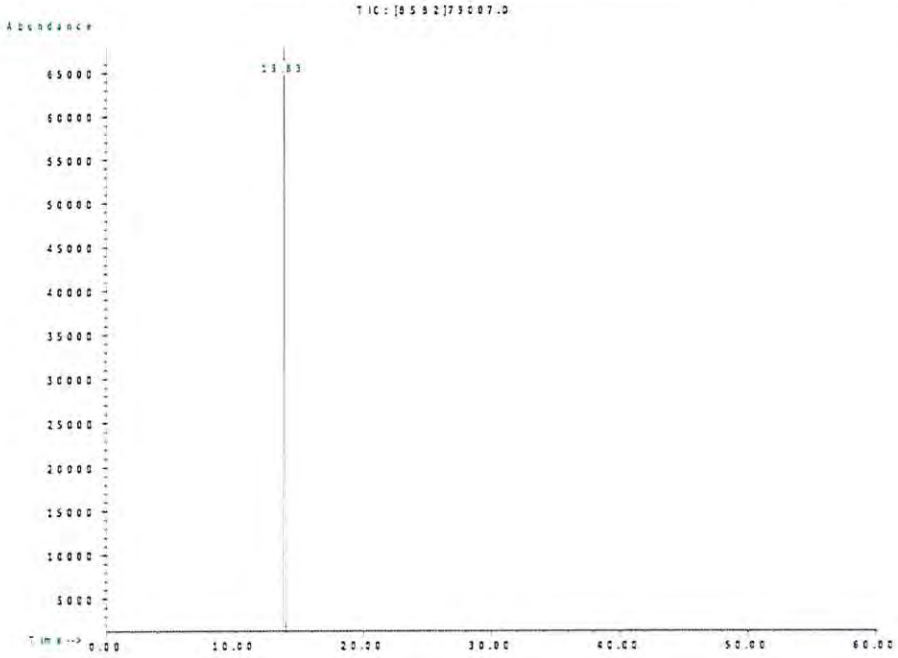
Expiration Date: 111824
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

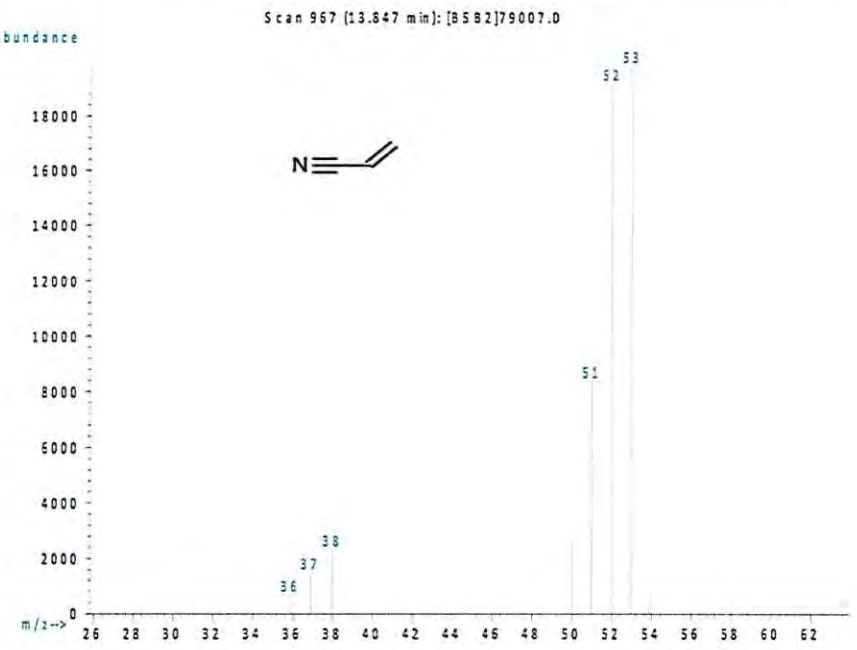
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	111821
Formulated By:	DATE
Pedro L. Rentas	111821
Reviewed By:	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05064	1002.0	4.5	107-13-1	N/A	orl-rat 78 mg/kg

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





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

Reagent

EPICHLO(NEAT)_00001

R1584

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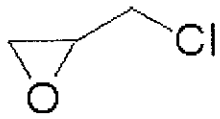
Certificate of Analysis

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



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

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

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

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

Reagent

ETHANOL(new)_00021

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R2470
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571994 **Lot No.:** A0195429

Description : 8260 Ethanol Standard

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

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

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBQ2807	99%	100,006.7 µg/mL	+/- 1,243.9578

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

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

Page 81

Reagent

ETHANOL(new)_00022

R2493

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571994 **Lot No.:** A0207964

Description : 8260 Ethanol Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,596.0 µg/mL	+/- 1,251.3026

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

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

Page 89 of 1081

Reagent

Extra Cmpd_00021

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R 2453

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CERTIFIED WEIGHT REPORT

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

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

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

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

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

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

Reagent

Extra Cmpd_00022

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

R2495

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

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

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

Formulated By: Benson Chan 092922 DATE

Reviewed By: Pedro L. Rentas 092922 DATE

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

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

Reagent

GASES SS_00023

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Certificate of Analysis

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R2459

MS 12/14/2023 #11392079

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569722.SEC **Lot No.:** A0200059

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

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

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

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28302	99%	2,498.7 µg/mL	+/- 141.3032
2	Chloromethane (methyl chloride)	74-87-3.SEC	00016950	99%	2,499.9 µg/mL	+/- 141.5220
3	Vinyl chloride	75-01-4.SEC	MKBK6872V	99%	2,500.7 µg/mL	+/- 142.8051
4	1,3-Butadiene	106-99-0.SEC	26996	99%	2,500.4 µg/mL	+/- 141.3330
5	Bromomethane (methyl bromide)	74-83-9.SEC	00017022	99%	2,505.7 µg/mL	+/- 141.5475
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,499.8 µg/mL	+/- 141.4404
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14150400	90%	2,502.0 µg/mL	+/- 140.5657
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,500.7 µg/mL	+/- 142.0532

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

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

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

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Reagent

GASES SS_00025

R2501 11679624.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569722.SEC **Lot No.:** A0210106

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,508.8 µg/mL	+/- 141.9696
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,503.3 µg/mL	+/- 142.0144
3	Vinyl chloride	75-01-4 *	00015559	99%	2,508.1 µg/mL	+/- 141.5910
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,509.7 µg/mL	+/- 141.7417
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,506.6 µg/mL	+/- 141.4209
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,510.1 µg/mL	+/- 142.2642
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,512.0 µg/mL	+/- 142.1976

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

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

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

Reagent

KetonesC SS_00016

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Reagent

KetonesC_00027

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MS 12/1/23

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569721 **Lot No.:** A0193494

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

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

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

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	12,581.8 µg/mL	+/- 434.7671
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	12,578.5 µg/mL	+/- 434.6548
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	12,602.3 µg/mL	+/- 435.4755
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,587.5 µg/mL	+/- 434.9658

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

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

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Reagent

KetonesC_00028

R 2485 11574596.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569721 **Lot No.:** A0203422

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

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

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

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	27D1062005	99%	12,507.0 µg/mL	+/- 432.2709
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,507.0 µg/mL	+/- 432.2709
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,507.0 µg/mL	+/- 432.2709
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,506.0 µg/mL	+/- 432.2364

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

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

Reagent

LIST2/STD6_00020

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

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

Description : 8260 List 2 / Std #6

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Page 1 of 1081

Reagent

LIST2/STD6_00021

R2491

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

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

Description : 8260 List 2 / Std #6

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Page 107 of 1081

Reagent

LIST2/STD7_00023

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260 List 2 / Std #7

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Reagent

LIST2/STD7_00024

R2492

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260 List 2 / Std #7

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Reagent

Mega Mix SS_00021

R2477

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260 Internal Standard 2014

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

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

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

Ship: Ambient

CERTIFIED VALUE

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

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

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

Reagent

Mega Mix_00038

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2465
1/25/2024 MS # 11479994

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

* Expanded Uncertainty displayed in same units as Grav. Conc

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

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Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

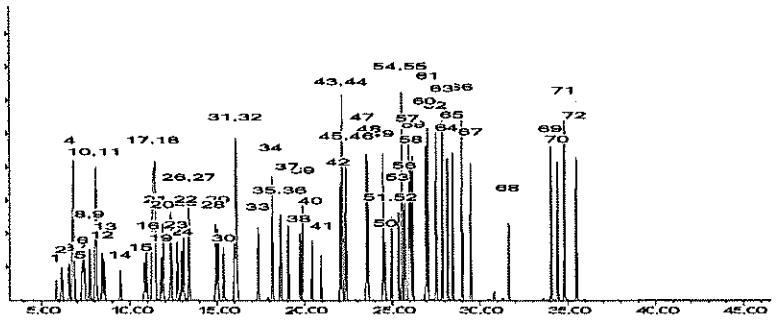
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
20.0 ml/min.

Inj. Vol
0.2µl



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

Penelope Riglin - Operations Tech I

Date Mixed: 22-Oct-2023 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 08-Dec-2023

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

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Reagent

Mega Mix_00039

R2490

RESTEK

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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

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

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Reagent

POLAR ADD_00026

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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1/25/2024 MS # 11479995

5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571993 **Lot No.:** A0194786

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

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

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

Expiration Date : February 28, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBH6233	99%	25,178.4 µg/mL	+/- 411.7151
2	Diisopropyl ether (DIPE)	108-20-3	STBK3450	99%	2,519.2 µg/mL	+/- 41.2058
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCP5997	99%	2,512.8 µg/mL	+/- 41.1011
4	Propionitrile	107-12-0	BCCF4167	99%	25,095.6 µg/mL	+/- 410.3612
5	tert-Amyl alcohol	75-85-4	STBB1898V	99%	25,105.6 µg/mL	+/- 410.5247
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBG7745V	99%	2,514.0 µg/mL	+/- 41.1207

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

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

Reagent

POLAR ADD_00027

R2489

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571993 **Lot No.:** A0194786

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

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

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

Expiration Date : February 28, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBH6233	99%	25,178.4 µg/mL	+/- 411.7151
2	Diisopropyl ether (DIPE)	108-20-3	STBK3450	99%	2,519.2 µg/mL	+/- 41.2058
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCP5997	99%	2,512.8 µg/mL	+/- 41.1011
4	Propionitrile	107-12-0	BCCF4167	99%	25,095.6 µg/mL	+/- 410.3612
5	tert-Amyl alcohol	75-85-4	STBB1898V	99%	25,105.6 µg/mL	+/- 410.5247
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBG7745V	99%	2,514.0 µg/mL	+/- 41.1207

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

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

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Reagent

POLAR ADD_00028

A2502

RESTEK

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Page 129 of 1081

Reagent

TBA AB_00007

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90766
Lot Number: 111120
Description: tert-Butyl alcohol (t-Butanol)
(2-Methyl-2-propanol)
Expiration Date: 111125
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 20000
NIST Test ID#: 23060

Solvent(s): **Lot#**
Methanol DY186-US

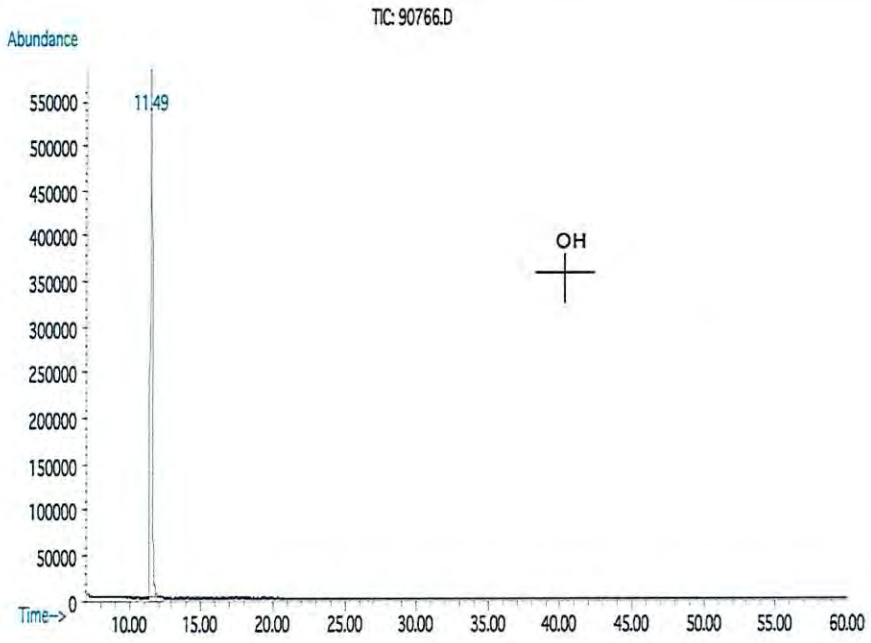
R 2420
MS 7120123 #10991629

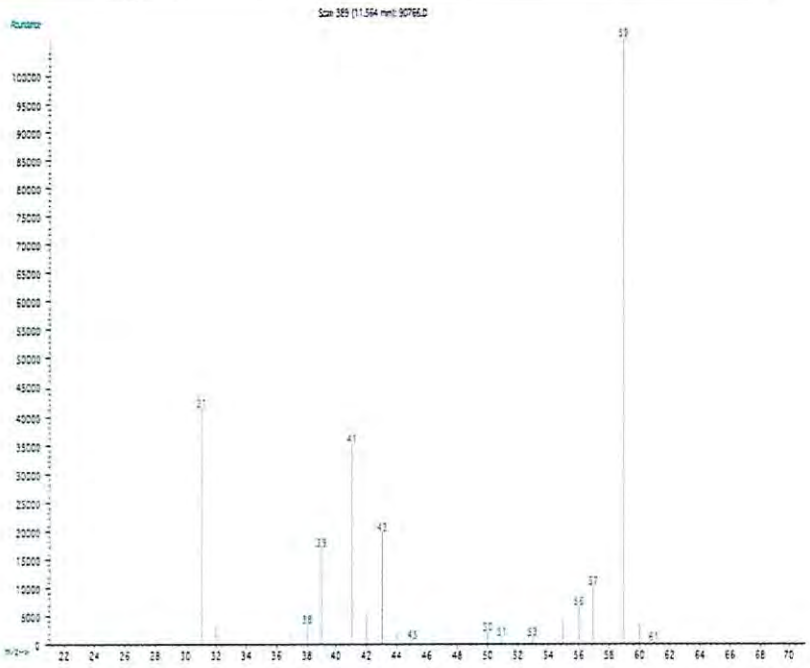
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0 0.058 Flask Uncertainty

Eli Aliaga	111120
Formulated By: Eli Aliaga	DATE
Pedro Rentas	111120
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. tert-Butyl alcohol (t-Butanol)	988	21796PMV	20000	99	0.2	4.04024	4.04070	20002.3	81.6	75-65-0	100 ppm (300mg/m3/8H)	orl-rat 3500mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1=10min.), Temp. 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren.





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

Reagent

Vinyl Acetate_00097

R2448

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

5/24/2024 11:47:36 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569724 **Lot No.:** A0200199

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

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

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

Expiration Date : January 31, 2025 **Storage:** -20°C or colder

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD220630	99%	5,036.0 µg/mL	+/- 174.0672

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

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

Tech Tips:

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

Reagent

Vinyl Acetate_00099

R2484 11574468

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

5/24/2024 11:47:36 AM

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Catalog No. : 569724 **Lot No.:** A0200199

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

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

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

Expiration Date : January 31, 2025 **Storage:** -20°C or colder

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD220630	99%	5,036.0 µg/mL	+/- 174.0672

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

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

Tech Tips:

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

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

5/24/2024
11:47:36 AM

CERTIFIED WEIGHT REPORT

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

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

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

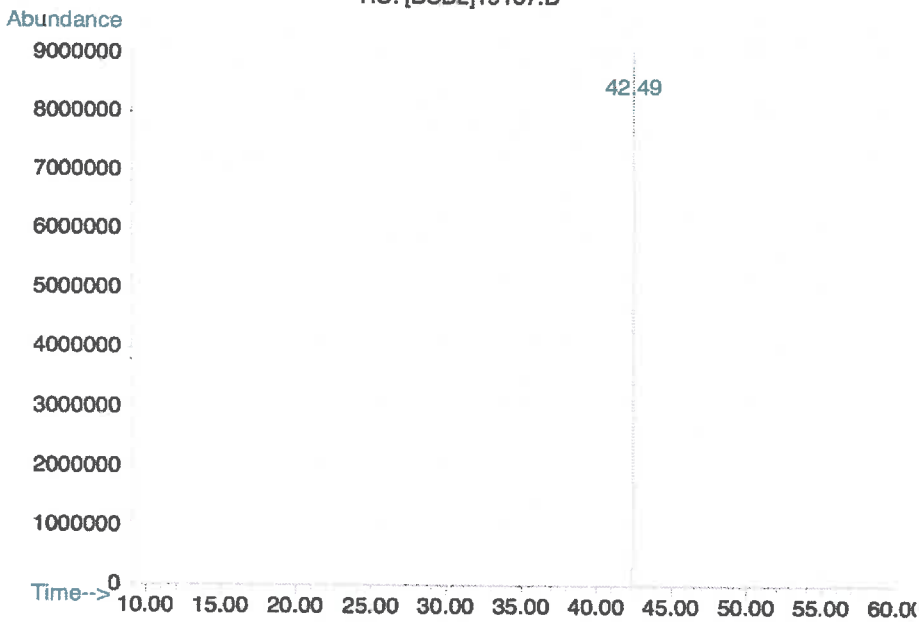
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

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

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

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

TIC: [BSB2]19167.D



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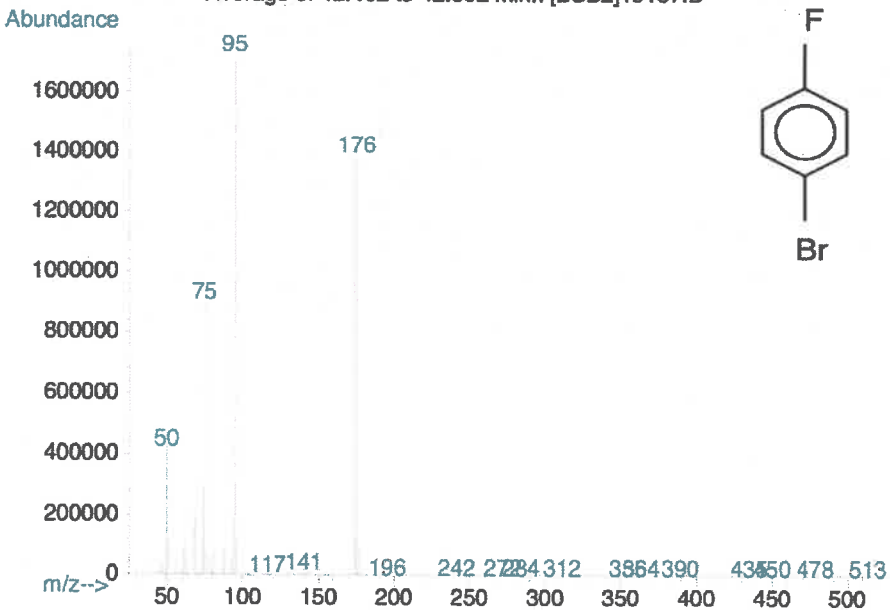


- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value,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

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-304107-1	104	93	96	106
ME-8	460-304107-2	87	64 *	105	98
ME-13	460-304107-3	109	110	100	99
ME-113	460-304107-4	109	119	100	95
A-02	460-304107-5	111	116	101	97
A-06	460-304107-6	105	109	101	96
A-066	460-304107-7	106	108	100	95
A-07	460-304107-8	109	112	99	96
A-08	460-304107-9	104	92	97	107
A-05	460-304107-10	108	118	101	94
A-09	460-304107-11	110	118	100	94
A-10	460-304107-12	110	113	100	96
FB0515	460-304107-13	102	89	97	107
Trip Blank	460-304107-14	102	91	99	106
	MB 460-976170/7	107	110	101	95
	MB 460-976394/10	103	90	98	105
	LCS 460-976170/3	106	107	102	95
	LCS 460-976394/6	103	92	97	106
	LCSD 460-976170/4	105	105	102	96
	LCSD 460-976394/7	105	92	98	108
A-02 MS	460-304107-5 MS	106	106	101	97
A-02 MSD	460-304107-5 MSD	106	111	102	93

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T677964.D

Lab ID: LCS 460-976170/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.3	106	72-128	
1,1,2,2-Tetrachloroethane	20.0	20.9	105	63-139	
1,1,2-Trichloroethane	20.0	20.2	101	74-125	
1,1-Dichloroethane	20.0	19.7	99	73-130	
1,1-Dichloroethene	20.0	19.3	97	68-133	
1,2-Dichloroethane	20.0	21.5	108	66-129	
1,2-Dichloropropane	20.0	19.0	95	68-128	
2-Hexanone	100	94.5	95	61-134	
Acetone	100	86.8	87	49-149	
Benzene	20.0	19.7	98	71-126	
Bromodichloromethane	20.0	20.7	103	76-121	
Bromoform	20.0	17.6	88	58-136	
Bromomethane	20.0	22.4	112	10-120	
Carbon disulfide	20.0	18.9	95	68-138	
Carbon tetrachloride	20.0	20.2	101	65-142	
Chlorobenzene	20.0	19.4	97	80-120	
Chloroethane	20.0	17.2	86	48-150	
Chloroform	20.0	22.1	111	78-125	
Chloromethane	20.0	17.8	89	43-140	
cis-1,2-Dichloroethene	20.0	19.7	99	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	74-125	
Dibromochloromethane	20.0	20.1	101	69-130	
Ethylbenzene	20.0	19.2	96	78-120	
Methyl Ethyl Ketone	100	95.7	96	61-142	
methyl isobutyl ketone	100	100	100	69-139	
Methylene Chloride	20.0	19.1	96	74-127	
Styrene	20.0	19.5	97	82-127	
Tetrachloroethene	20.0	18.2	91	70-127	
Toluene	20.0	19.4	97	78-120	
trans-1,2-Dichloroethene	20.0	19.3	96	74-126	
trans-1,3-Dichloropropene	20.0	19.5	98	66-127	
Trichloroethene	20.0	19.6	98	51-121	
Vinyl chloride	20.0	22.6	113	55-144	
Xylenes, Total	40.0	38.4	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT80709.D

Lab ID: LCS 460-976394/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.9	99	72-128	
1,1,2,2-Tetrachloroethane	20.0	15.3	77	63-139	
1,1,2-Trichloroethane	20.0	18.3	91	74-125	
1,1-Dichloroethane	20.0	19.3	97	73-130	
1,1-Dichloroethene	20.0	19.0	95	68-133	
1,2-Dichloroethane	20.0	17.6	88	66-129	
1,2-Dichloropropane	20.0	17.9	90	68-128	
2-Hexanone	100	88.5	88	61-134	
Acetone	100	84.7	85	49-149	
Benzene	20.0	18.6	93	71-126	
Bromodichloromethane	20.0	17.3	87	76-121	
Bromoform	20.0	17.2	86	58-136	
Bromomethane	20.0	22.3	111	10-120	
Carbon disulfide	20.0	18.3	92	68-138	
Carbon tetrachloride	20.0	18.9	95	65-142	
Chlorobenzene	20.0	19.8	99	80-120	
Chloroethane	20.0	19.3	97	48-150	
Chloroform	20.0	19.4	97	78-125	
Chloromethane	20.0	19.0	95	43-140	
cis-1,2-Dichloroethene	20.0	19.5	98	78-121	
cis-1,3-Dichloropropene	20.0	16.7	83	74-125	
Dibromochloromethane	20.0	17.7	89	69-130	
Ethylbenzene	20.0	19.3	97	78-120	
Methyl Ethyl Ketone	100	95.6	96	61-142	
methyl isobutyl ketone	100	98.9	99	69-139	
Methylene Chloride	20.0	20.0	100	74-127	
Styrene	20.0	18.1	90	82-127	
Tetrachloroethene	20.0	21.0	105	70-127	
Toluene	20.0	18.3	92	78-120	
trans-1,2-Dichloroethene	20.0	19.6	98	74-126	
trans-1,3-Dichloropropene	20.0	16.2	81	66-127	
Trichloroethene	20.0	18.7	93	51-121	
Vinyl chloride	20.0	19.0	95	55-144	
Xylenes, Total	40.0	38.1	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T677965.D

Lab ID: LCSD 460-976170/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	105	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	5	30	63-139	
1,1,2-Trichloroethane	20.0	20.3	101	0	30	74-125	
1,1-Dichloroethane	20.0	19.4	97	2	30	73-130	
1,1-Dichloroethene	20.0	19.2	96	1	30	68-133	
1,2-Dichloroethane	20.0	21.3	106	1	30	66-129	
1,2-Dichloropropane	20.0	18.7	93	2	30	68-128	
2-Hexanone	100	93.8	94	1	30	61-134	
Acetone	100	86.1	86	1	30	49-149	
Benzene	20.0	19.6	98	0	30	71-126	
Bromodichloromethane	20.0	20.5	103	1	30	76-121	
Bromoform	20.0	17.6	88	0	30	58-136	
Bromomethane	20.0	23.7	119	6	30	10-120	
Carbon disulfide	20.0	18.4	92	3	30	68-138	
Carbon tetrachloride	20.0	19.9	100	2	30	65-142	
Chlorobenzene	20.0	19.5	98	1	30	80-120	
Chloroethane	20.0	18.8	94	9	30	48-150	
Chloroform	20.0	21.4	107	3	30	78-125	
Chloromethane	20.0	17.6	88	1	30	43-140	
cis-1,2-Dichloroethene	20.0	19.7	99	0	30	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	1	30	74-125	
Dibromochloromethane	20.0	20.0	100	0	30	69-130	
Ethylbenzene	20.0	19.0	95	1	30	78-120	
Methyl Ethyl Ketone	100	98.3	98	3	30	61-142	
methyl isobutyl ketone	100	99.5	99	1	30	69-139	
Methylene Chloride	20.0	18.7	94	2	30	74-127	
Styrene	20.0	19.7	99	1	30	82-127	
Tetrachloroethene	20.0	18.6	93	2	30	70-127	
Toluene	20.0	19.3	96	1	30	78-120	
trans-1,2-Dichloroethene	20.0	19.0	95	1	30	74-126	
trans-1,3-Dichloropropene	20.0	19.1	96	2	30	66-127	
Trichloroethene	20.0	19.6	98	0	30	51-121	
Vinyl chloride	20.0	22.4	112	1	30	55-144	
Xylenes, Total	40.0	38.1	95	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT80710.D

Lab ID: LCSD 460-976394/7 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.9	105	5	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.2	86	12	30	63-139	
1,1,2-Trichloroethane	20.0	19.6	98	7	30	74-125	
1,1-Dichloroethane	20.0	20.5	103	6	30	73-130	
1,1-Dichloroethene	20.0	19.8	99	4	30	68-133	
1,2-Dichloroethane	20.0	18.9	94	7	30	66-129	
1,2-Dichloropropane	20.0	19.2	96	7	30	68-128	
2-Hexanone	100	93.8	94	6	30	61-134	
Acetone	100	91.2	91	7	30	49-149	
Benzene	20.0	20.2	101	8	30	71-126	
Bromodichloromethane	20.0	18.5	93	7	30	76-121	
Bromoform	20.0	18.6	93	8	30	58-136	
Bromomethane	20.0	23.4	117	5	30	10-120	
Carbon disulfide	20.0	19.3	97	5	30	68-138	
Carbon tetrachloride	20.0	19.7	99	4	30	65-142	
Chlorobenzene	20.0	20.9	105	5	30	80-120	
Chloroethane	20.0	19.9	99	3	30	48-150	
Chloroform	20.0	20.7	104	6	30	78-125	
Chloromethane	20.0	18.4	92	3	30	43-140	
cis-1,2-Dichloroethene	20.0	20.8	104	7	30	78-121	
cis-1,3-Dichloropropene	20.0	17.8	89	7	30	74-125	
Dibromochloromethane	20.0	18.5	93	5	30	69-130	
Ethylbenzene	20.0	20.7	104	7	30	78-120	
Methyl Ethyl Ketone	100	106	106	11	30	61-142	
methyl isobutyl ketone	100	105	105	6	30	69-139	
Methylene Chloride	20.0	21.4	107	7	30	74-127	
Styrene	20.0	19.5	97	8	30	82-127	
Tetrachloroethene	20.0	22.6	113	7	30	70-127	
Toluene	20.0	20.0	100	9	30	78-120	
trans-1,2-Dichloroethene	20.0	20.7	103	5	30	74-126	
trans-1,3-Dichloropropene	20.0	17.4	87	7	30	66-127	
Trichloroethene	20.0	19.8	99	6	30	51-121	
Vinyl chloride	20.0	19.1	96	1	30	55-144	
Xylenes, Total	40.0	40.7	102	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T677982.D

Lab ID: 460-304107-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	21.6	108	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	20.3	101	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	21.0	105	74-125	
1,1-Dichloroethane	20.0	1.0 U	19.3	97	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.4	97	68-133	
1,2-Dichloroethane	20.0	1.0 U	21.9	109	66-129	
1,2-Dichloropropane	20.0	1.0 U	18.8	94	68-128	
2-Hexanone	100	5.0 U	102	102	61-134	
Acetone	100	5.0 U	90.9	91	49-149	
Benzene	20.0	1.0 U	19.8	99	71-126	
Bromodichloromethane	20.0	1.0 U	21.3	107	76-121	
Bromoform	20.0	1.0 U	18.9	94	58-136	
Bromomethane	20.0	1.0 U	21.1	105	10-120	
Carbon disulfide	20.0	1.0 U	18.6	93	68-138	
Carbon tetrachloride	20.0	1.0 U	21.2	106	65-142	
Chlorobenzene	20.0	1.0 U	20.0	100	80-120	
Chloroethane	20.0	1.0 U	18.0	90	48-150	
Chloroform	20.0	1.0 U	21.9	110	78-125	
Chloromethane	20.0	1.0 U	17.2	86	43-140	
cis-1,2-Dichloroethene	20.0	1.0 U	20.1	100	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.5	97	74-125	
Dibromochloromethane	20.0	1.0 U	20.9	105	69-130	
Ethylbenzene	20.0	1.0 U	19.4	97	78-120	
Methyl Ethyl Ketone	100	5.0 U	108	108	61-142	
methyl isobutyl ketone	100	5.0 U	108	108	69-139	
Methylene Chloride	20.0	1.0 U	19.3	97	74-127	
Styrene	20.0	1.0 U	20.3	102	82-127	
Tetrachloroethene	20.0	9.7	27.8	90	70-127	
Toluene	20.0	1.0 U	19.9	100	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	19.3	97	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.4	97	66-127	
Trichloroethene	20.0	1.0 U	19.5	98	51-121	
Vinyl chloride	20.0	1.0 U	18.8	94	55-144	
Xylenes, Total	40.0	2.0 U	39.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T677983.D

Lab ID: 460-304107-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.9	114	6	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.2	111	9	30	63-139	
1,1,2-Trichloroethane	20.0	22.2	111	6	30	74-125	
1,1-Dichloroethane	20.0	22.0	110	13	30	73-130	
1,1-Dichloroethene	20.0	20.0	100	3	30	68-133	
1,2-Dichloroethane	20.0	23.5	118	7	30	66-129	
1,2-Dichloropropane	20.0	20.9	104	11	30	68-128	
2-Hexanone	100	103	103	1	30	61-134	
Acetone	100	89.0	89	2	30	49-149	
Benzene	20.0	21.4	107	8	30	71-126	
Bromodichloromethane	20.0	22.5	113	6	30	76-121	
Bromoform	20.0	18.7	94	1	30	58-136	
Bromomethane	20.0	23.1	115	9	30	10-120	
Carbon disulfide	20.0	20.0	100	7	30	68-138	
Carbon tetrachloride	20.0	21.7	108	3	30	65-142	
Chlorobenzene	20.0	20.8	104	4	30	80-120	
Chloroethane	20.0	17.1	85	6	30	48-150	
Chloroform	20.0	23.8	119	8	30	78-125	
Chloromethane	20.0	18.4	92	7	30	43-140	
cis-1,2-Dichloroethene	20.0	20.4	102	2	30	78-121	
cis-1,3-Dichloropropene	20.0	21.2	106	8	30	74-125	
Dibromochloromethane	20.0	21.5	107	2	30	69-130	
Ethylbenzene	20.0	20.4	102	5	30	78-120	
Methyl Ethyl Ketone	100	102	102	6	30	61-142	
methyl isobutyl ketone	100	108	108	0	30	69-139	
Methylene Chloride	20.0	20.3	101	5	30	74-127	
Styrene	20.0	21.3	106	5	30	82-127	
Tetrachloroethene	20.0	28.1	92	1	30	70-127	
Toluene	20.0	21.0	105	5	30	78-120	
trans-1,2-Dichloroethene	20.0	20.3	102	5	30	74-126	
trans-1,3-Dichloropropene	20.0	21.3	107	10	30	66-127	
Trichloroethene	20.0	21.3	106	9	30	51-121	
Vinyl chloride	20.0	20.3	102	8	30	55-144	
Xylenes, Total	40.0	41.3	103	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab File ID: T677968.D Lab Sample ID: MB 460-976170/7

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

Instrument ID: CVOAMS15 Date Analyzed: 05/22/2024 09:24

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-976170/3	T677964.D	05/22/2024 07:53
	LCSD 460-976170/4	T677965.D	05/22/2024 08:16
A-066	460-304107-7	T677972.D	05/22/2024 10:55
A-02 MS	460-304107-5 MS	T677982.D	05/22/2024 14:50
A-02 MSD	460-304107-5 MSD	T677983.D	05/22/2024 15:12
A-02	460-304107-5	T677985.D	05/22/2024 15:58
ME-13	460-304107-3	T677986.D	05/22/2024 16:21
ME-113	460-304107-4	T677987.D	05/22/2024 16:43
A-06	460-304107-6	T677988.D	05/22/2024 17:06
A-07	460-304107-8	T677989.D	05/22/2024 17:29
A-05	460-304107-10	T677991.D	05/22/2024 18:14
A-09	460-304107-11	T677992.D	05/22/2024 18:37
A-10	460-304107-12	T677993.D	05/22/2024 19:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab File ID: TT80713.D Lab Sample ID: MB 460-976394/10

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

Instrument ID: CVOAMS17 Date Analyzed: 05/23/2024 08:27

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-976394/6	TT80709.D	05/23/2024 07:09
	LCSD 460-976394/7	TT80710.D	05/23/2024 07:28
FB0515	460-304107-13	TT80714.D	05/23/2024 08:47
Trip Blank	460-304107-14	TT80715.D	05/23/2024 09:07
A-15	460-304107-1	TT80716.D	05/23/2024 09:26
ME-8	460-304107-2	TT80717.D	05/23/2024 09:47
A-08	460-304107-9	TT80718.D	05/23/2024 10:06

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab File ID: T676822.D BFB Injection Date: 04/21/2024

Instrument ID: CVOAMS15 BFB Injection Time: 08:40

Analysis Batch No.: 970718

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	116.0
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	1.9
174	50 - 200% of m/z 95	86.2
175	5 - 9% of m/z 174	7.2
176	95 -105% of m/z 174	98.2
177	5 - 10% of m/z 176	6.0

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-970718/3	T676824.D	04/21/2024	9:57
	STD5 460-970718/6	T676827.D	04/21/2024	11:05
	STD20 460-970718/7	T676828.D	04/21/2024	11:27
	STD50 460-970718/8	T676829.D	04/21/2024	11:50
	STD200 460-970718/9	T676830.D	04/21/2024	12:13
	STD500 460-970718/10	T676831.D	04/21/2024	12:35
	STD1 460-970718/23	T676839.D	04/21/2024	15:36
	STD05 460-970718/18	T676840.D	04/21/2024	15:59
	ICV 460-970718/21	T676843.D	04/21/2024	17:07

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab File ID: TT80097.D BFB Injection Date: 05/09/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:47

Analysis Batch No.: 973787

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.0
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	84.7
175	5 - 9% of m/z 174	8.6
176	95 -105% of m/z 174	97.6
177	5 - 10% of m/z 176	6.4

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-973787/3	TT80099.D	05/09/2024	8:29
	STD05 460-973787/4	TT80100.D	05/09/2024	8:49
	STD1 460-973787/5	TT80101.D	05/09/2024	9:08
	STD5 460-973787/6	TT80102.D	05/09/2024	9:28
	STD20 460-973787/7	TT80103.D	05/09/2024	9:47
	STD50 460-973787/8	TT80104.D	05/09/2024	10:07
	STD200 460-973787/9	TT80105.D	05/09/2024	10:26
	STD500 460-973787/10	TT80106.D	05/09/2024	10:46
	ICV 460-973787/16	TT80112.D	05/09/2024	13:03

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: STD20 460-970718/7 Date Analyzed: 04/21/2024 11:27

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

Lab File ID (Standard): T676828.D Heated Purge: (Y/N) N

Calibration ID: 96739

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		38335	3.20	298820	4.40	520862	5.65
UPPER LIMIT		76670	3.70	597640	4.90	1041724	6.15
LOWER LIMIT		19168	2.70	149410	3.90	260431	5.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-970718/21		48554	3.20	338084	4.40	568555	5.65

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: STD20 460-970718/7 Date Analyzed: 04/21/2024 11:27

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

Lab File ID (Standard): T676828.D Heated Purge: (Y/N) N

Calibration ID: 96739

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28769	6.47	406784	9.78	204171	13.03
UPPER LIMIT		57538	6.97	813568	10.28	408342	13.53
LOWER LIMIT		14385	5.97	203392	9.28	102086	12.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-970718/21		40168	6.48	452831	9.78	228500	13.03

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: CCVIS 460-976170/2 Date Analyzed: 05/22/2024 07:31

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

Lab File ID (Standard): T677963.D Heated Purge: (Y/N) N

Calibration ID: 96739

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		48397	3.21	334217	4.40	501119	5.66
UPPER LIMIT		96794	3.71	668434	4.90	1002238	6.16
LOWER LIMIT		24199	2.71	167109	3.90	250560	5.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-976170/3		53950	3.21	346978	4.40	551366	5.66
LCSD 460-976170/4		53190	3.20	349292	4.40	602021	5.66
MB 460-976170/7		49709	3.20	323100	4.40	567309	5.66
460-304107-7	A-066	46799	3.21	316176	4.40	576970	5.66
460-304107-5 MS	A-02 MS	57010	3.21	352576	4.40	646914	5.66
460-304107-5 MSD	A-02 MSD	49935	3.21	333823	4.40	542707	5.66
460-304107-5	A-02	50456	3.20	315472	4.40	552021	5.66
460-304107-3	ME-13	50173	3.20	309050	4.40	602963	5.66
460-304107-4	ME-113	44137	3.21	295529	4.40	504354	5.66
460-304107-6	A-06	49597	3.21	300544	4.40	568399	5.66
460-304107-8	A-07	49198	3.21	299982	4.40	559327	5.66
460-304107-10	A-05	44071	3.20	284085	4.40	489408	5.66
460-304107-11	A-09	41582	3.21	274207	4.40	480933	5.66
460-304107-12	A-10	47099	3.20	287674	4.40	532688	5.66

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: CCVIS 460-976170/2 Date Analyzed: 05/22/2024 07:31

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

Lab File ID (Standard): T677963.D Heated Purge: (Y/N) N

Calibration ID: 96739

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39459	6.48	407940	9.78	211798	13.04
UPPER LIMIT		78918	6.98	815880	10.28	423596	13.54
LOWER LIMIT		19730	5.98	203970	9.28	105899	12.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-976170/3		42823	6.48	447178	9.78	228825	13.04
LCSD 460-976170/4		46241	6.48	486905	9.78	250198	13.04
MB 460-976170/7		39406	6.48	454255	9.78	231855	13.04
460-304107-7	A-066	38570	6.48	451448	9.78	229112	13.04
460-304107-5 MS	A-02 MS	47503	6.47	521296	9.78	269609	13.04
460-304107-5 MSD	A-02 MSD	41448	6.47	436529	9.79	225463	13.04
460-304107-5	A-02	39997	6.47	448363	9.78	234392	13.04
460-304107-3	ME-13	42127	6.48	481951	9.78	253811	13.04
460-304107-4	ME-113	36624	6.48	410063	9.78	212906	13.04
460-304107-6	A-06	39354	6.48	444616	9.78	231108	13.04
460-304107-8	A-07	38749	6.48	458039	9.78	236088	13.04
460-304107-10	A-05	34689	6.47	393350	9.78	203884	13.04
460-304107-11	A-09	34130	6.48	392311	9.78	200801	13.04
460-304107-12	A-10	38648	6.48	430600	9.78	221547	13.04

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: STD20 460-973787/7 Date Analyzed: 05/09/2024 09:47

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

Lab File ID (Standard): TT80103.D Heated Purge: (Y/N) N

Calibration ID: 97130

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28257	2.95	180074	3.98	592819	5.06
UPPER LIMIT		56514	3.45	360148	4.48	1185638	5.56
LOWER LIMIT		14129	2.45	90037	3.48	296410	4.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-973787/16		27950	2.95	165766	3.98	587812	5.05

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: STD20 460-973787/7 Date Analyzed: 05/09/2024 09:47

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

Lab File ID (Standard): TT80103.D Heated Purge: (Y/N) N

Calibration ID: 97130

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		16405	5.73	414333	8.46	211089	11.07
UPPER LIMIT		32810	6.23	828666	8.96	422178	11.57
LOWER LIMIT		8203	5.23	207167	7.96	105545	10.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-973787/16		17586	5.73	420753	8.46	218965	11.07

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: CCVIS 460-976394/5 Date Analyzed: 05/23/2024 06:49

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

Lab File ID (Standard): TT80708.D Heated Purge: (Y/N) N

Calibration ID: 97130

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20987	2.96	134662	3.98	571485	5.06
UPPER LIMIT		41974	3.46	269324	4.48	1142970	5.56
LOWER LIMIT		10494	2.46	67331	3.48	285743	4.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-976394/6		19923	2.95	122675	3.98	516300	5.05
LCSD 460-976394/7		20549	2.95	130144	3.98	559178	5.05
MB 460-976394/10		20407	2.96	127600	3.98	558454	5.05
460-304107-13	FB0515	19315	2.95	115382	3.98	500620	5.05
460-304107-14	Trip Blank	18376	2.96	125444	3.98	547057	5.05
460-304107-1	A-15	20122	2.95	126171	3.98	543327	5.05
460-304107-2	ME-8	13536	2.95	76880	3.98	584910	5.05
460-304107-9	A-08	15765	2.96	110767	3.98	539965	5.06

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Sample No.: CCVIS 460-976394/5 Date Analyzed: 05/23/2024 06:49

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

Lab File ID (Standard): TT80708.D Heated Purge: (Y/N) N

Calibration ID: 97130

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		14935	5.73	419006	8.46	231854	11.07
UPPER LIMIT		29870	6.23	838012	8.96	463708	11.57
LOWER LIMIT		7468	5.23	209503	7.96	115927	10.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-976394/6		14853	5.73	383457	8.46	218591	11.07
LCSD 460-976394/7		12635	5.74	410218	8.46	226000	11.07
MB 460-976394/10		13393	5.73	394604	8.46	220360	11.07
460-304107-13	FB0515	13079	5.73	365720	8.46	206861	11.07
460-304107-14	Trip Blank	12740	5.74	392628	8.46	221916	11.07
460-304107-1	A-15	12820	5.73	392814	8.46	221931	11.07
460-304107-2	ME-8	9315	5.74	385848	8.46	200951	11.07
460-304107-9	A-08	8297	5.73	390277	8.46	217877	11.07

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-304107-1

Matrix: Water | Lab File ID: TT80716.D

Analysis Method: 8260D | Date Collected: 05/15/2024 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 09:26

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.55	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	8.0		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-15 Lab Sample ID: 460-304107-1

Matrix: Water Lab File ID: TT80716.D

Analysis Method: 8260D Date Collected: 05/15/2024 08:50

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 09:26

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D
Lims ID: 460-304107-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 23-May-2024 09:26:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-1
Misc. Info.: 460-0176271-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:19:27 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: XE5L Date: 23-May-2024 12:19:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.951	2.963	-0.012	0	20122	1000.0	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	126171	250.0	
52 Chloroform	83	4.298	4.292	0.006	97	2853	0.5463	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	137997	52.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	118121	46.5	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	543327	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	12820	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	505773	48.2	
88 Tetrachloroethene	166	7.371	7.371	0.000	96	25298	7.99	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	84	392814	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	171893	53.1	
* 121 1,4-Dichlorobenzene-d4	152	11.065	11.066	-0.001	94	221931	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 23-May-2024 12:19:28 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D

Injection Date: 23-May-2024 09:26:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-A-1 Lab Sample ID: 460-304107-1

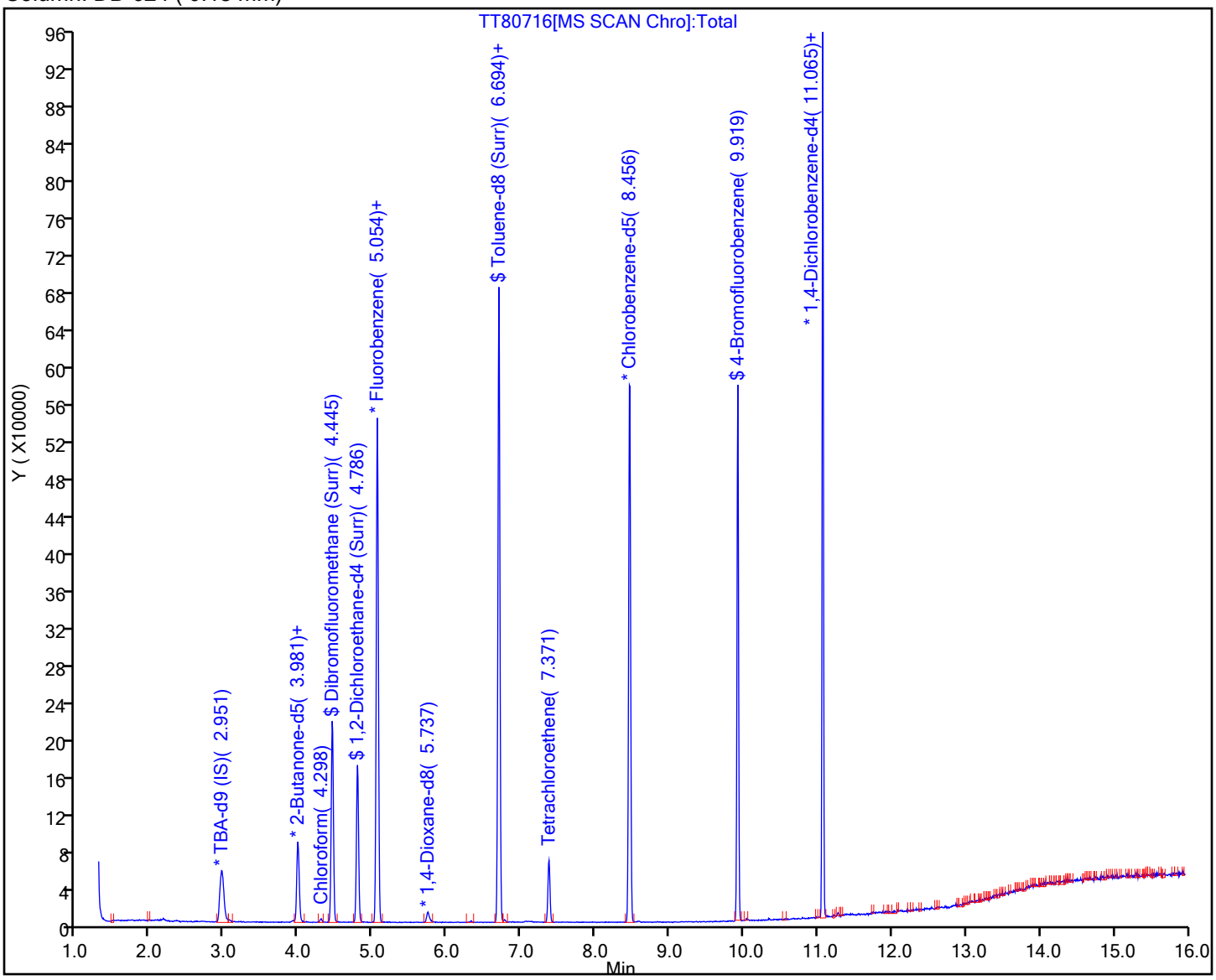
Client ID: A-15

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D
Lims ID: 460-304107-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 23-May-2024 09:26:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-1
Misc. Info.: 460-0176271-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:19:27 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

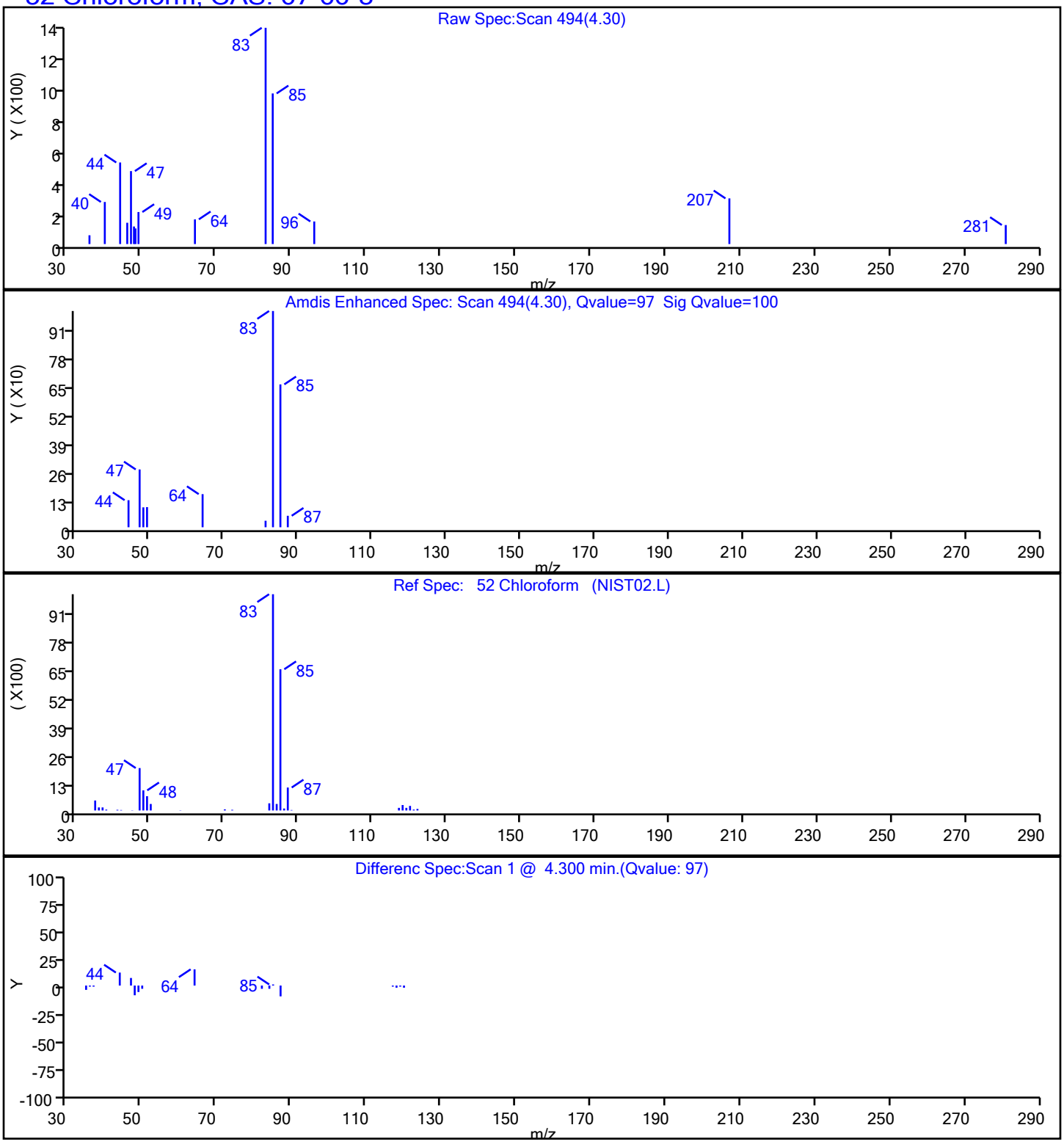
First Level Reviewer: XE5L Date: 23-May-2024 12:19:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.2	104.35
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.5	92.94
$ 83 Toluene-d8 (Surr)	50.0	48.2	96.47
$ 105 4-Bromofluorobenzene	50.0	53.1	106.21

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D
Injection Date: 23-May-2024 09:26:30 Instrument ID: CVOAMS17
Lims ID: 460-304107-A-1 Lab Sample ID: 460-304107-1
Client ID: A-15
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

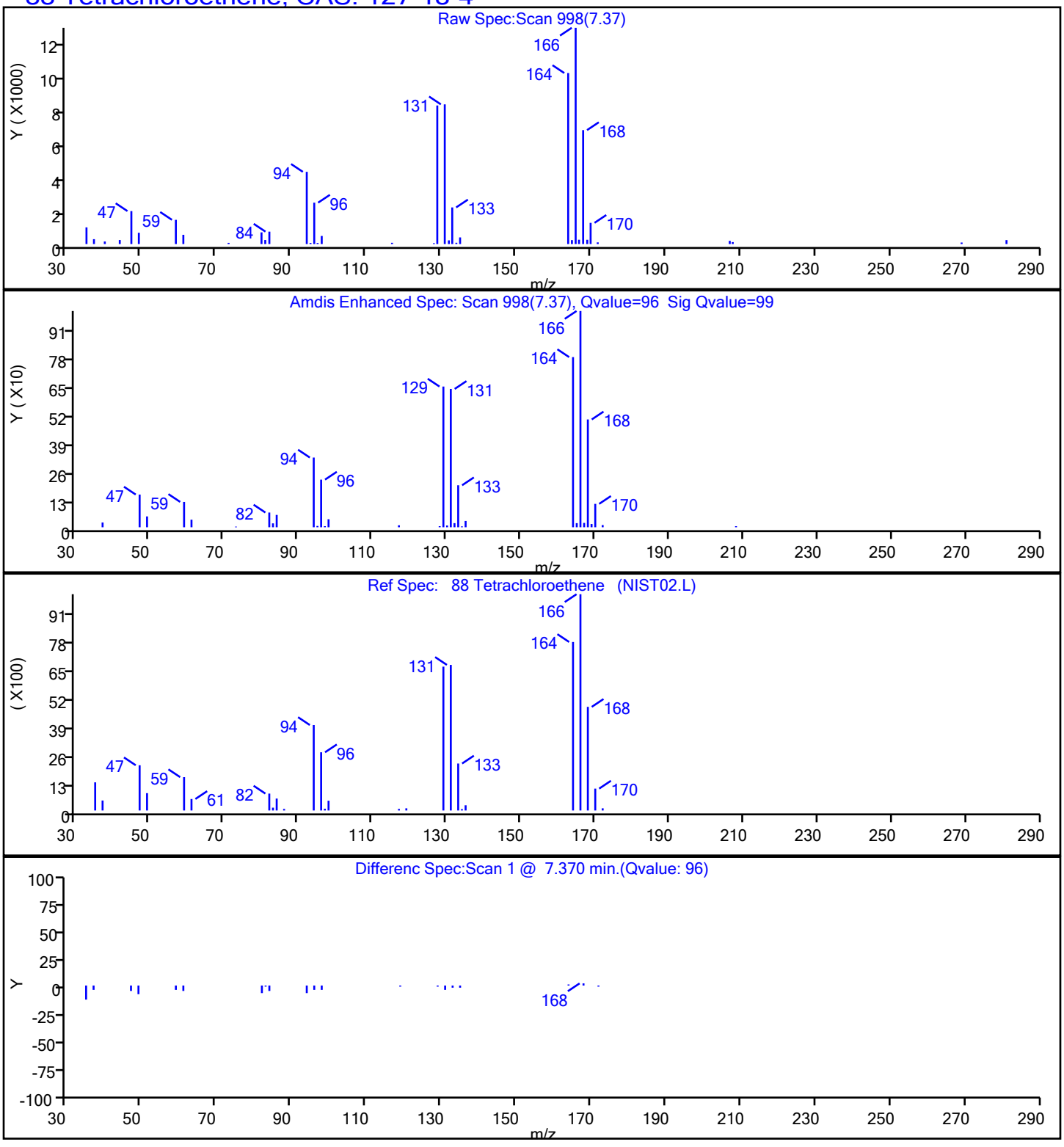
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D
Injection Date: 23-May-2024 09:26:30 Instrument ID: CVOAMS17
Lims ID: 460-304107-A-1 Lab Sample ID: 460-304107-1
Client ID: A-15
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



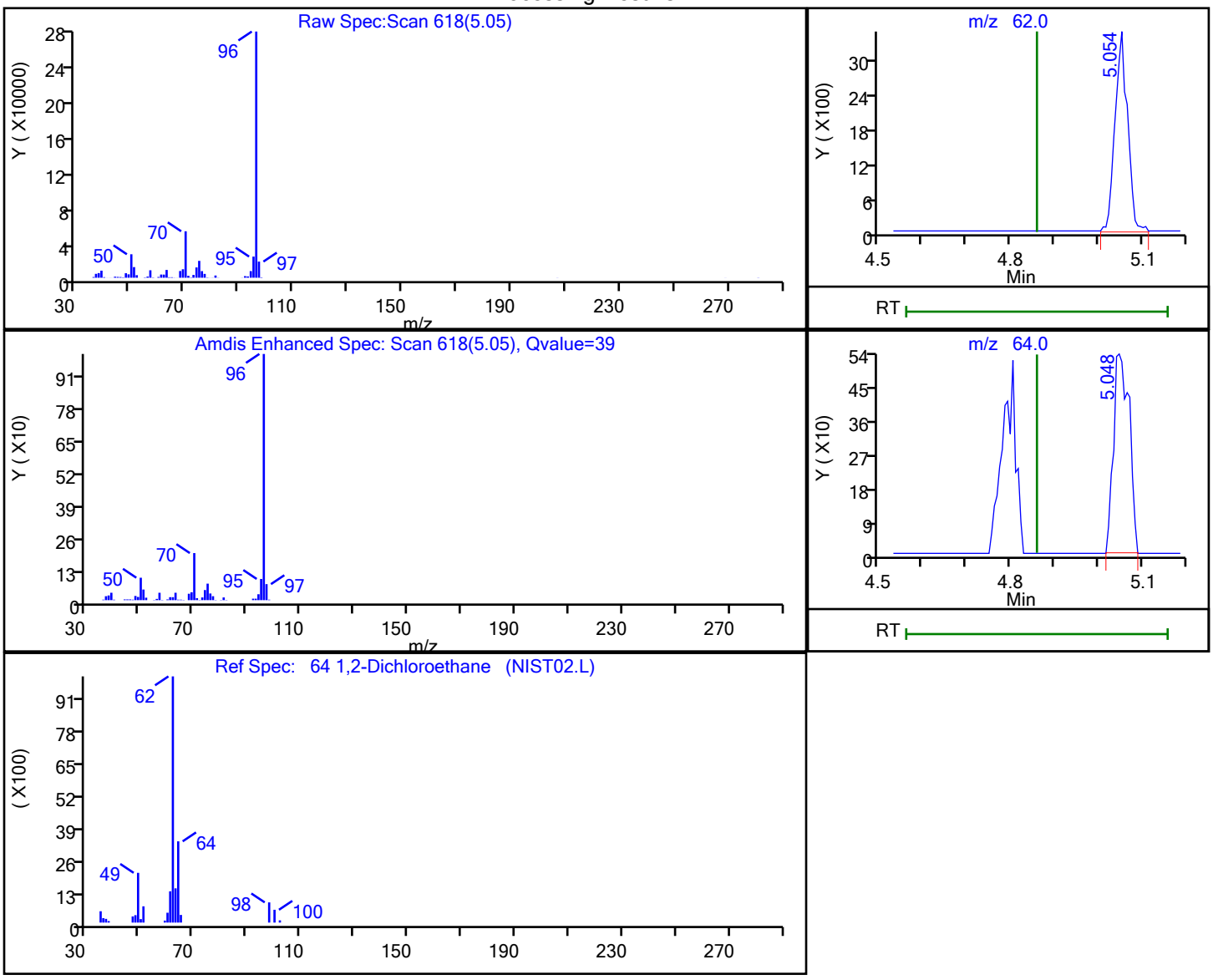
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80716.D				
Injection Date:	23-May-2024 09:26:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-A-1	Lab Sample ID:	460-304107-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.05	62.00	6820	2.220246
5.05	64.00	1340	

Reviewer: XE5L, 23-May-2024 12:19:18 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-304107-2

Matrix: Water | Lab File ID: TT80717.D

Analysis Method: 8260D | Date Collected: 05/15/2024 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 09:47

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	75		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-8 Lab Sample ID: 460-304107-2

Matrix: Water Lab File ID: TT80717.D

Analysis Method: 8260D Date Collected: 05/15/2024 09:15

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 09:47

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	64	*	70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D
Lims ID: 460-304107-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 23-May-2024 09:47:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-2
Misc. Info.: 460-0176271-014
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:20:04 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: XE5L Date: 23-May-2024 12:20:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.945	2.963	-0.018	0	13536	1000.0	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	76880	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.451	4.445	0.006	99	123872	43.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	87436	32.0	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	584910	50.0	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	9315	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	541202	52.5	
88 Tetrachloroethene	166	7.371	7.371	0.000	96	233246	75.0	
* 94 Chlorobenzene-d5	117	8.456	8.462	-0.006	84	385848	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	97	155903	49.0	
* 121 1,4-Dichlorobenzene-d4	152	11.065	11.066	-0.001	94	200951	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 23-May-2024 12:20:04 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D

Injection Date: 23-May-2024 09:47:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-A-2 Lab Sample ID: 460-304107-2

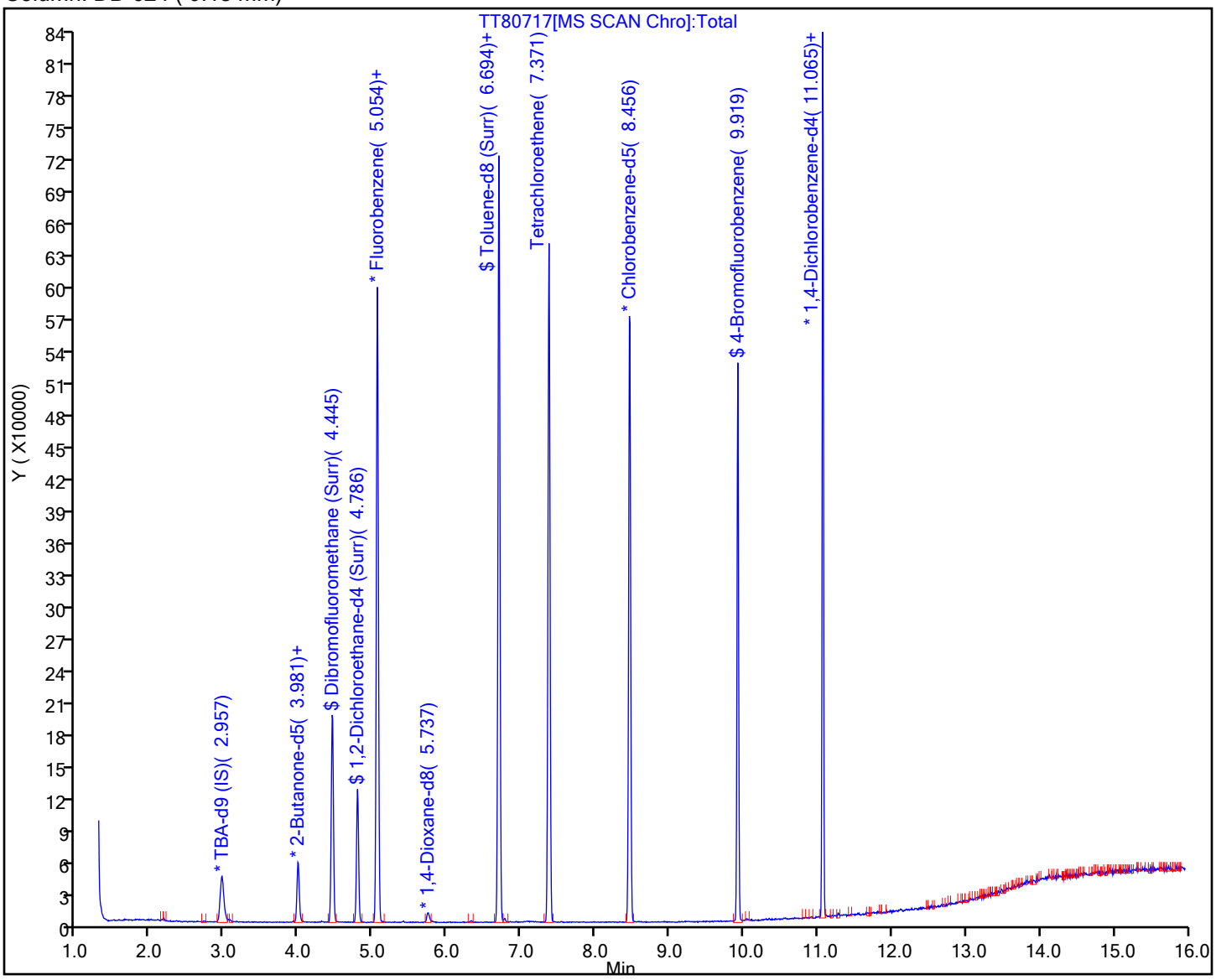
Client ID: ME-8

Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D
Lims ID: 460-304107-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 23-May-2024 09:47:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-2
Misc. Info.: 460-0176271-014
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:20:04 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: XE5L Date: 23-May-2024 12:20:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	43.5	87.01
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	32.0	63.91
$ 83 Toluene-d8 (Surr)	50.0	52.5	105.09
$ 105 4-Bromofluorobenzene	50.0	49.0	98.07

Report Date: 23-May-2024 12:20:04 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D

Injection Date: 23-May-2024 09:47:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-A-2 Lab Sample ID: 460-304107-2

Client ID: ME-8

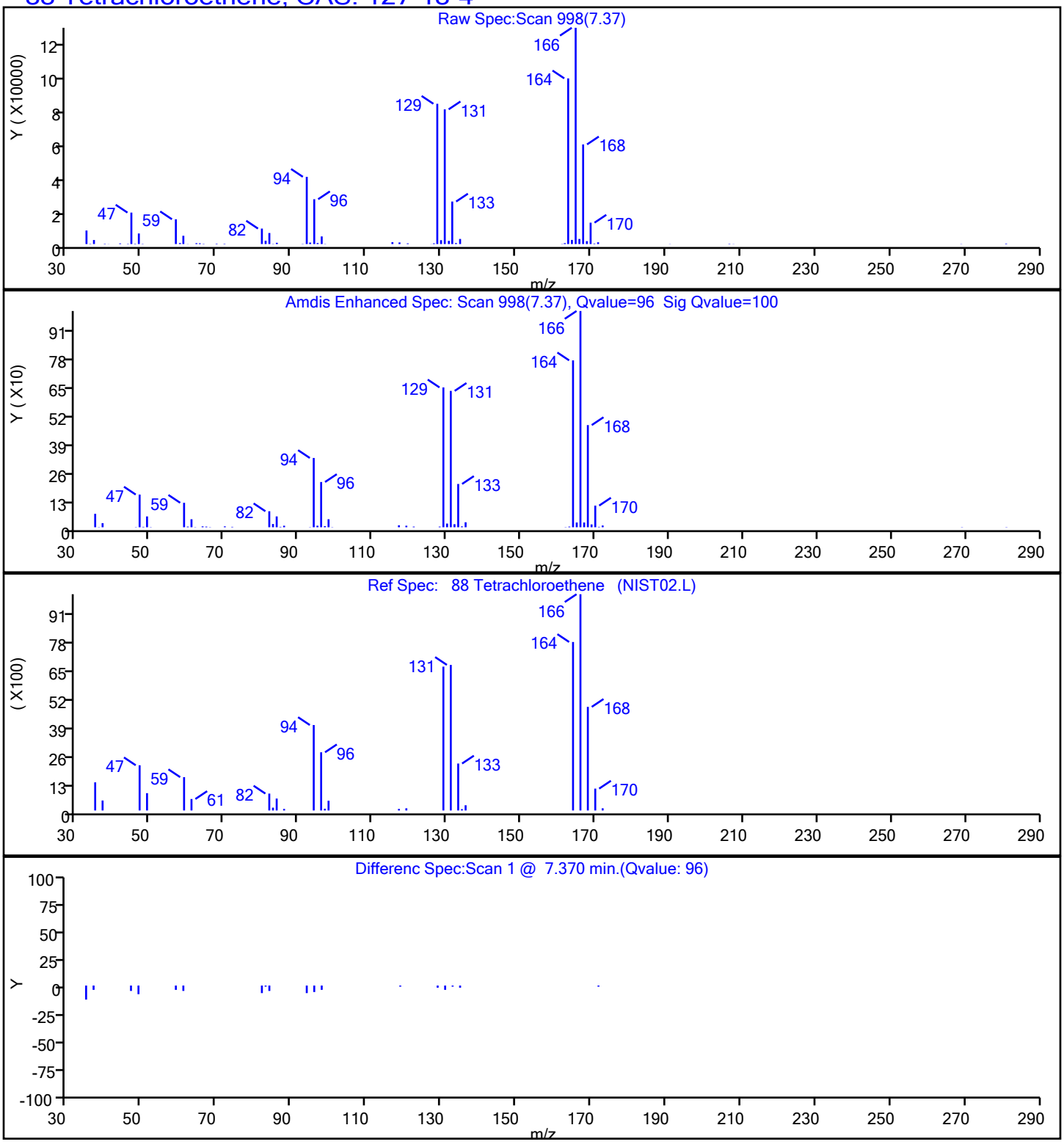
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



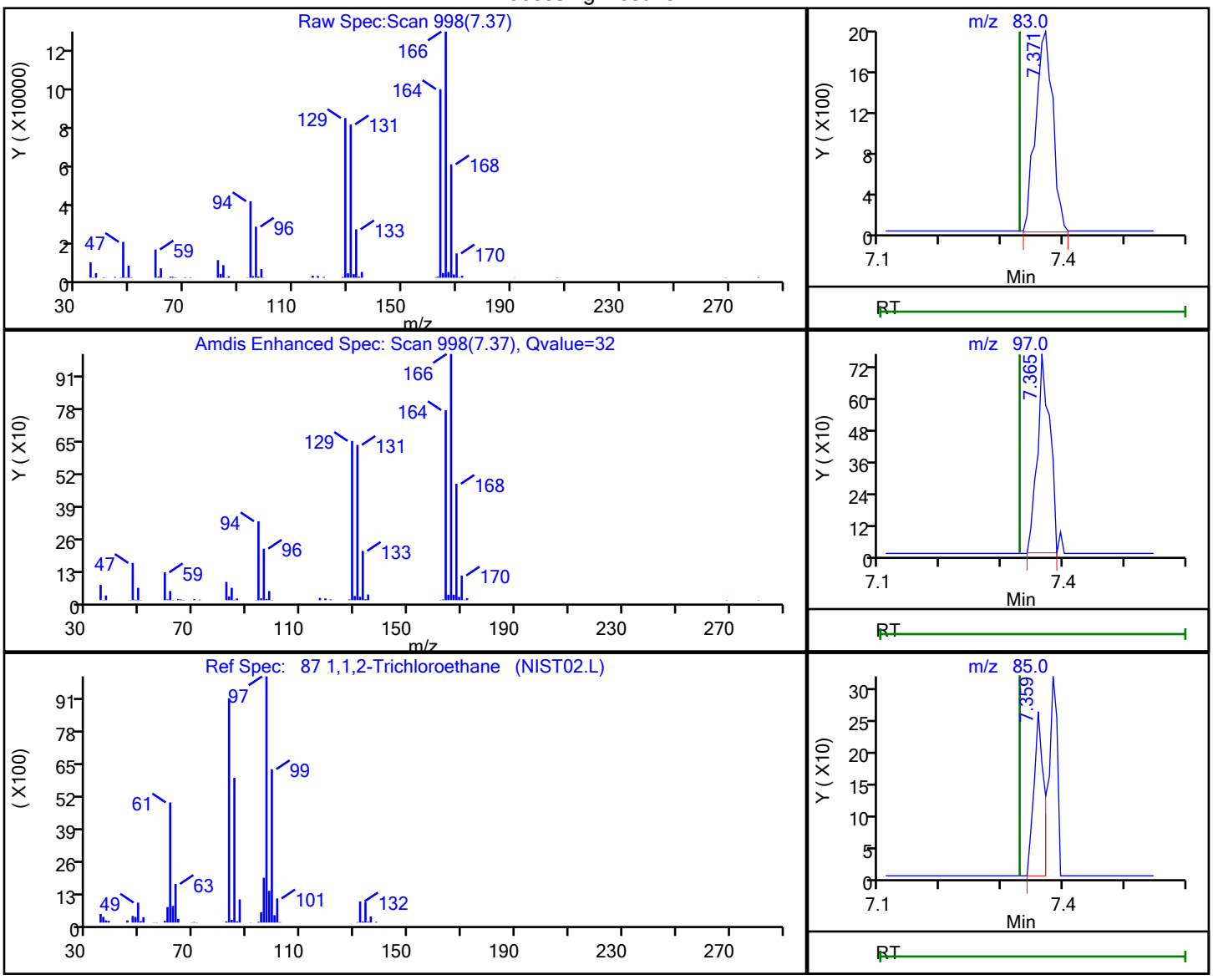
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D				
Injection Date:	23-May-2024 09:47:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-A-2	Lab Sample ID:	460-304107-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.37	83.00	3752	2.250198
7.36	97.00	1089	
7.36	85.00	289	

Reviewer: XE5L, 23-May-2024 12:19:42 -04:00:00 (UTC)

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

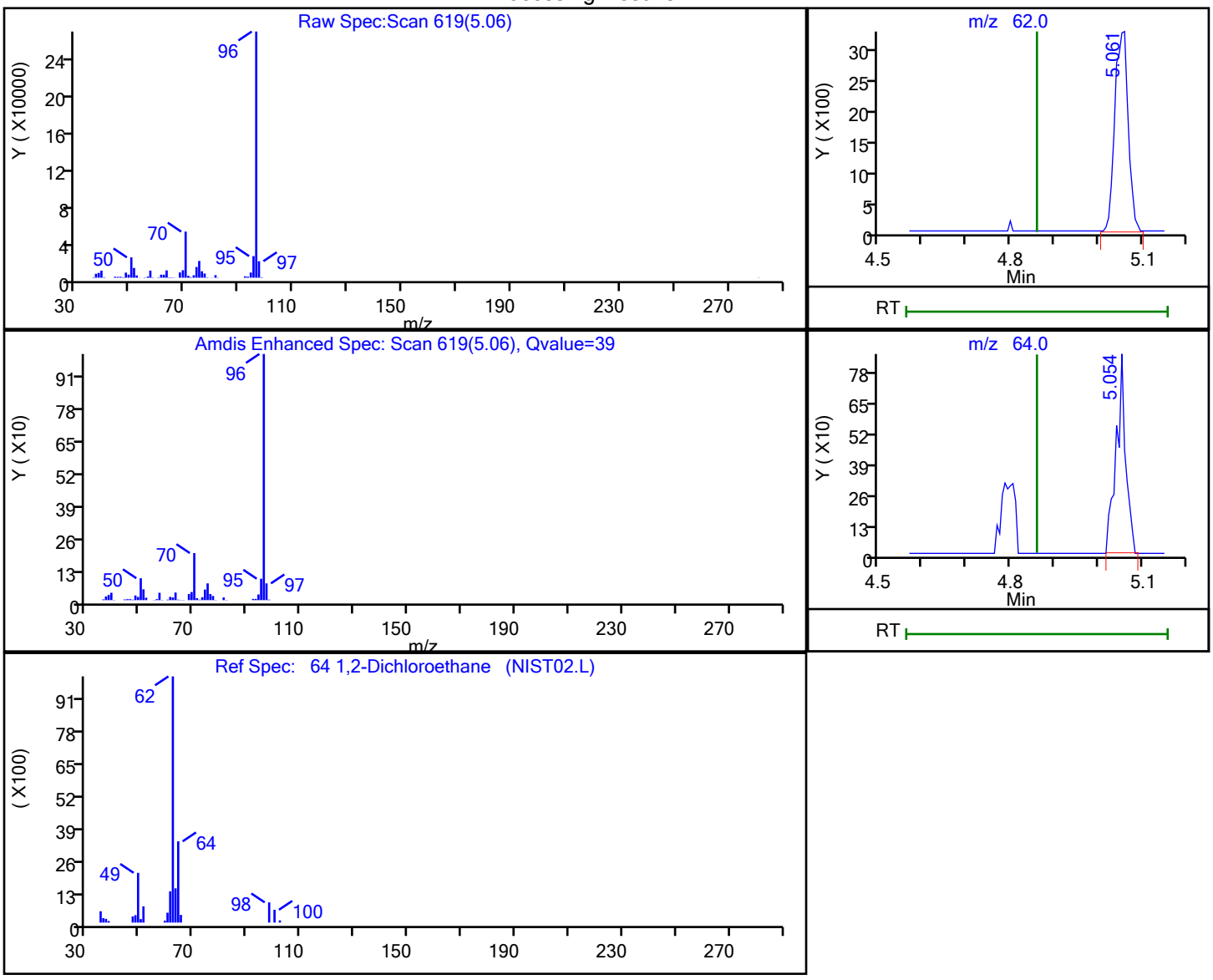
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80717.D				
Injection Date:	23-May-2024 09:47:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-A-2	Lab Sample ID:	460-304107-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.06	62.00	6946	2.100505
5.05	64.00	1293	

Reviewer: XE5L, 23-May-2024 12:19:38 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-304107-3

Matrix: Water | Lab File ID: T677986.D

Analysis Method: 8260D | Date Collected: 05/15/2024 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 16:21

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	110		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-13 Lab Sample ID: 460-304107-3

Matrix: Water Lab File ID: T677986.D

Analysis Method: 8260D Date Collected: 05/15/2024 09:45

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 16:21

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677986.D
Lims ID: 460-304107-A-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 22-May-2024 16:21:02 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-3
Misc. Info.: 460-0176219-025
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:19:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	95	50173	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	46	309050	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	187817	54.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	91	187319	54.9	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	602963	50.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	42127	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	605615	50.2	
88 Tetrachloroethene	166	8.449	8.448	0.000	91	530019	106.4	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	481951	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	94	204567	49.5	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	253811	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 18:19:40 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677986.D

Injection Date: 22-May-2024 16:21:02 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-3 Lab Sample ID: 460-304107-3

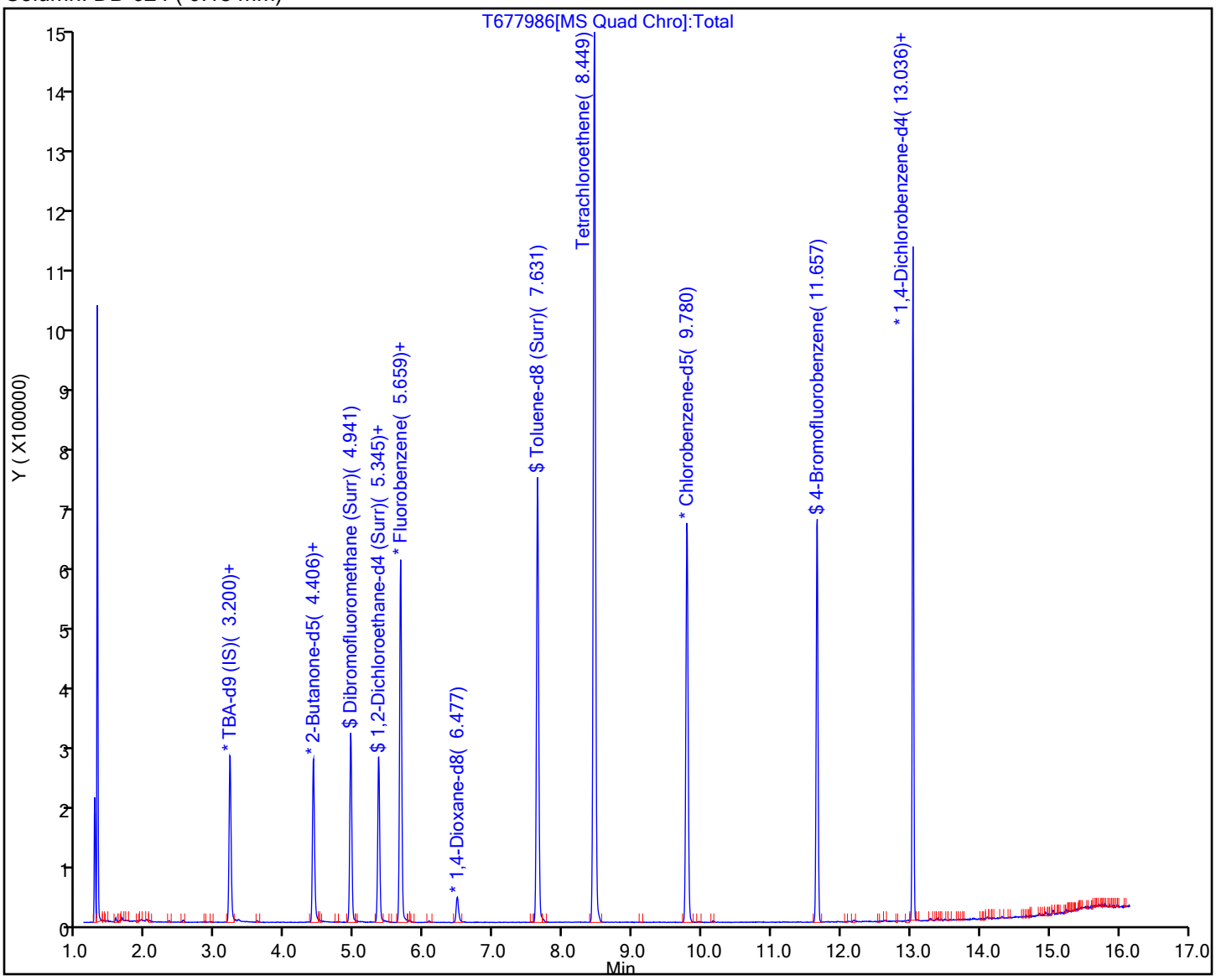
Client ID: ME-13

Operator ID: ALS Bottle#: 0 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677986.D
Lims ID: 460-304107-A-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 22-May-2024 16:21:02 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-3
Misc. Info.: 460-0176219-025
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:19:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.6	109.17
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.9	109.84
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.47
$ 105 4-Bromofluorobenzene	50.0	49.5	98.94

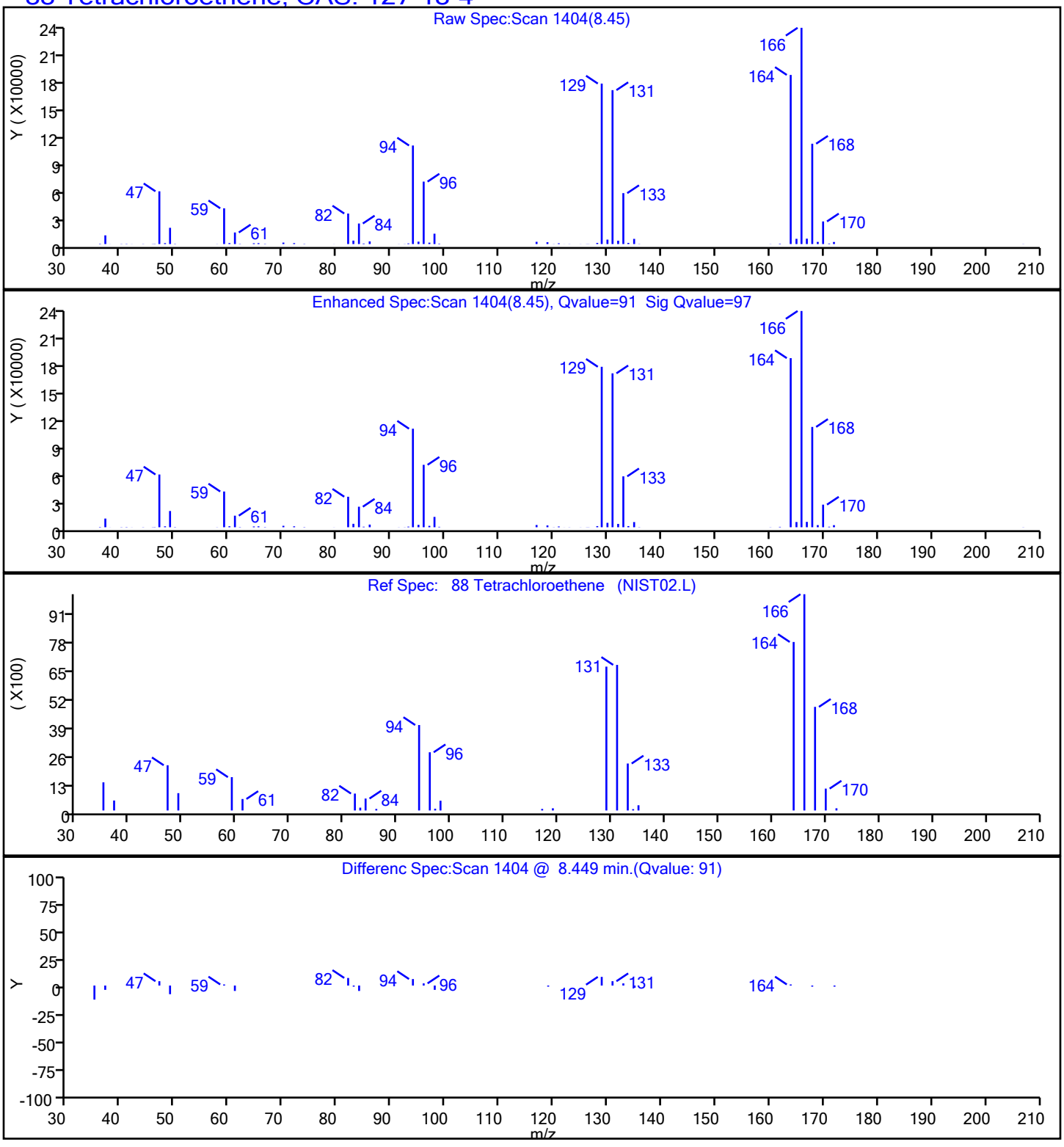
Report Date: 22-May-2024 18:19:41 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677986.D

Injection Date:	22-May-2024 16:21:02	Instrument ID:	CVOAMS15
Lims ID:	460-304107-A-3	Lab Sample ID:	460-304107-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-113 | Lab Sample ID: 460-304107-4

Matrix: Water | Lab File ID: T677987.D

Analysis Method: 8260D | Date Collected: 05/15/2024 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 16:43

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	2.8		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: ME-113 Lab Sample ID: 460-304107-4

Matrix: Water Lab File ID: T677987.D

Analysis Method: 8260D Date Collected: 05/15/2024 10:10

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 16:43

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677987.D
Lims ID: 460-304107-A-4
Client ID: ME-113
Sample Type: Client
Inject. Date: 22-May-2024 16:43:47 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-4
Misc. Info.: 460-0176219-026
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:20:58 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:20:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	98	44137	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	52	295529	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	156784	54.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	92	169305	59.3	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	504354	50.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	36624	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	99	514625	50.2	
88 Tetrachloroethene	166	8.454	8.448	0.006	88	12048	2.84	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	87	410063	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	90	167022	47.5	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	96	212906	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 18:20:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677987.D

Injection Date: 22-May-2024 16:43:47 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-4 Lab Sample ID: 460-304107-4

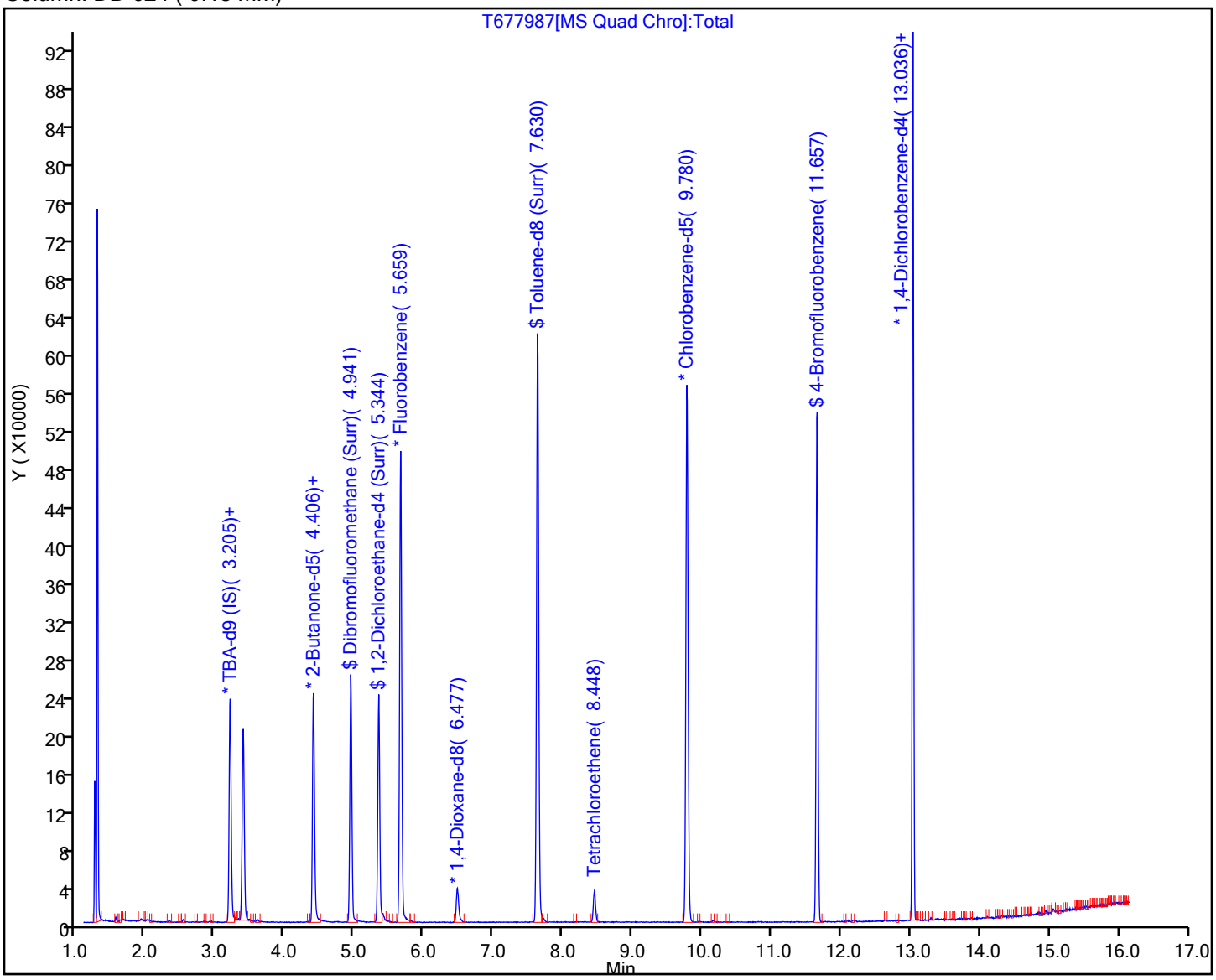
Client ID: ME-113

Operator ID: ALS Bottle#: 0 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677987.D
Lims ID: 460-304107-A-4
Client ID: ME-113
Sample Type: Client
Inject. Date: 22-May-2024 16:43:47 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-4
Misc. Info.: 460-0176219-026
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:20:58 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

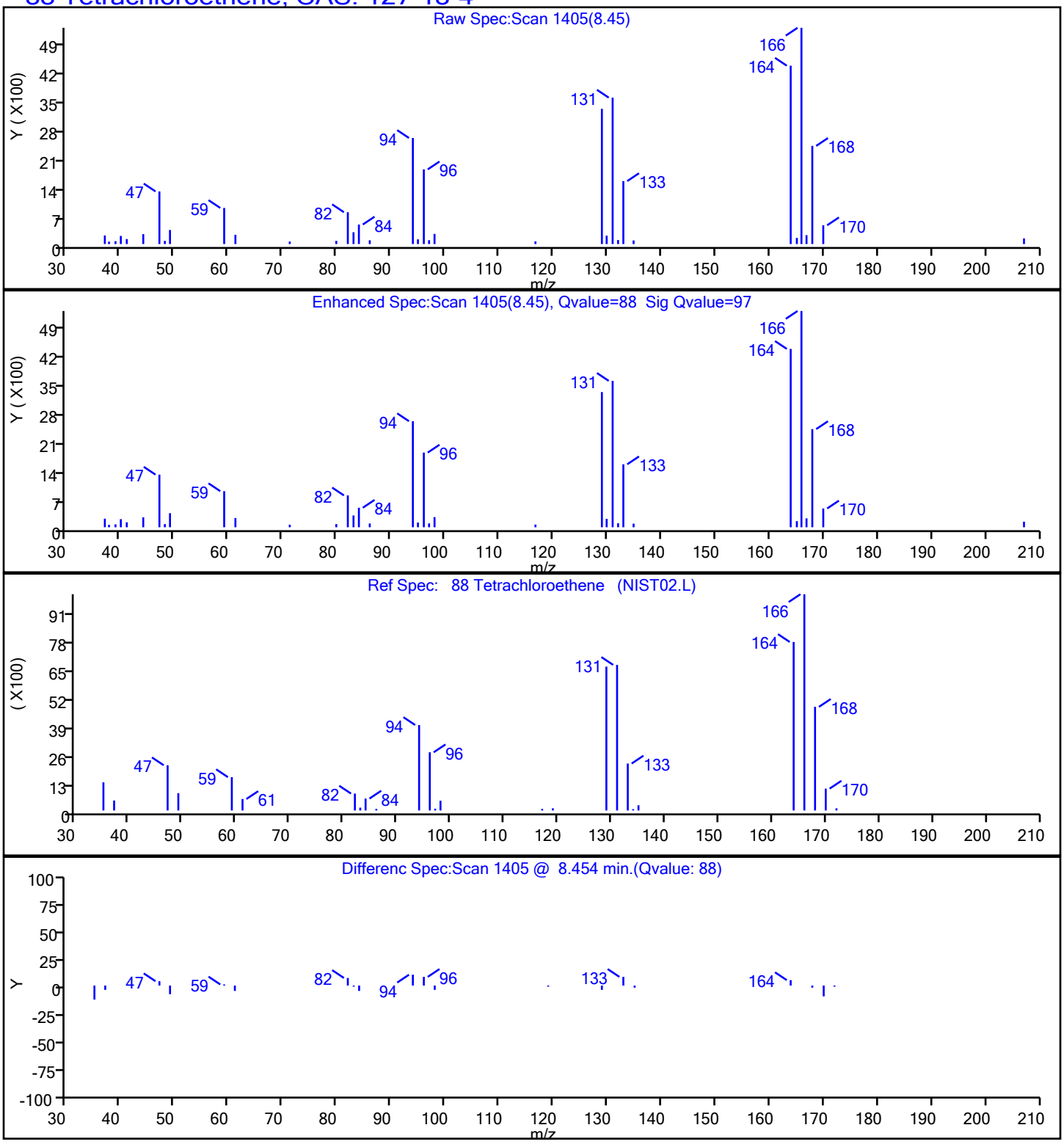
First Level Reviewer: XE5L Date: 22-May-2024 18:20:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.5	108.95
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	59.3	118.69
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.34
$ 105 4-Bromofluorobenzene	50.0	47.5	94.94

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677987.D
Injection Date: 22-May-2024 16:43:47 Instrument ID: CVOAMS15
Lims ID: 460-304107-A-4 Lab Sample ID: 460-304107-4
Client ID: ME-113
Operator ID: ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



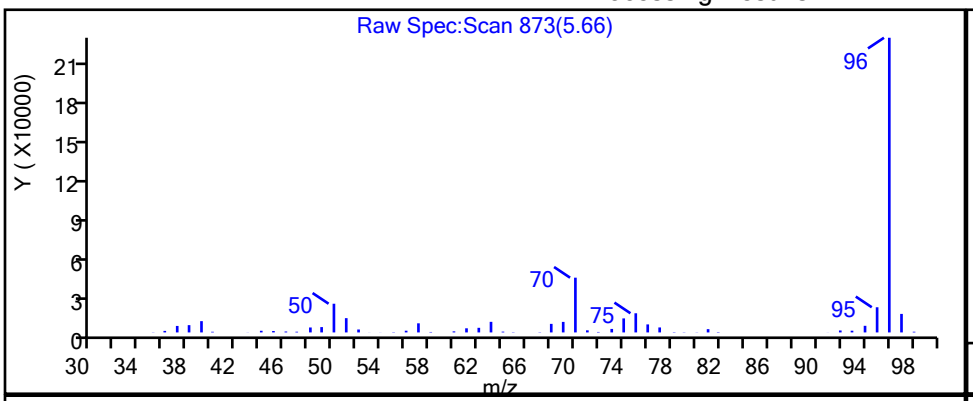
User Disabled Compound Report

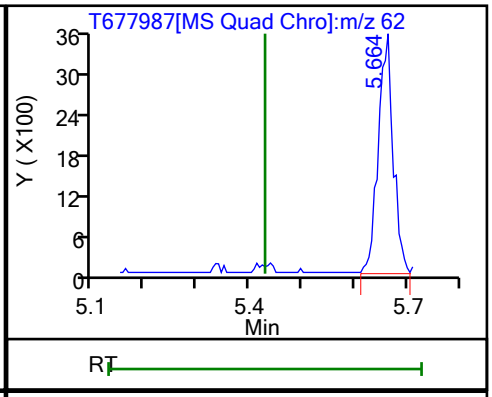
Eurofins Edison

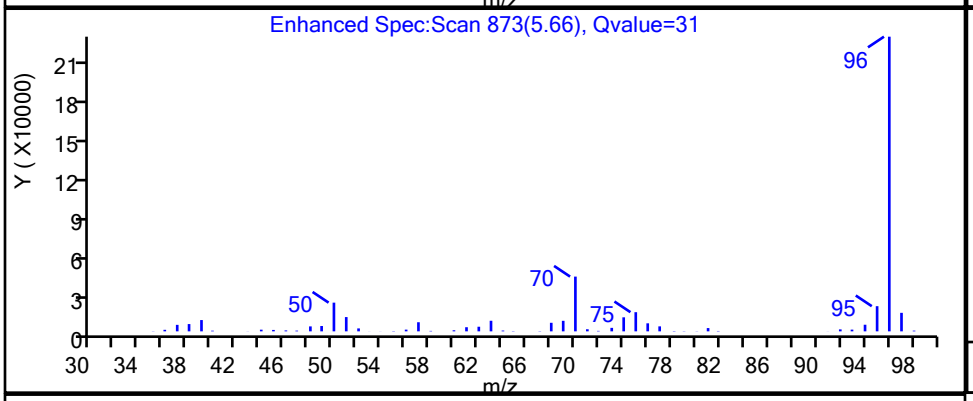
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677987.D				
Injection Date:	22-May-2024 16:43:47	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-4	Lab Sample ID:	460-304107-4		
Client ID:	ME-113				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

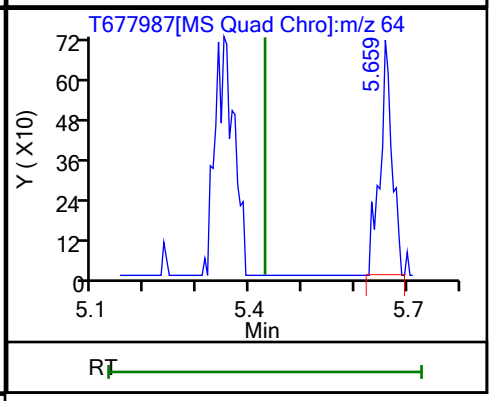
61 1,2-Dichloroethane, CAS: 107-06-2

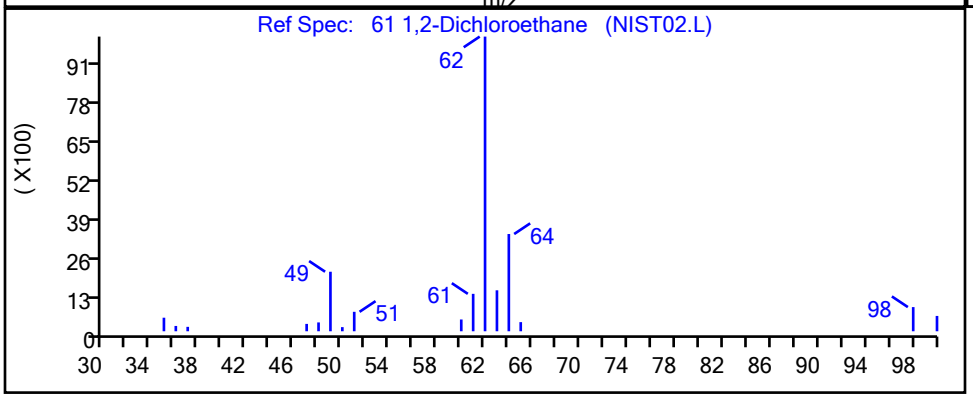
Processing Results











RT	Mass	Response	Amount
5.66	62.00	7053	1.671508
5.66	64.00	1144	

Reviewer: XE5L, 22-May-2024 18:20:50 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-304107-5

Matrix: Water | Lab File ID: T677985.D

Analysis Method: 8260D | Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 15:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	9.7		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-304107-5

Matrix: Water | Lab File ID: T677985.D

Analysis Method: 8260D | Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 15:58

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677985.D
Lims ID: 460-304107-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 22-May-2024 15:58:21 ALS Bottle#: 0 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5
Misc. Info.: 460-0176219-022
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:19:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	99	50456	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	46	315472	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	174837	55.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	91	181350	58.1	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	552021	50.0	
* 73 1,4-Dioxane-d8	96	6.472	6.477	-0.005	1	39997	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	566752	50.5	
88 Tetrachloroethene	166	8.449	8.448	0.001	96	44996	9.71	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	86	448363	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	90	185695	48.3	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	234392	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 18:19:07 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677985.D

Injection Date: 22-May-2024 15:58:21 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-5 Lab Sample ID: 460-304107-5

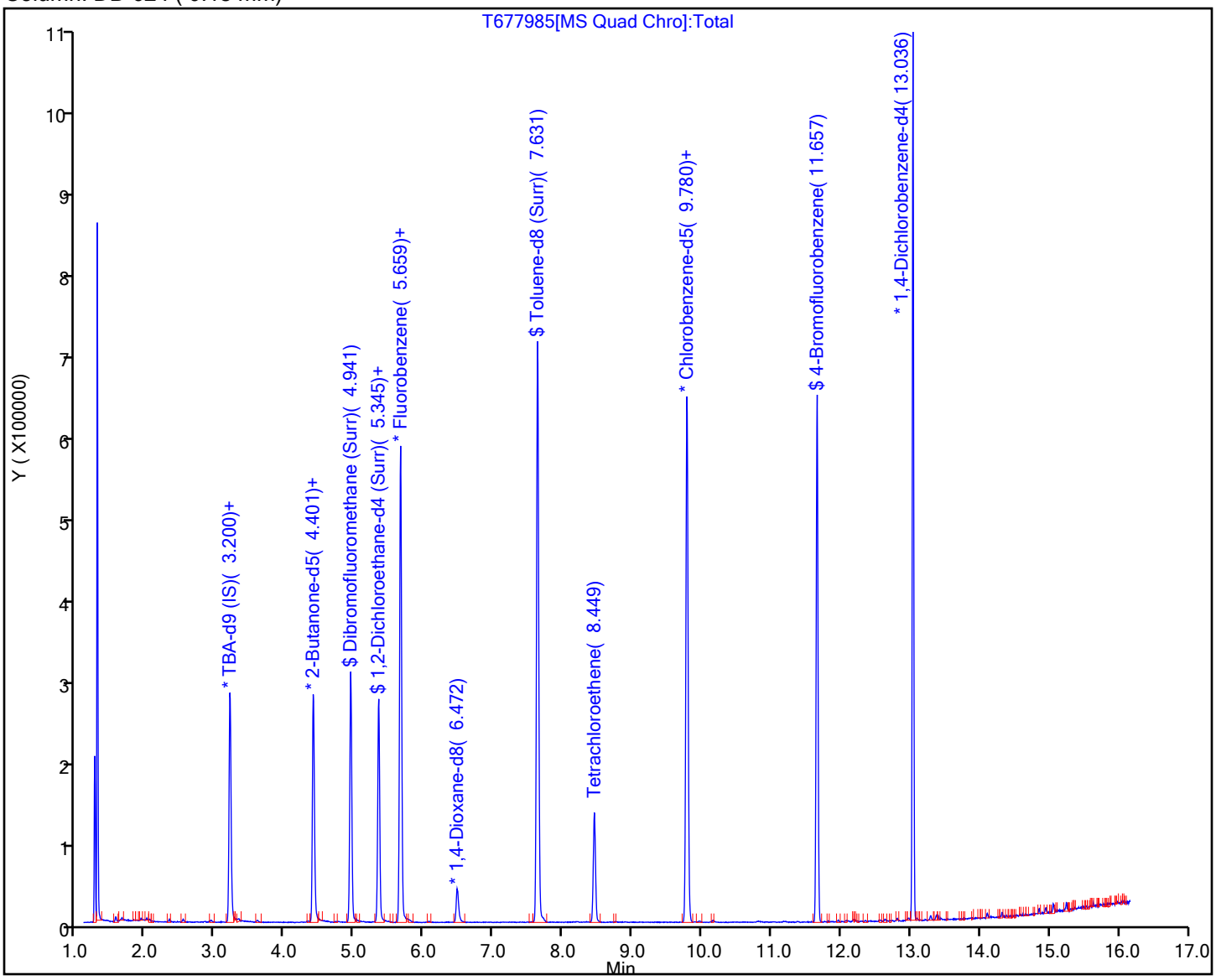
Client ID: A-02

Operator ID: ALS Bottle#: 0 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677985.D
Lims ID: 460-304107-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 22-May-2024 15:58:21 ALS Bottle#: 0 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5
Misc. Info.: 460-0176219-022
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:19:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	55.5	111.01
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	58.1	116.15
$ 83 Toluene-d8 (Surr)	50.0	50.5	101.07
$ 105 4-Bromofluorobenzene	50.0	48.3	96.54

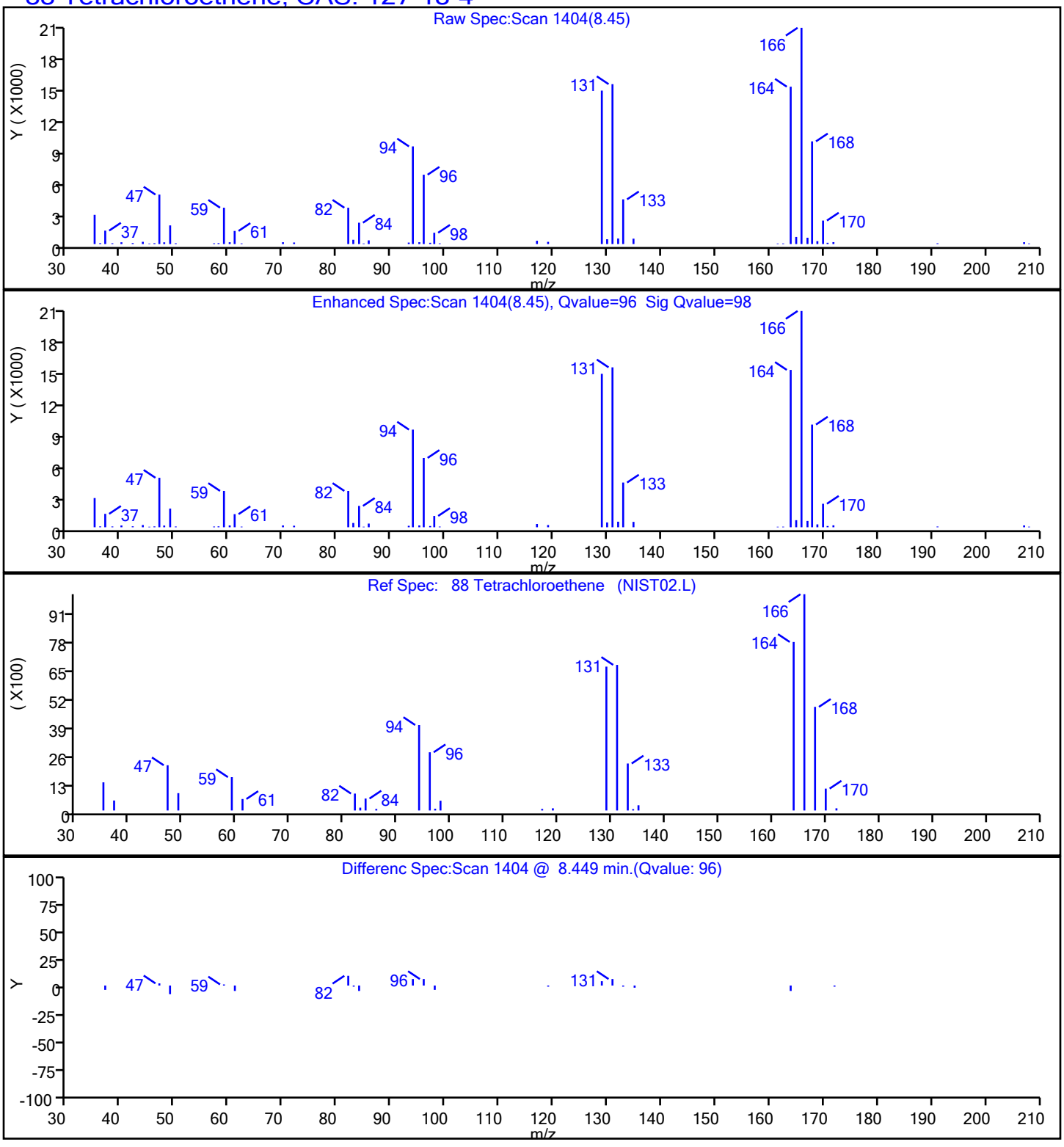
Report Date: 22-May-2024 18:19:08 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677985.D

Injection Date:	22-May-2024 15:58:21	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-5	Lab Sample ID:	460-304107-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



5/24/2024
11:47:36 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-304107-6

Matrix: Water | Lab File ID: T677988.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 17:06

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	8.9		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.1		1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.38	J	1.0	0.33
74-87-3	Chloromethane	0.97	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	260		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.55	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-06 Lab Sample ID: 460-304107-6

Matrix: Water Lab File ID: T677988.D

Analysis Method: 8260D Date Collected: 05/15/2024 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 17:06

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D
Lims ID: 460-304107-A-6
Client ID: A-06
Sample Type: Client
Inject. Date: 22-May-2024 17:06:31 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-6
Misc. Info.: 460-0176219-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:21:22 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:21:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.622	1.617	0.005	95	4888	0.9683	
9 Bromomethane	94	2.005	1.994	0.011	81	1917	1.15	
22 Acetone	43	2.844	2.838	0.006	82	9167	8.92	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	96	49597	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	44	300544	250.0	
52 Chloroform	83	4.763	4.762	0.001	76	2616	0.3787	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	170746	52.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	98	175308	54.5	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	568399	50.0	
67 Trichloroethene	95	6.068	6.068	0.000	85	2448	0.5534	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	39354	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	563882	50.7	
88 Tetrachloroethene	166	8.449	8.448	0.000	96	1203234	261.8	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	444616	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	91	183872	48.2	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	231108	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 18:21:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D

Injection Date: 22-May-2024 17:06:31 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-6 Lab Sample ID: 460-304107-6

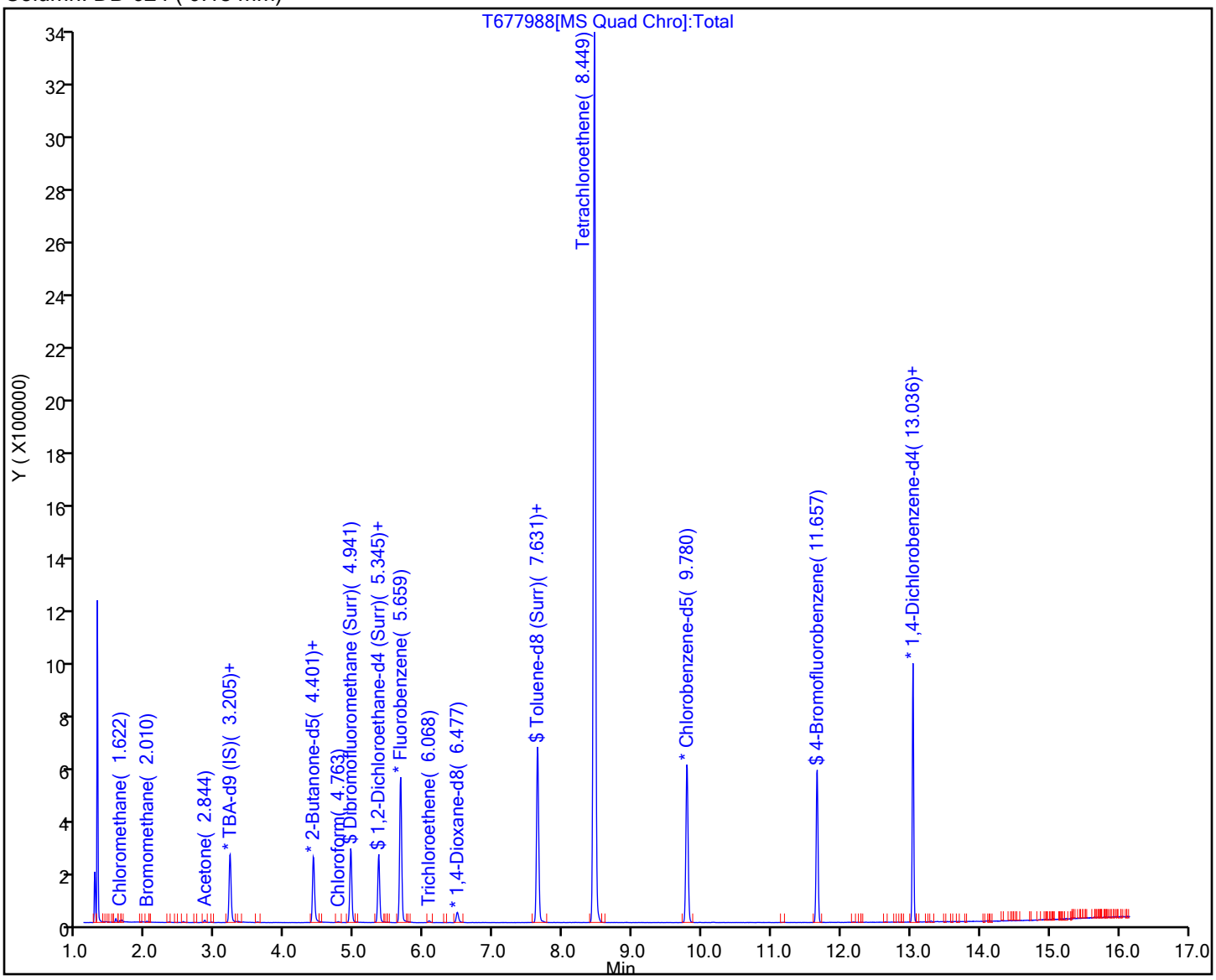
Client ID: A-06

Operator ID: ALS Bottle#: 0 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D
Lims ID: 460-304107-A-6
Client ID: A-06
Sample Type: Client
Inject. Date: 22-May-2024 17:06:31 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-6
Misc. Info.: 460-0176219-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:21:22 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:21:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.6	105.29
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	109.05
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.40
$ 105 4-Bromofluorobenzene	50.0	48.2	96.40

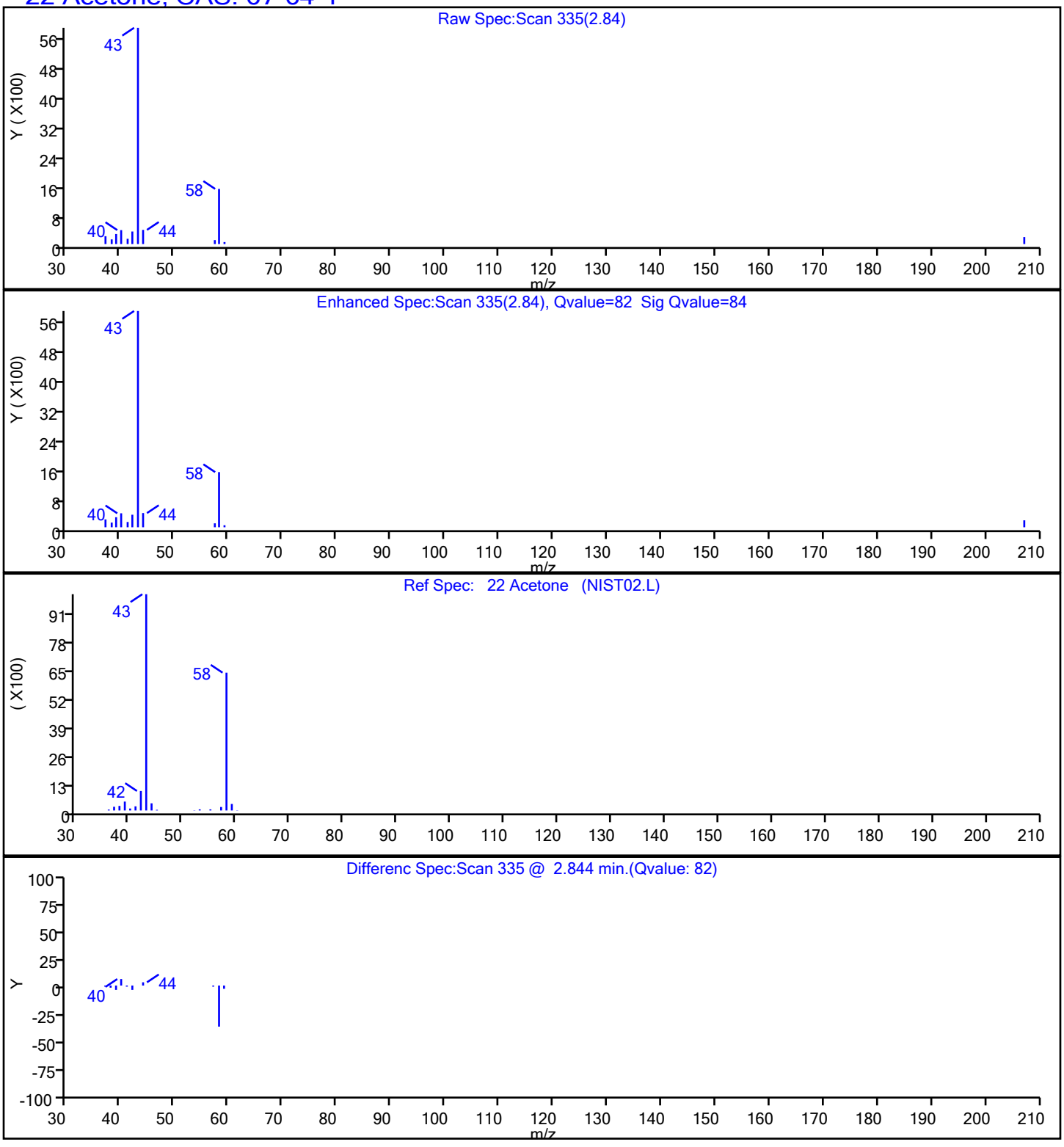
Report Date: 22-May-2024 18:21:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D

Injection Date:	22-May-2024 17:06:31	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-6	Lab Sample ID:	460-304107-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

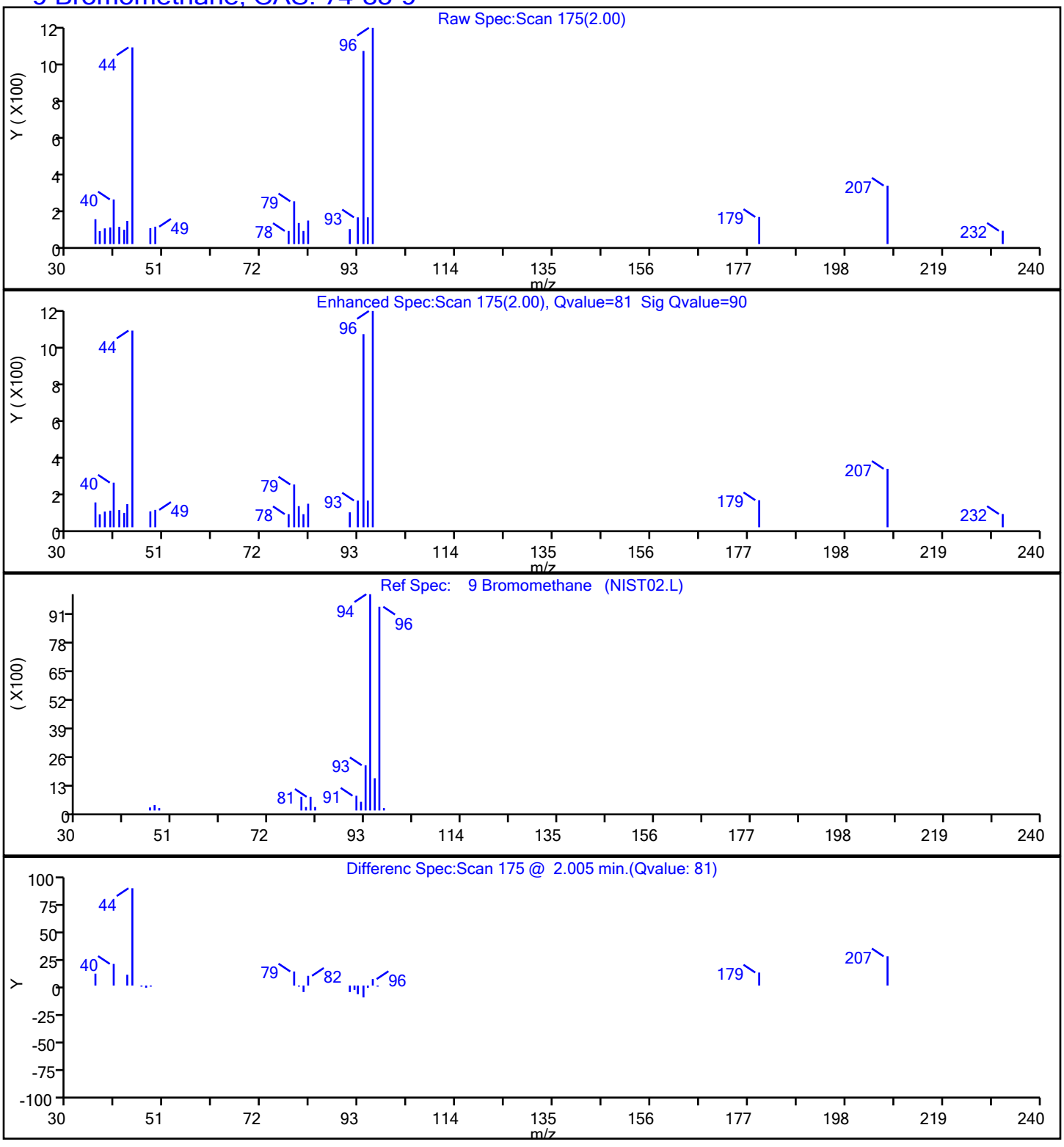
22 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D
Injection Date: 22-May-2024 17:06:31 Instrument ID: CVOAMS15
Lims ID: 460-304107-A-6 Lab Sample ID: 460-304107-6
Client ID: A-06
Operator ID: ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

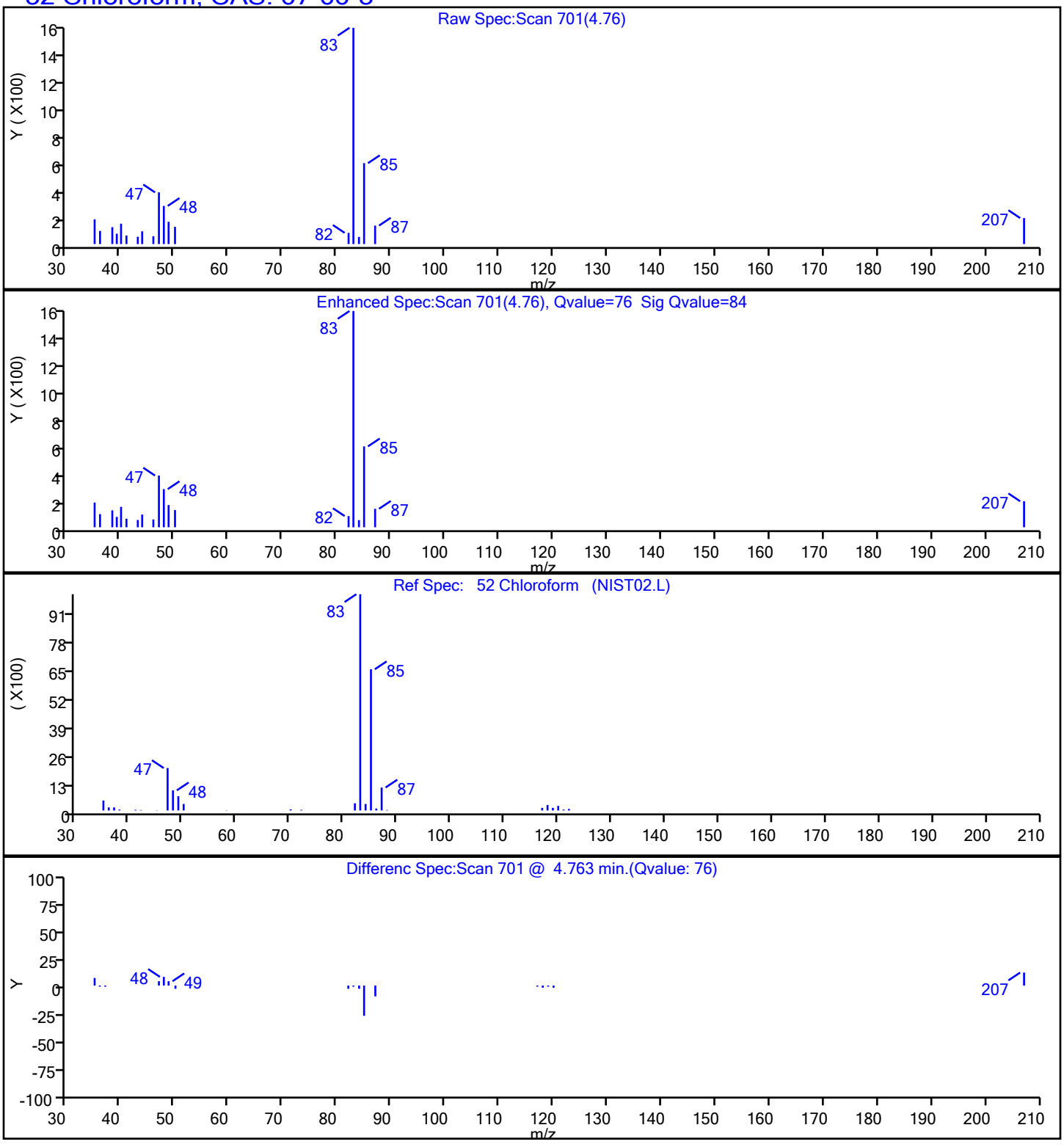
9 Bromomethane, CAS: 74-83-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D
Injection Date: 22-May-2024 17:06:31 Instrument ID: CVOAMS15
Lims ID: 460-304107-A-6 Lab Sample ID: 460-304107-6
Client ID: A-06
Operator ID: ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



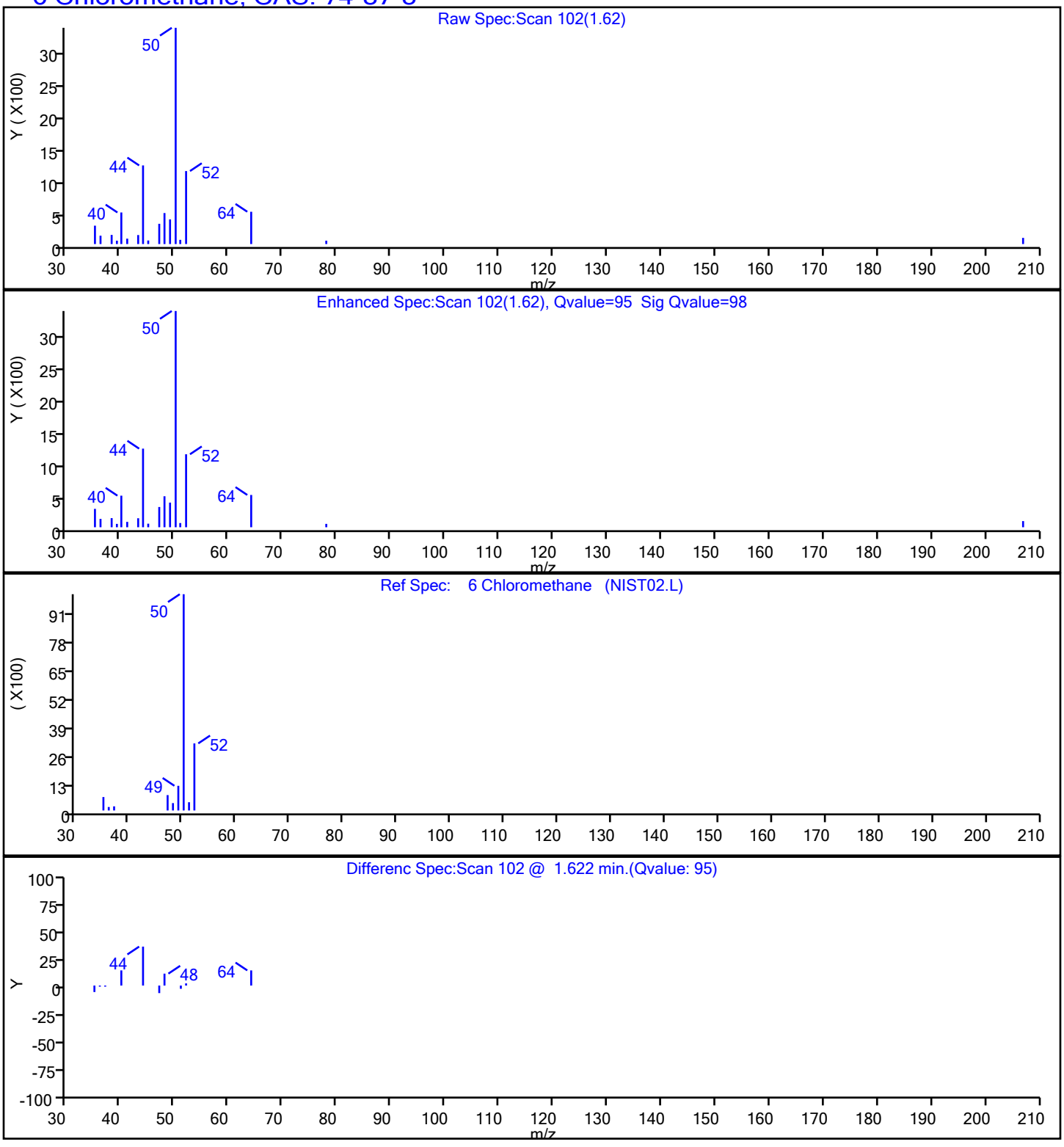
Report Date: 22-May-2024 18:21:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D

Injection Date:	22-May-2024 17:06:31	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-6	Lab Sample ID:	460-304107-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3



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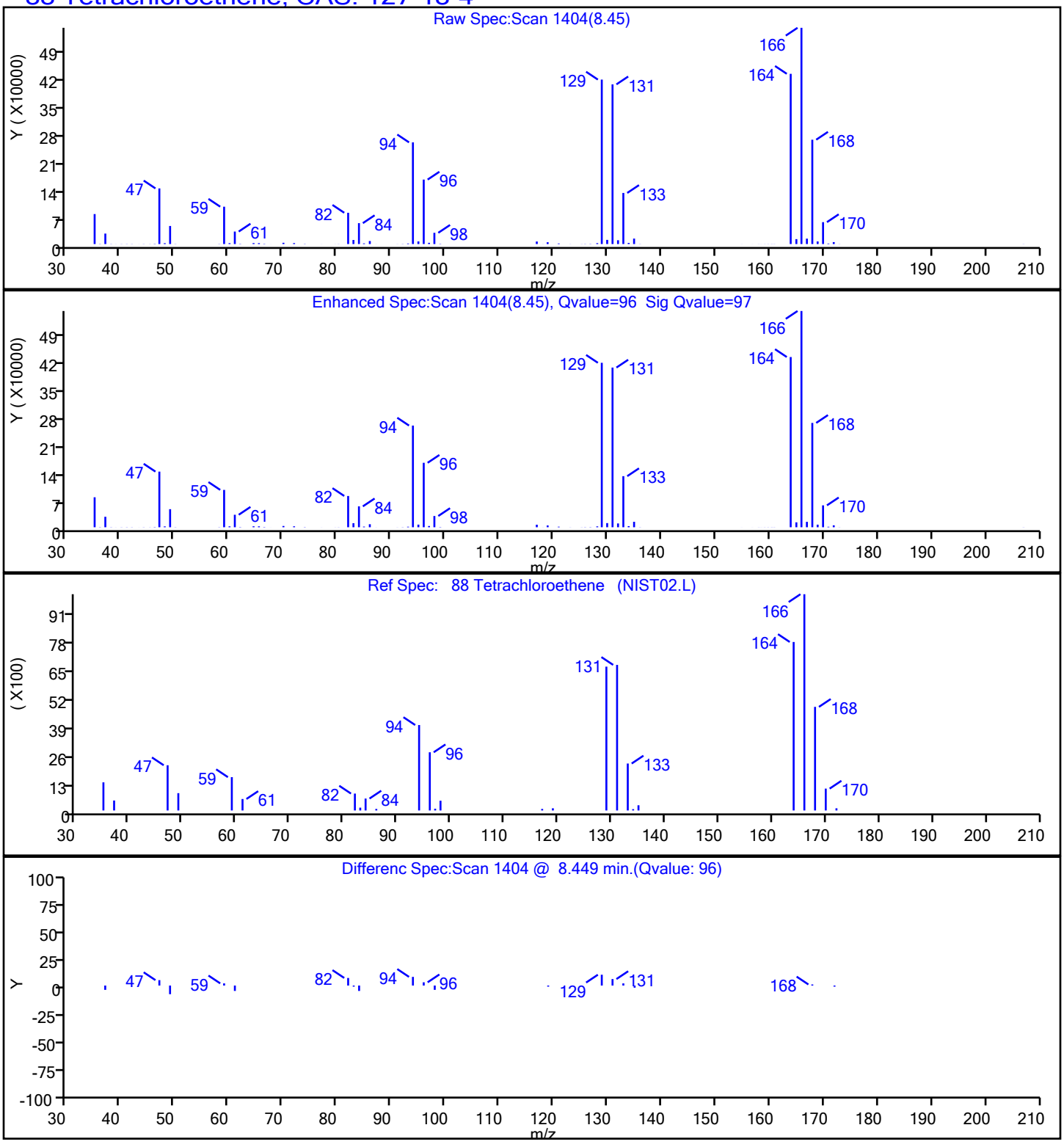
Report Date: 22-May-2024 18:21:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D

Injection Date:	22-May-2024 17:06:31	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-6	Lab Sample ID:	460-304107-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



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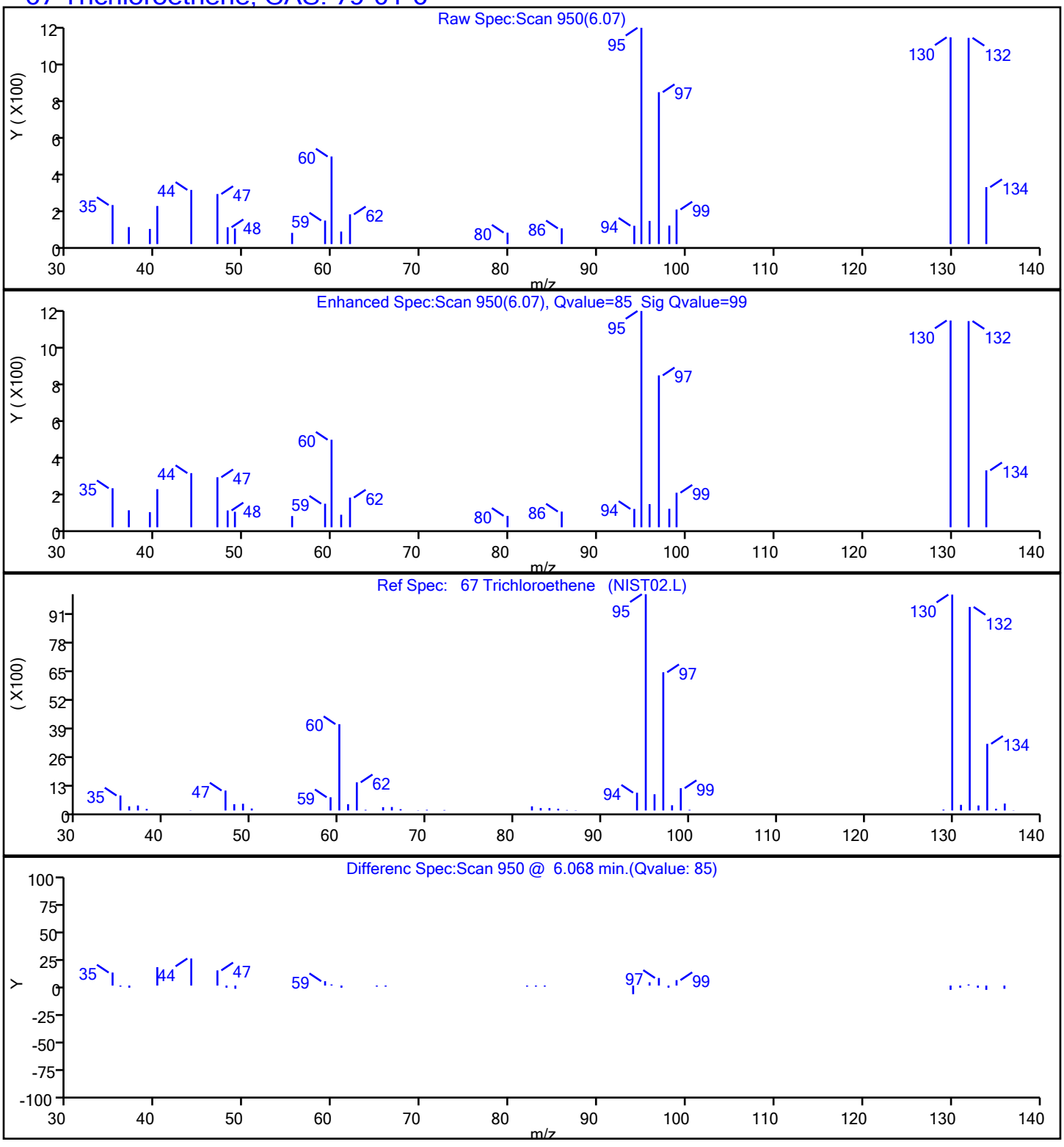
Report Date: 22-May-2024 18:21:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D

Injection Date:	22-May-2024 17:06:31	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-6	Lab Sample ID:	460-304107-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



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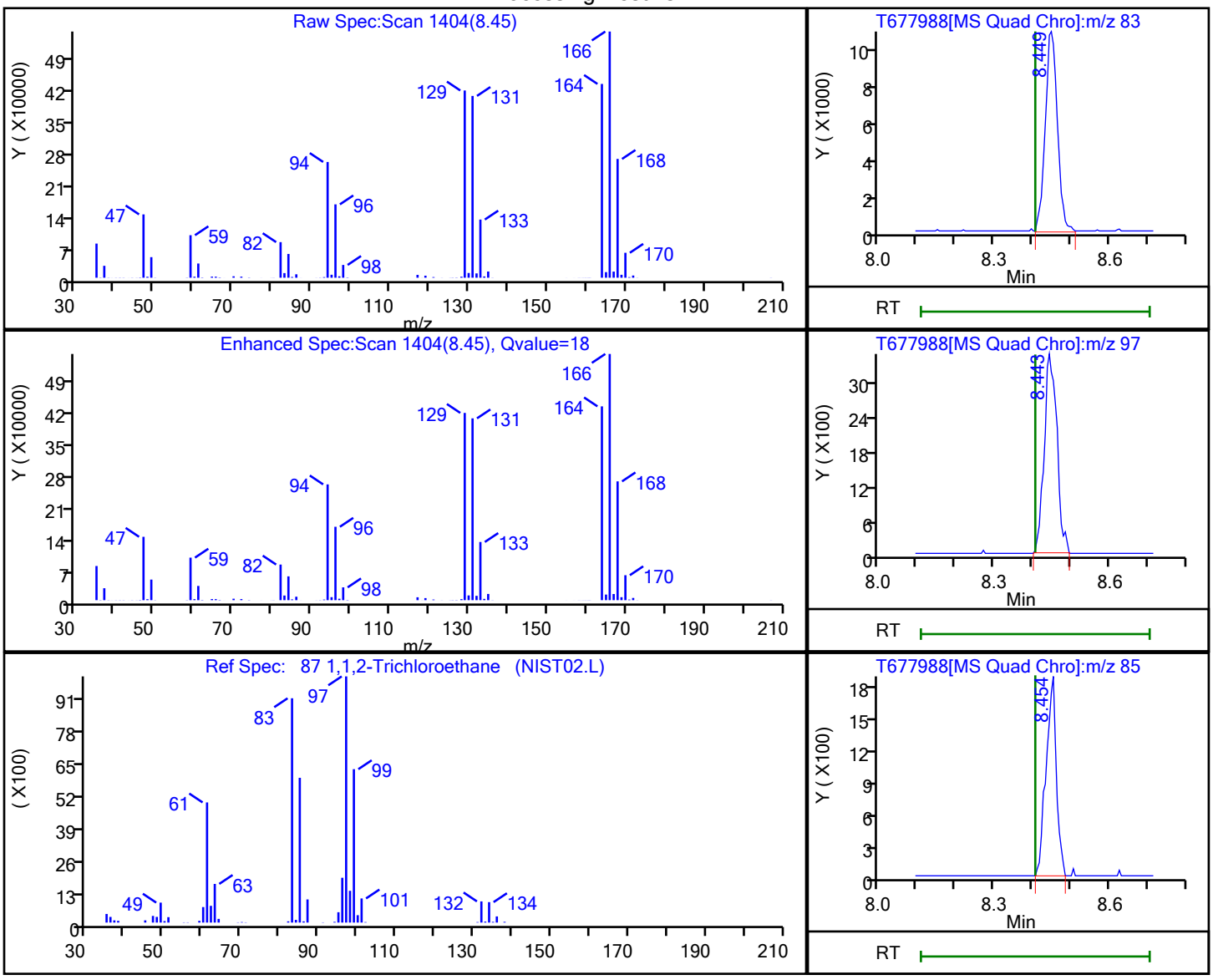
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677988.D				
Injection Date:	22-May-2024 17:06:31	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-6	Lab Sample ID:	460-304107-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
8.45	83.00	22415	7.098208
8.44	97.00	7919	
8.45	85.00	3392	

Reviewer: XE5L, 22-May-2024 18:21:16 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-304107-7

Matrix: Water | Lab File ID: T677972.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 10:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	6.8		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.36	J	1.0	0.33
74-87-3	Chloromethane	0.92	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	260		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.54	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-304107-7

Matrix: Water | Lab File ID: T677972.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 10:55

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D
Lims ID: 460-304107-A-7
Client ID: A-066
Sample Type: Client
Inject. Date: 22-May-2024 10:55:18 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-7
Misc. Info.: 460-0176219-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 14:30:16 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: FK2C Date: 22-May-2024 11:40:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.617	1.617	0.000	93	4721	0.9213	
22 Acetone	43	2.838	2.838	0.000	82	7401	6.85	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	97	46799	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	45	316176	250.0	
52 Chloroform	83	4.757	4.762	-0.005	73	2497	0.3561	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	173743	52.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	98	175766	53.9	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	576970	50.0	
67 Trichloroethene	95	6.068	6.068	0.000	77	2412	0.5371	M
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	38570	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	563267	49.9	
88 Tetrachloroethene	166	8.449	8.448	0.000	90	1228741	263.4	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	451448	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	92	183335	47.3	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	229112	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 14:30:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D

Injection Date: 22-May-2024 10:55:18 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-7 Lab Sample ID: 460-304107-7

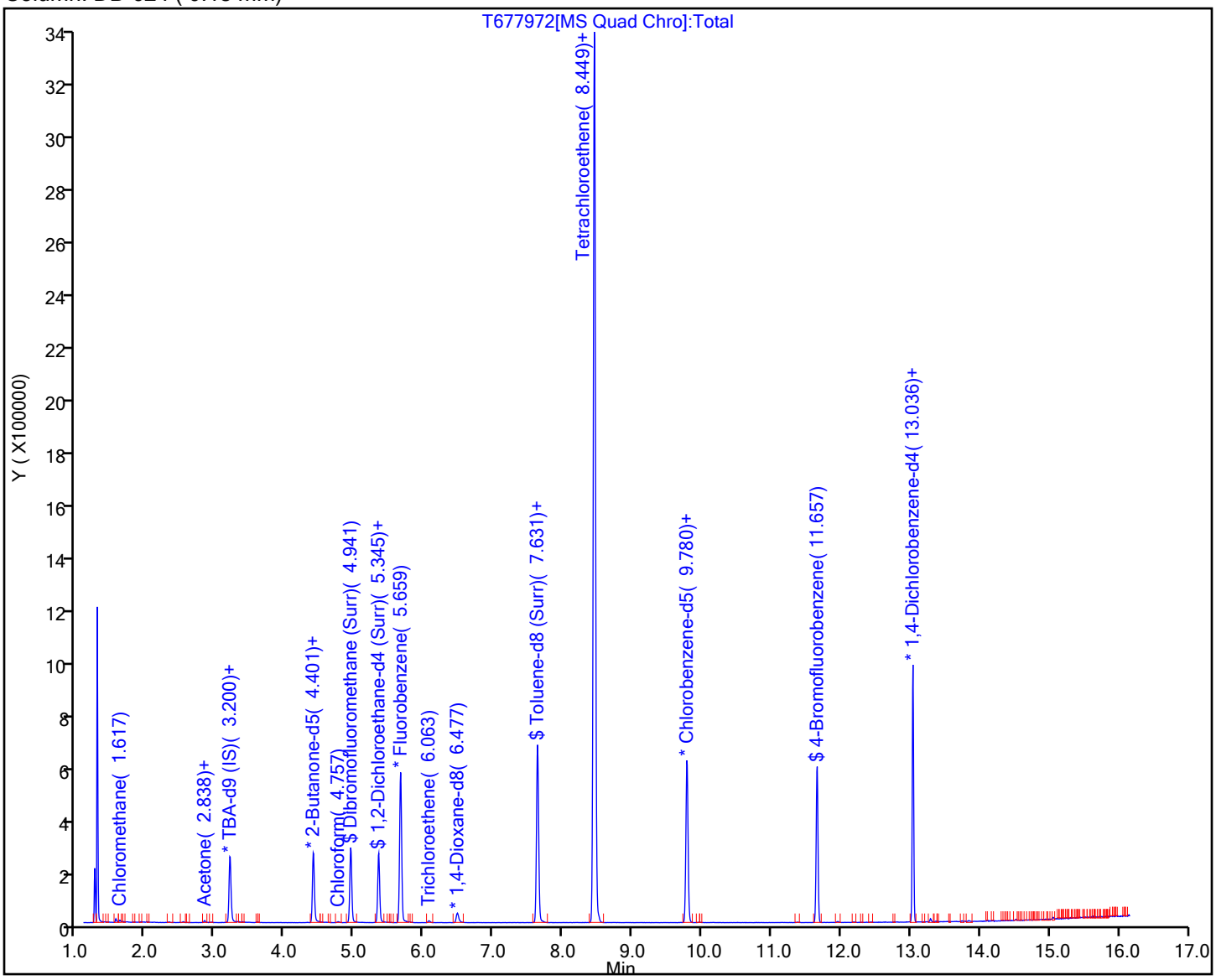
Client ID: A-066

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

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D
Lims ID: 460-304107-A-7
Client ID: A-066
Sample Type: Client
Inject. Date: 22-May-2024 10:55:18 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-7
Misc. Info.: 460-0176219-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 14:30:16 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: FK2C Date: 22-May-2024 11:40:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.8	105.54
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.9	107.71
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.76
$ 105 4-Bromofluorobenzene	50.0	47.3	94.66

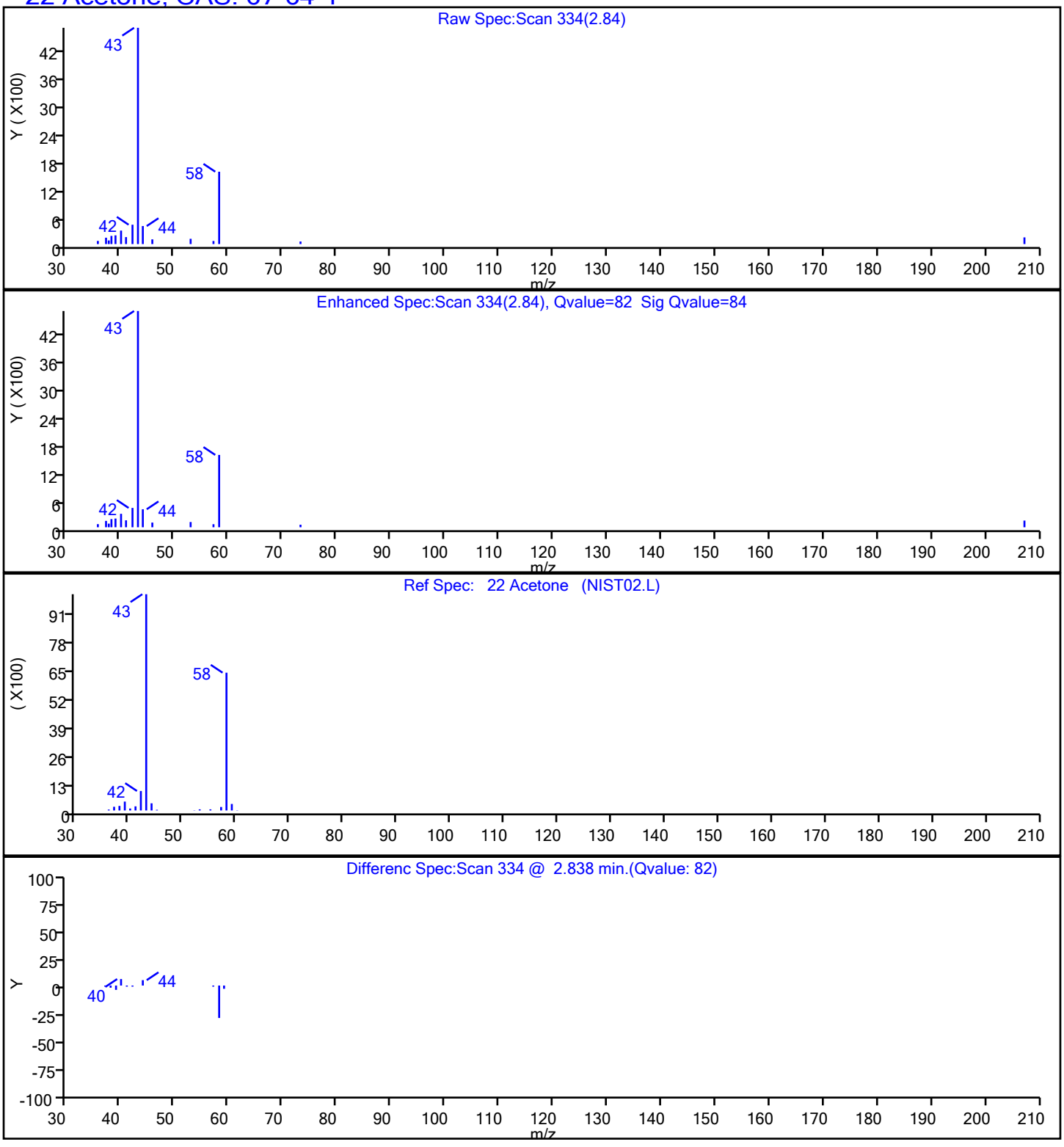
Report Date: 22-May-2024 14:30:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D

Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

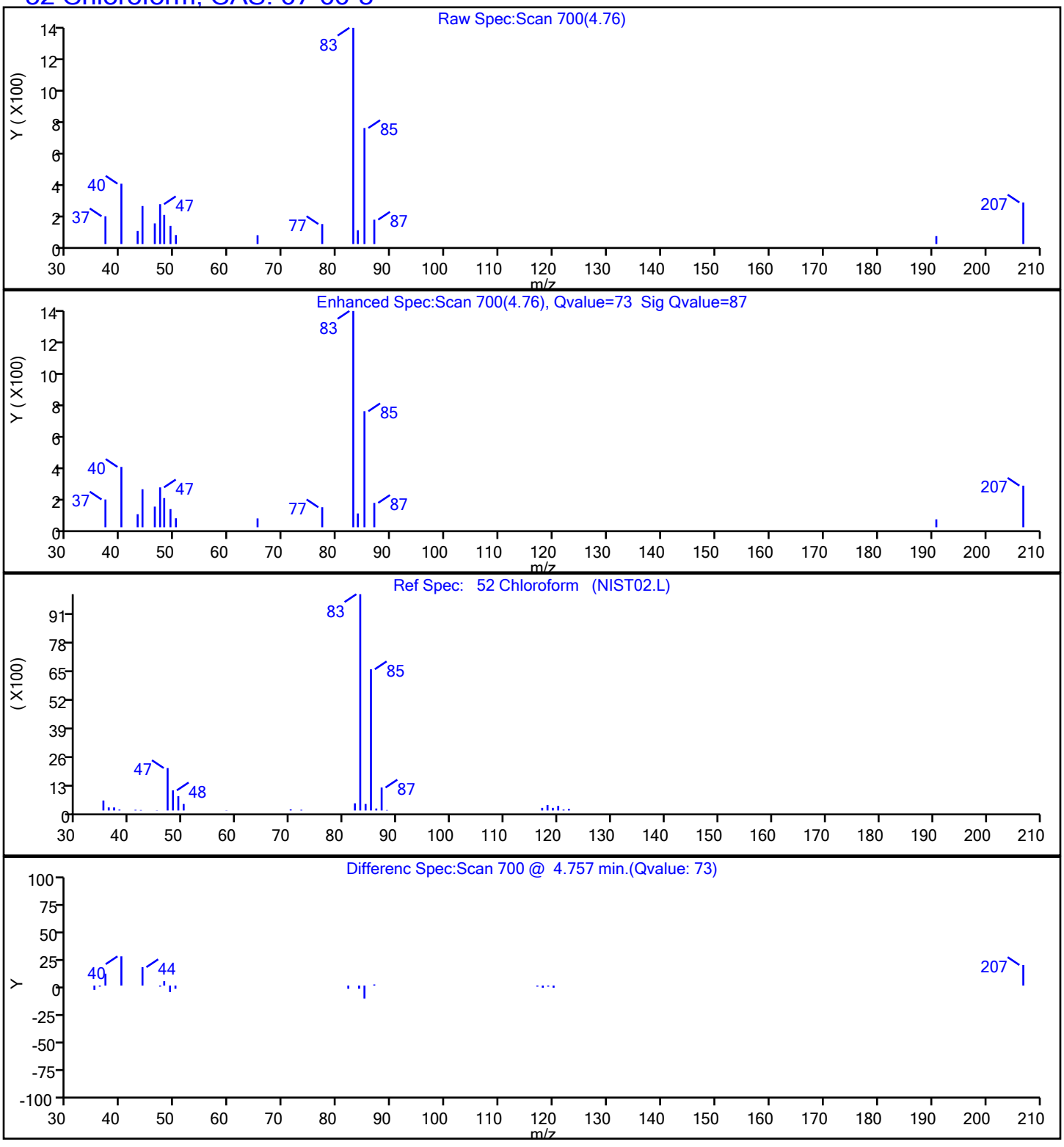
22 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D
Injection Date: 22-May-2024 10:55:18 Instrument ID: CVOAMS15
Lims ID: 460-304107-A-7 Lab Sample ID: 460-304107-7
Client ID: A-066
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



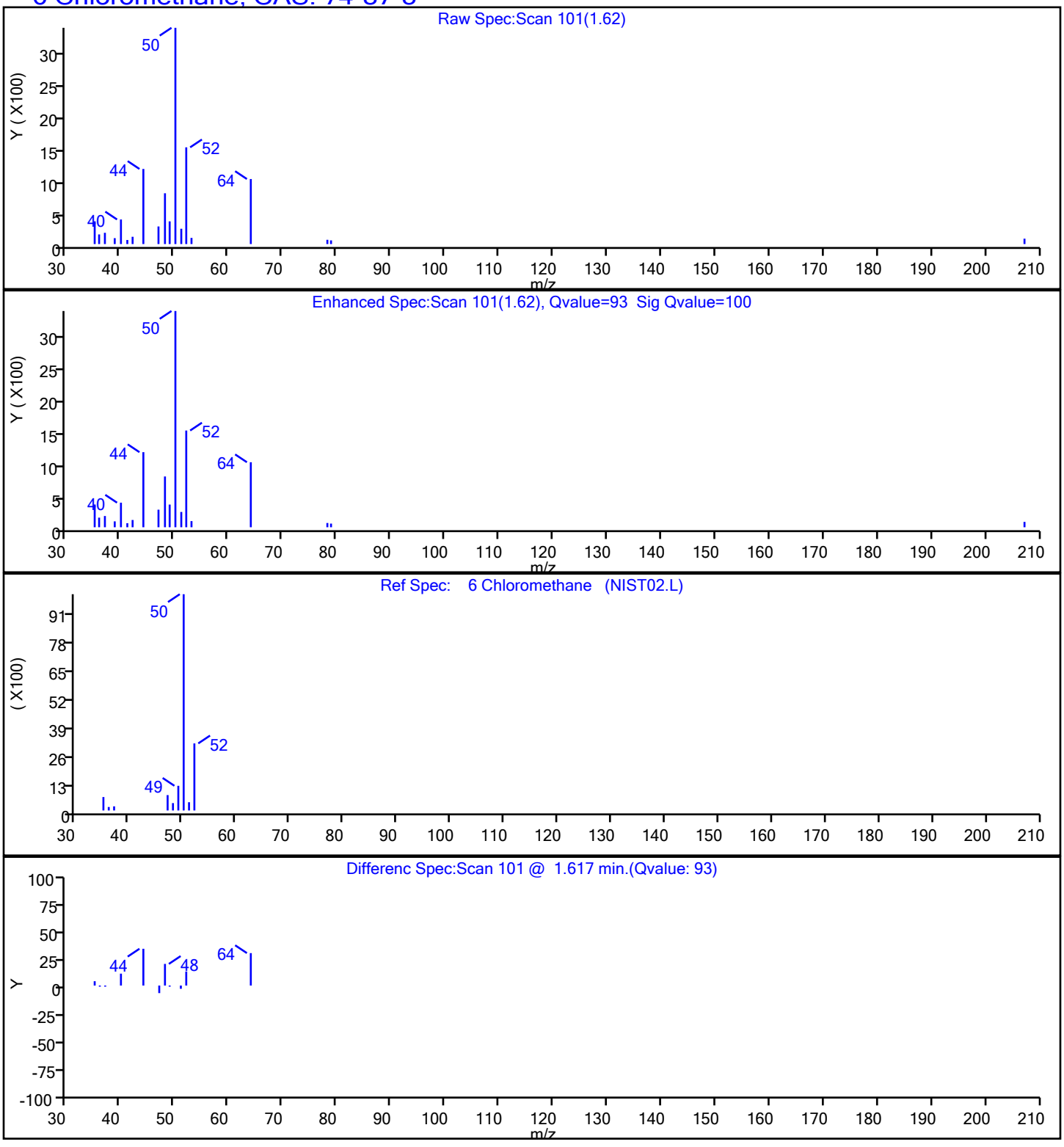
Report Date: 22-May-2024 14:30:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D

Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3



5/24/2024
11:47:36 AM

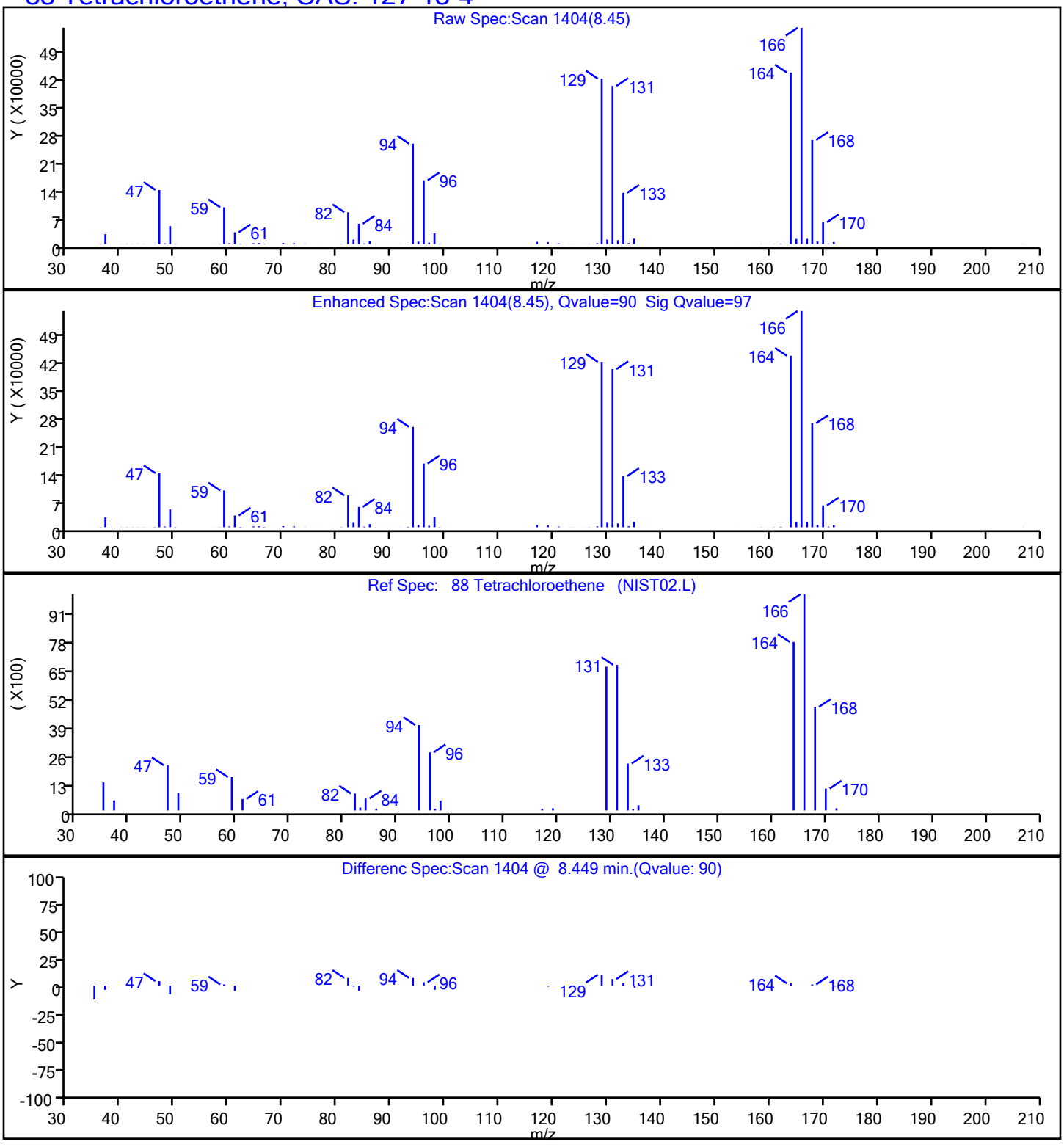
Report Date: 22-May-2024 14:30:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D

Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



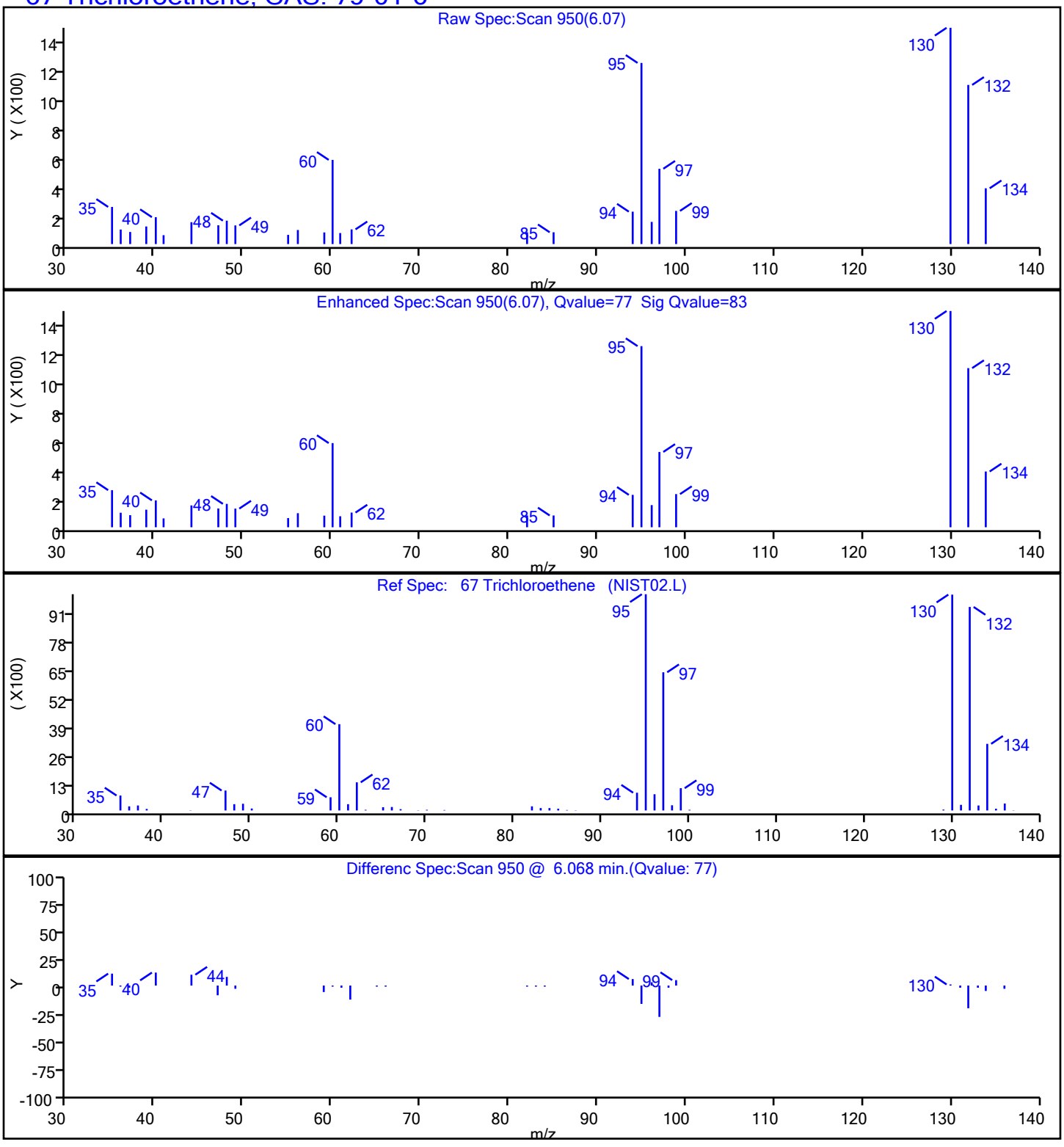
Report Date: 22-May-2024 14:30:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D

Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



5/24/2024
11:47:36 AM

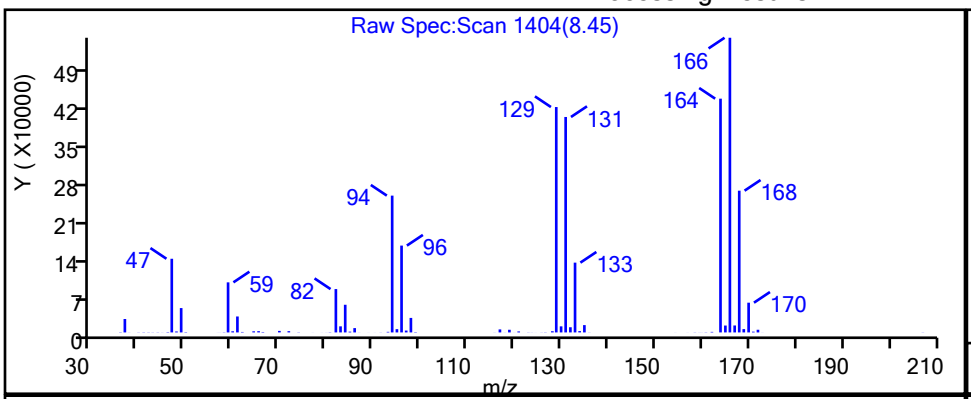
User Disabled Compound Report

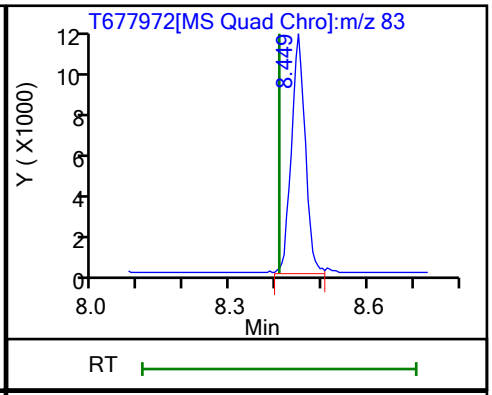
Eurofins Edison

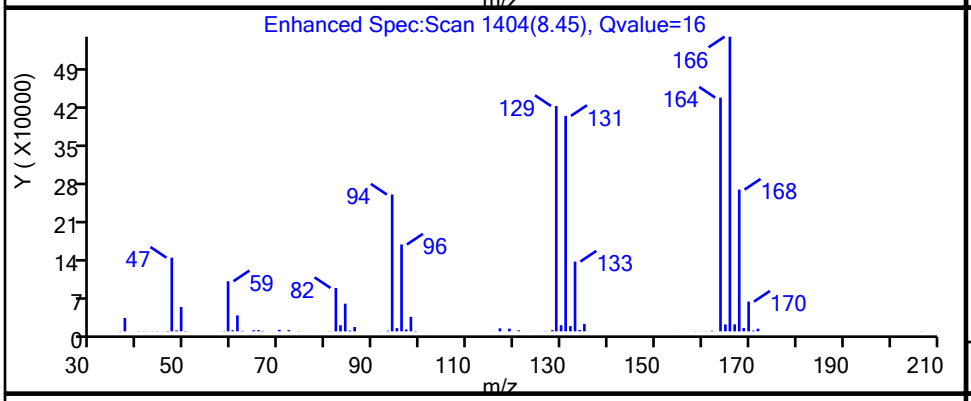
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D				
Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

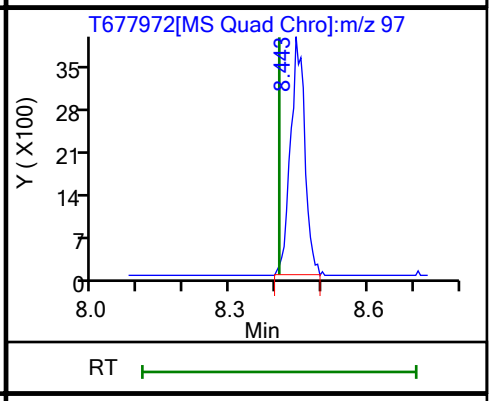
87 1,1,2-Trichloroethane, CAS: 79-00-5

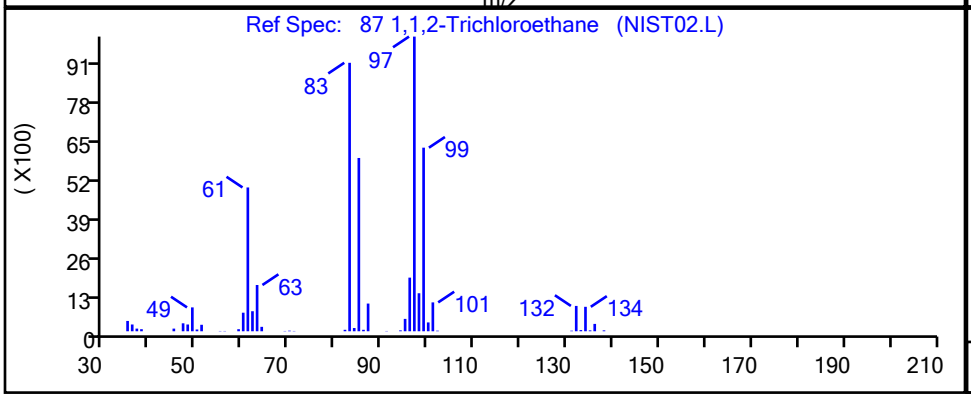
Processing Results

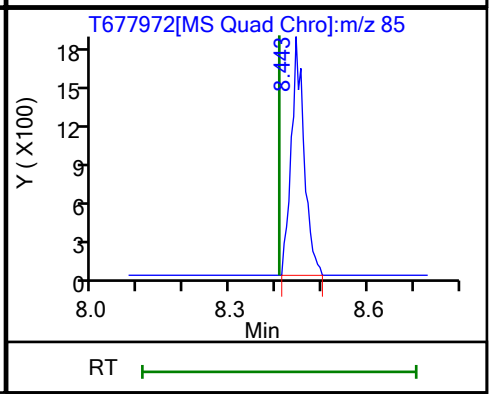












RT	Mass	Response	Amount
8.45	83.00	23577	7.353192
8.44	97.00	8565	
8.44	85.00	3632	

Reviewer: XE5L, 22-May-2024 14:30:09 -04:00:00 (UTC)

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

Eurofins Edison

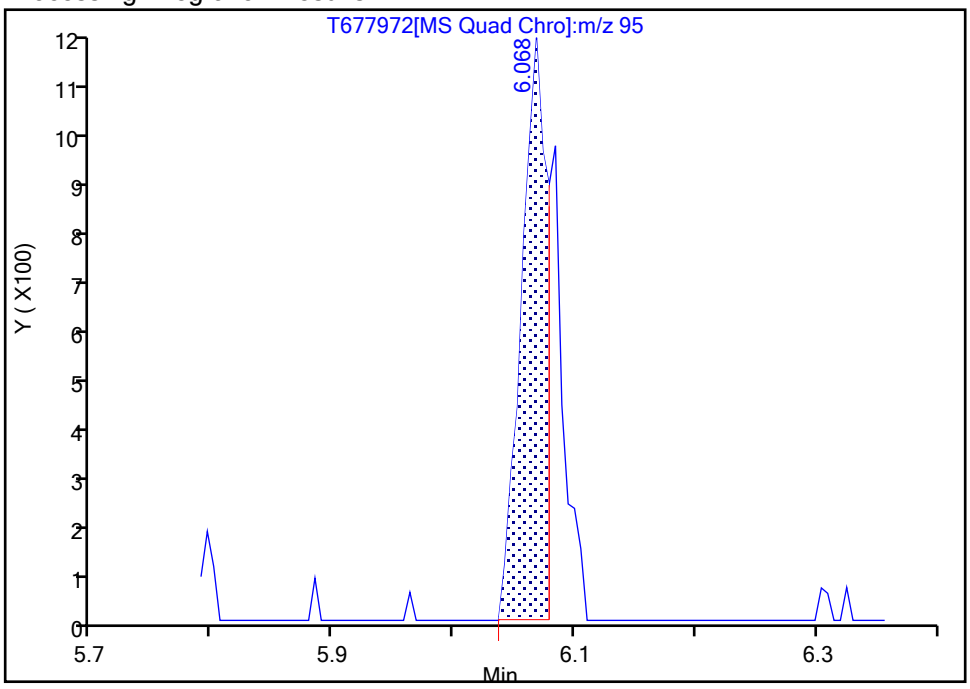
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677972.D		
Injection Date:	22-May-2024 10:55:18	Instrument ID:	CVOAMS15
Lims ID:	460-304107-A-7	Lab Sample ID:	460-304107-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

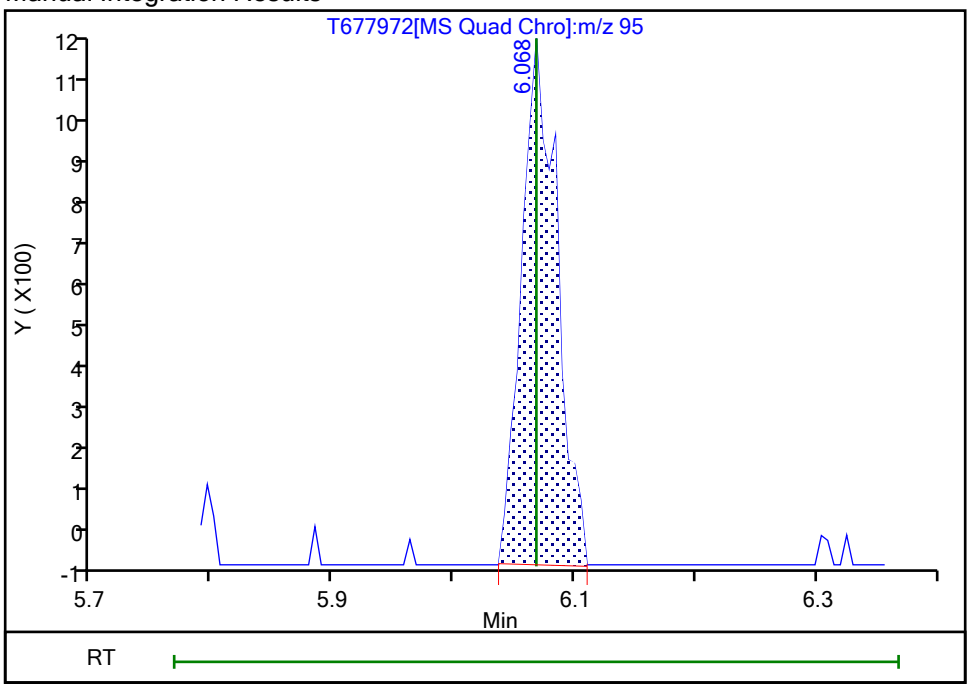
Processing Integration Results

RT: 6.07
Area: 1781
Amount: 0.396602
Amount Units: ug/l



Manual Integration Results

RT: 6.07
Area: 2412
Amount: 0.537116
Amount Units: ug/l



Reviewer: FK2C, 22-May-2024 11:54:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-304107-8

Matrix: Water | Lab File ID: T677989.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 17:29

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	18		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-07 Lab Sample ID: 460-304107-8

Matrix: Water Lab File ID: T677989.D

Analysis Method: 8260D Date Collected: 05/15/2024 11:55

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 17:29

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677989.D
Lims ID: 460-304107-A-8
Client ID: A-07
Sample Type: Client
Inject. Date: 22-May-2024 17:29:20 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-8
Misc. Info.: 460-0176219-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:21:38 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:21:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	97	49198	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	46	299982	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	173823	54.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	97	177456	56.1	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	559327	50.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	38749	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	99	568286	49.6	
88 Tetrachloroethene	166	8.448	8.448	0.000	90	86003	18.2	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	83	458039	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	91	188239	47.9	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	236088	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 18:21:38 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677989.D

Injection Date: 22-May-2024 17:29:20 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-8 Lab Sample ID: 460-304107-8

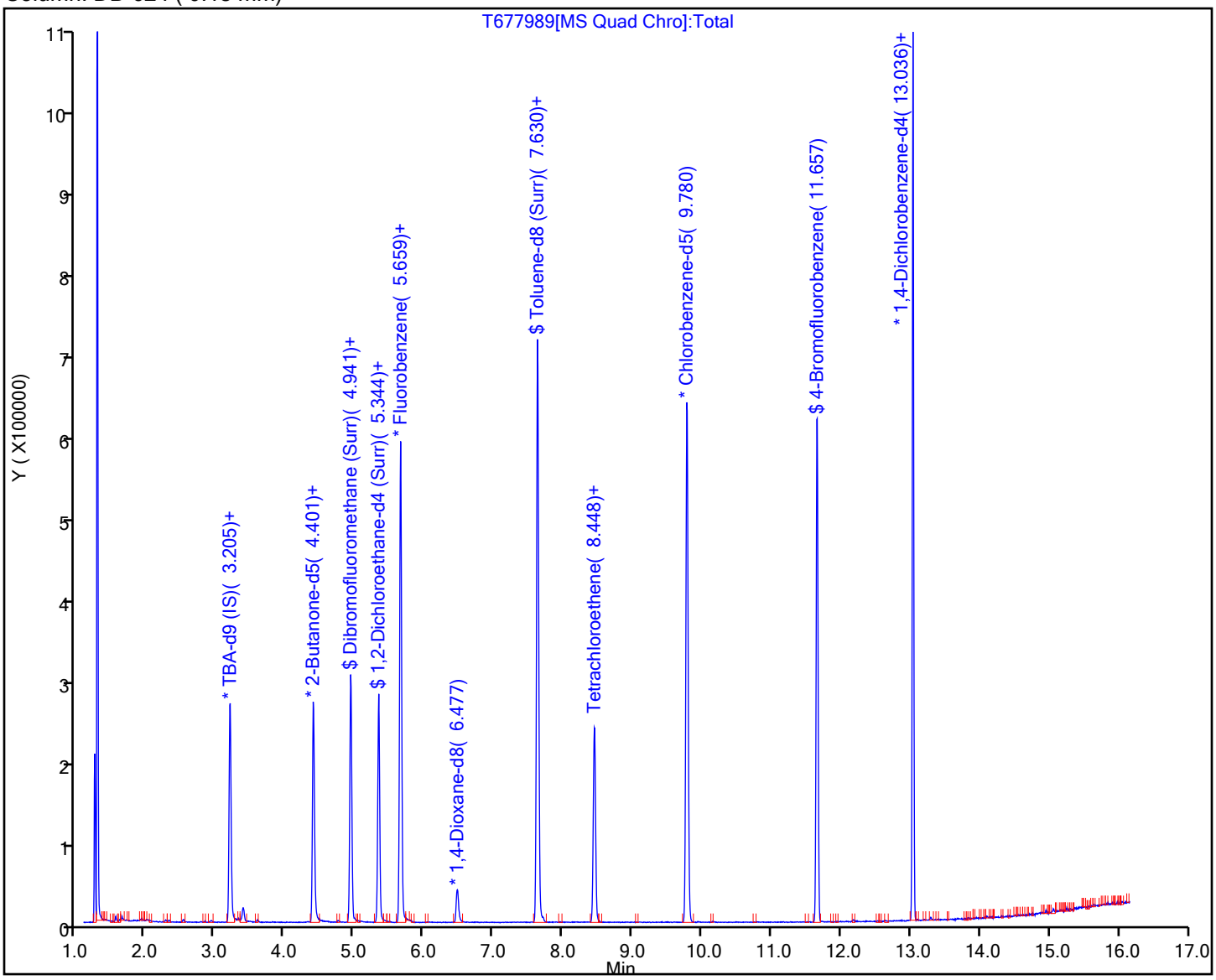
Client ID: A-07

Operator ID: ALS Bottle#: 0 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677989.D
Lims ID: 460-304107-A-8
Client ID: A-07
Sample Type: Client
Inject. Date: 22-May-2024 17:29:20 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-8
Misc. Info.: 460-0176219-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 18:21:38 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:21:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.5	108.92
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.1	112.18
$ 83 Toluene-d8 (Surr)	50.0	49.6	99.20
$ 105 4-Bromofluorobenzene	50.0	47.9	95.79

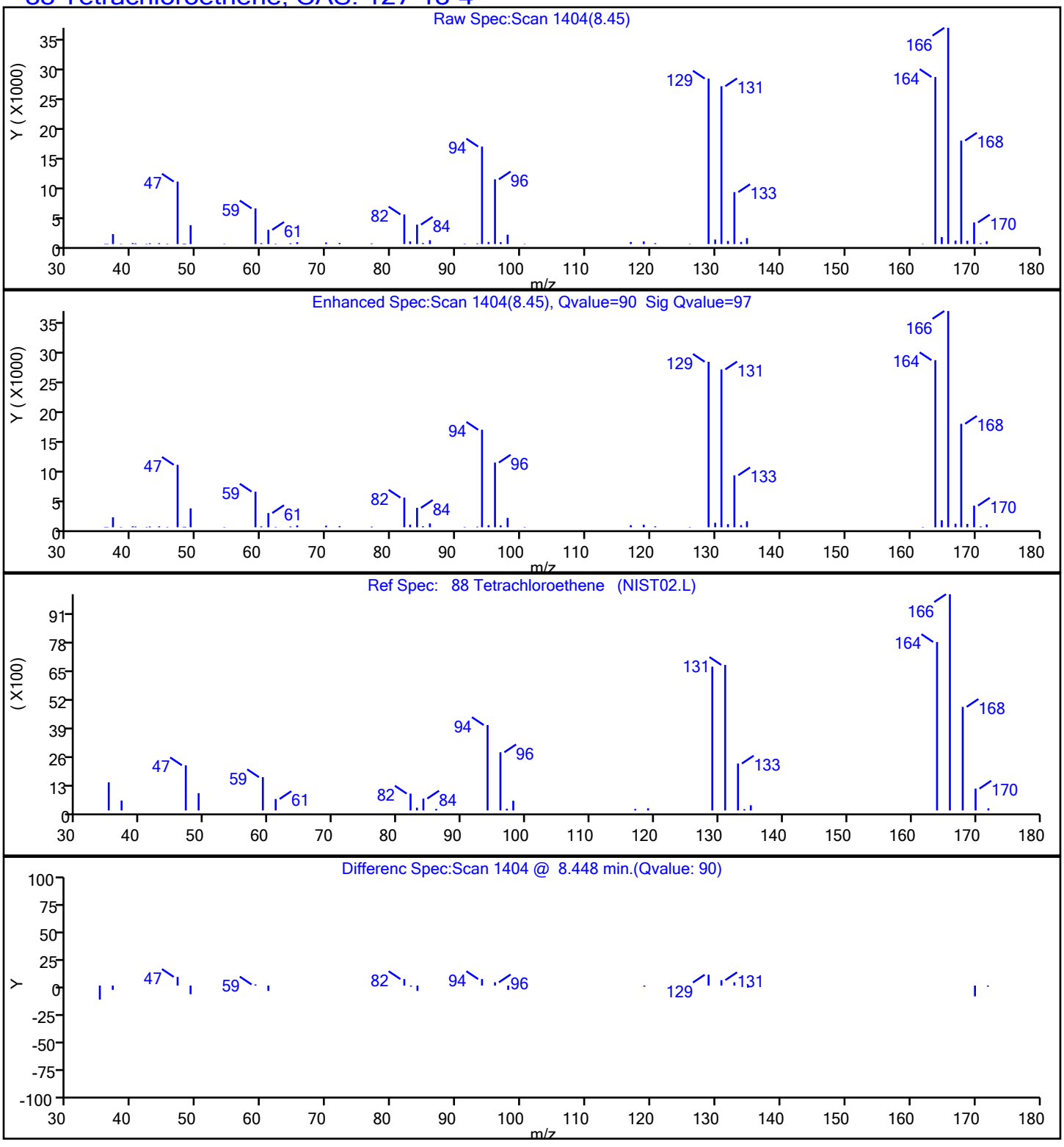
Report Date: 22-May-2024 18:21:38 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677989.D

Injection Date:	22-May-2024 17:29:20	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-8	Lab Sample ID:	460-304107-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



5/24/2024
11:47:36 AM

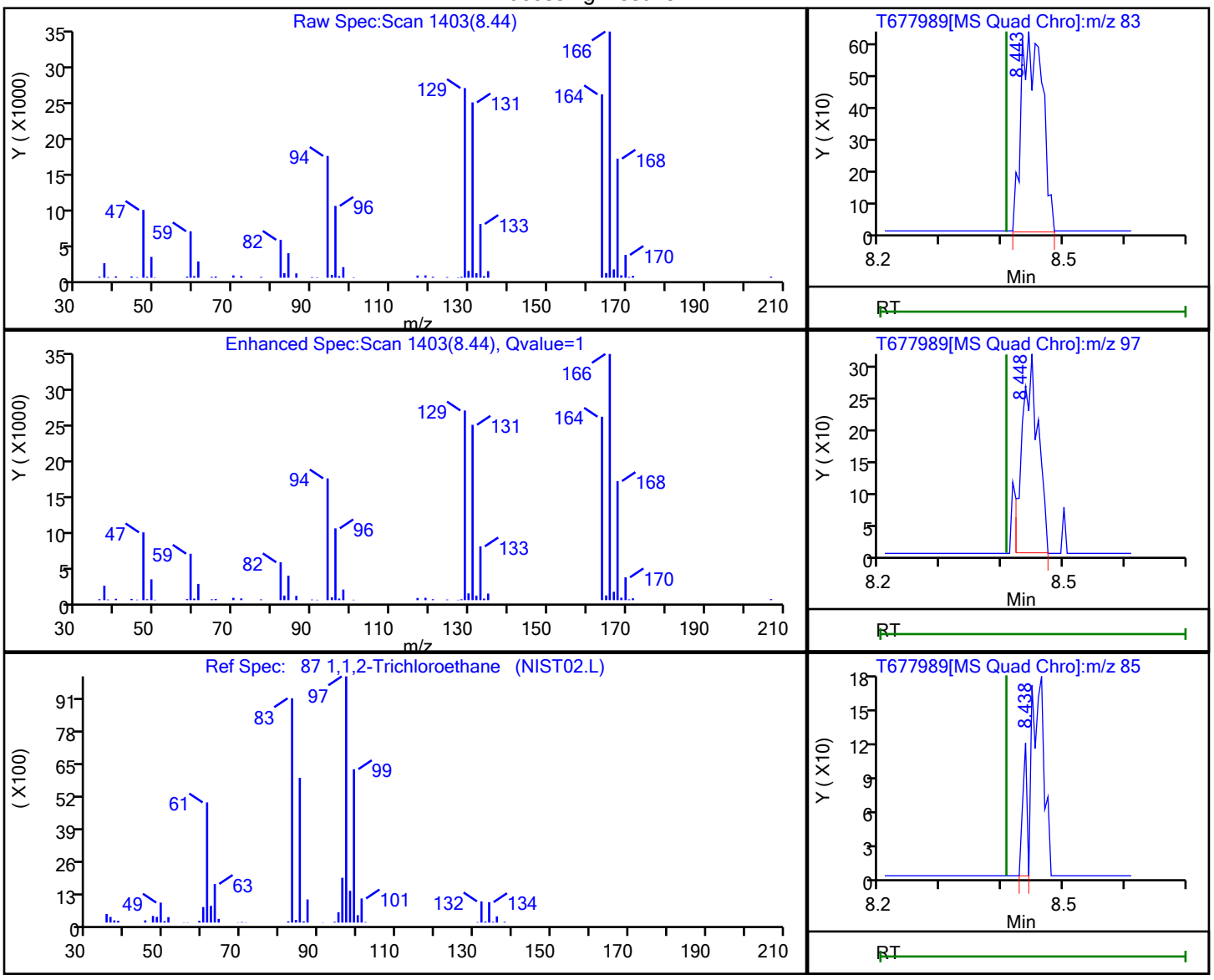
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677989.D				
Injection Date:	22-May-2024 17:29:20	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-8	Lab Sample ID:	460-304107-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
8.44	83.00	1513	0.465084
8.45	97.00	558	
8.44	85.00	56	

Reviewer: XE5L, 22-May-2024 18:21:33 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-304107-9

Matrix: Water | Lab File ID: TT80718.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 10:06

Soil Aliquot Vol: | Dilution Factor: 2

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	0.88	J	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	490		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	0.99	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-304107-9

Matrix: Water | Lab File ID: TT80718.D

Analysis Method: 8260D | Date Collected: 05/15/2024 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 10:06

Soil Aliquot Vol: | Dilution Factor: 2

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D
Lims ID: 460-304107-B-9
Client ID: A-08
Sample Type: Client
Inject. Date: 23-May-2024 10:06:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-304107-B-9
Misc. Info.: 460-0176271-015
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-May-2024 10:13:08 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1627

First Level Reviewer: UHA6 Date: 24-May-2024 10:13:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.549	1.549	0.000	38	1671	0.4409	
* 31 TBA-d9 (IS)	66	2.957	2.963	-0.006	0	15765	1000.0	a
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	110767	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	136501	51.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	116416	46.1	
* 66 Fluorobenzene	96	5.055	5.055	0.000	99	539965	50.0	
68 Trichloroethene	95	5.396	5.396	0.000	91	1548	0.4961	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	8297	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	505753	48.5	
88 Tetrachloroethene	166	7.371	7.371	0.000	96	776421	246.7	
* 94 Chlorobenzene-d5	117	8.456	8.462	-0.006	85	390277	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	97	171962	53.5	
* 121 1,4-Dichlorobenzene-d4	152	11.066	11.066	0.000	94	217877	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 24-May-2024 10:13:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D

Injection Date: 23-May-2024 10:06:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-B-9 Lab Sample ID: 460-304107-9

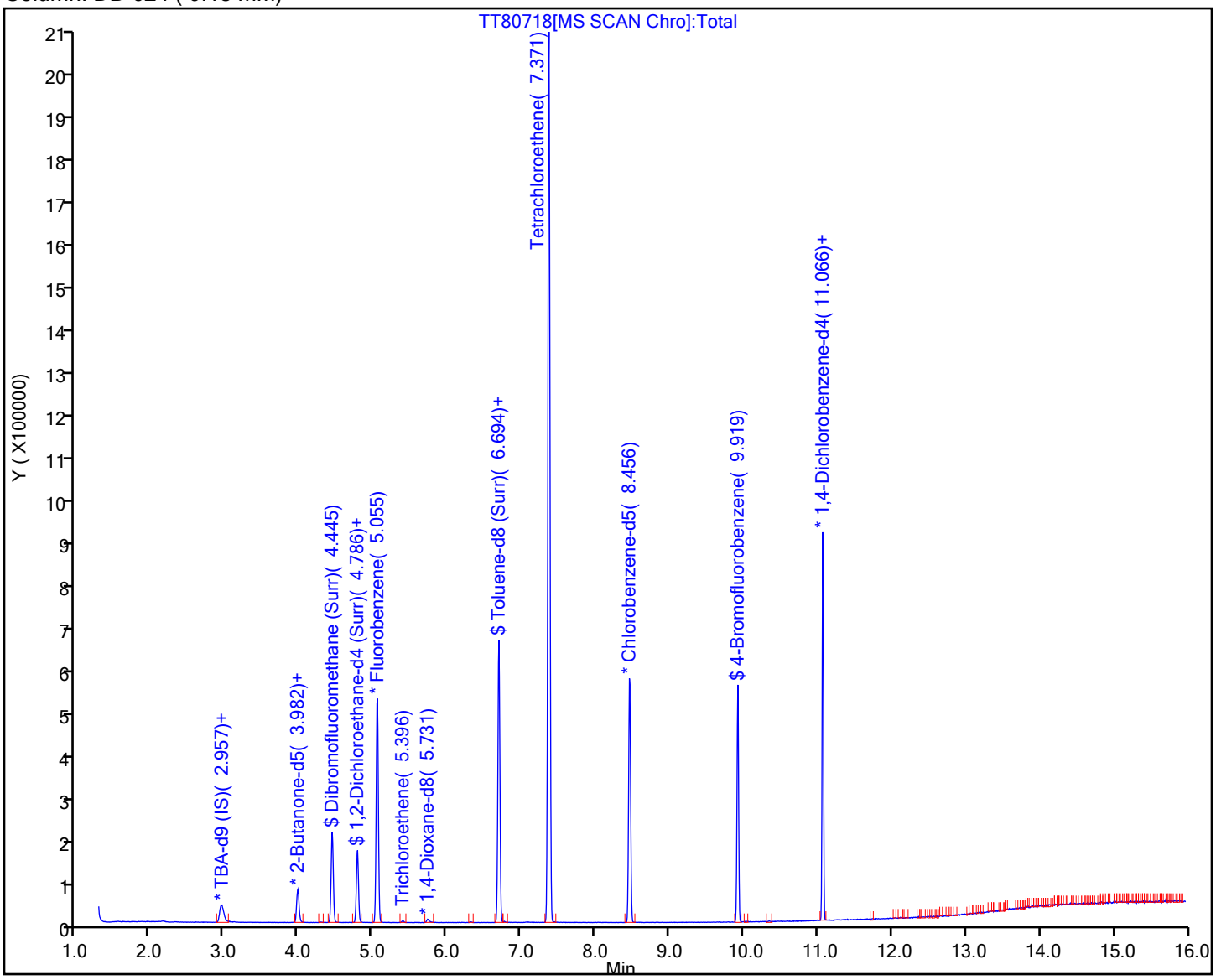
Client ID: A-08

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 2.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D
Lims ID: 460-304107-B-9
Client ID: A-08
Sample Type: Client
Inject. Date: 23-May-2024 10:06:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-304107-B-9
Misc. Info.: 460-0176271-015
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-May-2024 10:13:08 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1627

First Level Reviewer: UHA6 Date: 24-May-2024 10:13:08

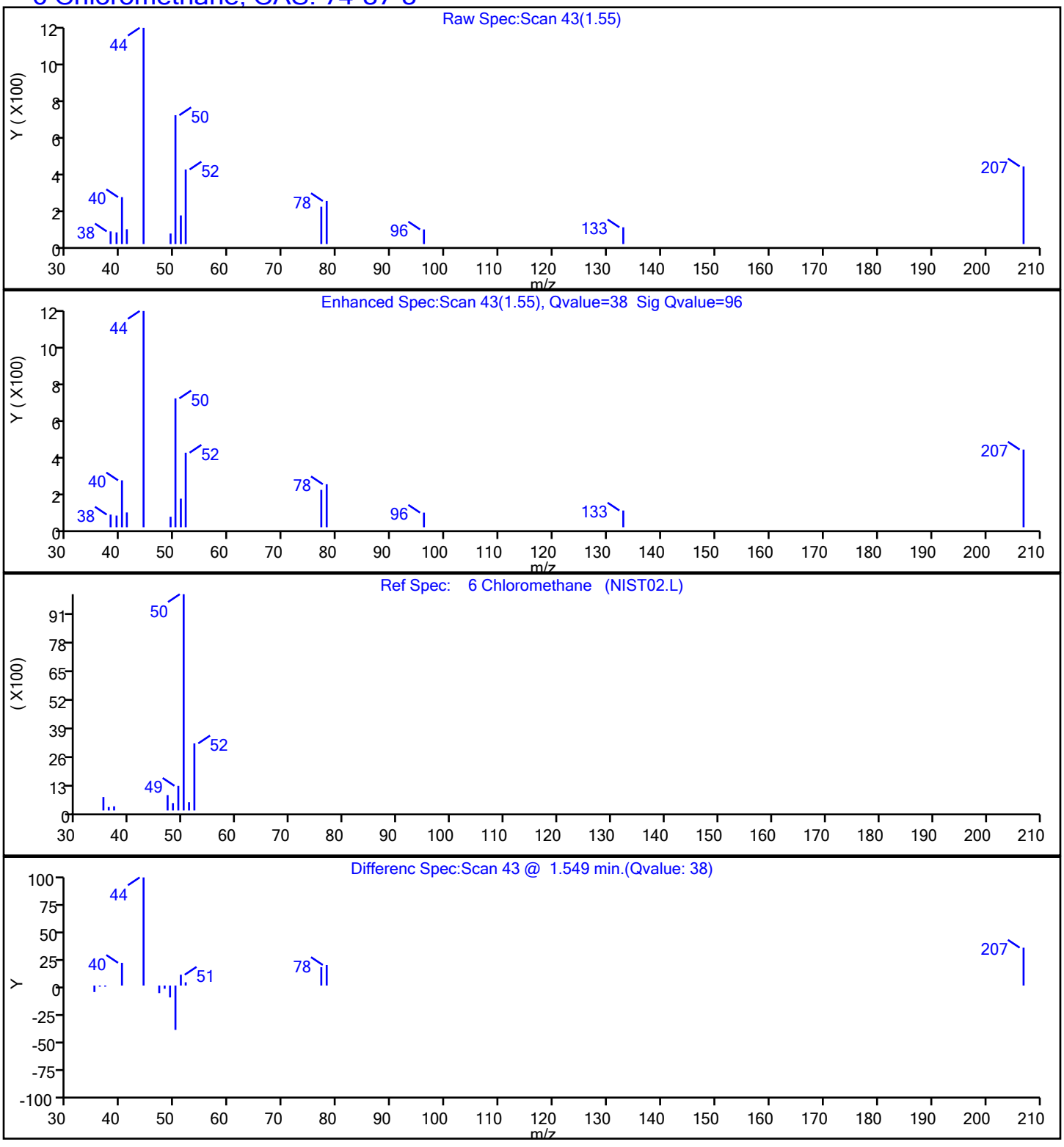
Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.9	103.87
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.1	92.17
$ 83 Toluene-d8 (Surr)	50.0	48.5	97.10
$ 105 4-Bromofluorobenzene	50.0	53.5	106.94

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D

Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

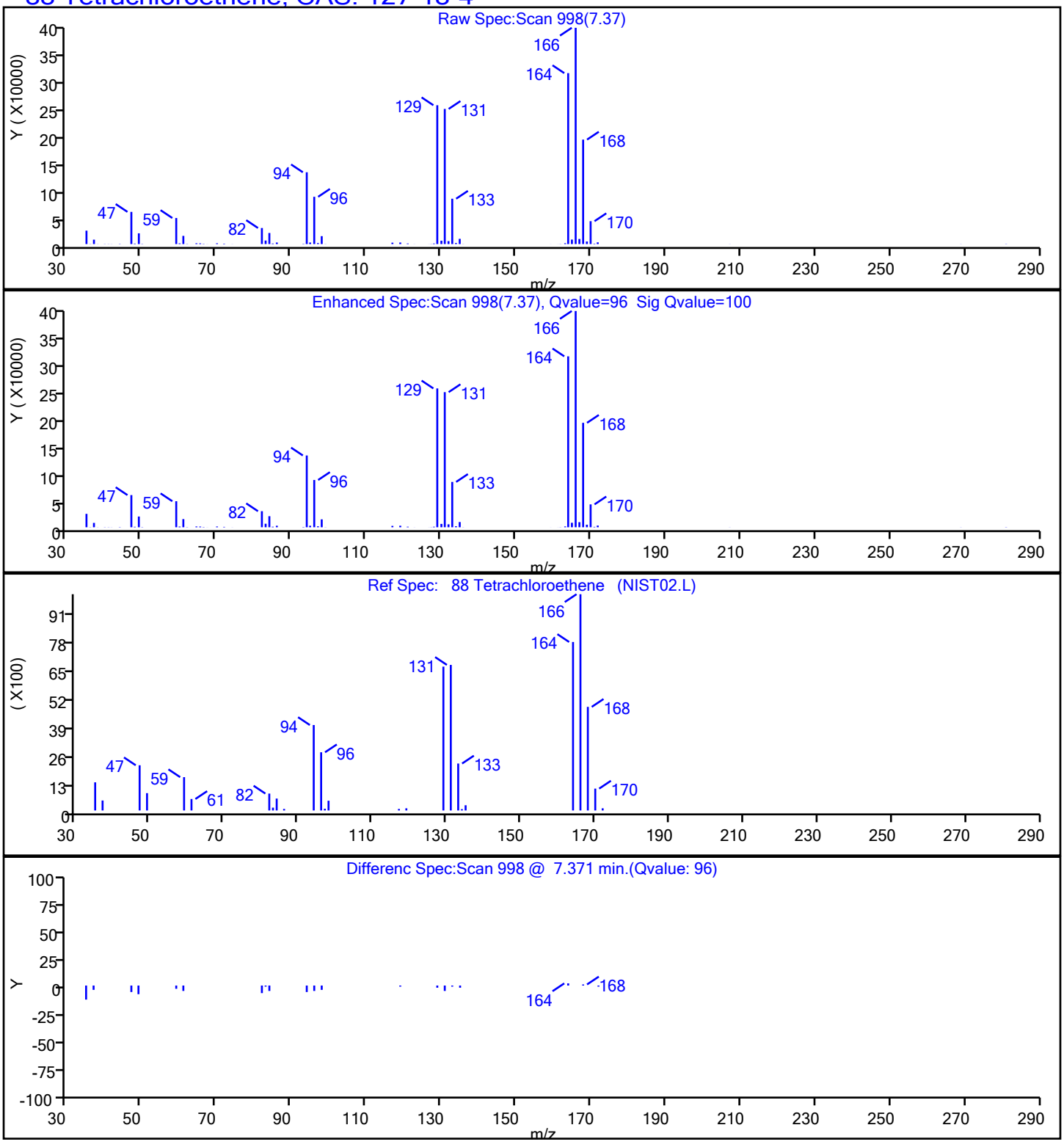
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D		
Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9
Client ID:	A-08		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

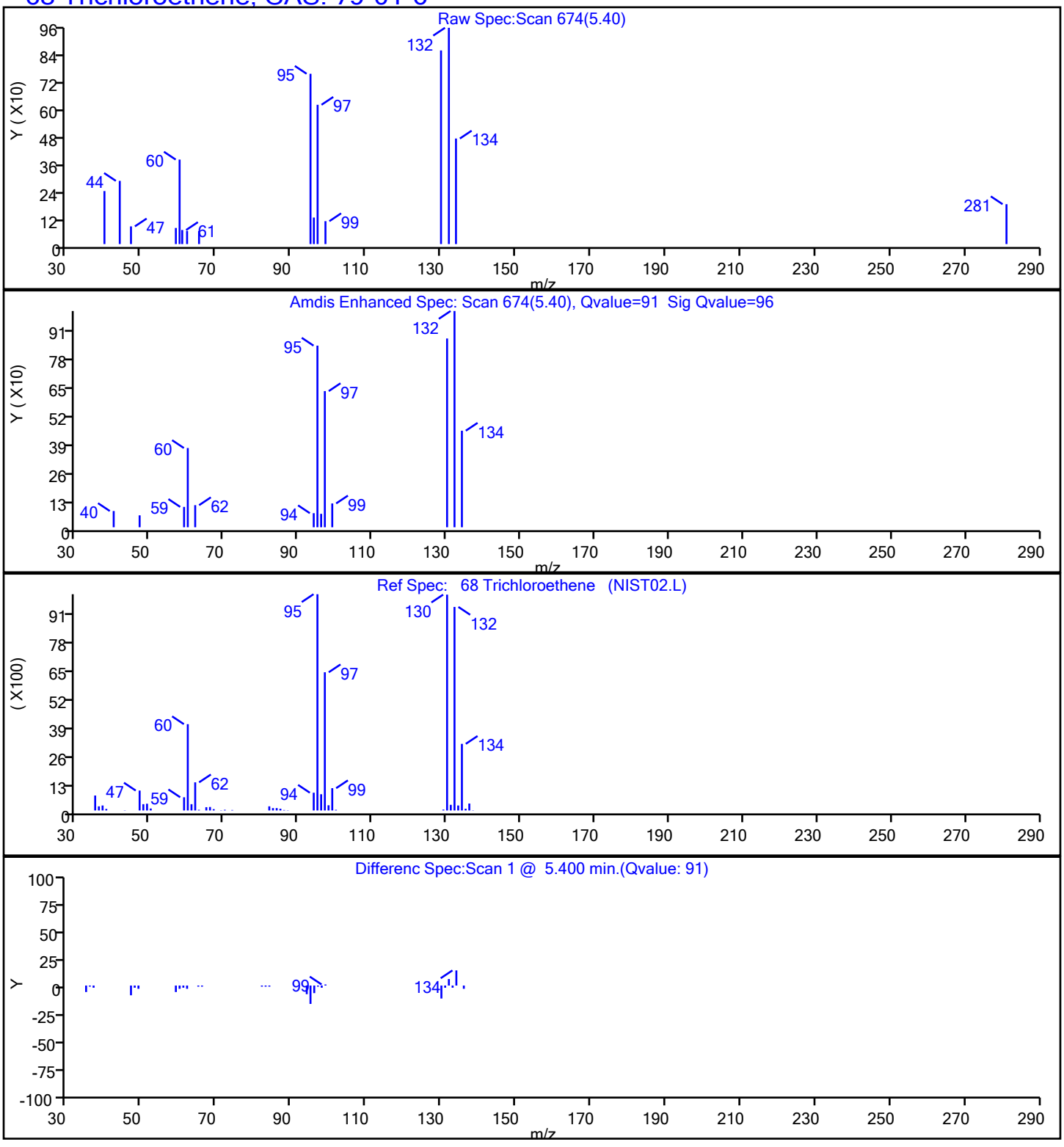
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D
Injection Date: 23-May-2024 10:06:30 Instrument ID: CVOAMS17
Lims ID: 460-304107-B-9 Lab Sample ID: 460-304107-9
Client ID: A-08
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6



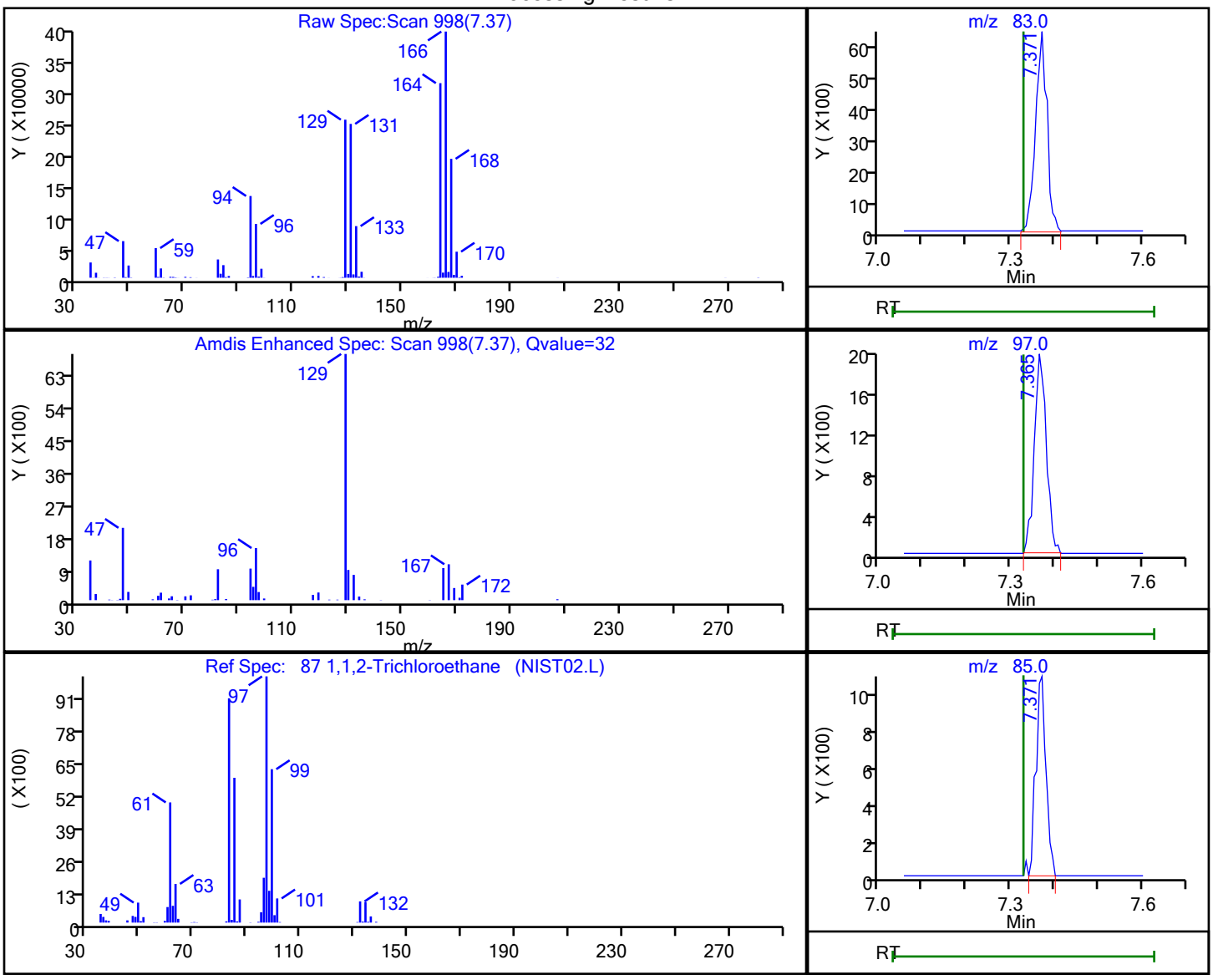
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D				
Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
7.37	83.00	11729	6.954441
7.37	97.00	3769	
7.37	85.00	1643	

Reviewer: XE5L, 23-May-2024 12:20:23 -04:00:00 (UTC)

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

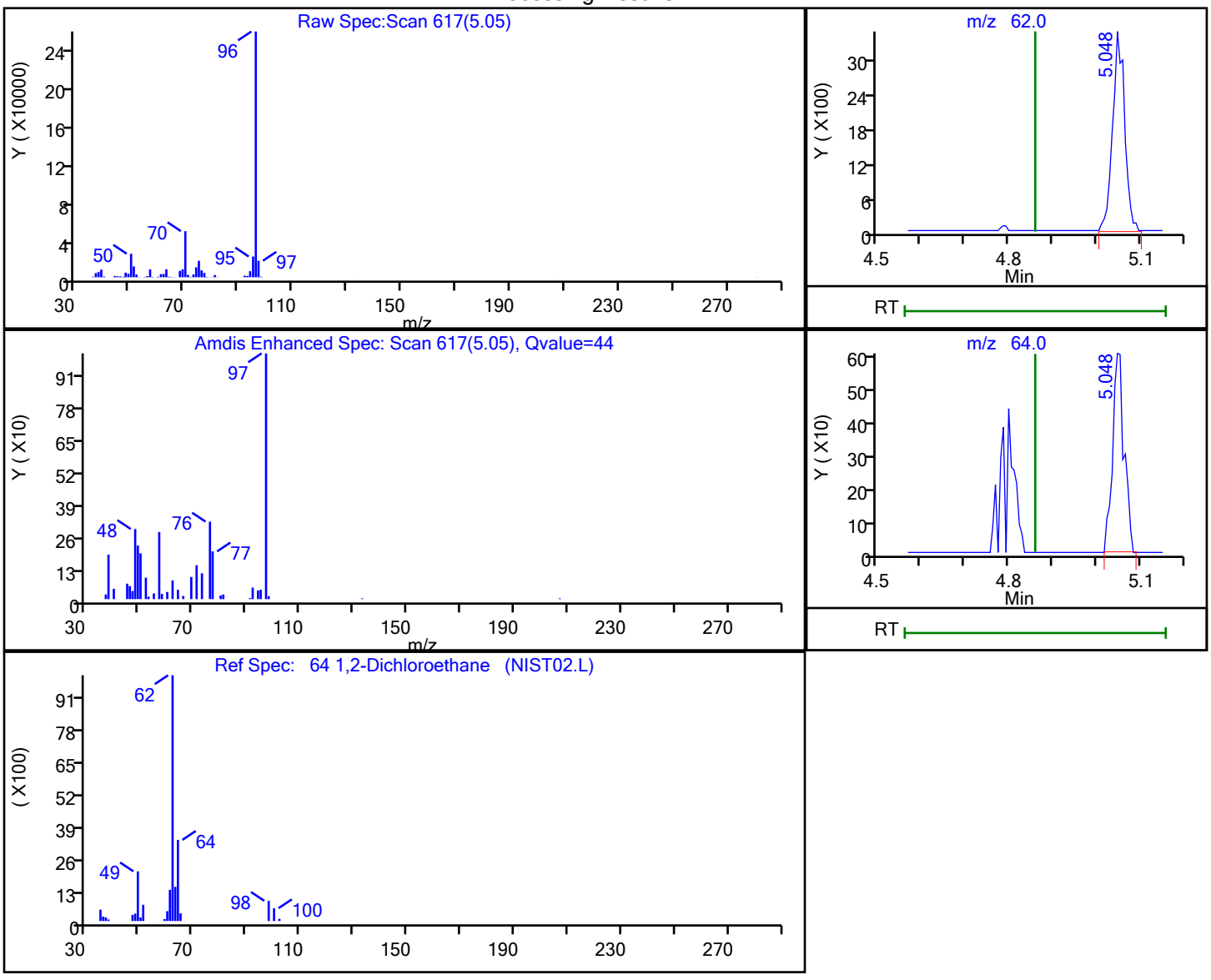
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D				
Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.05	62.00	6667	2.183951
5.05	64.00	1118	

Reviewer: XE5L, 23-May-2024 12:20:19 -04:00:00 (UTC)

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

Eurofins Edison

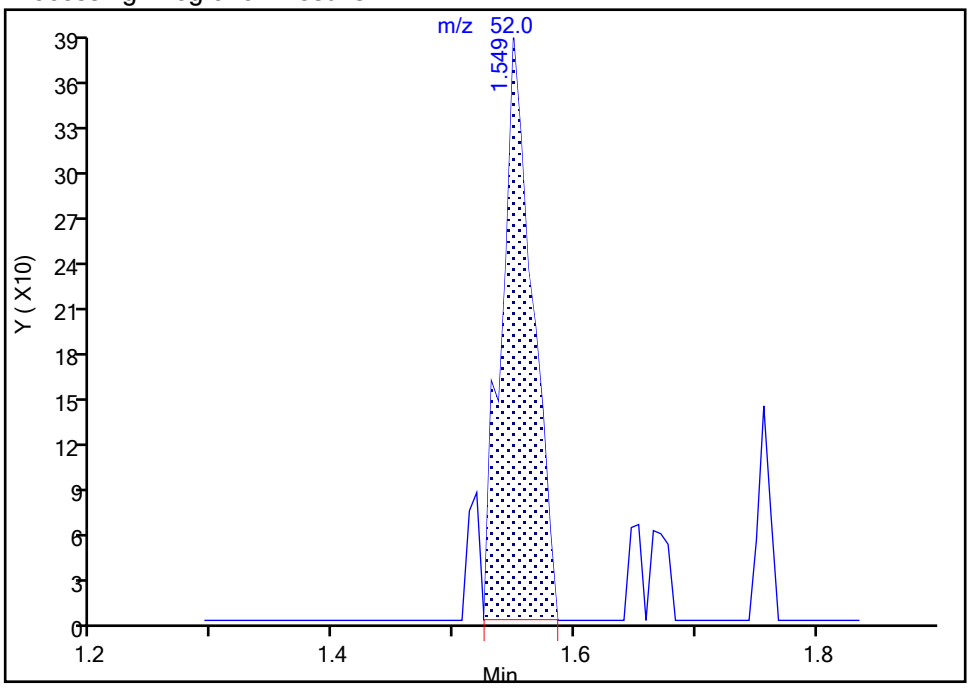
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D		
Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9
Client ID:	A-08		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 2

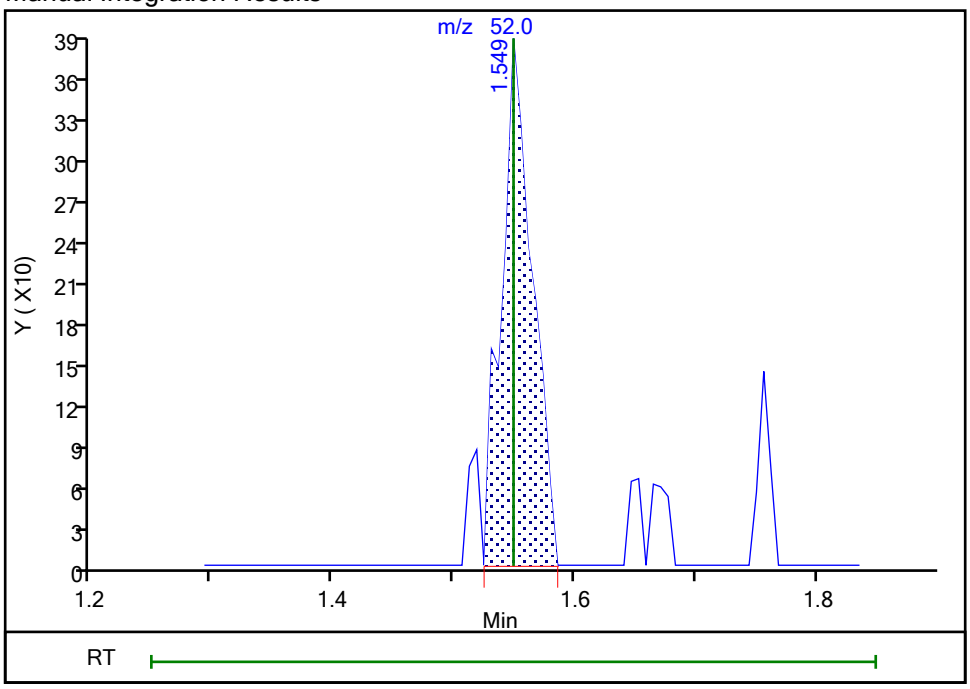
Processing Integration Results

RT: 1.55
Area: 681
Amount: 0.440853
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 681
Amount: 0.440853
Amount Units: ug/l



Reviewer: XE5L, 23-May-2024 12:20:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

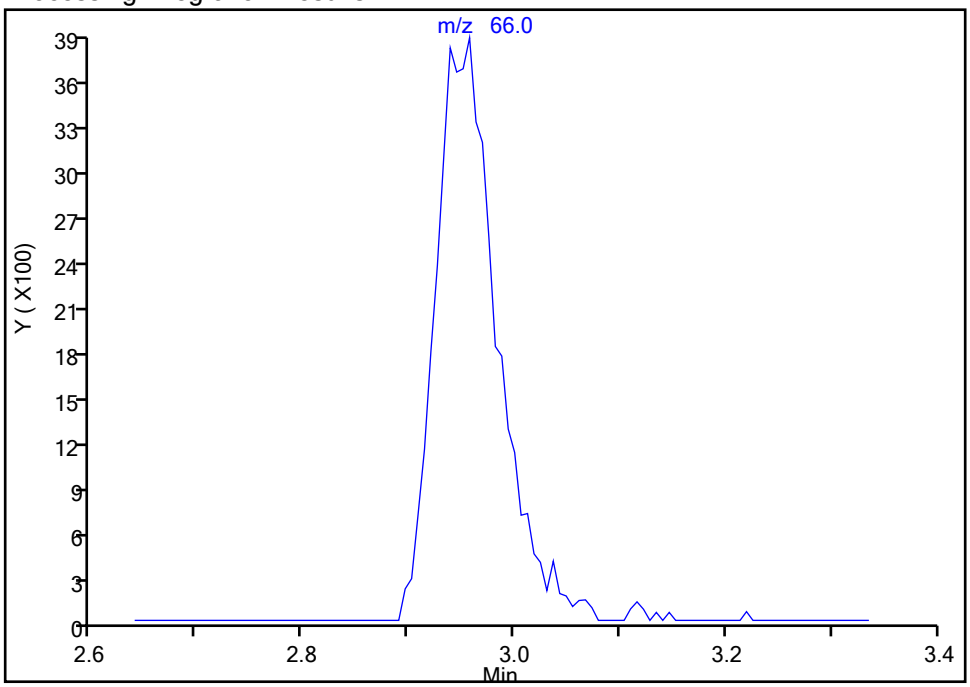
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80718.D		
Injection Date:	23-May-2024 10:06:30	Instrument ID:	CVOAMS17
Lims ID:	460-304107-B-9	Lab Sample ID:	460-304107-9
Client ID:	A-08		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

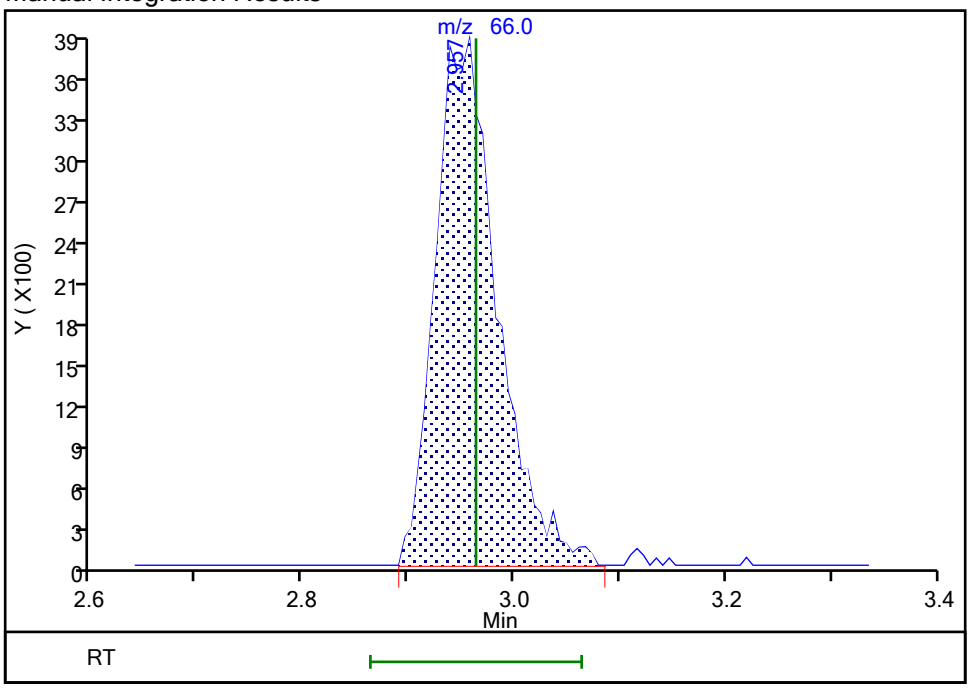
Not Detected
Expected RT: 2.96

Processing Integration Results



Manual Integration Results

RT: 2.96
Area: 15765
Amount: 1000.0000
Amount Units: ug/l



Reviewer: UHA6, 24-May-2024 10:13:05 07:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-304107-10

Matrix: Water | Lab File ID: T677991.D

Analysis Method: 8260D | Date Collected: 05/15/2024 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 18:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	110		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.32	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-304107-10

Matrix: Water | Lab File ID: T677991.D

Analysis Method: 8260D | Date Collected: 05/15/2024 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 18:14

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677991.D
Lims ID: 460-304107-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 22-May-2024 18:14:57 ALS Bottle#: 0 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-10
Misc. Info.: 460-0176219-030
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:33:13 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:38:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	96	44071	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	38	284085	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	93	150179	53.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.344	-0.005	99	162751	58.8	
* 65 Fluorobenzene	96	5.659	5.659	0.000	98	489408	50.0	
67 Trichloroethene	95	6.073	6.068	0.005	52	1207	0.3169	
* 73 1,4-Dioxane-d8	96	6.472	6.477	-0.005	1	34689	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	98	497797	50.6	
88 Tetrachloroethene	166	8.448	8.448	0.000	89	459051	112.9	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	87	393350	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	89	158128	46.9	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	96	203884	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

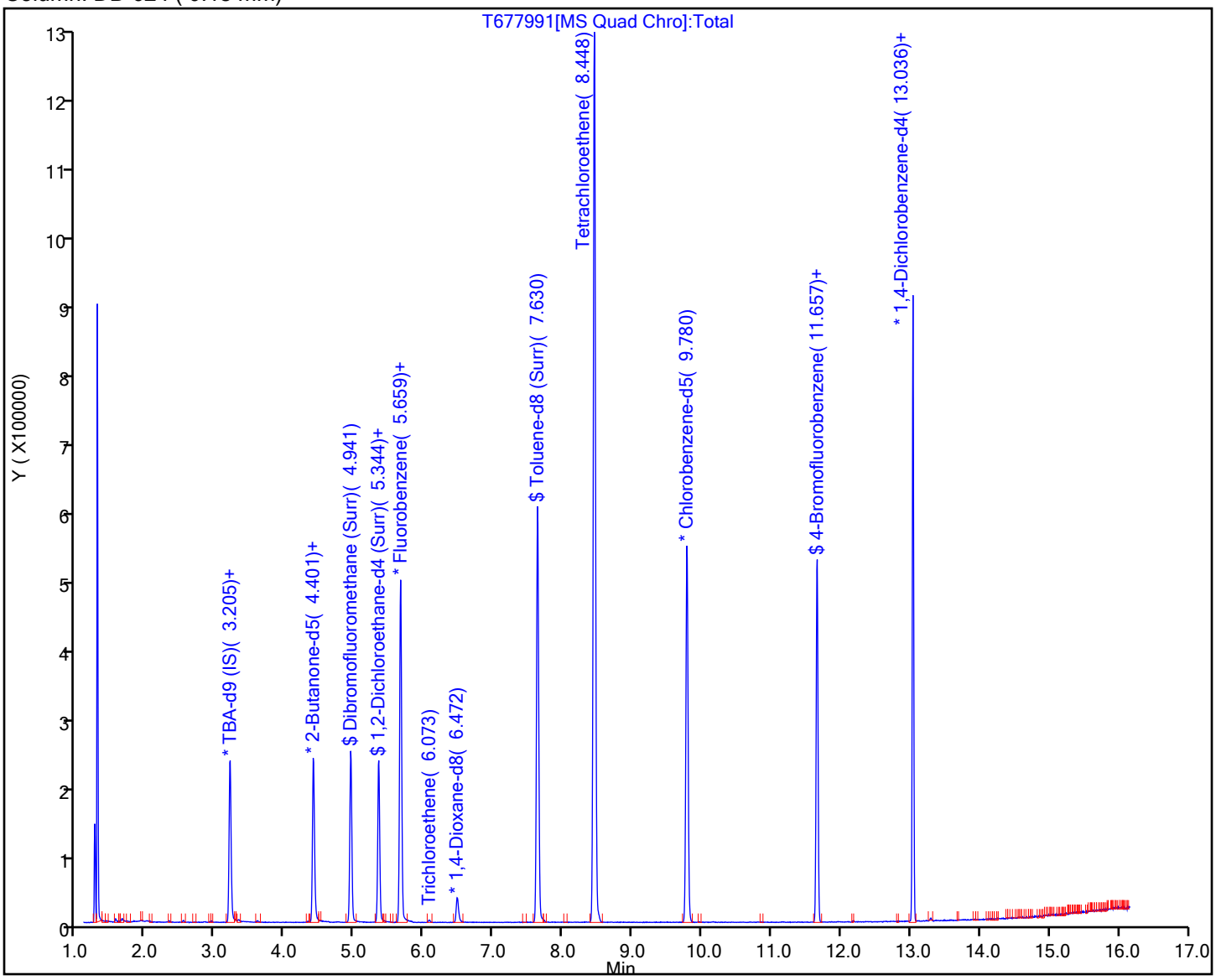
Report Date: 22-May-2024 18:38:01 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677991.D

Injection Date:	22-May-2024 18:14:57	Instrument ID:	CVOAMS15
Lims ID:	460-304107-A-10	Lab Sample ID:	460-304107-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677991.D				
Lims ID:	460-304107-A-10				
Client ID:	A-05				
Sample Type:	Client				
Inject. Date:	22-May-2024 18:14:57	ALS Bottle#:	0	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-304107-A-10				
Misc. Info.:	460-0176219-030				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	22-May-2024 16:33:13	Calib Date:	21-Apr-2024 15:59:15		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1653				

First Level Reviewer: XE5L Date: 22-May-2024 18:38:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.8	107.55
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	58.8	117.58
$ 83 Toluene-d8 (Surr)	50.0	50.6	101.19
$ 105 4-Bromofluorobenzene	50.0	46.9	93.70

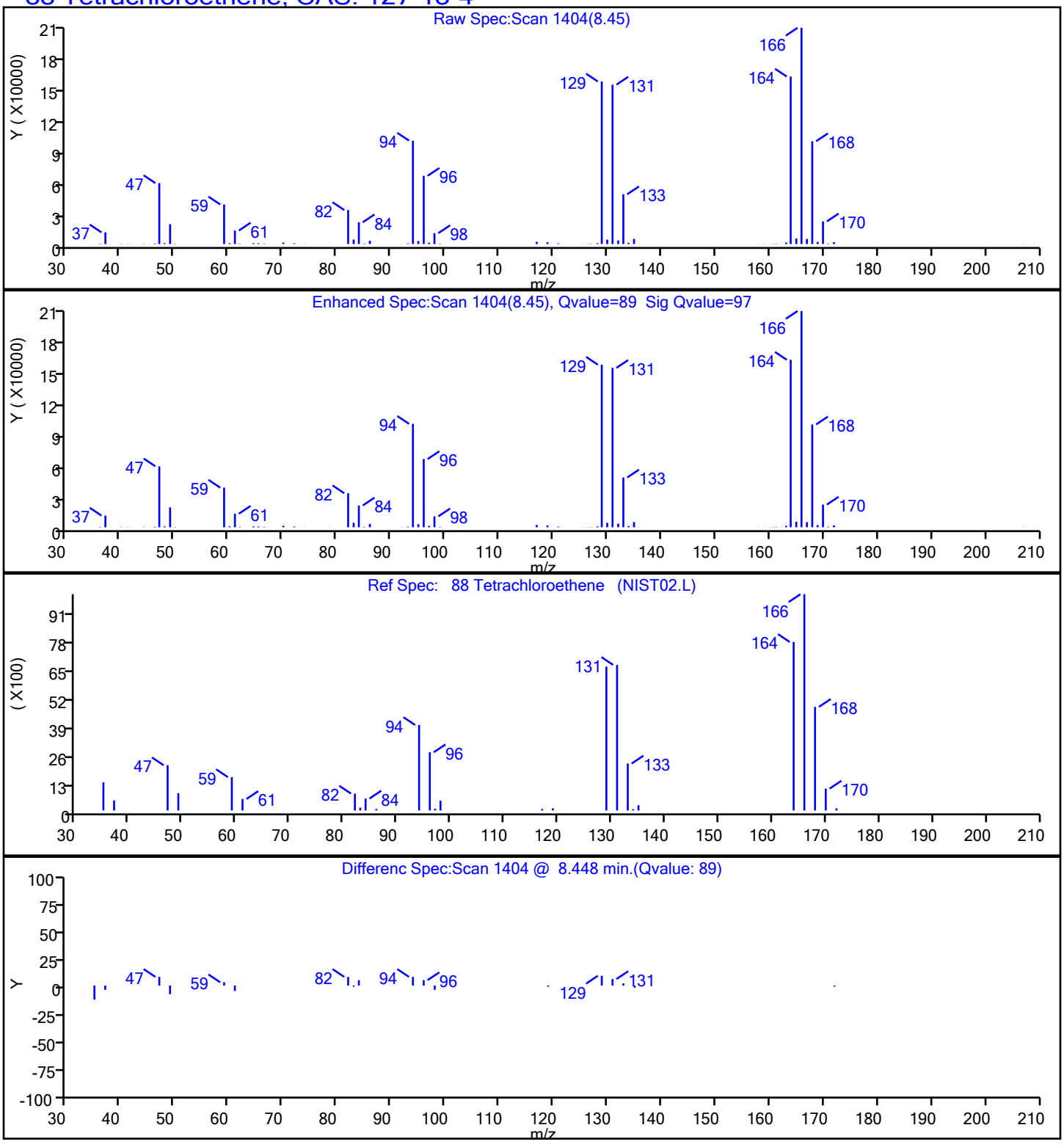
Report Date: 22-May-2024 18:38:01 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677991.D

Injection Date:	22-May-2024 18:14:57	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-10	Lab Sample ID:	460-304107-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



5/24/2024
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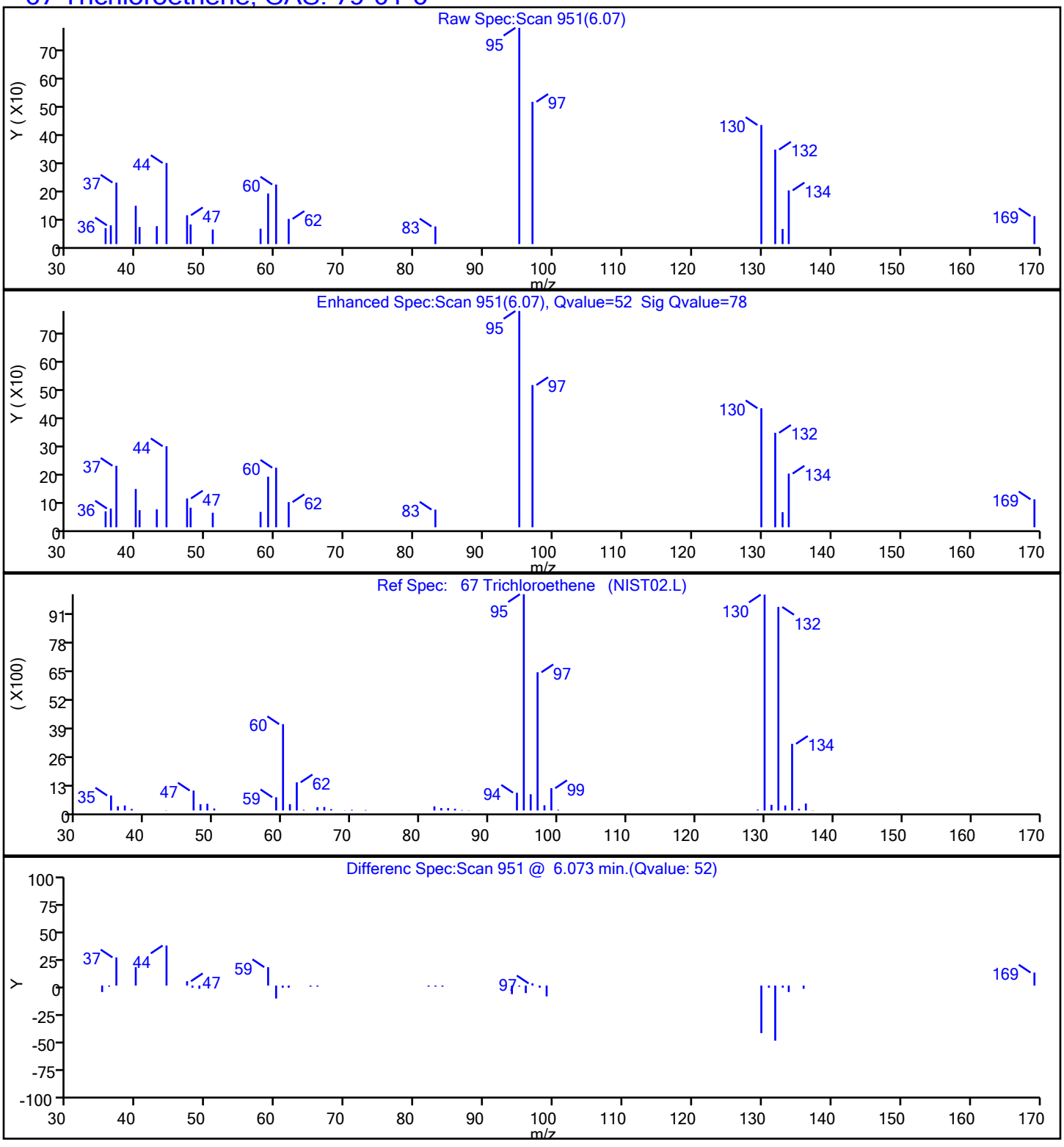
Report Date: 22-May-2024 18:38:01 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677991.D

Injection Date:	22-May-2024 18:14:57	Instrument ID:	CVOAMS15
Lims ID:	460-304107-A-10	Lab Sample ID:	460-304107-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



5/24/2024
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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-304107-11

Matrix: Water | Lab File ID: T677992.D

Analysis Method: 8260D | Date Collected: 05/15/2024 12:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 18:37

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	8.1		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-09 Lab Sample ID: 460-304107-11

Matrix: Water Lab File ID: T677992.D

Analysis Method: 8260D Date Collected: 05/15/2024 12:40

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 18:37

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D
Lims ID: 460-304107-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 22-May-2024 18:37:47 ALS Bottle#: 0 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-11
Misc. Info.: 460-0176219-031
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 19:14:24 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 19:14:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	97	41582	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	45	274207	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	151016	55.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	100	160162	58.9	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	480933	50.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	34130	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	98	489642	49.9	
88 Tetrachloroethene	166	8.454	8.448	0.006	96	32642	8.05	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	392311	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	90	158709	47.1	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	96	200801	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 19:14:33 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D

Injection Date: 22-May-2024 18:37:47 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-11 Lab Sample ID: 460-304107-11

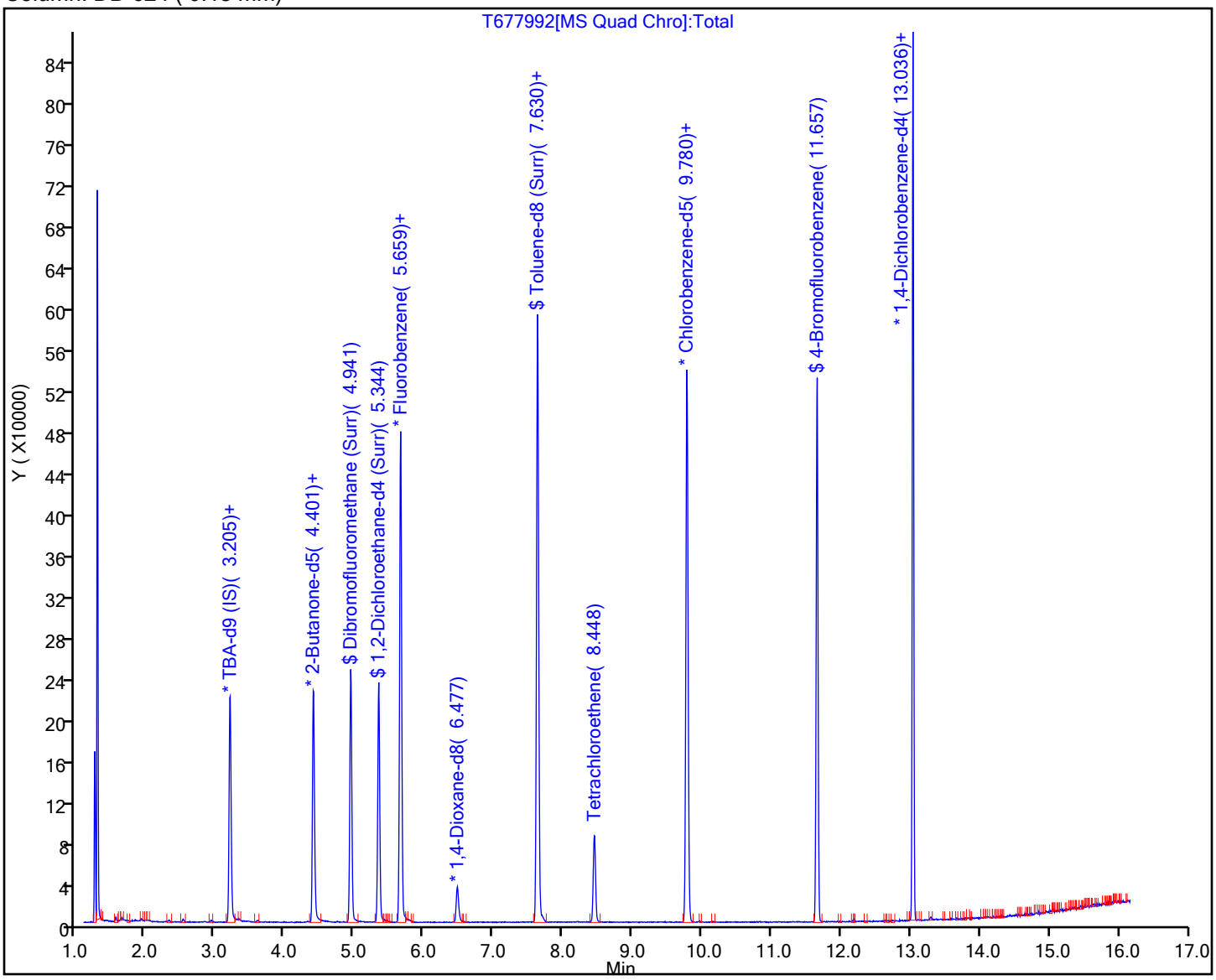
Client ID: A-09

Operator ID: ALS Bottle#: 0 Worklist Smp#: 31

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D
Lims ID: 460-304107-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 22-May-2024 18:37:47 ALS Bottle#: 0 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-11
Misc. Info.: 460-0176219-031
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 19:14:24 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 19:14:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	55.0	110.06
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	58.9	117.75
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.79
$ 105 4-Bromofluorobenzene	50.0	47.1	94.30

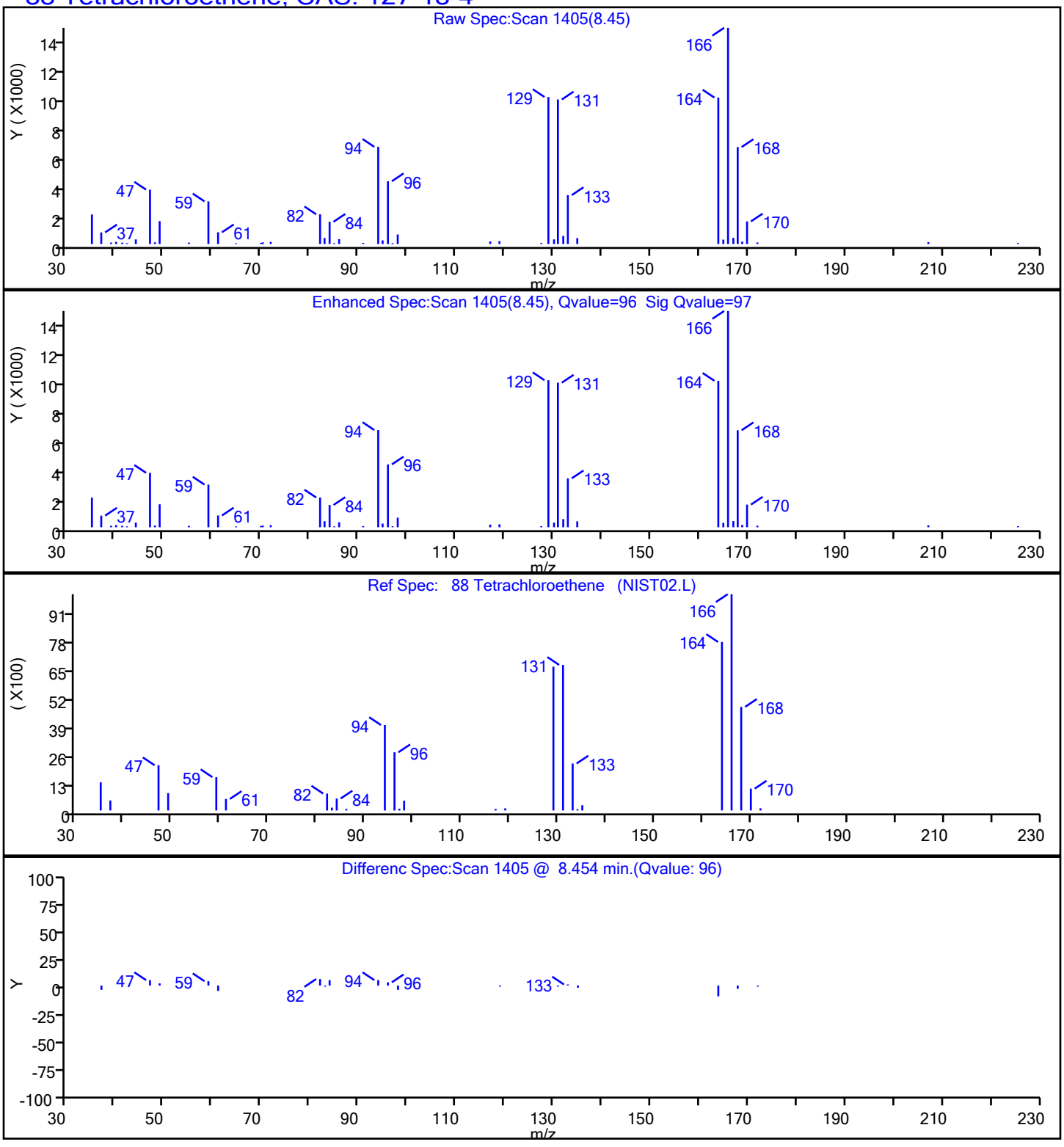
Report Date: 22-May-2024 19:14:33 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D

Injection Date:	22-May-2024 18:37:47	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-11	Lab Sample ID:	460-304107-11		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



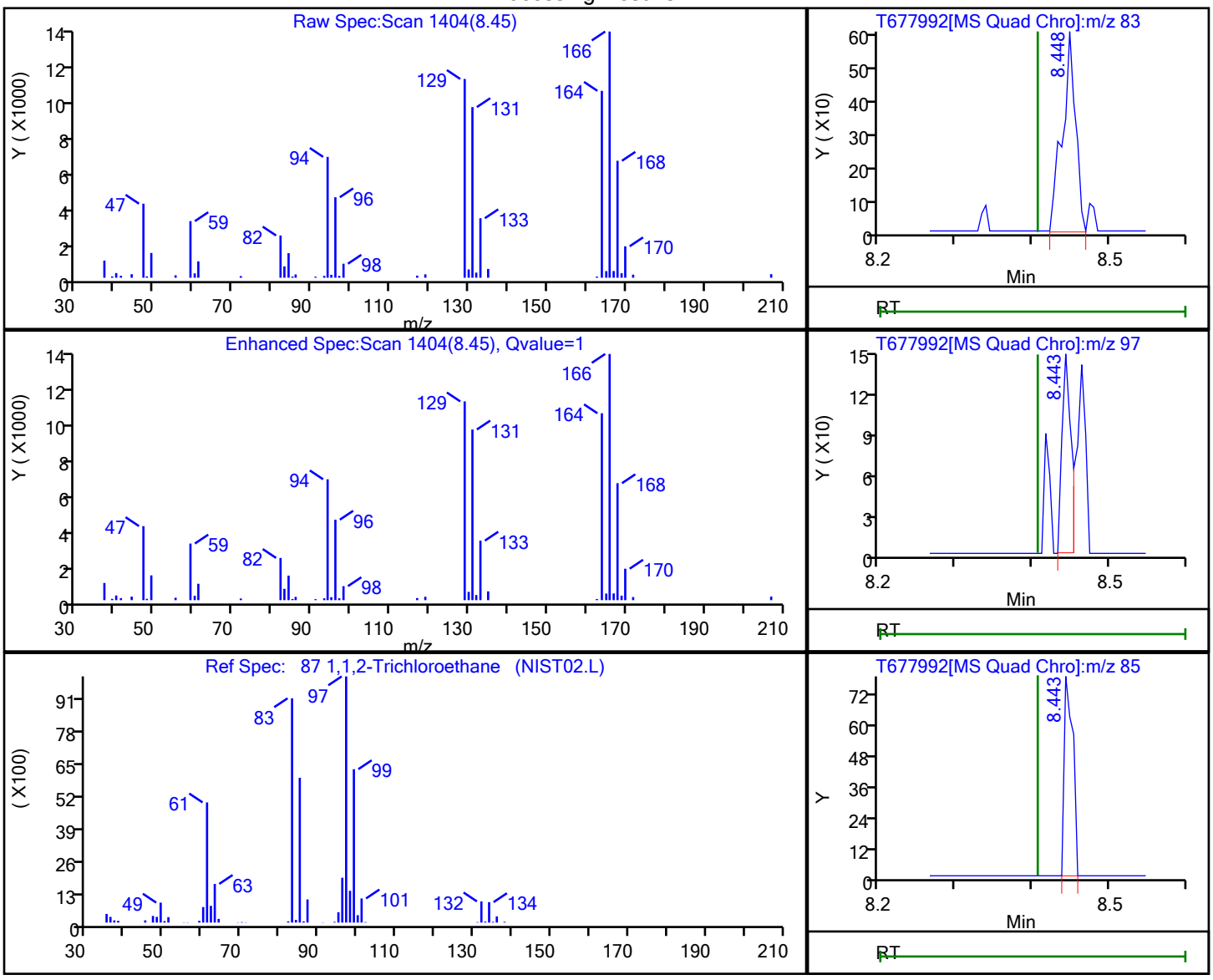
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D				
Injection Date:	22-May-2024 18:37:47	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-11	Lab Sample ID:	460-304107-11		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
8.45	83.00	730	0.261992
8.44	97.00	124	
8.44	85.00	62	

Reviewer: XE5L, 22-May-2024 19:14:20 -04:00:00 (UTC)

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

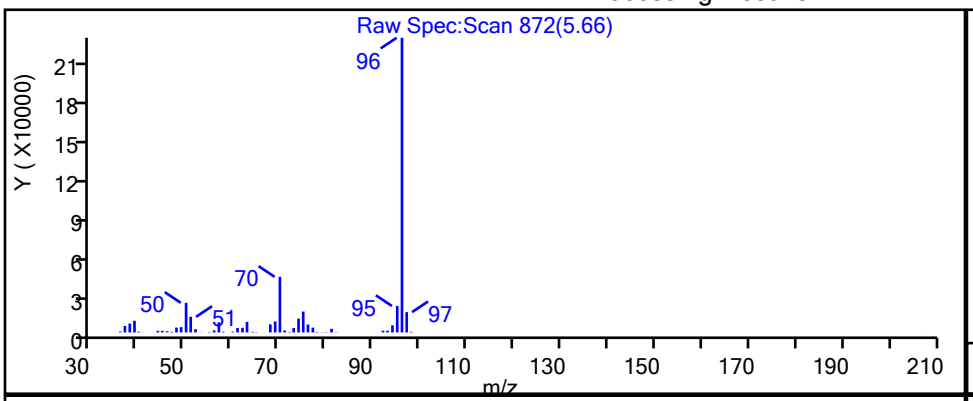
User Disabled Compound Report

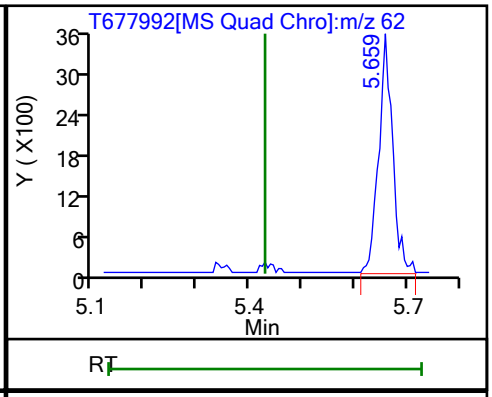
Eurofins Edison

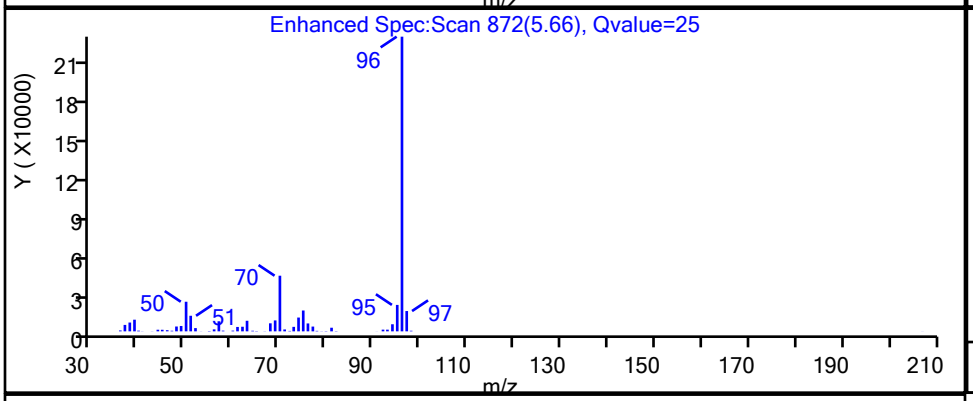
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677992.D				
Injection Date:	22-May-2024 18:37:47	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-11	Lab Sample ID:	460-304107-11		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

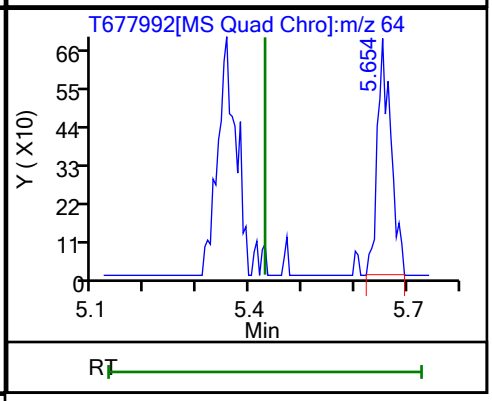
61 1,2-Dichloroethane, CAS: 107-06-2

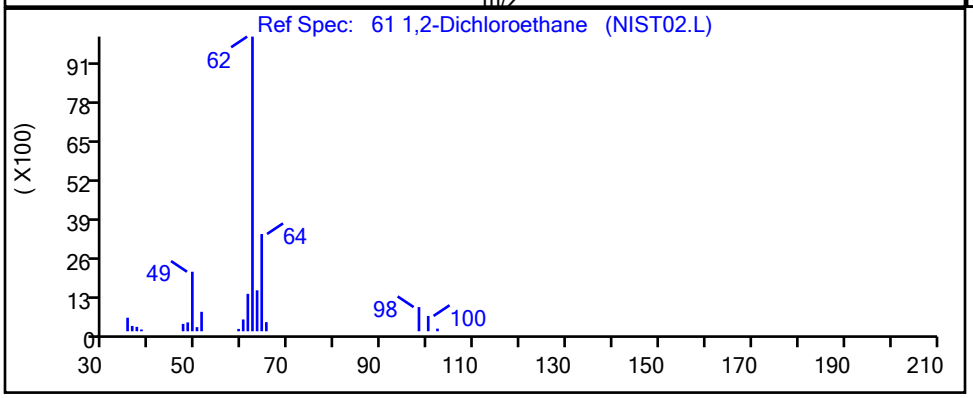
Processing Results











RT	Mass	Response	Amount
5.66	62.00	6615	1.644051
5.65	64.00	1238	

Reviewer: XE5L, 22-May-2024 19:14:16 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-304107-12

Matrix: Water | Lab File ID: T677993.D

Analysis Method: 8260D | Date Collected: 05/15/2024 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 19:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	12		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.49	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-304107-12

Matrix: Water | Lab File ID: T677993.D

Analysis Method: 8260D | Date Collected: 05/15/2024 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 19:00

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D
Lims ID: 460-304107-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 22-May-2024 19:00:28 ALS Bottle#: 0 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-12
Misc. Info.: 460-0176219-032
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 19:27:08 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 19:27:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	96	47099	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	46	287674	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	166856	54.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	99	170656	56.6	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	532688	50.0	
67 Trichloroethene	95	6.073	6.068	0.005	63	2029	0.4894	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	38648	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	98	539734	50.1	
88 Tetrachloroethene	166	8.448	8.448	0.000	94	53372	12.0	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	430600	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	91	177292	48.0	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	96	221547	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 19:27:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D

Injection Date: 22-May-2024 19:00:28 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-12 Lab Sample ID: 460-304107-12

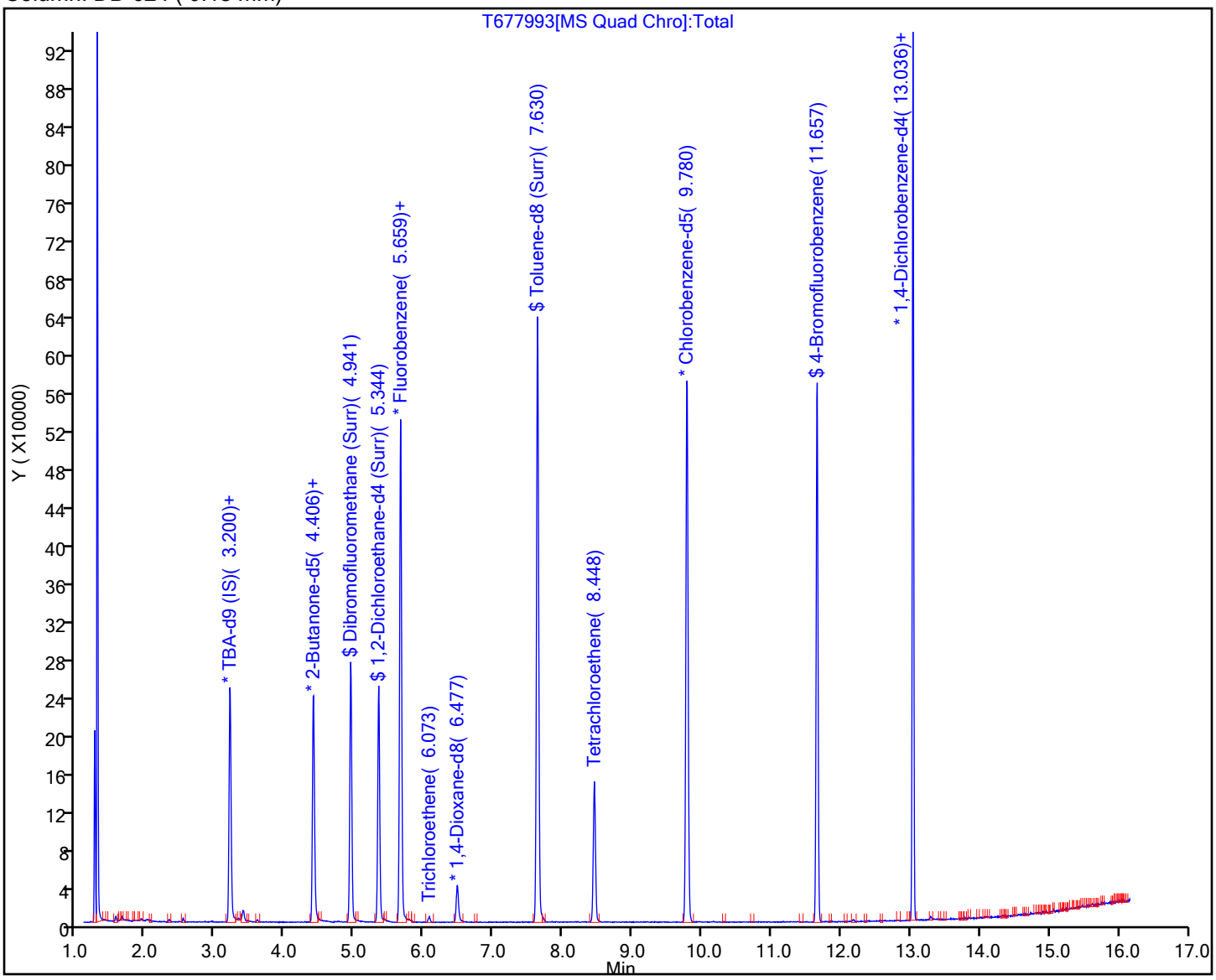
Client ID: A-10

Operator ID: ALS Bottle#: 0 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D				
Lims ID:	460-304107-A-12				
Client ID:	A-10				
Sample Type:	Client				
Inject. Date:	22-May-2024 19:00:28	ALS Bottle#:	0	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-304107-A-12				
Misc. Info.:	460-0176219-032				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	22-May-2024 19:27:08	Calib Date:	21-Apr-2024 15:59:15		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1653				

First Level Reviewer: XE5L Date: 22-May-2024 19:27:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.9	109.79
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.6	113.27
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.22
$ 105 4-Bromofluorobenzene	50.0	48.0	95.97

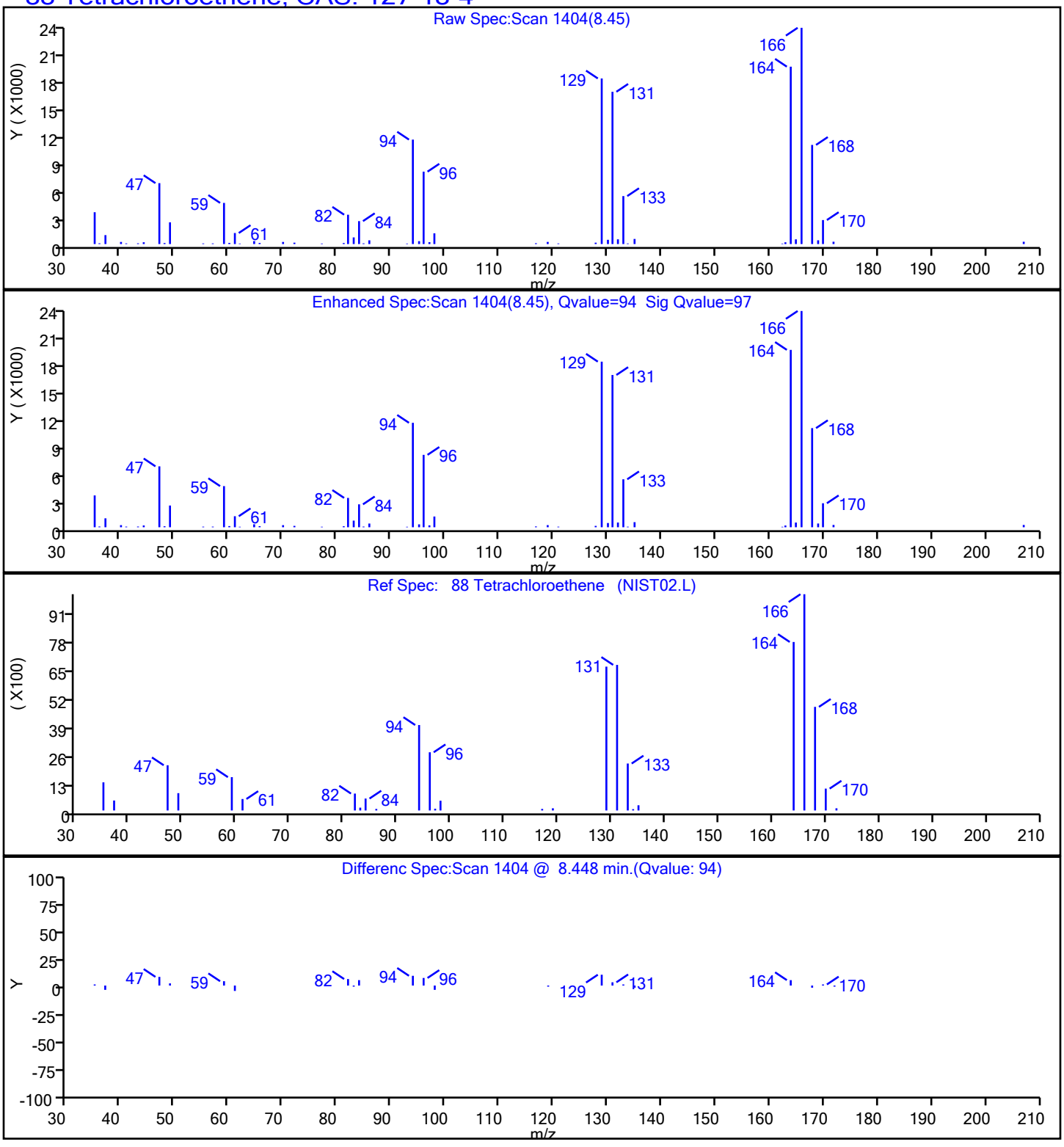
Report Date: 22-May-2024 19:27:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D

Injection Date:	22-May-2024 19:00:28	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-12	Lab Sample ID:	460-304107-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



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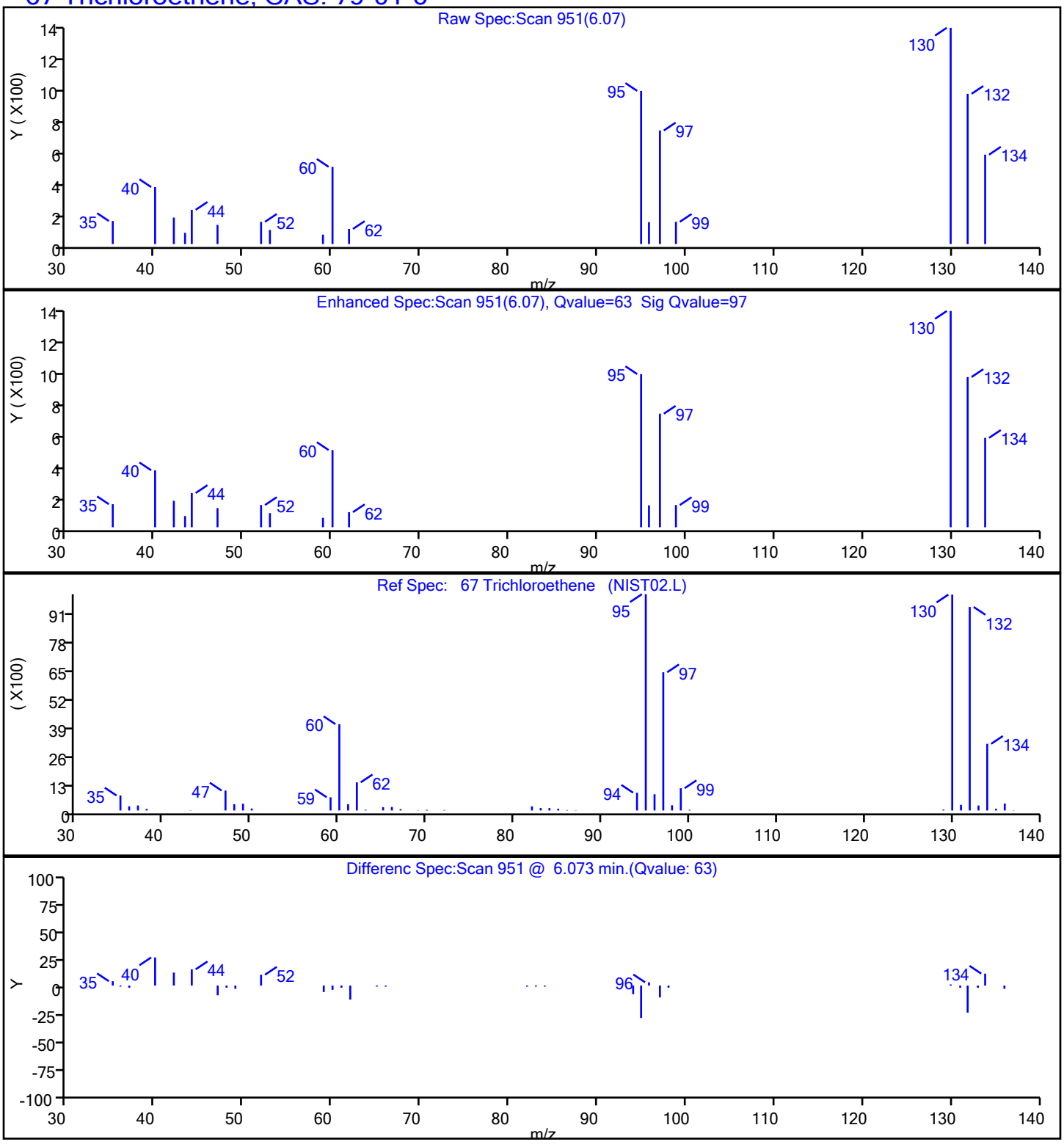
Report Date: 22-May-2024 19:27:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D

Injection Date:	22-May-2024 19:00:28	Instrument ID:	CVOAMS15
Lims ID:	460-304107-A-12	Lab Sample ID:	460-304107-12
Client ID:	A-10		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



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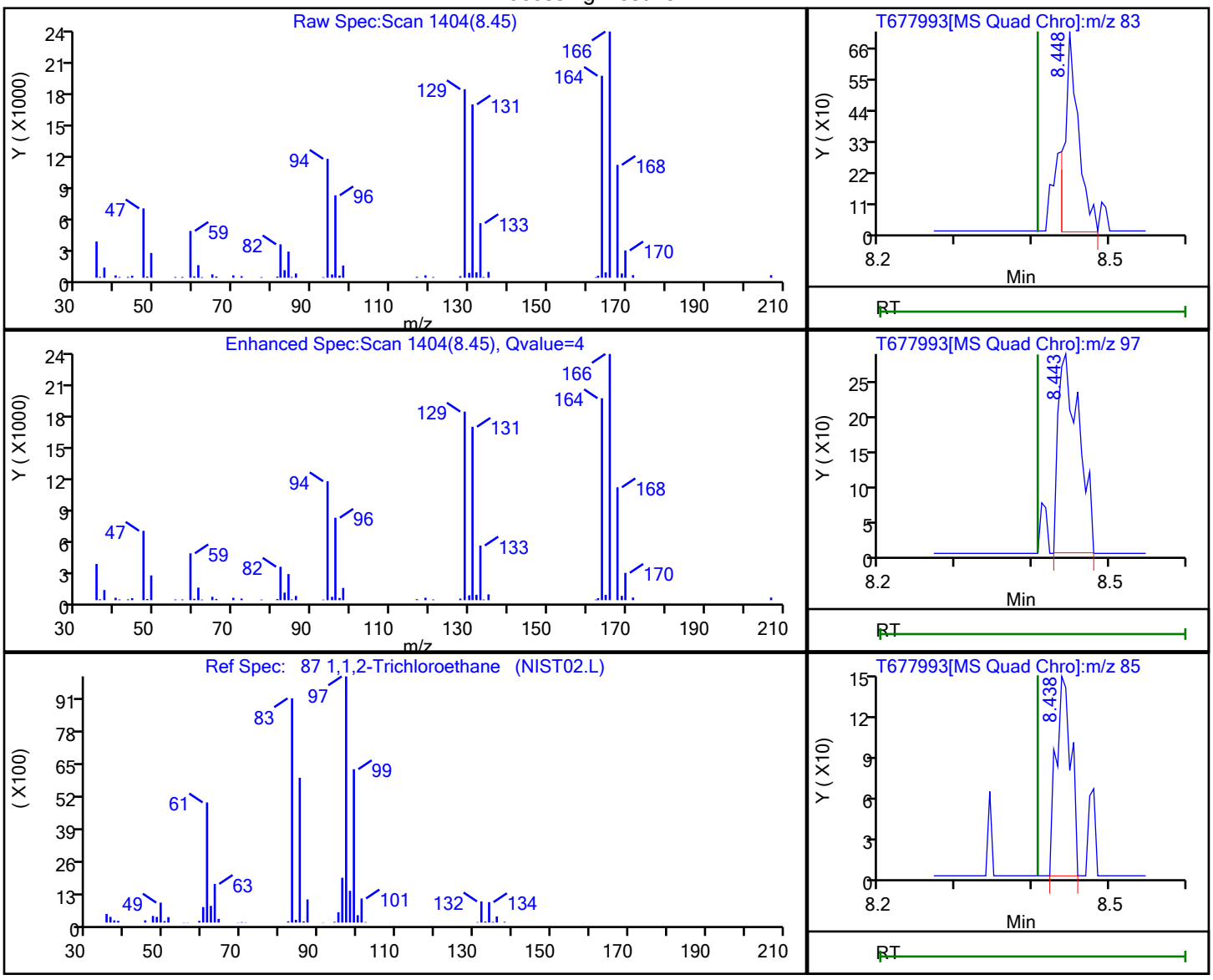
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677993.D				
Injection Date:	22-May-2024 19:00:28	Instrument ID:	CVOAMS15		
Lims ID:	460-304107-A-12	Lab Sample ID:	460-304107-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
8.45	83.00	866	0.283165
8.44	97.00	539	
8.44	85.00	193	

Reviewer: XE5L, 22-May-2024 19:26:59 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: FB0515 | Lab Sample ID: 460-304107-13

Matrix: Water | Lab File ID: TT80714.D

Analysis Method: 8260D | Date Collected: 05/15/2024 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 08:47

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: FB0515 Lab Sample ID: 460-304107-13

Matrix: Water Lab File ID: TT80714.D

Analysis Method: 8260D Date Collected: 05/15/2024 13:30

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 08:47

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80714.D
Lims ID: 460-304107-A-13
Client ID: FB0515
Sample Type: Client
Inject. Date: 23-May-2024 08:47:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-13
Misc. Info.: 460-0176271-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:13:53 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 09:13:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.951	2.963	-0.012	0	19315	1000.0	
* 42 2-Butanone-d5	46	3.975	3.982	-0.007	0	115382	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	124699	51.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.786	-0.006	0	104280	44.5	
* 66 Fluorobenzene	96	5.048	5.055	-0.007	99	500620	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	13079	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	472853	48.4	
* 94 Chlorobenzene-d5	117	8.456	8.462	-0.006	84	365720	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	160517	53.3	
* 121 1,4-Dichlorobenzene-d4	152	11.066	11.066	0.000	94	206861	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 23-May-2024 09:14:01 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80714.D

Injection Date: 23-May-2024 08:47:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-A-13 Lab Sample ID: 460-304107-13

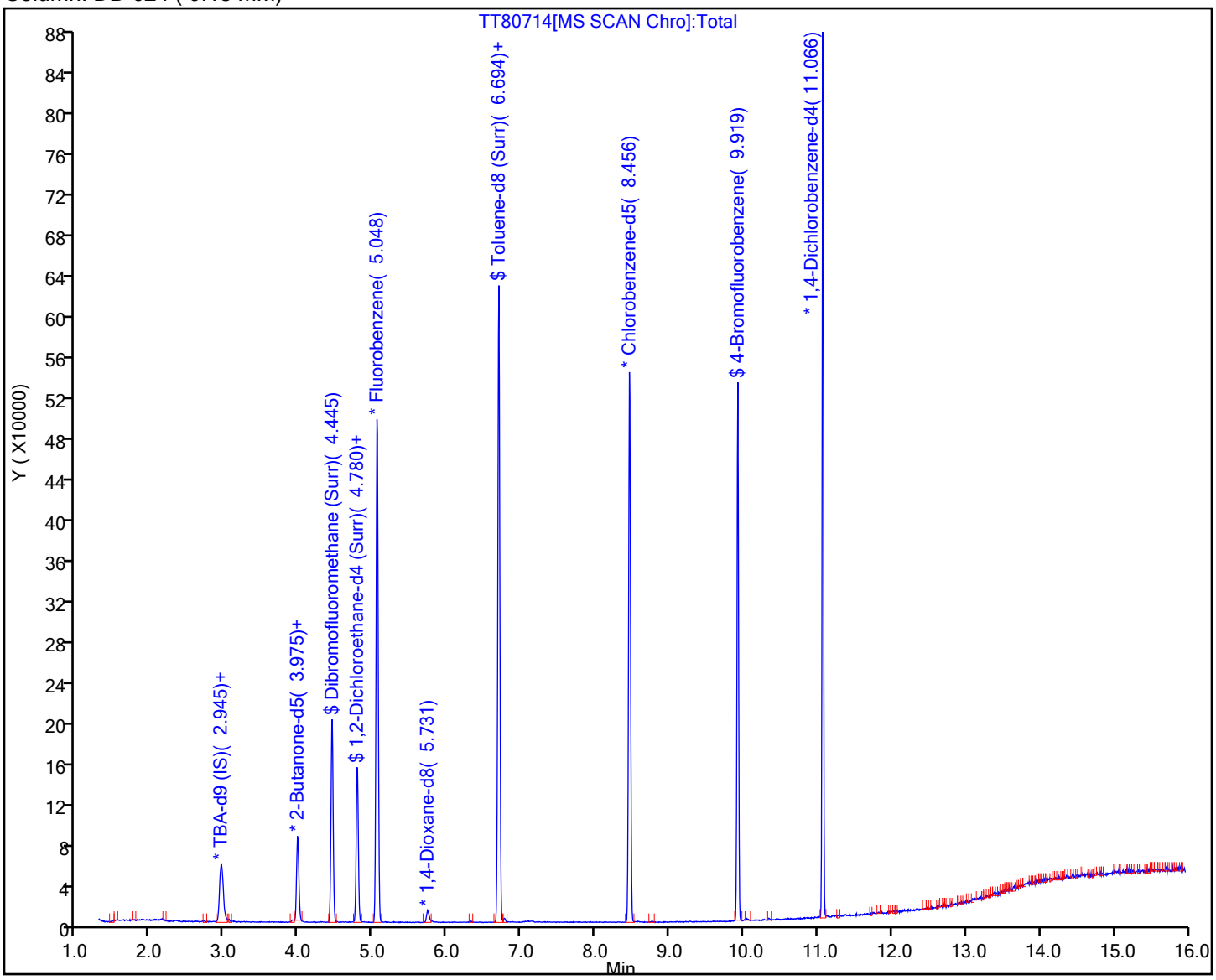
Client ID: FB0515

Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80714.D
Lims ID: 460-304107-A-13
Client ID: FB0515
Sample Type: Client
Inject. Date: 23-May-2024 08:47:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-13
Misc. Info.: 460-0176271-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:13:53 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 09:13:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.2	102.34
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.5	89.05
$ 83 Toluene-d8 (Surr)	50.0	48.4	96.87
$ 105 4-Bromofluorobenzene	50.0	53.3	106.53

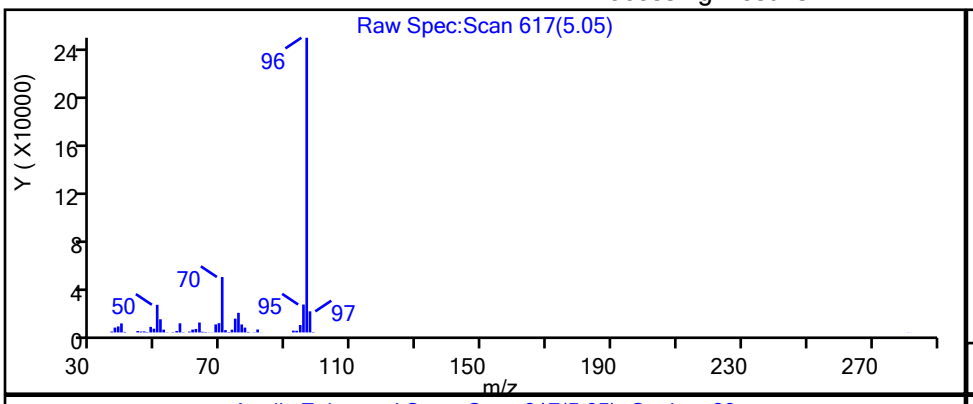
User Disabled Compound Report

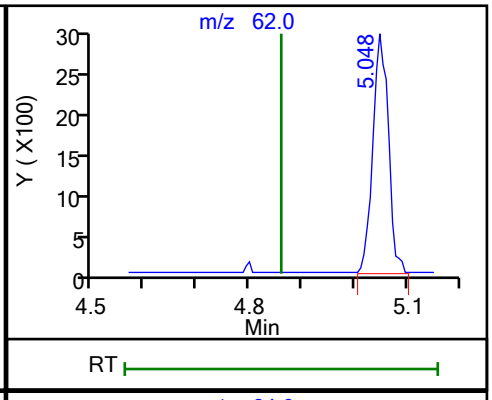
Eurofins Edison

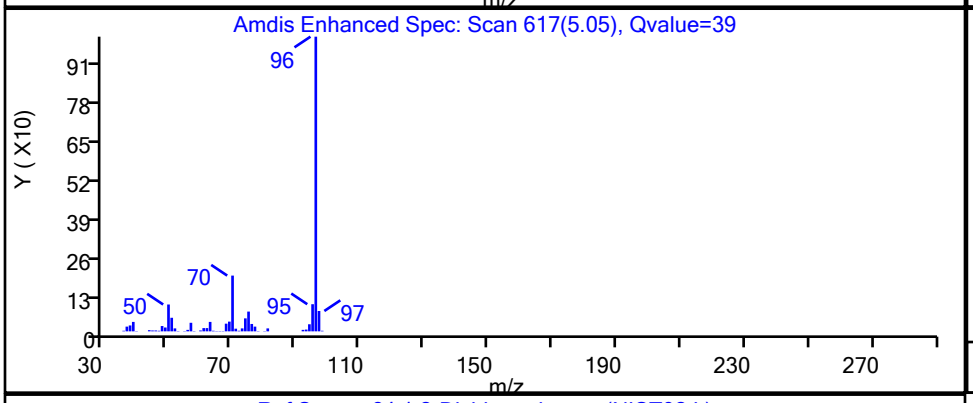
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80714.D				
Injection Date:	23-May-2024 08:47:30	Instrument ID:	CVOAMS17		
Lims ID:	460-304107-A-13	Lab Sample ID:	460-304107-13		
Client ID:	FB0515				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

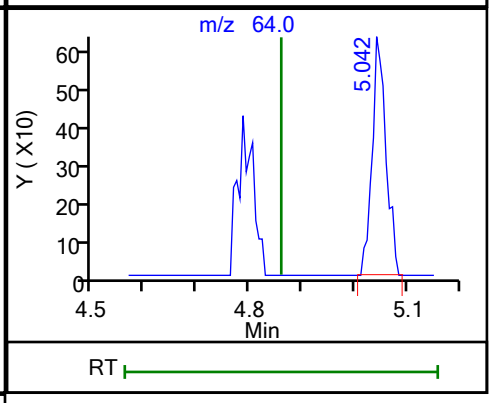
64 1,2-Dichloroethane, CAS: 107-06-2

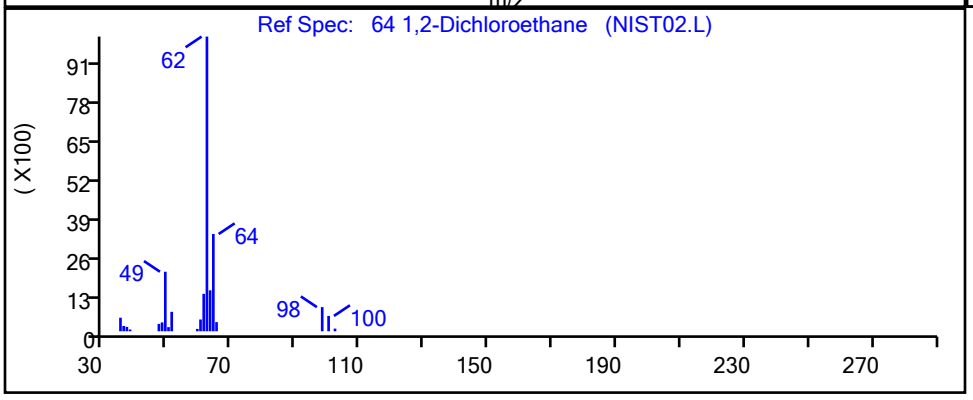
Processing Results











RT	Mass	Response	Amount
5.05	62.00	5994	2.117808
5.04	64.00	1174	

Reviewer: FK2C, 23-May-2024 09:13:34 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-304107-14

Matrix: Water | Lab File ID: TT80715.D

Analysis Method: 8260D | Date Collected: 05/15/2024 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 09:07

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-304107-14

Matrix: Water Lab File ID: TT80715.D

Analysis Method: 8260D Date Collected: 05/15/2024 13:35

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 09:07

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80715.D
Lims ID: 460-304107-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 23-May-2024 09:07:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-14
Misc. Info.: 460-0176271-012
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:17:00 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: XE5L Date: 23-May-2024 12:19:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.957	2.963	-0.006	0	18376	1000.0	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	125444	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	99	135767	51.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	116800	45.6	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	547057	50.0	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	12740	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	518649	49.5	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	84	392628	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	172090	53.2	
* 121 1,4-Dichlorobenzene-d4	152	11.066	11.066	0.000	94	221916	50.0	

Reagents:

VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 23-May-2024 12:19:06 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80715.D

Injection Date: 23-May-2024 09:07:30 Instrument ID: CVOAMS17

Lims ID: 460-304107-A-14 Lab Sample ID: 460-304107-14

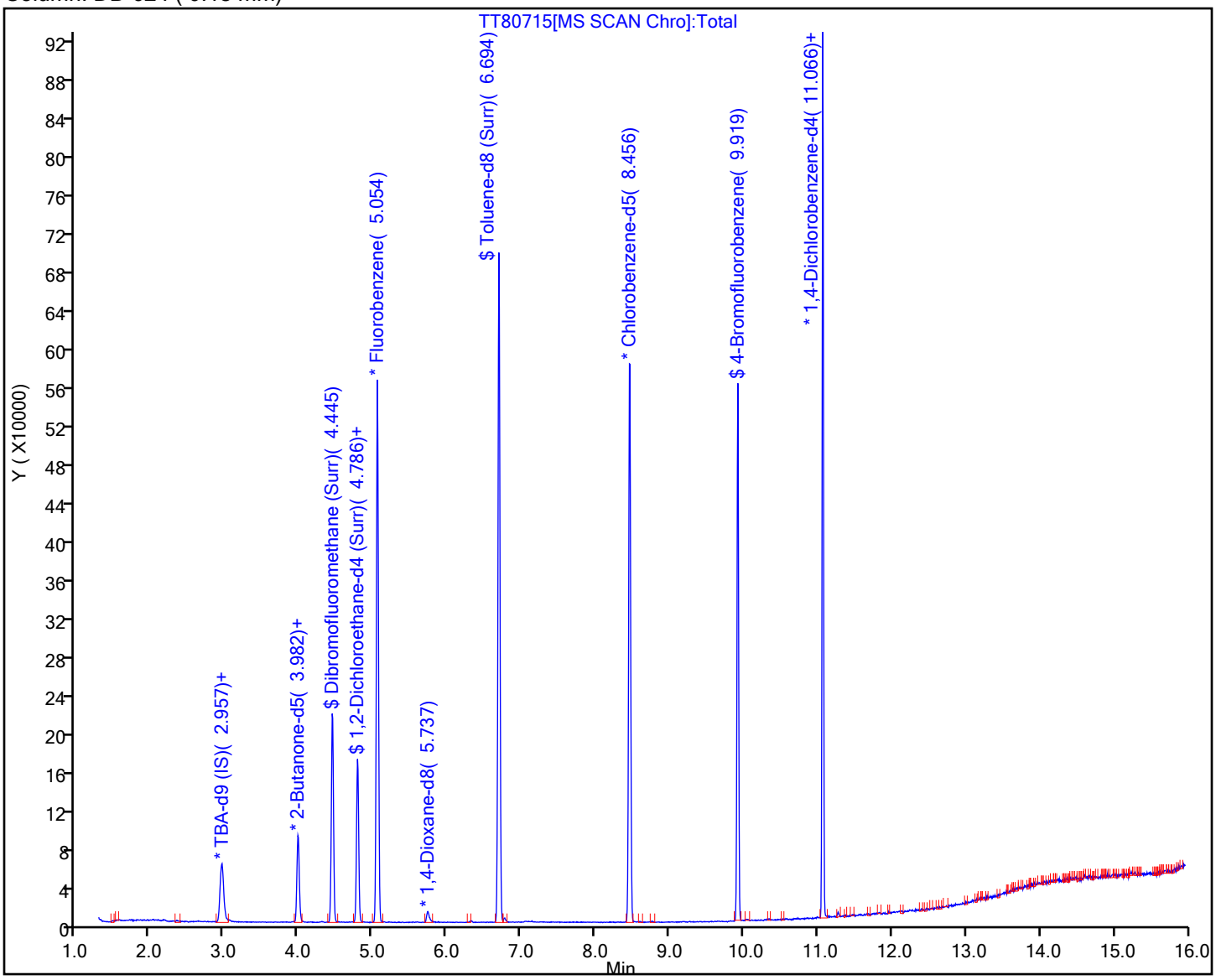
Client ID: Trip Blank

Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80715.D
Lims ID: 460-304107-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 23-May-2024 09:07:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-14
Misc. Info.: 460-0176271-012
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:17:00 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: XE5L Date: 23-May-2024 12:19:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.0	101.97
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.6	91.28
$ 83 Toluene-d8 (Surr)	50.0	49.5	98.98
$ 105 4-Bromofluorobenzene	50.0	53.2	106.38

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-970718/3	T676824.D
Level 2	STD05 460-970718/18	T676840.D
Level 3	STD1 460-970718/23	T676839.D
Level 4	STD5 460-970718/6	T676827.D
Level 5	STD20 460-970718/7	T676828.D
Level 6	STD50 460-970718/8	T676829.D
Level 7	STD200 460-970718/9	T676830.D
Level 8	STD500 460-970718/10	T676831.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0846	0.0636 0.0719	0.0697 0.0665	0.0688	0.0759	Ave		0.0716				9.7		20.0			
Dichlorodifluoromethane	+++++ 0.4373	0.3977 0.4865	0.4066 0.4195	0.4443	0.4511	Ave		0.4347			0.1000	6.9		20.0			
Chlorodifluoromethane	+++++ 0.0601	0.0726 0.0547	0.0677 0.0550	0.0662	0.0576	Ave		0.0620				11.1		20.0			
Chloromethane	+++++ 0.4066	0.5053 0.4624	0.4871 0.4725	0.3966	0.3779	Ave		0.4441			0.1000	11.2		20.0			
Vinyl chloride	+++++ 0.3836	0.4289 0.3938	0.4688 0.3859	0.4005	0.3839	Ave		0.4065			0.1000	7.8		20.0			
Butadiene	0.3041 0.3157	0.3621 0.3169	0.3262 0.2907	0.3287	0.3260	Ave		0.3213				6.5		20.0			
Bromomethane	+++++ 0.0688	0.1679 0.1418	0.1050 0.1122	0.0659	0.0672	QuaF		0.1472	-0.000069		0.1000				0.9930		0.9900
Chloroethane	+++++ 2.0968	2.3357 2.4146	2.9209 2.0491	2.0777	2.2000	Ave		2.2993			0.1000	13.3		20.0			
Dichlorofluoromethane	+++++ 0.6935	0.7208 0.7110	0.7906 0.6511	0.7223	0.6939	Ave		0.7119				5.9		20.0			
Trichlorofluoromethane	+++++ 0.5485	0.5056 0.5842	0.5606 0.5213	0.5506	0.5472	Ave		0.5454			0.1000	4.7		20.0			
Pentane	+++++ 0.0608	0.0769 0.0584	0.0600 0.0491	0.0592	0.0569	Ave		0.0602				13.9		20.0			
Ethanol	+++++ 0.4297	0.5398 0.4011	0.3481 0.3879	0.4744	0.3962	Ave		0.4253				15.0		20.0			
Ethyl ether	+++++ 0.2741	0.5983 0.2516	0.4488 0.2321	0.3045	0.2698	Qua2	0.1665	0.2709	-0.000081						0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2852	0.2648 0.2588	0.2741 0.2267	0.2890	0.2790	Ave		0.2682				7.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2897	0.2409 0.2609	0.3219 0.2402	0.3106	0.2825	Ave		0.2781				11.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4877	0.4801 0.4412	0.4917 0.4091	0.5181	0.4891	Ave		0.4739				7.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3366	0.2934 0.3210	0.2855 0.2694	0.3361	0.3232	Ave		0.3093			0.1000	8.6		20.0			
Acrolein	+++++ 0.0655	0.0858 0.0615	0.0667 0.0600	0.0585	0.0589	Ave		0.0653				14.7		20.0			
1,1-Dichloroethene	+++++ 0.3320	0.3421 0.3042	0.3805 0.2779	0.3434	0.3126	Ave		0.3275			0.1000	10.1		20.0			
Acetone	+++++ 0.7108	1.1250 0.9058	0.9322 0.9115	0.7162	0.6823	Ave		0.8548			0.0500	18.8		20.0			
Iodomethane	+++++ 0.4170	0.3043 0.3826	0.2685 0.3068	0.2997	0.3861	Ave		0.3379				16.6		20.0			
Isopropyl alcohol	+++++ 4.7842	6.1860 4.4783	5.9825 4.4555	5.2215	4.8054	Ave		5.1305				13.7		20.0			
Carbon disulfide	+++++ 1.1701	1.2222 0.9904	1.4061 0.9018	1.2179	1.1248	Ave		1.1476			0.1000	14.4		20.0			
3-Chloro-1-propene	+++++ 0.2223	0.2390 0.1761	0.2633 0.1443	0.2349	0.2187	Ave		0.2141				19.0		20.0			
Methyl acetate	+++++ 0.2303	0.2547 0.1920	0.2605 0.1907	0.2630	0.2257	Ave		0.2310			0.1000	13.3		20.0			
Cyclopentene	+++++ 0.6838	0.6294 0.6074	0.7187 0.5477	0.7209	0.6754	Ave		0.6548				9.7		20.0			
Acetonitrile	+++++ 0.3386	0.3246 0.3121	0.3713 0.3012	0.3750	0.3520	Ave		0.3393				8.4		20.0			
Methylene Chloride	+++++ 0.3807	0.4588 0.3442	0.4801 0.3280	0.4108	0.3828	Ave		0.3979			0.1000	14.1		20.0			
2-Methyl-2-propanol	+++++ 7.4202	8.4144 7.3094	8.0005 7.0519	7.6702	7.1662	Ave		7.5761				6.4		20.0			
Methyl tert-butyl ether	+++++ 0.9094	0.7844 0.8214	0.9743 0.8003	0.9291	0.9057	Ave		0.8750			0.1000	8.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3743	0.4455 0.3454	0.4438 0.3272	0.3799	0.3592	Ave		0.3822			0.1000	12.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1323 0.1241	0.1292 0.1042	0.1331 0.0988	0.1422	0.1238	Ave		0.1235				12.0		20.0			
Hexane	+++++ 0.4355	0.6045 0.3874	0.4445 0.3171	0.4360	0.4350	Ave		0.4371				19.8		20.0			
Isopropyl ether	+++++ 1.0311	0.9529 0.9316	1.0985 0.9005	1.0666	1.0395	Ave		1.0030				7.4		20.0			
1,1-Dichloroethane	+++++ 0.6053	0.6395 0.5603	0.7291 0.5256	0.6618	0.6270	Ave		0.6212			0.2000	10.7		20.0			
Vinyl acetate	+++++ 0.6293	0.4963 0.6438	0.5701 0.6287	0.4690	0.6695	Ave		0.5867				13.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3014	0.3184 0.2692	0.3754 0.2607	0.3414	0.3056	Ave		0.3103				12.8		20.0			
Tert-butyl ethyl ether	+++++ 0.9312	0.8588 0.8690	1.0153 0.8549	0.9802	0.9372	Ave		0.9210				6.8		20.0			
2,2-Dichloropropane	+++++ 0.1319	0.1499 0.1249	0.1662 0.1202	0.1280	0.1288	Ave		0.1357				12.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.4061	0.4382 0.3797	0.5081 0.3655	0.4161	0.4017	Ave		0.4165			0.1000	11.2		20.0			
Methyl Ethyl Ketone	+++++ 0.3326	0.3465 0.3469	0.3610 0.3555	0.3301	0.3221	Ave		0.3421			0.0500	4.2		20.0			
Ethyl acetate	+++++ 0.3137	0.2579 0.3193	0.3136 0.3286	0.3133	0.3142	Ave		0.3086				7.5		20.0			
Methyl acrylate	+++++ 0.2824	0.3546 0.2528	0.3116 0.2531	0.3228	0.2923	Ave		0.2957				12.6		20.0			
Propionitrile	+++++ 0.0465	0.0501 0.0381	0.0531 0.0383	0.0529	0.0460	Ave		0.0464				13.5		20.0			
Tetrahydrofuran	+++++ 0.3248	0.3560 0.3363	0.4440 0.3530	0.3669	0.3385	Ave		0.3599				11.0		20.0			
Chlorobromomethane	+++++ 0.1929	0.1905 0.1724	0.2318 0.1684	0.2052	0.1980	Ave		0.1942				10.9		20.0			
Methacrylonitrile	+++++ 0.1304	0.1396 0.1113	0.1479 0.1026	0.1537	0.1386	Ave		0.1320				14.2		20.0			
Chloroform	+++++ 0.5716	0.6395 0.5342	0.7288 0.5083	0.6651	0.6064	Ave		0.6077			0.2000	12.7		20.0			
Cyclohexane	+++++ 0.4776	0.5012 0.4463	0.4448 0.3958	0.5163	0.4837	Ave		0.4665			0.1000	8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.5144	0.5603 0.4997	0.6172 0.4882	0.5375	0.5131	Ave		0.5329			0.1000	8.3		20.0			
Carbon tetrachloride	+++++ 0.4876	0.4952 0.4903	0.5533 0.4782	0.5028	0.4734	Ave		0.4973			0.1000	5.4		20.0			
1,1-Dichloropropene	+++++ 0.4799	0.5069 0.4732	0.5580 0.4554	0.5147	0.4762	Ave		0.4949				7.0		20.0			
Isobutyl alcohol	+++++ 4.9769	4.5586 5.5250	5.0524 5.1482	4.4881	4.9409	Ave		4.9557				7.1		20.0			
Isooctane	+++++ 0.7740	0.6840 0.7476	0.6756 0.6326	0.7831	0.7553	Ave		0.7217				8.0		20.0			
Benzene	+++++ 1.7045	1.6520 1.6112	2.0288 1.5269	1.8951	1.7674	Ave		1.7408			0.5000	9.9		20.0			
Tert-amyl methyl ether	+++++ 0.8824	0.8185 0.8285	0.9913 0.8047	0.9322	0.9029	Ave		0.8801				7.7		20.0			
Isopropyl acetate	+++++ 0.1656	0.2135 0.1490	0.2167 0.1448	0.1738	0.1714	Ave		0.1764				16.2		20.0			
1,2-Dichloroethane	+++++ 0.3945	0.4870 0.3791	0.4672 0.3712	0.4309	0.3982	Ave		0.4183			0.1000	10.7		20.0			
n-Heptane	+++++ 0.3308	0.2726 0.3142	0.2944 0.2603	0.3111	0.3219	Ave		0.3007				8.7		20.0			
n-Butanol	+++++ 2.0692	2.5354 2.0511	2.2518 2.1699	2.1155	1.8807	Ave		2.1534				9.5		20.0			
Trichloroethene	+++++ 0.3833	0.3811 0.3779	0.4290 0.3617	0.4203	0.3708	Ave		0.3892			0.2000	6.5		20.0			
Methylcyclohexane	+++++ 0.5155	0.4604 0.5062	0.4101 0.4318	0.5065	0.4926	Ave		0.4747			0.1000	8.7		20.0			
Ethyl acrylate	+++++ 0.7759	0.7284 0.7340	0.7639 0.6647	0.7901	0.7504	Ave		0.7439				5.5		20.0			
1,2-Dichloropropane	+++++ 0.3700	0.4066 0.3484	0.4218 0.3275	0.3835	0.3637	Ave		0.3745			0.1000	8.7		20.0			
Methyl methacrylate	+++++ 0.0868	0.0922 0.0798	0.0891 0.0798	0.0944	0.0840	Ave		0.0866				6.6		20.0			
1,4-Dioxane	+++++ 1.1590	1.3215 0.8670	0.9755 1.0955	1.2746	1.0861	Ave		1.1113				14.3		20.0			
Dibromomethane	+++++ 0.2322	0.2582 0.2134	0.2872 0.1969	0.2547	0.2423	Ave		0.2407				12.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.4416	0.4509 0.3798	0.4465 0.3770	0.4501	0.4158	Ave		0.4231				7.7		20.0			
Bromodichloromethane	+++++ 0.4794	0.4704 0.4694	0.5200 0.4633	0.5068	0.4714	Ave		0.4830			0.2000	4.5		20.0			
2-Nitropropane	+++++ 0.0762	0.1306 0.0729	0.1035 0.0744	0.0821	0.0724	Lin2	0.0571	0.0741							0.9990		0.9900
2-Chloroethyl vinyl ether	+++++ 0.0276	+++++ 0.0180	0.0236 0.0212	0.0304	0.0269	Ave		0.0246				18.6		20.0			
Epichlorohydrin	0.3087 0.2339	0.2194 0.2072	0.2390 0.1931	0.2442	0.2279	Ave		0.2342				14.8		20.0			
cis-1,3-Dichloropropene	+++++ 0.7785	0.8096 0.7522	0.8180 0.7288	0.7698	0.7821	Ave		0.7770			0.2000	4.0		20.0			
methyl isobutyl ketone	+++++ 2.3420	2.2070 2.3896	2.5501 2.3412	2.3604	2.3820	Ave		2.3675			0.0500	4.3		20.0			
Toluene	+++++ 1.8175	2.0357 1.7437	2.2285 1.6691	1.9663	1.8568	Ave		1.9025			0.4000	10.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.6581	0.6978 0.6617	0.7658 0.6445	0.6990	0.6818	Ave		0.6869			0.1000	5.9		20.0			
Ethyl methacrylate	+++++ 0.5330	0.5283 0.5047	0.5884 0.4979	0.5678	0.5510	Ave		0.5387				6.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3453	0.3676 0.3376	0.3762 0.3272	0.3765	0.3554	Ave		0.3551			0.1000	5.4		20.0			
Tetrachloroethene	+++++ 0.5062	0.4938 0.5207	0.5715 0.5052	0.5206	0.4993	Ave		0.5168			0.2000	5.1		20.0			
1,3-Dichloropropane	+++++ 0.6691	0.6647 0.6559	0.7703 0.6392	0.7028	0.6936	Ave		0.6851				6.3		20.0			
2-Hexanone	+++++ 1.6160	1.8870 1.6867	1.9616 1.7059	1.6832	1.6280	Ave		1.7383			0.0500	7.6		20.0			
n-Butyl acetate	+++++ 0.5671	0.7545 0.5175	0.6615 0.5153	0.6401	0.5812	Ave		0.6053				14.2		20.0			
Dibromochloromethane	+++++ 0.4972	0.4828 0.4922	0.5724 0.4907	0.5138	0.5011	Ave		0.5072			0.1000	6.0		20.0			
Ethylene Dibromide	+++++ 0.4304	0.4455 0.4240	0.5035 0.4190	0.4604	0.4419	Ave		0.4464			0.1000	6.5		20.0			
Chlorobenzene	+++++ 1.2020	1.3166 1.1763	1.4413 1.1470	1.2664	1.2235	Ave		1.2533			0.5000	8.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6308	0.7230 0.6145	0.7574 0.6069	0.6695	0.6449	Ave		0.6639			0.1000	8.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4494	0.4623 0.4393	0.4928 0.4332	0.4612	0.4476	Ave		0.4551				4.3		20.0			
m-Xylene & p-Xylene	+++++ 0.7666	0.7953 0.7460	0.9410 0.7382	0.8254	0.7882	Ave		0.8001			0.1000	8.6		20.0			
o-Xylene	+++++ 0.7414	0.7778 0.7118	0.8826 0.6863	0.7924	0.7645	Ave		0.7653			0.3000	8.3		20.0			
n-Butyl acrylate	+++++ 0.3128	0.3417 0.2775	0.3719 0.2688	0.3534	0.3344	Ave		0.3229				11.9		20.0			
Styrene	+++++ 1.2290	1.2860 1.1169	1.3651 1.0842	1.3278	1.2880	Ave		1.2424			0.3000	8.5		20.0			
Bromoform	+++++ 0.3407	0.3795 0.3326	0.4067 0.3473	0.3572	0.3410	Ave		0.3578			0.1000	7.4		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2744	1.2365 1.1928	1.5397 1.1713	1.3481	1.3587	Ave		1.3031				9.7		20.0			
Isopropylbenzene	+++++ 1.6813	1.9162 1.5817	2.0908 1.5773	1.8382	1.7294	Ave		1.7736			0.1000	10.6		20.0			
Bromobenzene	+++++ 1.0335	0.9170 1.0387	1.0671 1.0177	1.0141	0.9947	Ave		1.0118				4.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0041	1.0335 0.9418	1.1788 0.9119	1.0442	1.0195	Ave		1.0191			0.3000	8.4		20.0			
N-Propylbenzene	+++++ 4.4577	4.5806 4.2552	5.0147 3.9222	4.5923	4.4831	Ave		4.4723				7.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2901	0.3779 0.2750	0.3167 0.2700	0.3096	0.2919	Ave		0.3044				12.0		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2668	0.2397 0.2536	0.3015 0.2586	0.2746	0.2736	Ave		0.2669				7.3		20.0			
2-Chlorotoluene	+++++ 2.9560	3.2608 2.8530	3.5764 2.7197	3.1144	3.0131	Ave		3.0705				9.2		20.0			
4-Ethyltoluene	+++++ 3.5475	3.6029 3.3991	4.1245 3.2004	3.6293	3.5968	Ave		3.5858				7.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.8302	3.2522 2.7805	3.2260 2.6156	2.9339	2.8473	Ave		2.9265				8.0		20.0			
4-Chlorotoluene	+++++ 2.8506	3.5259 2.7988	3.4247 2.6453	3.0333	2.9659	Ave		3.0349				10.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.0361	0.9931 0.9889	1.1766 0.9518	1.0657	1.0899	Ave		1.0432				7.3		20.0			
tert-Butylbenzene	+++++ 2.4290	2.6714 2.3635	2.8000 2.2376	2.6007	2.4011	Ave		2.5005				7.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8570	3.1942 2.7950	3.3708 2.6265	2.9664	2.9272	Ave		2.9625				8.4		20.0			
sec-Butylbenzene	+++++ 3.4288	3.7683 3.3368	4.1974 3.0692	3.6188	3.4794	Ave		3.5569				10.1		20.0			
1,3-Dichlorobenzene	+++++ 1.6821	1.9940 1.6928	1.9211 1.6154	1.6587	1.6593	Ave		1.7462			0.6000	8.5		20.0			
4-Isopropyltoluene	+++++ 2.8545	3.5304 2.8221	3.2967 2.6087	3.0618	2.9161	Ave		3.0129				10.4		20.0			
1,4-Dichlorobenzene	+++++ 1.6452	2.0810 1.6756	2.1088 1.6051	1.6852	1.6657	Ave		1.7810			0.5000	12.1		20.0			
1,2,3-Trimethylbenzene	+++++ 2.8012	3.2776 2.7538	3.3567 2.5975	2.9884	2.9211	Ave		2.9566				9.4		20.0			
Benzyl chloride	+++++ 1.8524	1.7421 1.7923	1.8799 1.7589	1.6404	1.8847	Ave		1.7930				4.9		20.0			
Indan	+++++ 2.6801	2.9572 2.6244	3.3050 2.4467	2.8008	2.7387	Ave		2.7933				9.8		20.0			
p-Diethylbenzene	+++++ 1.6346	1.9238 1.6090	1.9843 1.5214	1.6985	1.6512	Ave		1.7175				10.0		20.0			
n-Butylbenzene	+++++ 1.3459	1.7946 1.3264	1.7451 1.2295	1.4117	1.3937	Ave		1.4638				14.9		20.0			
1,2-Dichlorobenzene	+++++ 1.4210	1.6279 1.4615	1.8755 1.3952	1.4962	1.4722	Ave		1.5356			0.4000	10.9		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3388	2.8154 2.3345	2.6363 2.2375	2.3158	2.2869	Ave		2.4236				8.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2066	0.2496 0.1971	0.2592 0.2046	0.2240	0.2019	Ave		0.2205			0.0500	11.3		20.0			
1,3,5-Trichlorobenzene	+++++ 0.9723	1.2768 0.9790	1.1722 0.9782	0.8965	0.9246	Ave		1.0285				13.7		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8004	1.1834 0.8328	0.9812 0.8356	0.7649	0.7429	Ave		0.8773			0.2000	17.7		20.0			
Hexachlorobutadiene	+++++ 0.3956	1.1368 0.4215	0.8274 0.3925	0.3671	0.3657	QuaF		0.4336	-0.000082						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 Calibration End Date: 04/21/2024 15:59 Calibration ID: 96739

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.8699	3.1045 1.8753	2.4924 1.9140	1.8126	1.7250	Lin2	0.6484	1.8099							0.9970		0.9900
1,2,3-Trichlorobenzene	+++++ 0.6203	0.9777 0.6370	0.8600 0.6508	0.5897	0.5832	Lin2	0.1929	0.6124							0.9940		0.9900
Dibromofluoromethane (Surr)	0.3021 0.2796	0.2957 0.2687	0.2969 0.2679	0.2846	0.2872	Ave		0.2853				4.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2716 0.2818	0.2932 0.2779	0.2895 0.2829	0.2844	0.2812	Ave		0.2828				2.3		20.0			
Toluene-d8 (Surr)	1.2185 1.2436	1.2791 1.2296	1.2606 1.2548	1.2517	1.2678	Ave		1.2507				1.6		20.0			
4-Bromofluorobenzene	0.4388 0.4178	0.4379 0.4179	0.4410 0.4317	0.4233	0.4238	Ave		0.4290				2.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-970718/3	T676824.D
Level 2	STD05 460-970718/18	T676840.D
Level 3	STD1 460-970718/23	T676839.D
Level 4	STD5 460-970718/6	T676827.D
Level 5	STD20 460-970718/7	T676828.D
Level 6	STD50 460-970718/8	T676829.D
Level 7	STD200 460-970718/9	T676830.D
Level 8	STD500 460-970718/10	T676831.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 41334	349 137739	788 303871	2813	15808	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 213714	2181 932600	4597 1915817	18160	93980	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 29381	398 104896	765 251185	2704	11999	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 198741	2771 886292	5507 2158122	16208	78735	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 187472	2352 754786	5300 1762216	16368	79979	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	718 154294	1986 607455	3688 1327458	13435	67926	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	QuaF	+++++ 33606	921 271735	1187 512594	2692	14006	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	+++++ 119512	1499 470210	3753 928900	10496	52592	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 338927	3953 1362945	8938 2973647	29523	144574	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 268060	2773 1119819	6337 2380688	22503	114004	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 59400	844 223835	1357 448705	4842	23726	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 33263	467 93451	623 228545	3215	12151	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Qua2	+++++ 133948	3281 482243	5073 1060049	12444	56213	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 139369	1452 496120	3099 1035138	11810	58133	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 141607	1321 500116	3639 1096851	12693	58850	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 238381	2633 845774	5558 1868408	21176	101908	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 164502	1609 615361	3227 1230403	13736	67343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 63983	1883 117839	3014 219317	9562	24546	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 162245	1876 583033	4302 1269043	14037	65136	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 202567	3610 881979	5989 2065883	18090	81557	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 203785	1669 733297	3035 1401264	12251	80452	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 92581	1338 260823	2677 656279	8847	36843	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 571867	6703 1898428	15896 4118512	49778	234346	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 108631	1311 337565	2976 658830	9601	45569	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 225137	2794 736078	5889 1742160	21497	94046	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 334192	3452 1164242	8125 2501191	29463	140725	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 193004	2083 607843	4771 1365521	18946	84147	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 186064	2516 659795	5427 1497857	16790	79747	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 143592	1820 425714	3580 1038709	12996	54943	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 444468	4302 1574483	11014 3655133	37975	188704	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 182929	2443 661977	5017 1494213	15529	74830	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2499 606419	7088 1997403	15042 4514324	58113	258018	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 212847	3315 742595	5025 1448398	17821	90621	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 503970	5226 1785739	12418 4112563	43595	216577	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 295836	3507 1074008	8242 2400314	27048	130630	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 71735	637 250763	1465 570005	4739	32008	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 147329	1746 516045	4244 1190443	13954	63667	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 455137	4710 1665678	11478 3904501	40064	195261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 64488	822 239465	1879 549046	5230	26843	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 198479	2403 727843	5744 1669385	17007	83692	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 94783	1112 337728	2319 805859	8338	38497	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 35757	331 124346	806 297924	3165	15020	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 138041	1945 484661	3522 1155885	13194	60889	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 227134	2746 730497	6003 1748193	21636	95798	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 37029	457 130983	1141 320004	3707	16183	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 94288	1045 330556	2620 768905	8388	41244	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 637119	7656 2132908	16719 4686581	62814	288797	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 279373	3507 1023994	8239 2321307	27184	126331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 233420	2749 855400	5028 1807692	21104	100766	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 251418	3073 957752	6977 2229499	21968	106895	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 238299	2716 939822	6255 2183986	20550	98622	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 234546	2780 906995	6308 2079923	21037	99207	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 240775	2465 804472	5652 1895760	19011	94705	+++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 378290	3751 1433053	7637 2889313	32006	157365	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 669724	7083 2425035	17917 5404774	60604	287585	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 431247	4489 1588153	11206 3675218	38099	188120	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 80927	1171 285588	2450 661246	7104	35718	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 192816	2671 726710	5282 1695092	17613	82962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 161664	1495 602207	3328 1188762	12716	67058	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 100105	1371 298647	2519 799032	8961	36048	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 187333	2090 724452	4850 1651863	17177	77255	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 251965	2525 970362	4636 1972113	20702	102637	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 379209	3995 1406987	8636 3035943	32294	156348	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 180842	2230 667839	4768 1495676	15676	75766	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 84861	1011 305793	2015 728893	7717	34992	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 37404	1202 94699	1782 250700	3628	12498	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 113488	1416 409101	3247 899334	10412	50490	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 215825	2473 727991	5047 1721917	18395	86636	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 234288	2580 899808	5879 2115939	20713	98218	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Lin2	+++++ 74516	1432 279581	2340 679643	6715	30163	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 13509	+++++ 34505	267 97088	1244	5622	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1411 266588	2816 807181	6142 1750484	24672	108945	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 305876	3471 1132148	7224 2579598	24617	127251	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 667428	7082 2326709	16383 5306397	59621	284711	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	8728	19681	62882	302125	+++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			714140	2624370	5908038			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 258572	2992 995853	6763 2281165	22355	110935	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 209435	2265 759589	5196 1762482	18157	89650	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 135684	1576 508164	3322 1158299	12041	57828	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 198887	2117 783721	5047 1788332	16650	81246	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 262904	2850 987190	6803 2262649	22475	112863	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 460530	6055 1642369	12602 3866539	42515	194590	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 222842	3235 778865	5842 1824007	20469	94573	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 195375	2070 740724	5055 1736756	16431	81536	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 169102	1910 638205	4447 1483066	14724	71899	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 472312	5645 1770432	12729 4059982	40498	199086	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 247848	3100 924888	6689 2148151	21411	104935	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 176596	1982 661235	4352 1533261	14748	72824	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 301224	3410 1122797	8310 2612848	26397	128255	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 291327	3335 1071263	7795 2429253	25339	124399	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	+++++ 122921	1465 417583	3284 951391	11300	54414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 482894	5514 1681056	12056 3837672	42462	209576	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 133871	1627 500533	3592 1229209	11422	55479	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 242713	2729 853503	6997 2074018	22185	110960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 660615	8216 2380523	18465 5583253	58786	281389	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 196825	2024 743269	4849 1802011	16688	81237	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 191232	2281 673893	5357 1614664	17184	83263	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 848953	10110 3044852	22788 6945102	75574	366128	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 55255	834 196774	1439 478051	5095	23835	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 50807	529 181437	1370 457826	4519	22342	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 562959	7197 2041489	16252 4815866	51252	246075	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 675614	7952 2432225	18743 5667011	59725	293744	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 538999	7178 1989566	14660 4631407	48282	232535	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 542884	7782 2002662	15563 4684101	49917	242218	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 197329	2192 707599	5347 1685442	17538	89011	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 462602	5896 1691182	12724 3962201	42799	196095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 544112	7050 1999991	15318 4650841	48817	239057	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 653001	8317 2387628	19074 5434752	59553	284154	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 320355	4401 1211278	8730 2860463	27296	135515	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 543635	7792 2019354	14981 4619237	50387	238153	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 313324	4593 1198963	9583 2842271	27733	136037	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 533483	7234 1970455	15254 4599366	49178	238559	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 352773	3845 1282469	8543 3114578	26996	153922	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 510421	6527 1877873	15019 4332489	46092	223668	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 311303	4246 1151310	9017 2694008	27952	134847	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 256320	3961 949130	7930 2177178	23231	113821	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 270622	3593 1045765	8523 2470538	24622	120230	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 445421	6214 1670476	11980 3962007	38110	186768	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 39349	551 141017	1178 362370	3687	16492	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 185173	2818 700531	5327 1732139	14753	75507	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 152436	2612 595921	4459 1479573	12588	60669	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	QuaF	+++++ 75339	2509 301622	3760 694988	6041	29864	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Lin2	+++++ 356123	6852 1341899	11326 3389239	29829	140882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Lin2	+++++ 118142	2158 455815	3908 1152455	9704	47633	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	142639 136632	162185 128770	167803 122332	116313	149570	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	128277 137745	160808 133187	163631 129202	116249	146476	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	476685 488636	548412 462654	556636 444167	400272	515732	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	171679 164162	187743 157254	194733 152798	135363	172375	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 970718

SDG No.:

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

Calibration Start Date: 04/21/2024 09:57 | Calibration End Date: 04/21/2024 15:59 | Calibration ID: 96739

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-970718/3	T676824.D
Level 2	STD05 460-970718/18	T676840.D
Level 3	STD1 460-970718/23	T676839.D
Level 4	STD5 460-970718/6	T676827.D
Level 5	STD20 460-970718/7	T676828.D
Level 6	STD50 460-970718/8	T676829.D
Level 7	STD200 460-970718/9	T676830.D
Level 8	STD500 460-970718/10	T676831.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
2-Nitropropane	+++++	-0.8						30				
Naphthalene	+++++	-0.1						30				
1,2,3-Trichlorobenzene	+++++	-3.3						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 21-Apr-2024 09:57:40 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0174952-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:13:44 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: HVW2 Date: 21-Apr-2024 10:22:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.727	1.727	0.000	78	718	0.2500	0.2366	
* 31 TBA-d9 (IS)	66	3.195	3.195	0.000	95	30433	1000.0	1000.0	
33 Acrylonitrile	53	3.504	3.504	0.000	86	2499	2.00	2.14	
* 42 2-Butanone-d5	46	4.395	4.395	0.000	55	228518	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.935	4.935	0.000	97	142639	50.0	52.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	98	128277	50.0	48.0	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	472235	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.466	6.466	0.000	1	27659	1000.0	1000.0	
80 Epichlorohydrin	57	7.269	7.269	0.000	63	1411	5.00	6.59	M
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	476685	50.0	48.7	
* 94 Chlorobenzene-d5	117	9.770	9.770	0.000	84	391218	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.647	11.647	0.000	94	171679	50.0	51.1	
* 120 1,4-Dichlorobenzene-d4	152	13.026	13.026	0.000	94	203162	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

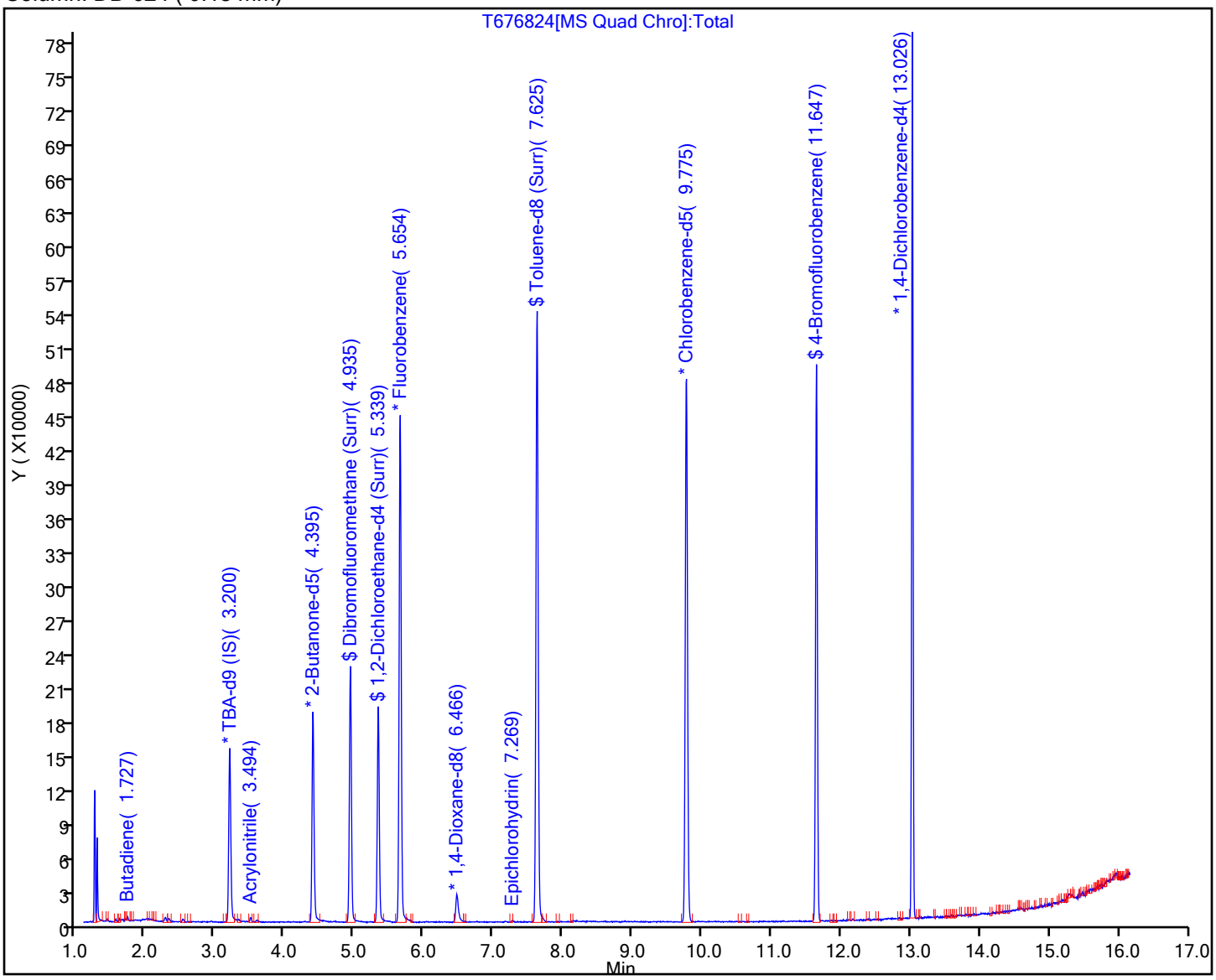
Reagents:

ACROLEIN W_00167	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	0.00	Units: uL	
524FREONS_00017	Amount Added:	0.00	Units: uL	
GASES Li_00580	Amount Added:	2.50	Units: uL	
14DIOXINTER_00168	Amount Added:	0.00	Units: uL	
GAS Hi_00468	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00124	Amount Added:	20.00	Units: uL	
Ethanol mix_00088	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00148	Amount Added:	0.00	Units: uL	
MIX I Hi_00175	Amount Added:	0.00	Units: uL	
7 Freons Hi_00013	Amount Added:	0.00	Units: uL	
VMTBA500_00048	Amount Added:	2.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:13:45 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

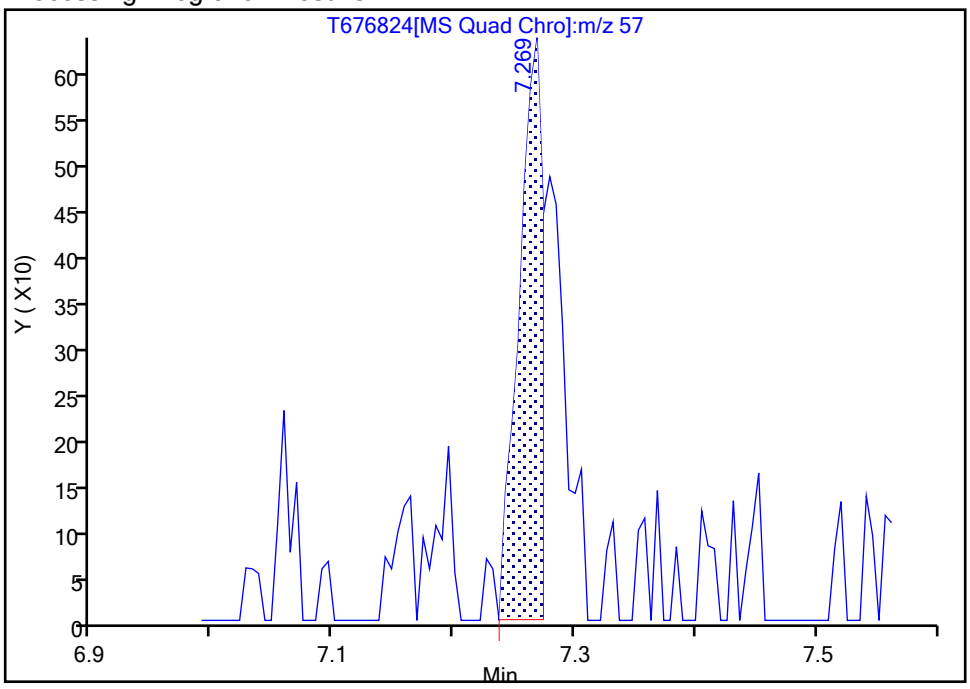
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

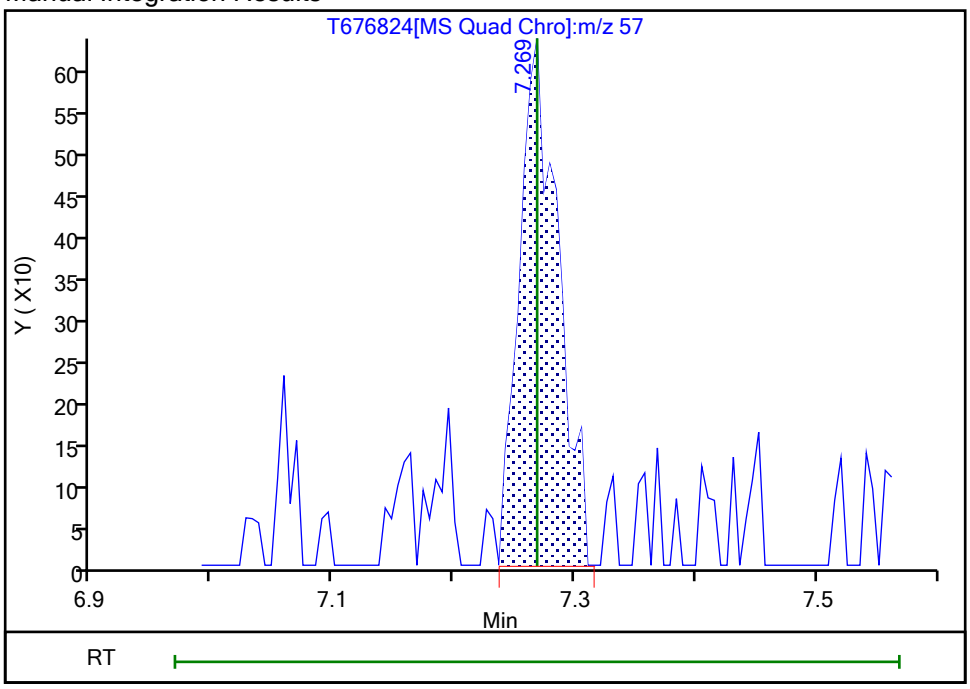
Processing Integration Results

RT: 7.27
Area: 876
Amount: 4.430270
Amount Units: ug/l



Manual Integration Results

RT: 7.27
Area: 1411
Amount: 6.591938
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:35:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

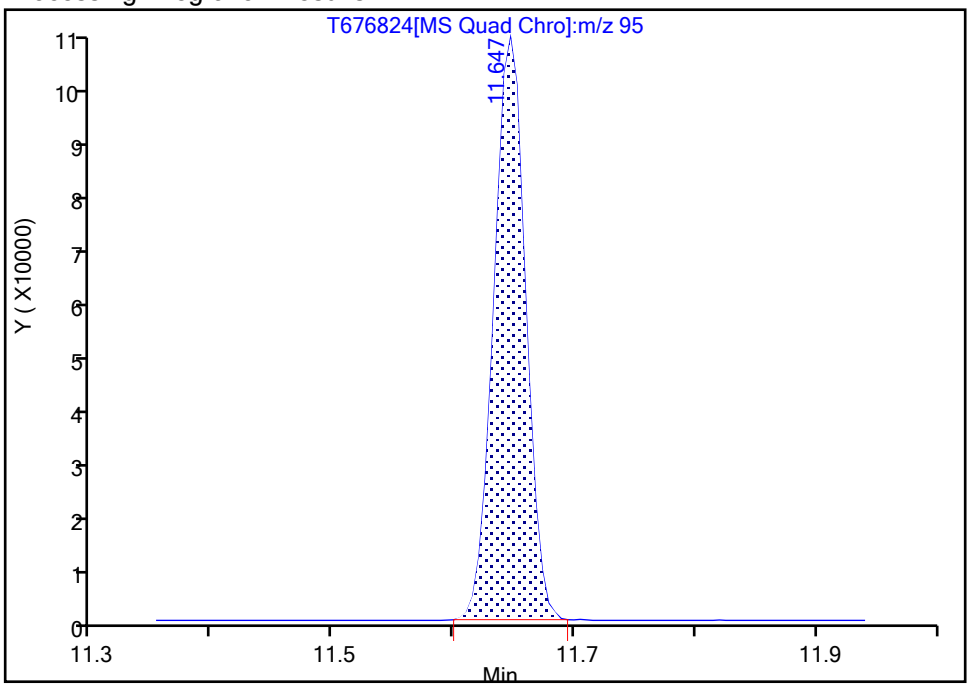
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 2

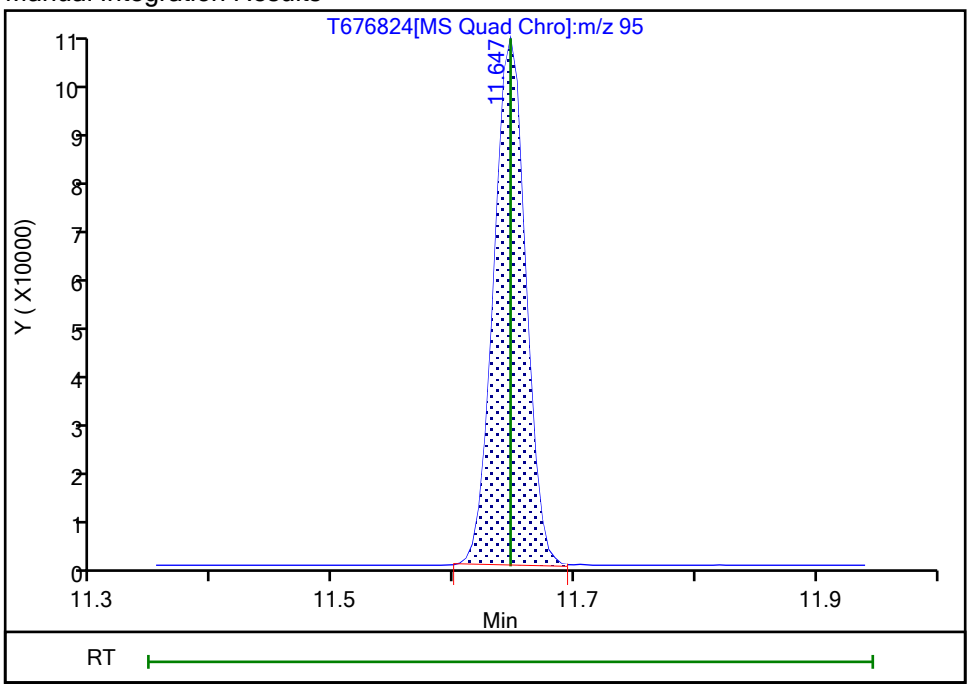
Processing Integration Results

RT: 11.65
Area: 186587
Amount: 51.561324
Amount Units: ug/l



Manual Integration Results

RT: 11.65
Area: 186587
Amount: 51.143815
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:13:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

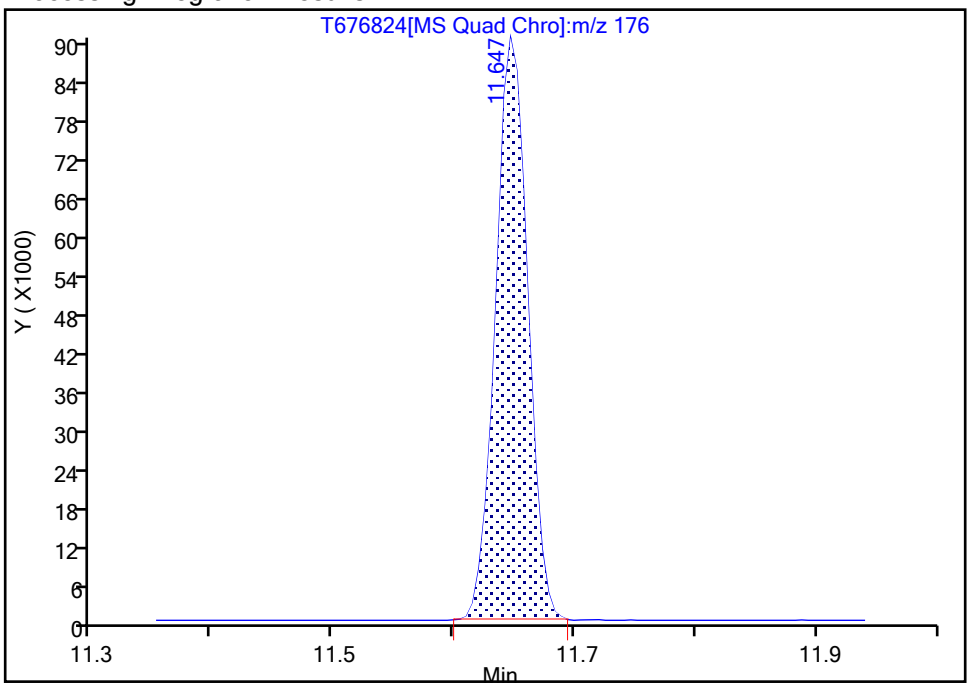
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 3

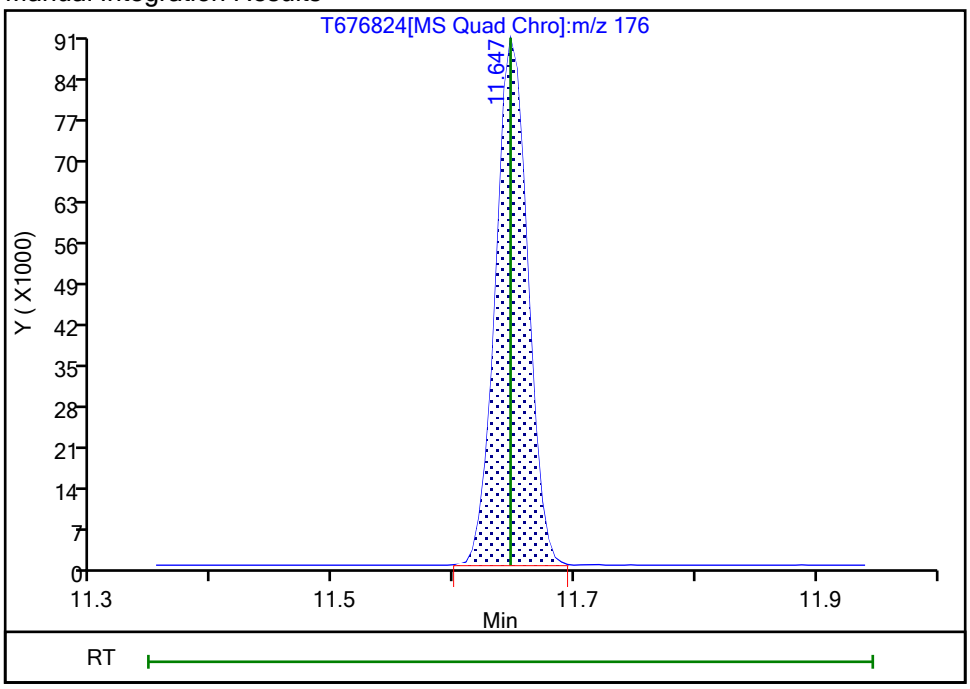
Processing Integration Results

RT: 11.65
Area: 167456
Amount: 51.561324
Amount Units: ug/l



Manual Integration Results

RT: 11.65
Area: 167456
Amount: 51.143815
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:13:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

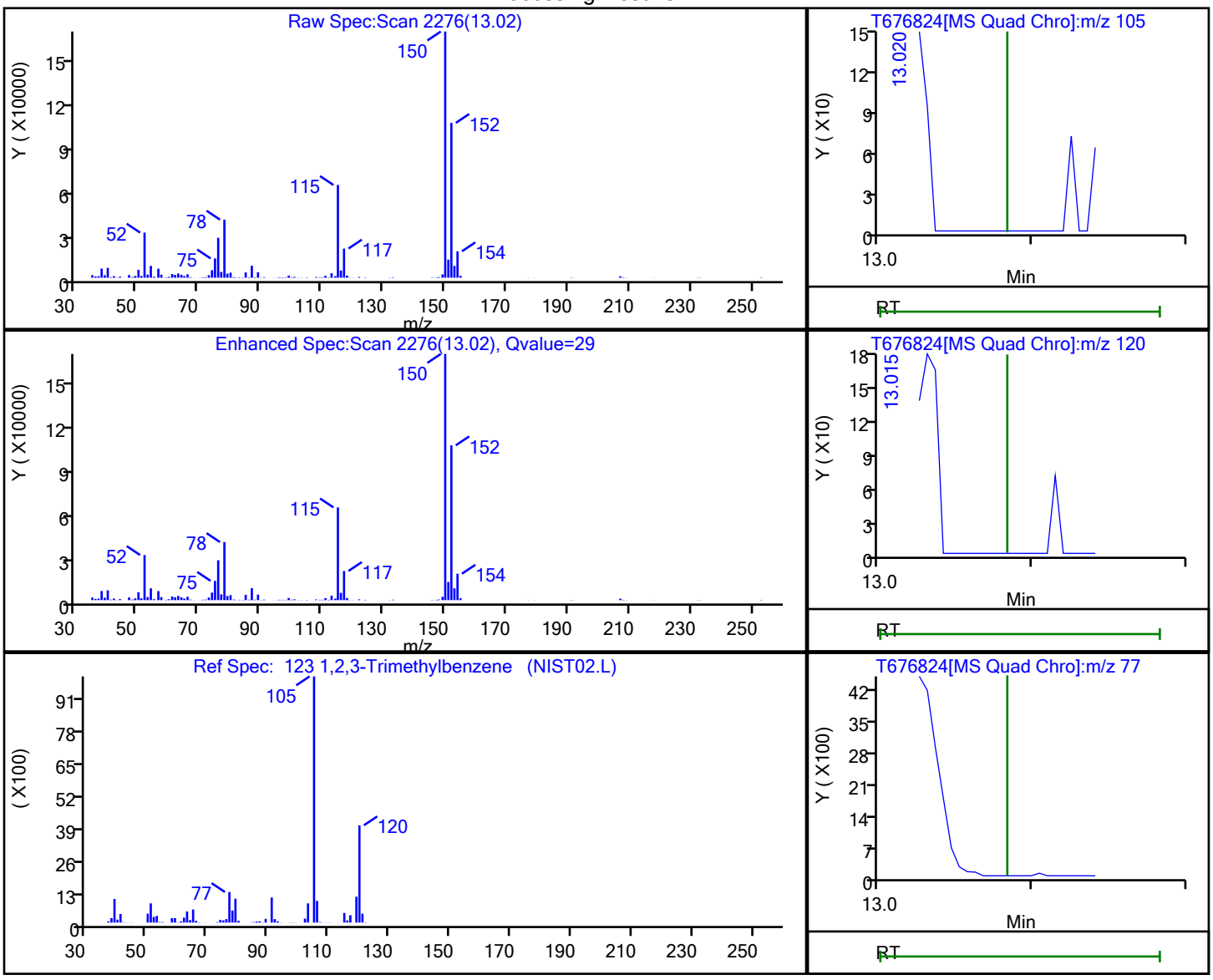
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.02	105.00	134	0.011726
13.02	120.00	94	
13.03	77.00	7073	

Reviewer: FK2C, 22-Apr-2024 11:13:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

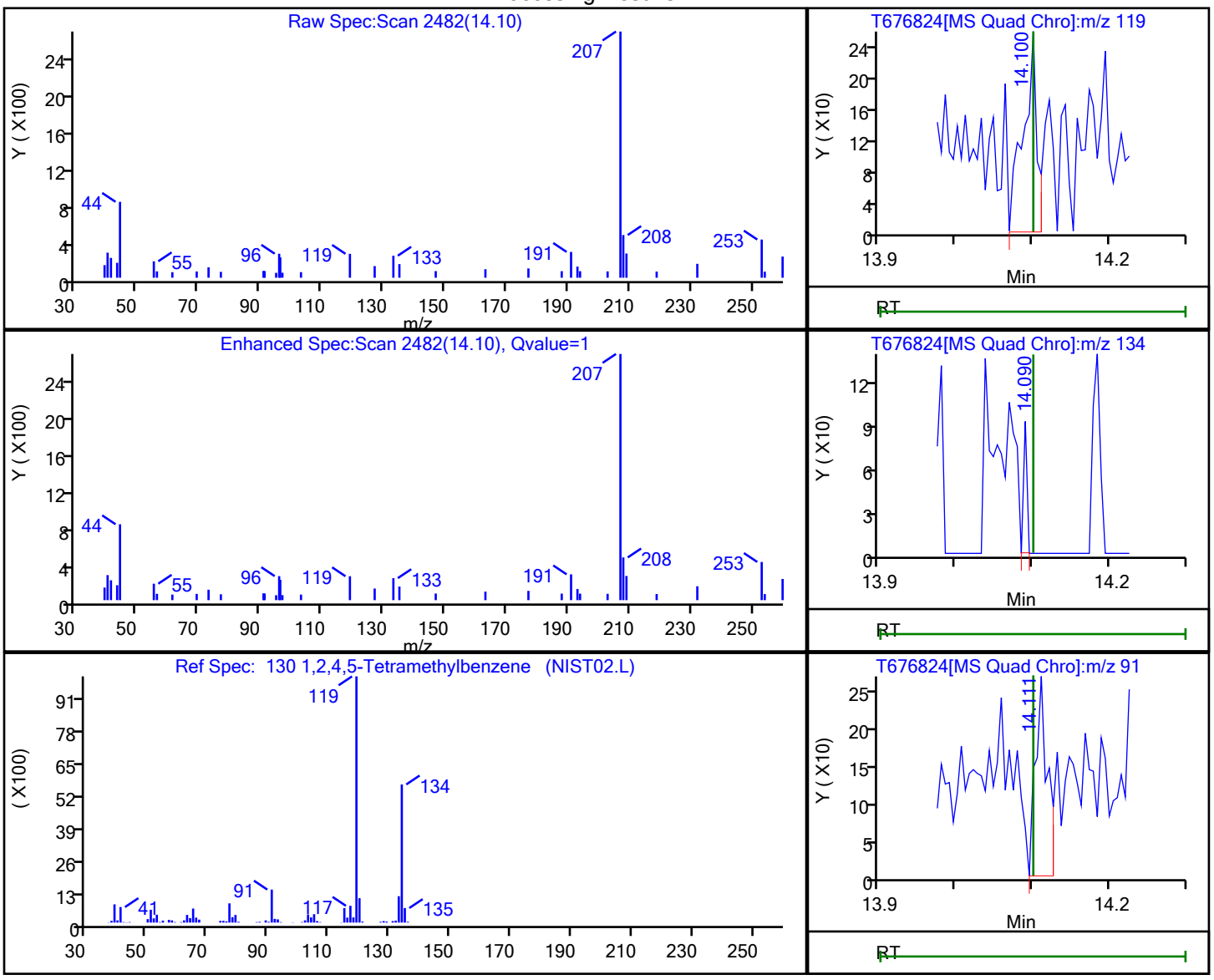
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
14.10	119.00	312	0.033346
14.09	134.00	28	
14.11	91.00	289	

Reviewer: FK2C, 22-Apr-2024 11:13:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

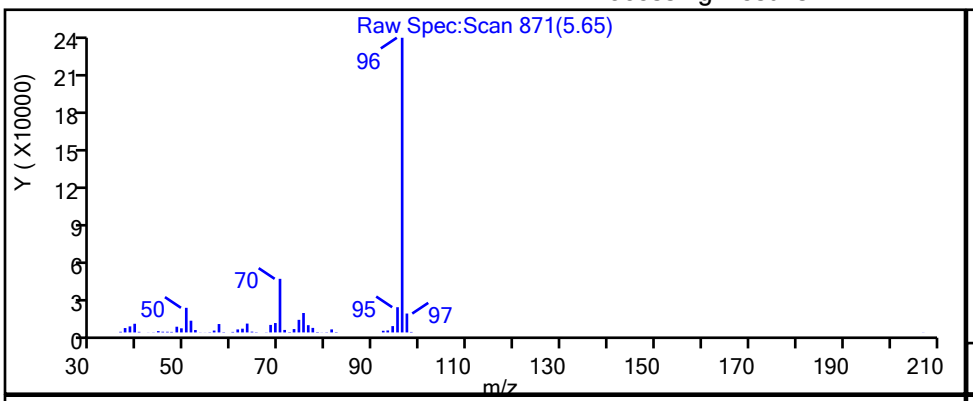
User Disabled Compound Report

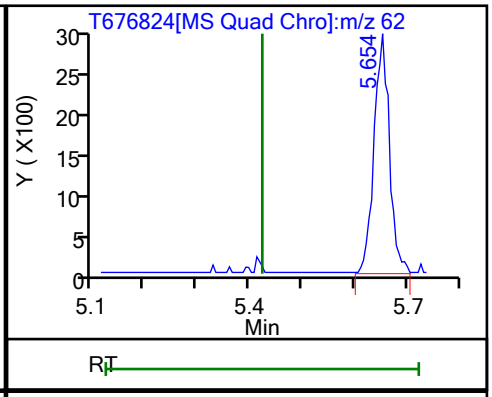
Eurofins Edison

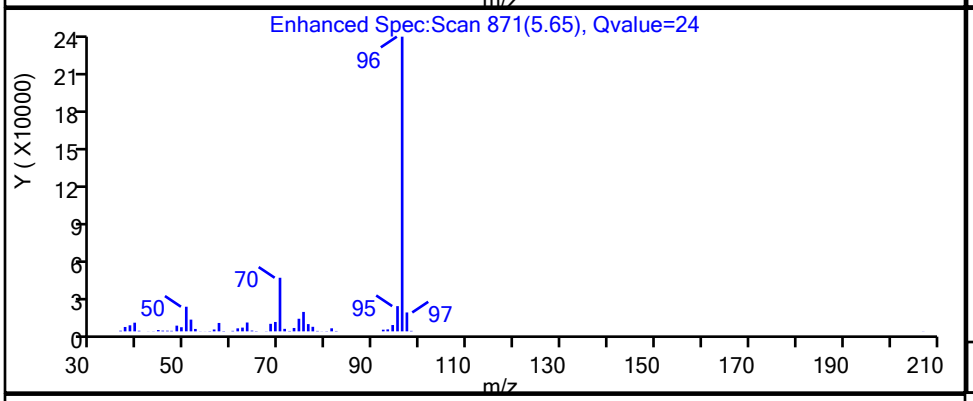
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

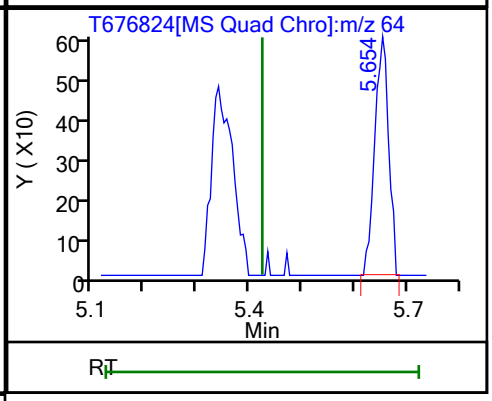
61 1,2-Dichloroethane, CAS: 107-06-2

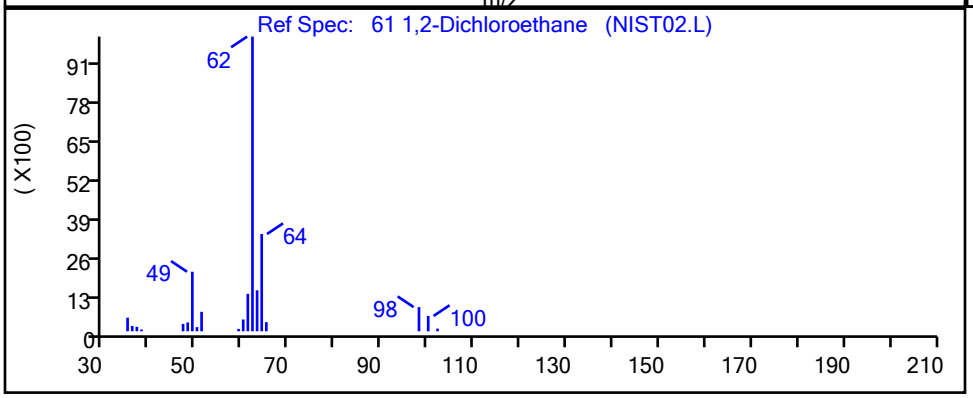
Processing Results











RT	Mass	Response	Amount
5.65	62.00	5924	1.588796
5.65	64.00	1116	

Reviewer: FK2C, 22-Apr-2024 11:12:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

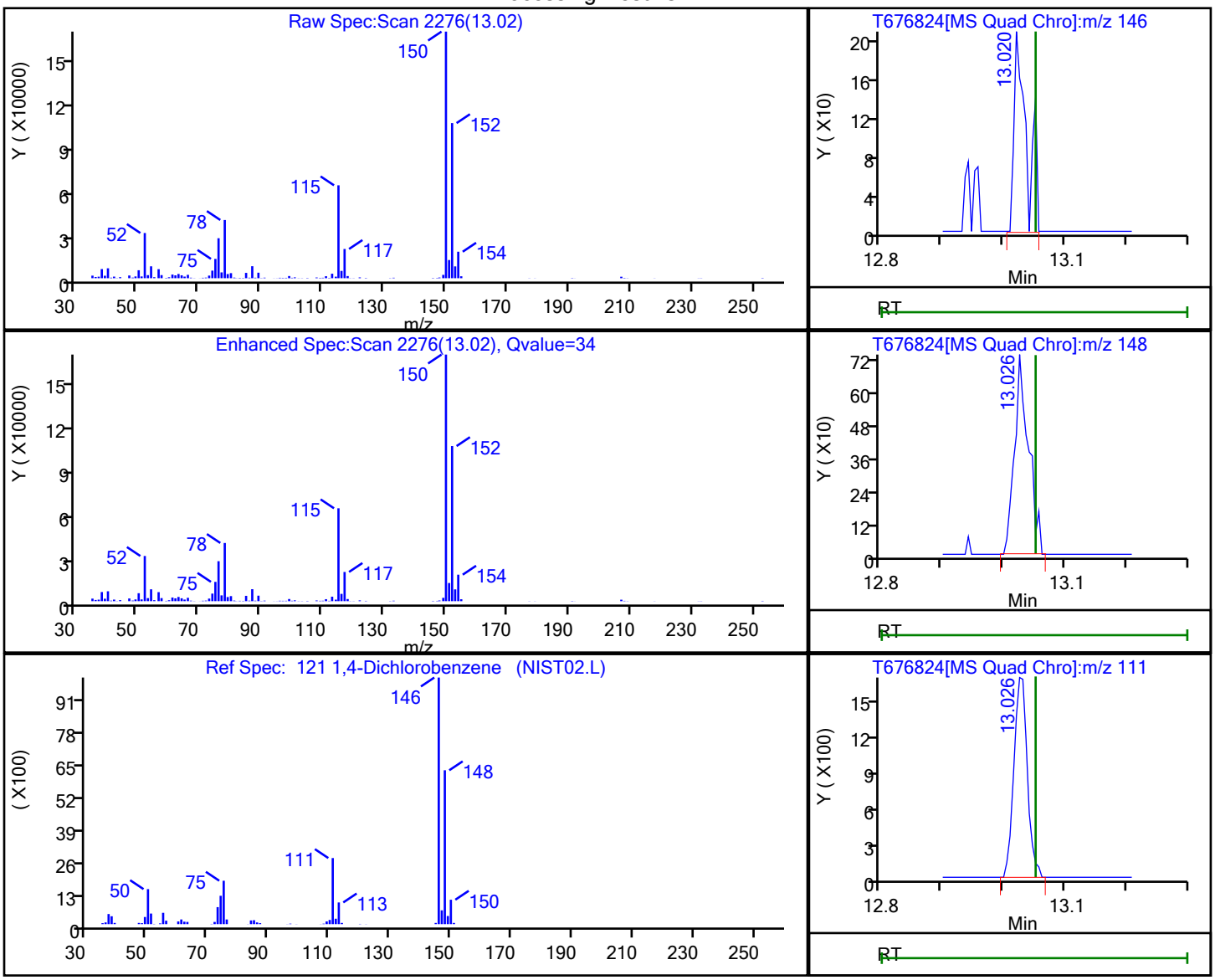
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
13.02	146.00	285	0.042372
13.03	148.00	1175	
13.03	111.00	2466	

Reviewer: FK2C, 22-Apr-2024 11:13:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

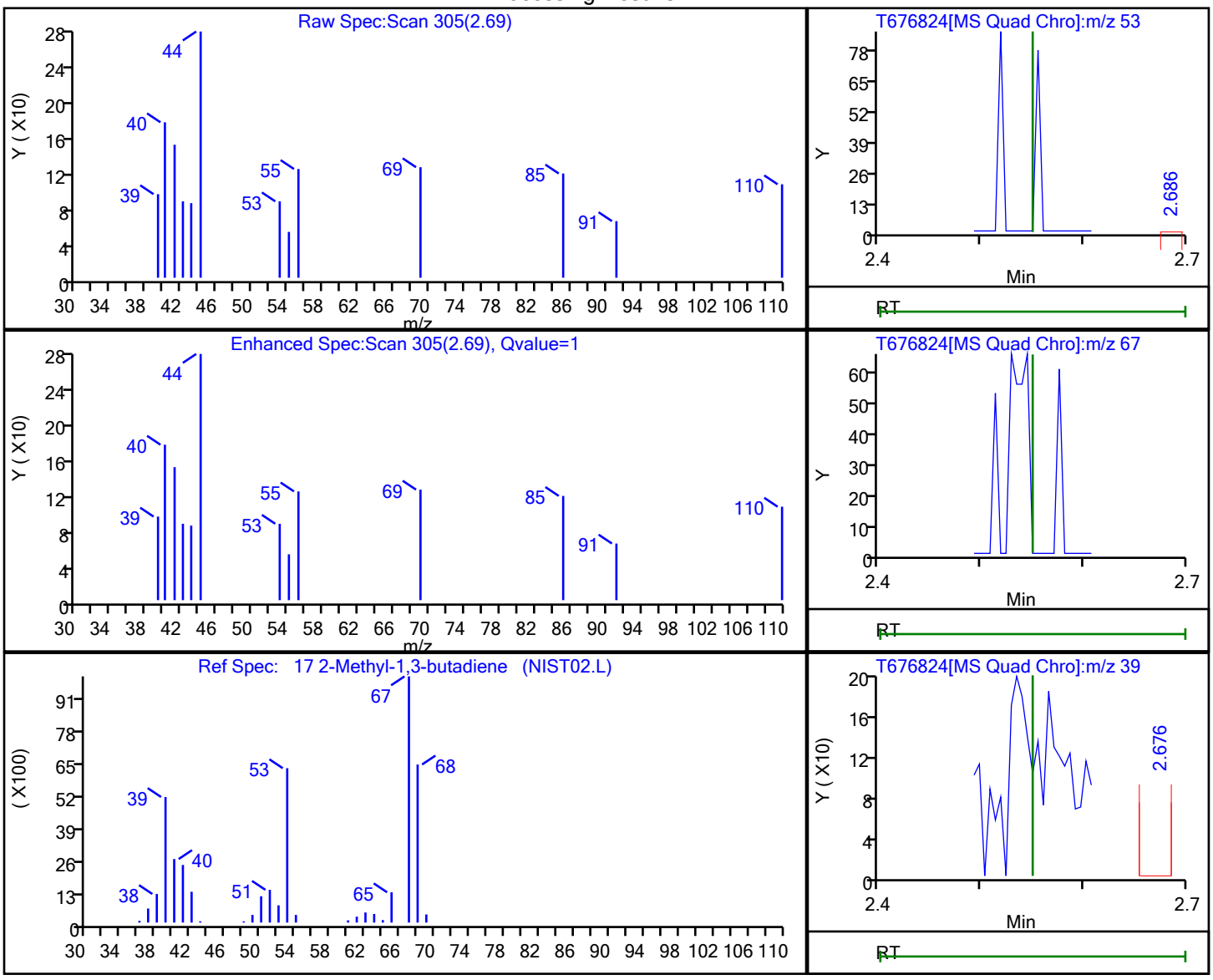
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.69	53.00	69	0.027288
2.70	67.00	59	
2.68	39.00	182	

Reviewer: FK2C, 22-Apr-2024 11:12:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

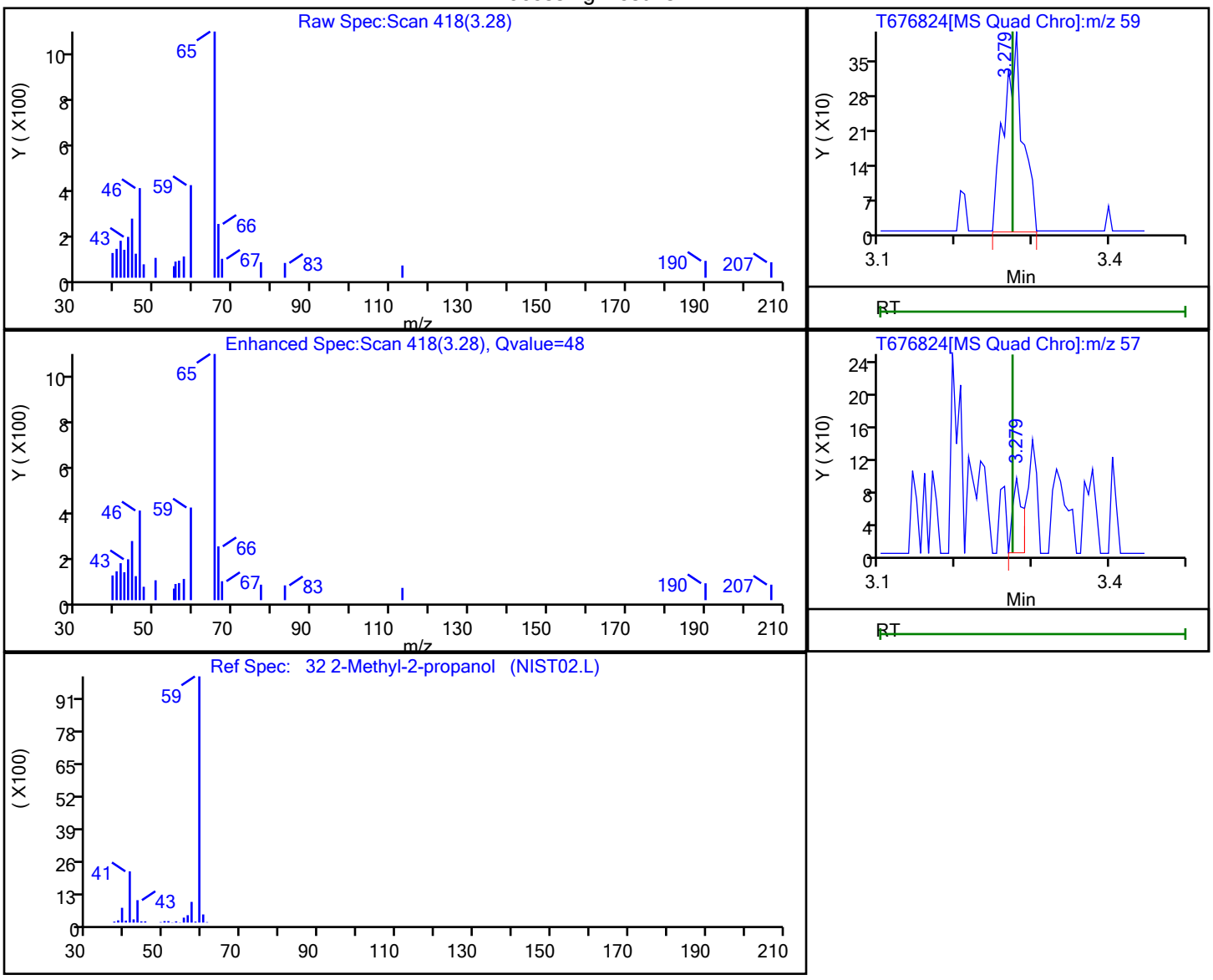
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.28	59.00	666	2.760829
3.28	57.00	82	

Reviewer: W9CM, 22-Apr-2024 17:35:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

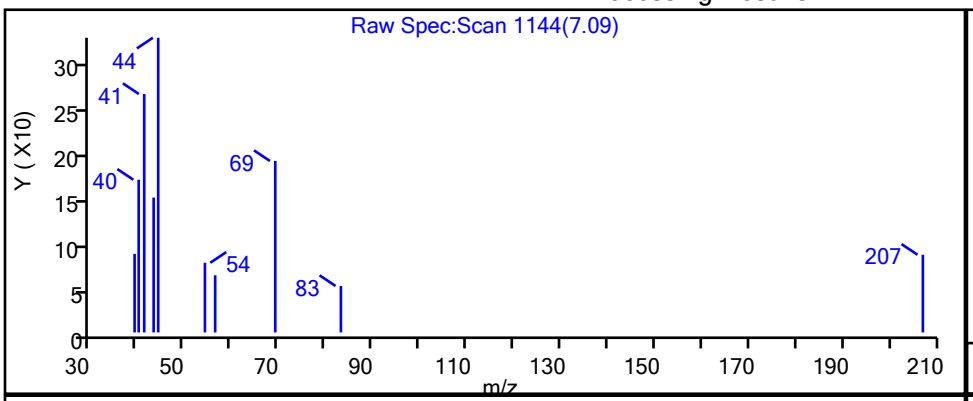
User Disabled Compound Report

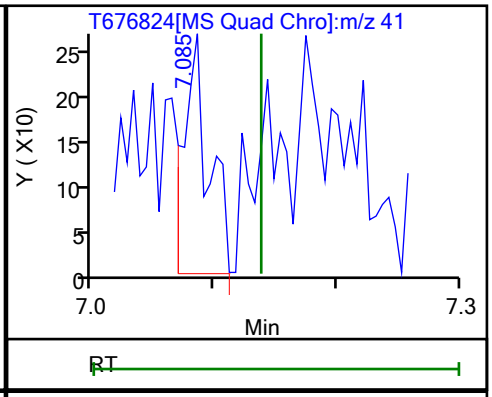
Eurofins Edison

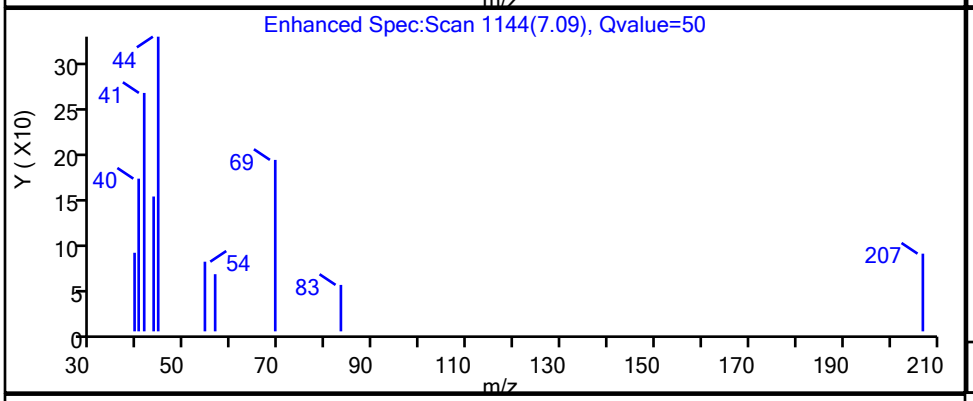
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

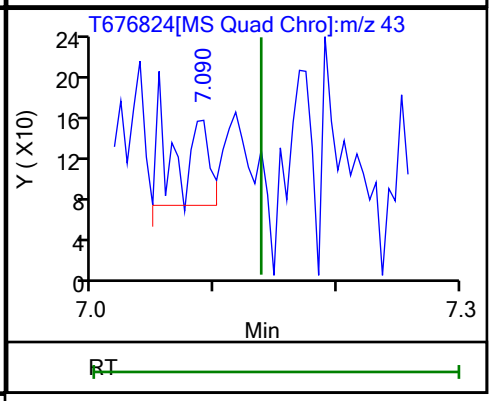
78 2-Nitropropane, CAS: 79-46-9

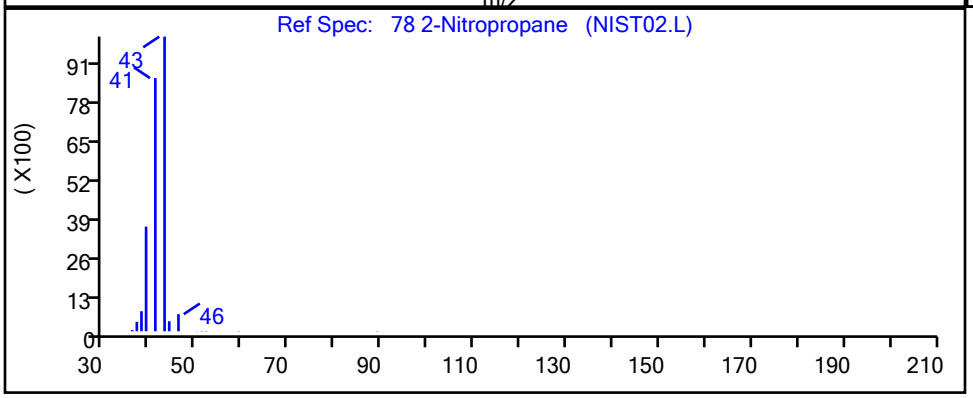
Processing Results











RT	Mass	Response	Amount
7.09	41.00	376	0.526456
7.09	43.00	164	

Reviewer: FK2C, 22-Apr-2024 11:12:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

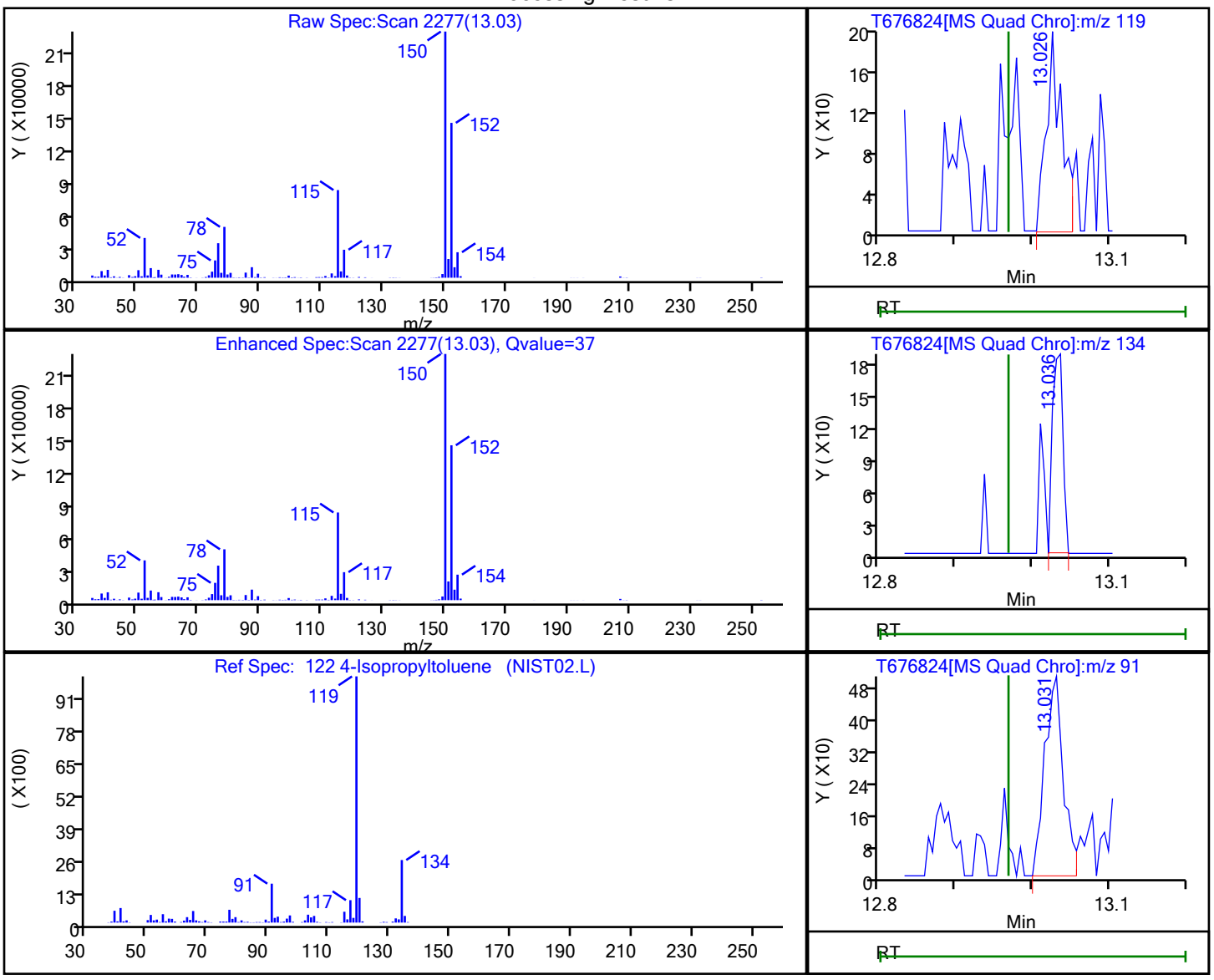
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
13.03	119.00	269	0.023208
13.04	134.00	182	
13.03	91.00	859	

Reviewer: FK2C, 22-Apr-2024 11:13:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

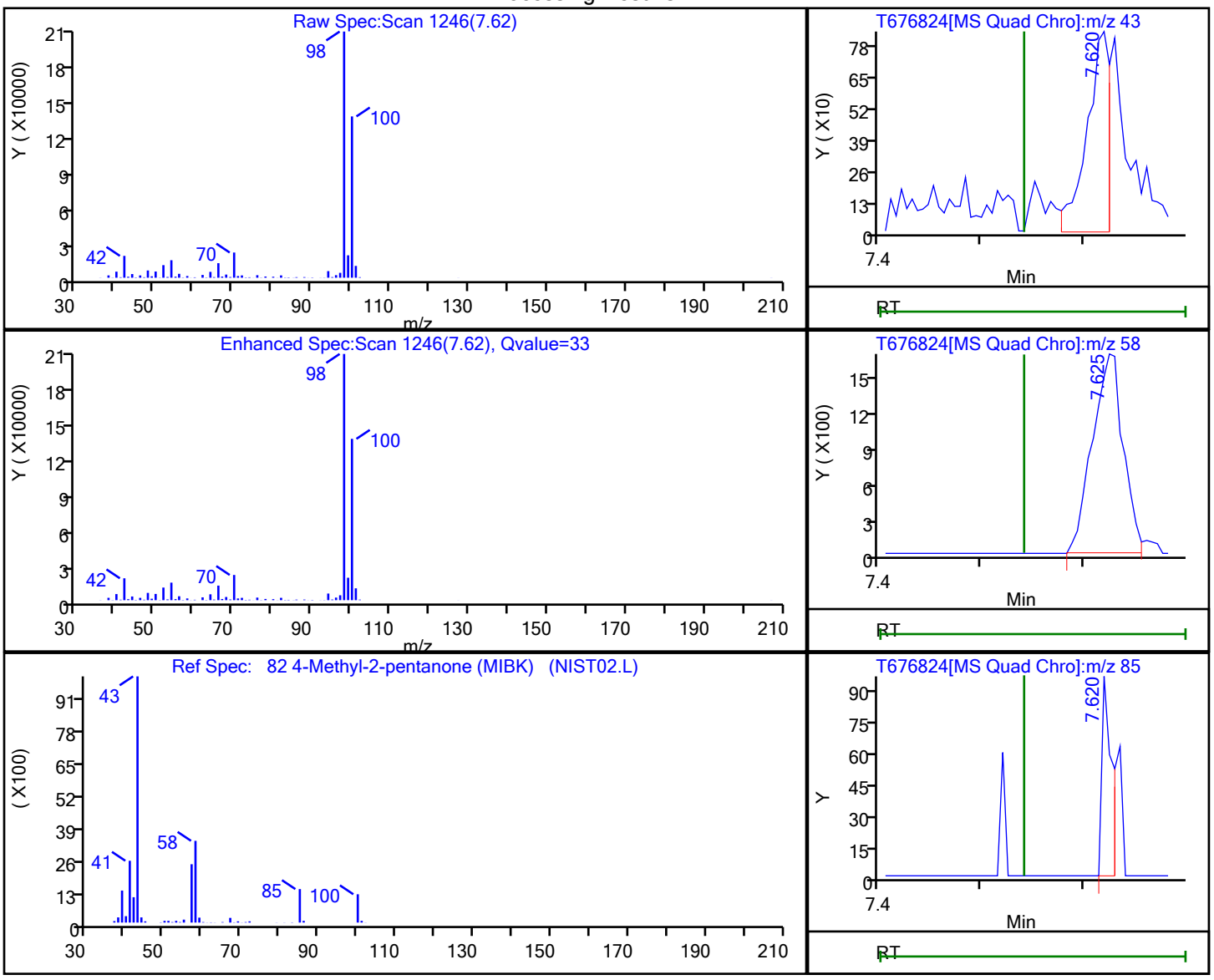
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.62	43.00	1293	0.598620
7.63	58.00	3483	
7.62	85.00	65	
7.63	100.00	313576	

Reviewer: FK2C, 22-Apr-2024 11:12:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

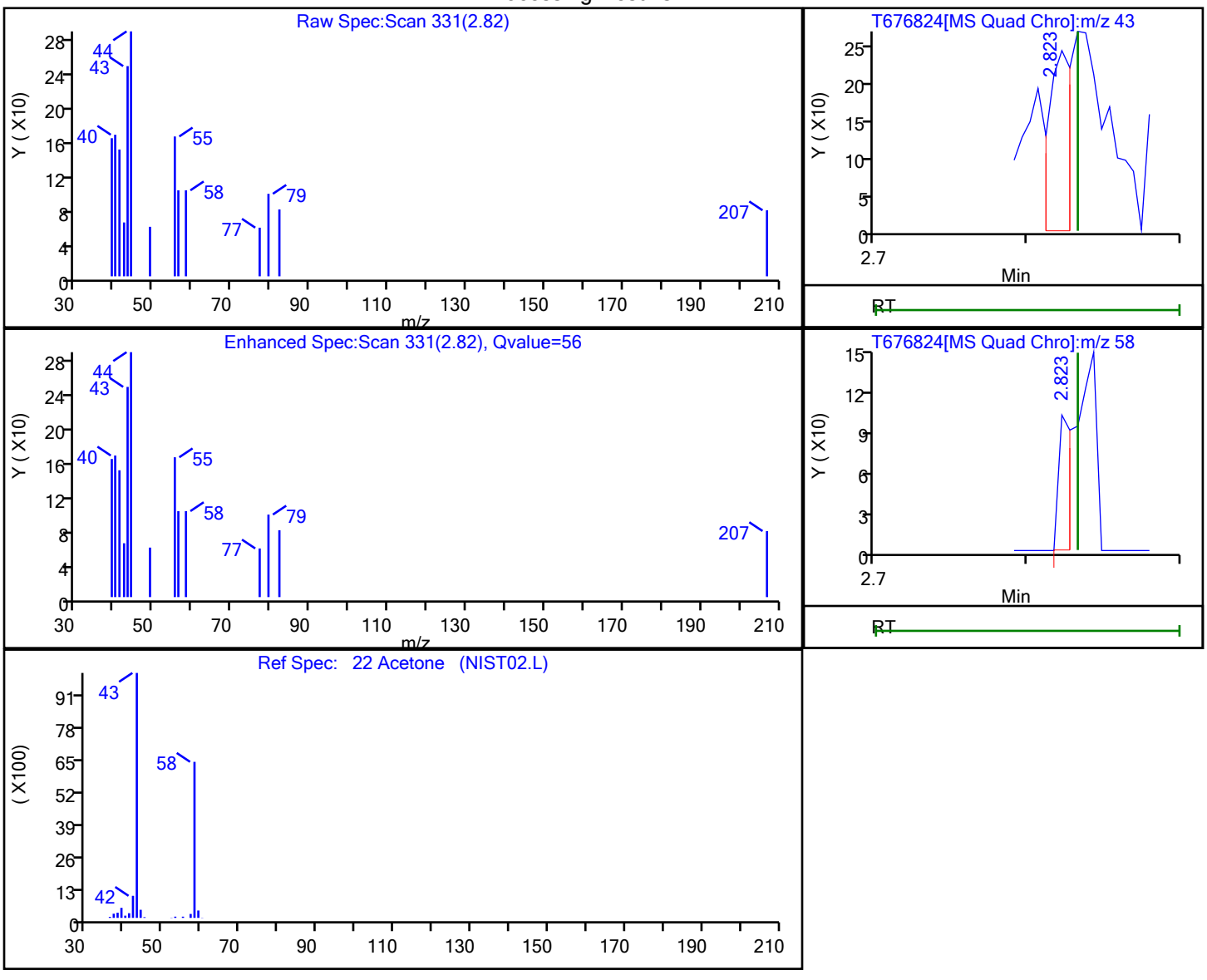
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.82	43.00	251	0.349662
2.82	58.00	59	

Reviewer: FK2C, 22-Apr-2024 11:12:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

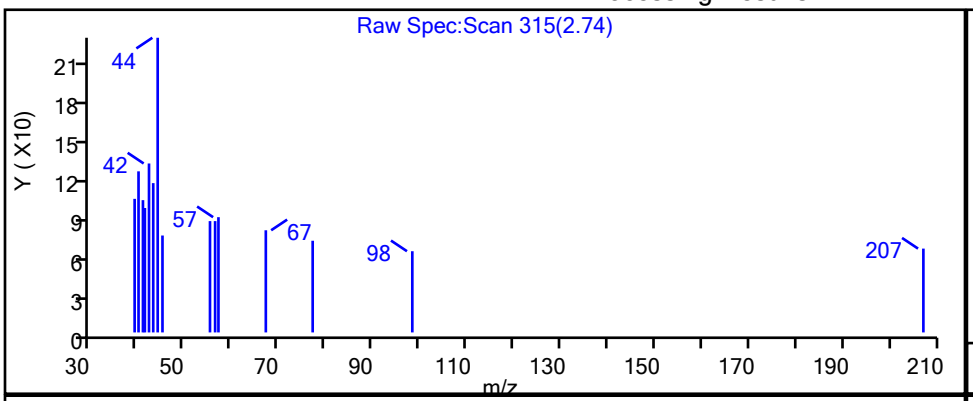
User Disabled Compound Report

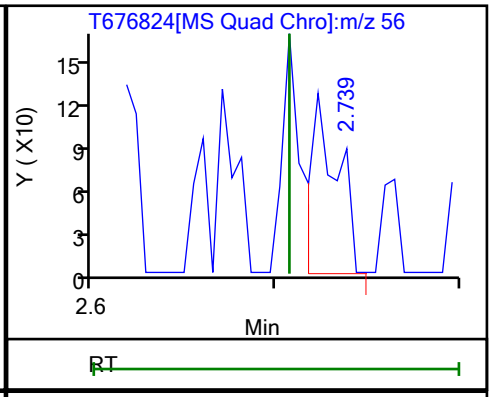
Eurofins Edison

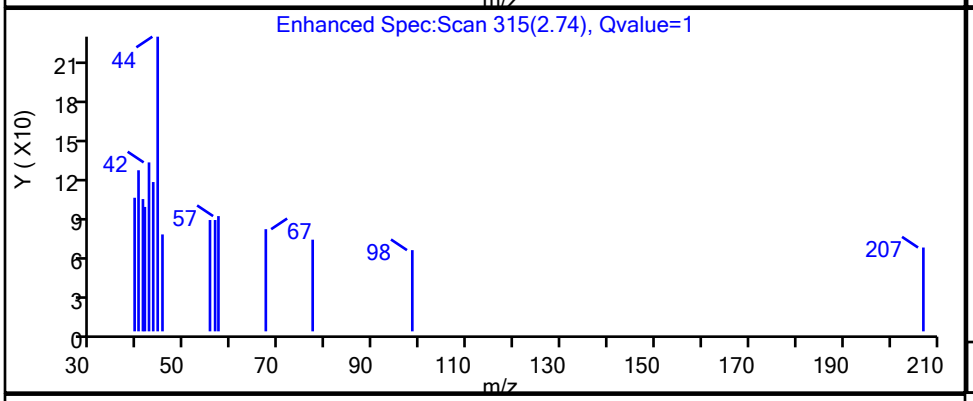
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

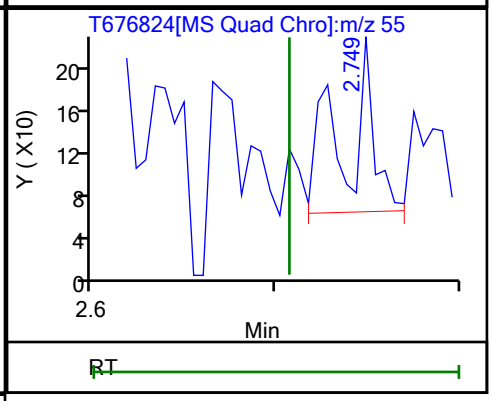
19 Acrolein, CAS: 107-02-8

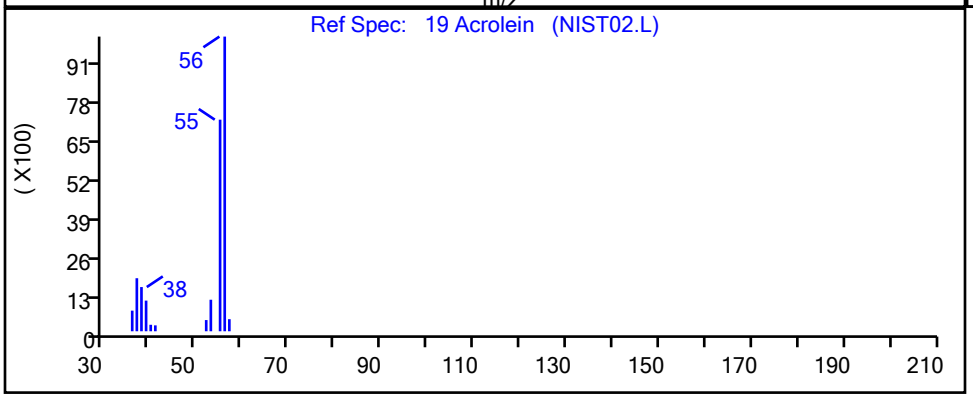
Processing Results











RT	Mass	Response	Amount
2.74	56.00	125	0.259242
2.75	55.00	179	

Reviewer: FK2C, 22-Apr-2024 11:12:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

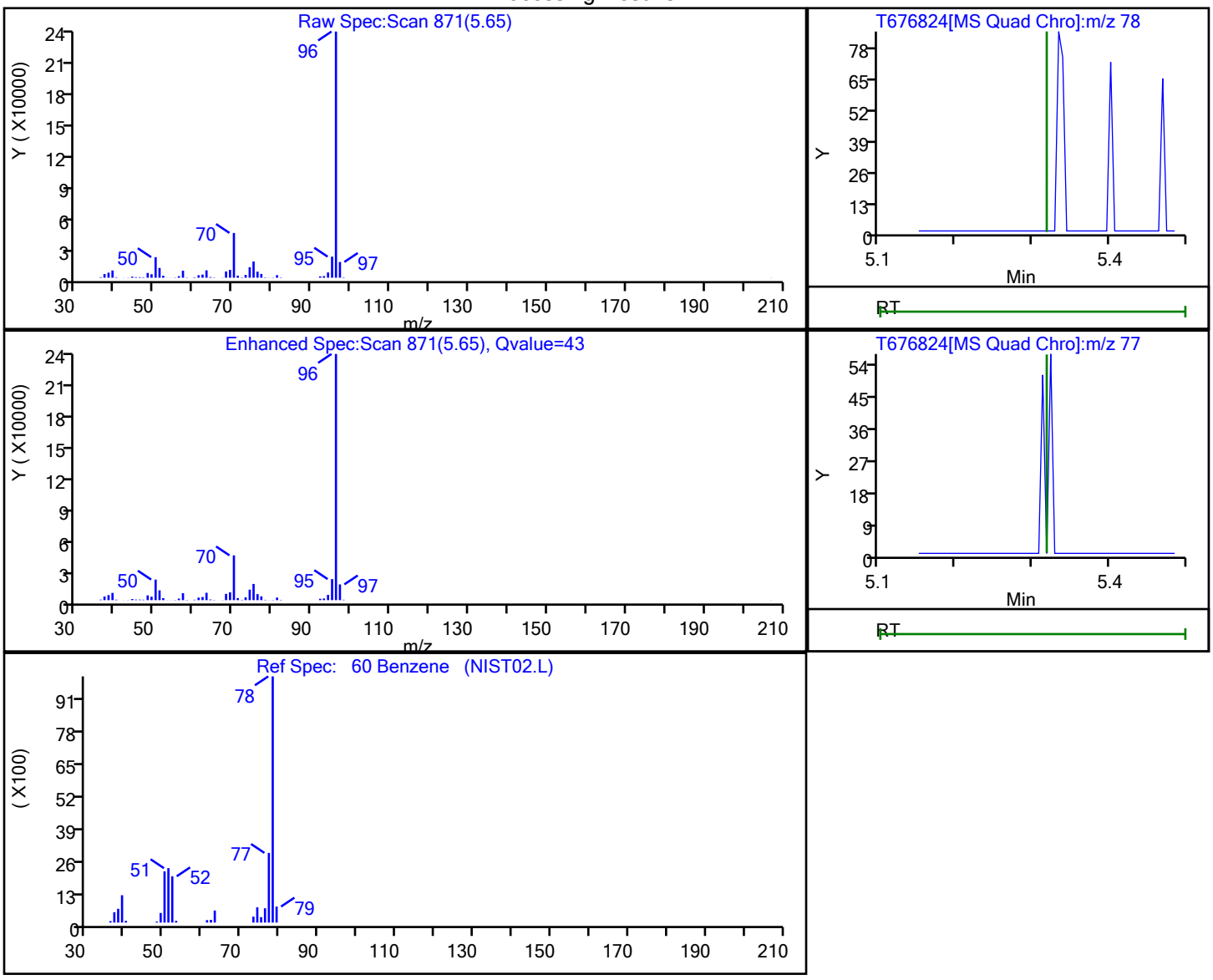
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.65	78.00	530	0.039821
5.65	77.00	7526	

Reviewer: FK2C, 22-Apr-2024 11:12:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

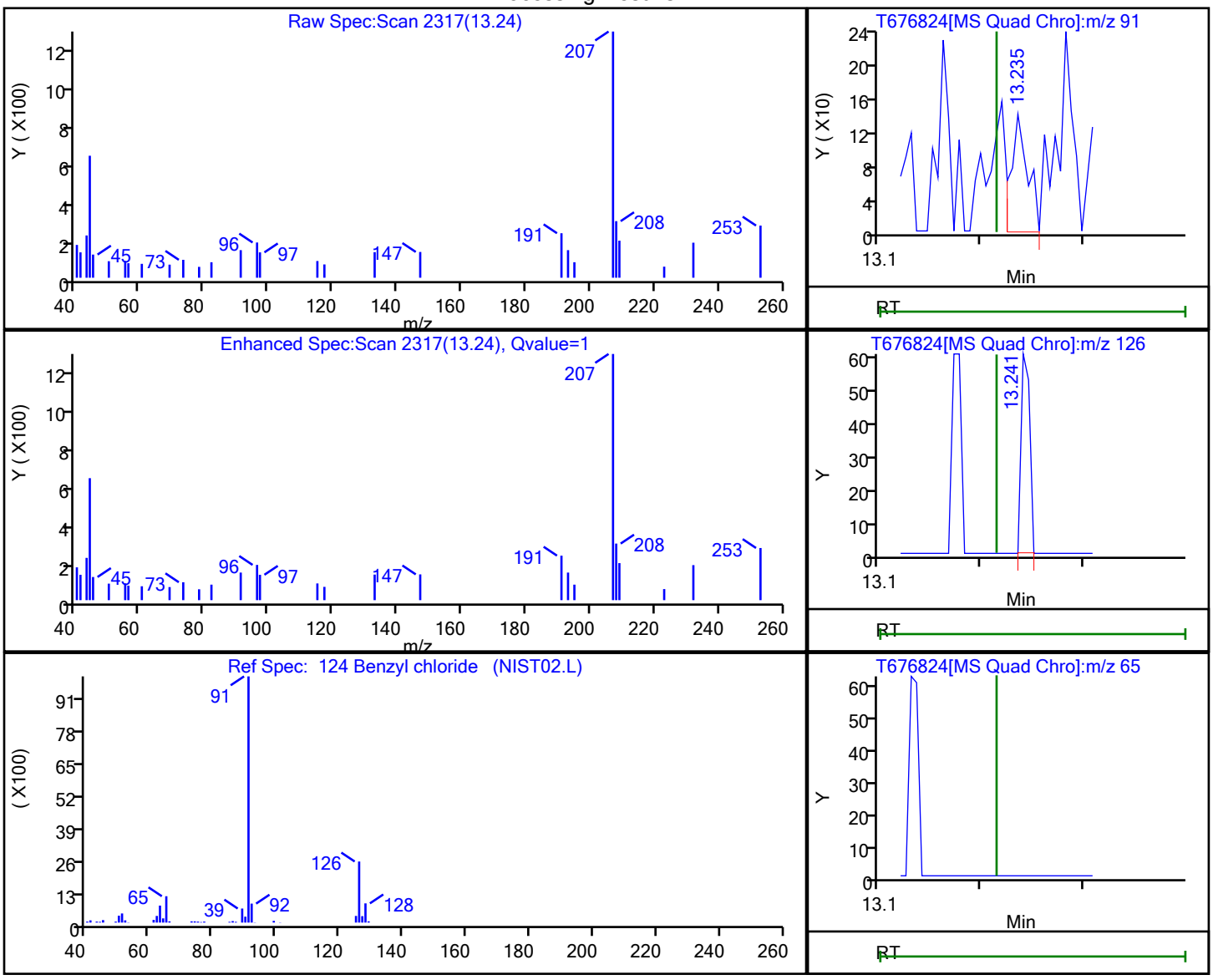
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.24	91.00	154	0.021224
13.24	126.00	36	
13.22	65.00	0	

Reviewer: FK2C, 22-Apr-2024 11:13:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

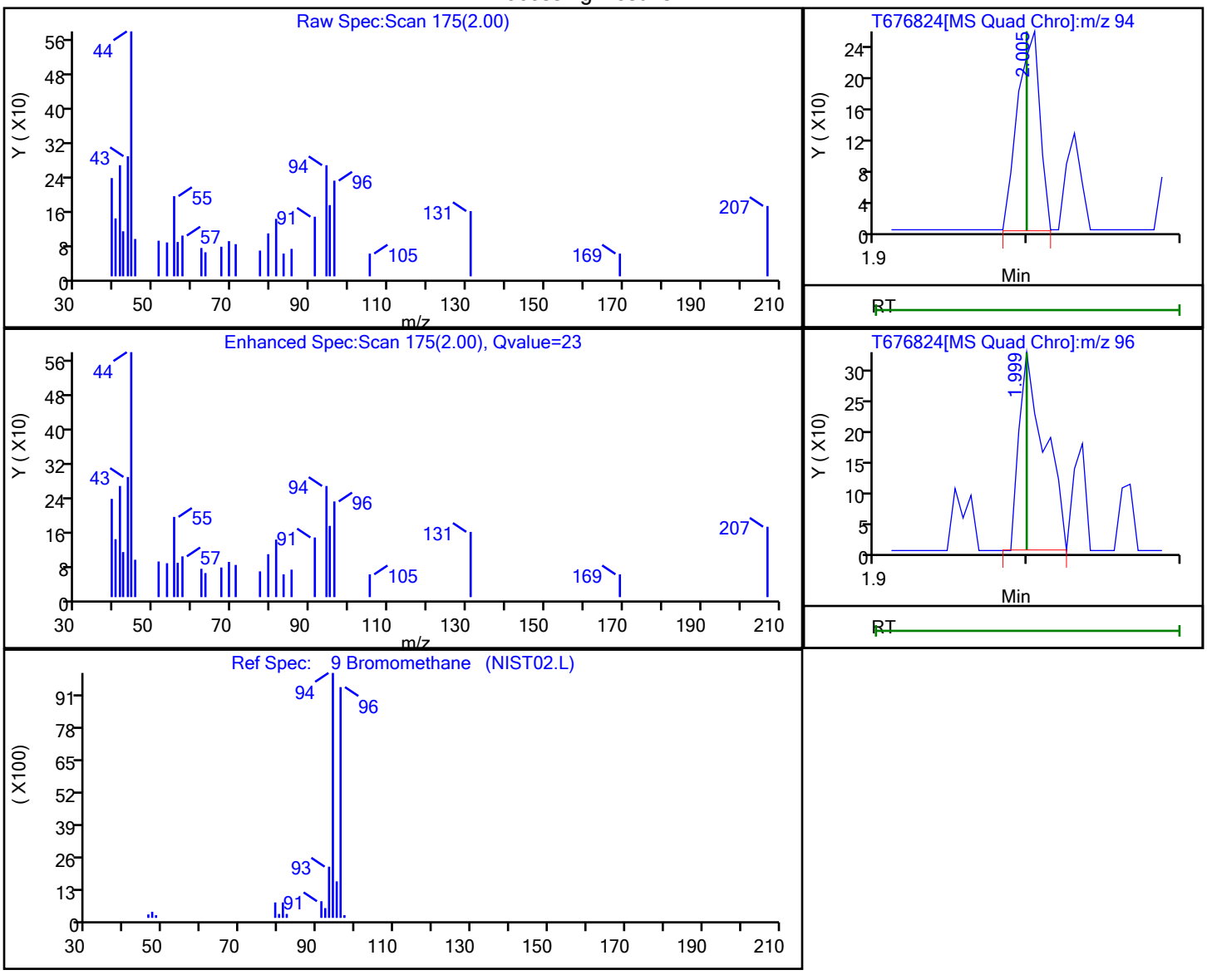
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.00	94.00	263	0.294548
2.00	96.00	377	

Reviewer: FK2C, 22-Apr-2024 11:12:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

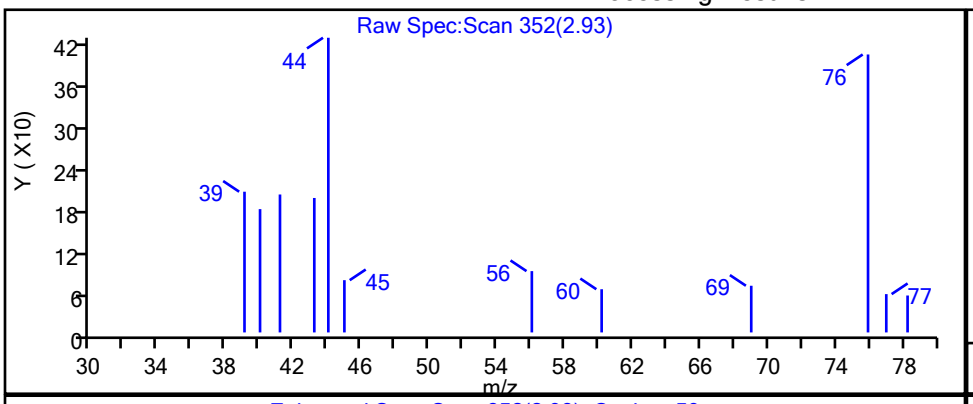
User Disabled Compound Report

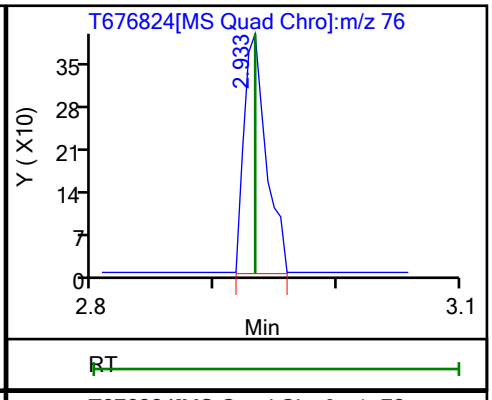
Eurofins Edison

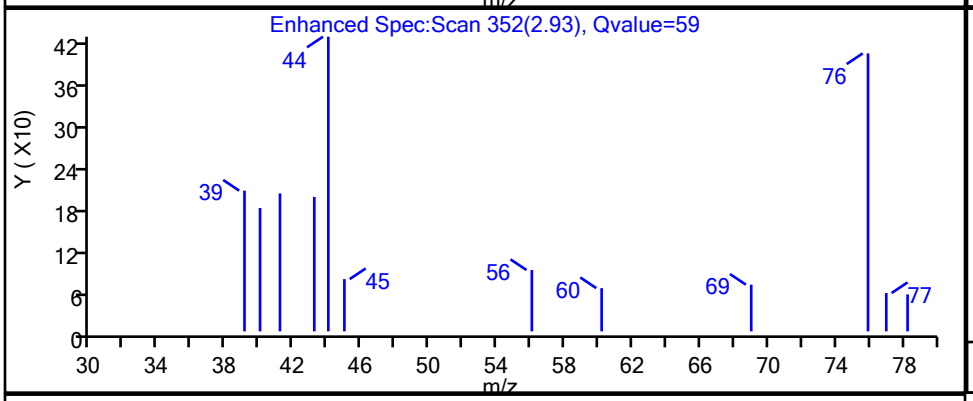
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

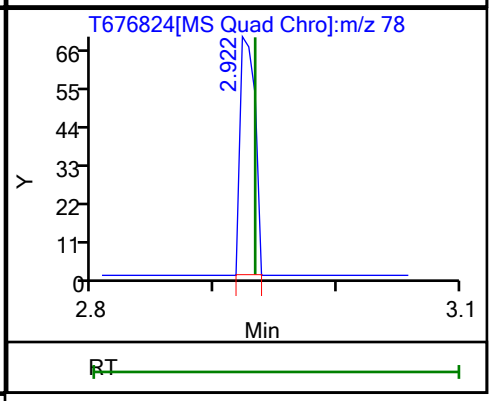
24 Carbon disulfide, CAS: 75-15-0

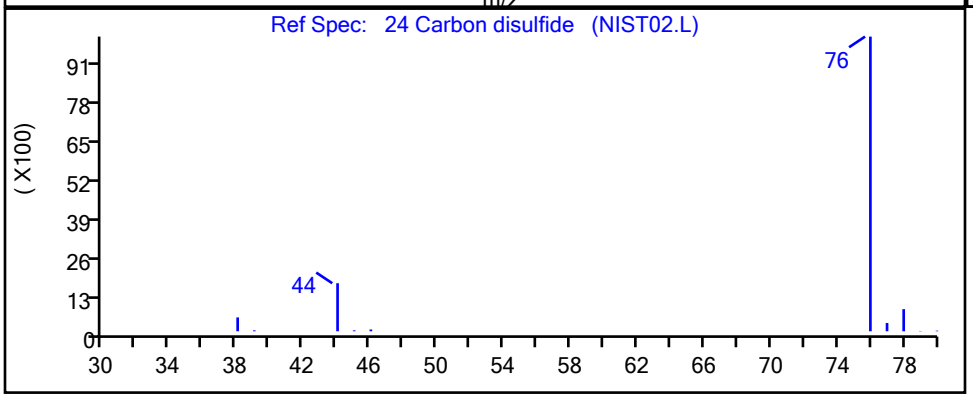
Processing Results











RT	Mass	Response	Amount
2.93	76.00	501	0.049071
2.92	78.00	60	

Reviewer: FK2C, 22-Apr-2024 11:12:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

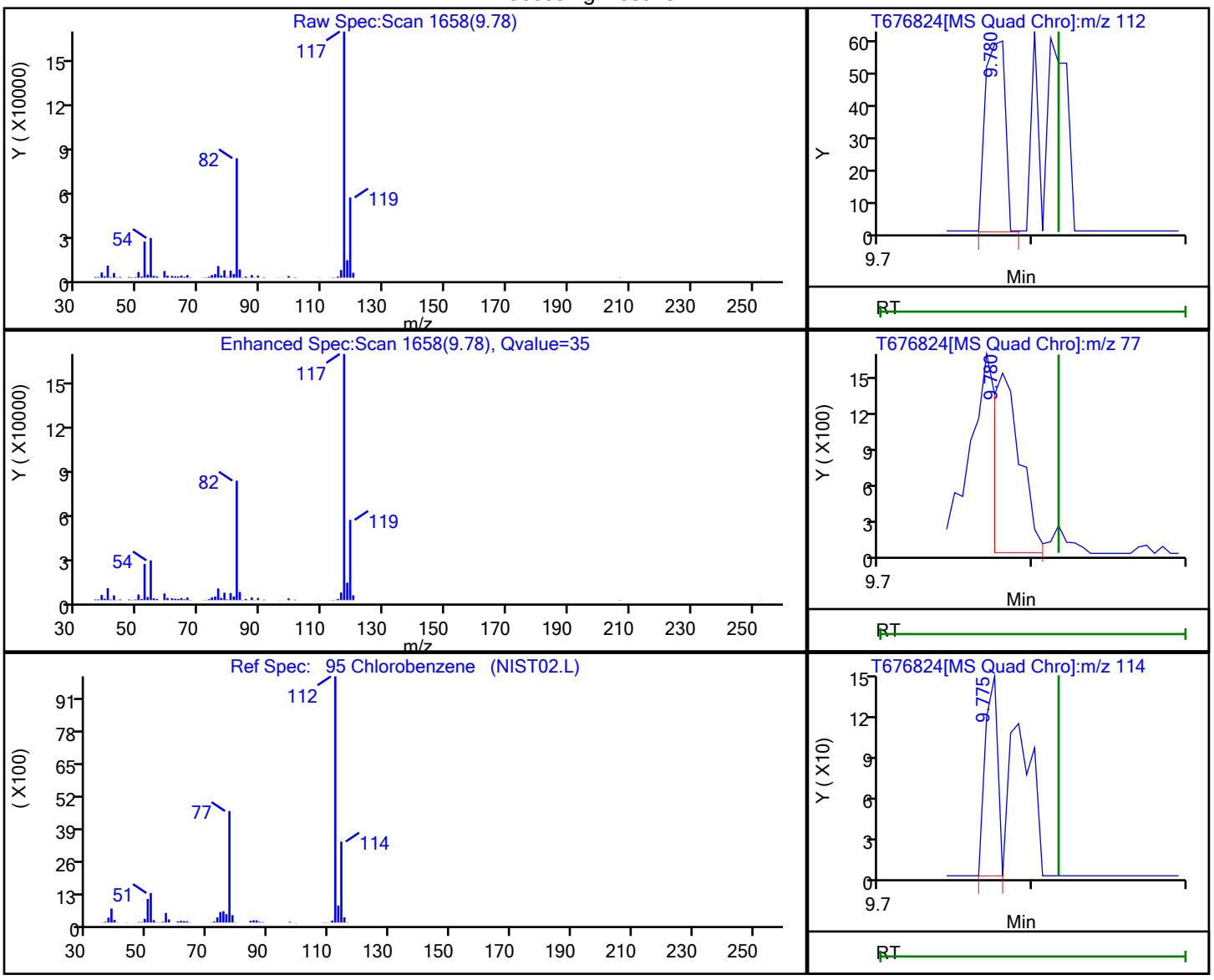
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.78	112.00	54	0.005737
9.78	77.00	1804	
9.77	114.00	84	

Reviewer: FK2C, 22-Apr-2024 11:13:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

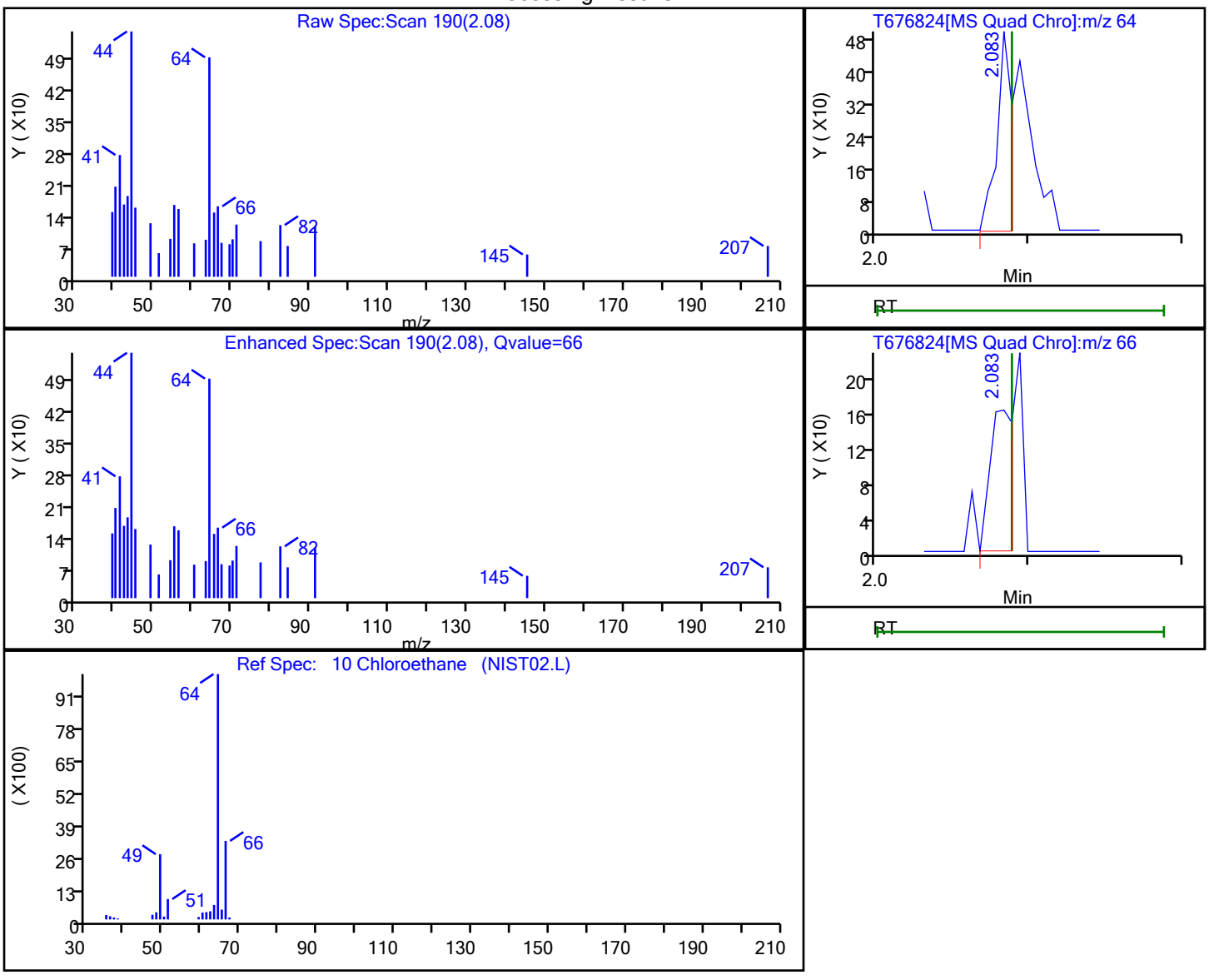
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.08	64.00	331	0.176834
2.08	66.00	168	

Reviewer: FK2C, 22-Apr-2024 11:12:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

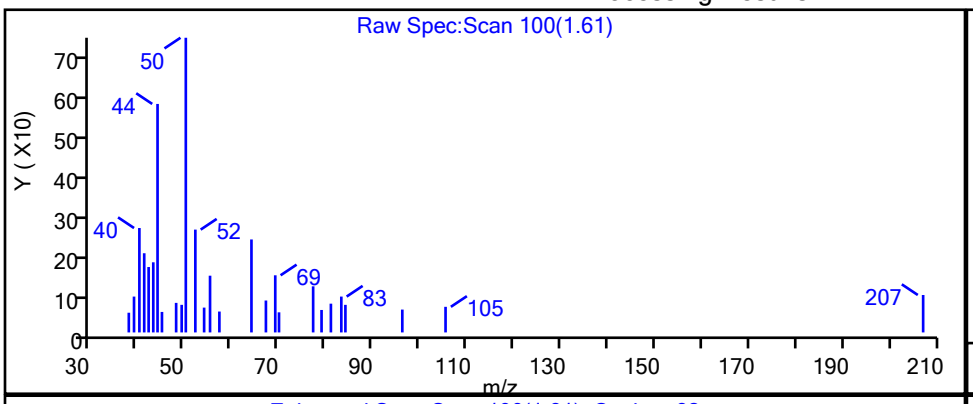
User Disabled Compound Report

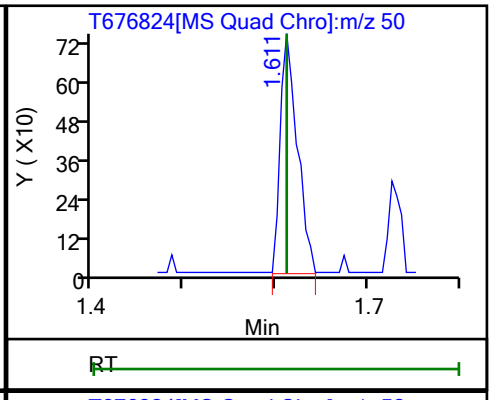
Eurofins Edison

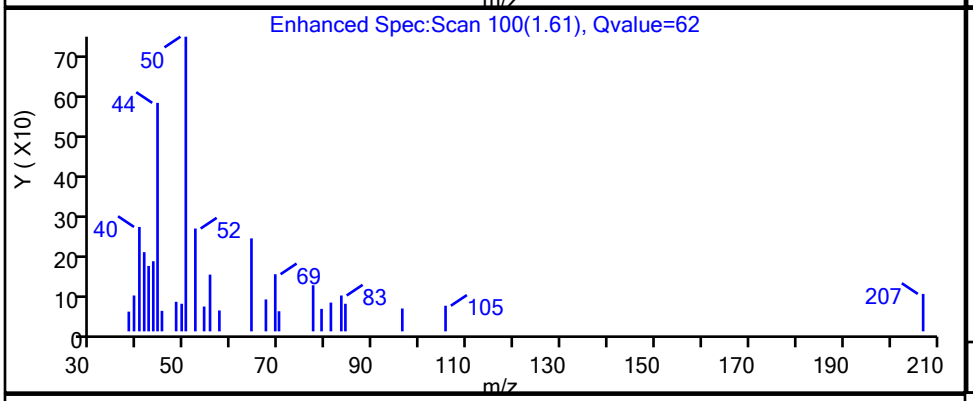
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

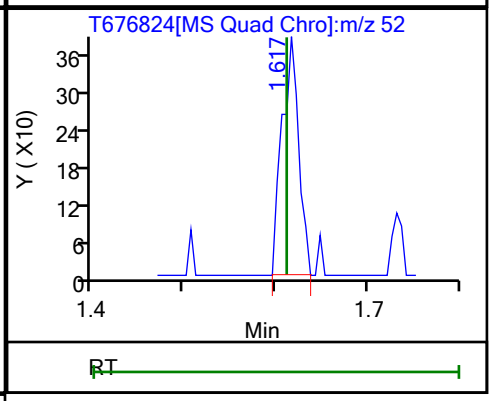
6 Chloromethane, CAS: 74-87-3

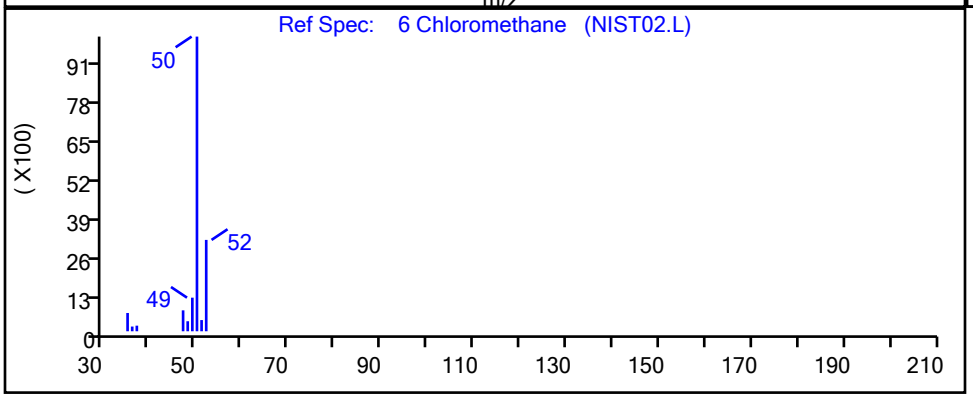
Processing Results











RT	Mass	Response	Amount
1.61	50.00	962	0.242184
1.62	52.00	493	

Reviewer: FK2C, 22-Apr-2024 11:12:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

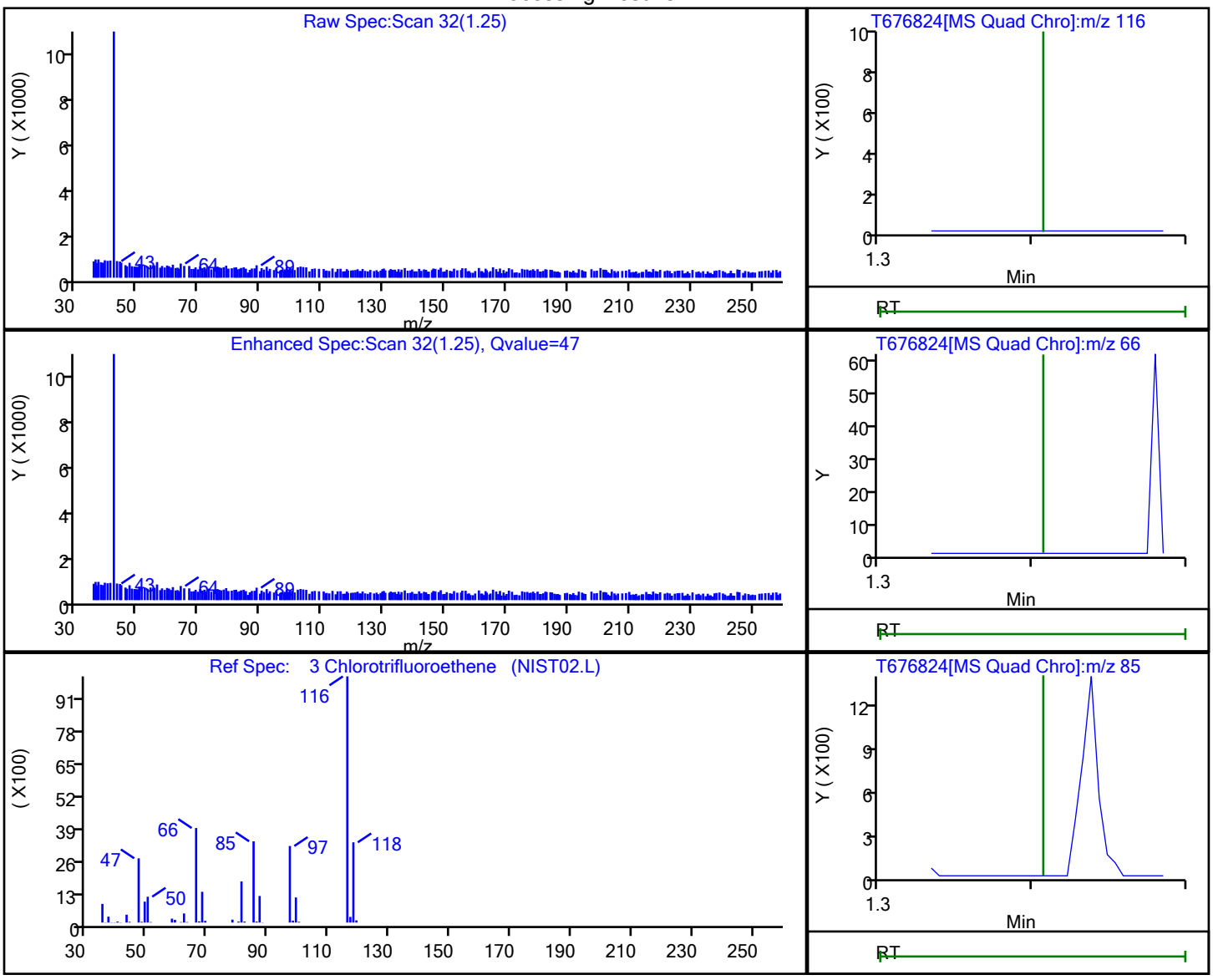
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.25	116.00	432	0.622035
1.25	66.00	722	
1.25	85.00	444	
1.25	118.00	657	

Reviewer: FK2C, 22-Apr-2024 11:12:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

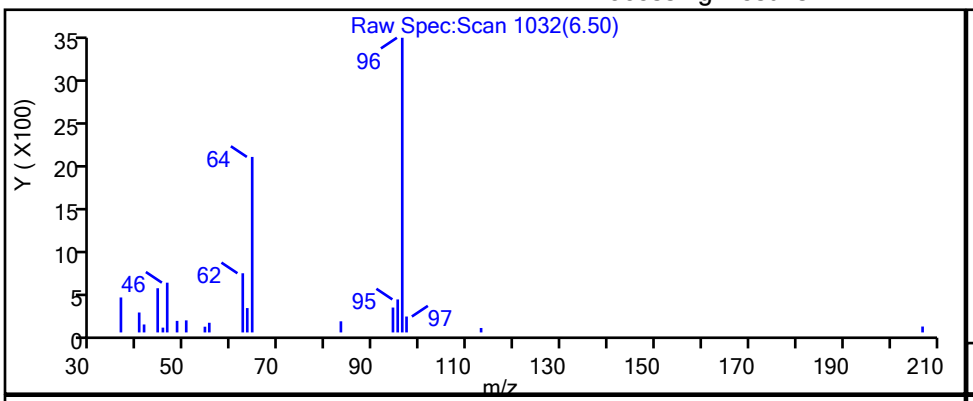
User Disabled Compound Report

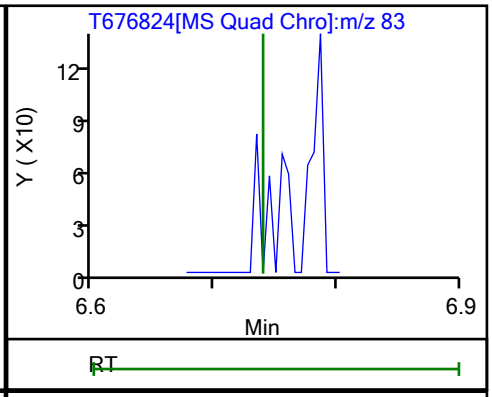
Eurofins Edison

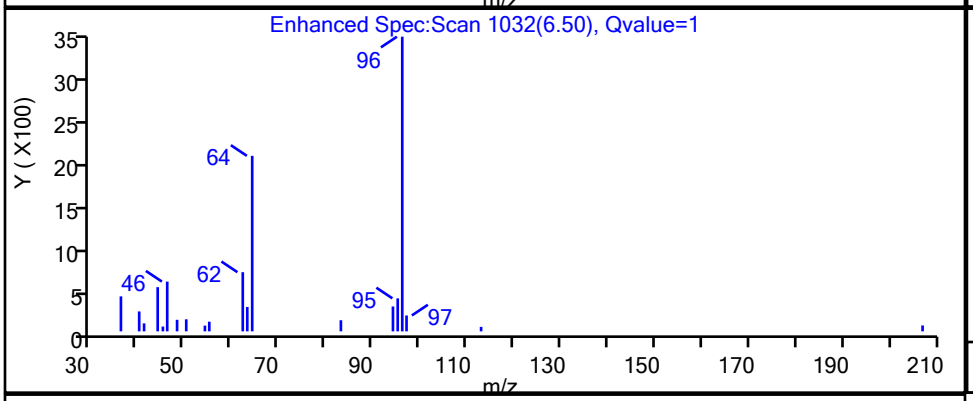
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

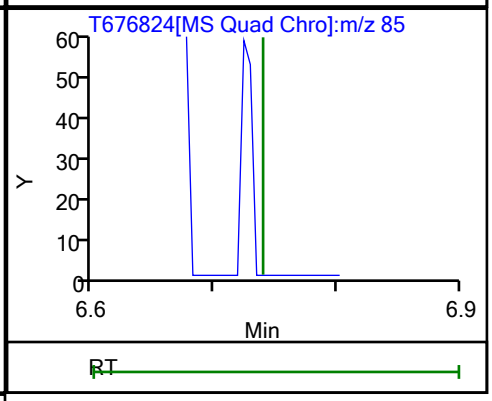
77 Dichlorobromomethane, CAS: 75-27-4

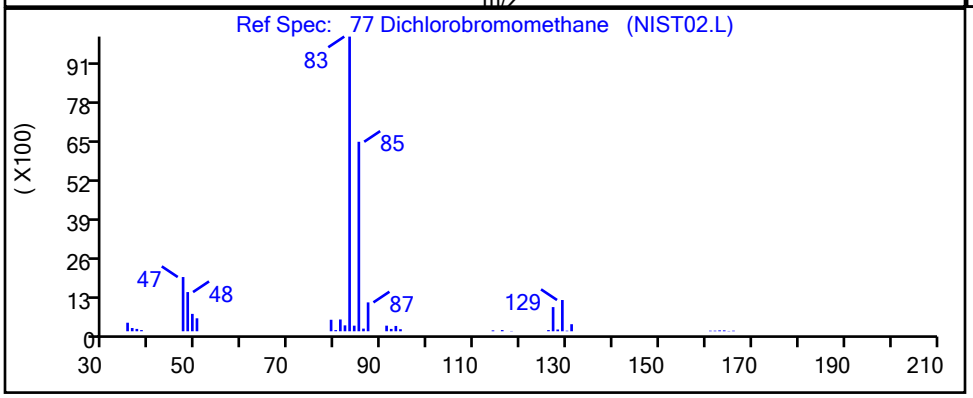
Processing Results











RT	Mass	Response	Amount
6.50	83.00	57	0.012624
6.49	85.00	46	

Reviewer: FK2C, 22-Apr-2024 11:12:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

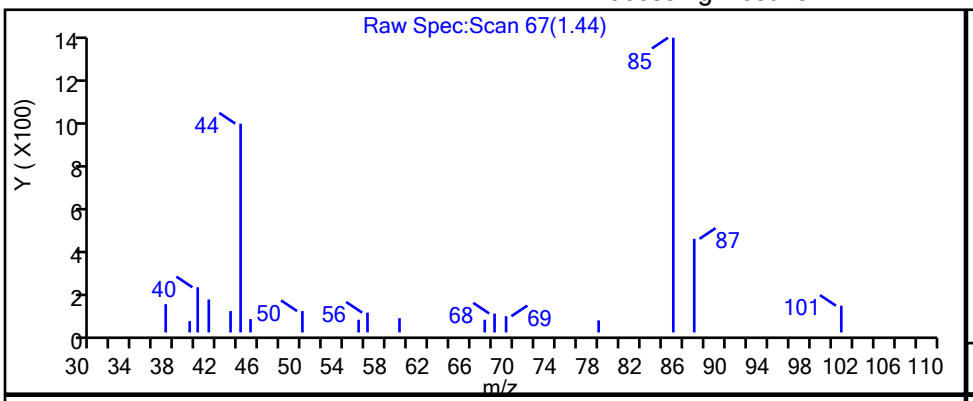
User Disabled Compound Report

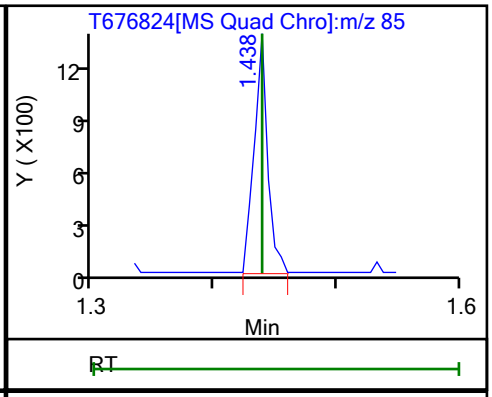
Eurofins Edison

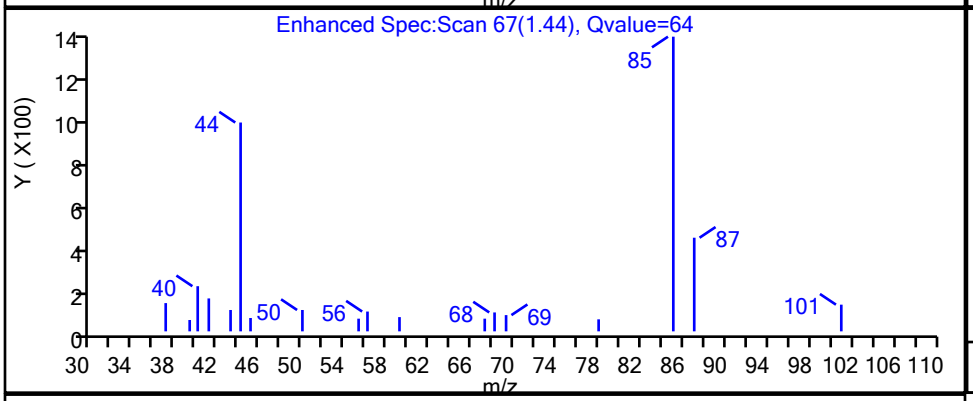
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

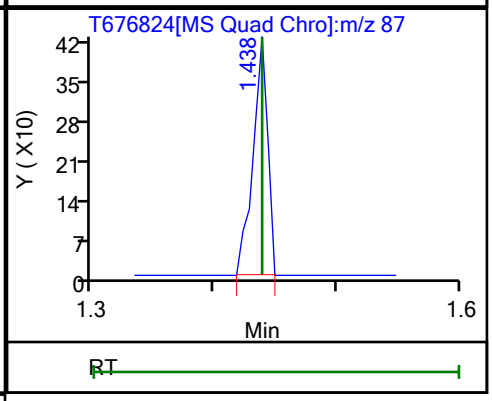
4 Dichlorodifluoromethane, CAS: 75-71-8

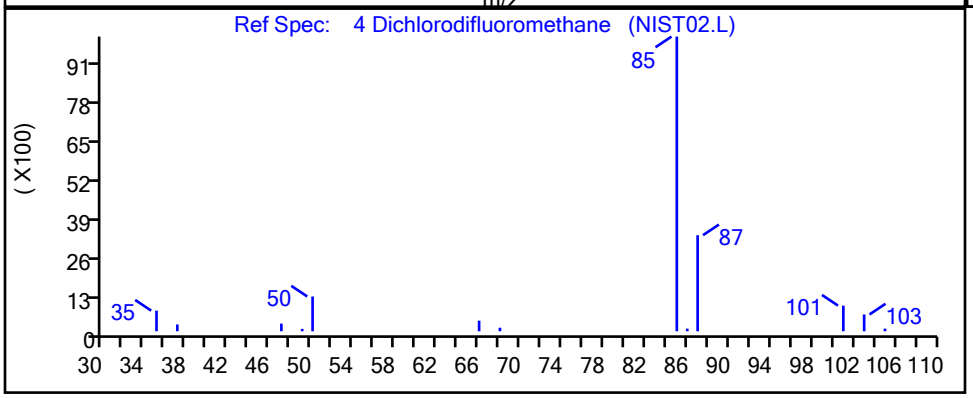
Processing Results











RT	Mass	Response	Amount
1.44	85.00	1017	0.242031
1.44	87.00	351	

Reviewer: FK2C, 22-Apr-2024 11:12:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

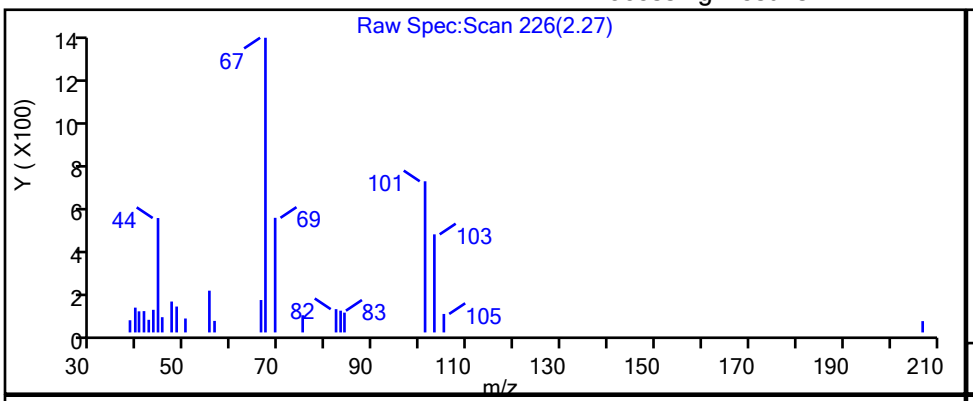
User Disabled Compound Report

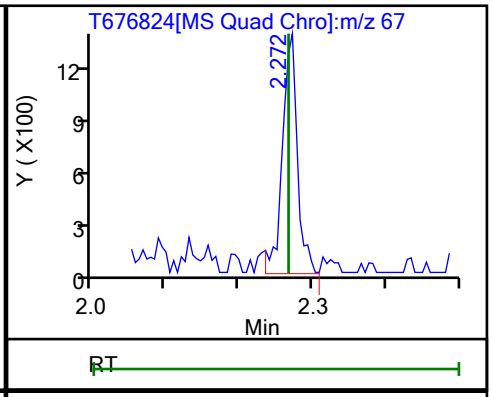
Eurofins Edison

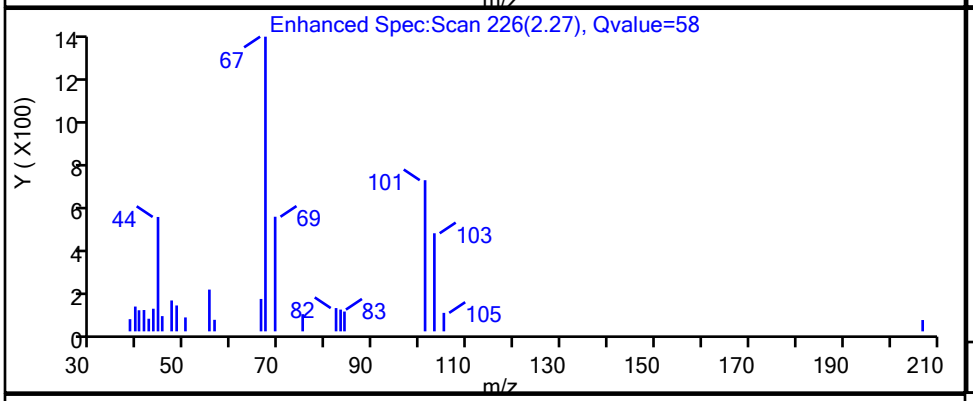
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

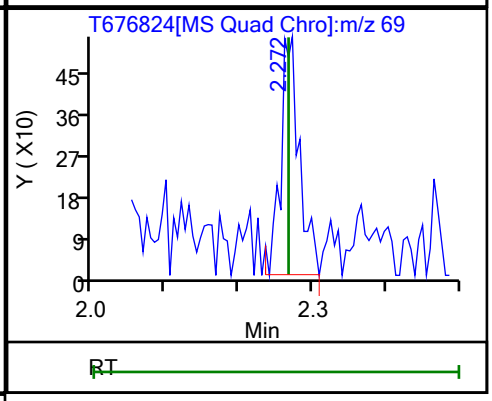
11 Dichlorofluoromethane, CAS: 75-43-4

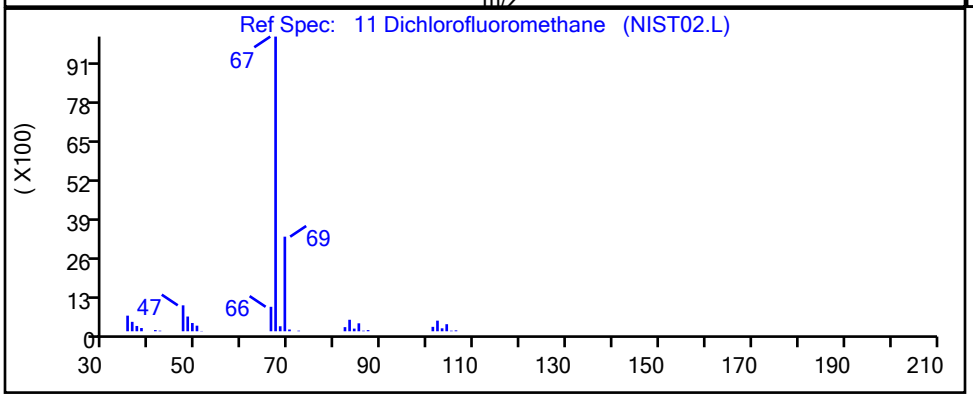
Processing Results











RT	Mass	Response	Amount
2.27	67.00	1913	0.283809
2.27	69.00	945	

Reviewer: FK2C, 22-Apr-2024 11:12:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

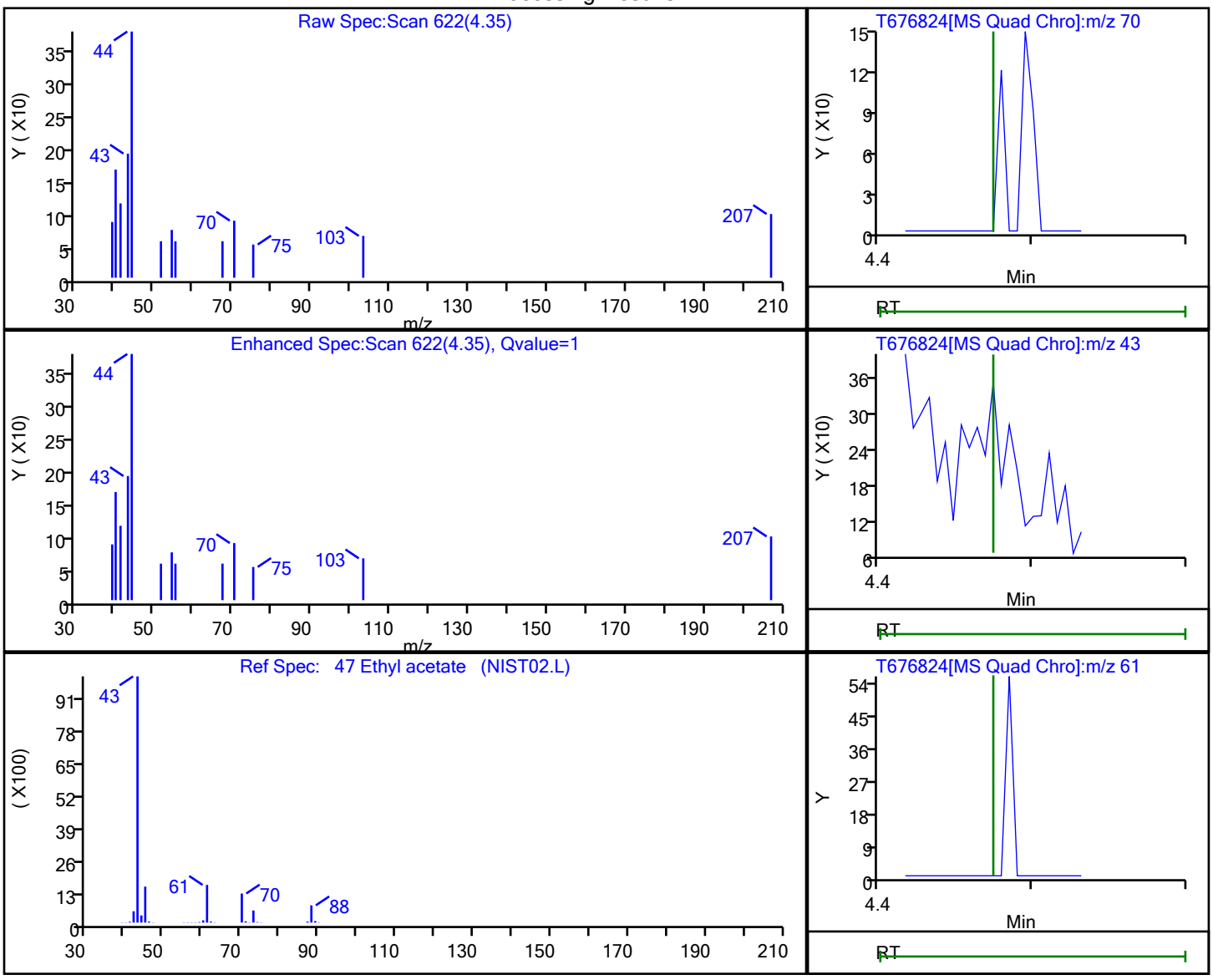
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.35	70.00	68	0.234092
4.35	43.00	160	
4.46	61.00	0	

Reviewer: FK2C, 22-Apr-2024 11:12:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

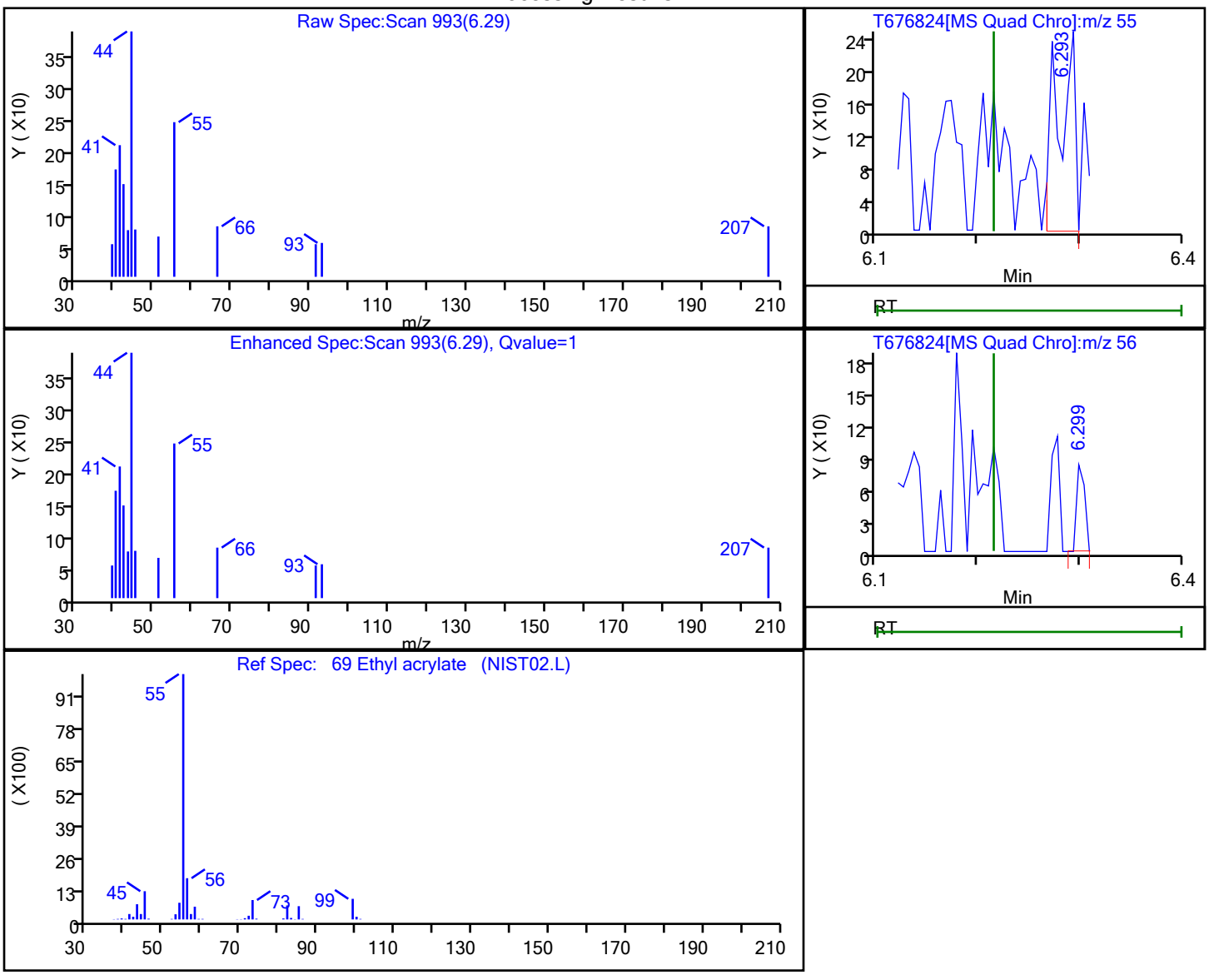
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.29	55.00	283	0.040326
6.30	56.00	46	

Reviewer: FK2C, 22-Apr-2024 11:12:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

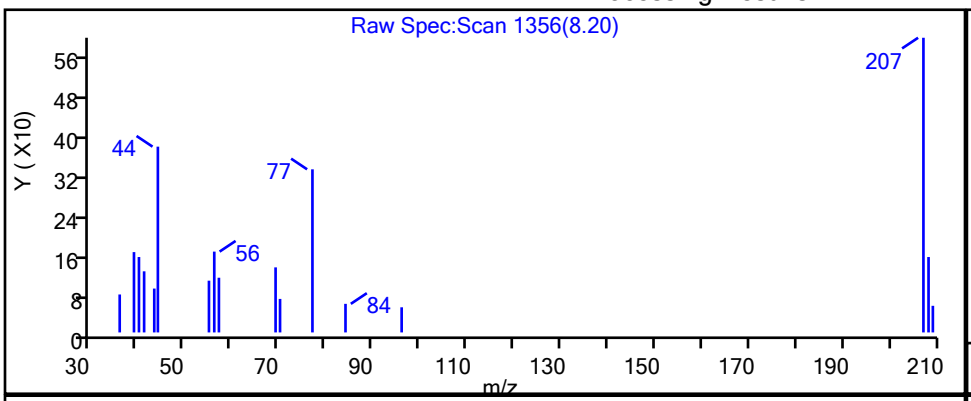
User Disabled Compound Report

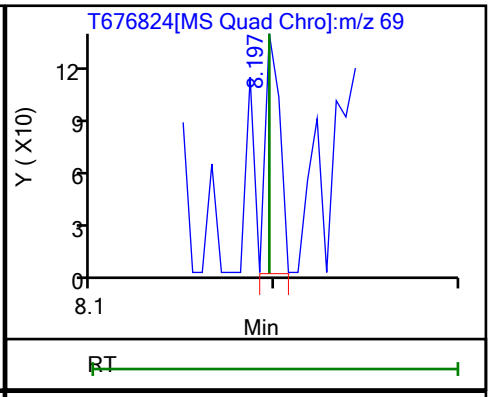
Eurofins Edison

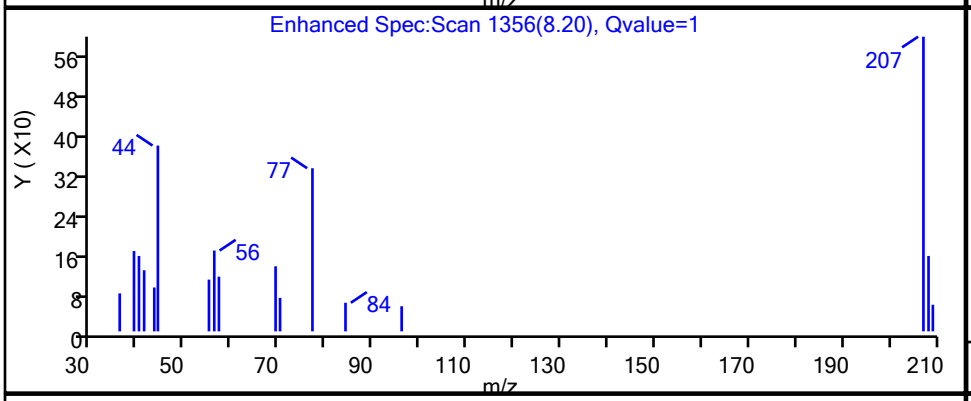
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

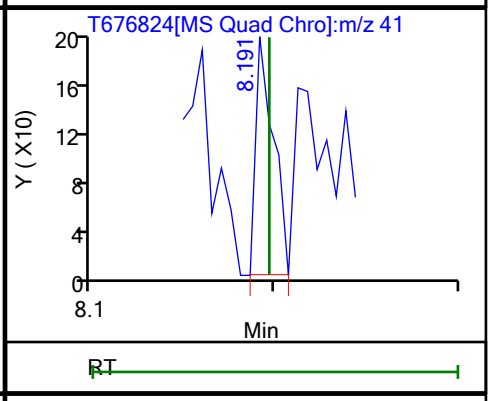
86 Ethyl methacrylate, CAS: 97-63-2

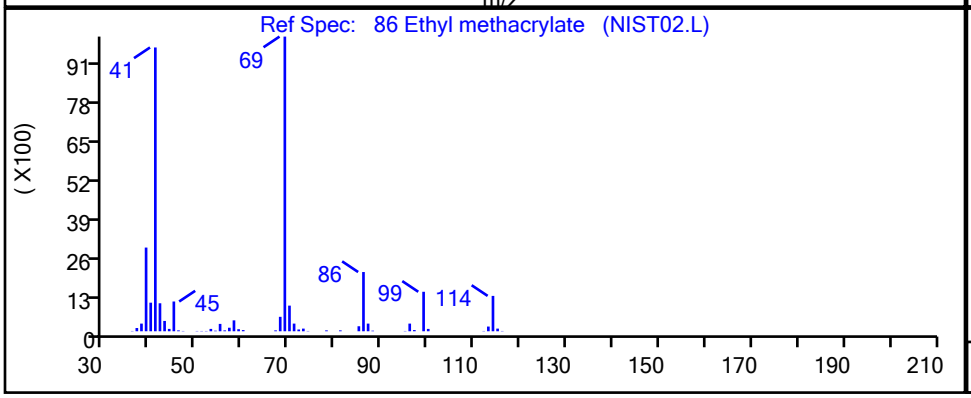
Processing Results

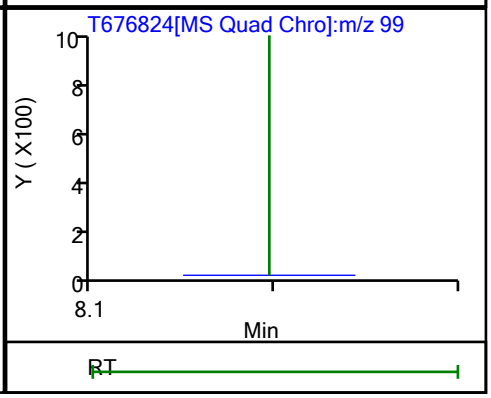












RT	Mass	Response	Amount
8.20	69.00	72	0.017334
8.19	41.00	132	
8.19	99.00	0	

Reviewer: FK2C, 22-Apr-2024 11:12:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

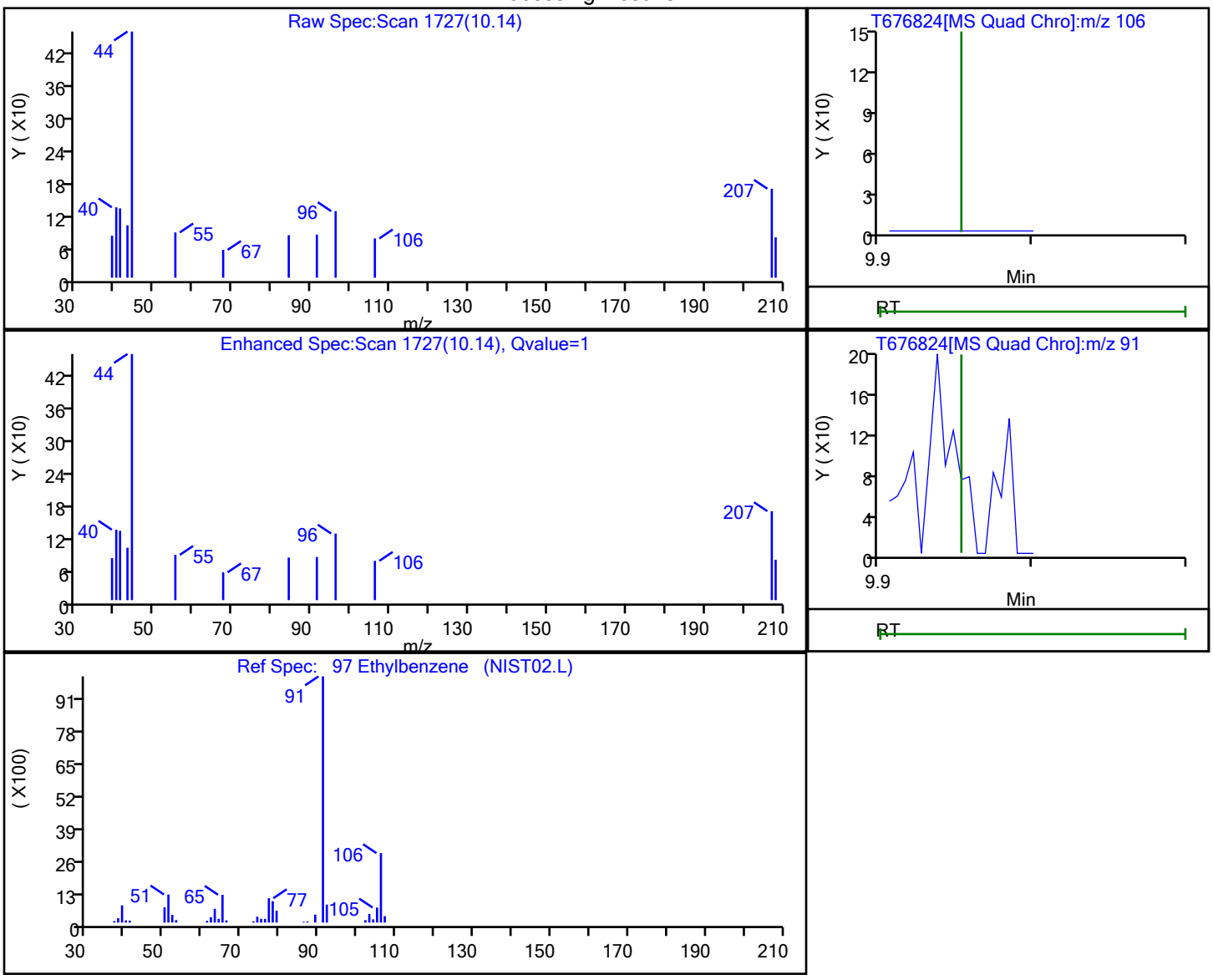
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
10.14	106.00	42	0.008476
10.14	91.00	51	

Reviewer: FK2C, 22-Apr-2024 11:13:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

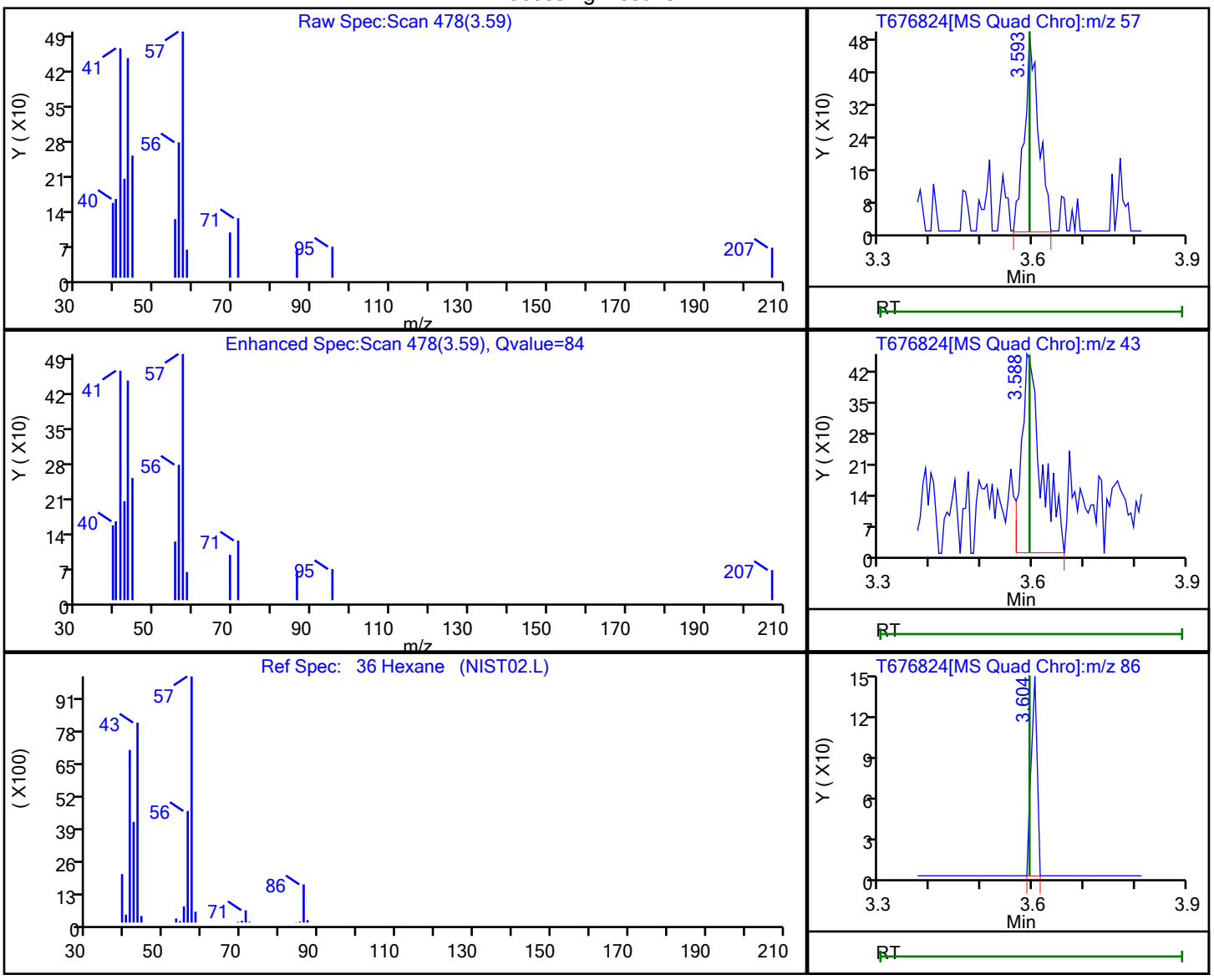
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
3.59	57.00	967	0.254561
3.59	43.00	1227	
3.60	86.00	121	
3.59	56.00	432	

Reviewer: FK2C, 22-Apr-2024 11:12:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

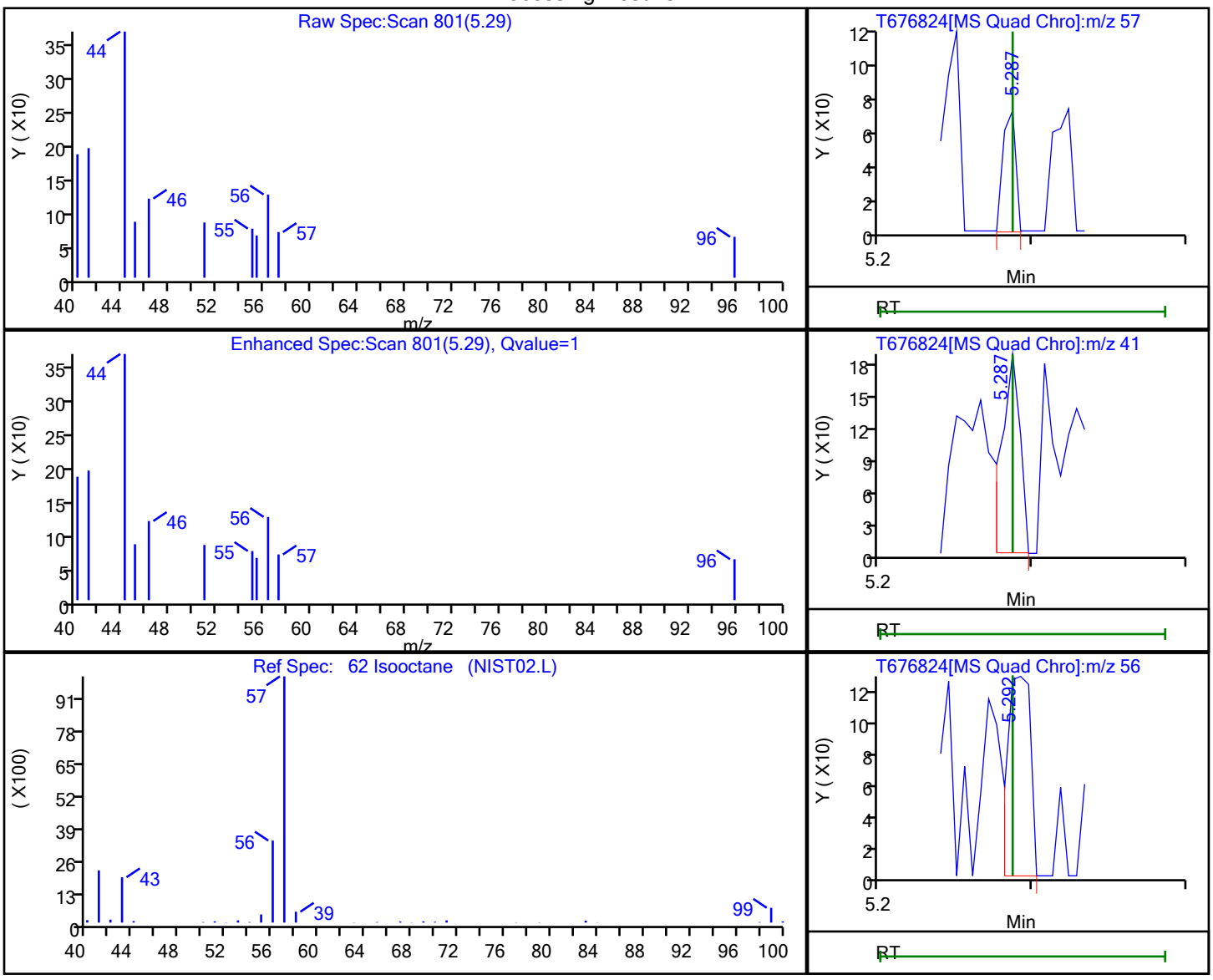
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.29	57.00	39	0.005591
5.29	41.00	160	
5.29	56.00	132	

Reviewer: FK2C, 22-Apr-2024 11:12:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

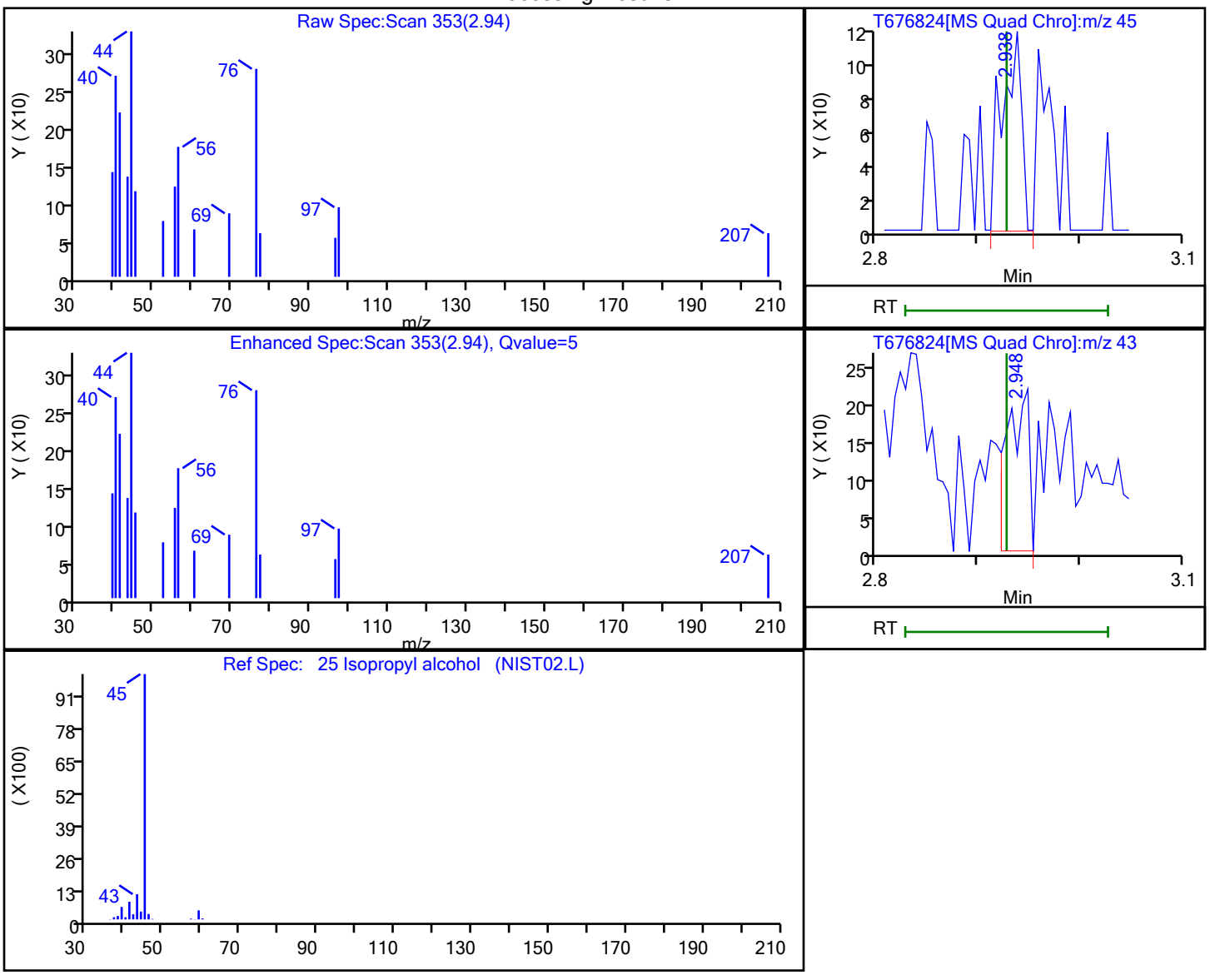
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.94	45.00	148	1.024041
2.95	43.00	325	

Reviewer: FK2C, 22-Apr-2024 11:12:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

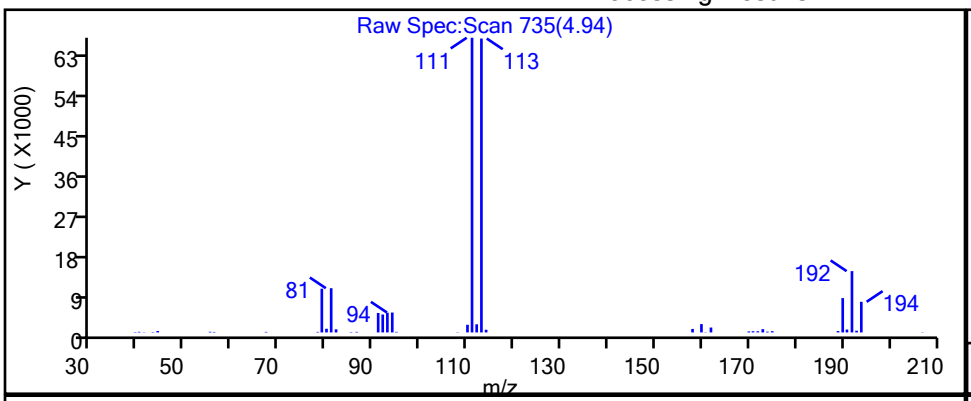
User Disabled Compound Report

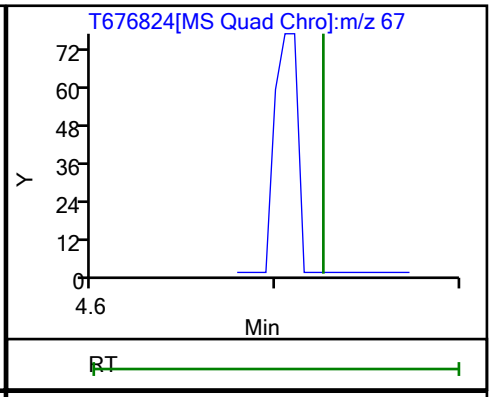
Eurofins Edison

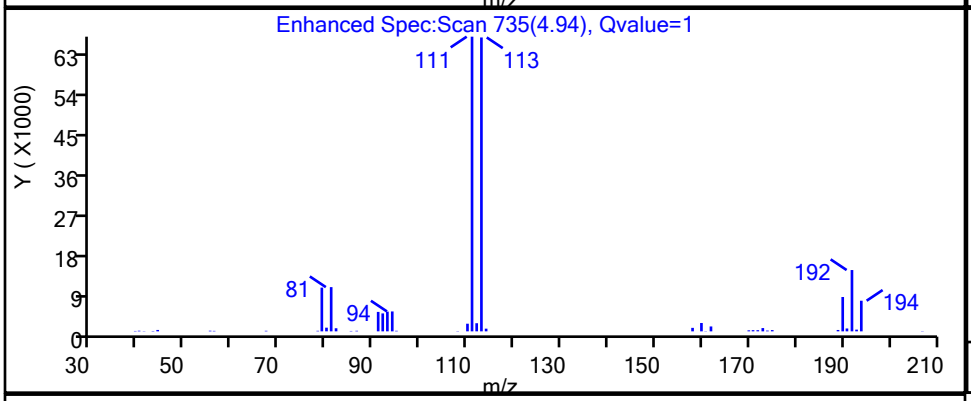
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

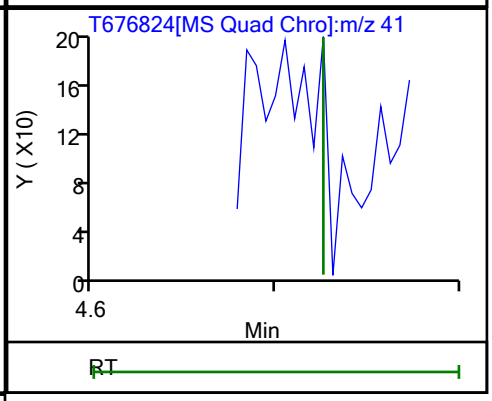
50 Methacrylonitrile, CAS: 126-98-7

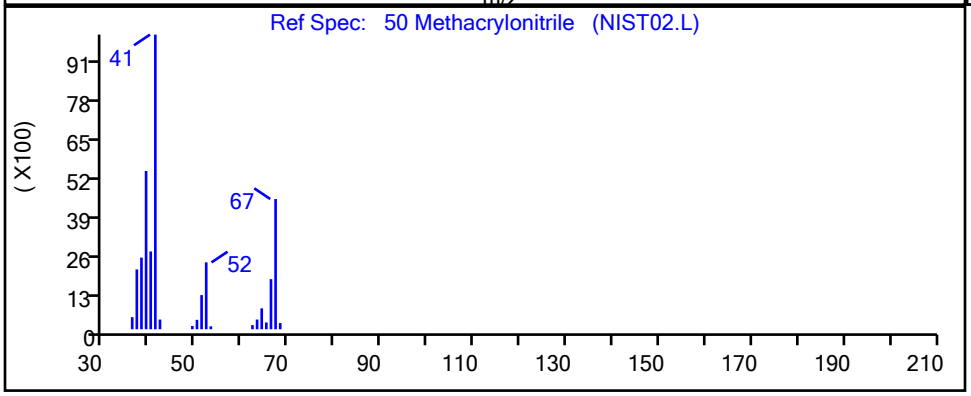
Processing Results











RT	Mass	Response	Amount
4.94	67.00	62	0.051564
4.95	41.00	101	

Reviewer: FK2C, 22-Apr-2024 11:12:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

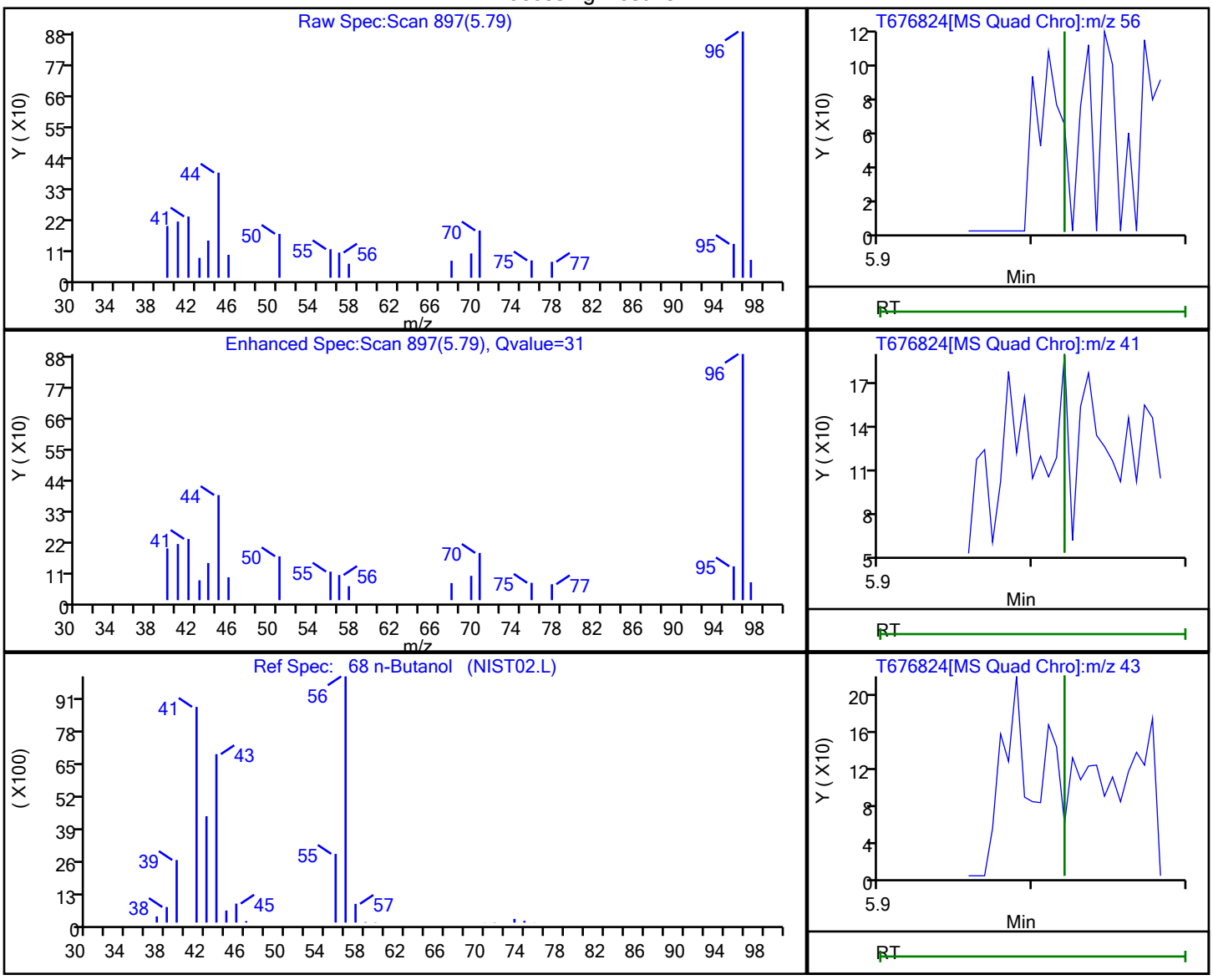
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.79	56.00	54	0.862498
5.79	41.00	111	
5.79	43.00	112	

Reviewer: FK2C, 22-Apr-2024 11:12:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

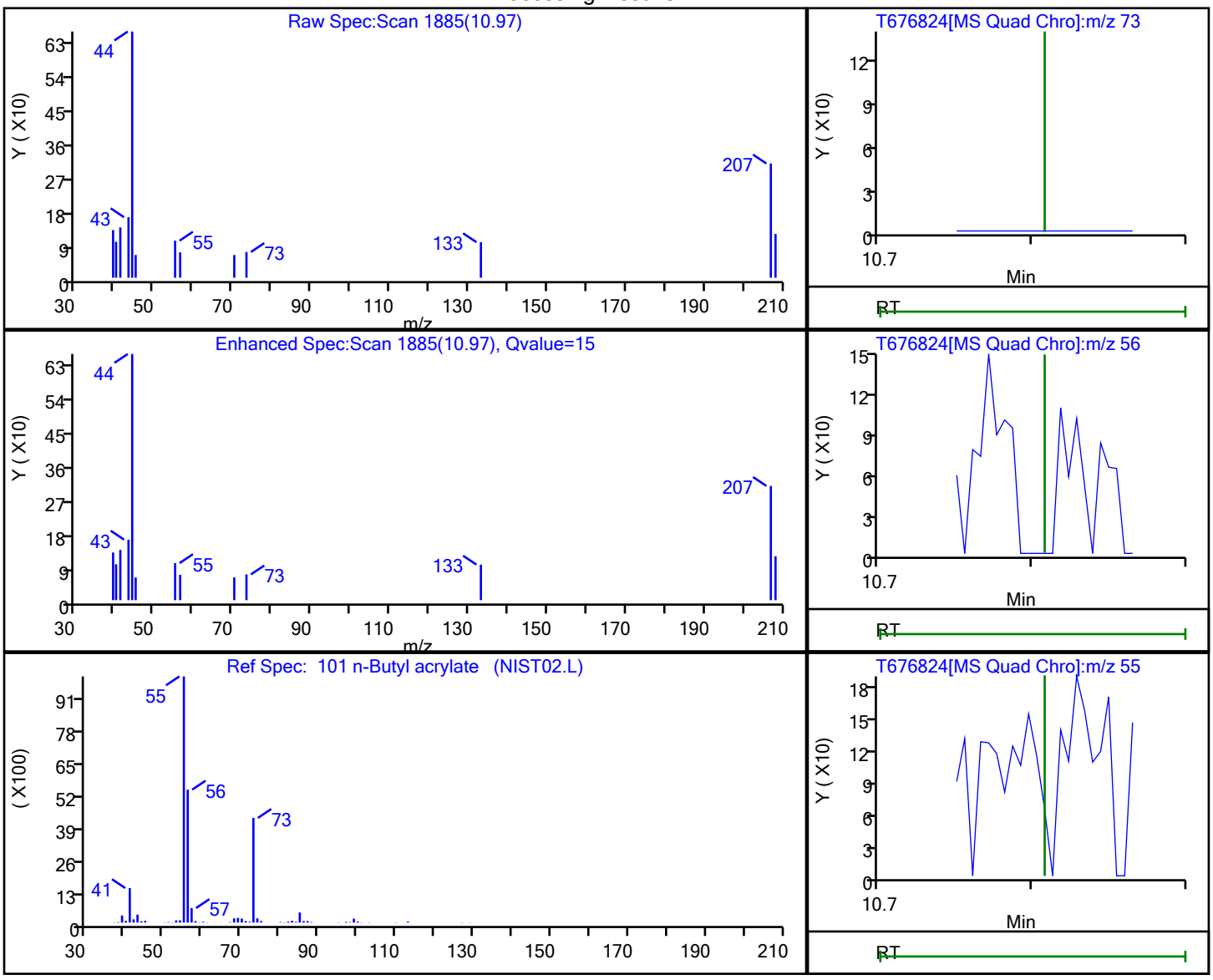
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.97	73.00	21	0.008676
10.98	56.00	52	
10.98	55.00	185	

Reviewer: FK2C, 22-Apr-2024 11:13:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

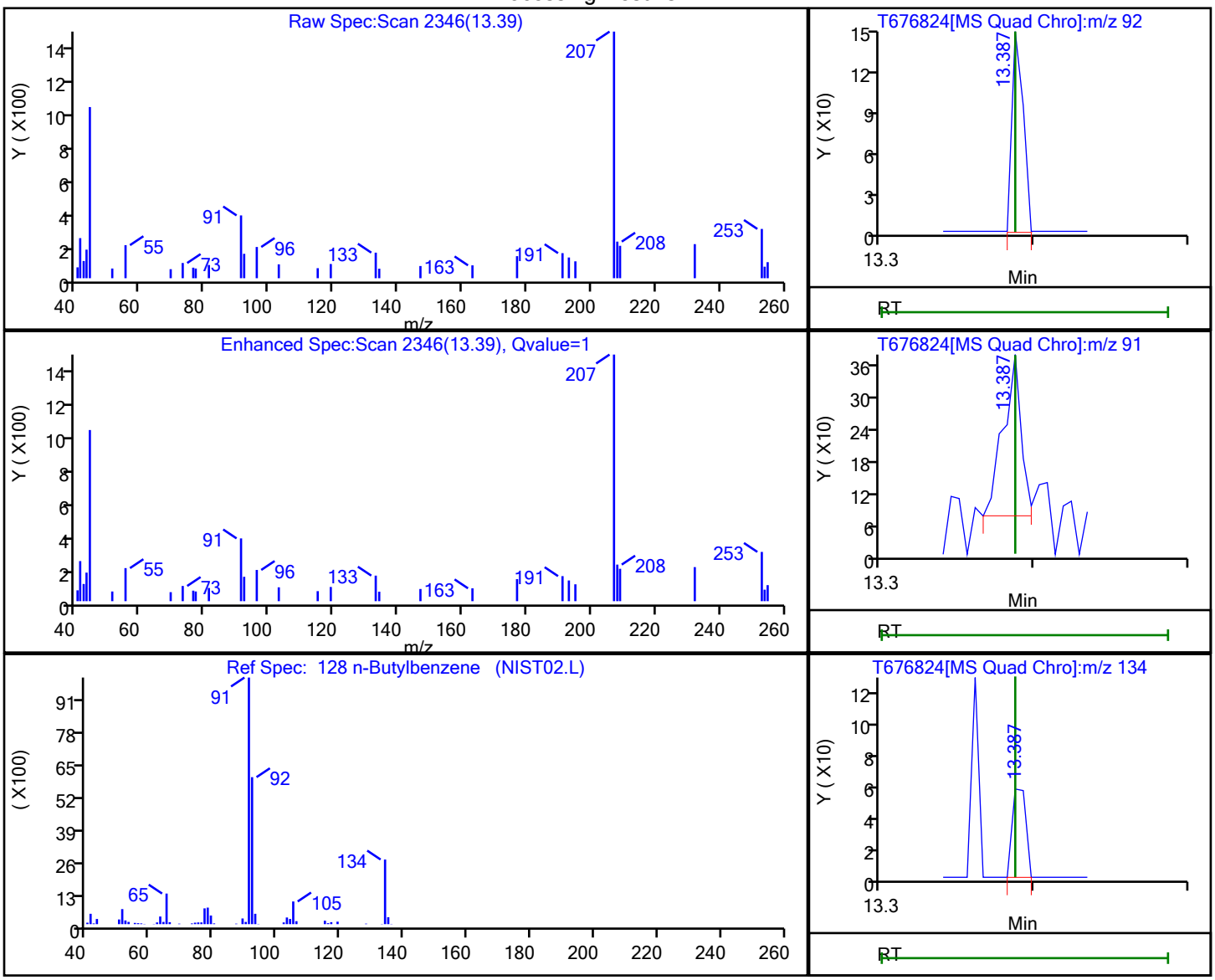
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
13.39	92.00	75	0.013760
13.39	91.00	250	
13.39	134.00	36	

Reviewer: FK2C, 22-Apr-2024 11:13:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

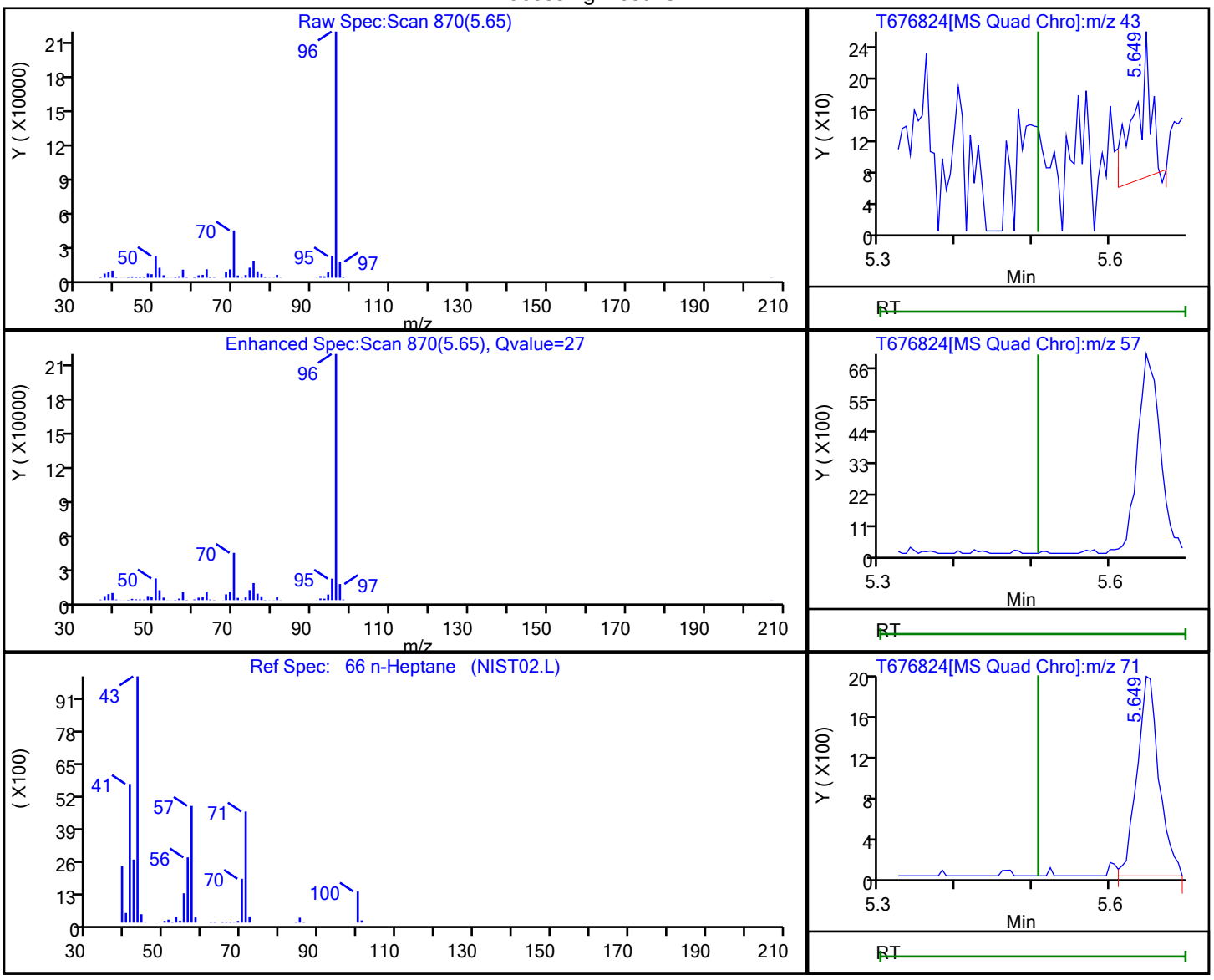
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.65	43.00	260	0.089483
5.65	57.00	14726	
5.65	71.00	3944	

Reviewer: FK2C, 22-Apr-2024 11:12:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

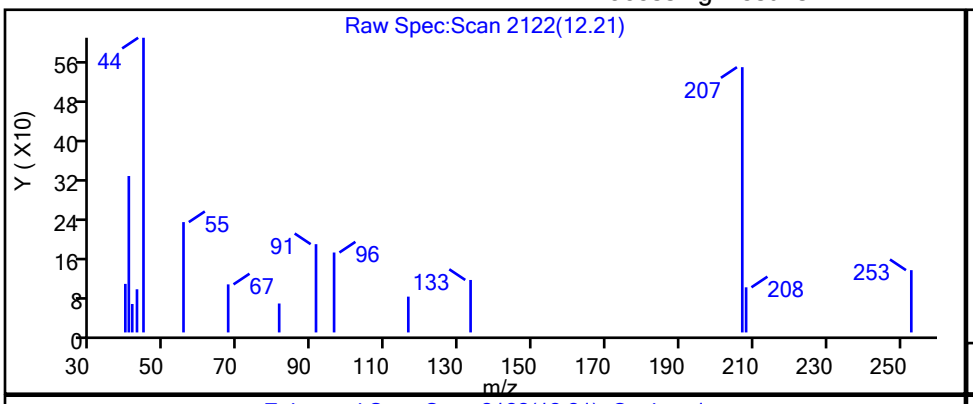
User Disabled Compound Report

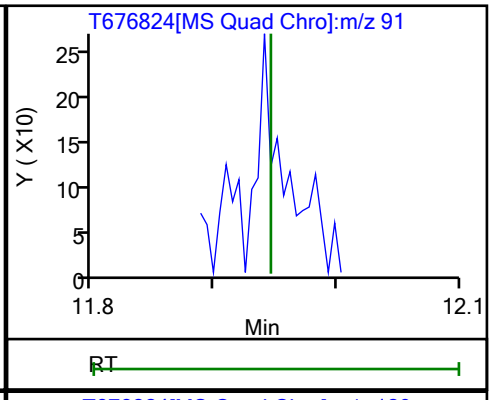
Eurofins Edison

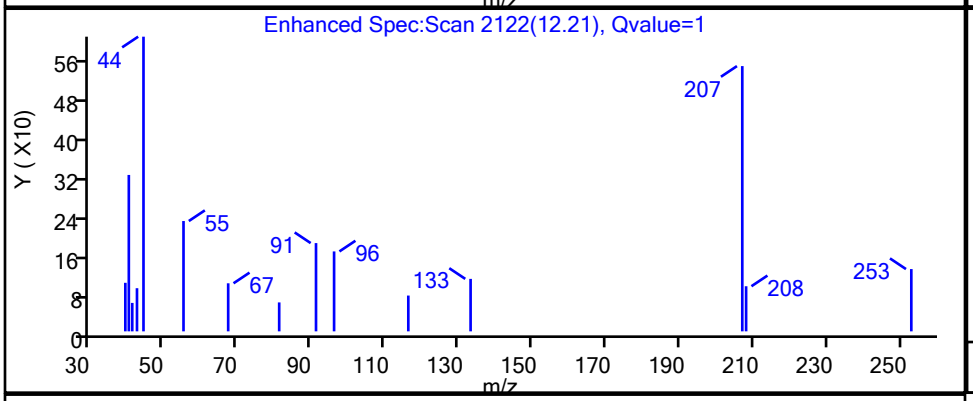
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

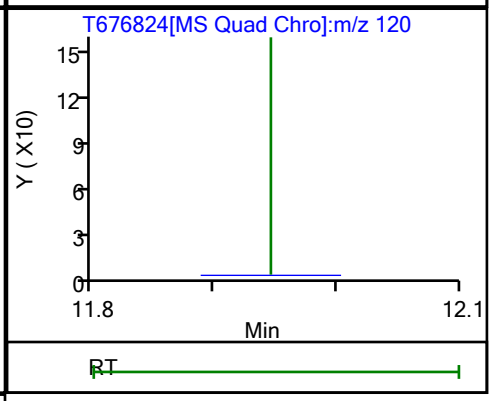
110 N-Propylbenzene, CAS: 103-65-1

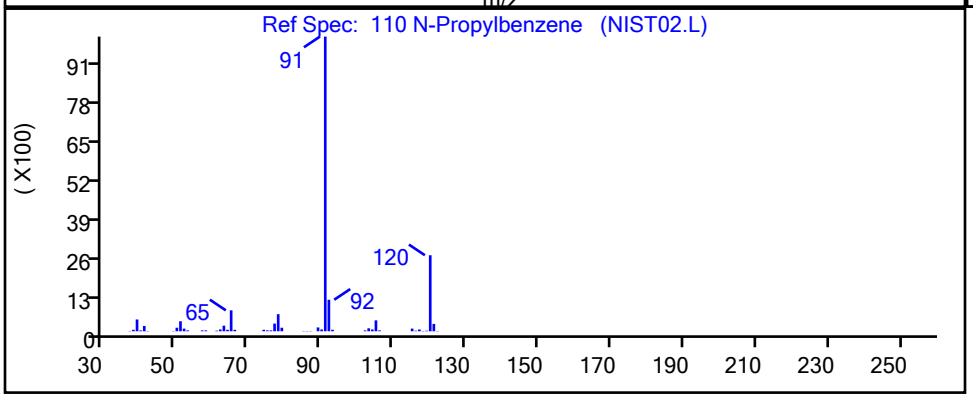
Processing Results











RT	Mass	Response	Amount
12.21	91.00	124	0.007028
12.22	120.00	43	

Reviewer: FK2C, 22-Apr-2024 11:13:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

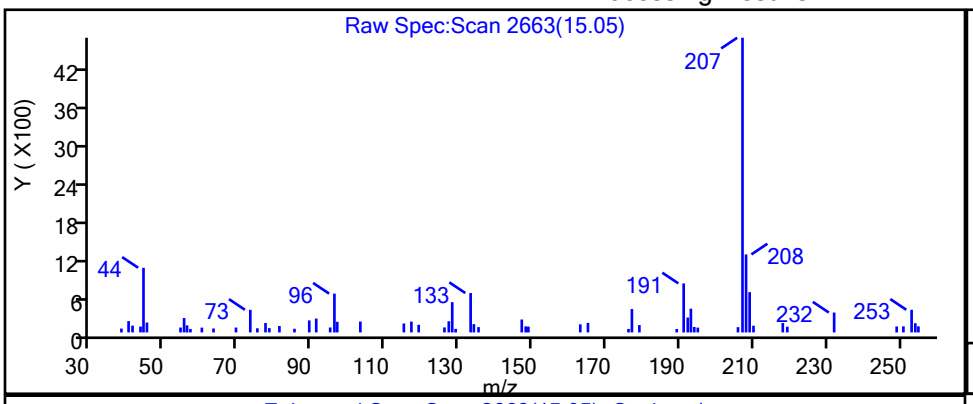
User Disabled Compound Report

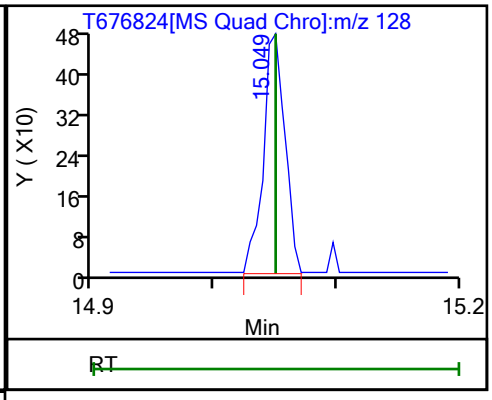
Eurofins Edison

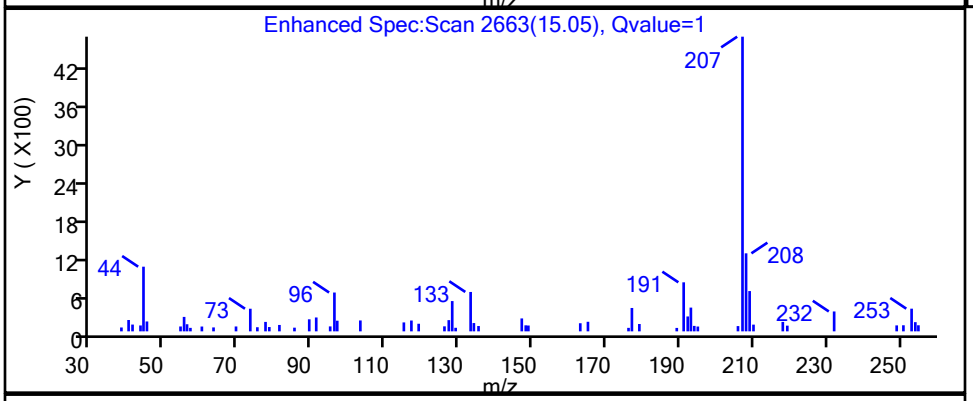
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

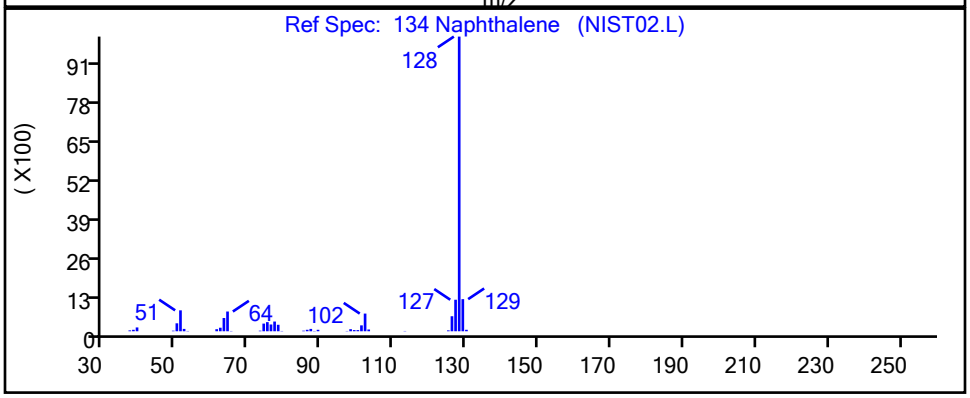
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.05	128.00	587	0.078540

Reviewer: FK2C, 22-Apr-2024 11:13:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

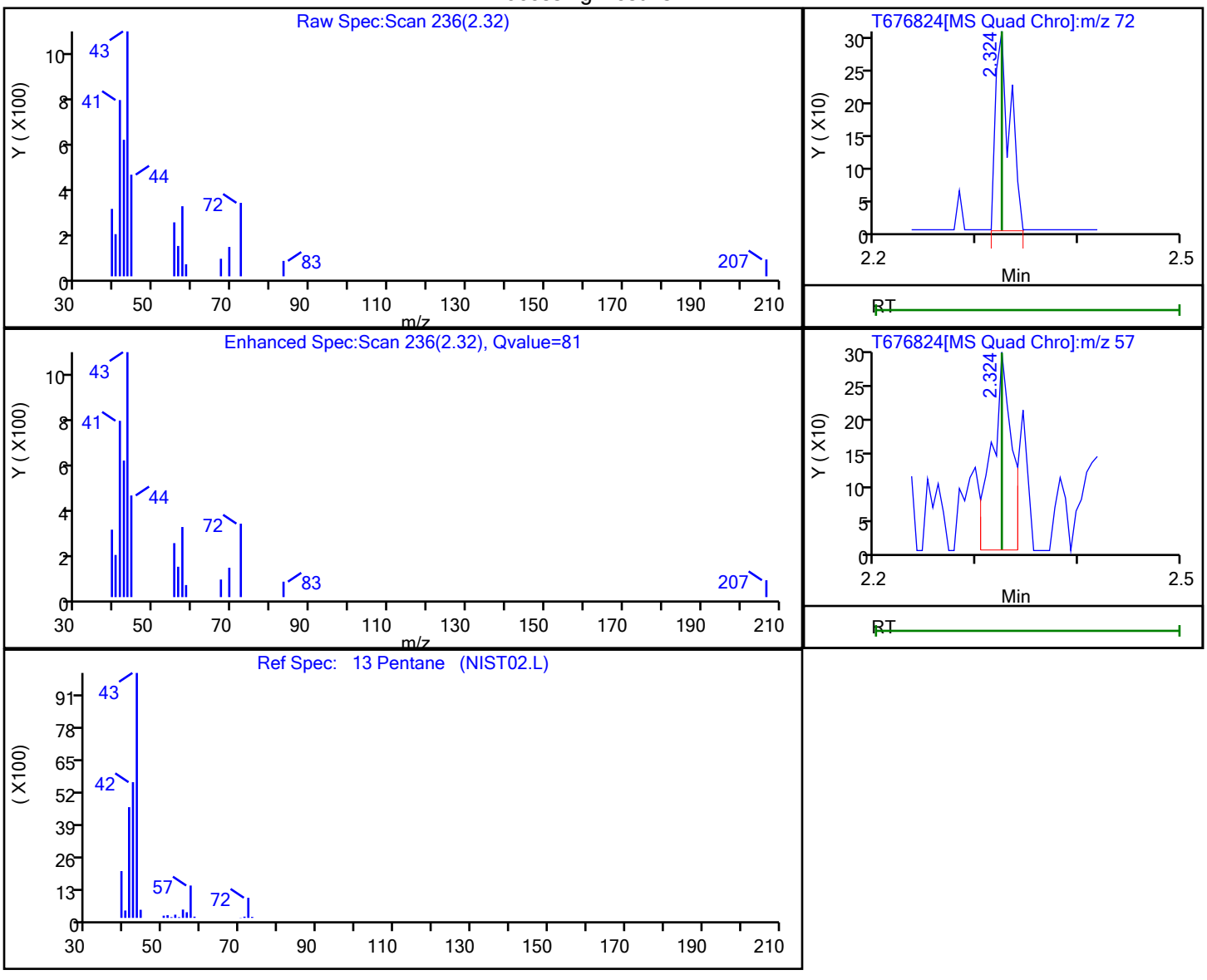
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.32	72.00	302	0.562057
2.32	57.00	396	

Reviewer: FK2C, 22-Apr-2024 11:12:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

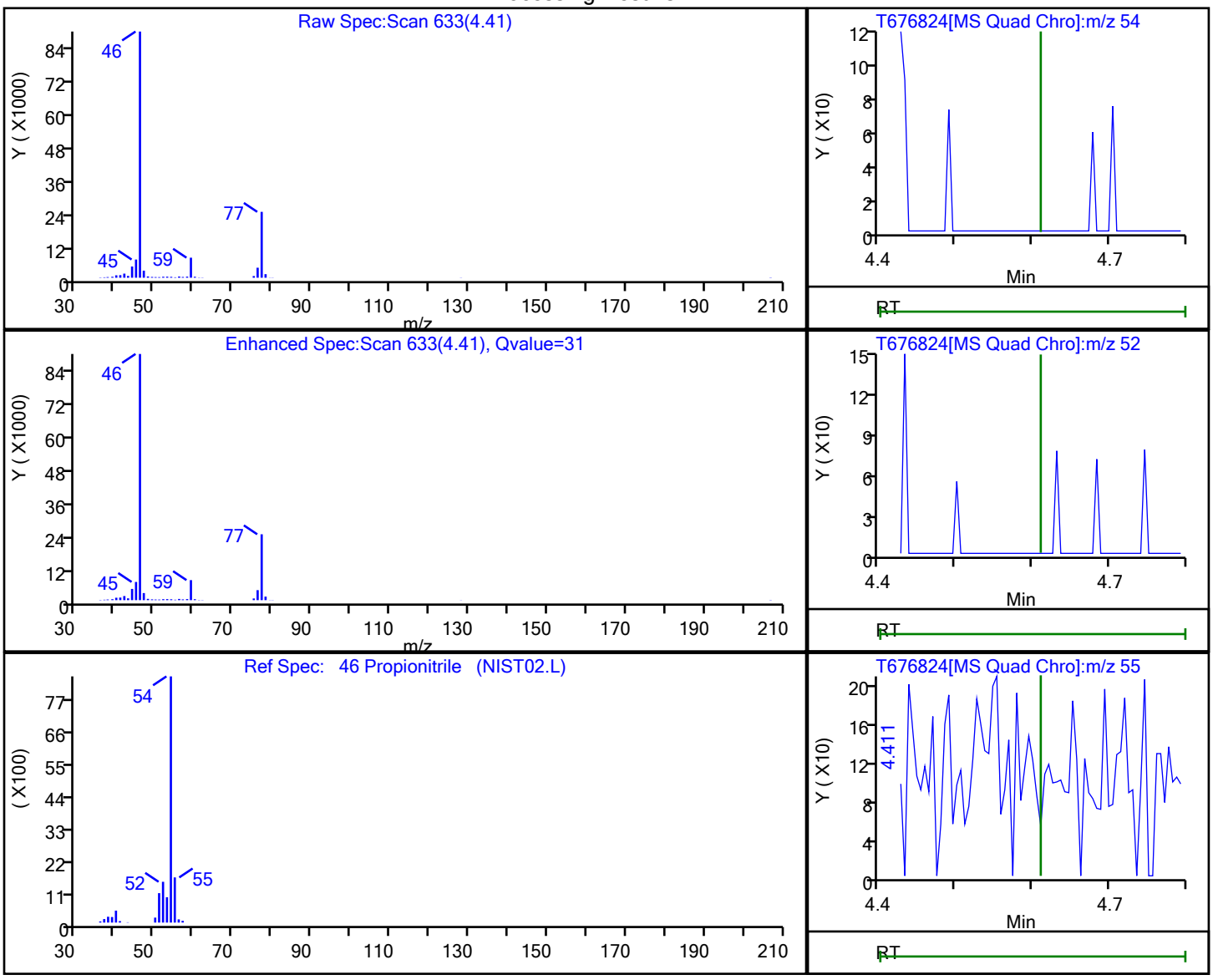
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.41	54.00	669	1.596947
4.40	52.00	985	
4.41	55.00	301	

Reviewer: FK2C, 22-Apr-2024 11:12:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

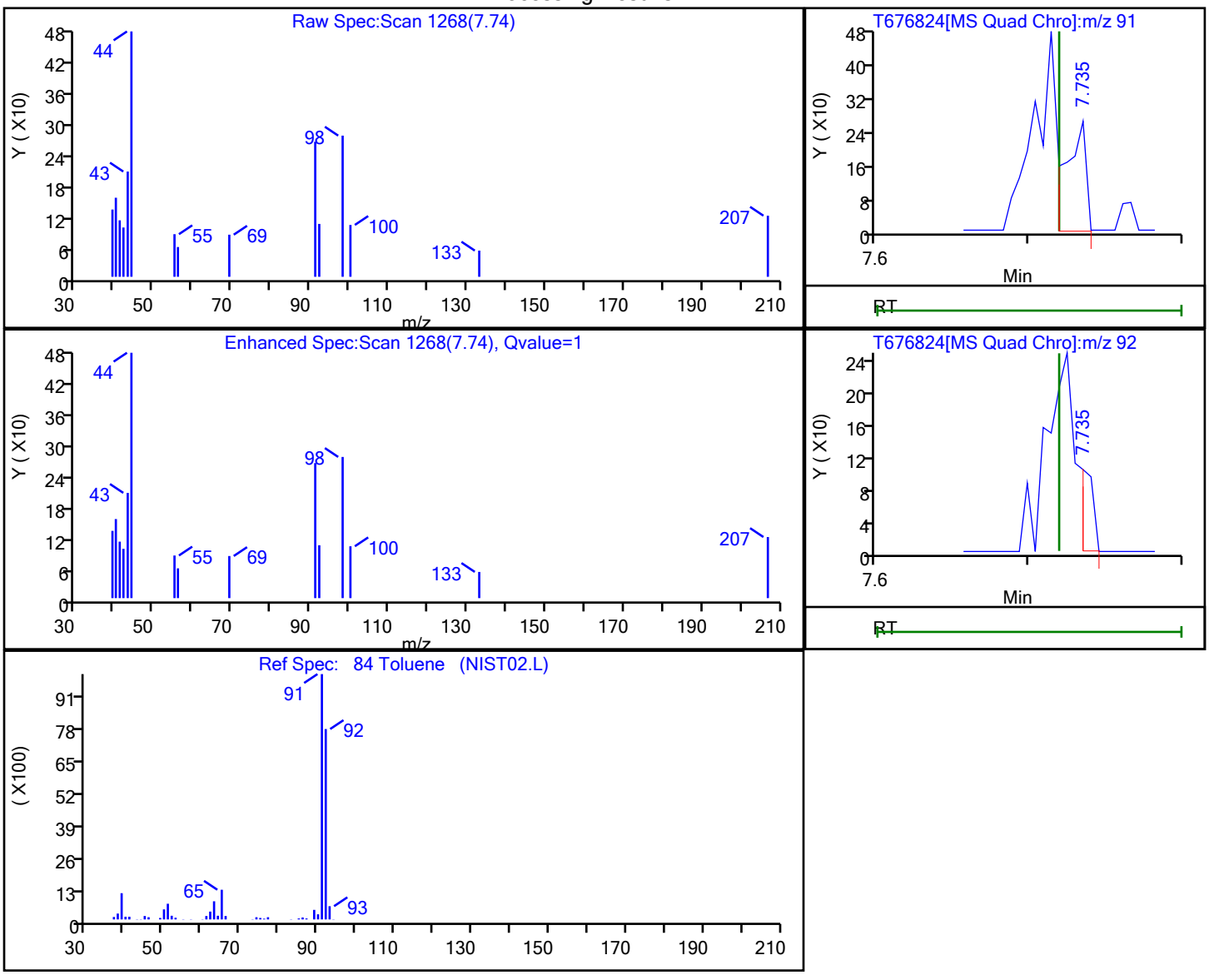
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.74	91.00	240	0.016940
7.74	92.00	62	

Reviewer: FK2C, 22-Apr-2024 11:12:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

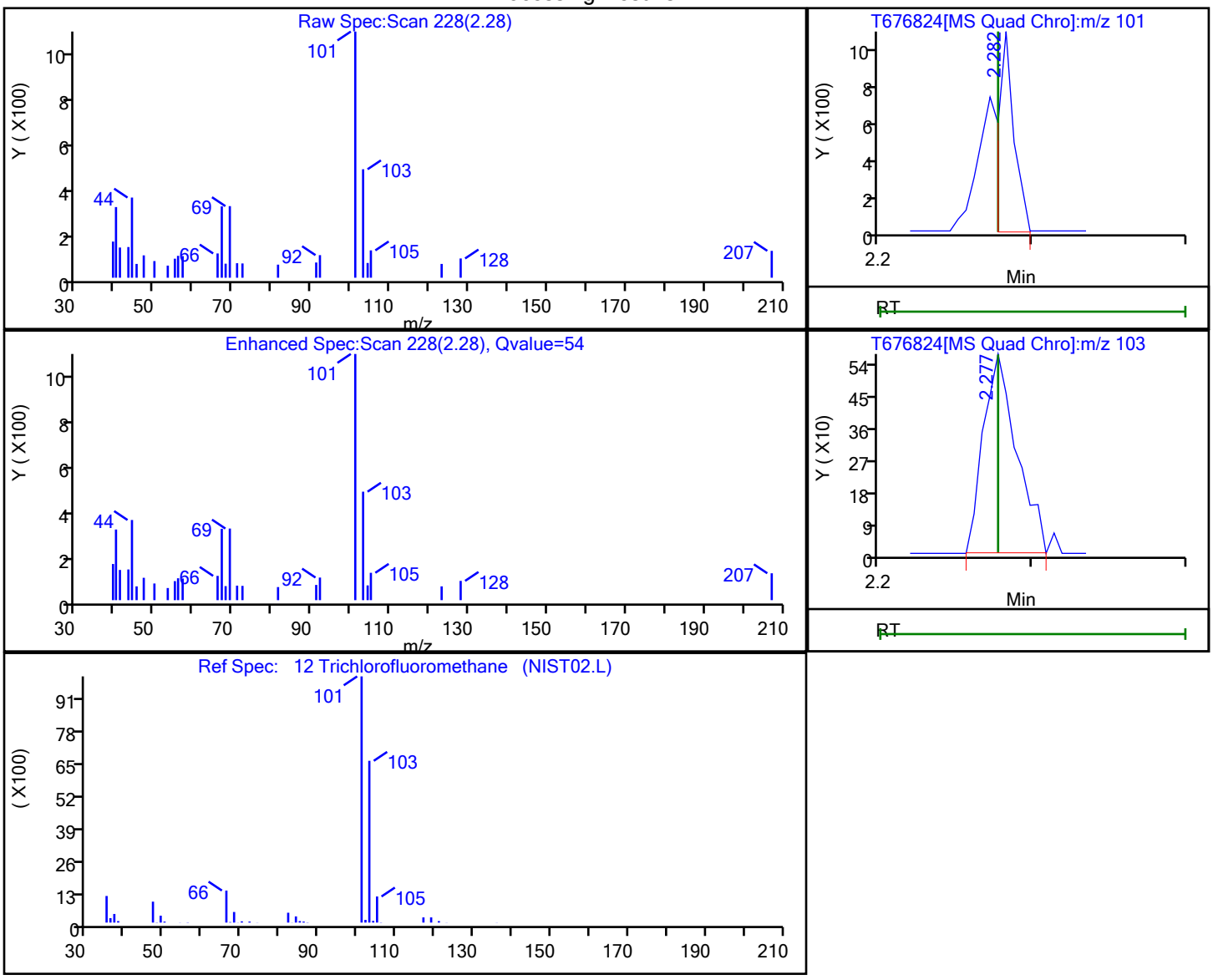
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.28	101.00	719	0.123760
2.28	103.00	867	

Reviewer: FK2C, 22-Apr-2024 11:12:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

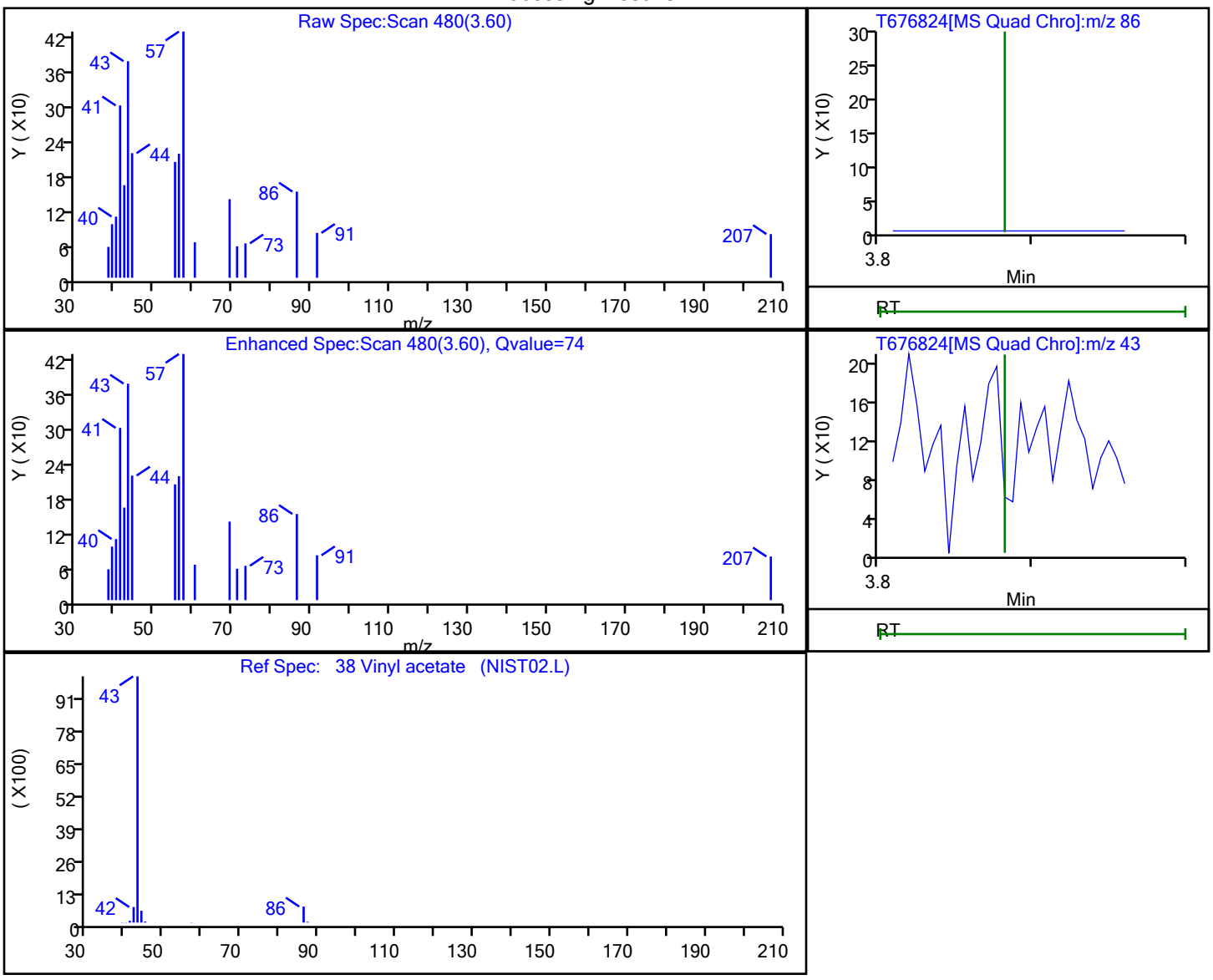
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.60	86.00	121	0.217696
3.59	43.00	897	

Reviewer: FK2C, 22-Apr-2024 11:12:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

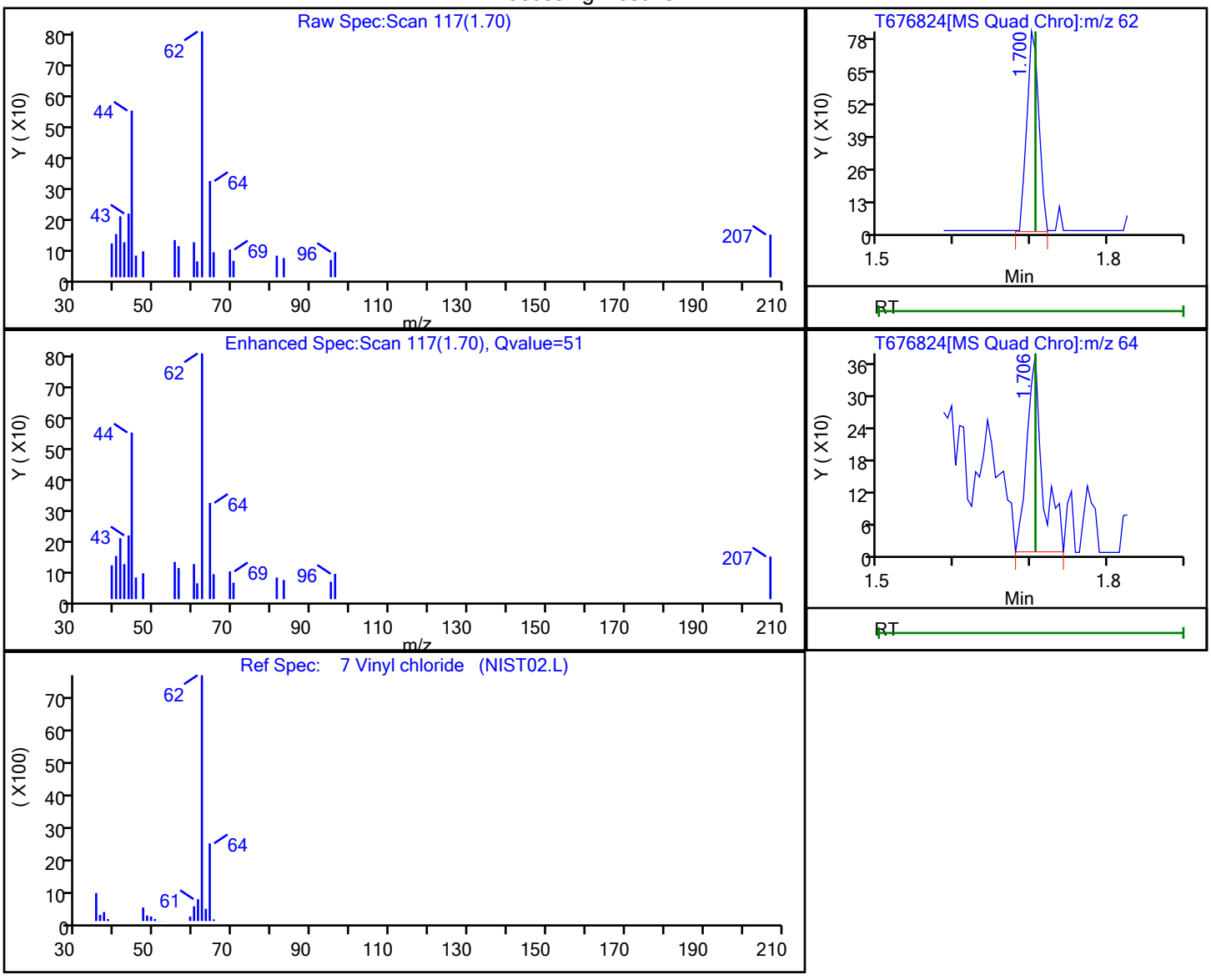
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676824.D
Injection Date: 21-Apr-2024 09:57:40 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.70	62.00	879	0.240712
1.71	64.00	538	

Reviewer: FK2C, 22-Apr-2024 11:12:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Apr-2024 11:05:19 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0174952-006
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:13:51 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: HVW2 Date: 21-Apr-2024 12:23:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	32	791	5.00	6.91	a
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	89	2813	5.00	4.81	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	94	7144	5.00	5.17	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	99	18160	5.00	5.11	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	79	2704	5.00	5.34	
6 Chloromethane	50	1.611	1.611	0.000	98	16208	5.00	4.47	
7 Vinyl chloride	62	1.706	1.706	0.000	98	16368	5.00	4.93	
8 Butadiene	54	1.732	1.727	0.005	96	13435	5.00	5.12	
9 Bromomethane	94	2.005	1.999	0.006	88	2692	5.00	2.24	
10 Chloroethane	64	2.088	2.088	0.000	96	10496	5.00	4.52	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	97	29523	5.00	5.07	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	98	22503	5.00	5.05	
13 Pentane	72	2.324	2.324	0.000	97	4842	10.0	9.84	
14 Ethanol	46	2.476	2.476	0.000	92	3215	200.0	223.1	
15 Ethyl ether	59	2.529	2.529	0.000	96	12444	5.00	5.01	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	95	11810	5.00	5.39	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	85	12693	5.00	5.58	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	85	21176	5.00	5.47	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.707	2.707	0.000	95	13736	5.00	5.43	
19 Acrolein	56	2.707	2.707	0.000	92	9562	20.0	17.9	
20 1,1-Dichloroethene	96	2.744	2.739	0.005	97	14037	5.00	5.24	
22 Acetone	43	2.833	2.833	0.000	87	18090	25.0	20.9	
23 Iodomethane	142	2.896	2.901	-0.005	98	12251	5.00	4.44	
25 Isopropyl alcohol	45	2.922	2.927	-0.005	40	8847	50.0	50.9	
24 Carbon disulfide	76	2.933	2.933	0.000	100	49778	5.00	5.31	
27 3-Chloro-1-propene	76	3.079	3.079	0.000	89	9601	5.00	5.49	
28 Methyl acetate	43	3.095	3.095	0.000	93	21497	10.0	11.4	
29 Cyclopentene	67	3.100	3.100	0.000	90	29463	5.00	5.50	
26 Acetonitrile	41	3.153	3.153	0.000	97	18946	50.0	55.3	a
* 31 TBA-d9 (IS)	66	3.200	3.195	0.005	98	33887	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	48	16790	5.00	5.16	
32 2-Methyl-2-propanol	59	3.279	3.273	0.006	98	12996	50.0	50.6	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	97	37975	5.00	5.31	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	92	15529	5.00	4.97	
33 Acrylonitrile	53	3.499	3.504	-0.005	95	58113	50.0	57.6	
36 Hexane	57	3.598	3.593	0.005	90	17821	5.00	4.99	
40 Isopropyl ether	45	3.829	3.824	0.005	97	43595	5.00	5.32	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	94	27048	5.00	5.33	
38 Vinyl acetate	86	3.876	3.882	-0.006	100	4739	10.0	7.99	a
39 2-Chloro-1,3-butadiene	88	3.913	3.908	0.005	87	13954	5.00	5.50	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	90	40064	5.00	5.32	
* 42 2-Butanone-d5	46	4.395	4.395	0.000	66	252591	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	52	5230	5.00	4.71	
43 cis-1,2-Dichloroethene	96	4.437	4.443	-0.006	98	17007	5.00	5.00	
45 2-Butanone (MEK)	72	4.458	4.458	0.000	98	8338	25.0	24.1	
47 Ethyl acetate	70	4.479	4.474	0.005	96	3165	10.0	10.1	Ma
48 Methyl acrylate	55	4.532	4.527	0.005	97	13194	5.00	5.46	
46 Propionitrile	54	4.605	4.610	-0.005	99	21636	50.0	57.0	
51 Tetrahydrofuran	72	4.689	4.689	0.000	82	3707	10.0	10.2	
49 Chlorobromomethane	128	4.689	4.694	-0.005	82	8388	5.00	5.28	
50 Methacrylonitrile	67	4.726	4.726	0.000	91	62814	50.0	58.2	a
52 Chloroform	83	4.757	4.757	0.000	99	27184	5.00	5.47	
55 Cyclohexane	84	4.899	4.899	0.000	89	21104	5.00	5.53	
54 1,1,1-Trichloroethane	97	4.914	4.915	0.000	74	21968	5.00	5.04	
$ 53 Dibromofluoromethane (Surr)	113	4.935	4.935	0.000	96	116313	50.0	49.9	
56 Carbon tetrachloride	117	5.051	5.051	0.000	98	20550	5.00	5.06	
57 1,1-Dichloropropene	75	5.093	5.093	0.000	97	21037	5.00	5.20	
59 Isobutyl alcohol	43	5.240	5.240	0.000	93	19011	125.0	113.2	Ma
62 Isooctane	57	5.292	5.287	0.005	97	32006	5.00	5.42	a
60 Benzene	78	5.318	5.318	0.000	93	60604	5.00	5.44	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	98	116249	50.0	50.3	
63 Isopropyl acetate	61	5.397	5.397	0.000	92	7104	5.00	4.93	
64 Tert-amyl methyl ether	73	5.392	5.397	-0.005	81	38099	5.00	5.30	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	89	17613	5.00	5.15	
66 n-Heptane	43	5.502	5.507	-0.005	92	12716	5.00	5.17	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	408720	50.0	50.0	
68 n-Butanol	56	6.021	6.021	0.000	83	8961	125.0	122.8	
67 Trichloroethene	95	6.063	6.068	-0.005	94	17177	5.00	5.40	
70 Methylcyclohexane	83	6.204	6.204	0.000	86	20702	5.00	5.33	
69 Ethyl acrylate	55	6.215	6.215	0.000	92	32294	5.00	5.31	
71 1,2-Dichloropropane	63	6.398	6.409	-0.011	93	15676	5.00	5.12	
* 73 1,4-Dioxane-d8	96	6.472	6.466	0.006	1	28463	1000.0	1000.0	
75 Methyl methacrylate	100	6.508	6.508	0.000	85	7717	10.0	10.9	
74 1,4-Dioxane	88	6.535	6.535	0.000	69	3628	100.0	114.7	
72 Dibromomethane	93	6.550	6.550	0.000	95	10412	5.00	5.29	
76 n-Propyl acetate	43	6.582	6.577	0.005	98	18395	5.00	5.32	
77 Dichlorobromomethane	83	6.739	6.739	0.000	97	20713	5.00	5.25	
78 2-Nitropropane	41	7.132	7.138	-0.006	98	6715	10.0	10.3	
79 2-Chloroethyl vinyl ether	106	7.148	7.148	0.000	57	1244	5.01	6.19	
80 Epichlorohydrin	57	7.269	7.269	0.000	97	24672	100.0	104.3	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	89	24617	5.00	4.95	
82 4-Methyl-2-pentanone (MIBK)	43	7.541	7.541	0.000	95	59621	25.0	24.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	400272	50.0	50.0	
84 Toluene	91	7.720	7.720	0.000	92	62882	5.00	5.17	
85 trans-1,3-Dichloropropene	75	8.144	8.150	-0.006	94	22355	5.00	5.09	
86 Ethyl methacrylate	69	8.197	8.197	0.000	87	18157	5.00	5.27	
87 1,1,2-Trichloroethane	83	8.396	8.401	-0.005	95	12041	5.00	5.30	
88 Tetrachloroethene	166	8.438	8.443	-0.005	91	16650	5.00	5.04	
89 1,3-Dichloropropane	76	8.653	8.653	0.000	90	22475	5.00	5.13	
90 2-Hexanone	43	8.742	8.747	-0.005	94	42515	25.0	24.2	
93 n-Butyl acetate	43	8.899	8.894	0.005	95	20469	5.00	5.29	
91 Chlorodibromomethane	129	8.920	8.925	-0.005	95	16431	5.00	5.07	
92 Ethylene Dibromide	107	9.098	9.104	-0.006	92	14724	5.00	5.16	
* 94 Chlorobenzene-d5	117	9.775	9.770	0.005	84	319794	50.0	50.0	
95 Chlorobenzene	112	9.817	9.817	0.000	94	40498	5.00	5.05	
97 Ethylbenzene	106	9.958	9.953	0.005	98	21411	5.00	5.04	
96 1,1,1,2-Tetrachloroethane	131	9.964	9.969	-0.005	40	14748	5.00	5.07	M
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	96	26397	5.00	5.16	
99 o-Xylene	106	10.792	10.792	0.000	94	25339	5.00	5.18	
101 n-Butyl acrylate	73	10.808	10.808	0.000	91	11300	5.00	5.47	
100 Styrene	104	10.844	10.839	0.005	96	42462	5.00	5.34	
102 Bromoform	173	11.159	11.154	0.005	96	11422	5.00	4.99	
103 Amyl acetate (mixed isomers)	43	11.185	11.191	-0.006	89	22185	5.00	5.17	
104 Isopropylbenzene	105	11.369	11.369	0.000	96	58786	5.00	5.18	
$ 105 4-Bromofluorobenzene	174	11.647	11.647	0.000	91	135363	50.0	49.3	
106 Bromobenzene	156	11.820	11.820	0.000	96	16688	5.00	5.01	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	91	17184	5.00	5.12	
110 N-Propylbenzene	91	11.945	11.946	-0.001	99	75574	5.00	5.13	
108 1,2,3-Trichloropropane	110	11.966	11.966	0.000	96	5095	5.00	5.08	
109 trans-1,4-Dichloro-2-butene	53	12.008	12.003	0.005	87	4519	5.00	5.14	
111 2-Chlorotoluene	91	12.071	12.071	0.000	95	51252	5.00	5.07	
112 4-Ethyltoluene	105	12.098	12.098	0.000	98	59725	5.00	5.06	
114 1,3,5-Trimethylbenzene	105	12.187	12.187	0.000	93	48282	5.00	5.01	
113 4-Chlorotoluene	91	12.223	12.223	0.000	97	49917	5.00	5.00	
115 Butyl Methacrylate	87	12.339	12.344	-0.005	86	17538	5.00	5.11	
116 tert-Butylbenzene	119	12.554	12.554	0.000	94	42799	5.00	5.20	
117 1,2,4-Trimethylbenzene	105	12.627	12.627	0.000	96	48817	5.00	5.01	
118 sec-Butylbenzene	105	12.800	12.800	0.000	98	59553	5.00	5.09	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	96	27296	5.00	4.75	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	90	50387	5.00	5.08	
* 120 1,4-Dichlorobenzene-d4	152	13.026	13.026	0.000	95	164565	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.052	13.052	0.000	90	27733	5.00	4.73	
123 1,2,3-Trimethylbenzene	105	13.083	13.083	0.000	98	49178	5.00	5.05	
124 Benzyl chloride	91	13.214	13.214	0.000	98	26996	5.00	4.57	
125 2,3-Dihydroindene	117	13.282	13.283	-0.001	93	46092	5.00	5.01	
127 p-Diethylbenzene	119	13.361	13.361	0.000	94	27952	5.00	4.94	
128 n-Butylbenzene	92	13.387	13.387	0.000	97	23231	5.00	4.82	
126 1,2-Dichlorobenzene	146	13.429	13.429	0.000	95	24622	5.00	4.87	
130 1,2,4,5-Tetramethylbenzene	119	14.100	14.100	0.000	96	38110	5.00	4.78	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	82	3687	5.00	5.08	
131 1,3,5-Trichlorobenzene	180	14.310	14.310	0.000	96	14753	5.00	4.36	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	92	12588	5.00	4.36	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	73	6041	5.00	4.24	
134 Naphthalene	128	15.049	15.049	0.000	99	29829	5.00	4.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	92	9704	5.00	4.50	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.97	
S 137 Xylenes, Total	100				0		10.0	10.3	
S 140 Total BTEX	1				0		25.0	26.0	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.0	

QC Flag Legend

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

Reagents:

524FREONS_00017	Amount Added:	10.00	Units: uL	
ACROLEIN W_00167	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	10.00	Units: uL	
GASES Li_00580	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:13:51 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D

Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15

Lims ID: STD5

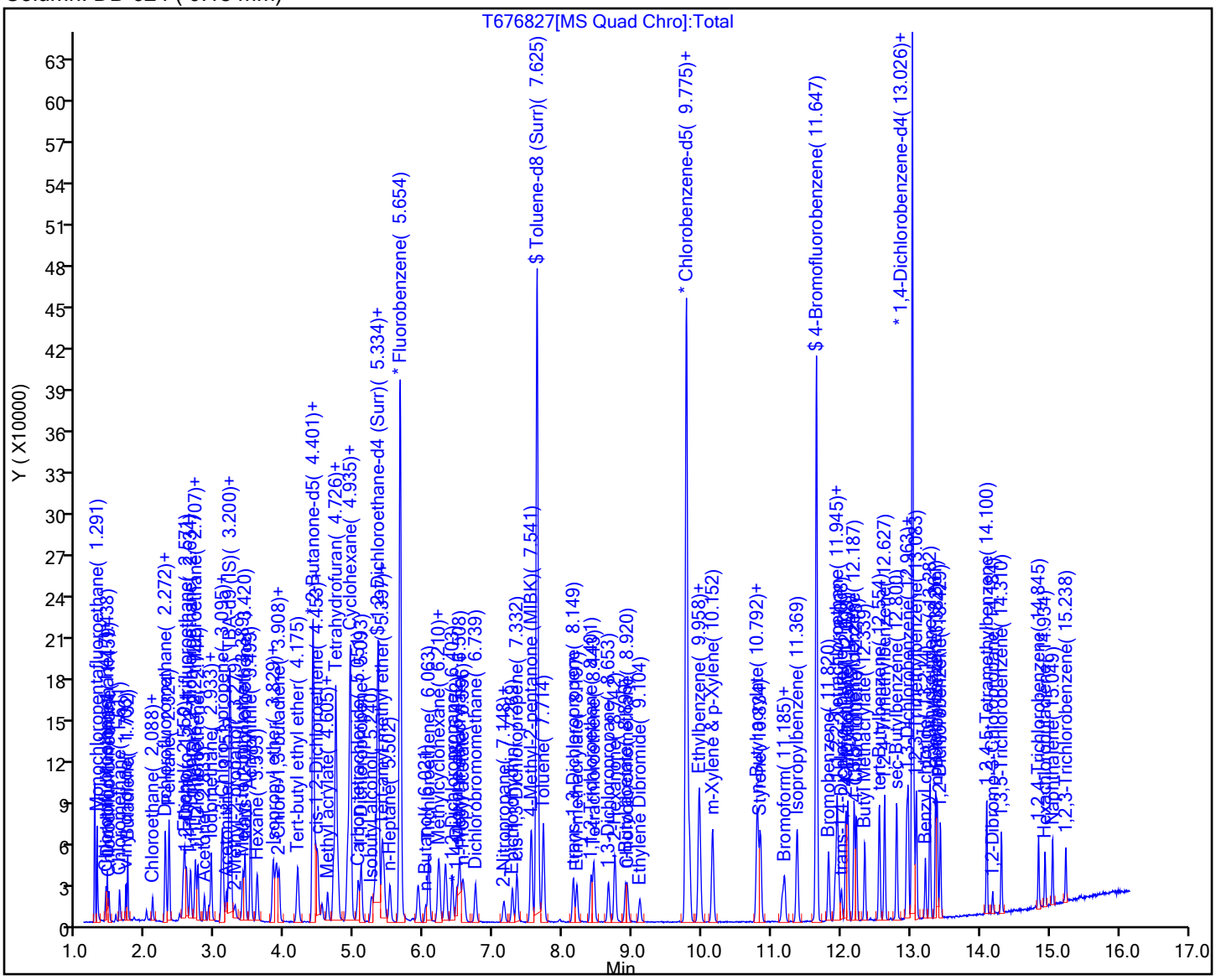
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

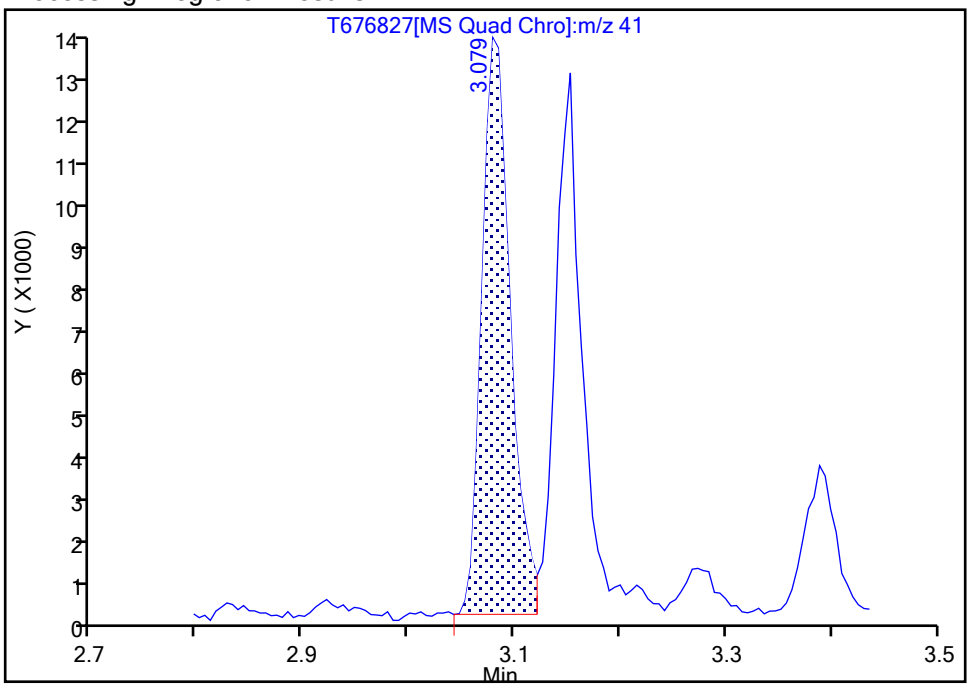
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

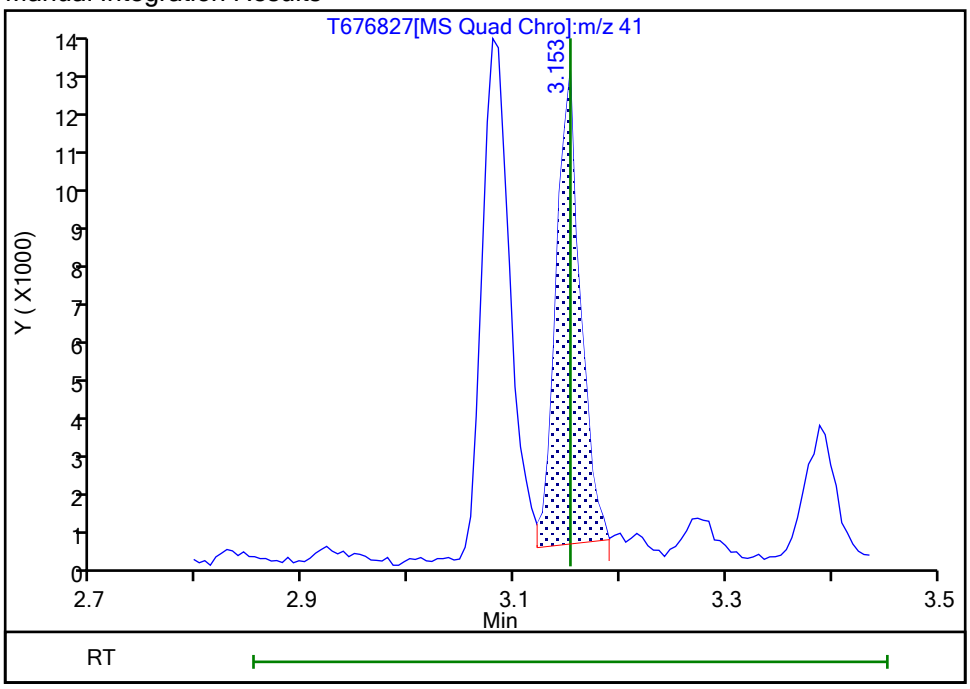
Processing Integration Results

RT: 3.08
Area: 24545
Amount: 80.212165
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 18946
Amount: 55.270220
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:09:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

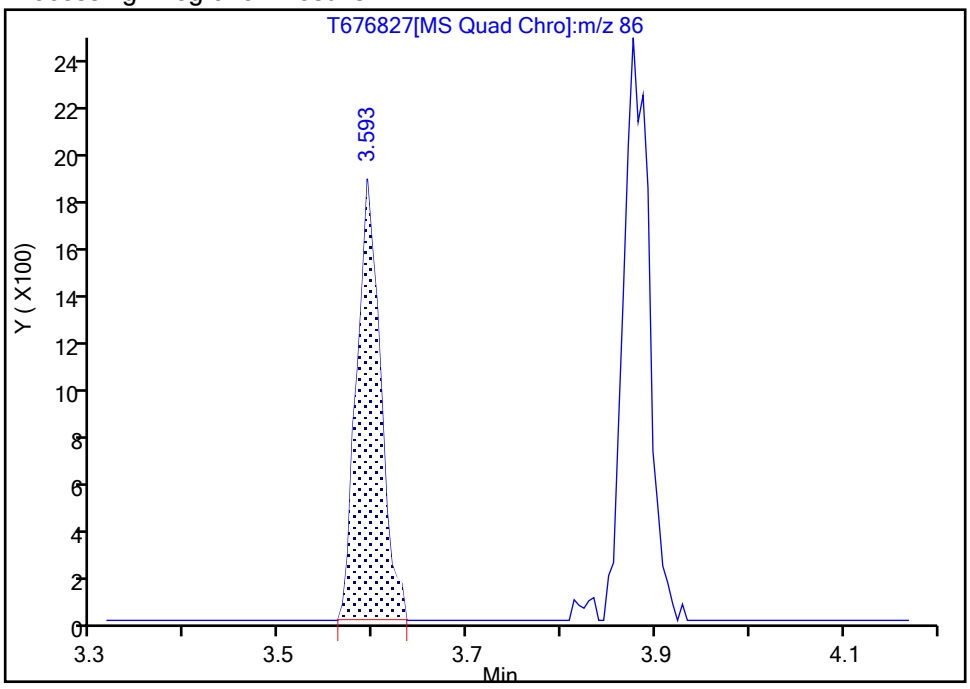
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Signal: 1

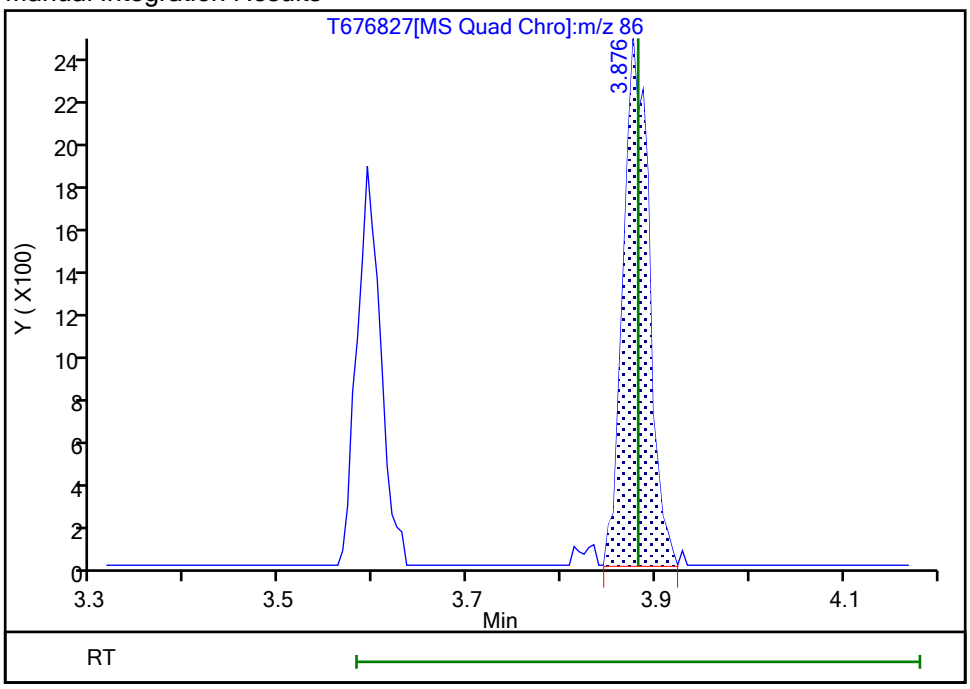
Processing Integration Results

RT: 3.59
Area: 3303
Amount: 5.024010
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 4739
Amount: 7.994863
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:10:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

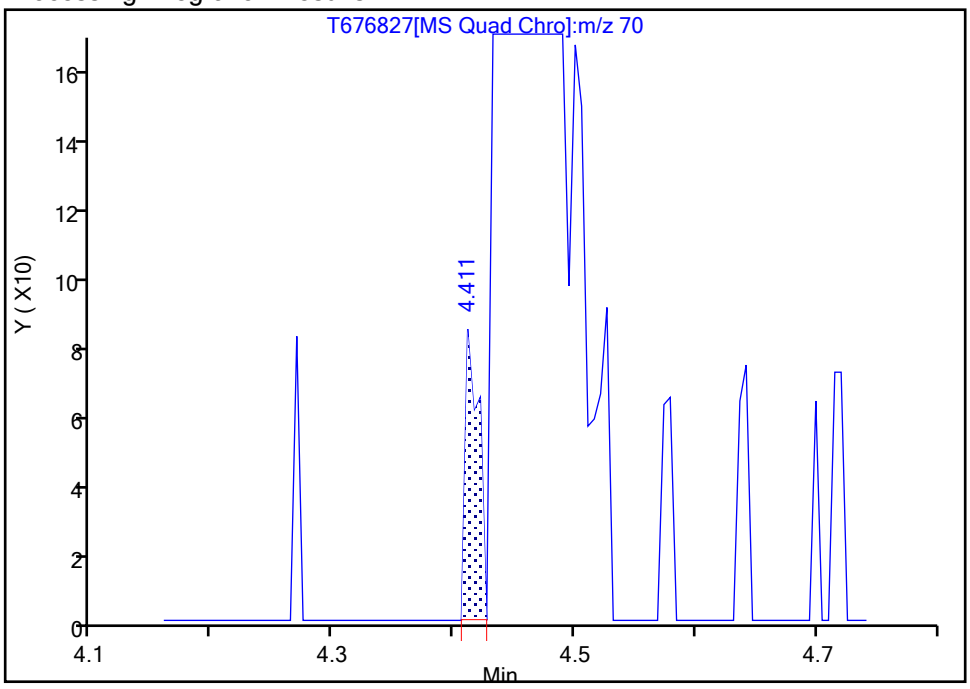
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

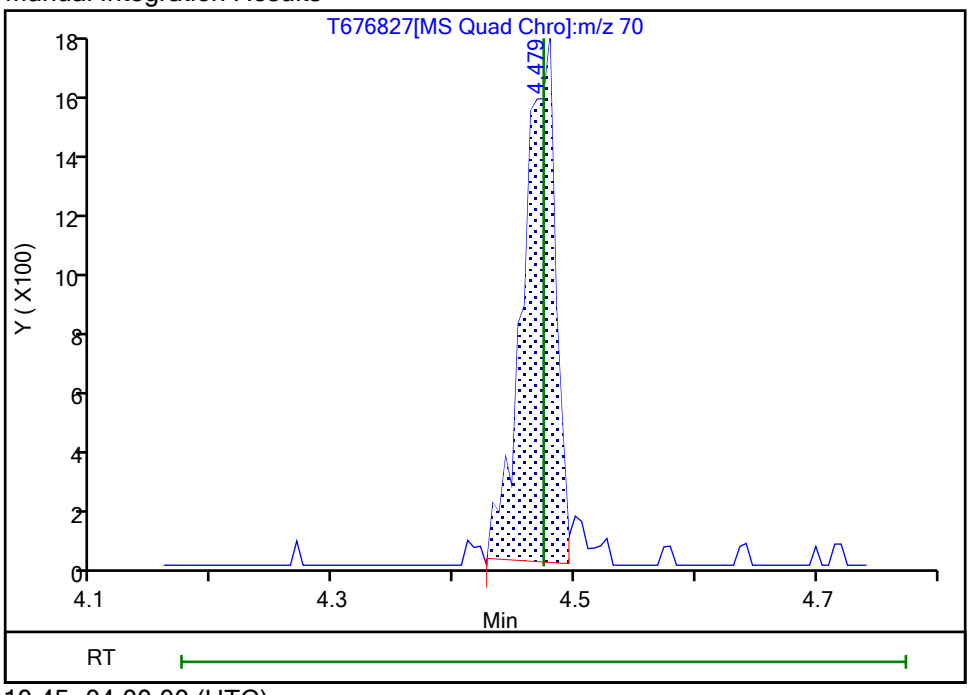
Processing Integration Results

RT: 4.41
Area: 63
Amount: 0.199557
Amount Units: ug/l



Manual Integration Results

RT: 4.48
Area: 3165
Amount: 10.149470
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:10:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

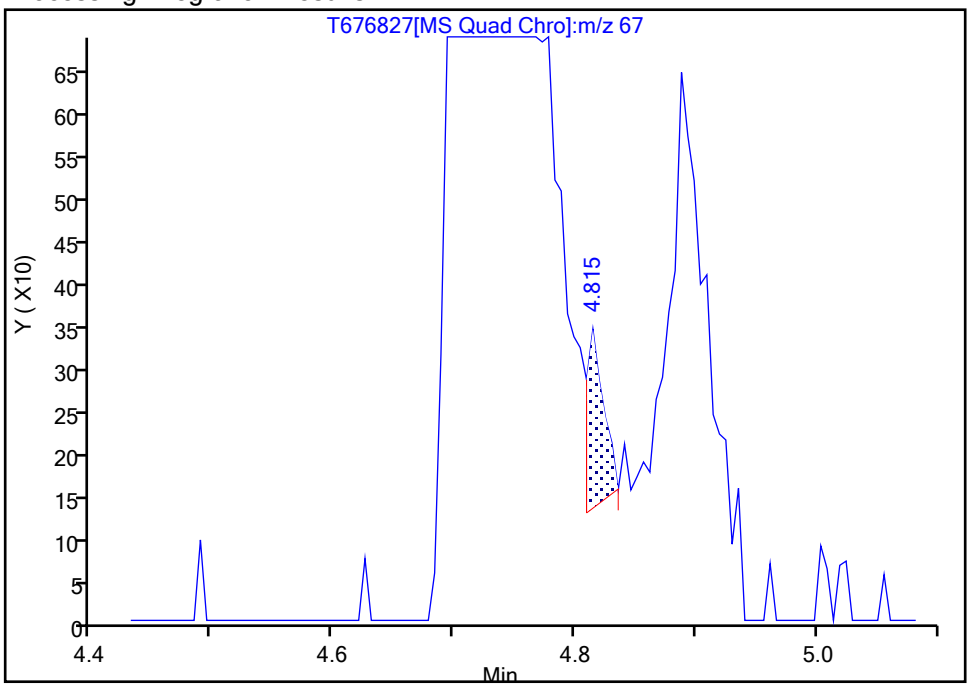
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Methacrylonitrile, CAS: 126-98-7

Signal: 1

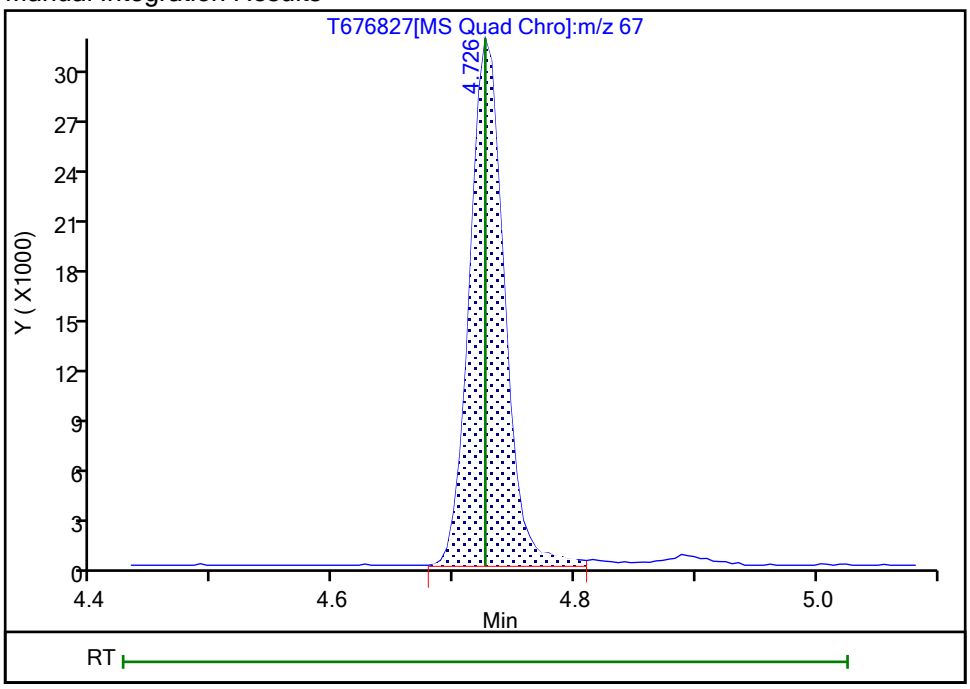
Processing Integration Results

RT: 4.81
Area: 210
Amount: 0.215168
Amount Units: ug/l



Manual Integration Results

RT: 4.73
Area: 62814
Amount: 58.211356
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:10:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

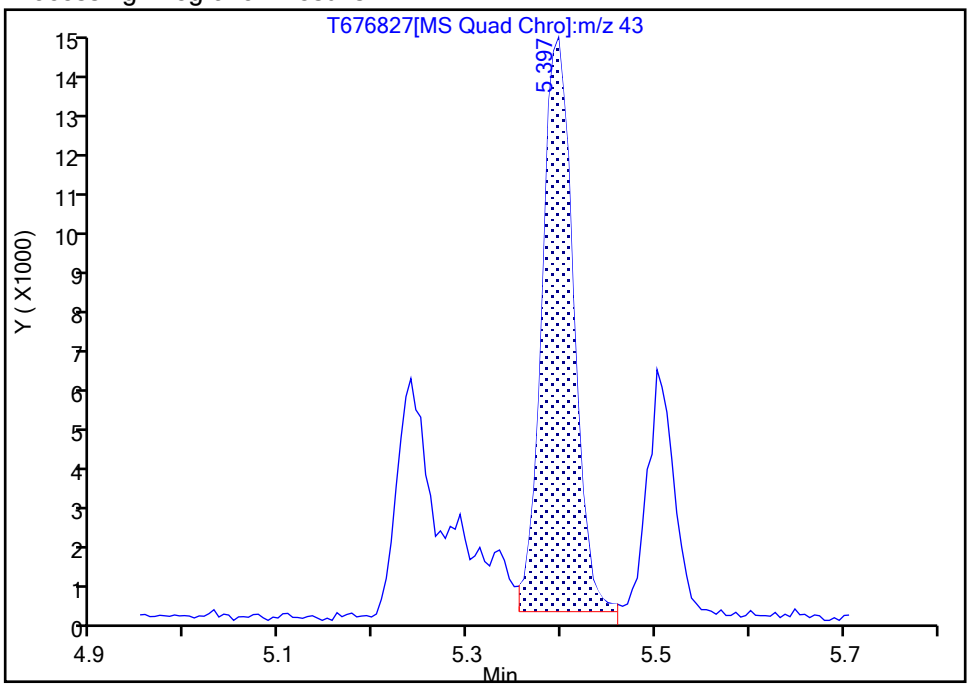
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

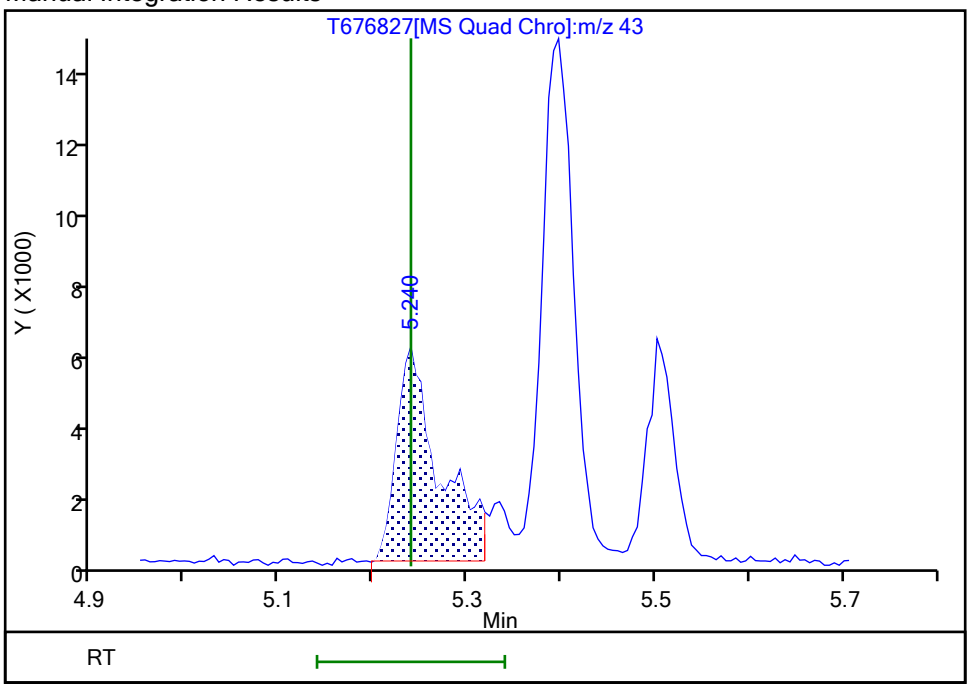
Processing Integration Results

RT: 5.40
Area: 33580
Amount: 125.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 19011
Amount: 113.2046
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 17:45:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

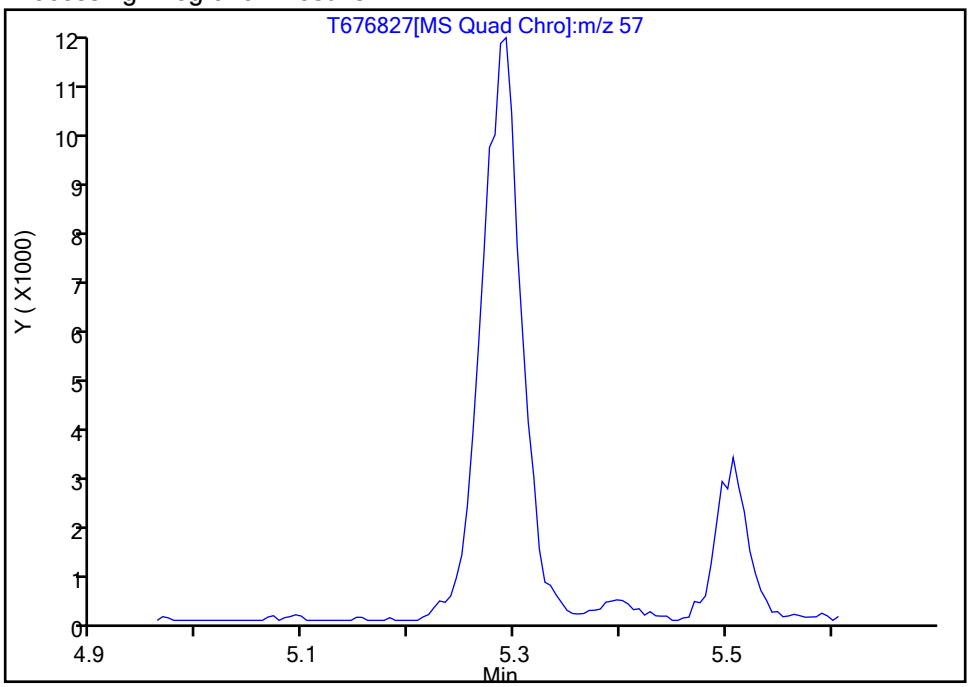
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

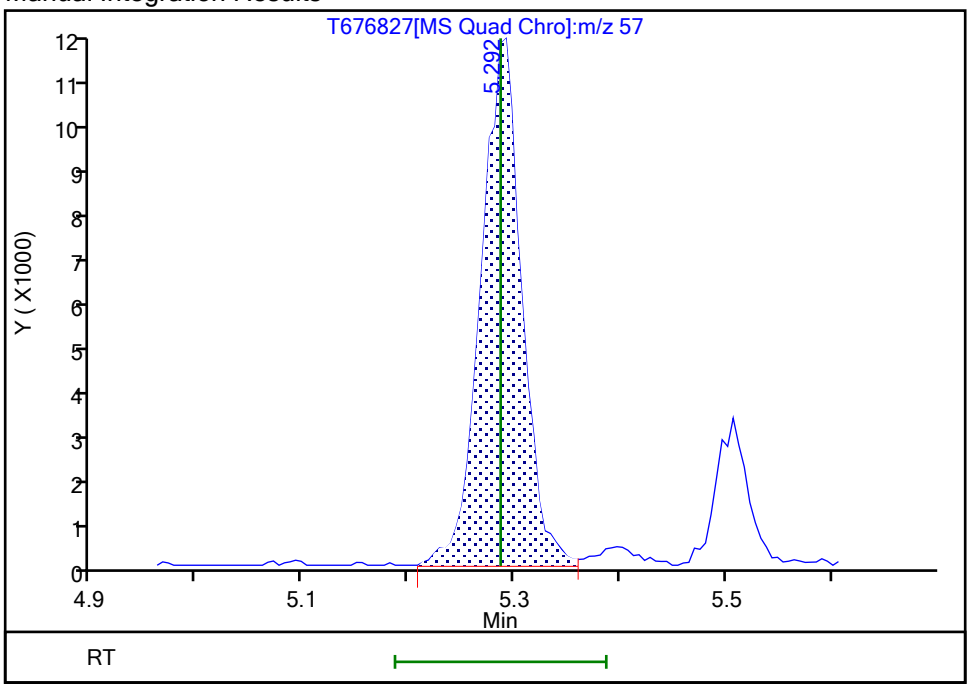
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 32006
Amount: 5.424956
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:10:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

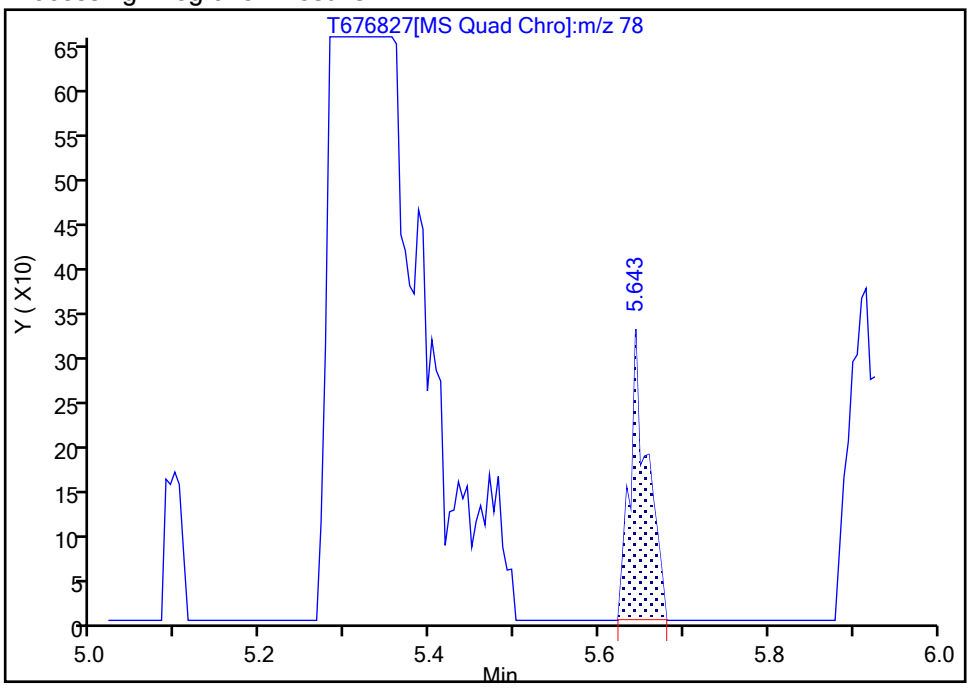
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

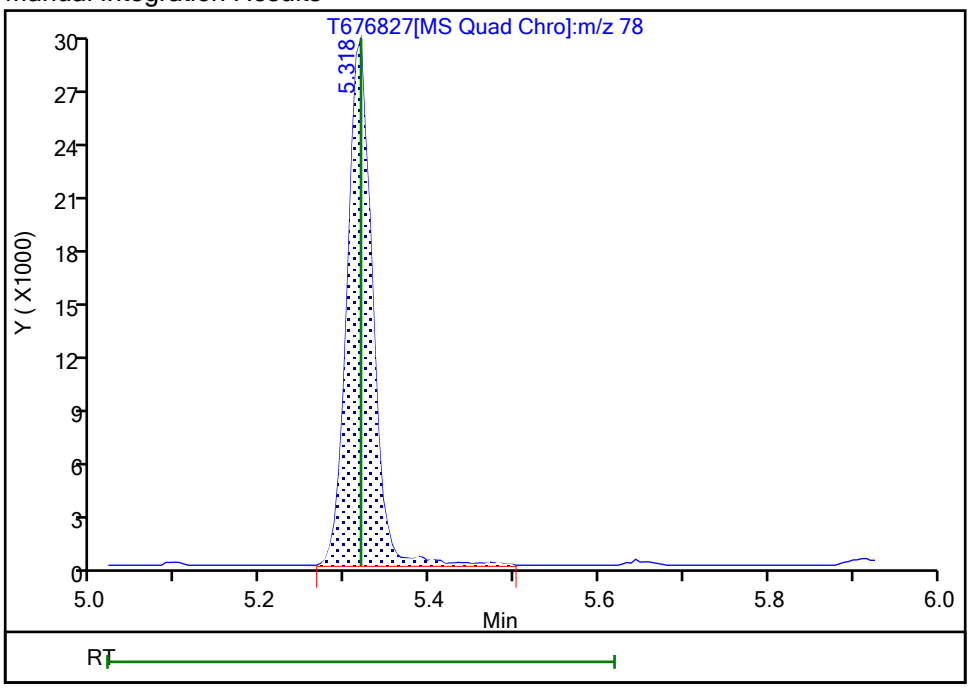
Processing Integration Results

RT: 5.64
Area: 473
Amount: 0.044168
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 60604
Amount: 5.443035
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:11:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

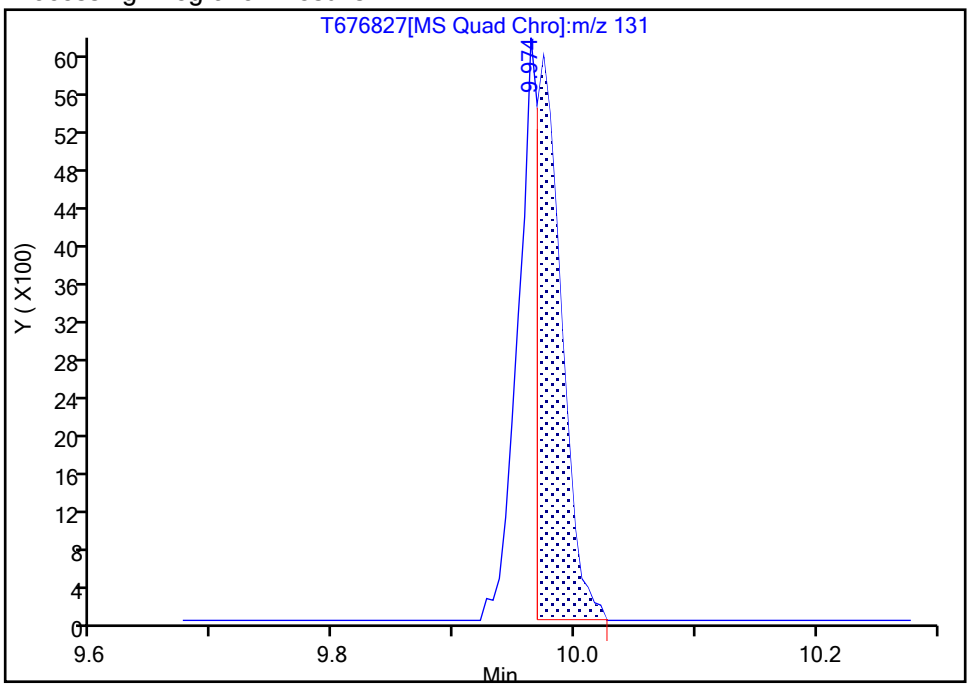
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676827.D
Injection Date: 21-Apr-2024 11:05:19 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

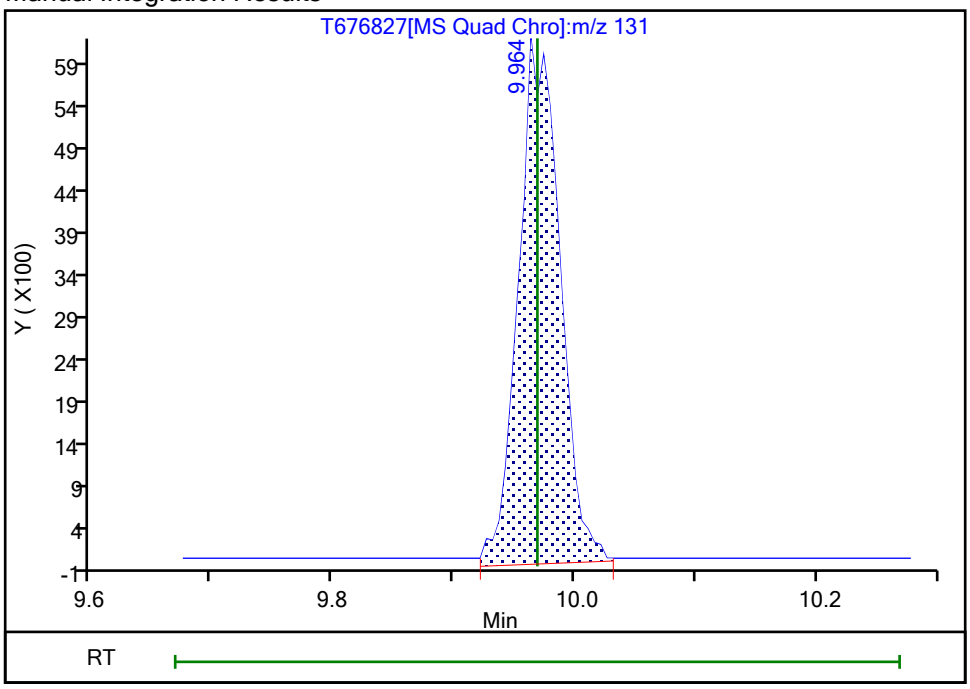
Processing Integration Results

RT: 9.97
Area: 8812
Amount: 3.368522
Amount Units: ug/l



Manual Integration Results

RT: 9.96
Area: 14748
Amount: 5.066666
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:11:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676828.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 21-Apr-2024 11:27:58 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0174952-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:10 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: HVW2 Date: 21-Apr-2024 12:22:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	64	4327	20.0	30.1	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	94	15808	20.0	21.2	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	95	34978	20.0	19.9	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	99	93980	20.0	20.8	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	99	11999	20.0	18.6	
6 Chloromethane	50	1.611	1.611	0.000	88	78735	20.0	17.0	
7 Vinyl chloride	62	1.706	1.706	0.000	98	79979	20.0	18.9	
8 Butadiene	54	1.732	1.732	0.000	95	67926	20.0	20.3	
9 Bromomethane	94	1.999	1.999	0.000	96	14006	20.0	9.17	
10 Chloroethane	64	2.088	2.088	0.000	97	52592	20.0	19.1	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	97	144574	20.0	19.5	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	98	114004	20.0	20.1	
13 Pentane	72	2.324	2.324	0.000	96	23726	40.0	37.8	
14 Ethanol	46	2.476	2.476	0.000	100	12151	800.0	745.3	
15 Ethyl ether	59	2.529	2.529	0.000	92	56213	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	95	58133	20.0	20.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	94	58850	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	97	101908	20.0	20.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.707	2.707	0.000	97	67343	20.0	20.9	
19 Acrolein	56	2.707	2.707	0.000	60	24546	40.0	36.1	
20 1,1-Dichloroethene	96	2.739	2.739	0.000	98	65136	20.0	19.1	
22 Acetone	43	2.833	2.833	0.000	88	81557	100.0	79.8	
23 Iodomethane	142	2.901	2.901	0.000	98	80452	20.0	22.9	
25 Isopropyl alcohol	45	2.927	2.927	0.000	34	36843	200.0	187.3	
24 Carbon disulfide	76	2.933	2.933	0.000	99	234346	20.0	19.6	
27 3-Chloro-1-propene	76	3.079	3.079	0.000	92	45569	20.0	20.4	
28 Methyl acetate	43	3.095	3.095	0.000	88	94046	40.0	39.1	
29 Cyclopentene	67	3.100	3.100	0.000	94	140725	20.0	20.6	
26 Acetonitrile	41	3.153	3.153	0.000	99	84147	200.0	207.5	
* 31 TBA-d9 (IS)	66	3.200	3.200	0.000	97	38335	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	91	79747	20.0	19.2	
32 2-Methyl-2-propanol	59	3.273	3.273	0.000	99	54943	200.0	189.2	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	96	188704	20.0	20.7	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	84	74830	20.0	18.8	
33 Acrylonitrile	53	3.499	3.499	0.000	95	258018	200.0	200.6	
36 Hexane	57	3.593	3.593	0.000	91	90621	20.0	19.9	
40 Isopropyl ether	45	3.824	3.824	0.000	98	216577	20.0	20.7	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	99	130630	20.0	20.2	
38 Vinyl acetate	86	3.882	3.882	0.000	99	32008	40.0	45.6	
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	86	63667	20.0	19.7	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	89	195261	20.0	20.4	
* 42 2-Butanone-d5	46	4.395	4.395	0.000	90	298820	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	78	26843	20.0	19.0	
43 cis-1,2-Dichloroethene	96	4.443	4.443	0.000	99	83692	20.0	19.3	
45 2-Butanone (MEK)	72	4.458	4.458	0.000	97	38497	100.0	94.1	
47 Ethyl acetate	70	4.474	4.474	0.000	97	15020	40.0	40.7	
48 Methyl acrylate	55	4.527	4.527	0.000	100	60889	20.0	19.8	
46 Propionitrile	54	4.610	4.610	0.000	99	95798	200.0	198.1	
51 Tetrahydrofuran	72	4.689	4.689	0.000	77	16183	40.0	37.6	
49 Chlorobromomethane	128	4.694	4.694	0.000	84	41244	20.0	20.4	
50 Methacrylonitrile	67	4.726	4.726	0.000	90	288797	200.0	210.0	
52 Chloroform	83	4.757	4.757	0.000	98	126331	20.0	20.0	
55 Cyclohexane	84	4.899	4.899	0.000	89	100766	20.0	20.7	
54 1,1,1-Trichloroethane	97	4.915	4.915	0.000	95	106895	20.0	19.3	
$ 53 Dibromofluoromethane (Surr)	113	4.935	4.935	0.000	95	149570	50.0	50.3	
56 Carbon tetrachloride	117	5.051	5.051	0.000	98	98622	20.0	19.0	
57 1,1-Dichloropropene	75	5.093	5.093	0.000	98	99207	20.0	19.2	
59 Isobutyl alcohol	43	5.240	5.240	0.000	96	94705	500.0	498.5	a
62 Isooctane	57	5.287	5.287	0.000	98	157365	20.0	20.9	a
60 Benzene	78	5.318	5.318	0.000	97	287585	20.0	20.3	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	96	146476	50.0	49.7	
63 Isopropyl acetate	61	5.397	5.397	0.000	92	35718	20.0	19.4	
64 Tert-amyl methyl ether	73	5.397	5.397	0.000	80	188120	20.0	20.5	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	96	82962	20.0	19.0	
66 n-Heptane	43	5.507	5.507	0.000	90	67058	20.0	21.4	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	520862	50.0	50.0	
68 n-Butanol	56	6.021	6.021	0.000	86	36048	500.0	436.7	
67 Trichloroethene	95	6.068	6.068	0.000	98	77255	20.0	19.1	
70 Methylcyclohexane	83	6.204	6.204	0.000	89	102637	20.0	20.8	
69 Ethyl acrylate	55	6.215	6.215	0.000	96	156348	20.0	20.2	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	94	75766	20.0	19.4	
* 73 1,4-Dioxane-d8	96	6.472	6.472	0.000	1	28769	1000.0	1000.0	
75 Methyl methacrylate	100	6.508	6.508	0.000	86	34992	40.0	38.8	
74 1,4-Dioxane	88	6.535	6.535	0.000	57	12498	400.0	390.9	
72 Dibromomethane	93	6.550	6.550	0.000	95	50490	20.0	20.1	
76 n-Propyl acetate	43	6.577	6.577	0.000	97	86636	20.0	19.7	
77 Dichlorobromomethane	83	6.739	6.739	0.000	98	98218	20.0	19.5	
78 2-Nitropropane	41	7.138	7.138	0.000	91	30163	40.0	38.3	
79 2-Chloroethyl vinyl ether	106	7.148	7.148	0.000	61	5622	20.0	21.9	
80 Epichlorohydrin	57	7.269	7.269	0.000	100	108945	400.0	389.2	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	90	127251	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.541	7.541	0.000	96	284711	100.0	100.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	515732	50.0	50.7	
84 Toluene	91	7.720	7.720	0.000	93	302125	20.0	19.5	
85 trans-1,3-Dichloropropene	75	8.150	8.150	0.000	94	110935	20.0	19.8	
86 Ethyl methacrylate	69	8.197	8.197	0.000	87	89650	20.0	20.5	
87 1,1,2-Trichloroethane	83	8.401	8.401	0.000	97	57828	20.0	20.0	
88 Tetrachloroethene	166	8.443	8.443	0.000	99	81246	20.0	19.3	
89 1,3-Dichloropropane	76	8.653	8.653	0.000	90	112863	20.0	20.2	
90 2-Hexanone	43	8.747	8.747	0.000	95	194590	100.0	93.7	
93 n-Butyl acetate	43	8.894	8.894	0.000	99	94573	20.0	19.2	
91 Chlorodibromomethane	129	8.925	8.925	0.000	97	81536	20.0	19.8	
92 Ethylene Dibromide	107	9.104	9.104	0.000	98	71899	20.0	19.8	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	85	406784	50.0	50.0	
95 Chlorobenzene	112	9.817	9.817	0.000	95	199086	20.0	19.5	
97 Ethylbenzene	106	9.953	9.953	0.000	98	104935	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	9.969	9.969	0.000	48	72824	20.0	19.7	
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	97	128255	20.0	19.7	
99 o-Xylene	106	10.792	10.792	0.000	94	124399	20.0	20.0	
101 n-Butyl acrylate	73	10.808	10.808	0.000	96	54414	20.0	20.7	
100 Styrene	104	10.839	10.839	0.000	95	209576	20.0	20.7	
102 Bromoform	173	11.154	11.154	0.000	95	55479	20.0	19.1	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	89	110960	20.0	20.9	
104 Isopropylbenzene	105	11.369	11.369	0.000	95	281389	20.0	19.5	
$ 105 4-Bromofluorobenzene	174	11.647	11.647	0.000	91	172375	50.0	49.4	
106 Bromobenzene	156	11.820	11.820	0.000	95	81237	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	11.914	11.914	0.000	97	83263	20.0	20.0	
110 N-Propylbenzene	91	11.946	11.946	0.000	99	366128	20.0	20.0	
108 1,2,3-Trichloropropane	110	11.966	11.966	0.000	95	23835	20.0	19.2	
109 trans-1,4-Dichloro-2-butene	53	12.003	12.003	0.000	96	22342	20.0	20.5	
111 2-Chlorotoluene	91	12.071	12.071	0.000	97	246075	20.0	19.6	
112 4-Ethyltoluene	105	12.098	12.098	0.000	98	293744	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	12.187	12.187	0.000	93	232535	20.0	19.5	
113 4-Chlorotoluene	91	12.223	12.223	0.000	97	242218	20.0	19.5	
115 Butyl Methacrylate	87	12.344	12.344	0.000	86	89011	20.0	20.9	
116 tert-Butylbenzene	119	12.554	12.554	0.000	93	196095	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	12.627	12.627	0.000	98	239057	20.0	19.8	
118 sec-Butylbenzene	105	12.800	12.800	0.000	99	284154	20.0	19.6	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	97	135515	20.0	19.0	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	94	238153	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	94	204171	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.052	13.052	0.000	95	136037	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	13.083	13.083	0.000	98	238559	20.0	19.8	
124 Benzyl chloride	91	13.214	13.214	0.000	99	153922	20.0	21.0	
125 2,3-Dihydroindene	117	13.283	13.283	0.000	92	223668	20.0	19.6	
127 p-Diethylbenzene	119	13.361	13.361	0.000	92	134847	20.0	19.2	
128 n-Butylbenzene	92	13.387	13.387	0.000	98	113821	20.0	19.0	
126 1,2-Dichlorobenzene	146	13.429	13.429	0.000	96	120230	20.0	19.2	
130 1,2,4,5-Tetramethylbenzene	119	14.100	14.100	0.000	97	186768	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	91	16492	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.310	14.310	0.000	97	75507	20.0	18.0	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	94	60669	20.0	16.9	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	79	29864	20.0	16.9	
134 Naphthalene	128	15.049	15.049	0.000	99	140882	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	95	47633	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 137 Xylenes, Total	100				0		40.0	39.7	
S 140 Total BTEX	1				0		100.0	98.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00167	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	20.00	Units: uL	
GASES Li_00580	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:10 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676828.D

Injection Date: 21-Apr-2024 11:27:58 Instrument ID: CVOAMS15

Lims ID: STD20

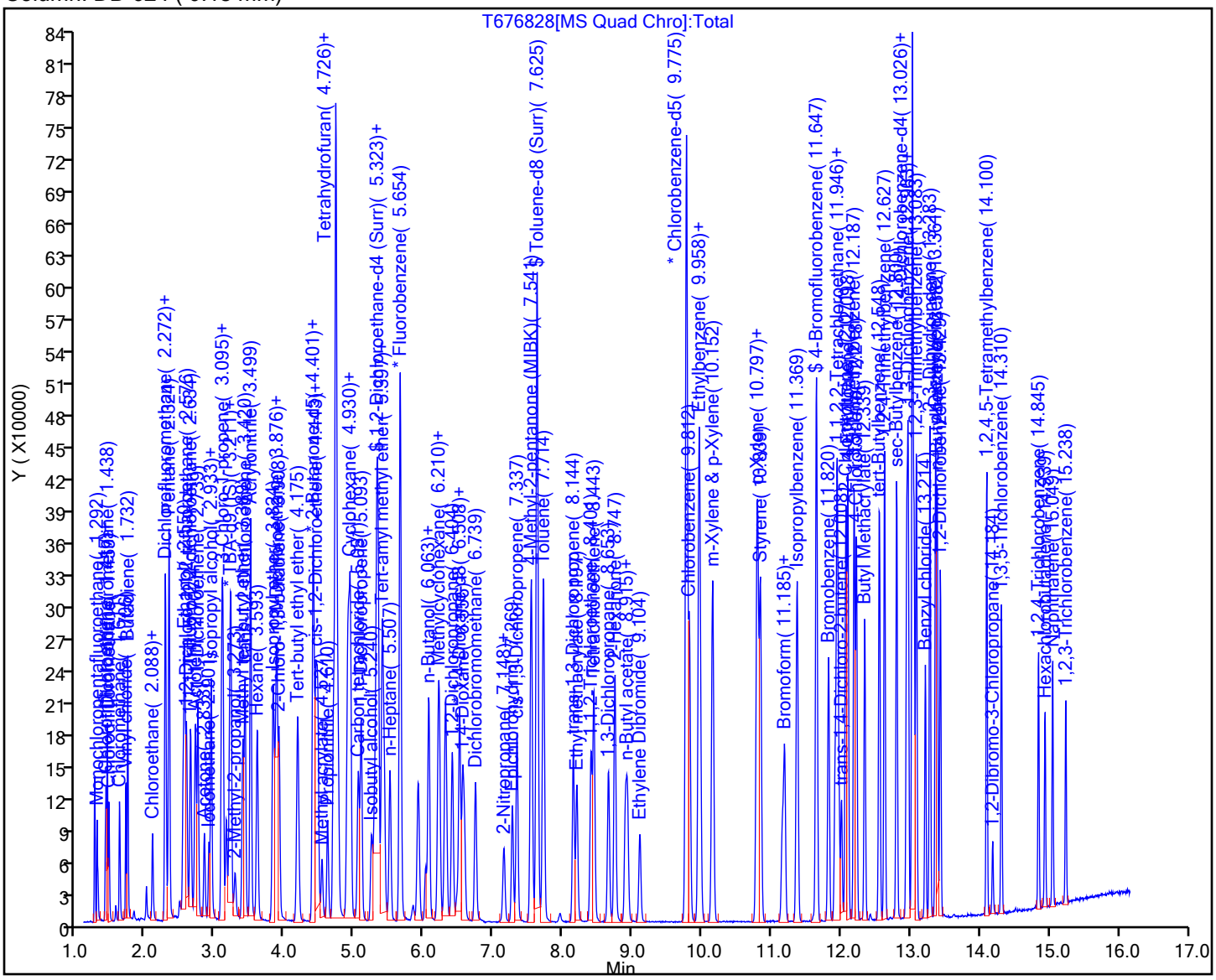
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

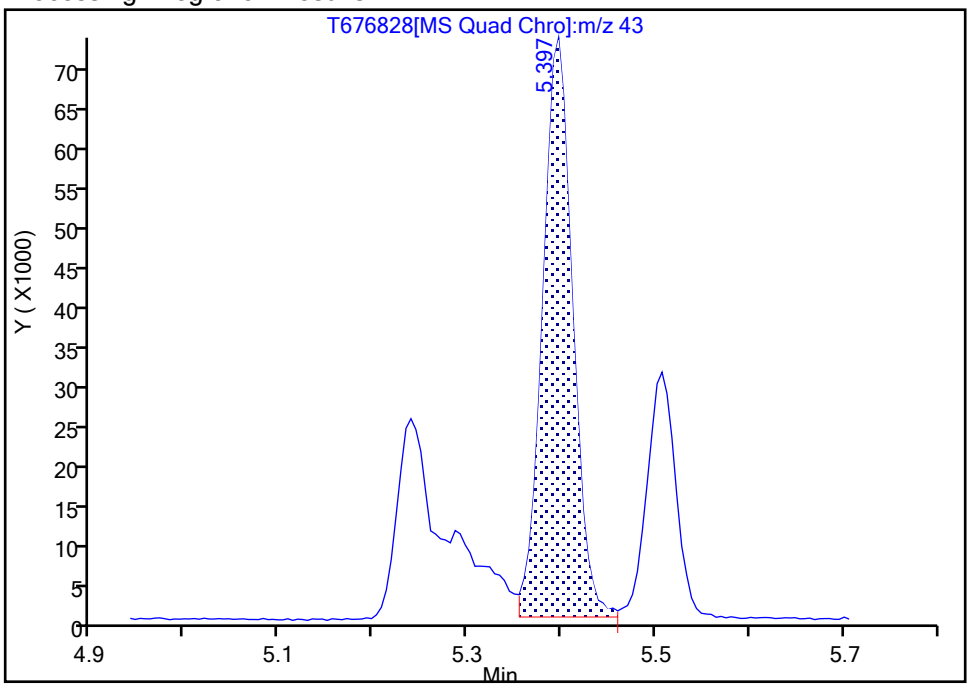
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676828.D
Injection Date: 21-Apr-2024 11:27:58 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

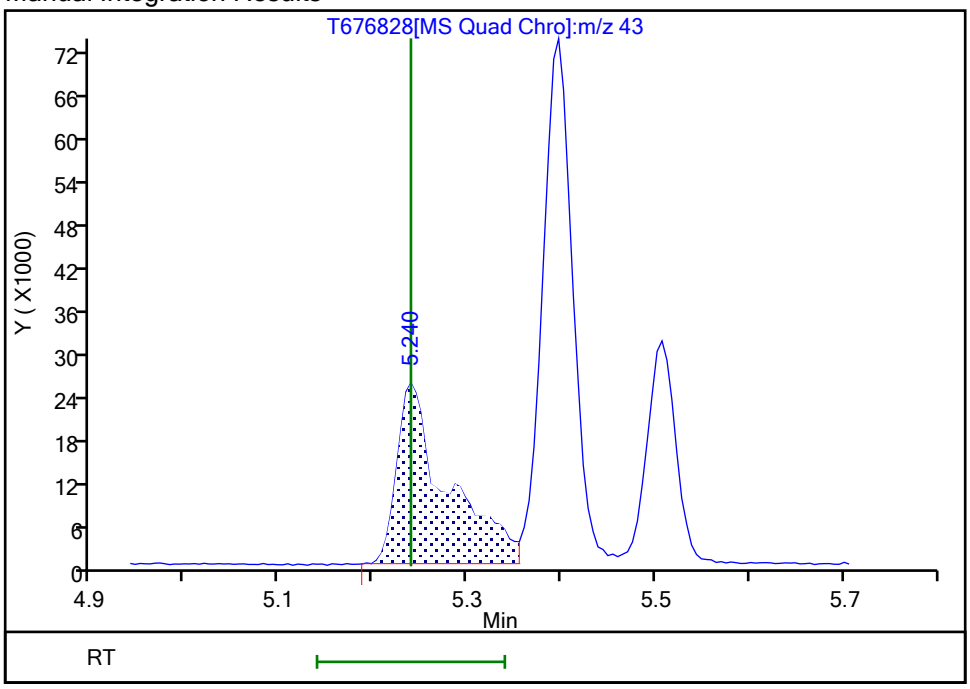
Processing Integration Results

RT: 5.40
Area: 162752
Amount: 500.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 94705
Amount: 498.5054
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:51:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

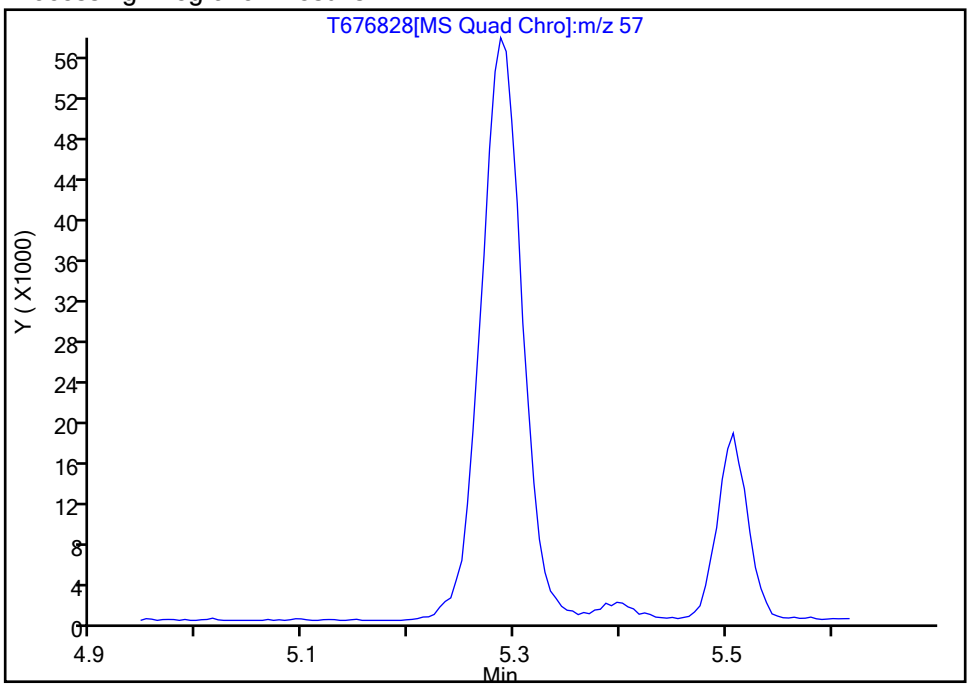
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676828.D
Injection Date: 21-Apr-2024 11:27:58 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

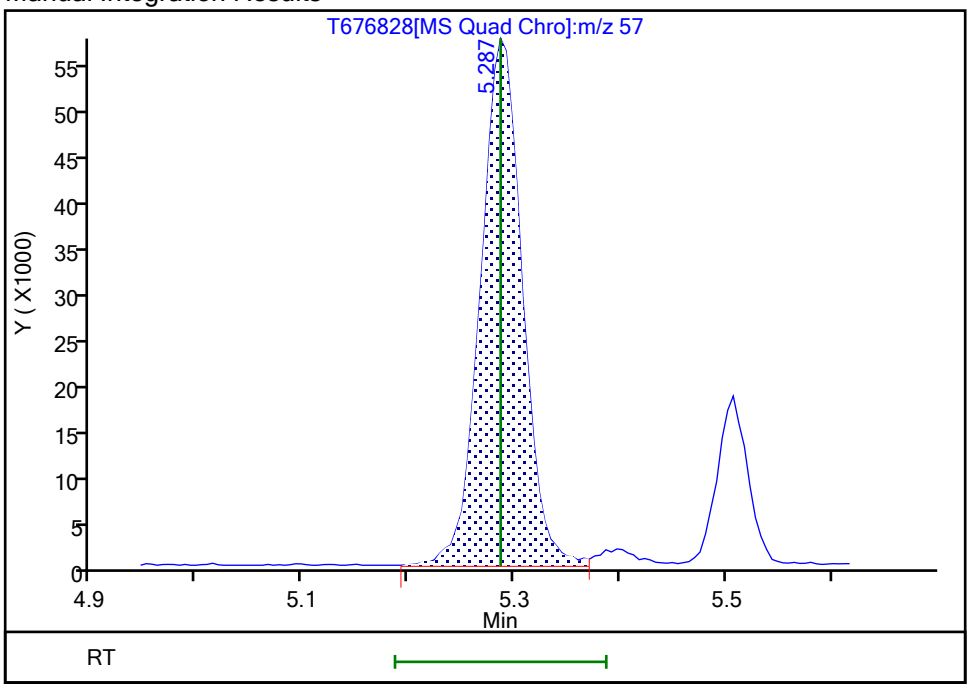
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 157365
Amount: 20.930334
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 10:54:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

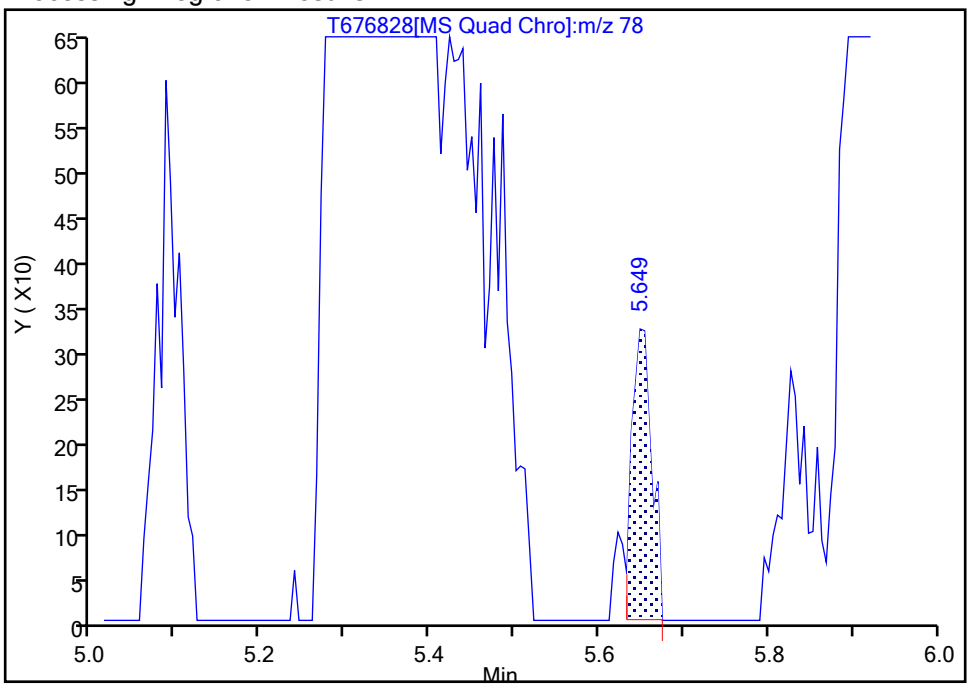
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676828.D
Injection Date: 21-Apr-2024 11:27:58 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

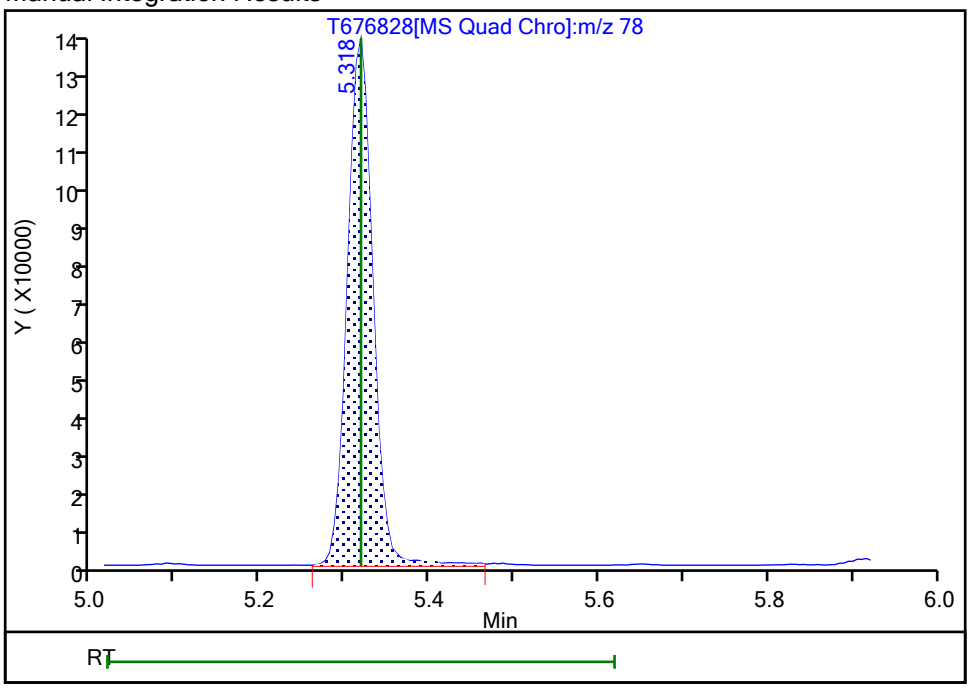
Processing Integration Results

RT: 5.65
Area: 521
Amount: 0.243828
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 287585
Amount: 20.305446
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 10:54:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Apr-2024 11:50:36 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0174952-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:16 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: HVW2 Date: 21-Apr-2024 12:47:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	95	10268	50.0	78.2	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	95	41334	50.0	59.1	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	95	82382	50.0	49.8	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	100	213714	50.0	50.3	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	99	29381	50.0	48.5	
6 Chloromethane	50	1.611	1.611	0.000	100	198741	50.0	45.8	
7 Vinyl chloride	62	1.700	1.706	-0.006	99	187472	50.0	47.2	
8 Butadiene	54	1.732	1.732	0.000	94	154294	50.0	49.1	
9 Bromomethane	94	1.994	1.999	-0.005	96	33606	50.0	23.6	
10 Chloroethane	64	2.083	2.088	-0.005	99	119512	50.0	45.6	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	97	338927	50.0	48.7	
12 Trichlorofluoromethane	101	2.272	2.277	-0.005	87	268060	50.0	50.3	
13 Pentane	72	2.319	2.324	-0.005	96	59400	100.0	100.9	
14 Ethanol	46	2.481	2.476	0.005	100	33263	2000.0	2020.7	
15 Ethyl ether	59	2.523	2.529	-0.006	92	133948	50.0	50.7	
17 2-Methyl-1,3-butadiene	53	2.544	2.550	-0.006	96	139369	50.0	53.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	93	141607	50.0	52.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	97	238381	50.0	51.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.707	-0.005	97	164502	50.0	54.4	
19 Acrolein	56	2.707	2.707	0.000	65	63983	100.0	100.3	
20 1,1-Dichloroethene	96	2.738	2.739	-0.001	98	162245	50.0	50.7	
22 Acetone	43	2.833	2.833	0.000	89	202567	250.0	207.9	
23 Iodomethane	142	2.896	2.901	-0.005	99	203785	50.0	61.7	
25 Isopropyl alcohol	45	2.927	2.927	0.000	32	92581	500.0	466.3	
24 Carbon disulfide	76	2.932	2.933	-0.001	99	571867	50.0	51.0	
27 3-Chloro-1-propene	76	3.079	3.079	0.000	92	108631	50.0	51.9	
28 Methyl acetate	43	3.095	3.095	0.000	82	225137	100.0	99.7	
29 Cyclopentene	67	3.100	3.100	0.000	95	334192	50.0	52.2	
26 Acetonitrile	41	3.147	3.153	-0.006	100	193004	500.0	499.0	a
* 31 TBA-d9 (IS)	66	3.200	3.200	0.000	96	38703	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	90	186064	50.0	47.8	
32 2-Methyl-2-propanol	59	3.278	3.273	0.005	98	143592	500.0	489.7	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	97	444468	50.0	52.0	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	93	182929	50.0	49.0	
33 Acrylonitrile	53	3.499	3.499	0.000	95	606419	500.0	502.5	
36 Hexane	57	3.593	3.593	0.000	92	212847	50.0	49.8	
40 Isopropyl ether	45	3.824	3.824	0.000	97	503970	50.0	51.4	
37 1,1-Dichloroethane	63	3.860	3.861	-0.001	99	295836	50.0	48.7	
38 Vinyl acetate	86	3.876	3.882	-0.006	99	71735	100.0	107.3	
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	89	147329	50.0	48.6	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	89	455137	50.0	50.6	
* 42 2-Butanone-d5	46	4.395	4.395	0.000	86	284982	250.0	250.0	
44 2,2-Dichloropropane	97	4.406	4.411	-0.005	92	64488	50.0	48.6	
43 cis-1,2-Dichloroethene	96	4.437	4.443	-0.006	99	198479	50.0	48.8	
45 2-Butanone (MEK)	72	4.458	4.458	0.000	97	94783	250.0	243.1	
47 Ethyl acetate	70	4.469	4.474	-0.005	96	35757	100.0	101.6	
48 Methyl acrylate	55	4.526	4.527	-0.001	100	138041	50.0	47.8	
46 Propionitrile	54	4.610	4.610	0.000	99	227134	500.0	500.6	
51 Tetrahydrofuran	72	4.689	4.689	0.000	78	37029	100.0	90.2	
49 Chlorobromomethane	128	4.694	4.694	0.000	84	94288	50.0	49.7	
50 Methacrylonitrile	67	4.726	4.726	0.000	90	637119	500.0	493.8	
52 Chloroform	83	4.757	4.757	0.000	99	279373	50.0	47.0	
55 Cyclohexane	84	4.893	4.899	-0.006	90	233420	50.0	51.2	
54 1,1,1-Trichloroethane	97	4.914	4.915	0.000	95	251418	50.0	48.3	
$ 53 Dibromofluoromethane (Surr)	113	4.935	4.935	0.000	96	136632	50.0	49.0	
56 Carbon tetrachloride	117	5.051	5.051	0.000	99	238299	50.0	49.0	
57 1,1-Dichloropropene	75	5.087	5.093	-0.006	99	234546	50.0	48.5	
59 Isobutyl alcohol	43	5.239	5.240	-0.001	96	240775	1250.0	1255.3	a
62 Isooctane	57	5.287	5.287	0.000	99	378290	50.0	53.6	a
60 Benzene	78	5.318	5.318	0.000	96	669724	50.0	49.0	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	91	137745	50.0	49.8	
63 Isopropyl acetate	61	5.397	5.397	0.000	92	80927	50.0	46.9	
64 Tert-amyl methyl ether	73	5.397	5.397	0.000	79	431247	50.0	50.1	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	96	192816	50.0	47.2	
66 n-Heptane	43	5.507	5.507	0.000	91	161664	50.0	55.0	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	488746	50.0	50.0	
68 n-Butanol	56	6.021	6.021	0.000	85	100105	1250.0	1201.1	
67 Trichloroethene	95	6.063	6.068	-0.005	98	187333	50.0	49.2	
70 Methylcyclohexane	83	6.204	6.204	0.000	88	251965	50.0	54.3	
69 Ethyl acrylate	55	6.215	6.215	0.000	95	379209	50.0	52.1	
71 1,2-Dichloropropane	63	6.403	6.409	-0.006	93	180842	50.0	49.4	
* 73 1,4-Dioxane-d8	96	6.477	6.472	0.005	1	32272	1000.0	1000.0	
75 Methyl methacrylate	100	6.508	6.508	0.000	85	84861	100.0	100.3	
74 1,4-Dioxane	88	6.545	6.535	0.010	44	37404	1000.0	1042.9	
72 Dibromomethane	93	6.550	6.550	0.000	97	113488	50.0	48.2	
76 n-Propyl acetate	43	6.576	6.577	-0.001	98	215825	50.0	52.2	
77 Dichlorobromomethane	83	6.739	6.739	0.000	99	234288	50.0	49.6	
78 2-Nitropropane	41	7.143	7.138	0.005	90	74516	100.0	102.1	
79 2-Chloroethyl vinyl ether	106	7.153	7.148	0.005	66	13509	50.1	56.2	
80 Epichlorohydrin	57	7.268	7.269	-0.001	98	266588	1000.0	998.7	
81 cis-1,3-Dichloropropene	75	7.331	7.337	-0.006	91	305876	50.0	50.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.541	7.541	0.000	96	667428	250.0	247.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	98	488636	50.0	49.7	
84 Toluene	91	7.714	7.720	-0.006	93	714140	50.0	47.8	
85 trans-1,3-Dichloropropene	75	8.144	8.150	-0.006	96	258572	50.0	47.9	
86 Ethyl methacrylate	69	8.196	8.197	-0.001	87	209435	50.0	49.5	
87 1,1,2-Trichloroethane	83	8.401	8.401	0.000	96	135684	50.0	48.6	
88 Tetrachloroethene	166	8.443	8.443	0.000	99	198887	50.0	49.0	
89 1,3-Dichloropropane	76	8.653	8.653	0.000	91	262904	50.0	48.8	
90 2-Hexanone	43	8.742	8.747	-0.005	95	460530	250.0	232.4	
93 n-Butyl acetate	43	8.894	8.894	0.000	98	222842	50.0	46.8	a
91 Chlorodibromomethane	129	8.925	8.925	0.000	97	195375	50.0	49.0	
92 Ethylene Dibromide	107	9.104	9.104	0.000	99	169102	50.0	48.2	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	83	392924	50.0	50.0	
95 Chlorobenzene	112	9.817	9.817	0.000	95	472312	50.0	48.0	
97 Ethylbenzene	106	9.958	9.953	0.005	98	247848	50.0	47.5	
96 1,1,1,2-Tetrachloroethane	131	9.969	9.969	0.000	52	176596	50.0	49.4	
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	96	301224	50.0	47.9	
99 o-Xylene	106	10.792	10.792	0.000	94	291327	50.0	48.4	
101 n-Butyl acrylate	73	10.808	10.808	0.000	93	122921	50.0	48.4	
100 Styrene	104	10.839	10.839	0.000	95	482894	50.0	49.5	
102 Bromoform	173	11.154	11.154	0.000	96	133871	50.0	47.6	
103 Amyl acetate (mixed isomers)	43	11.190	11.191	-0.001	91	242713	50.0	48.9	
104 Isopropylbenzene	105	11.369	11.369	0.000	96	660615	50.0	47.4	
$ 105 4-Bromofluorobenzene	174	11.646	11.647	-0.001	93	164162	50.0	48.7	
106 Bromobenzene	156	11.825	11.820	0.005	94	196825	50.0	51.1	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	95	191232	50.0	49.3	
110 N-Propylbenzene	91	11.945	11.946	-0.001	99	848953	50.0	49.8	
108 1,2,3-Trichloropropane	110	11.966	11.966	0.000	96	55255	50.0	47.7	
109 trans-1,4-Dichloro-2-butene	53	12.008	12.003	0.005	96	50807	50.0	50.0	
111 2-Chlorotoluene	91	12.071	12.071	0.000	97	562959	50.0	48.1	
112 4-Ethyltoluene	105	12.097	12.098	-0.001	99	675614	50.0	49.5	
114 1,3,5-Trimethylbenzene	105	12.192	12.187	0.005	92	538999	50.0	48.4	
113 4-Chlorotoluene	91	12.223	12.223	0.000	97	542884	50.0	47.0	
115 Butyl Methacrylate	87	12.344	12.344	0.000	86	197329	50.0	49.7	
116 tert-Butylbenzene	119	12.554	12.554	0.000	94	462602	50.0	48.6	
117 1,2,4-Trimethylbenzene	105	12.627	12.627	0.000	98	544112	50.0	48.2	
118 sec-Butylbenzene	105	12.800	12.800	0.000	99	653001	50.0	48.2	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	97	320355	50.0	48.2	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	93	543635	50.0	47.4	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	93	190446	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.052	13.052	0.000	95	313324	50.0	46.2	
123 1,2,3-Trimethylbenzene	105	13.083	13.083	0.000	98	533483	50.0	47.4	
124 Benzyl chloride	91	13.214	13.214	0.000	99	352773	50.0	51.7	
125 2,3-Dihydroindene	117	13.282	13.283	-0.001	94	510421	50.0	48.0	
127 p-Diethylbenzene	119	13.361	13.361	0.000	93	311303	50.0	47.6	
128 n-Butylbenzene	92	13.387	13.387	0.000	98	256320	50.0	46.0	
126 1,2-Dichlorobenzene	146	13.429	13.429	0.000	96	270622	50.0	46.3	
130 1,2,4,5-Tetramethylbenzene	119	14.100	14.100	0.000	97	445421	50.0	48.3	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	92	39349	50.0	46.9	
131 1,3,5-Trichlorobenzene	180	14.310	14.310	0.000	95	185173	50.0	47.3	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	93	152436	50.0	45.6	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	80	75339	50.0	46.0	
134 Naphthalene	128	15.049	15.049	0.000	99	356123	50.0	51.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	96	118142	50.0	50.3	
S 136 1,2-Dichloroethene, Total	100				0		100.0	97.7	
S 137 Xylenes, Total	100				0		100.0	96.4	
S 140 Total BTEX	1				0		250.0	240.6	
S 139 1,3-Dichloropropene, Total	1				0		100.0	98.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00167	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	50.00	Units: uL	
GASES Li_00580	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:17 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D

Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15

Lims ID: STD50

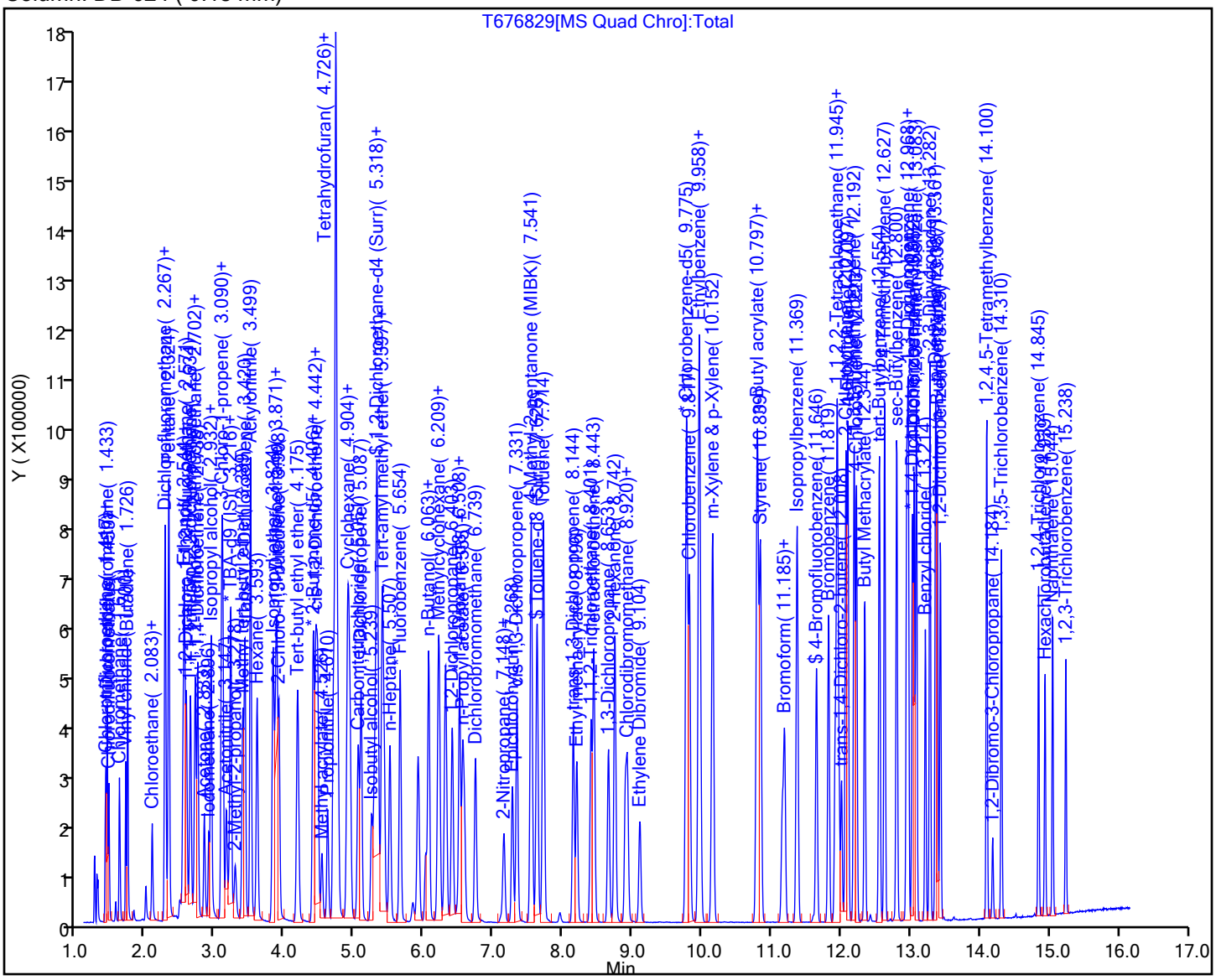
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

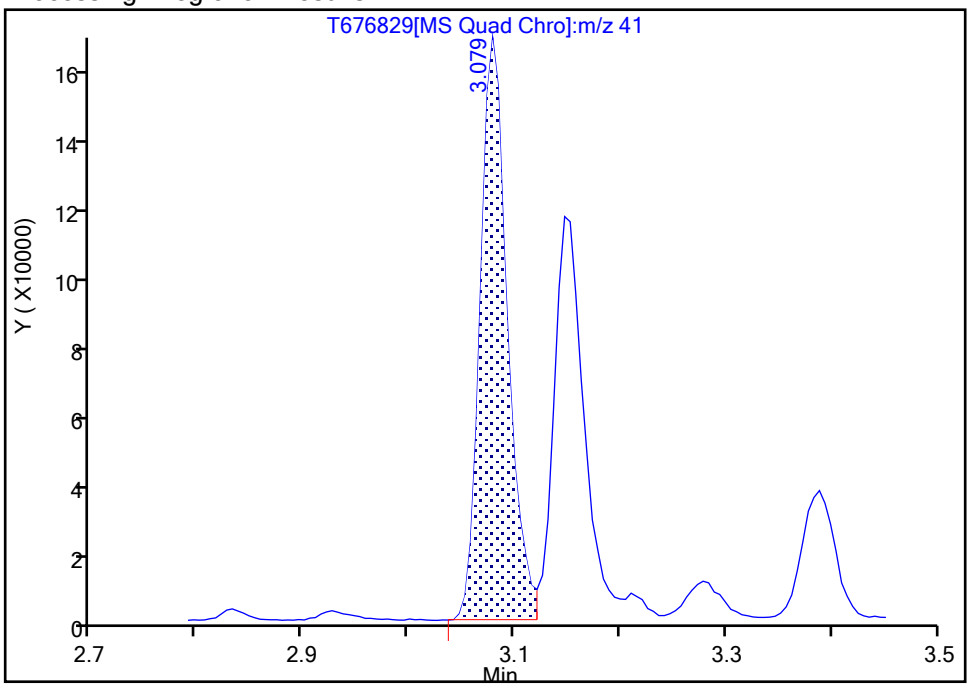
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

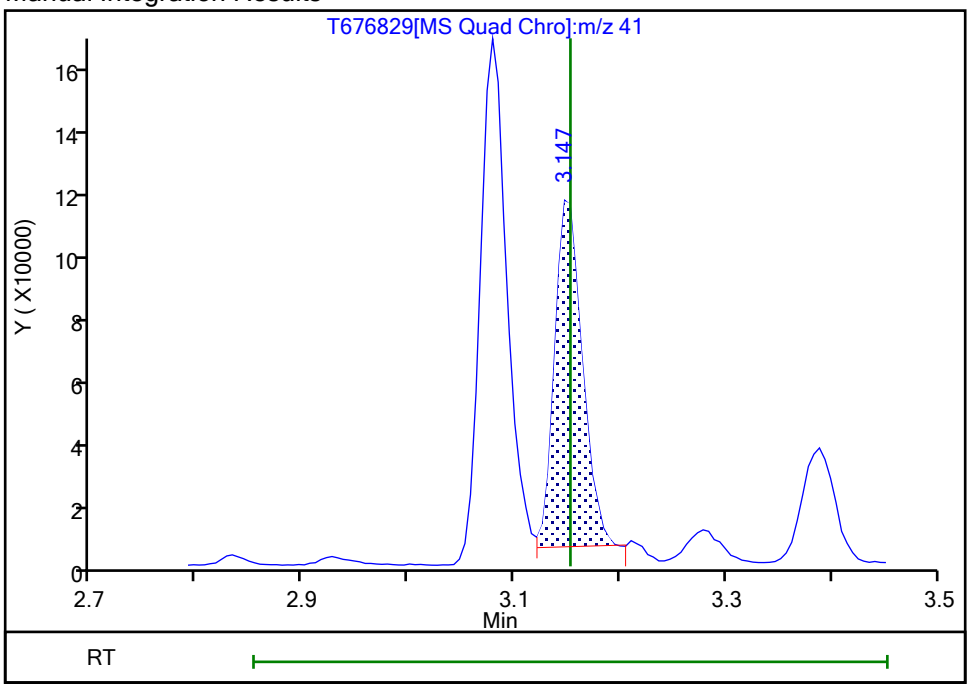
Processing Integration Results

RT: 3.08
Area: 288919
Amount: 500.2929
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 193004
Amount: 499.0458
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:52:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

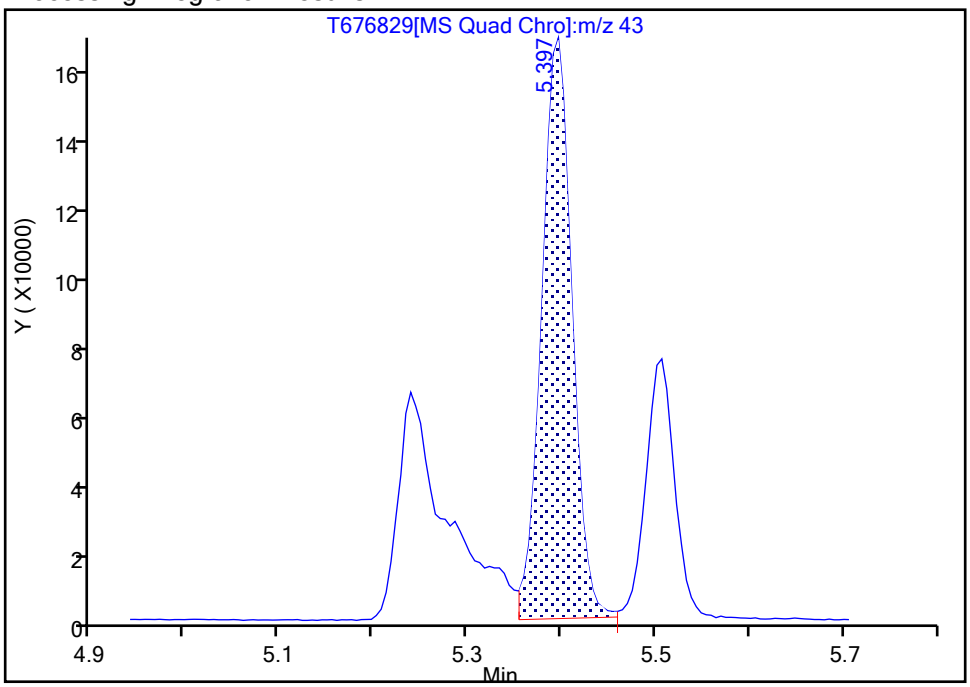
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

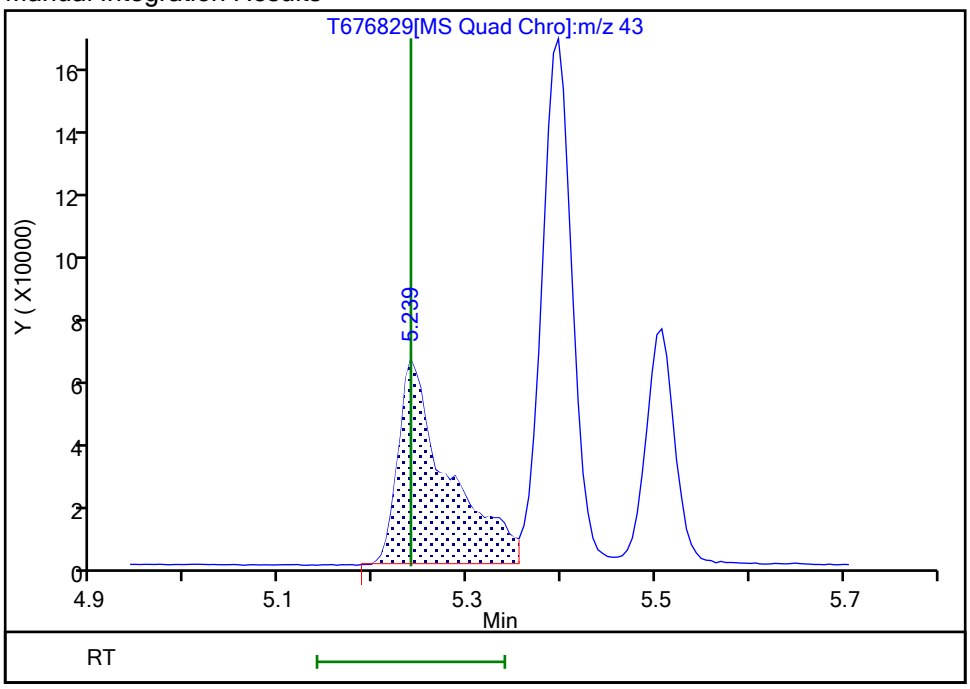
Processing Integration Results

RT: 5.40
Area: 371875
Amount: 1249.9390
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 240775
Amount: 1255.3336
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:53:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

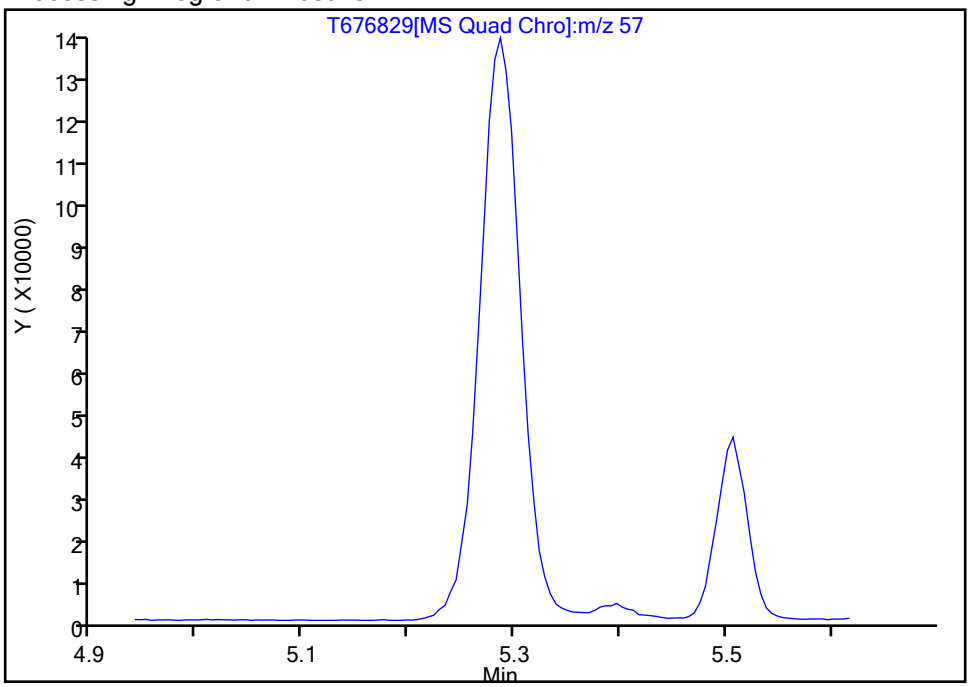
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

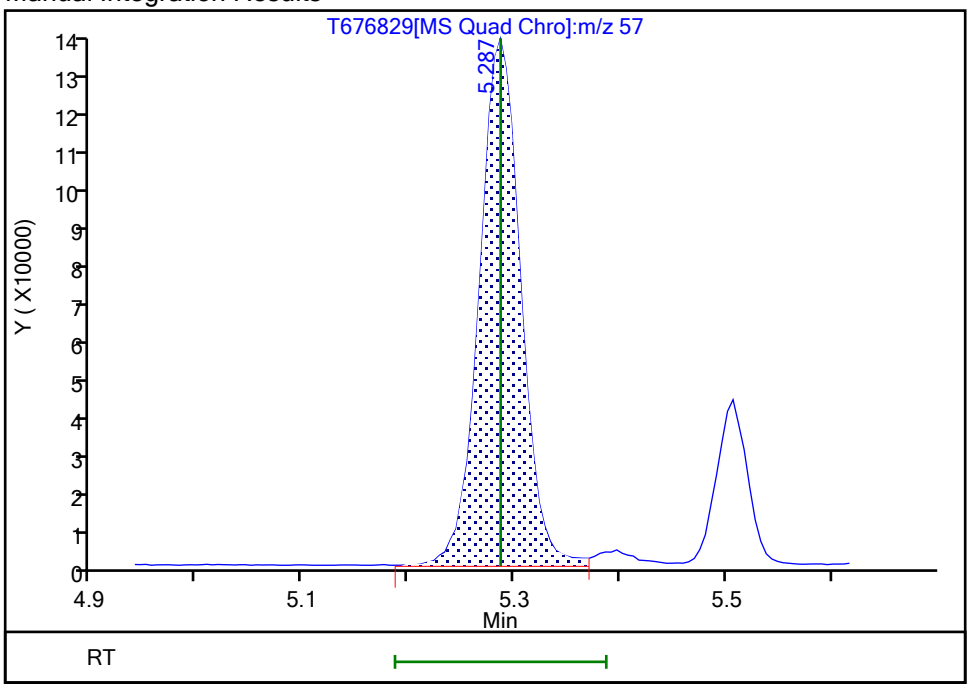
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 378290
Amount: 53.620682
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:04:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

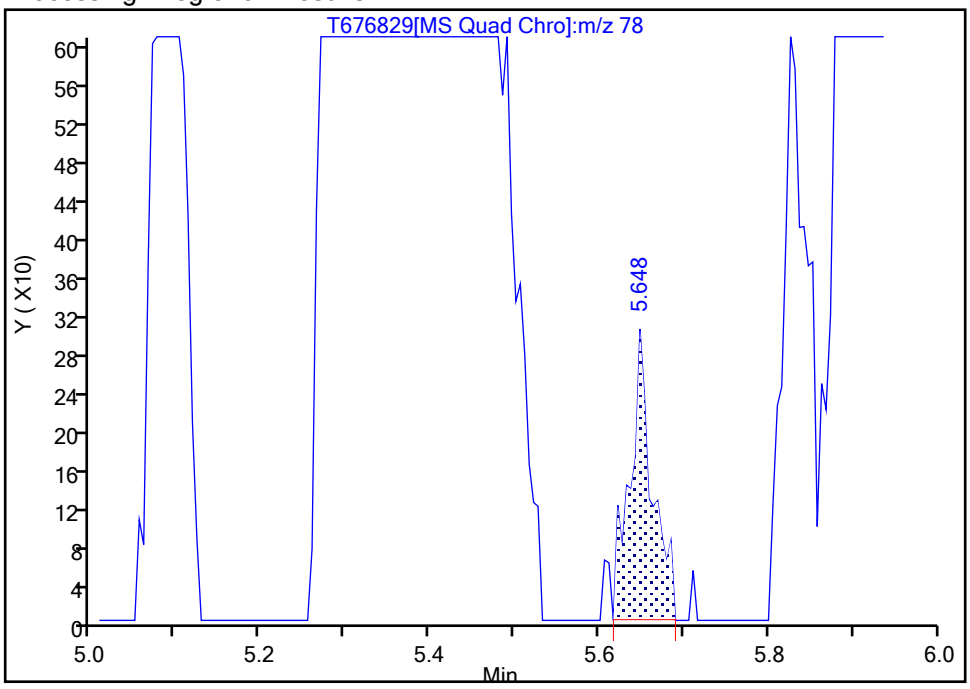
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

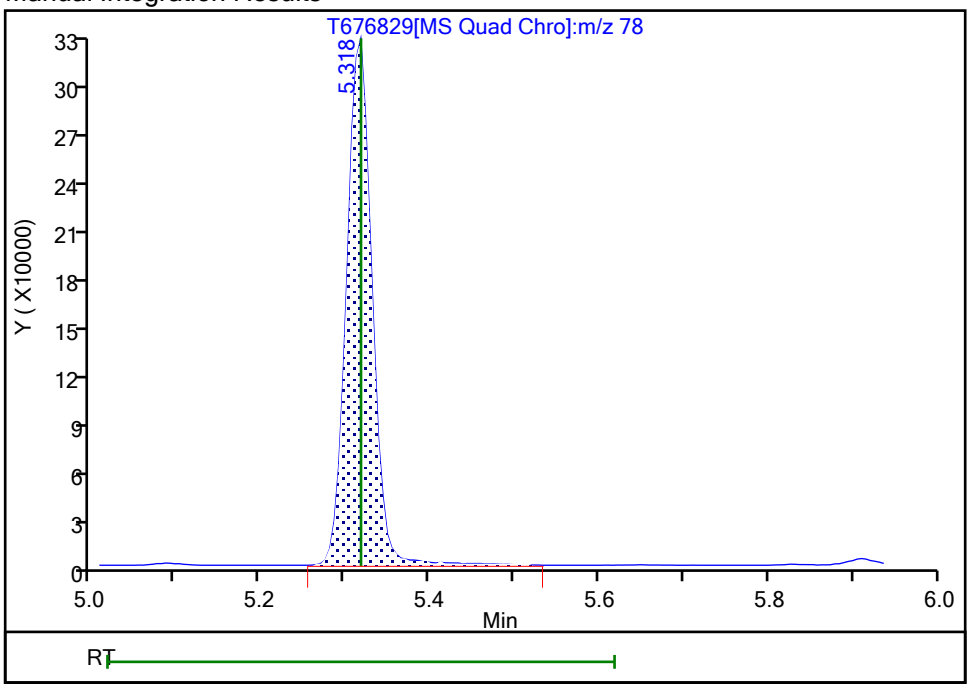
Processing Integration Results

RT: 5.65
Area: 562
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 669724
Amount: 48.955048
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:04:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

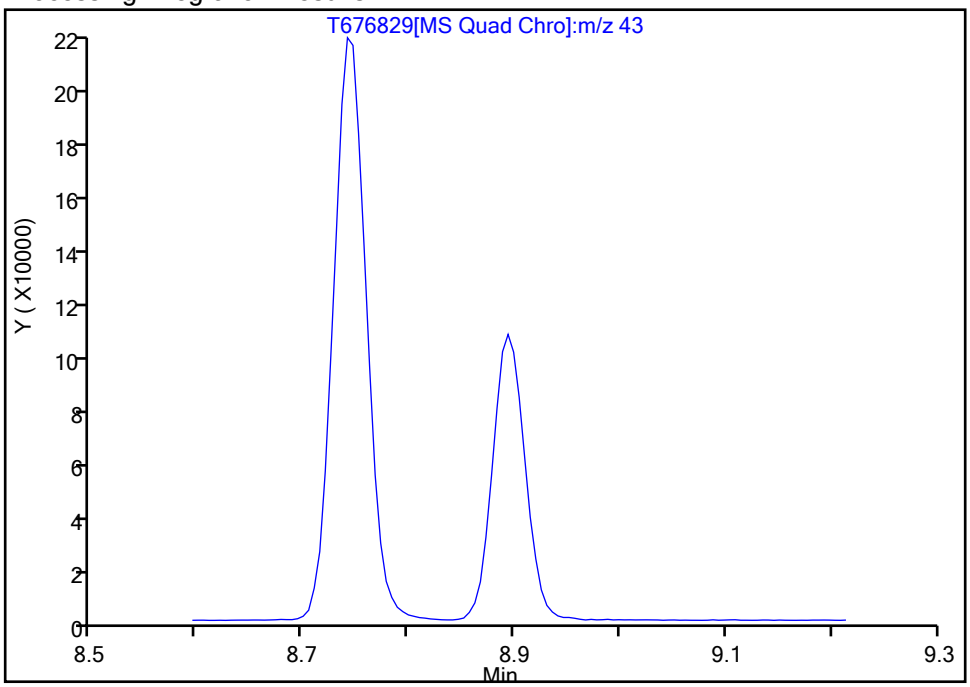
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676829.D
Injection Date: 21-Apr-2024 11:50:36 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

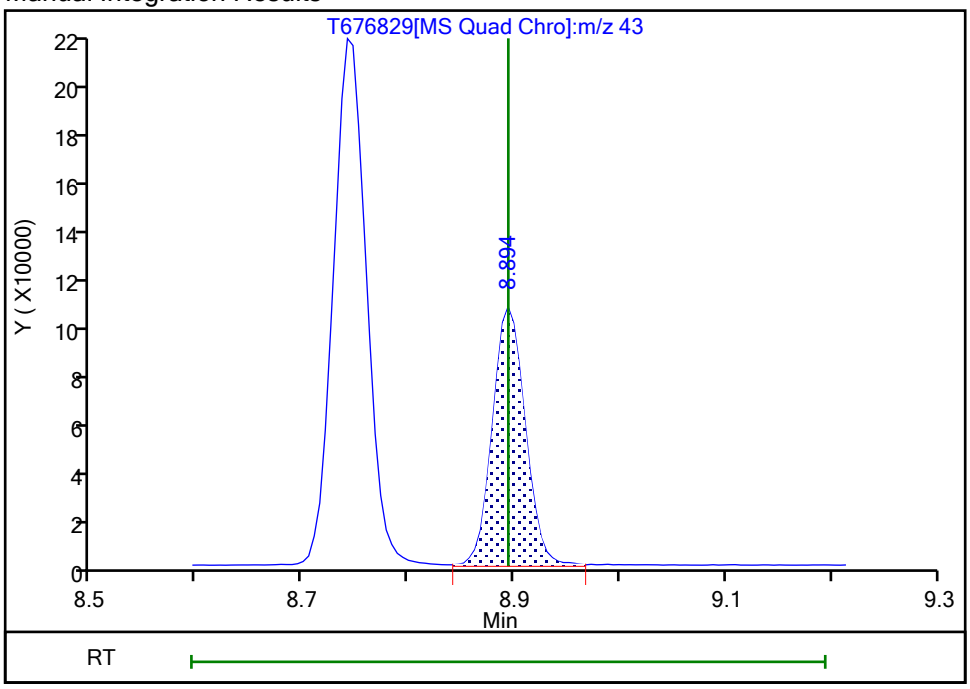
Not Detected
Expected RT: 8.89

Processing Integration Results



Manual Integration Results

RT: 8.89
Area: 222842
Amount: 46.846147
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:04:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Apr-2024 12:13:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0174952-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:30 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: FK2C Date: 22-Apr-2024 05:44:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	93	22311	200.0	185.3	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	95	137739	200.0	200.8	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	95	282552	200.0	174.3	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	100	932600	200.0	223.8	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	98	104896	200.0	176.6	
6 Chloromethane	50	1.611	1.611	0.000	99	886292	200.0	208.2	
7 Vinyl chloride	62	1.701	1.706	-0.005	99	754786	200.0	193.8	
8 Butadiene	54	1.732	1.732	0.000	96	607455	200.0	197.3	
9 Bromomethane	94	1.999	1.999	0.000	98	271735	200.0	214.1	
10 Chloroethane	64	2.089	2.088	0.001	99	470210	200.0	210.0	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	98	1362945	200.0	199.8	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	99	1119819	200.0	214.2	
13 Pentane	72	2.325	2.324	0.001	96	223835	400.0	387.9	
14 Ethanol	46	2.482	2.476	0.006	100	93451	8000.0	7545.2	
15 Ethyl ether	59	2.524	2.529	-0.005	92	482243	200.0	196.7	
17 2-Methyl-1,3-butadiene	53	2.545	2.550	-0.005	96	496120	200.0	193.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	93	500116	200.0	187.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	97	845774	200.0	186.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.707	-0.005	97	615361	200.0	207.6	
19 Acrolein	56	2.707	2.707	0.000	45	117839	200.0	188.4	
20 1,1-Dichloroethene	96	2.739	2.739	0.000	98	583033	200.0	185.7	
22 Acetone	43	2.833	2.833	0.000	88	881979	1000.0	1059.6	
23 Iodomethane	142	2.901	2.901	0.000	99	733297	200.0	226.5	
25 Isopropyl alcohol	45	2.927	2.927	0.000	31	260823	2000.0	1745.7	
24 Carbon disulfide	76	2.933	2.933	0.000	99	1898428	200.0	172.6	
27 3-Chloro-1-propene	76	3.080	3.079	0.001	91	337565	200.0	164.5	
28 Methyl acetate	43	3.095	3.095	0.000	81	736078	400.0	332.5	
29 Cyclopentene	67	3.101	3.100	0.001	95	1164242	200.0	185.5	
26 Acetonitrile	41	3.148	3.153	-0.005	99	607843	2000.0	1840.0	
* 31 TBA-d9 (IS)	66	3.200	3.200	0.000	65	29121	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	89	659795	200.0	173.0	
32 2-Methyl-2-propanol	59	3.279	3.273	0.006	98	425714	2000.0	1929.6	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	96	1574483	200.0	187.8	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	93	661977	200.0	180.7	
33 Acrylonitrile	53	3.504	3.499	0.005	95	1997403	2000.0	1687.9	
36 Hexane	57	3.593	3.593	0.000	91	742595	200.0	177.2	
40 Isopropyl ether	45	3.824	3.824	0.000	96	1785739	200.0	185.8	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	100	1074008	200.0	180.4	
38 Vinyl acetate	86	3.882	3.882	0.000	99	250763	400.0	439.0	
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	90	516045	200.0	173.5	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	89	1665678	200.0	188.7	
* 42 2-Butanone-d5	46	4.401	4.395	0.006	55	243424	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	95	239465	200.0	184.1	
43 cis-1,2-Dichloroethene	96	4.443	4.443	0.000	98	727843	200.0	182.3	
45 2-Butanone (MEK)	72	4.464	4.458	0.006	97	337728	1000.0	1013.9	
47 Ethyl acetate	70	4.469	4.474	-0.005	96	124346	400.0	413.8	
48 Methyl acrylate	55	4.527	4.527	0.000	100	484661	200.0	171.0	
46 Propionitrile	54	4.611	4.610	0.001	99	730497	2000.0	1641.9	
51 Tetrahydrofuran	72	4.689	4.689	0.000	82	130983	400.0	373.7	
49 Chlorobromomethane	128	4.694	4.694	0.000	83	330556	200.0	177.6	
50 Methacrylonitrile	67	4.731	4.726	0.005	90	2132908	2000.0	1685.9	
52 Chloroform	83	4.757	4.757	0.000	99	1023994	200.0	175.8	
55 Cyclohexane	84	4.899	4.899	0.000	88	855400	200.0	191.3	
54 1,1,1-Trichloroethane	97	4.915	4.915	0.001	97	957752	200.0	187.5	
$ 53 Dibromofluoromethane (Surr)	113	4.936	4.935	0.001	52	128770	50.0	47.1	
56 Carbon tetrachloride	117	5.051	5.051	0.000	99	939822	200.0	197.2	
57 1,1-Dichloropropene	75	5.093	5.093	0.000	98	906995	200.0	191.2	
59 Isobutyl alcohol	43	5.245	5.240	0.005	96	804472	5000.0	5574.4	a
62 Isooctane	57	5.287	5.287	0.000	99	1433053	200.0	207.2	a
60 Benzene	78	5.318	5.318	0.000	96	2425035	200.0	185.1	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	50	133187	50.0	49.1	
63 Isopropyl acetate	61	5.397	5.397	0.000	90	285588	200.0	168.9	
64 Tert-amyl methyl ether	73	5.397	5.397	0.000	80	1588153	200.0	188.3	
61 1,2-Dichloroethane	62	5.428	5.423	0.005	97	726710	200.0	181.3	
66 n-Heptane	43	5.507	5.507	0.000	90	602207	200.0	208.9	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	479206	50.0	50.0	
68 n-Butanol	56	6.021	6.021	0.000	85	298647	5000.0	4762.5	
67 Trichloroethene	95	6.068	6.068	0.000	98	724452	200.0	194.2	
70 Methylcyclohexane	83	6.204	6.204	0.000	89	970362	200.0	213.3	
69 Ethyl acrylate	55	6.215	6.215	0.000	95	1406987	200.0	197.3	
71 1,2-Dichloropropane	63	6.404	6.409	-0.005	91	667839	200.0	186.1	
* 73 1,4-Dioxane-d8	96	6.472	6.472	0.000	0	27307	1000.0	1000.0	
75 Methyl methacrylate	100	6.509	6.508	0.001	84	305793	400.0	368.5	
74 1,4-Dioxane	88	6.540	6.535	0.005	44	94699	4000.0	3120.6	
72 Dibromomethane	93	6.556	6.550	0.006	94	409101	200.0	177.3	
76 n-Propyl acetate	43	6.577	6.577	0.000	98	727991	200.0	179.5	
77 Dichlorobromomethane	83	6.739	6.739	0.000	99	899808	200.0	194.4	
78 2-Nitropropane	41	7.143	7.138	0.005	91	279581	400.0	392.9	
79 2-Chloroethyl vinyl ether	106	7.153	7.148	0.005	59	34505	200.5	146.4	
80 Epichlorohydrin	57	7.269	7.269	0.000	99	807181	4000.0	3540.1	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	90	1132148	200.0	193.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.541	7.541	0.000	95	2326709	1000.0	1009.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	100	462654	50.0	49.2	
84 Toluene	91	7.720	7.720	0.000	93	2624370	200.0	183.3	
85 trans-1,3-Dichloropropene	75	8.144	8.150	-0.006	96	995853	200.0	192.6	
86 Ethyl methacrylate	69	8.197	8.197	0.000	87	759589	200.0	187.4	
87 1,1,2-Trichloroethane	83	8.401	8.401	0.000	96	508164	200.0	190.2	
88 Tetrachloroethene	166	8.443	8.443	0.000	99	783721	200.0	201.5	
89 1,3-Dichloropropane	76	8.653	8.653	0.000	91	987190	200.0	191.5	
90 2-Hexanone	43	8.747	8.747	0.000	95	1642369	1000.0	970.3	a
93 n-Butyl acetate	43	8.894	8.894	0.000	99	778865	200.0	171.0	a
91 Chlorodibromomethane	129	8.926	8.925	0.001	97	740724	200.0	194.1	
92 Ethylene Dibromide	107	9.104	9.104	0.000	99	638205	200.0	190.0	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	58	376267	50.0	50.0	
95 Chlorobenzene	112	9.822	9.817	0.005	96	1770432	200.0	187.7	
97 Ethylbenzene	106	9.959	9.953	0.005	98	924888	200.0	185.1	
96 1,1,1,2-Tetrachloroethane	131	9.974	9.969	0.005	57	661235	200.0	193.1	
98 m-Xylene & p-Xylene	106	10.153	10.152	0.000	96	1122797	200.0	186.5	
99 o-Xylene	106	10.792	10.792	0.000	94	1071263	200.0	186.0	
101 n-Butyl acrylate	73	10.808	10.808	0.000	85	417583	200.0	171.8	
100 Styrene	104	10.845	10.839	0.006	96	1681056	200.0	179.8	
102 Bromoform	173	11.154	11.154	0.000	96	500533	200.0	185.9	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	91	853503	200.0	183.1	
104 Isopropylbenzene	105	11.369	11.369	0.000	96	2380523	200.0	178.4	
$ 105 4-Bromofluorobenzene	174	11.647	11.647	0.000	93	157254	50.0	48.7	
106 Bromobenzene	156	11.825	11.820	0.005	91	743269	200.0	205.3	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	98	673893	200.0	184.8	
110 N-Propylbenzene	91	11.946	11.946	0.000	99	3044852	200.0	190.3	
108 1,2,3-Trichloropropane	110	11.972	11.966	0.006	96	196774	200.0	180.7	
109 trans-1,4-Dichloro-2-butene	53	12.009	12.003	0.006	97	181437	200.0	190.0	
111 2-Chlorotoluene	91	12.071	12.071	0.000	97	2041489	200.0	185.8	
112 4-Ethyltoluene	105	12.103	12.098	0.005	98	2432225	200.0	189.6	
114 1,3,5-Trimethylbenzene	105	12.192	12.187	0.005	93	1989566	200.0	190.0	
113 4-Chlorotoluene	91	12.224	12.223	0.001	97	2002662	200.0	184.4	
115 Butyl Methacrylate	87	12.344	12.344	0.000	87	707599	200.0	189.6	
116 tert-Butylbenzene	119	12.554	12.554	0.000	94	1691182	200.0	189.0	
117 1,2,4-Trimethylbenzene	105	12.627	12.627	0.000	97	1999991	200.0	188.7	
118 sec-Butylbenzene	105	12.806	12.800	0.006	99	2387628	200.0	187.6	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	97	1211278	200.0	193.9	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	96	2019354	200.0	187.3	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	93	178888	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.057	13.052	0.005	96	1198963	200.0	188.2	
123 1,2,3-Trimethylbenzene	105	13.089	13.083	0.006	98	1970455	200.0	186.3	
124 Benzyl chloride	91	13.214	13.214	0.000	99	1282469	200.0	199.9	
125 2,3-Dihydroindene	117	13.283	13.283	0.000	90	1877873	200.0	187.9	
127 p-Diethylbenzene	119	13.361	13.361	0.000	93	1151310	200.0	187.4	
128 n-Butylbenzene	92	13.388	13.387	0.001	98	949130	200.0	181.2	
126 1,2-Dichlorobenzene	146	13.435	13.429	0.006	98	1045765	200.0	190.3	
130 1,2,4,5-Tetramethylbenzene	119	14.101	14.100	0.001	97	1670476	200.0	192.6	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	91	141017	200.0	178.8	
131 1,3,5-Trichlorobenzene	180	14.310	14.310	0.000	95	700531	200.0	190.4	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	95	595921	200.0	189.9	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	81	301622	200.0	202.1	
134 Naphthalene	128	15.050	15.049	0.001	99	1341899	200.0	206.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	96	455815	200.0	207.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	363.1	
S 137 Xylenes, Total	100				0		400.0	372.5	
S 140 Total BTEX	1				0		1000.0	926.0	
S 139 1,3-Dichloropropene, Total	1				0		400.0	386.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

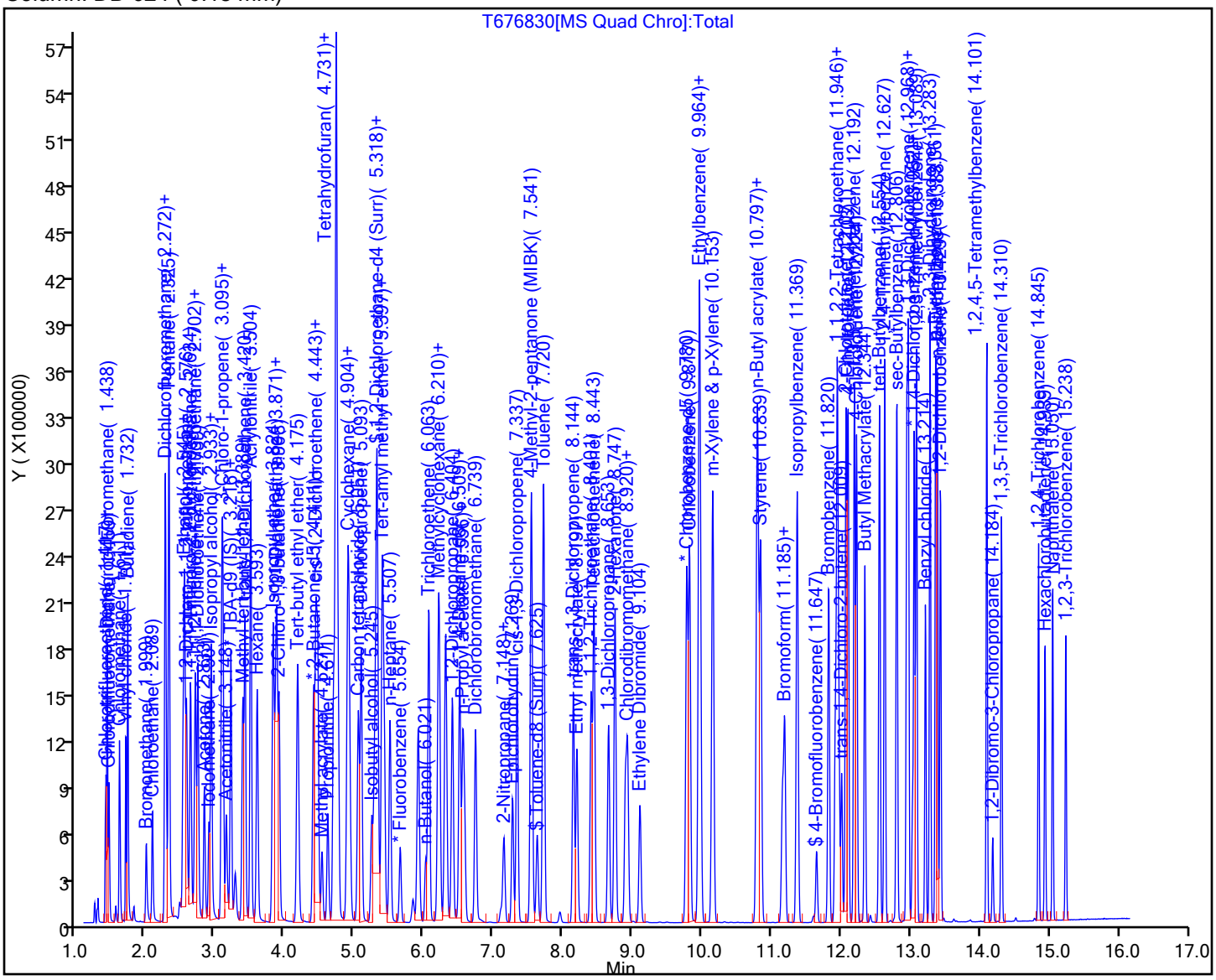
Reagents:

ACROLEIN W_00167	Amount Added:	20.00	Units: uL	
GAS Hi_00468	Amount Added:	20.00	Units: uL	
Ethanol mix_00088	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00148	Amount Added:	20.00	Units: uL	
MIX I Hi_00175	Amount Added:	20.00	Units: uL	
7 Freons Hi_00013	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:30 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

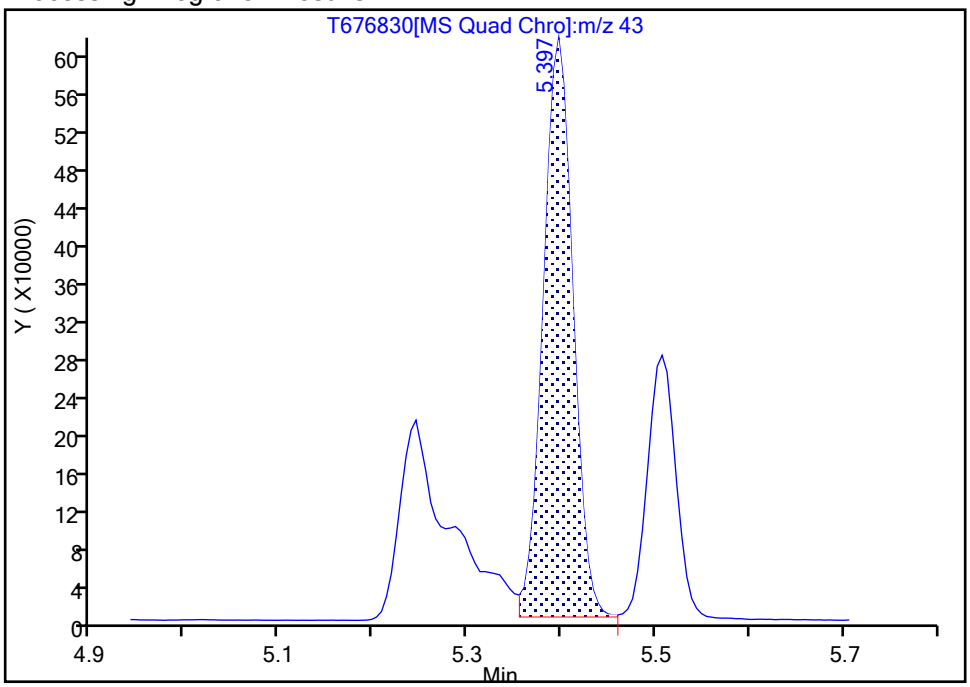
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

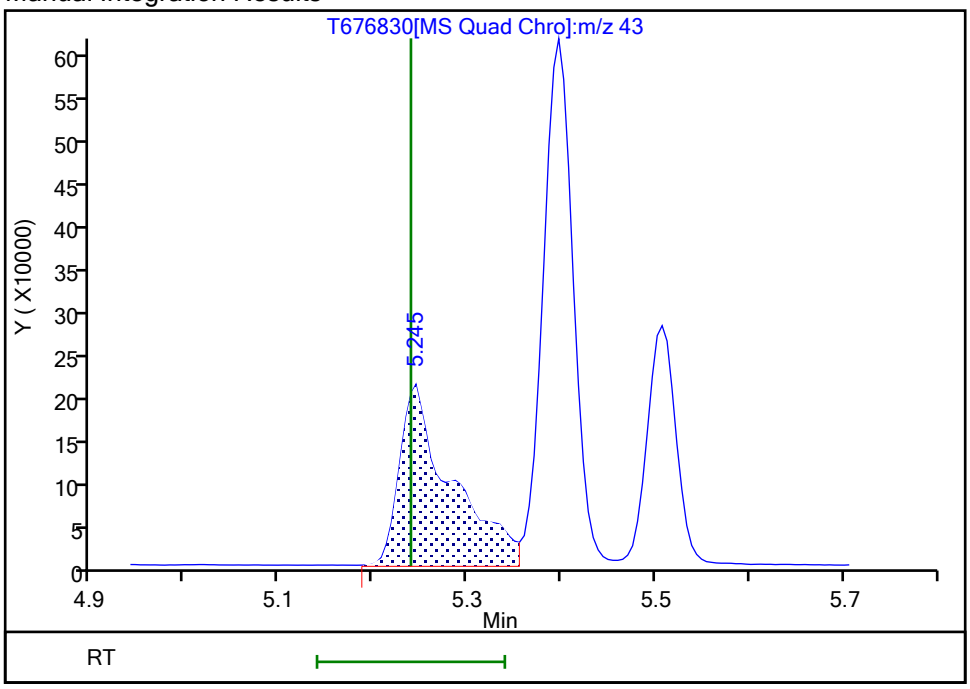
Processing Integration Results

RT: 5.40
Area: 1356243
Amount: 5000.4304
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 804472
Amount: 5574.3861
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:54:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

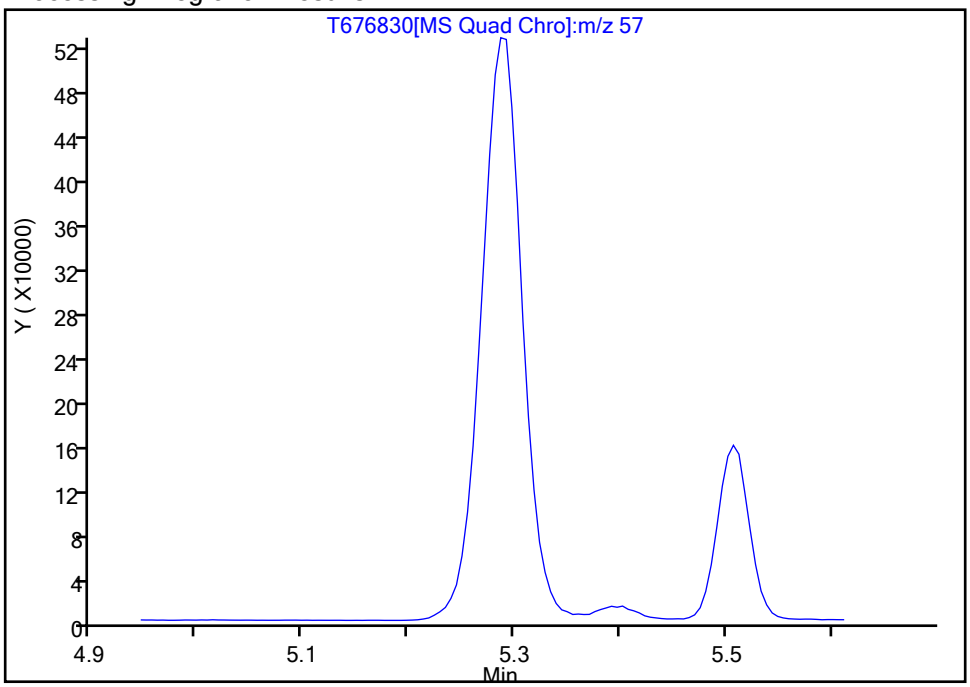
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

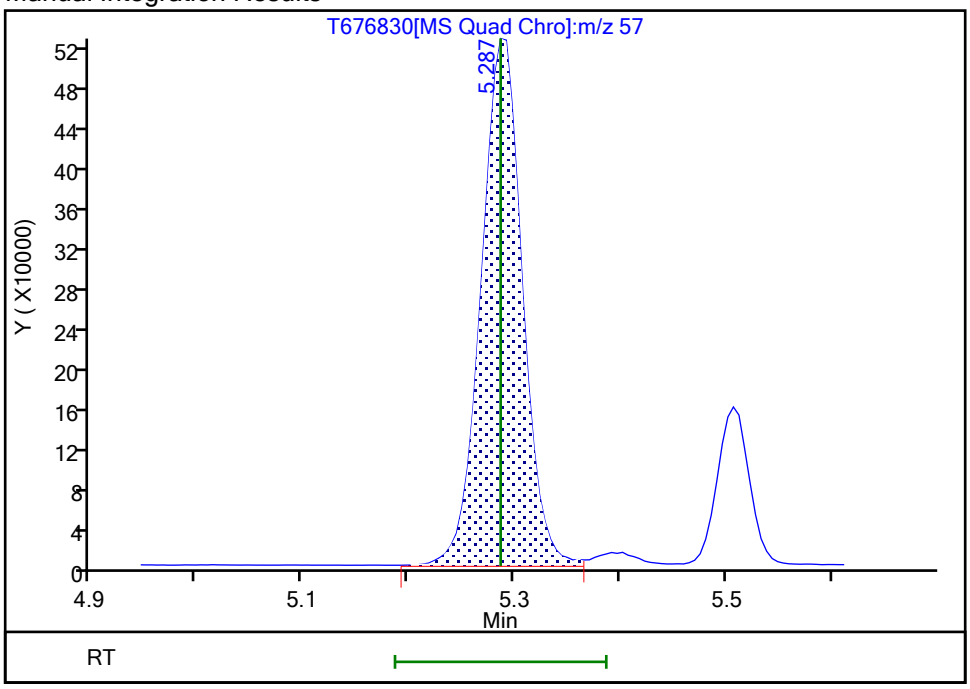
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 1433053
Amount: 207.1718
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:05:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

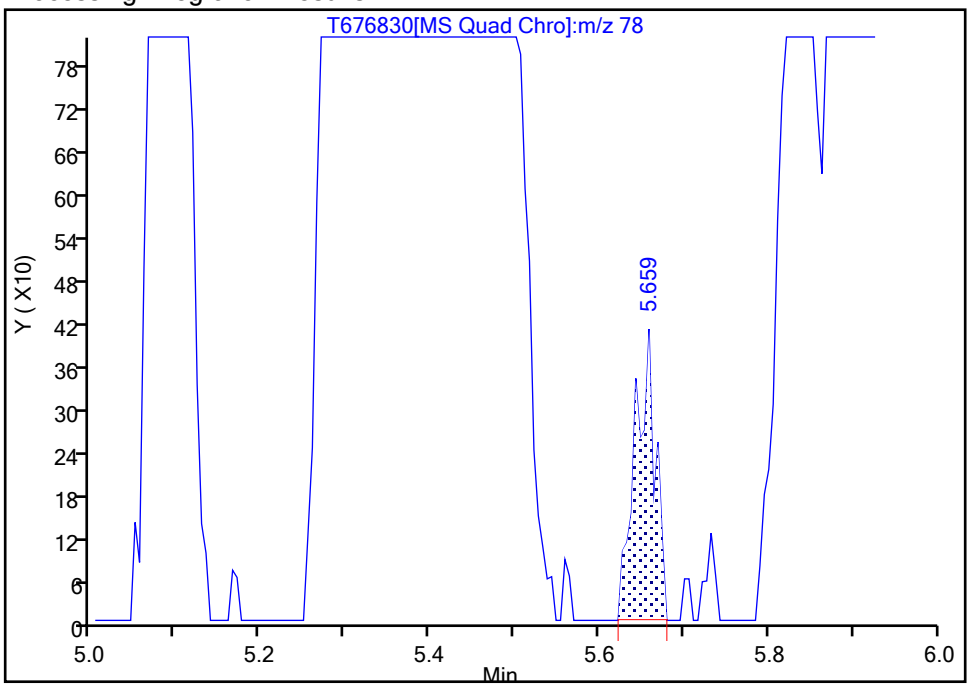
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

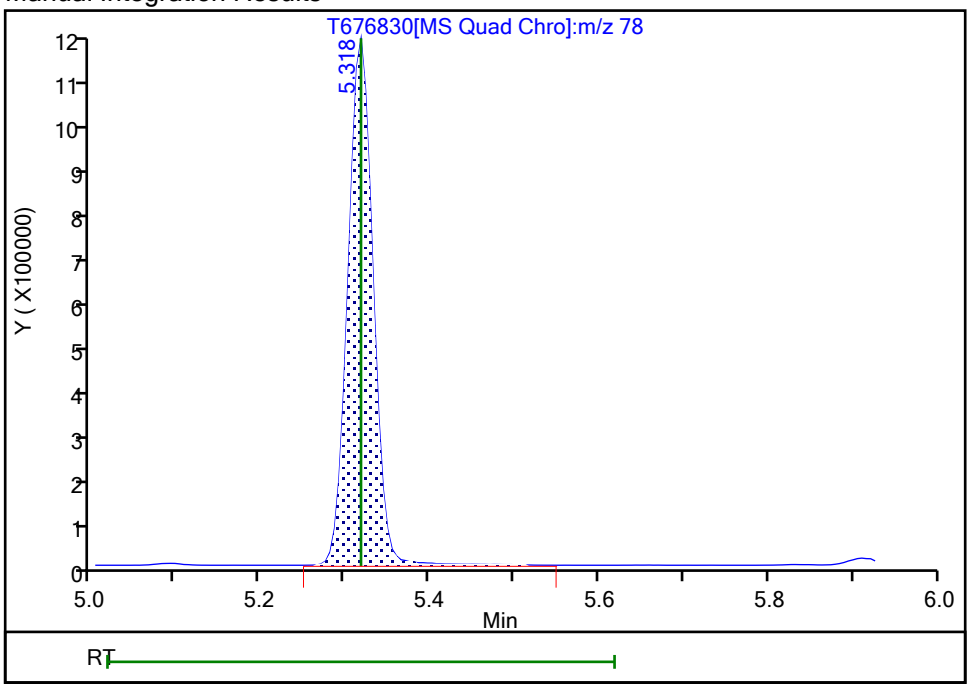
Processing Integration Results

RT: 5.66
Area: 673
Amount: 0.104910
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 2425035
Amount: 185.1109
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:05:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

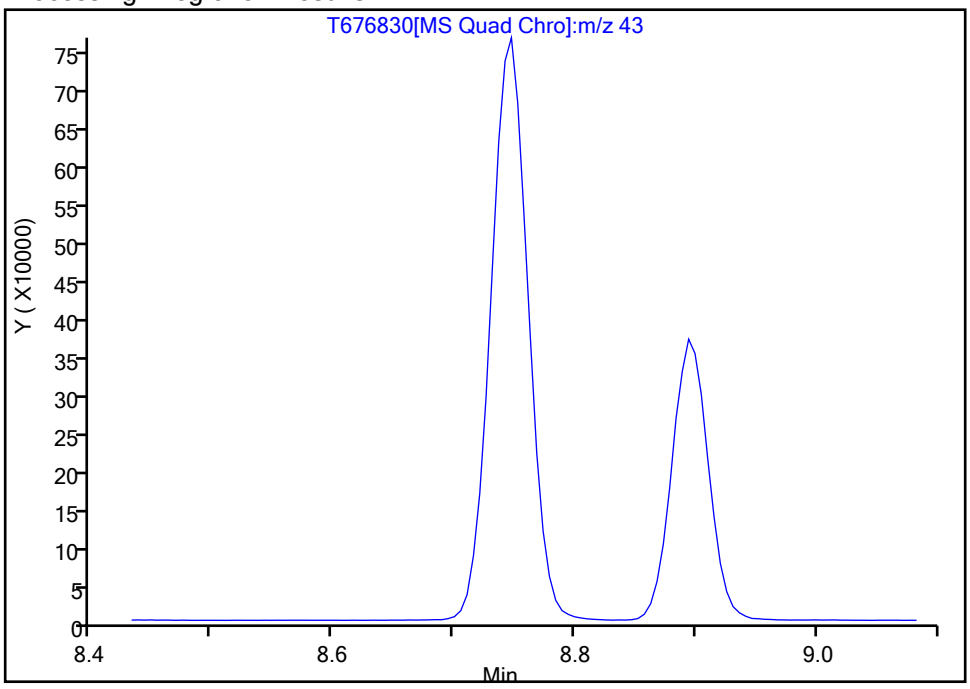
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

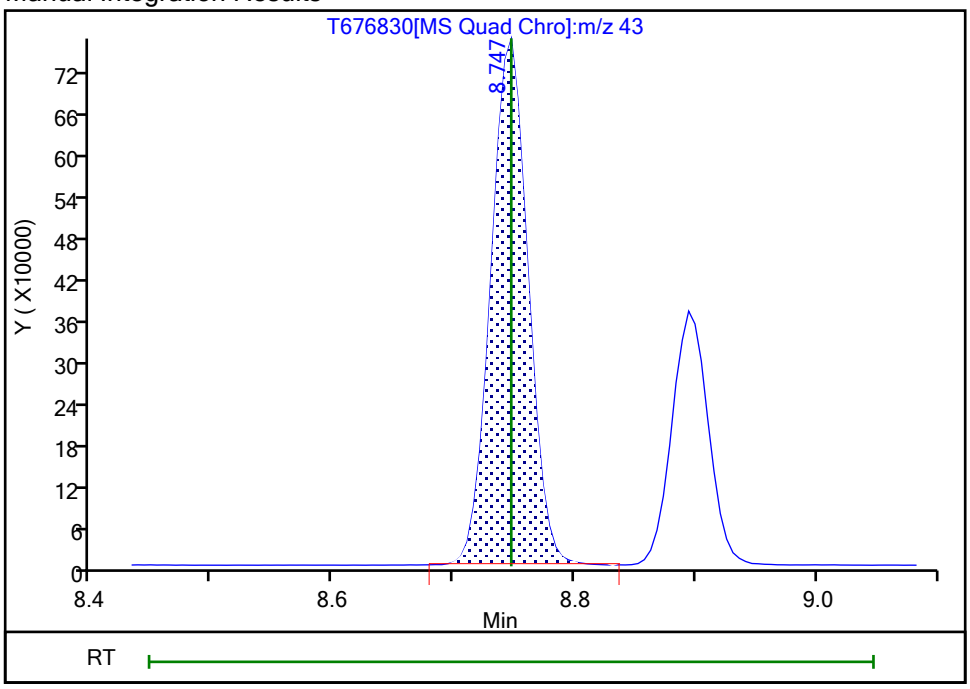
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.75
Area: 1642369
Amount: 970.3192
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:05:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

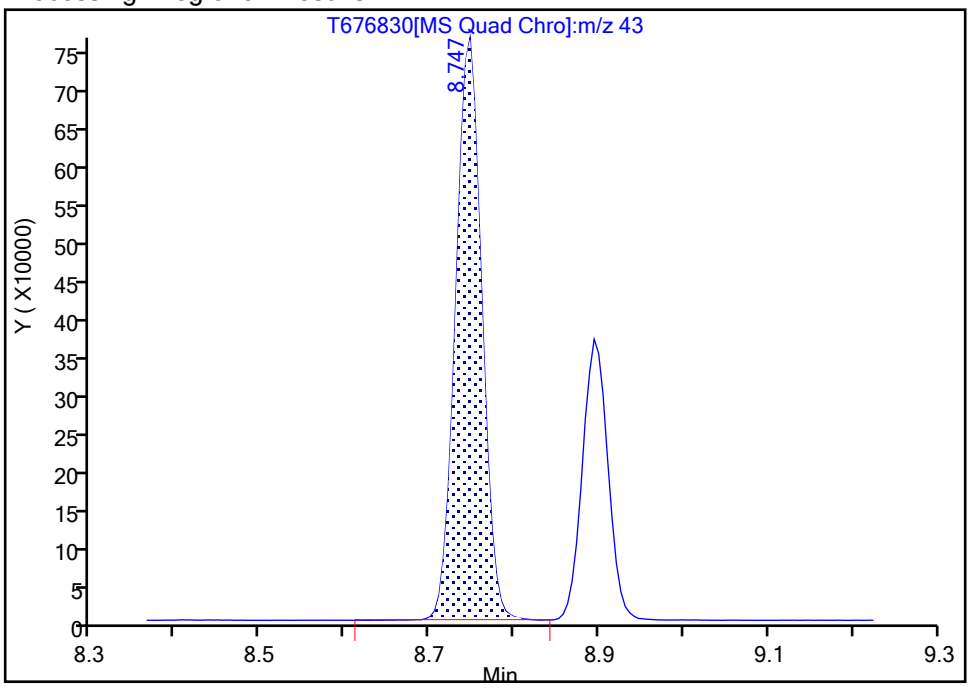
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676830.D
Injection Date: 21-Apr-2024 12:13:15 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

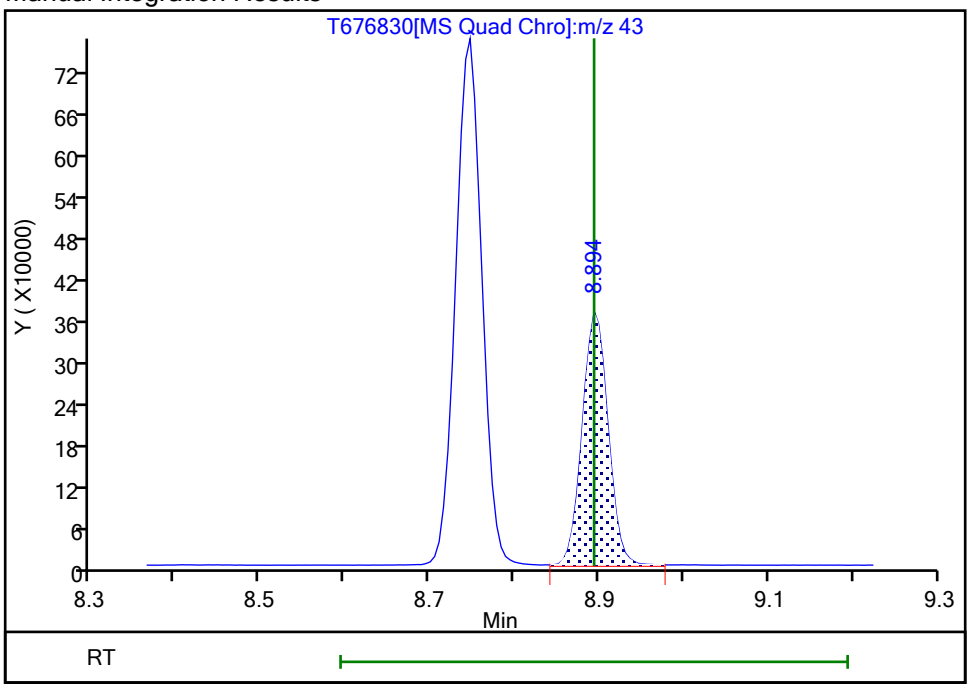
Processing Integration Results

RT: 8.75
Area: 1648695
Amount: 200.0000
Amount Units: ug/l



Manual Integration Results

RT: 8.89
Area: 778865
Amount: 170.9824
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:05:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-Apr-2024 12:35:55 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0174952-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:36 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: FK2C Date: 22-Apr-2024 05:38:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	95	45936	500.0	503.7	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	95	303871	500.0	464.8	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	95	657360	500.0	425.6	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	99	1915817	500.0	482.5	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	98	251185	500.0	443.7	
6 Chloromethane	50	1.611	1.611	0.000	99	2158122	500.0	532.1	
7 Vinyl chloride	62	1.701	1.706	-0.005	99	1762216	500.0	474.6	
8 Butadiene	54	1.732	1.732	0.000	96	1327458	500.0	452.3	
9 Bromomethane	94	1.989	1.999	-0.010	97	512594	500.0	497.1	
10 Chloroethane	64	2.083	2.088	-0.005	100	928900	500.0	445.6	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	97	2973647	500.0	457.3	
12 Trichlorofluoromethane	101	2.272	2.277	-0.005	83	2380688	500.0	477.9	
13 Pentane	72	2.319	2.324	-0.005	95	448705	1000.0	816.0	
14 Ethanol	46	2.487	2.476	0.011	100	228545	20000	18241	a
15 Ethyl ether	59	2.524	2.529	-0.005	90	1060049	500.0	503.9	
17 2-Methyl-1,3-butadiene	53	2.545	2.550	-0.005	97	1035138	500.0	422.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	92	1096851	500.0	431.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	97	1868408	500.0	431.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.707	-0.005	98	1230403	500.0	435.5	
19 Acrolein	56	2.707	2.707	0.000	44	219317	400.0	367.9	
20 1,1-Dichloroethene	96	2.739	2.739	0.000	98	1269043	500.0	424.2	
22 Acetone	43	2.833	2.833	0.000	88	2065883	2500.0	2665.6	
23 Iodomethane	142	2.896	2.901	-0.005	99	1401264	500.0	454.1	
25 Isopropyl alcohol	45	2.938	2.927	0.011	31	656279	5000.0	4342.2	
24 Carbon disulfide	76	2.933	2.933	0.000	99	4118512	500.0	392.9	
27 3-Chloro-1-propene	76	3.079	3.079	0.000	89	658830	500.0	336.9	
28 Methyl acetate	43	3.095	3.095	0.000	91	1742160	1000.0	825.7	
29 Cyclopentene	67	3.100	3.100	0.000	94	2501191	500.0	418.2	
26 Acetonitrile	41	3.153	3.153	0.000	99	1365521	5000.0	4439.4	a
* 31 TBA-d9 (IS)	66	3.216	3.200	0.016	30	29459	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	89	1497857	500.0	412.1	
32 2-Methyl-2-propanol	59	3.289	3.273	0.016	98	1038709	5000.0	4654.0	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	96	3655133	500.0	457.4	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	93	1494213	500.0	428.1	
33 Acrylonitrile	53	3.509	3.499	0.010	94	4514324	5000.0	4002.9	
36 Hexane	57	3.593	3.593	0.000	92	1448398	500.0	362.7	
40 Isopropyl ether	45	3.824	3.824	0.000	95	4112563	500.0	448.9	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	100	2400314	500.0	423.0	
38 Vinyl acetate	86	3.882	3.882	0.000	99	570005	1000.0	1071.7	
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	90	1190443	500.0	420.0	
41 Tert-butyl ethyl ether	59	4.181	4.175	0.006	90	3904501	500.0	464.2	
* 42 2-Butanone-d5	46	4.406	4.395	0.011	49	226655	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	96	549046	500.0	442.9	
43 cis-1,2-Dichloroethene	96	4.443	4.443	0.000	98	1669385	500.0	438.8	
45 2-Butanone (MEK)	72	4.464	4.458	0.006	97	805859	2500.0	2598.3	
47 Ethyl acetate	70	4.474	4.474	0.000	96	297924	1000.0	1064.7	
48 Methyl acrylate	55	4.532	4.527	0.005	100	1155885	500.0	428.0	
46 Propionitrile	54	4.621	4.610	0.011	98	1748193	5000.0	4122.9	
51 Tetrahydrofuran	72	4.694	4.689	0.005	79	320004	1000.0	980.6	
49 Chlorobromomethane	128	4.700	4.694	0.006	81	768905	500.0	433.5	
50 Methacrylonitrile	67	4.742	4.726	0.016	89	4686581	5000.0	3886.8	
52 Chloroform	83	4.768	4.757	0.011	99	2321307	500.0	418.2	
55 Cyclohexane	84	4.899	4.899	0.000	89	1807692	500.0	424.2	
54 1,1,1-Trichloroethane	97	4.920	4.915	0.006	97	2229499	500.0	458.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.935	0.006	41	122332	50.0	46.9	
56 Carbon tetrachloride	117	5.051	5.051	0.000	99	2183986	500.0	480.8	
57 1,1-Dichloropropene	75	5.093	5.093	0.000	98	2079923	500.0	460.1	
59 Isobutyl alcohol	43	5.250	5.240	0.010	96	1895760	12500	12985	
62 Isooctane	57	5.292	5.287	0.005	98	2889313	500.0	438.3	a
60 Benzene	78	5.318	5.318	0.000	96	5404774	500.0	438.6	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	41	129202	50.0	50.0	
63 Isopropyl acetate	61	5.402	5.397	0.005	91	661246	500.0	410.4	
64 Tert-amyl methyl ether	73	5.402	5.397	0.005	79	3675218	500.0	457.2	
61 1,2-Dichloroethane	62	5.428	5.423	0.005	97	1695092	500.0	443.6	
66 n-Heptane	43	5.507	5.507	0.000	91	1188762	500.0	432.7	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	456705	50.0	50.0	
68 n-Butanol	56	6.031	6.021	0.010	86	799032	12500	12596	
67 Trichloroethene	95	6.068	6.068	0.000	97	1651863	500.0	464.7	
70 Methylcyclohexane	83	6.210	6.204	0.006	87	1972113	500.0	454.8	
69 Ethyl acrylate	55	6.220	6.215	0.005	96	3035943	500.0	446.8	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	91	1495676	500.0	437.2	
* 73 1,4-Dioxane-d8	96	6.482	6.472	0.010	13	22885	1000.0	1000.0	a
75 Methyl methacrylate	100	6.514	6.508	0.006	84	728893	1000.0	921.7	
74 1,4-Dioxane	88	6.550	6.535	0.015	40	250700	10000	9857.5	
72 Dibromomethane	93	6.556	6.550	0.006	94	899334	500.0	409.0	
76 n-Propyl acetate	43	6.582	6.577	0.005	98	1721917	500.0	445.6	
77 Dichlorobromomethane	83	6.739	6.739	0.000	99	2115939	500.0	479.6	
78 2-Nitropropane	41	7.148	7.138	0.010	90	679643	1000.0	1003.5	
79 2-Chloroethyl vinyl ether	106	7.159	7.148	0.011	62	97088	501.2	432.1	
80 Epichlorohydrin	57	7.274	7.269	0.005	99	1750484	10000	8245.2	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	91	2579598	500.0	469.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.541	0.006	95	5306397	2500.0	2472.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	444167	50.0	50.2	
84 Toluene	91	7.720	7.720	0.000	94	5908038	500.0	438.7	
85 trans-1,3-Dichloropropene	75	8.150	8.150	0.000	96	2281165	500.0	469.1	
86 Ethyl methacrylate	69	8.202	8.197	0.005	87	1762482	500.0	462.1	
87 1,1,2-Trichloroethane	83	8.406	8.401	0.005	96	1158299	500.0	460.7	
88 Tetrachloroethene	166	8.448	8.443	0.005	98	1788332	500.0	488.8	
89 1,3-Dichloropropane	76	8.658	8.653	0.005	91	2262649	500.0	466.5	
90 2-Hexanone	43	8.753	8.747	0.006	95	3866539	2500.0	2453.4	
93 n-Butyl acetate	43	8.899	8.894	0.005	99	1824007	500.0	425.6	a
91 Chlorodibromomethane	129	8.931	8.925	0.006	97	1736756	500.0	483.7	
92 Ethylene Dibromide	107	9.109	9.104	0.005	98	1483066	500.0	469.3	
* 94 Chlorobenzene-d5	117	9.780	9.775	0.005	43	353969	50.0	50.0	a
95 Chlorobenzene	112	9.822	9.817	0.005	96	4059982	500.0	457.6	
97 Ethylbenzene	106	9.964	9.953	0.011	98	2148151	500.0	457.1	
96 1,1,1,2-Tetrachloroethane	131	9.979	9.969	0.010	59	1533261	500.0	475.9	
98 m-Xylene & p-Xylene	106	10.158	10.152	0.006	96	2612848	500.0	461.3	
99 o-Xylene	106	10.797	10.792	0.005	94	2429253	500.0	448.4	
101 n-Butyl acrylate	73	10.813	10.808	0.005	91	951391	500.0	416.2	
100 Styrene	104	10.845	10.839	0.006	95	3837672	500.0	436.3	
102 Bromoform	173	11.159	11.154	0.005	97	1229209	500.0	485.2	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	91	2074018	500.0	449.4	
104 Isopropylbenzene	105	11.374	11.369	0.005	96	5583253	500.0	444.7	
$ 105 4-Bromofluorobenzene	174	11.652	11.647	0.005	95	152798	50.0	50.3	
106 Bromobenzene	156	11.825	11.820	0.005	92	1802011	500.0	502.9	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	97	1614664	500.0	447.4	
110 N-Propylbenzene	91	11.951	11.946	0.005	99	6945102	500.0	438.5	
108 1,2,3-Trichloropropane	110	11.977	11.966	0.011	96	478051	500.0	443.4	
109 trans-1,4-Dichloro-2-butene	53	12.014	12.003	0.011	97	457826	500.0	484.4	
111 2-Chlorotoluene	91	12.077	12.071	0.006	97	4815866	500.0	442.9	
112 4-Ethyltoluene	105	12.103	12.098	0.005	97	5667011	500.0	446.3	
114 1,3,5-Trimethylbenzene	105	12.197	12.187	0.010	93	4631407	500.0	446.9	
113 4-Chlorotoluene	91	12.229	12.223	0.006	97	4684101	500.0	435.8	
115 Butyl Methacrylate	87	12.349	12.344	0.005	87	1685442	500.0	456.2	
116 tert-Butylbenzene	119	12.559	12.554	0.005	92	3962201	500.0	447.4	
117 1,2,4-Trimethylbenzene	105	12.632	12.627	0.005	97	4650841	500.0	443.3	
118 sec-Butylbenzene	105	12.805	12.800	0.005	98	5434752	500.0	431.4	
119 1,3-Dichlorobenzene	146	12.952	12.947	0.005	97	2860463	500.0	462.6	
122 4-Isopropyltoluene	119	12.973	12.968	0.005	95	4619237	500.0	432.9	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	93	177072	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.057	13.052	0.005	95	2842271	500.0	450.6	
123 1,2,3-Trimethylbenzene	105	13.089	13.083	0.006	98	4599366	500.0	439.3	
124 Benzyl chloride	91	13.220	13.214	0.006	99	3114578	500.0	490.5	
125 2,3-Dihydroindene	117	13.288	13.283	0.005	90	4332489	500.0	438.0	
127 p-Diethylbenzene	119	13.366	13.361	0.005	93	2694008	500.0	442.9	
128 n-Butylbenzene	92	13.387	13.387	0.000	98	2177178	500.0	420.0	
126 1,2-Dichlorobenzene	146	13.435	13.429	0.006	97	2470538	500.0	454.3	
130 1,2,4,5-Tetramethylbenzene	119	14.101	14.100	0.000	97	3962007	500.0	461.6	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	93	362370	500.0	464.1	
131 1,3,5-Trichlorobenzene	180	14.315	14.310	0.005	97	1732139	500.0	475.5	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	94	1479573	500.0	476.2	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	80	694988	500.0	499.7	
134 Naphthalene	128	15.050	15.049	0.001	99	3389239	500.0	528.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	95	1152455	500.0	531.1	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	866.9	
S 137 Xylenes, Total	100				0		1000.0	909.7	
S 140 Total BTEX	1				0		2500.0	2244.0	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	938.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

7 Freons Hi_00013	Amount Added:	50.00	Units: uL	
Ethanol mix_00088	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00148	Amount Added:	50.00	Units: uL	
MIX I Hi_00175	Amount Added:	50.00	Units: uL	
GAS Hi_00468	Amount Added:	50.00	Units: uL	
ACROLEIN W_00167	Amount Added:	40.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:37 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D

Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15

Lims ID: STD500

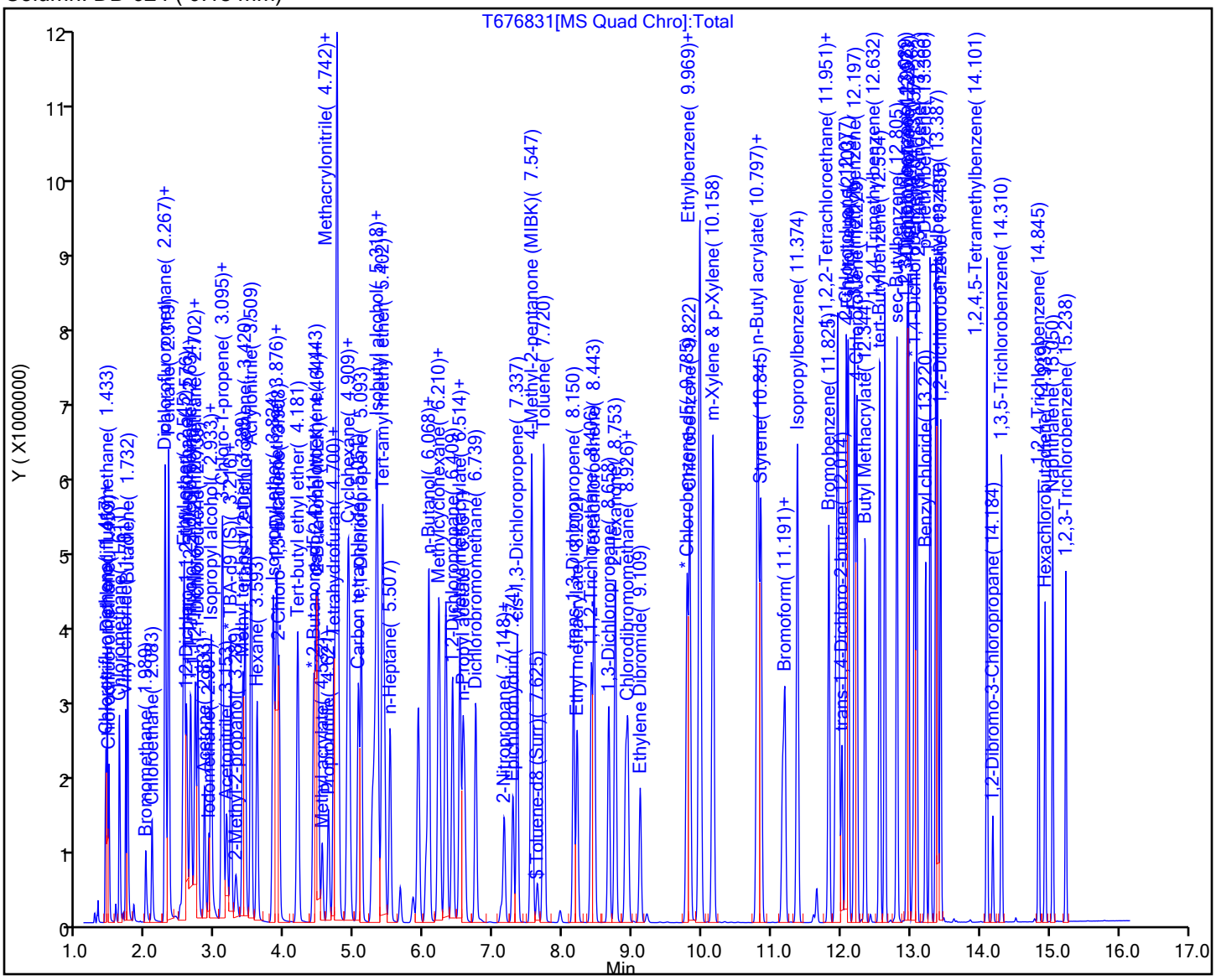
Client ID:

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

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

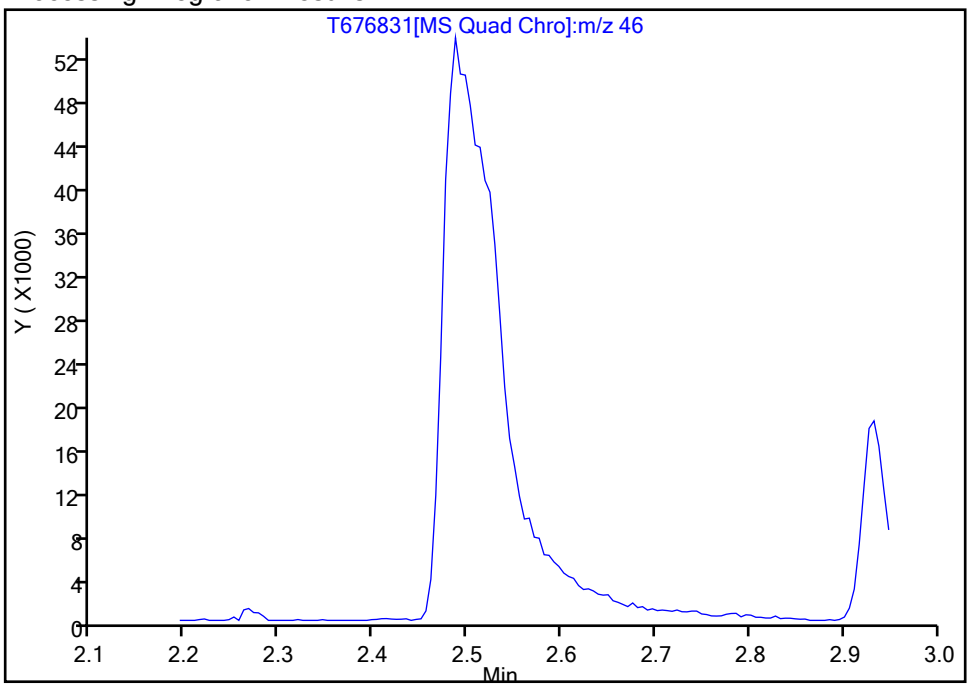
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

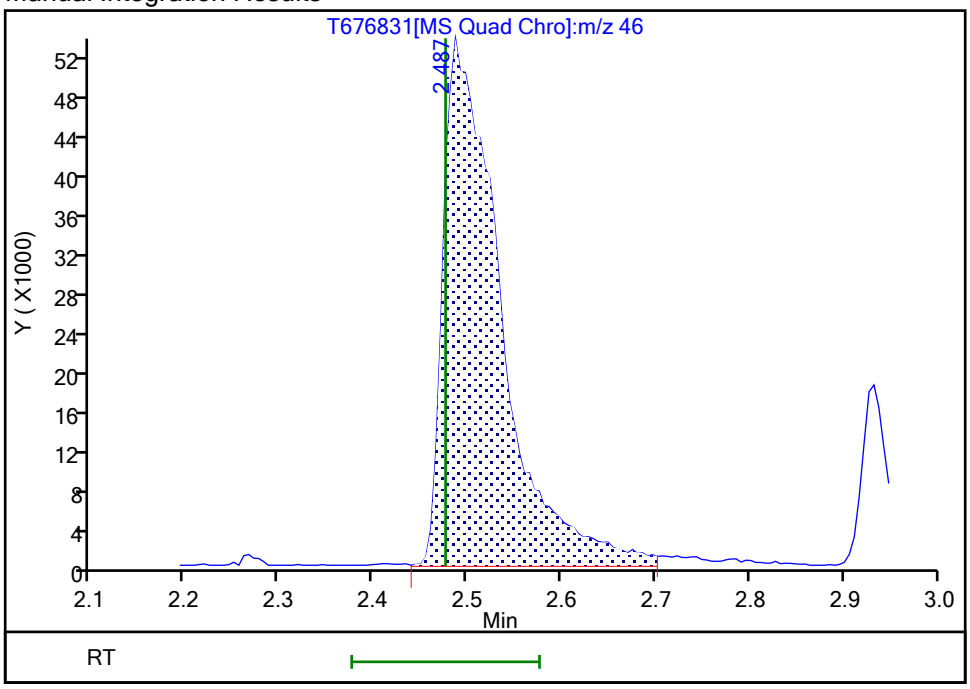
Not Detected
Expected RT: 2.48

Processing Integration Results



Manual Integration Results

RT: 2.49
Area: 228545
Amount: 18241
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:06:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

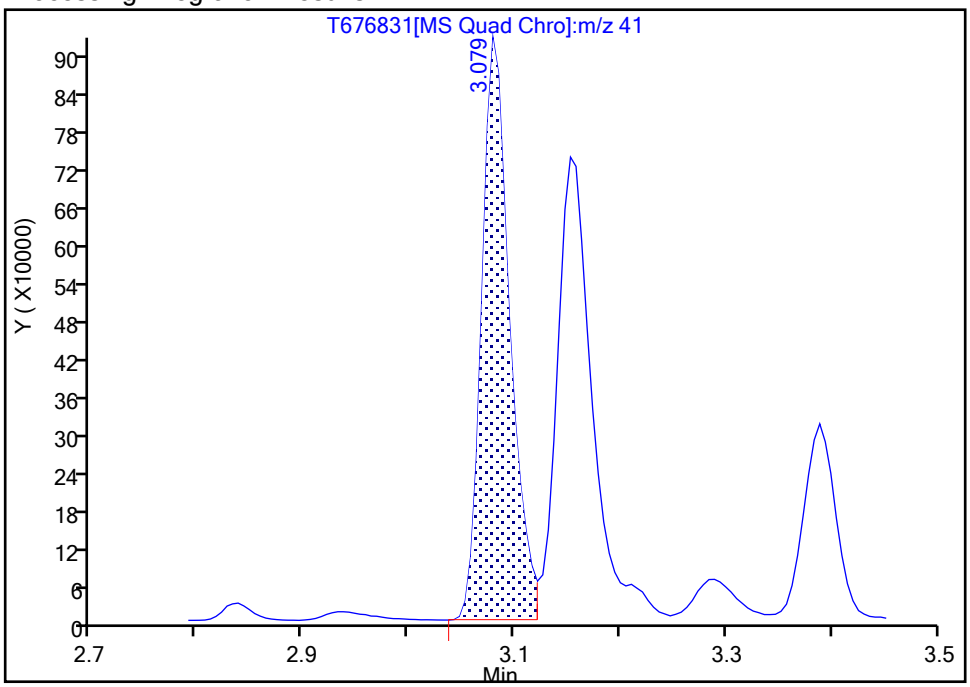
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

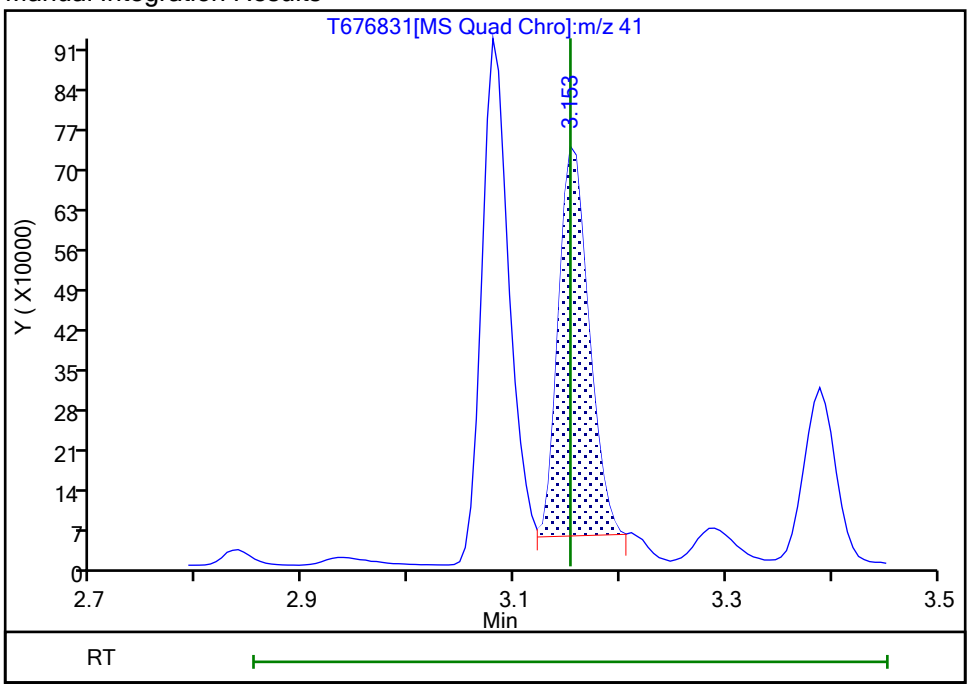
Processing Integration Results

RT: 3.08
Area: 1711702
Amount: 5377.7403
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 1365521
Amount: 4439.4035
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:56:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison

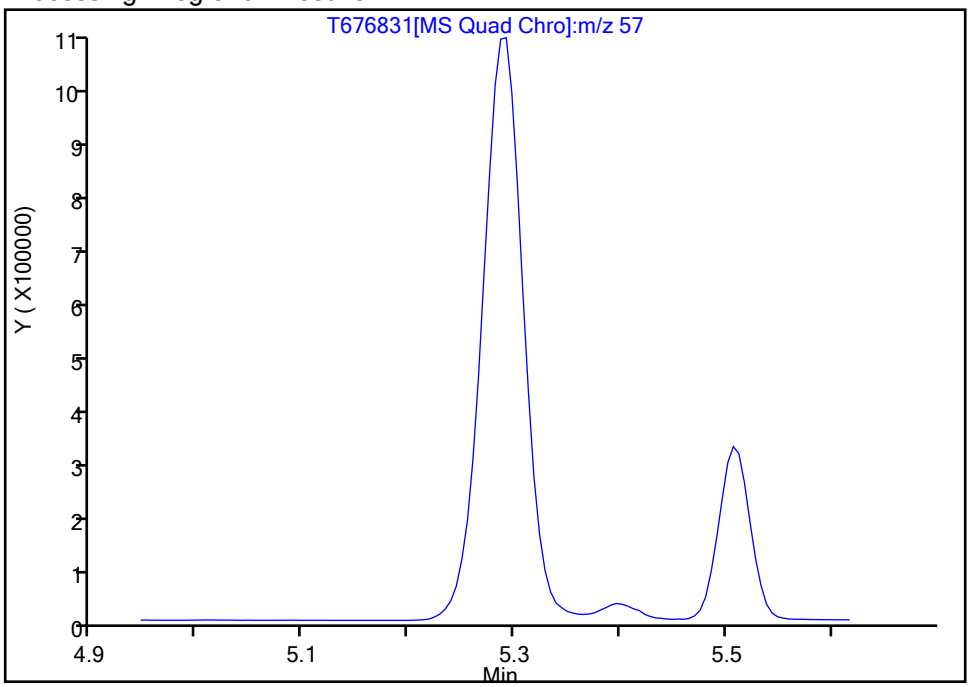
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

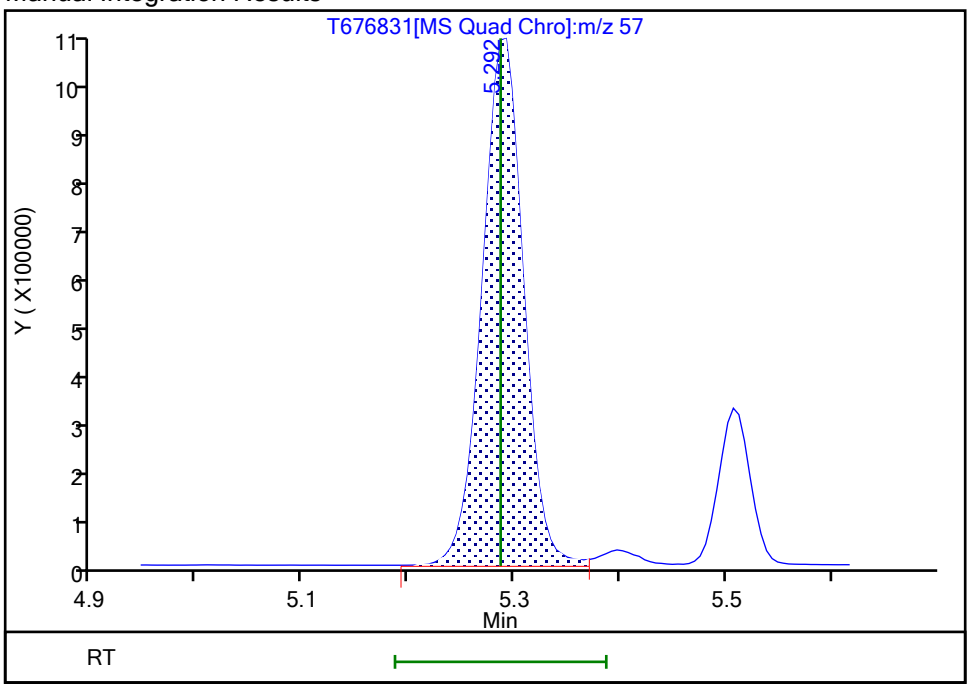
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 2889313
Amount: 438.2778
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:07:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

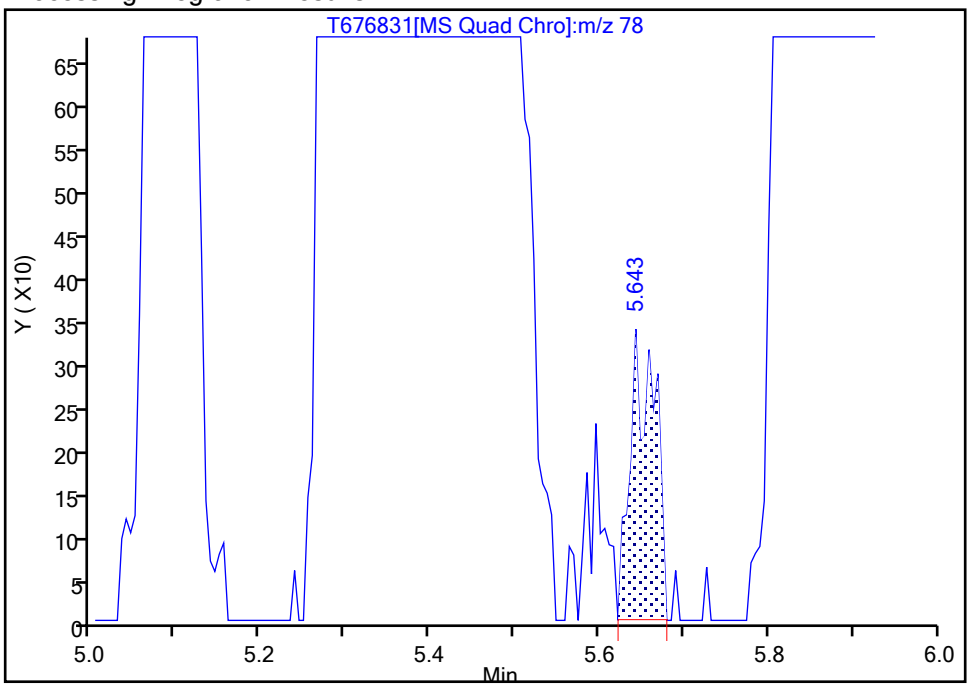
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

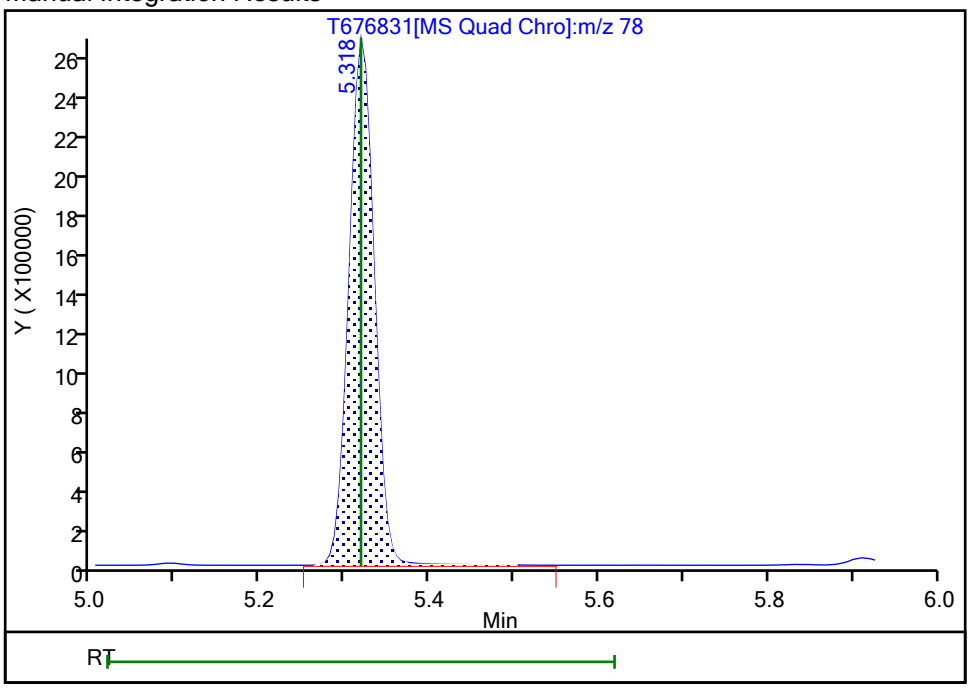
Processing Integration Results

RT: 5.64
Area: 683
Amount: 0.029083
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 5404774
Amount: 438.5534
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:07:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

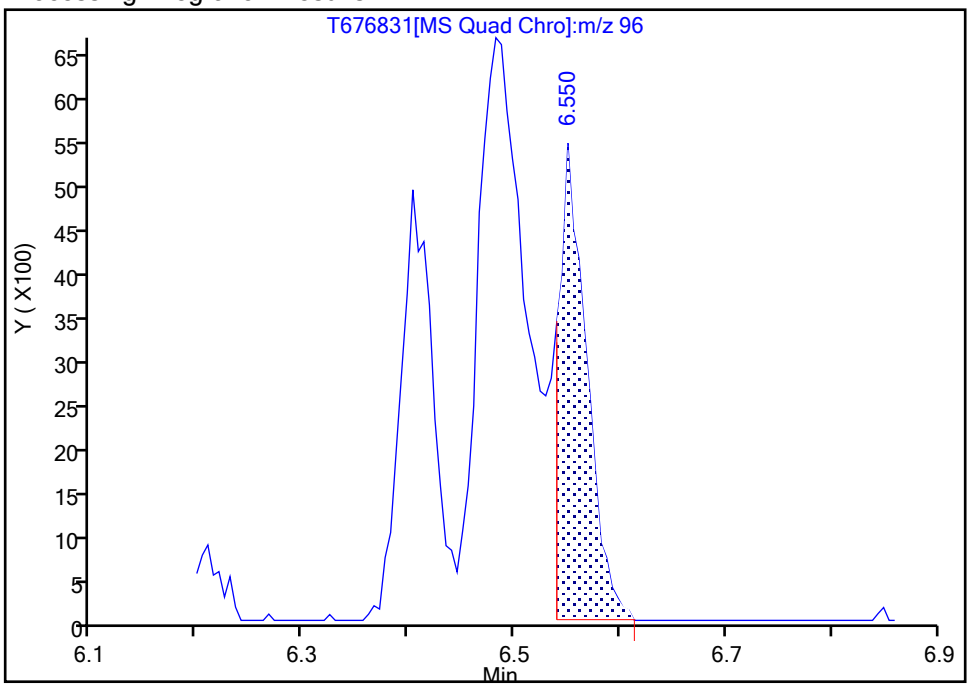
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

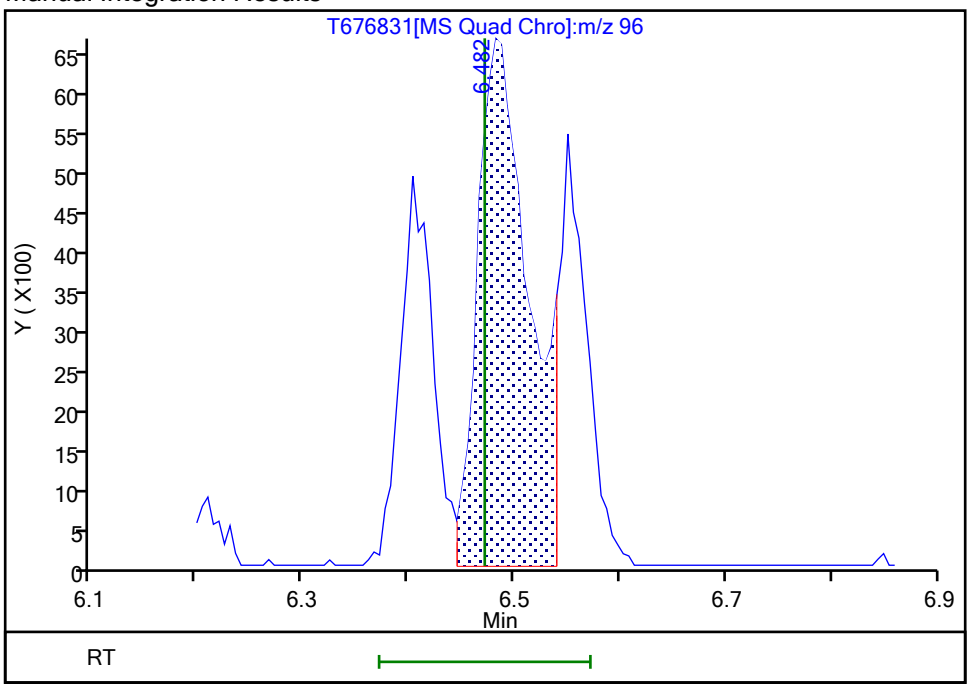
Processing Integration Results

RT: 6.55
Area: 9955
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.48
Area: 22885
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:56:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison

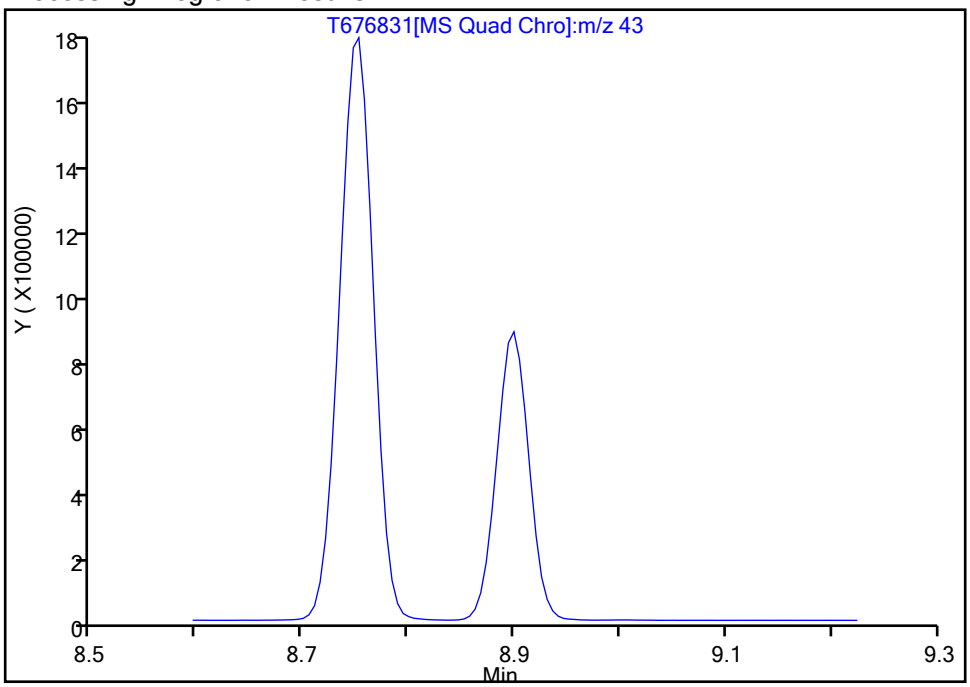
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

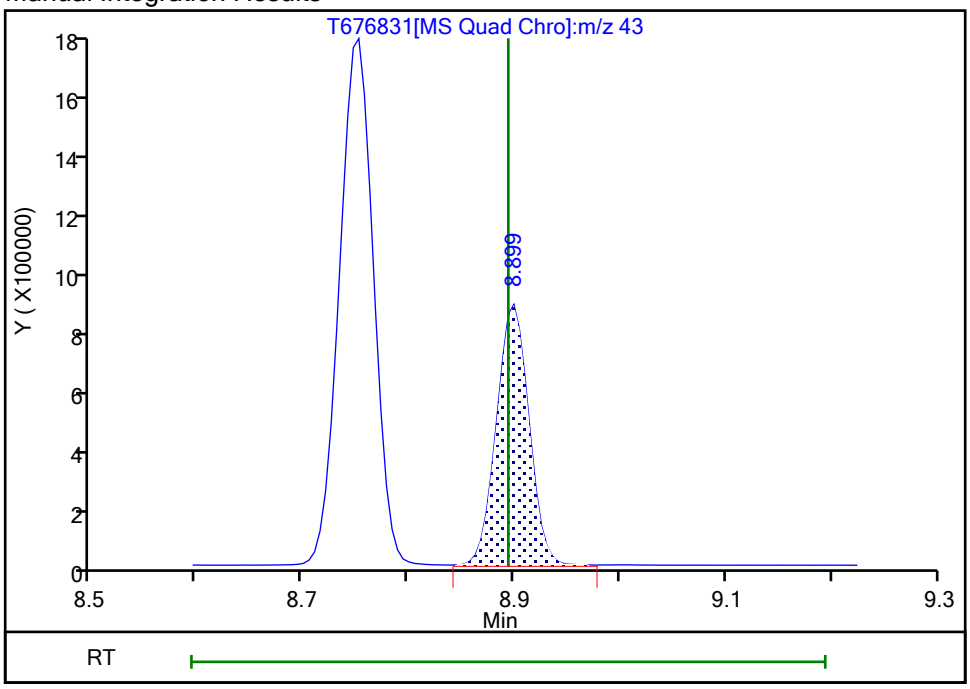
Not Detected
Expected RT: 8.89

Processing Integration Results



Manual Integration Results

RT: 8.90
Area: 1824007
Amount: 425.6441
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:07:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

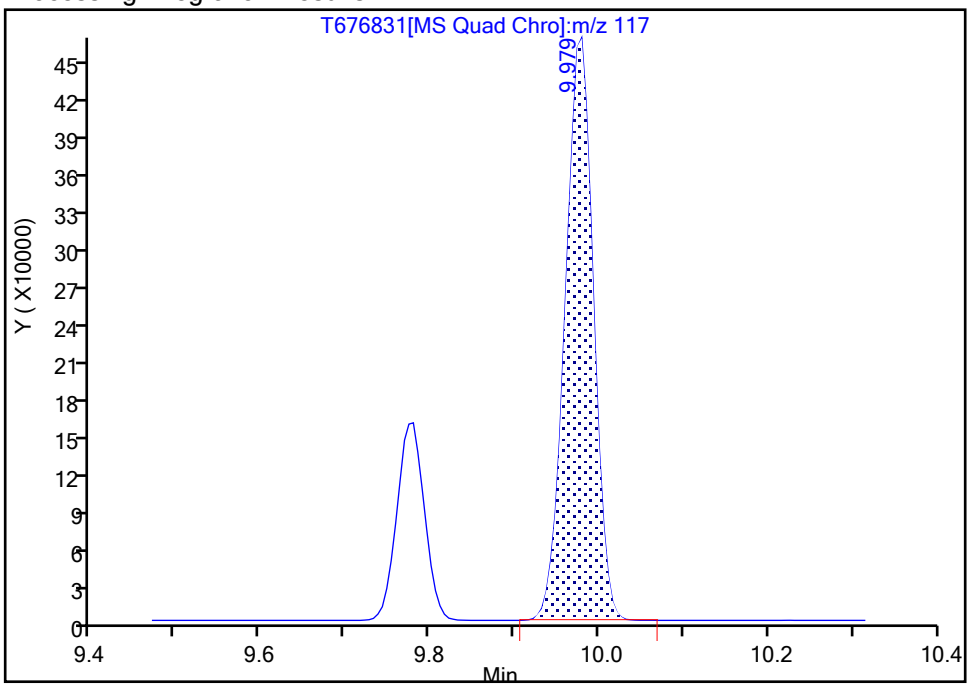
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676831.D
Injection Date: 21-Apr-2024 12:35:55 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

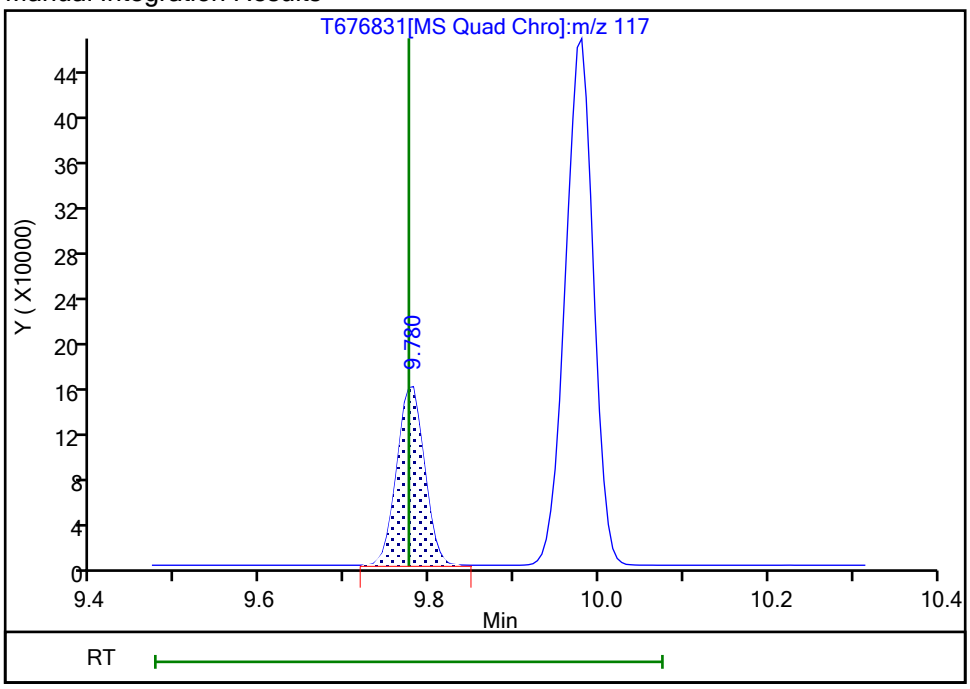
Processing Integration Results

RT: 9.98
Area: 1062399
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.78
Area: 353969
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:08:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Apr-2024 15:59:15 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0174952-018
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:49 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: FK2C Date: 22-Apr-2024 11:44:50

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.302	1.302	0.000	0	124	0.5000	0.8042	Ma
3	Chlorotrifluoroethene	116	1.407	1.407	0.000	6	349	0.5000	0.4446	a
2	1,1-Difluoroethane	65	1.417	1.417	0.000	70	1052	0.5000	0.5671	
4	Dichlorodifluoromethane	85	1.438	1.438	0.000	77	2181	0.5000	0.4574	
5	Chlorodifluoromethane	67	1.459	1.459	0.000	66	398	0.5000	0.5855	
6	Chloromethane	50	1.611	1.611	0.000	80	2771	0.5000	0.5689	
7	Vinyl chloride	62	1.706	1.706	0.000	73	2352	0.5000	0.5276	
8	Butadiene	54	1.727	1.732	-0.005	84	1986	0.5000	0.5635	
9	Bromomethane	94	2.005	1.999	0.006	79	921	0.5000	0.5706	
10	Chloroethane	64	2.089	2.088	0.001	74	1499	0.5000	0.5079	
11	Dichlorofluoromethane	67	2.267	2.267	0.000	90	3953	0.5000	0.5062	
12	Trichlorofluoromethane	101	2.283	2.277	0.006	84	2773	0.5000	0.4635	
13	Pentane	72	2.330	2.324	0.006	93	844	1.00	1.28	M
14	Ethanol	46	2.492	2.476	0.016	62	467	20.0	25.4	a
15	Ethyl ether	59	2.529	2.529	0.000	88	3281	0.5000	0.4897	
17	2-Methyl-1,3-butadiene	53	2.539	2.550	-0.011	83	1452	0.5000	0.4936	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.566	2.576	-0.010	69	1321	0.5000	0.4331	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	60	2633	0.5000	0.5066	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.707	-0.005	54	1609	0.5000	0.4743	
19	Acrolein	56	2.702	2.707	-0.005	72	1883	2.00	2.63	
20	1,1-Dichloroethene	96	2.739	2.739	0.000	88	1876	0.5000	0.5222	
22	Acetone	43	2.838	2.833	0.005	75	3610	2.50	3.29	
23	Iodomethane	142	2.896	2.901	-0.005	75	1669	0.5000	0.4504	
25	Isopropyl alcohol	45	2.922	2.927	-0.005	33	1338	5.00	6.03	
24	Carbon disulfide	76	2.933	2.933	0.000	97	6703	0.5000	0.5325	
27	3-Chloro-1-propene	76	3.090	3.079	0.011	69	1311	0.5000	0.5583	
28	Methyl acetate	43	3.095	3.095	0.000	92	2794	1.00	1.10	
29	Cyclopentene	67	3.106	3.100	0.006	78	3452	0.5000	0.4807	a
26	Acetonitrile	41	3.153	3.153	0.000	94	2083	5.00	4.78	a
* 31	TBA-d9 (IS)	66	3.195	3.200	-0.005	96	43259	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	27	2516	0.5000	0.5765	
32 2-Methyl-2-propanol	59	3.273	3.273	0.000	50	1820	5.00	5.55	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	92	4302	0.5000	0.4483	
34 trans-1,2-Dichloroethene	96	3.415	3.420	-0.005	62	2443	0.5000	0.5828	
33 Acrylonitrile	53	3.499	3.499	0.000	98	7088	5.00	5.23	
36 Hexane	57	3.593	3.593	0.000	84	3315	0.5000	0.6914	
40 Isopropyl ether	45	3.824	3.824	0.000	91	5226	0.5000	0.4750	
37 1,1-Dichloroethane	63	3.855	3.861	-0.006	84	3507	0.5000	0.5147	
38 Vinyl acetate	86	3.882	3.882	0.000	97	637	1.00	0.8459	M
39 2-Chloro-1,3-butadiene	88	3.903	3.908	-0.005	62	1746	0.5000	0.5130	
41 Tert-butyl ethyl ether	59	4.181	4.175	0.006	82	4710	0.5000	0.4663	
* 42 2-Butanone-d5	46	4.396	4.395	0.001	64	320884	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	39	822	0.5000	0.5522	a
43 cis-1,2-Dichloroethene	96	4.437	4.443	-0.006	35	2403	0.5000	0.5260	a
45 2-Butanone (MEK)	72	4.464	4.458	0.006	94	1112	2.50	2.53	M
47 Ethyl acetate	70	4.474	4.474	0.000	81	331	1.00	0.8355	
48 Methyl acrylate	55	4.537	4.527	0.010	60	1945	0.5000	0.5998	M
46 Propionitrile	54	4.610	4.610	0.000	85	2746	5.00	5.39	
51 Tetrahydrofuran	72	4.689	4.689	0.000	59	457	1.00	0.9892	M
49 Chlorobromomethane	128	4.689	4.694	-0.005	82	1045	0.5000	0.4907	M
50 Methacrylonitrile	67	4.726	4.726	0.000	87	7656	5.00	5.29	
52 Chloroform	83	4.757	4.757	0.000	85	3507	0.5000	0.5261	
55 Cyclohexane	84	4.899	4.899	0.000	72	2749	0.5000	0.5372	
54 1,1,1-Trichloroethane	97	4.915	4.915	0.001	23	3073	0.5000	0.5257	
$ 53 Dibromofluoromethane (Surr)	113	4.936	4.935	0.001	96	162185	50.0	51.8	
56 Carbon tetrachloride	117	5.056	5.051	0.005	80	2716	0.5000	0.4980	
57 1,1-Dichloropropene	75	5.098	5.093	0.005	71	2780	0.5000	0.5121	M
59 Isobutyl alcohol	43	5.266	5.240	0.026	51	2465	12.5	11.5	Ma
62 Isooctane	57	5.282	5.287	-0.005	86	3751	0.5000	0.4738	a
60 Benzene	78	5.318	5.318	0.000	45	7083	0.5000	0.4745	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	98	160808	50.0	51.8	
63 Isopropyl acetate	61	5.392	5.397	-0.005	92	1171	0.5000	0.6052	
64 Tert-amyl methyl ether	73	5.392	5.397	-0.005	70	4489	0.5000	0.4650	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	80	2671	0.5000	0.5821	
66 n-Heptane	43	5.497	5.507	-0.010	82	1495	0.5000	0.4532	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	548431	50.0	50.0	
68 n-Butanol	56	6.037	6.021	0.016	67	1371	12.5	14.7	
67 Trichloroethene	95	6.073	6.068	0.005	75	2090	0.5000	0.4896	M
70 Methylcyclohexane	83	6.210	6.204	0.006	73	2525	0.5000	0.4849	M
69 Ethyl acrylate	55	6.220	6.215	0.005	74	3995	0.5000	0.4896	a
71 1,2-Dichloropropane	63	6.409	6.409	0.000	69	2230	0.5000	0.5429	a
* 73 1,4-Dioxane-d8	96	6.472	6.472	0.000	1	36382	1000.0	1000.0	
75 Methyl methacrylate	100	6.508	6.508	0.000	60	1011	1.00	1.06	
74 1,4-Dioxane	88	6.529	6.535	-0.006	55	1202	25.0	29.7	
72 Dibromomethane	93	6.550	6.550	0.000	73	1416	0.5000	0.5363	
76 n-Propyl acetate	43	6.582	6.577	0.005	88	2473	0.5000	0.5329	
77 Dichlorobromomethane	83	6.744	6.739	0.005	71	2580	0.5000	0.4870	
78 2-Nitropropane	41	7.143	7.138	0.005	64	1432	1.00	0.99	
79 2-Chloroethyl vinyl ether	106	7.153	7.148	0.005	12	0	0.5012	0	a
80 Epichlorohydrin	57	7.274	7.269	0.005	80	2816	10.0	9.37	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	71	3471	0.5000	0.5210	
82 4-Methyl-2-pentanone (MIBK)	43	7.536	7.541	-0.005	93	7082	2.50	2.33	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	548412	50.0	51.1	
84 Toluene	91	7.714	7.720	-0.006	88	8728	0.5000	0.5350	
85 trans-1,3-Dichloropropene	75	8.150	8.150	0.000	64	2992	0.5000	0.5079	
86 Ethyl methacrylate	69	8.197	8.197	0.000	49	2265	0.5000	0.4903	M
87 1,1,2-Trichloroethane	83	8.406	8.401	0.005	65	1576	0.5000	0.5175	
88 Tetrachloroethene	166	8.448	8.443	0.005	63	2117	0.5000	0.4777	a
89 1,3-Dichloropropane	76	8.648	8.653	-0.005	69	2850	0.5000	0.4851	
90 2-Hexanone	43	8.747	8.747	0.000	92	6055	2.50	2.71	
93 n-Butyl acetate	43	8.905	8.894	0.011	80	3235	0.5000	0.6232	
91 Chlorodibromomethane	129	8.915	8.925	-0.010	52	2070	0.5000	0.4760	
92 Ethylene Dibromide	107	9.104	9.104	0.000	34	1910	0.5000	0.4990	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	85	428756	50.0	50.0	
95 Chlorobenzene	112	9.827	9.817	0.010	91	5645	0.5000	0.5252	a
97 Ethylbenzene	106	9.953	9.953	0.000	80	3100	0.5000	0.5446	
96 1,1,1,2-Tetrachloroethane	131	9.969	9.969	0.000	35	1982	0.5000	0.5079	
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	95	3410	0.5000	0.4970	
99 o-Xylene	106	10.787	10.792	-0.005	88	3335	0.5000	0.5082	
101 n-Butyl acrylate	73	10.808	10.808	0.000	81	1465	0.5000	0.5291	
100 Styrene	104	10.839	10.839	0.000	87	5514	0.5000	0.5175	
102 Bromoform	173	11.159	11.154	0.005	66	1627	0.5000	0.5302	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	88	2729	0.5000	0.4744	
104 Isopropylbenzene	105	11.369	11.369	0.000	83	8216	0.5000	0.5402	
$ 105 4-Bromofluorobenzene	174	11.652	11.647	0.005	94	187743	50.0	51.0	
106 Bromobenzene	156	11.825	11.820	0.005	82	2024	0.5000	0.4532	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	68	2281	0.5000	0.5070	
110 N-Propylbenzene	91	11.946	11.946	0.000	95	10110	0.5000	0.5121	
108 1,2,3-Trichloropropane	110	11.972	11.966	0.006	66	834	0.5000	0.6206	
109 trans-1,4-Dichloro-2-butene	53	12.009	12.003	0.005	41	529	0.5000	0.4490	a
111 2-Chlorotoluene	91	12.077	12.071	0.006	84	7197	0.5000	0.5310	
112 4-Ethyltoluene	105	12.103	12.098	0.005	91	7952	0.5000	0.5024	
114 1,3,5-Trimethylbenzene	105	12.192	12.187	0.005	85	7178	0.5000	0.5556	
113 4-Chlorotoluene	91	12.229	12.223	0.006	87	7782	0.5000	0.5809	
115 Butyl Methacrylate	87	12.349	12.344	0.005	76	2192	0.5000	0.4760	
116 tert-Butylbenzene	119	12.554	12.554	0.000	84	5896	0.5000	0.5342	
117 1,2,4-Trimethylbenzene	105	12.632	12.627	0.005	89	7050	0.5000	0.5391	
118 sec-Butylbenzene	105	12.805	12.800	0.005	92	8317	0.5000	0.5297	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	92	4401	0.5000	0.5710	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	81	7792	0.5000	0.5859	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	94	220712	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.057	13.052	0.005	73	4593	0.5000	0.5842	a
123 1,2,3-Trimethylbenzene	105	13.083	13.083	0.000	85	7234	0.5000	0.5543	
124 Benzyl chloride	91	13.220	13.214	0.006	91	3845	0.5000	0.4858	
125 2,3-Dihydroindene	117	13.288	13.283	0.005	85	6527	0.5000	0.5293	
127 p-Diethylbenzene	119	13.361	13.361	0.000	87	4246	0.5000	0.5600	
128 n-Butylbenzene	92	13.393	13.387	0.006	86	3961	0.5000	0.6130	
126 1,2-Dichlorobenzene	146	13.429	13.429	0.000	86	3593	0.5000	0.5300	
130 1,2,4,5-Tetramethylbenzene	119	14.101	14.100	0.000	88	6214	0.5000	0.5808	
129 1,2-Dibromo-3-Chloropropane	157	14.190	14.184	0.006	1	551	0.5000	0.5662	
131 1,3,5-Trichlorobenzene	180	14.315	14.310	0.005	66	2818	0.5000	0.6207	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	47	2612	0.5000	0.6745	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	35	2509	0.5000	1.31	
134 Naphthalene	128	15.050	15.049	0.001	95	6852	0.5000	0.4994	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.244	15.238	0.006	42	2158	0.5000	0.4833	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.11	
S 137 Xylenes, Total	100				0		1.00	1.01	
S 140 Total BTEX	1				0		2.50	2.56	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.03	

QC Flag Legend

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

Reagents:

524FREONS_00017	Amount Added:	5.00	Units: uL	
ACROLEIN W_00167	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	5.00	Units: uL	
GASES Li_00580	Amount Added:	5.00	Units: uL	
14DIOXINTER_00168	Amount Added:	15.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:50 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15

Lims ID: STD05

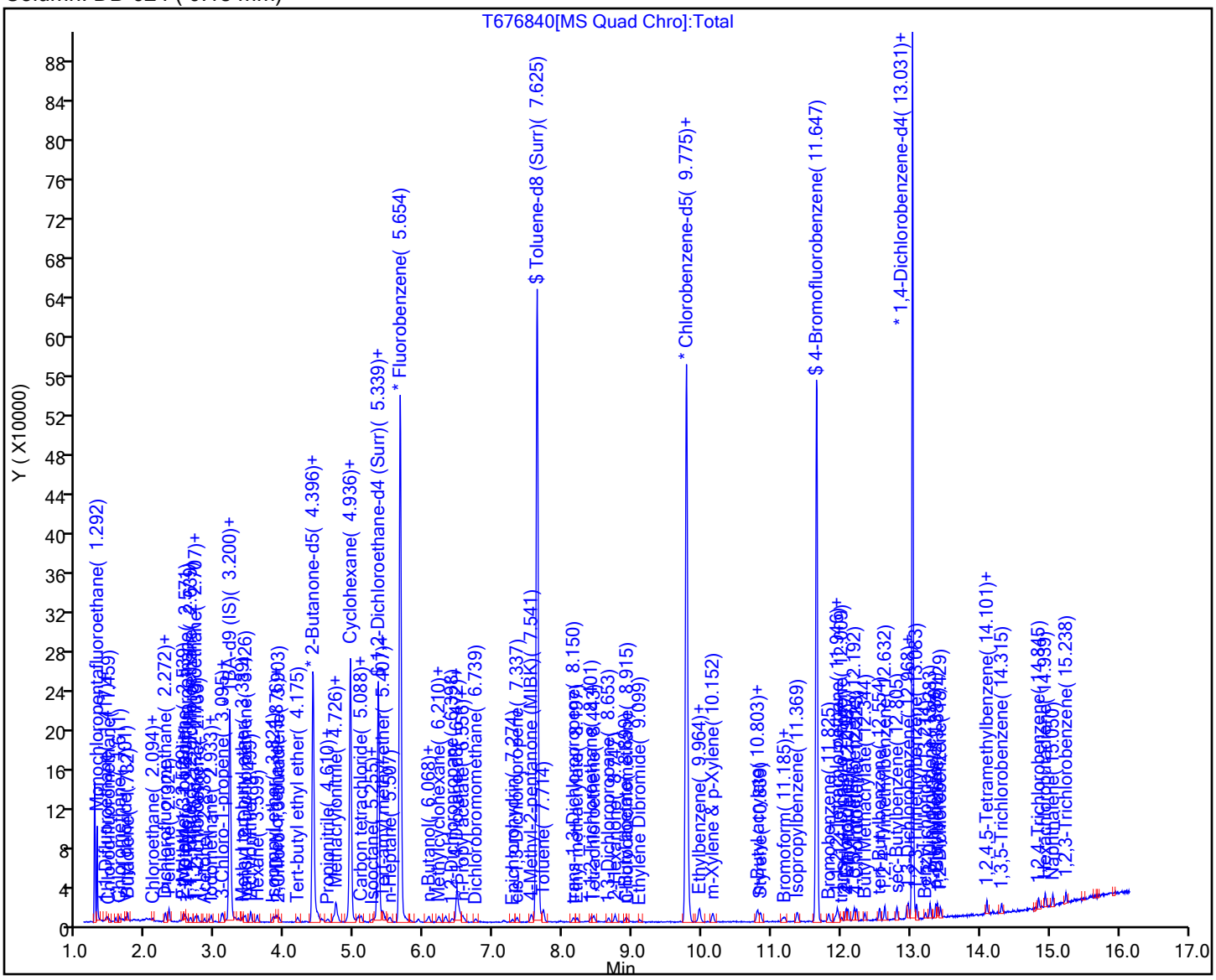
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison

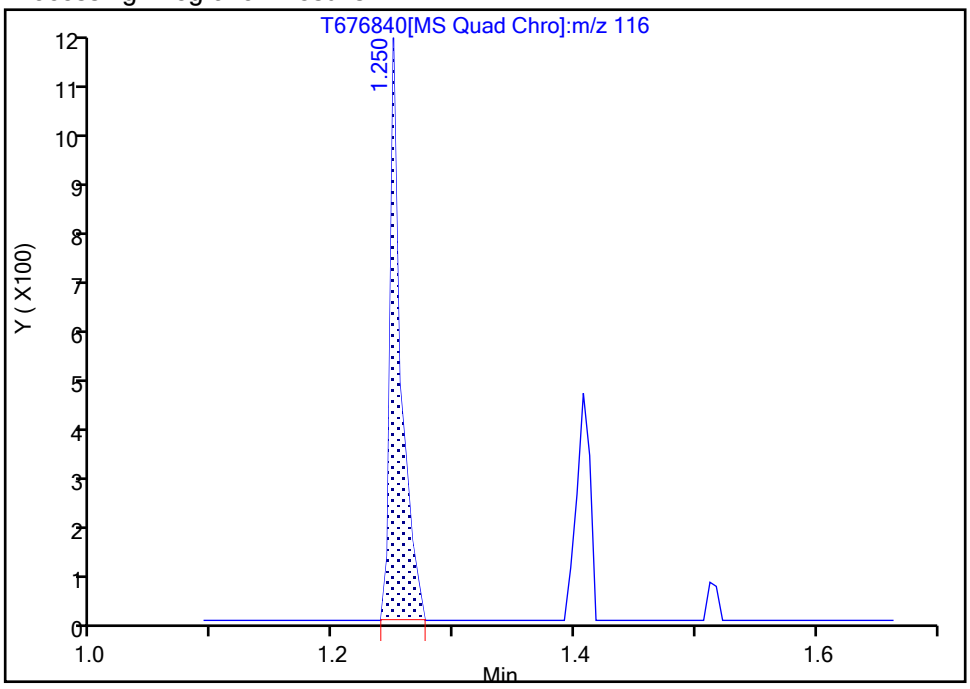
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

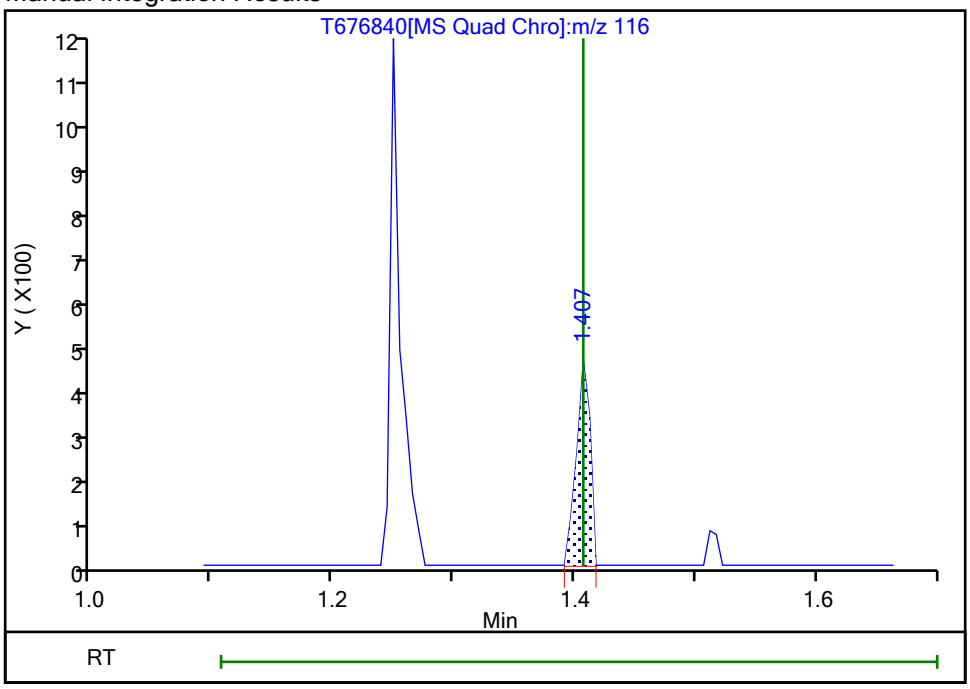
Processing Integration Results

RT: 1.25
Area: 713
Amount: 0.846621
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 349
Amount: 0.444559
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:41:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

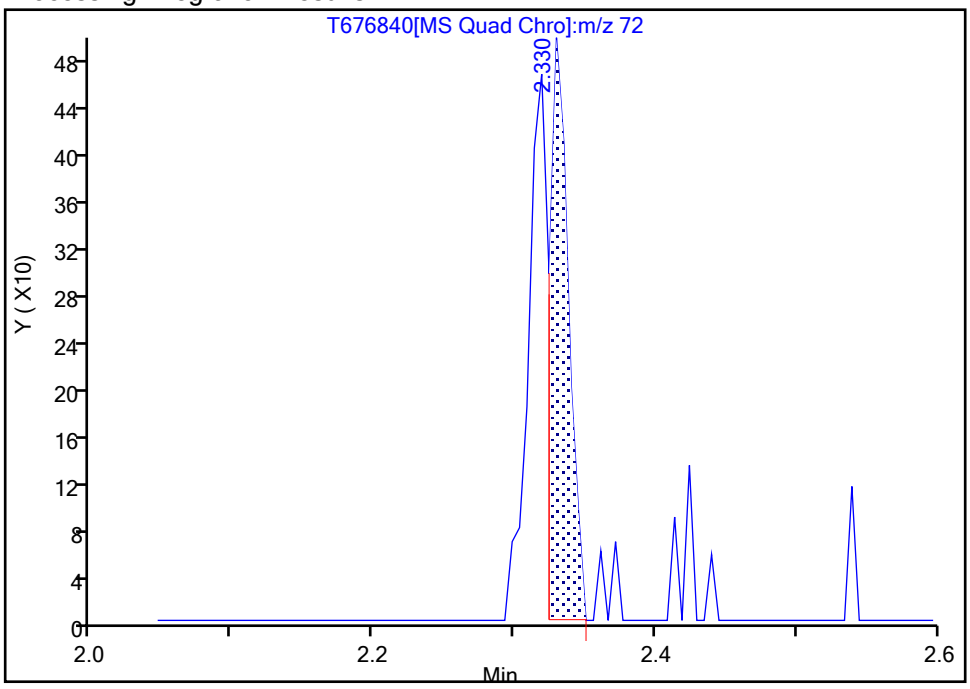
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

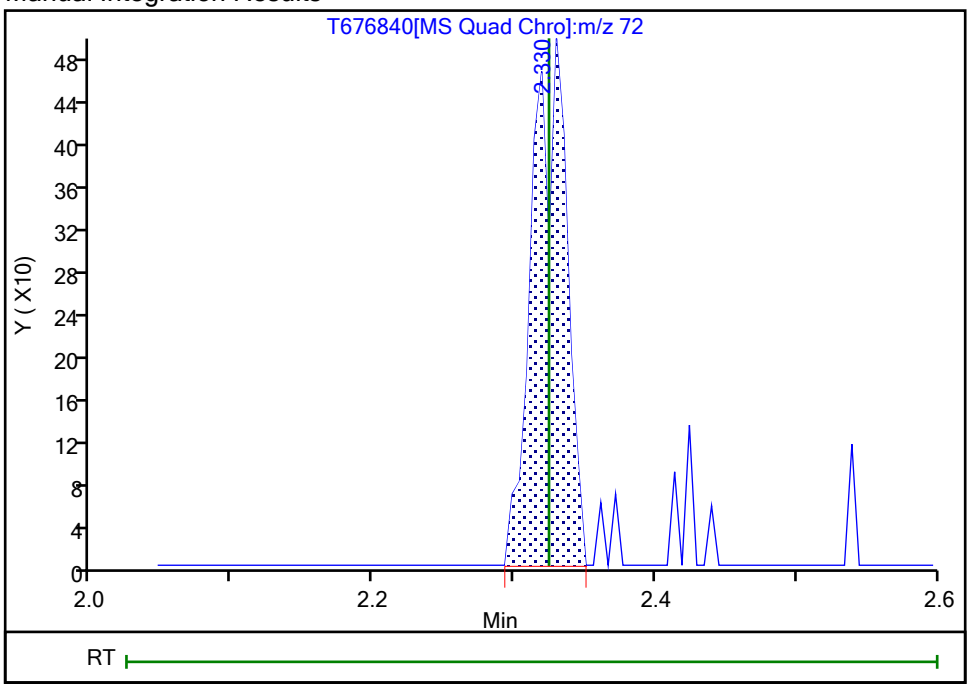
Processing Integration Results

RT: 2.33
Area: 468
Amount: 0.771482
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 844
Amount: 1.278131
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:39:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

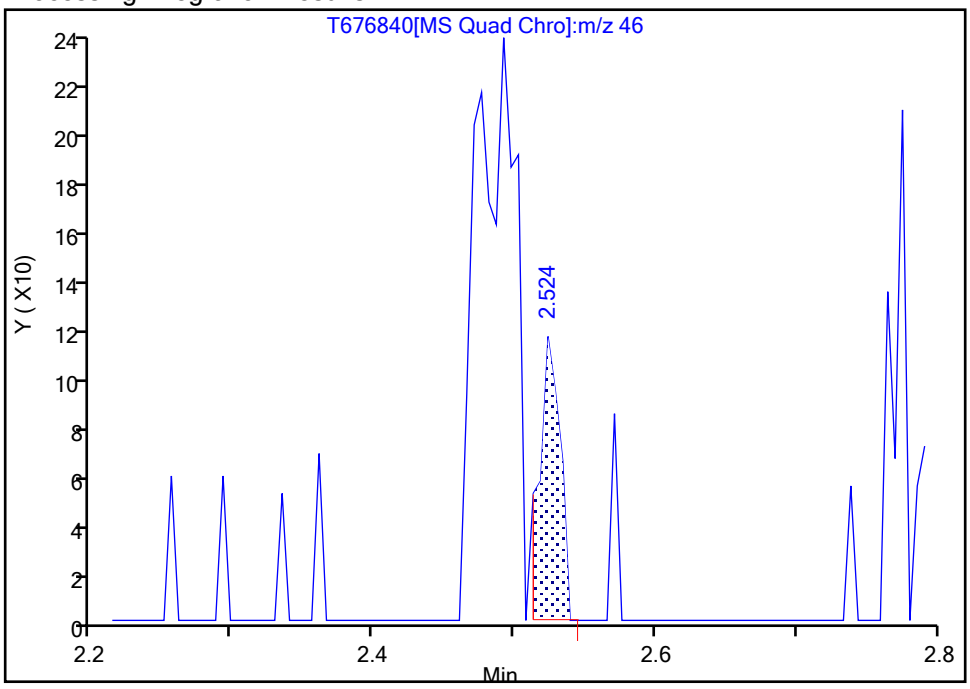
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

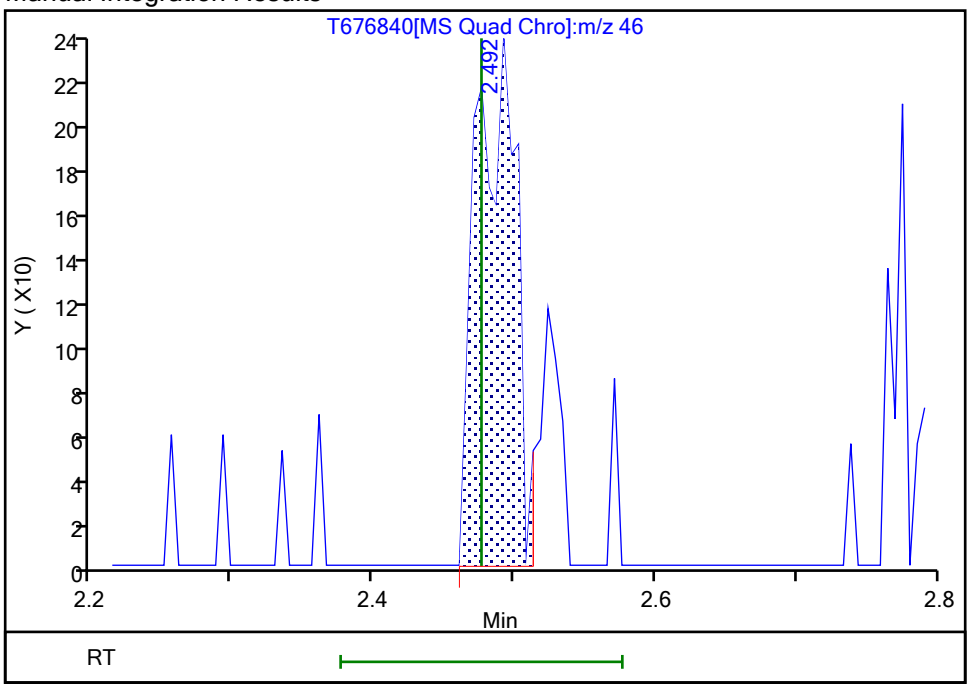
Processing Integration Results

RT: 2.52
Area: 119
Amount: 6.666606
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 467
Amount: 25.382448
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

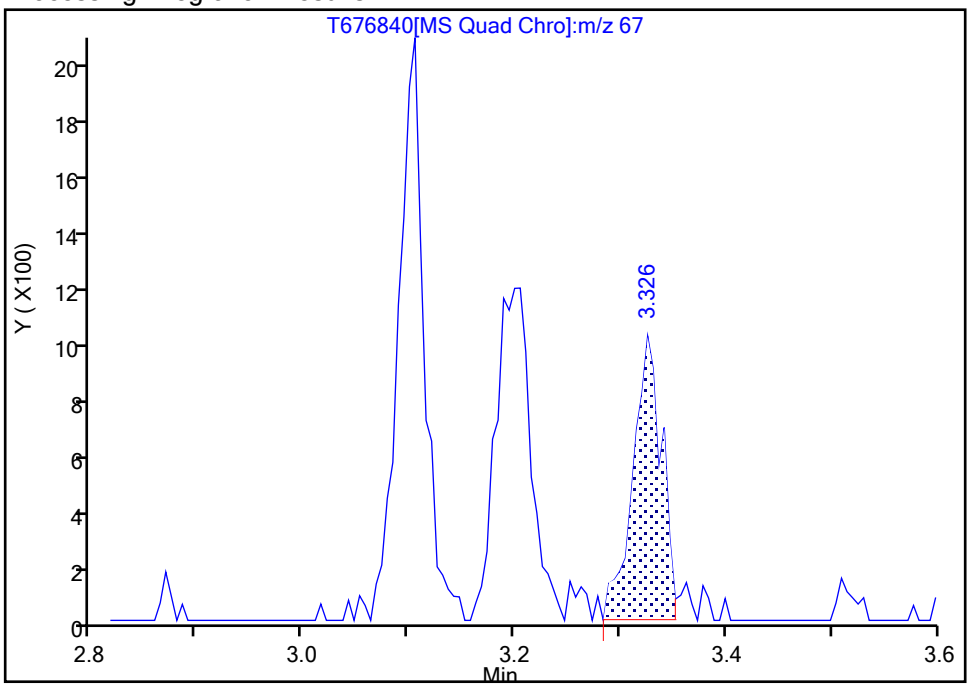
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Signal: 1

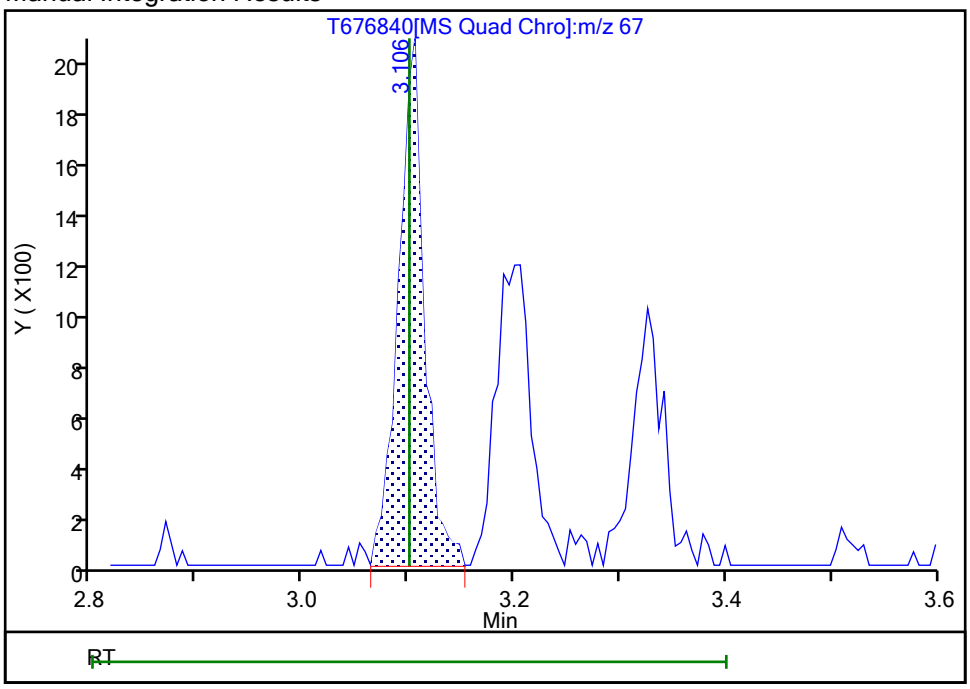
Processing Integration Results

RT: 3.33
Area: 1883
Amount: 0.262396
Amount Units: ug/l



Manual Integration Results

RT: 3.11
Area: 3452
Amount: 0.480663
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

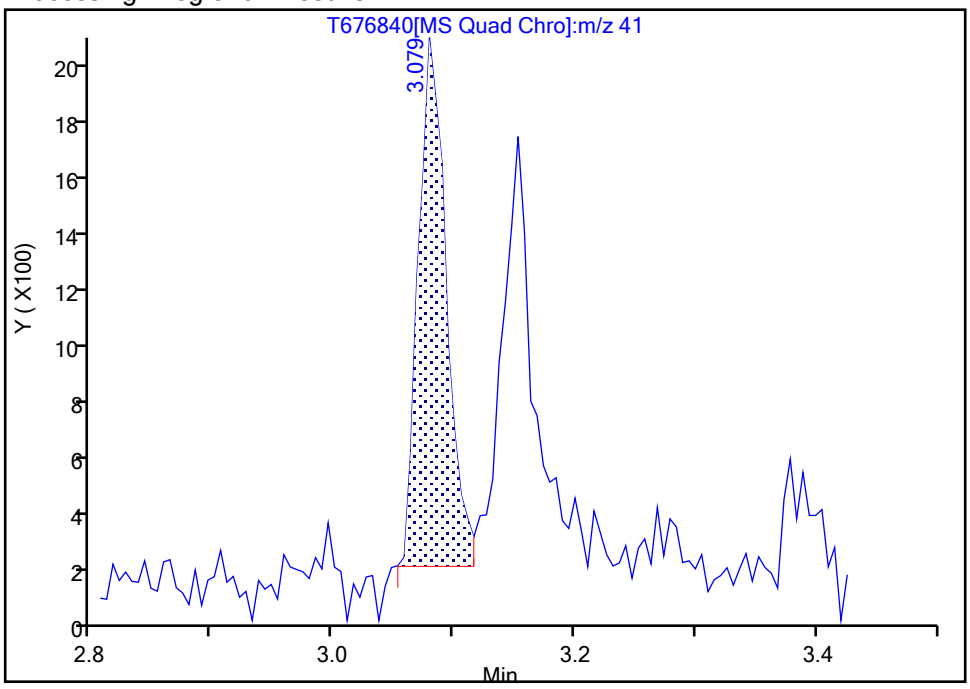
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

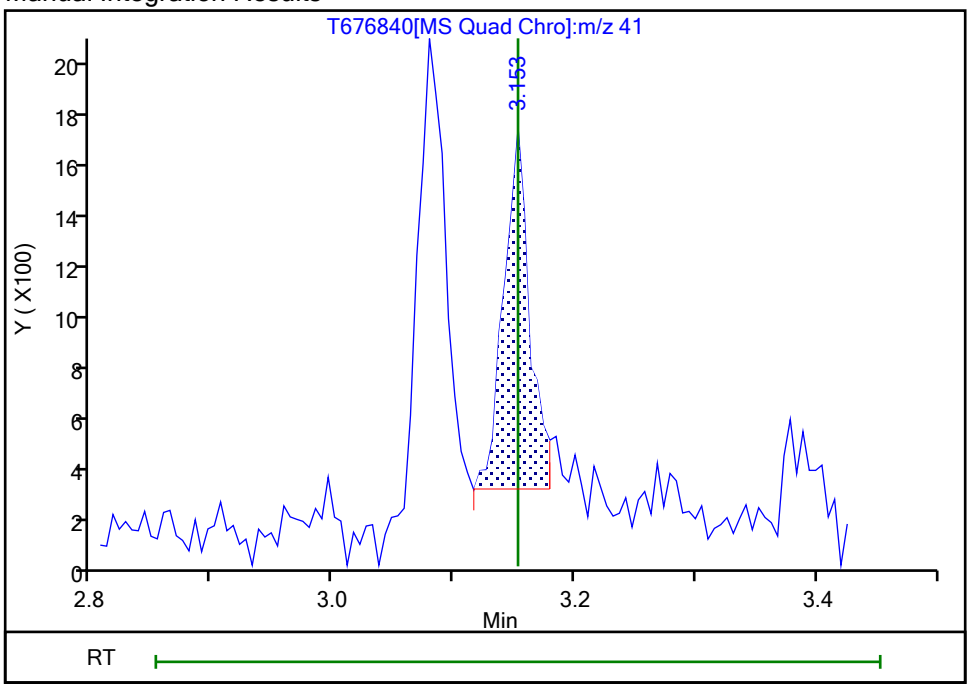
Processing Integration Results

RT: 3.08
Area: 2929
Amount: 5.498443
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 2083
Amount: 4.783356
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

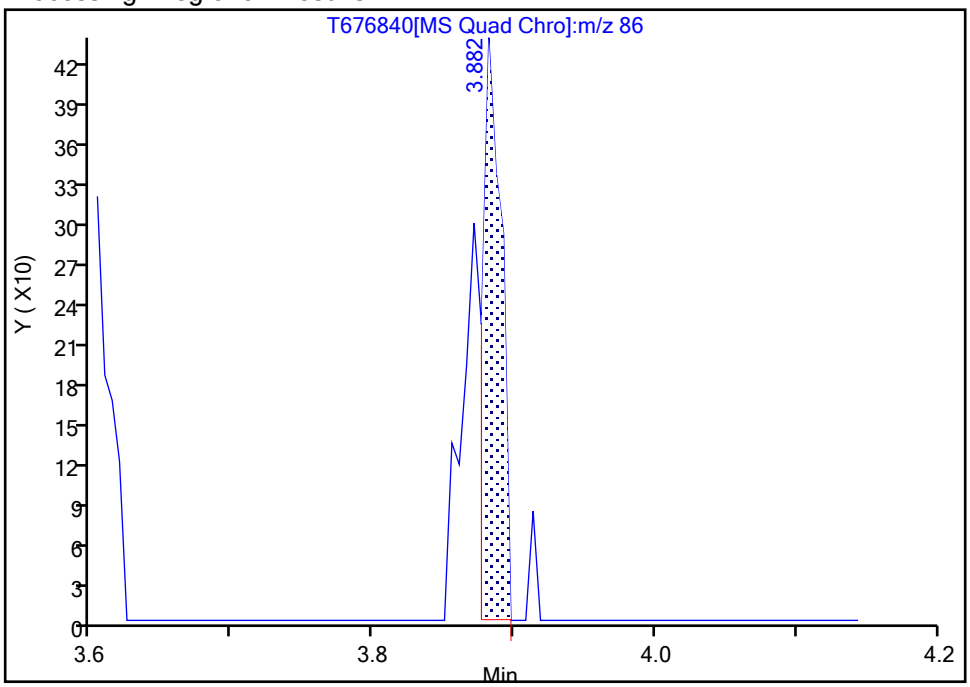
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Signal: 1

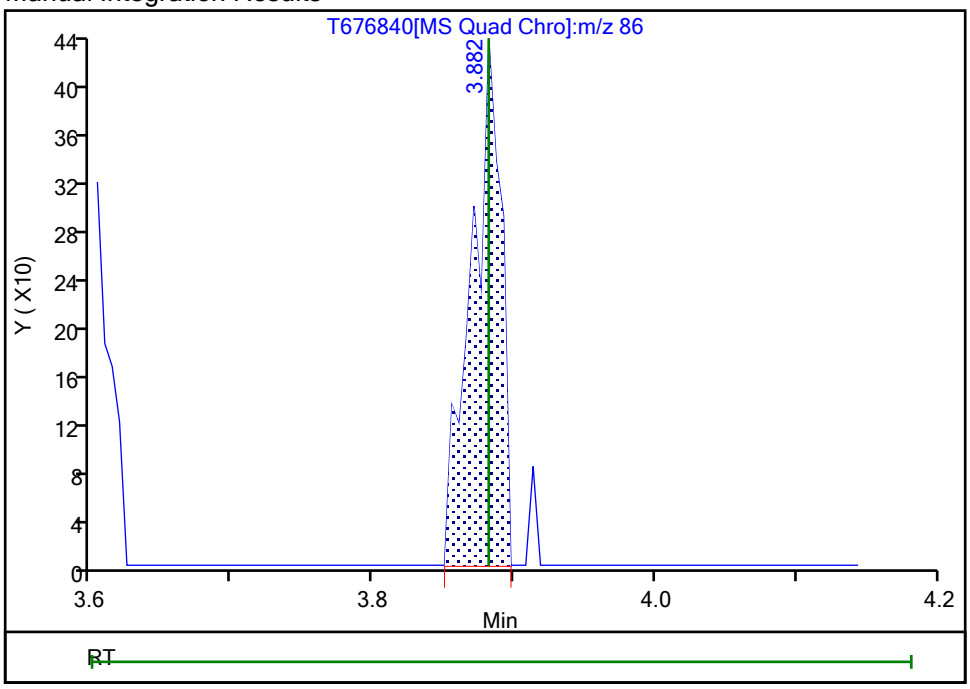
Processing Integration Results

RT: 3.88
Area: 404
Amount: 0.483493
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 637
Amount: 0.845928
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:40:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

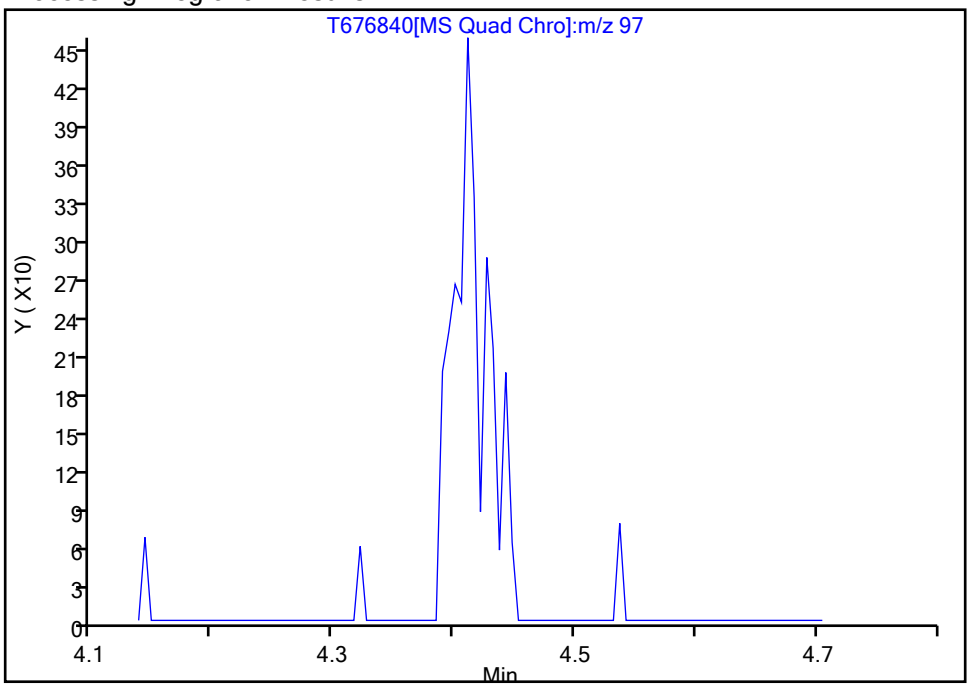
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

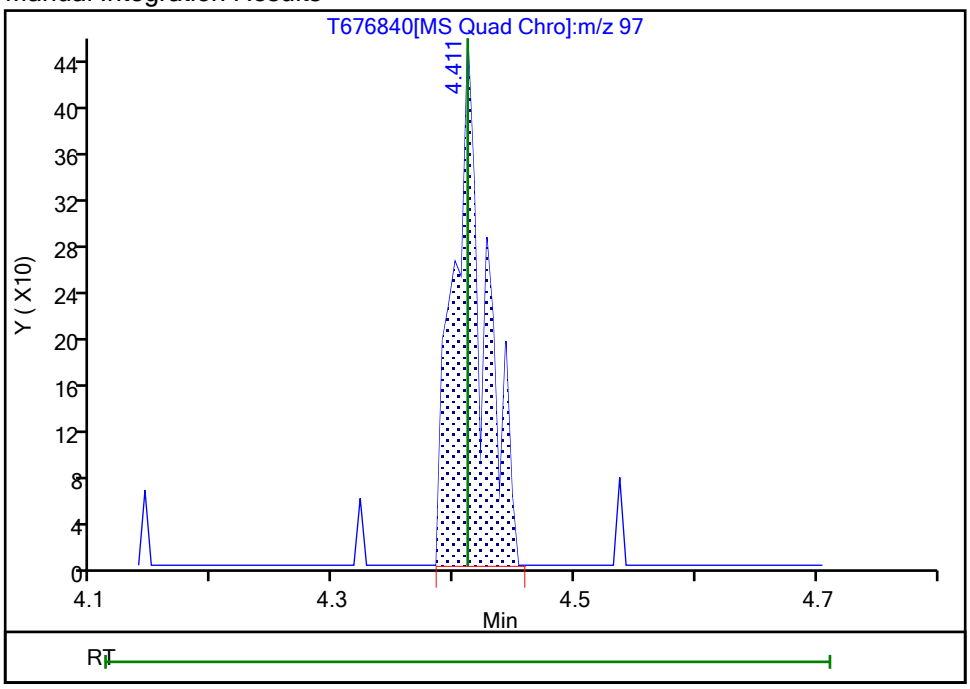
Not Detected
Expected RT: 4.41

Processing Integration Results



Manual Integration Results

RT: 4.41
Area: 822
Amount: 0.552204
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

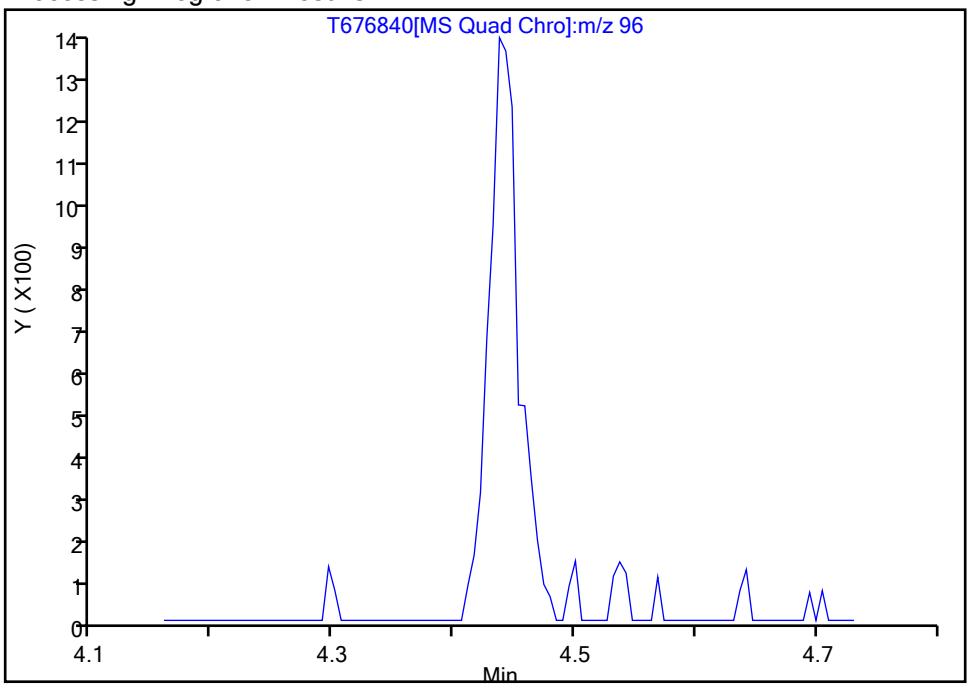
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

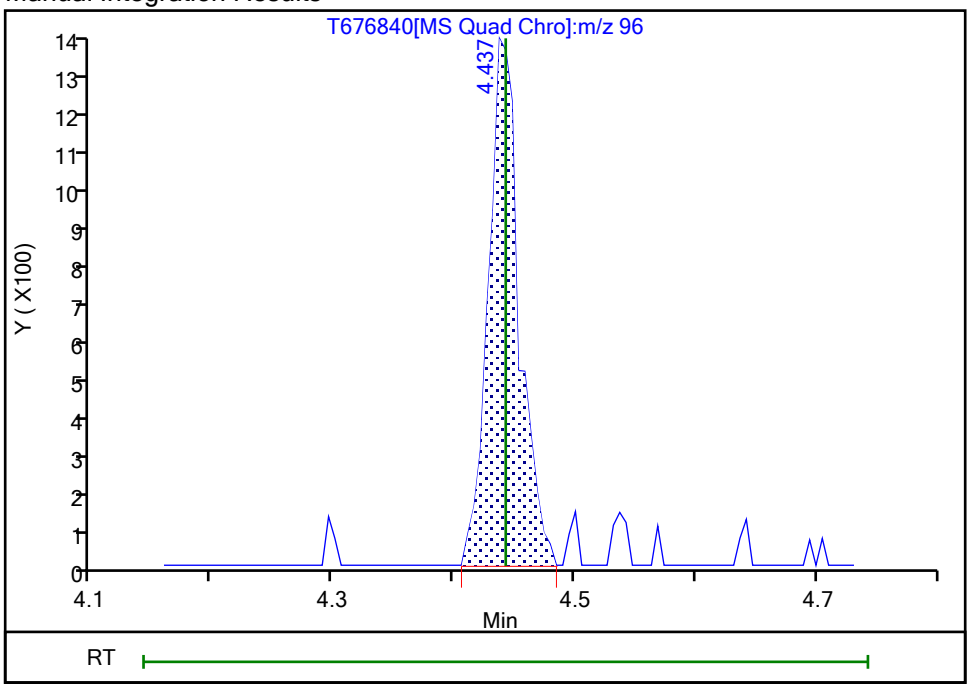
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 2403
Amount: 0.526018
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

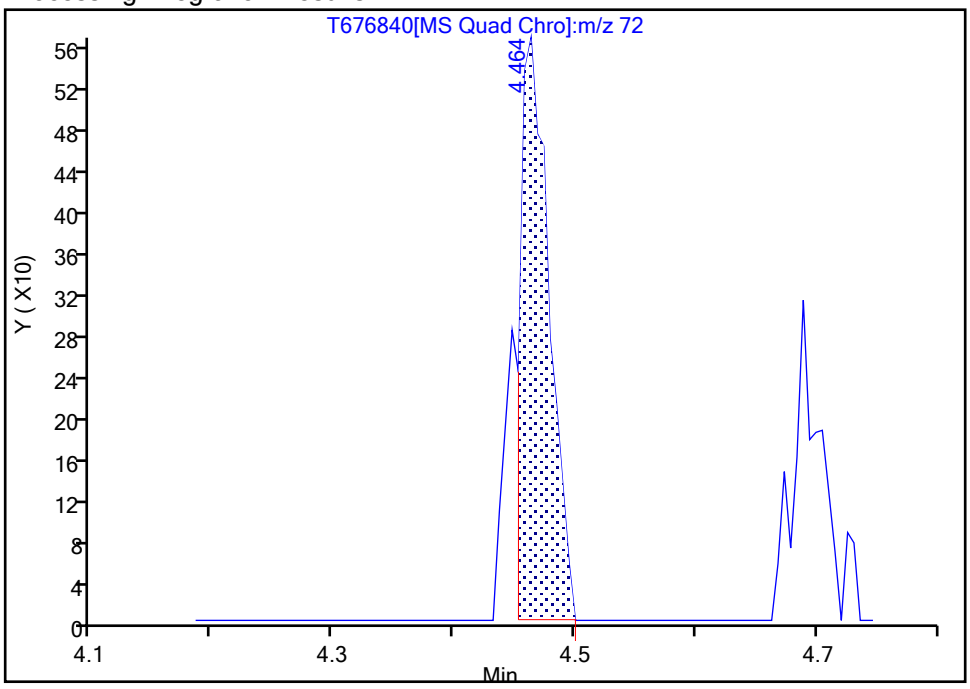
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

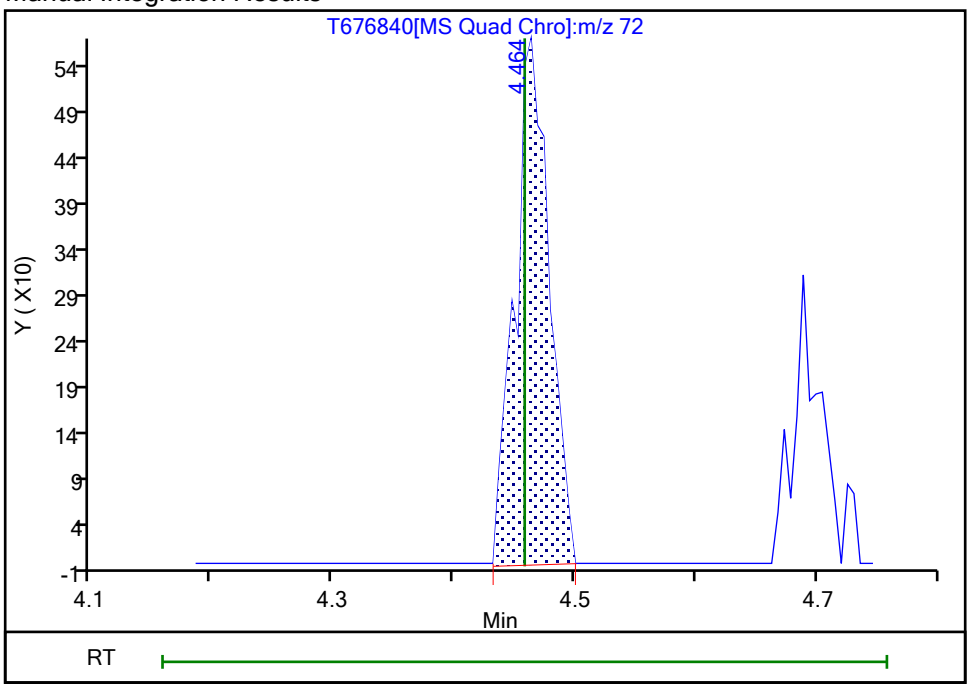
Processing Integration Results

RT: 4.46
Area: 924
Amount: 2.157119
Amount Units: ug/l



Manual Integration Results

RT: 4.46
Area: 1112
Amount: 2.532499
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:40:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

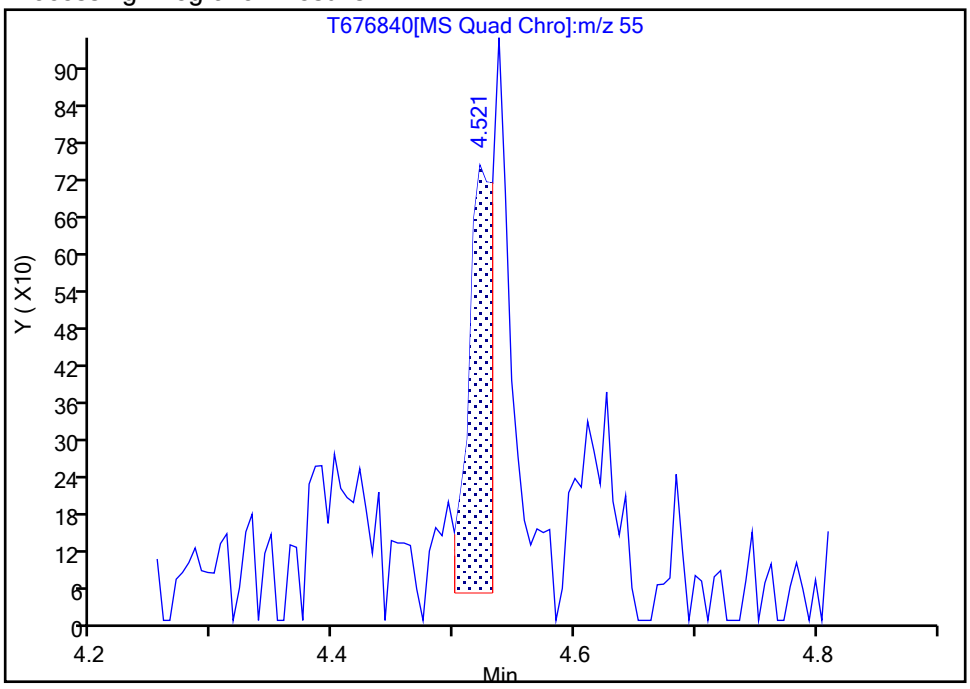
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Signal: 1

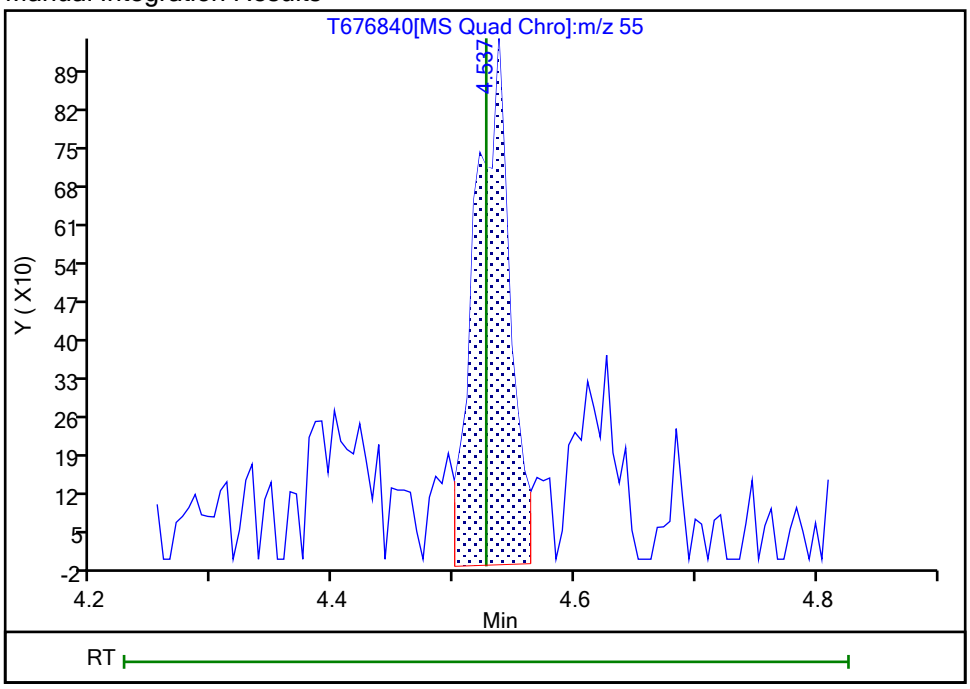
Processing Integration Results

RT: 4.52
Area: 993
Amount: 0.351355
Amount Units: ug/l



Manual Integration Results

RT: 4.54
Area: 1945
Amount: 0.599751
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

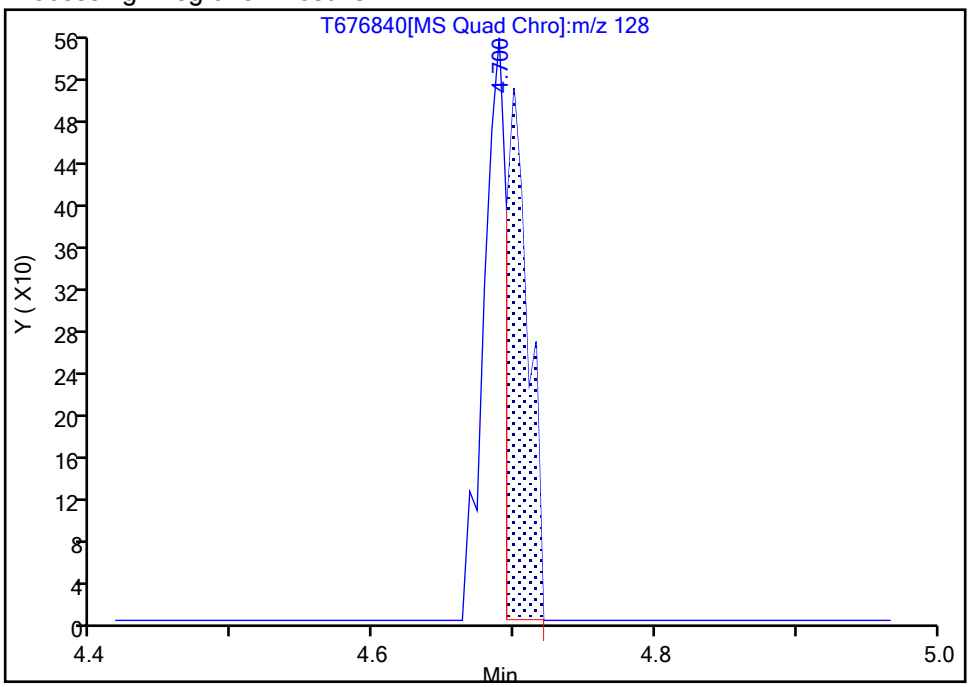
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

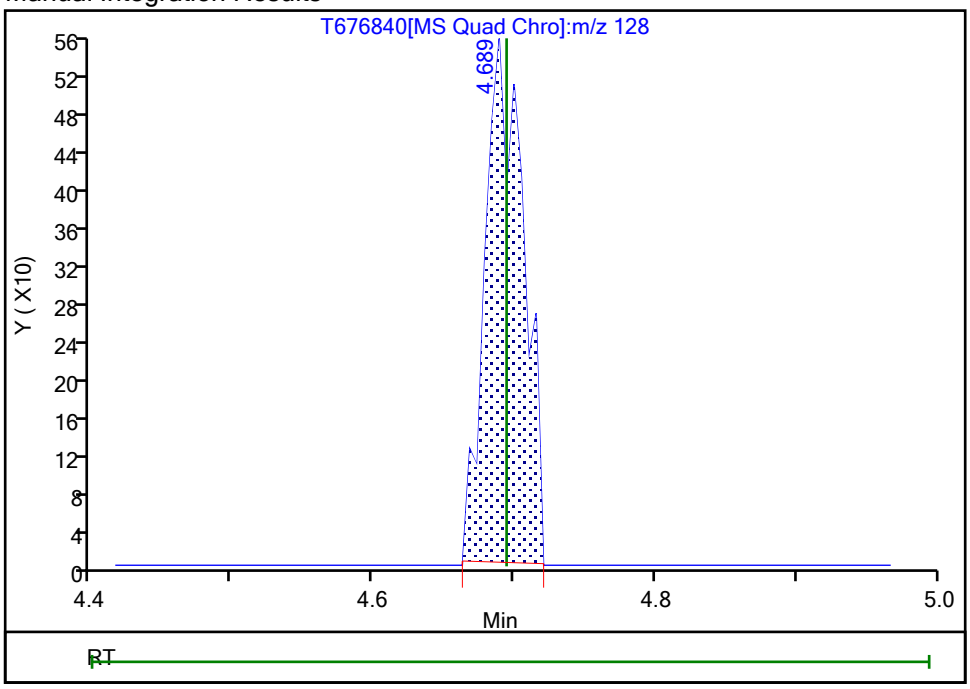
Processing Integration Results

RT: 4.70
Area: 564
Amount: 0.288504
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 1045
Amount: 0.490651
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

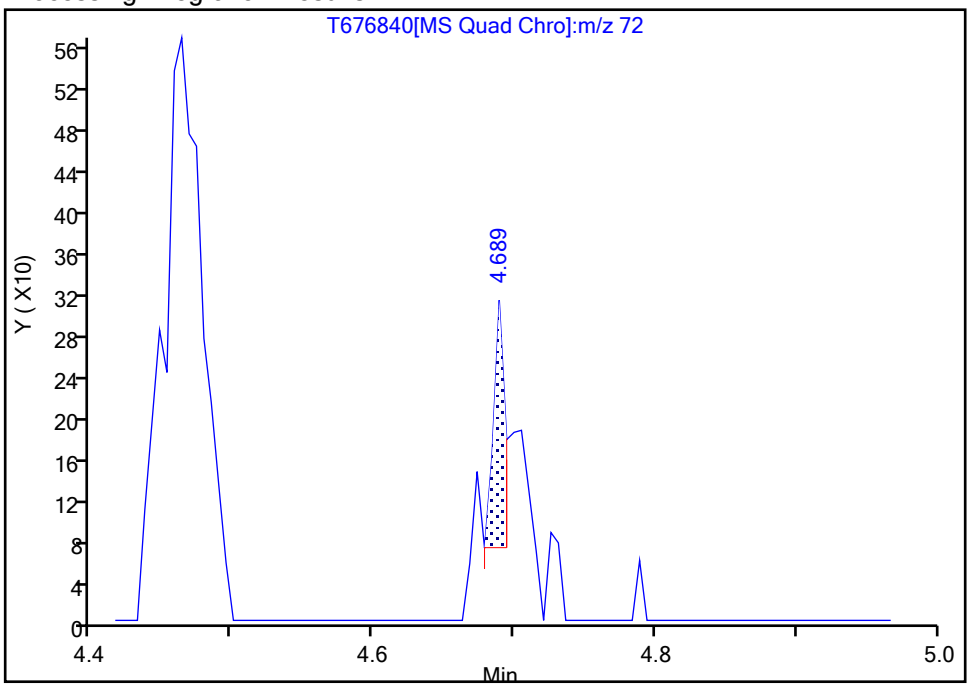
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

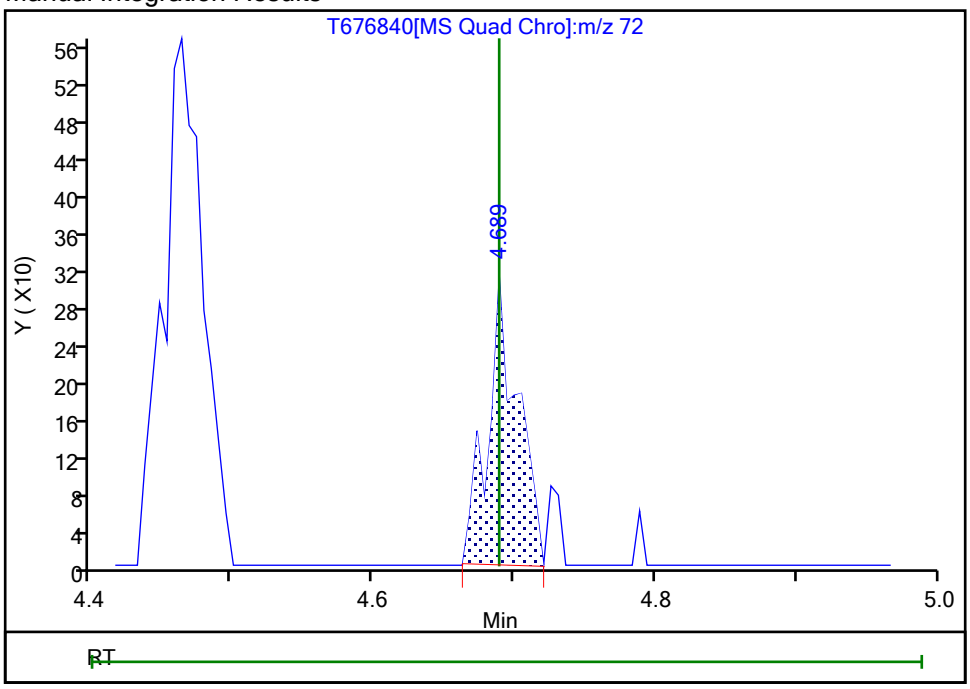
Processing Integration Results

RT: 4.69
Area: 136
Amount: 0.325952
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 457
Amount: 0.989205
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:42:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Edison

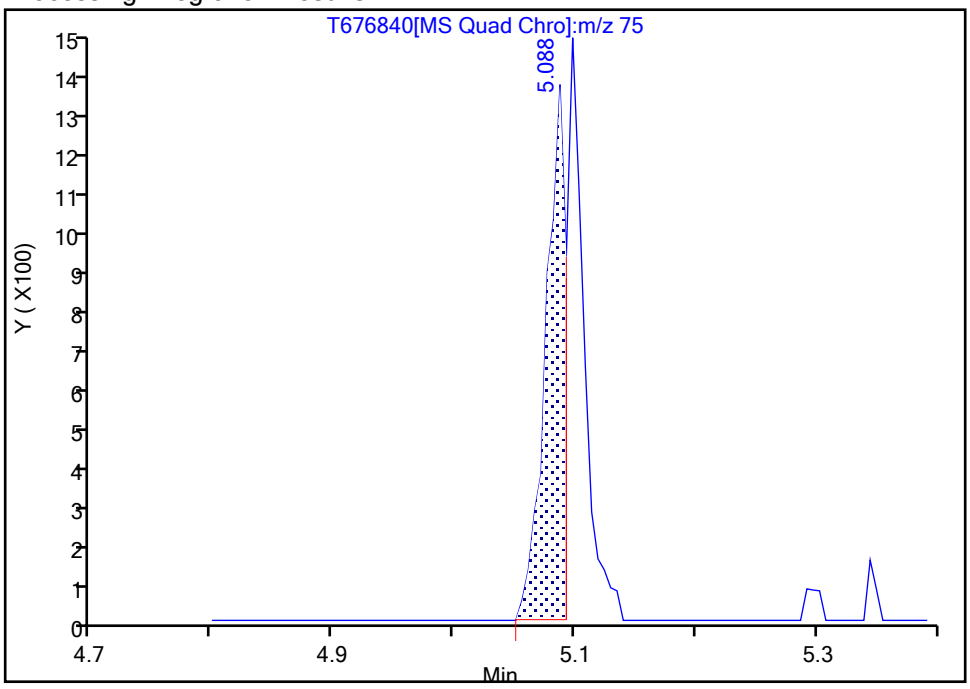
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

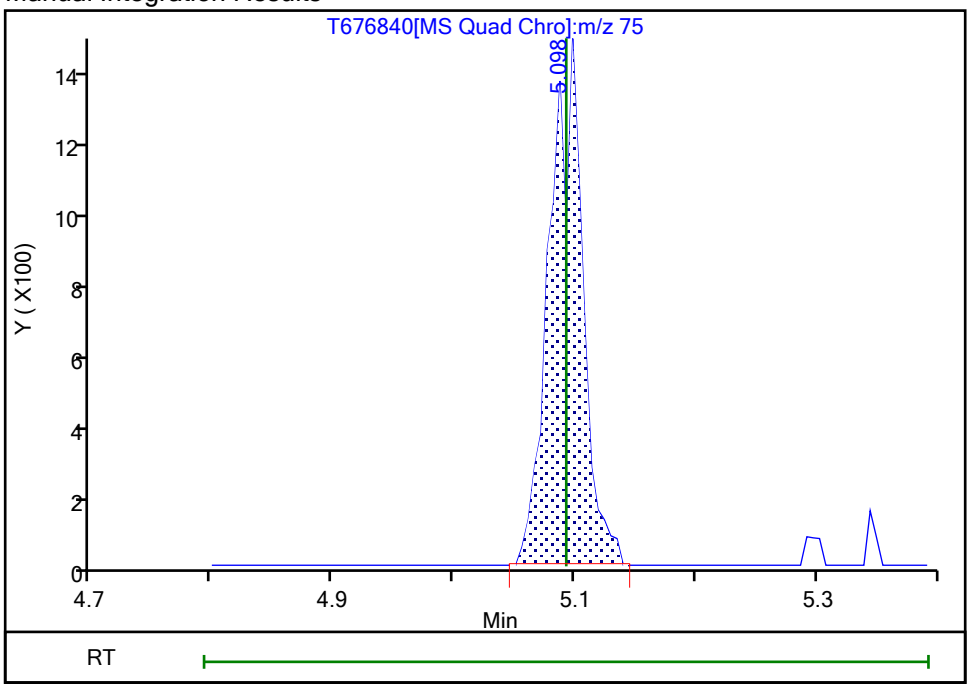
Processing Integration Results

RT: 5.09
Area: 1579
Amount: 0.297107
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 2780
Amount: 0.512130
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

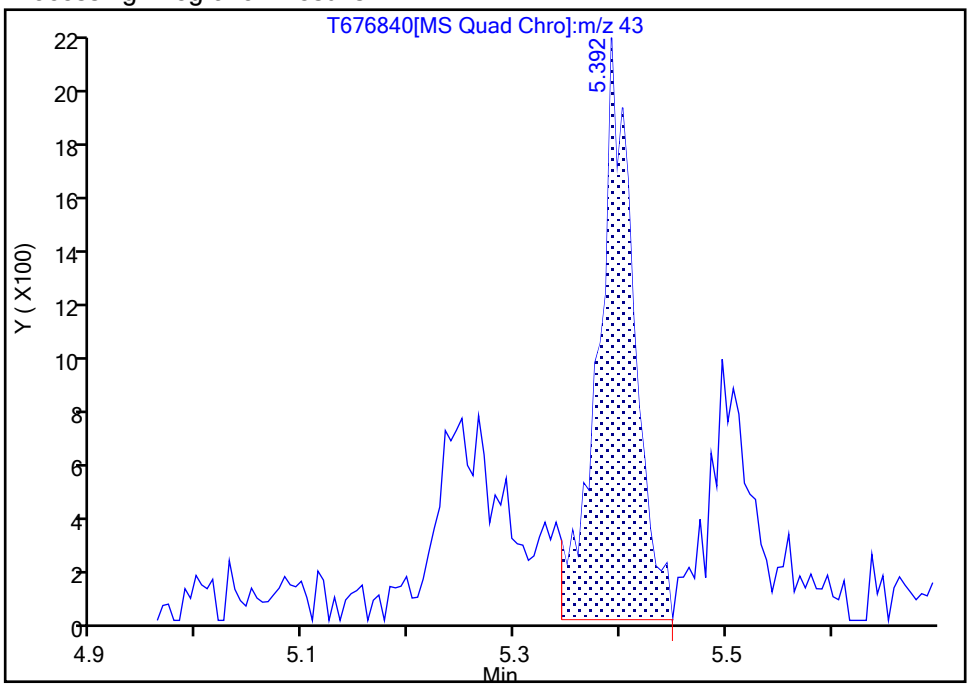
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

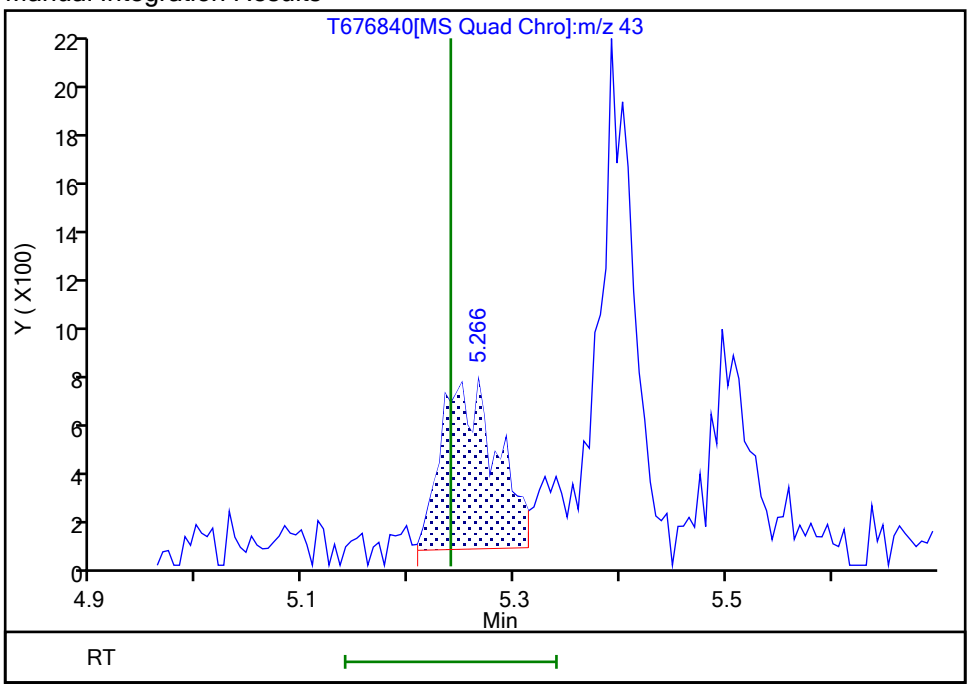
Processing Integration Results

RT: 5.39
Area: 4940
Amount: 20.201353
Amount Units: ug/l



Manual Integration Results

RT: 5.27
Area: 2465
Amount: 11.498279
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 17:44:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

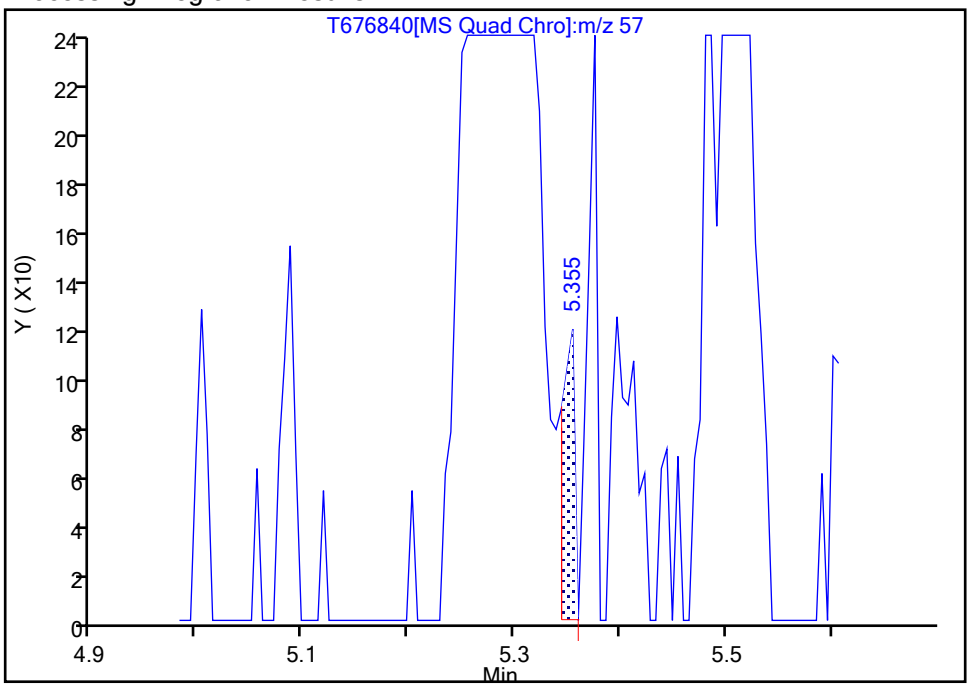
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

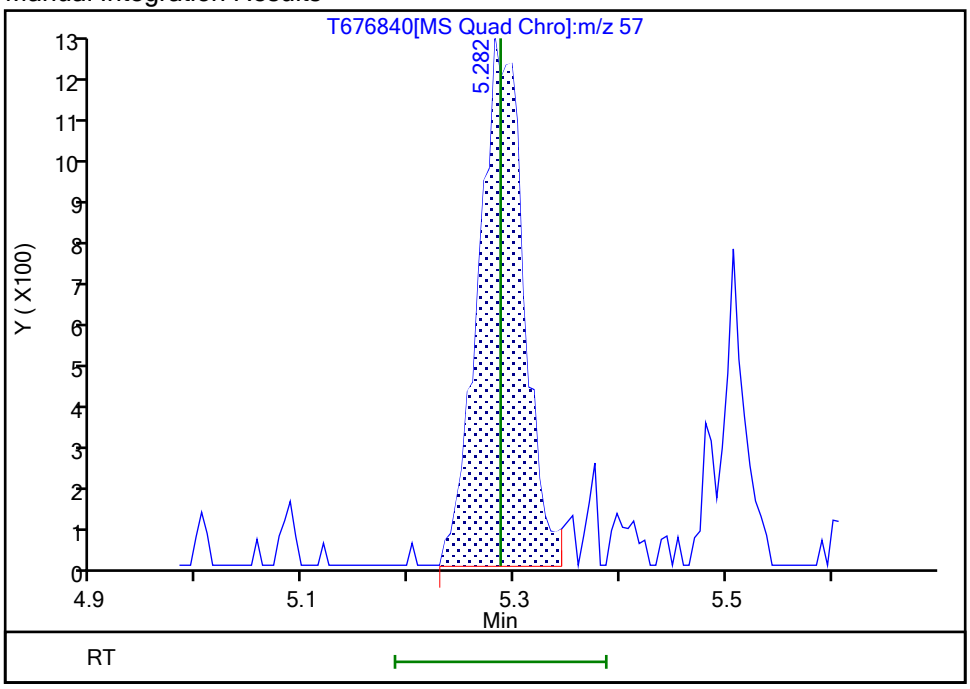
Processing Integration Results

RT: 5.36
Area: 97
Amount: 0.010804
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 3751
Amount: 0.473823
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

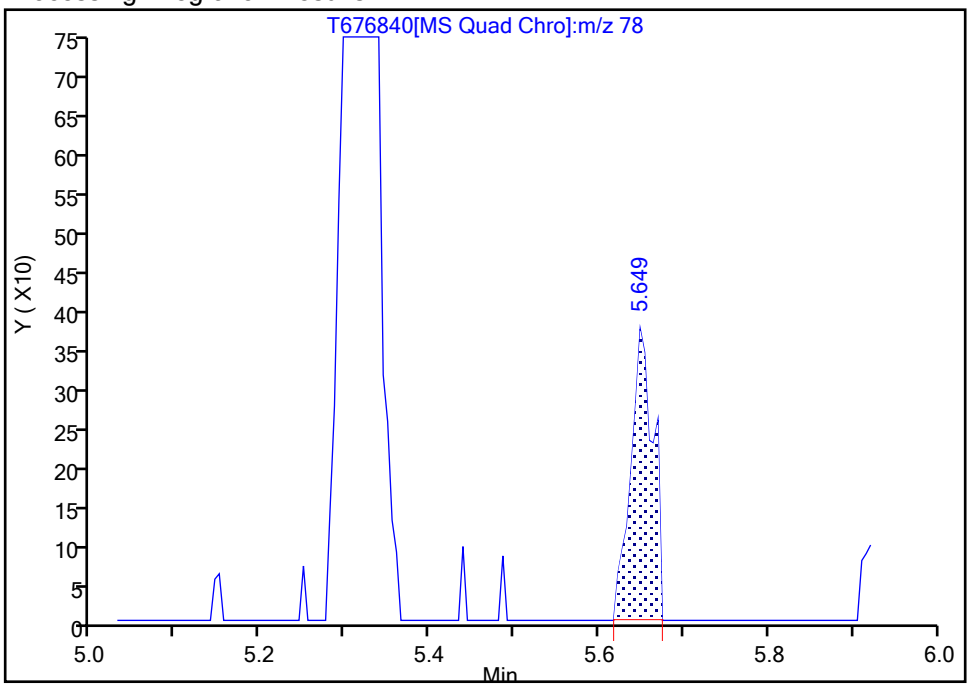
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

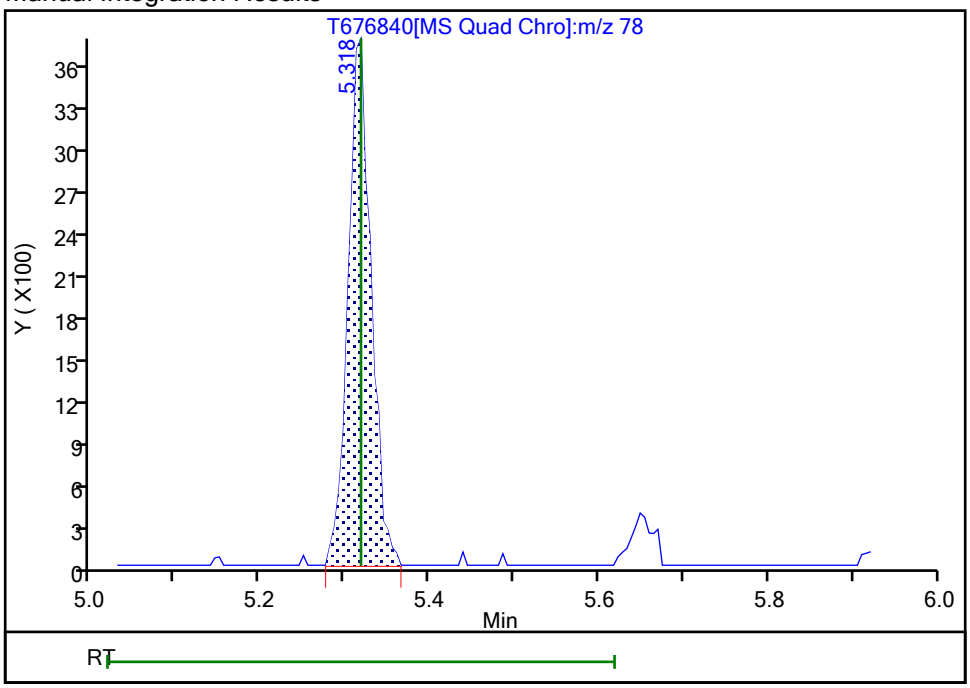
Processing Integration Results

RT: 5.65
Area: 690
Amount: 0.047985
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 7083
Amount: 0.474479
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

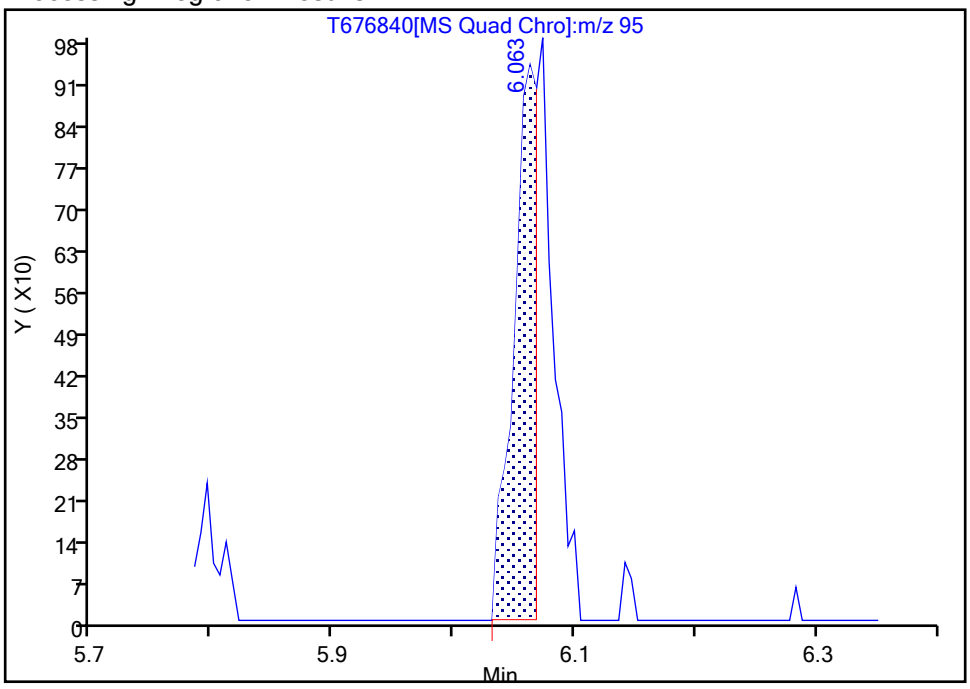
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

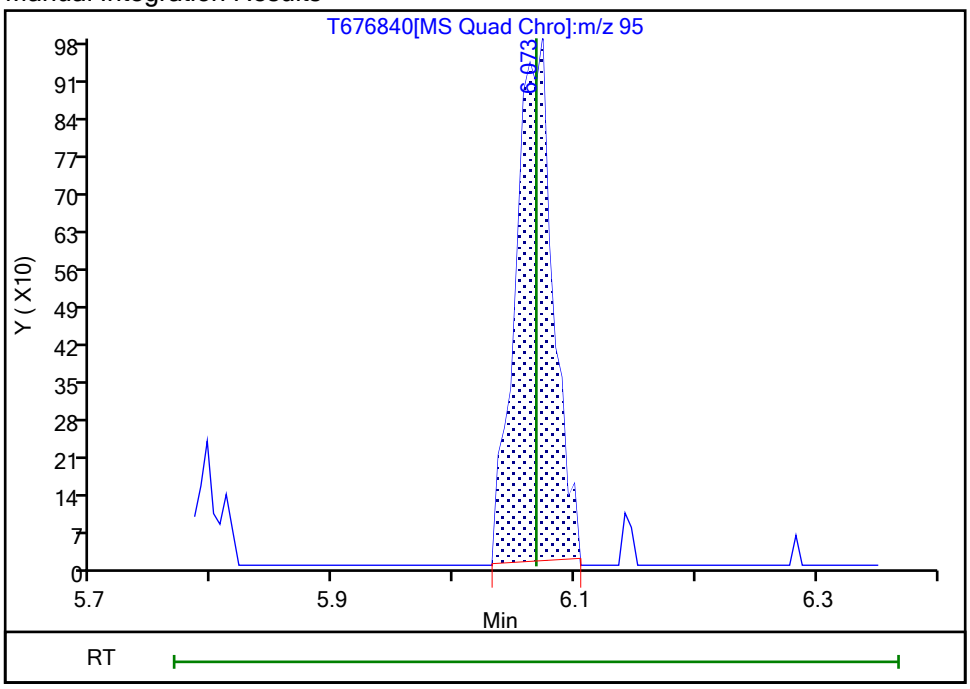
Processing Integration Results

RT: 6.06
Area: 1297
Amount: 0.320884
Amount Units: ug/l



Manual Integration Results

RT: 6.07
Area: 2090
Amount: 0.489630
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 16:41:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

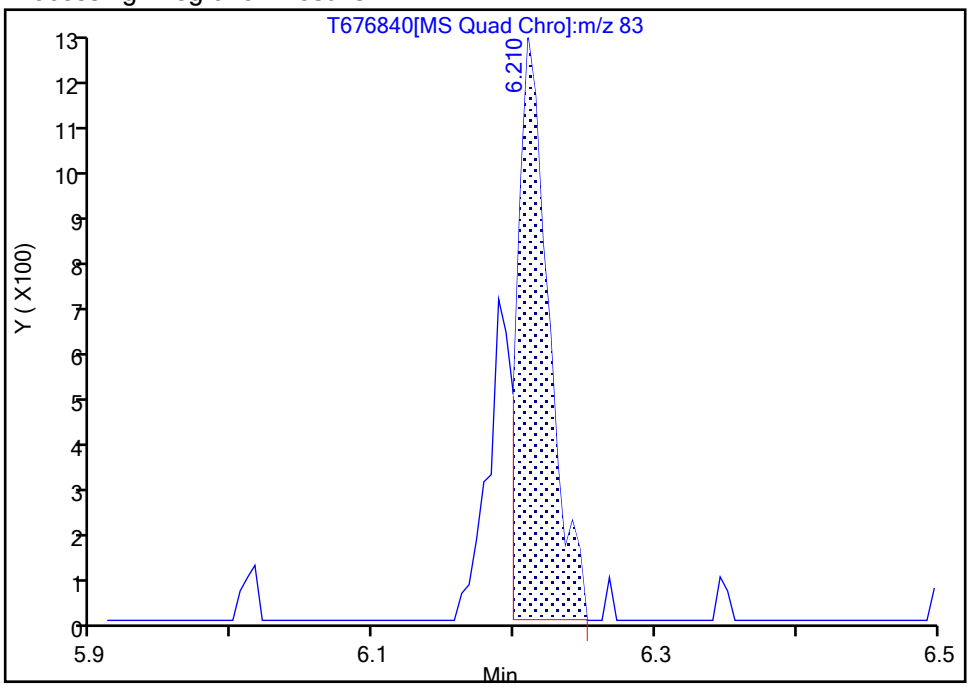
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

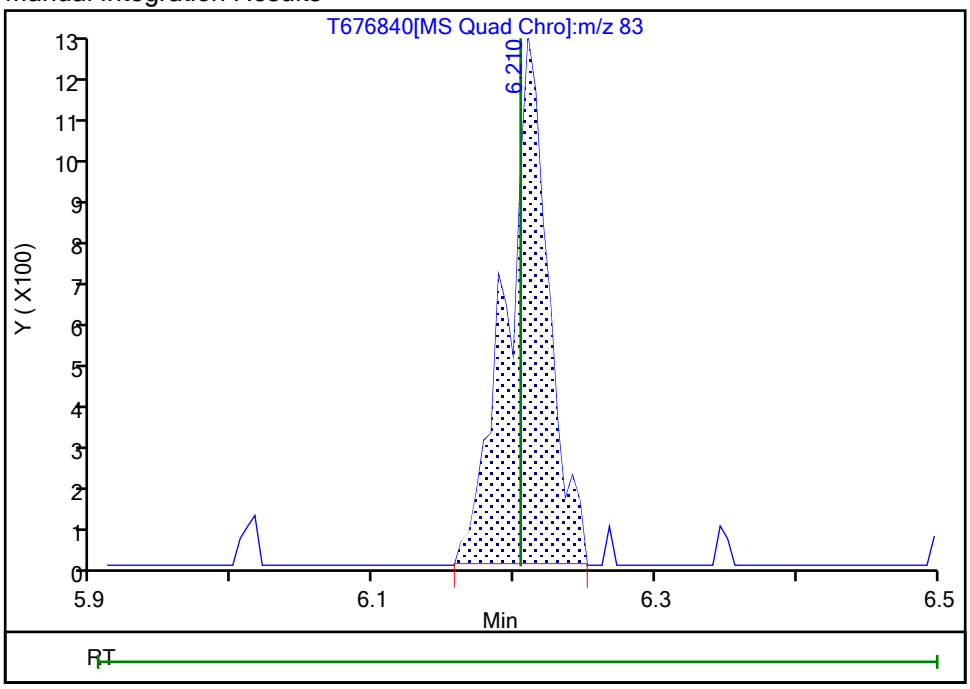
Processing Integration Results

RT: 6.21
Area: 1855
Amount: 0.307156
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 2525
Amount: 0.484896
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

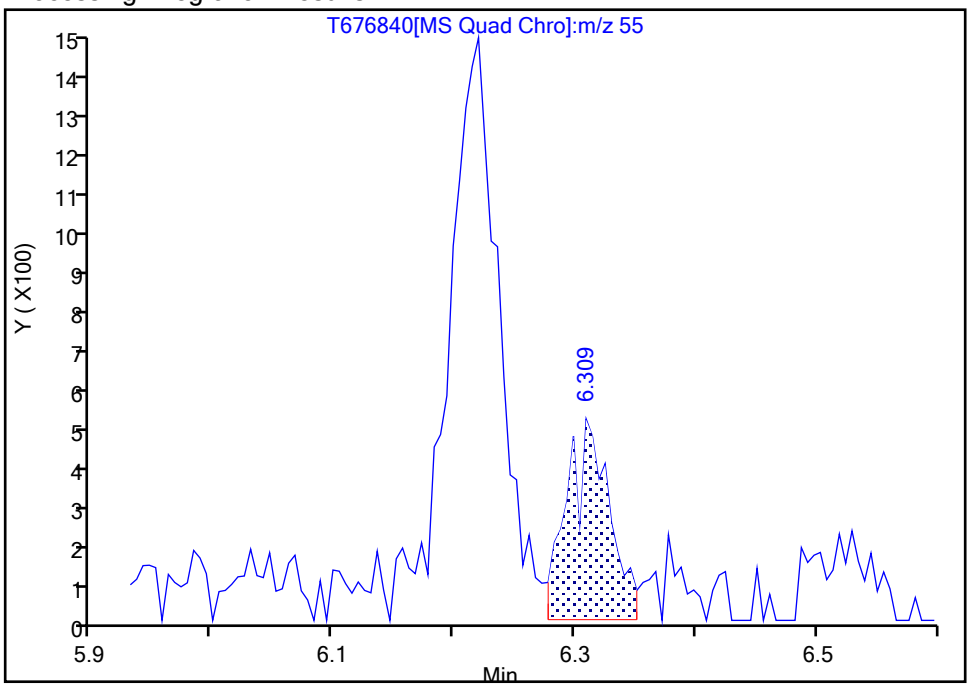
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

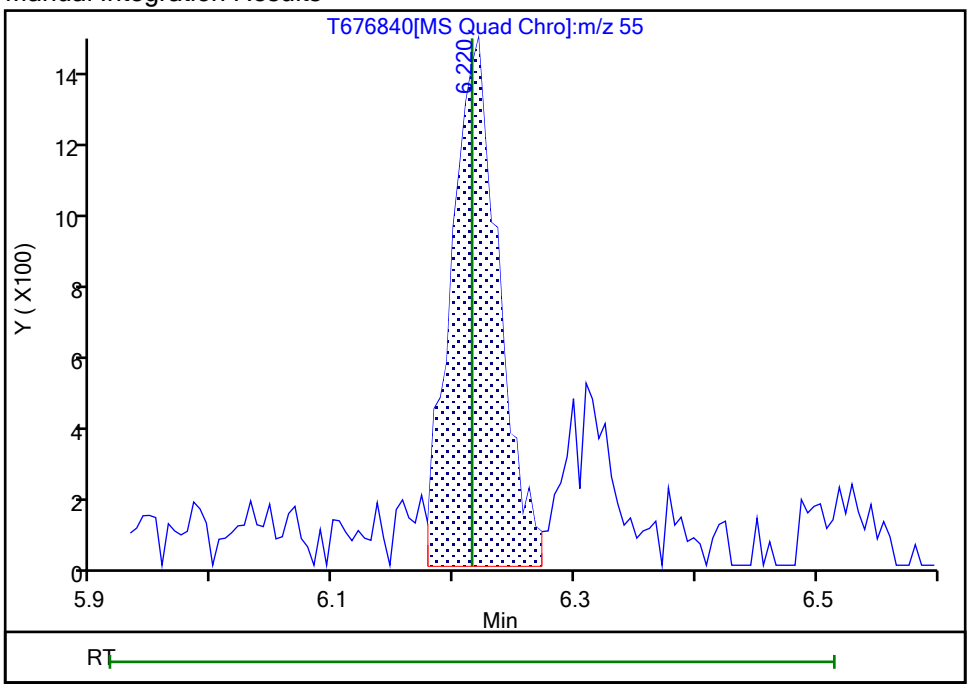
Processing Integration Results

RT: 6.31
Area: 1237
Amount: 0.144481
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 3995
Amount: 0.489584
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

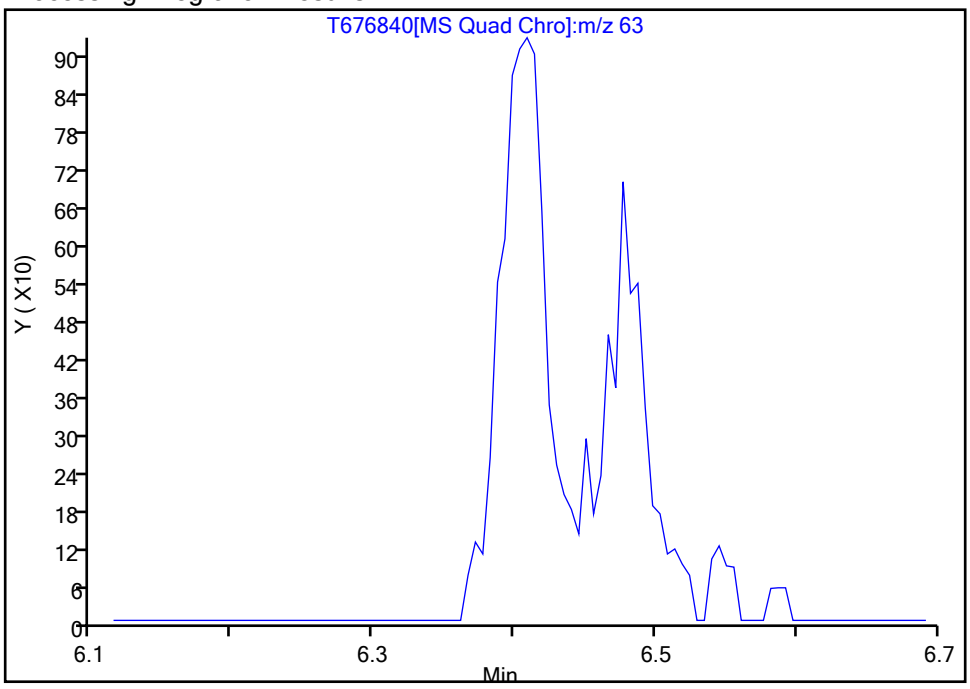
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

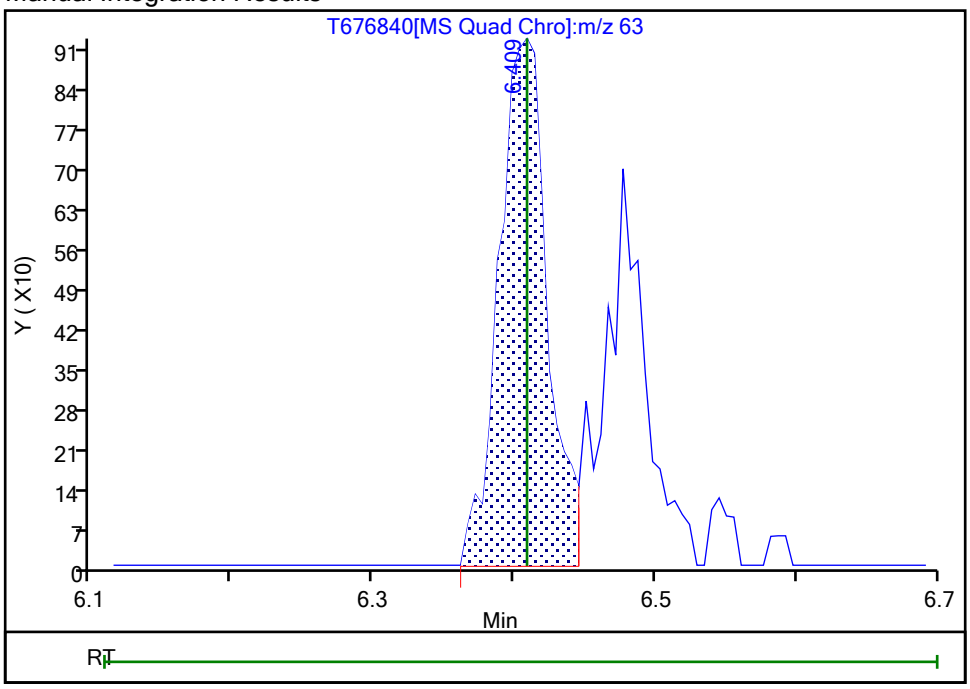
Not Detected
Expected RT: 6.41

Processing Integration Results



Manual Integration Results

RT: 6.41
Area: 2230
Amount: 0.542877
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:43:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

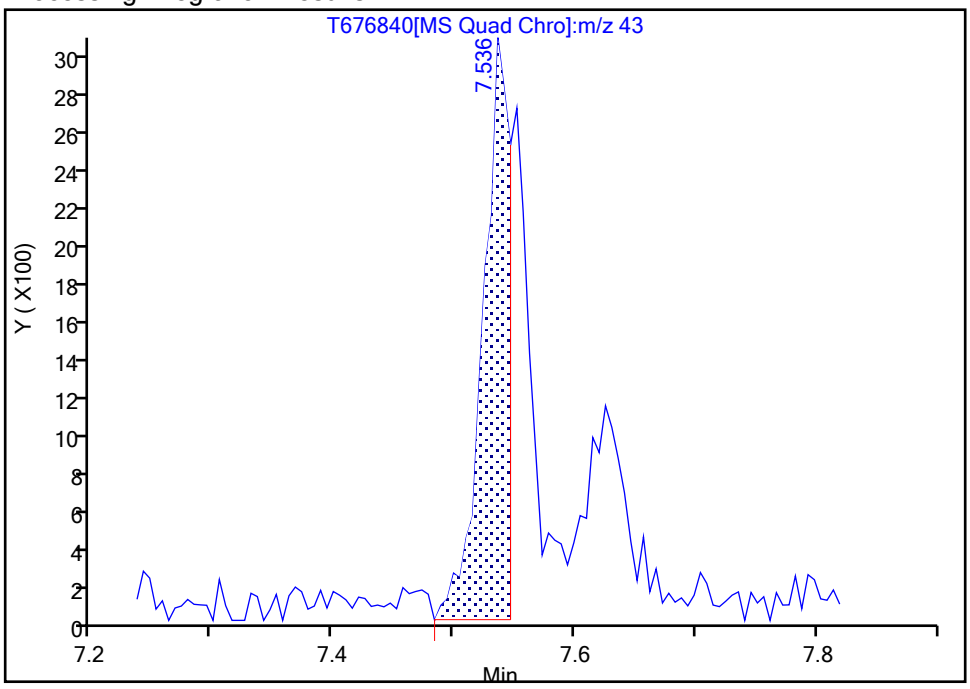
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

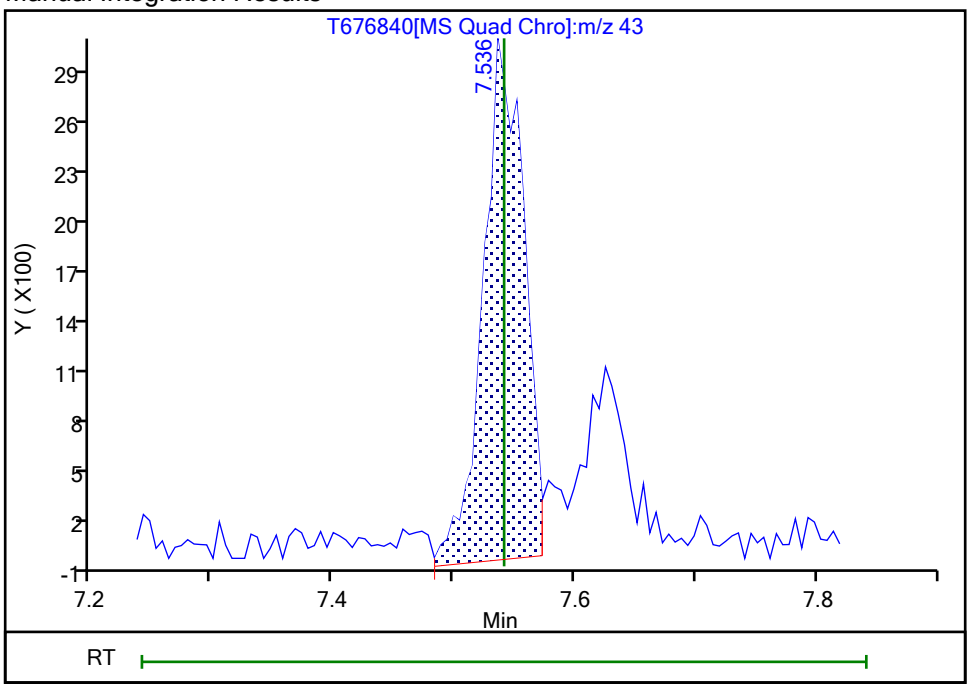
Processing Integration Results

RT: 7.54
Area: 4701
Amount: 1.619550
Amount Units: ug/l



Manual Integration Results

RT: 7.54
Area: 7082
Amount: 2.330590
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 17:37:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

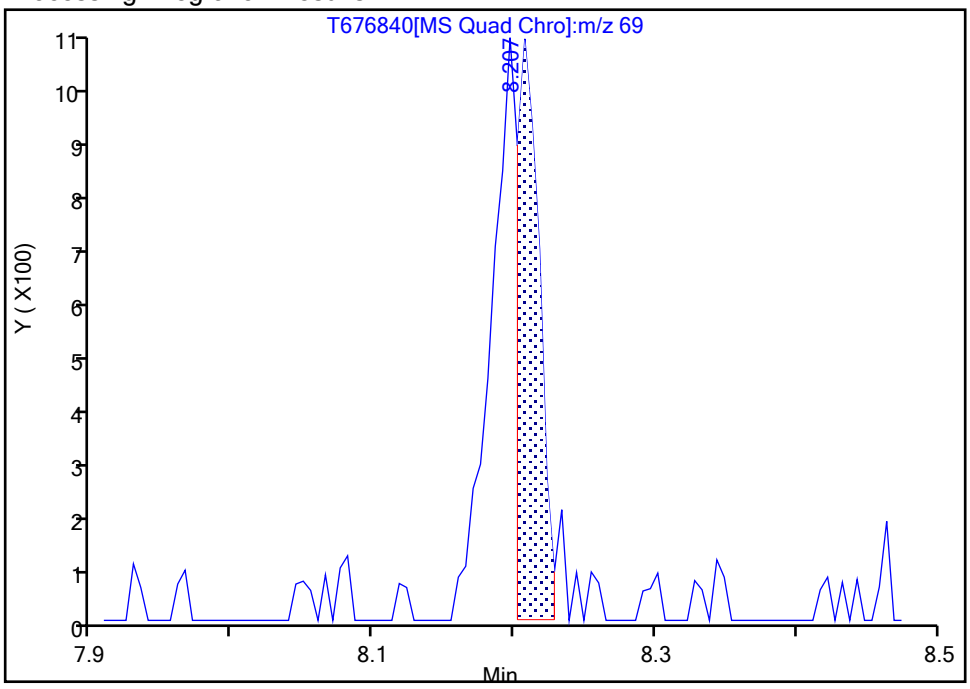
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

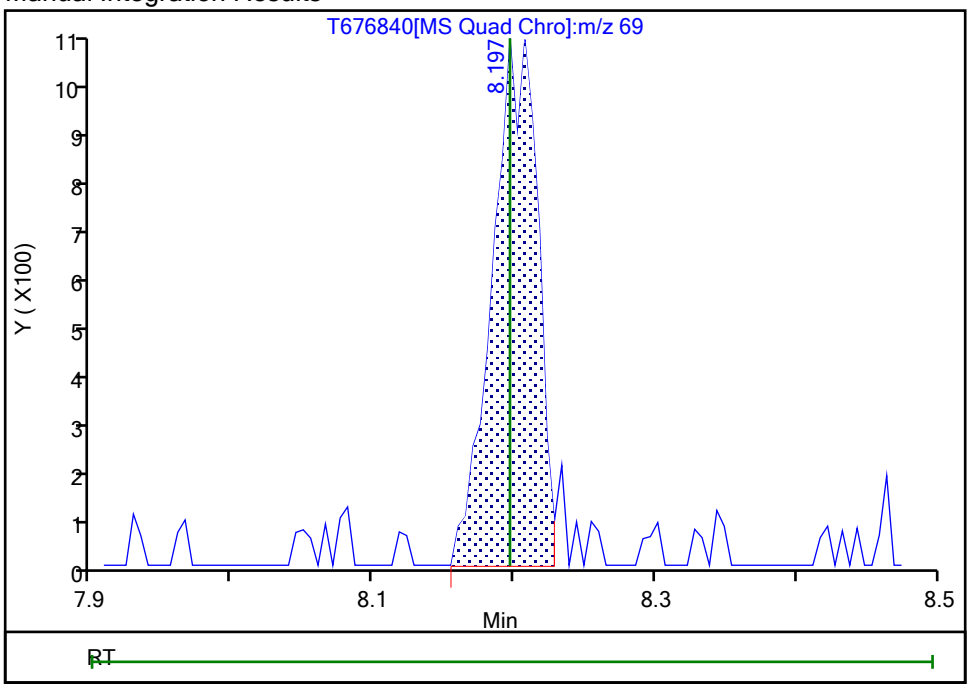
Processing Integration Results

RT: 8.21
Area: 1155
Amount: 0.262258
Amount Units: ug/l



Manual Integration Results

RT: 8.20
Area: 2265
Amount: 0.490310
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:44:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Edison

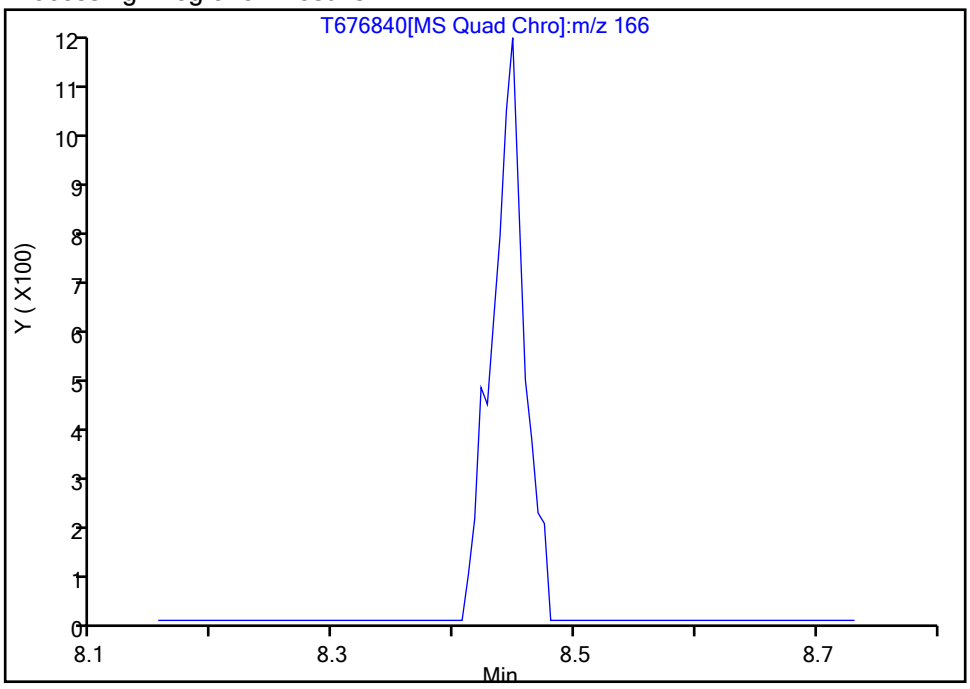
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Signal: 1

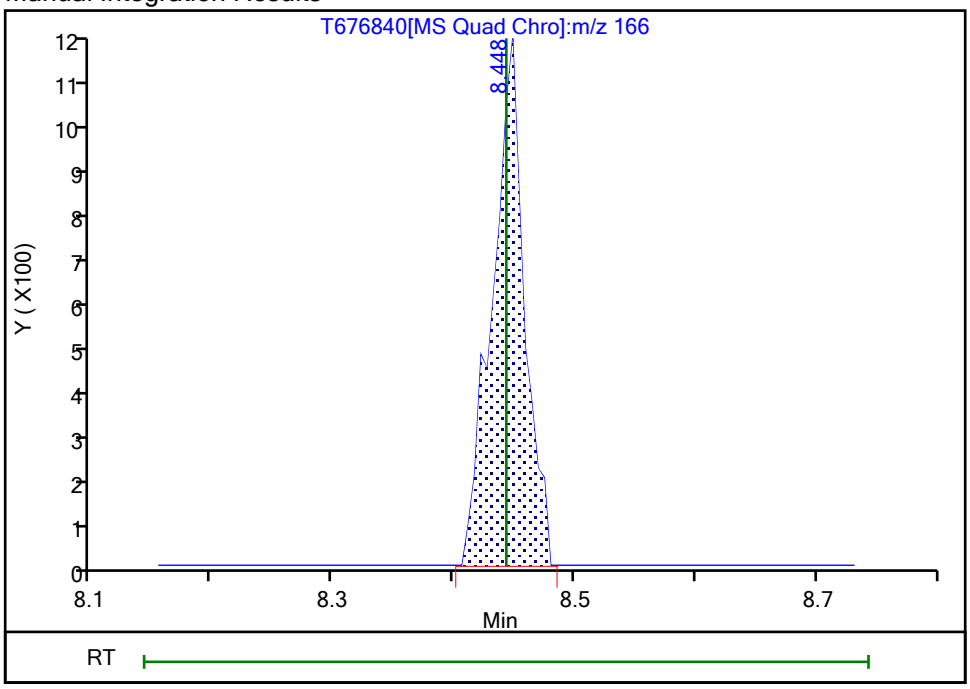
Not Detected
Expected RT: 8.44

Processing Integration Results



Manual Integration Results

RT: 8.45
Area: 2117
Amount: 0.477740
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:44:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

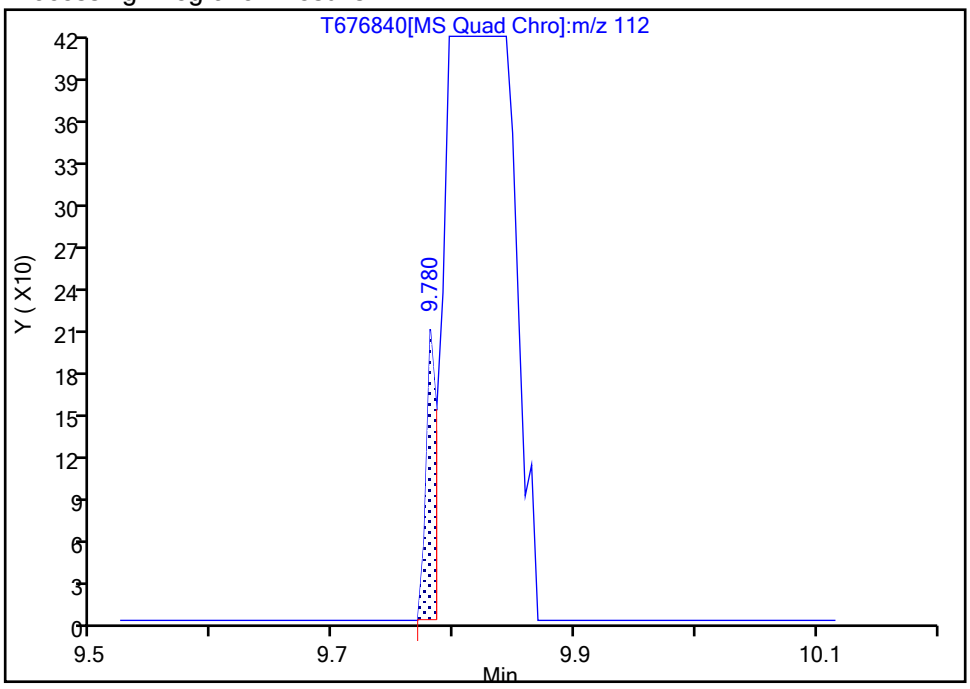
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Signal: 1

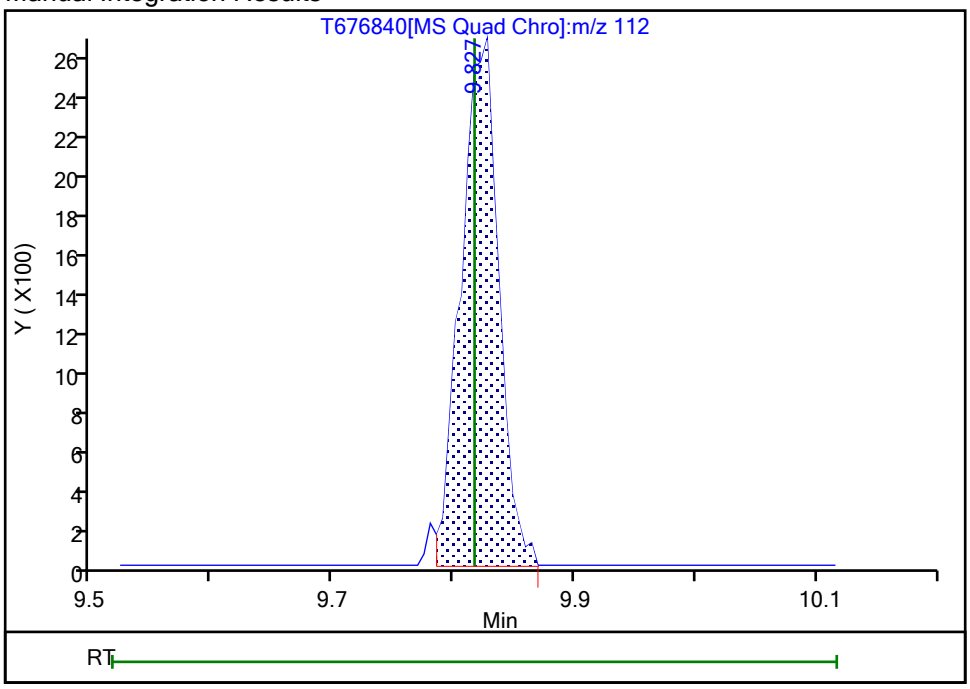
Processing Integration Results

RT: 9.78
Area: 130
Amount: 0.012654
Amount Units: ug/l



Manual Integration Results

RT: 9.83
Area: 5645
Amount: 0.525248
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:44:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

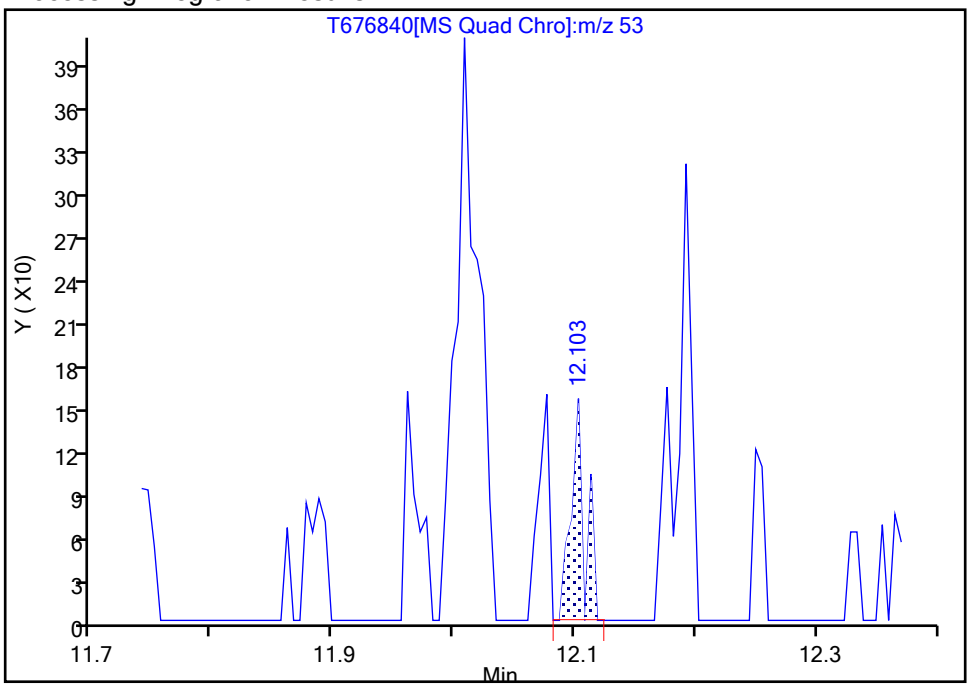
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

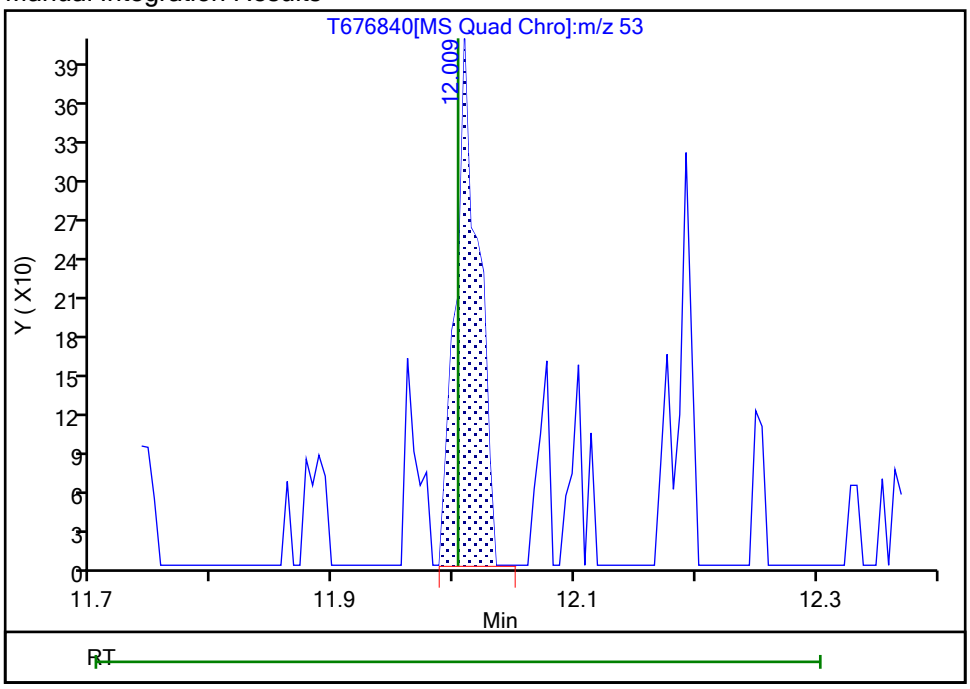
Processing Integration Results

RT: 12.10
Area: 119
Amount: 0.106588
Amount Units: ug/l



Manual Integration Results

RT: 12.01
Area: 529
Amount: 0.449023
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:44:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

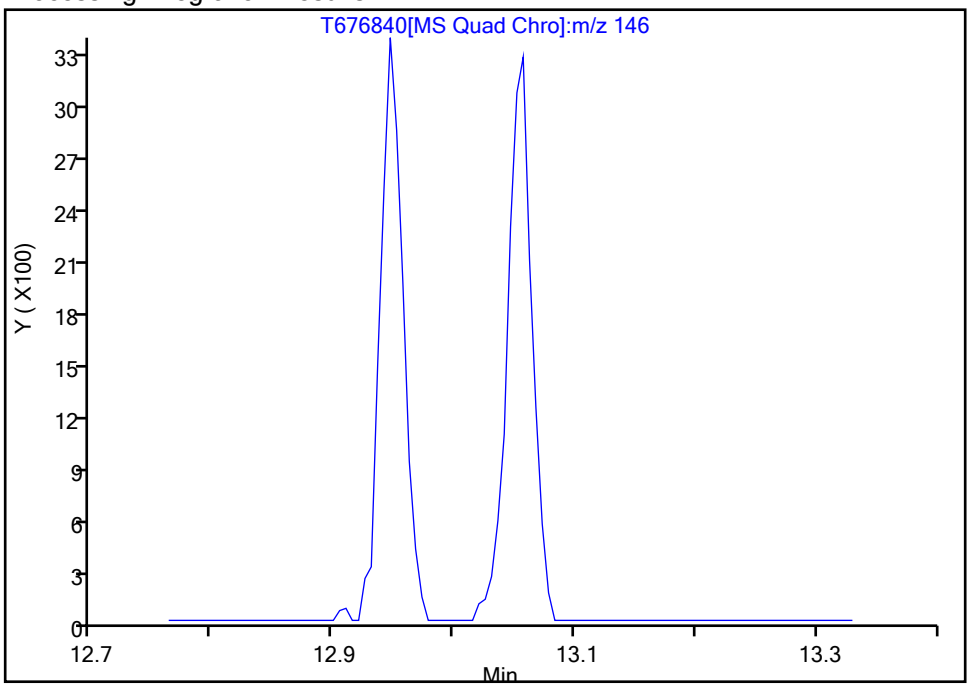
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D
Injection Date: 21-Apr-2024 15:59:15 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

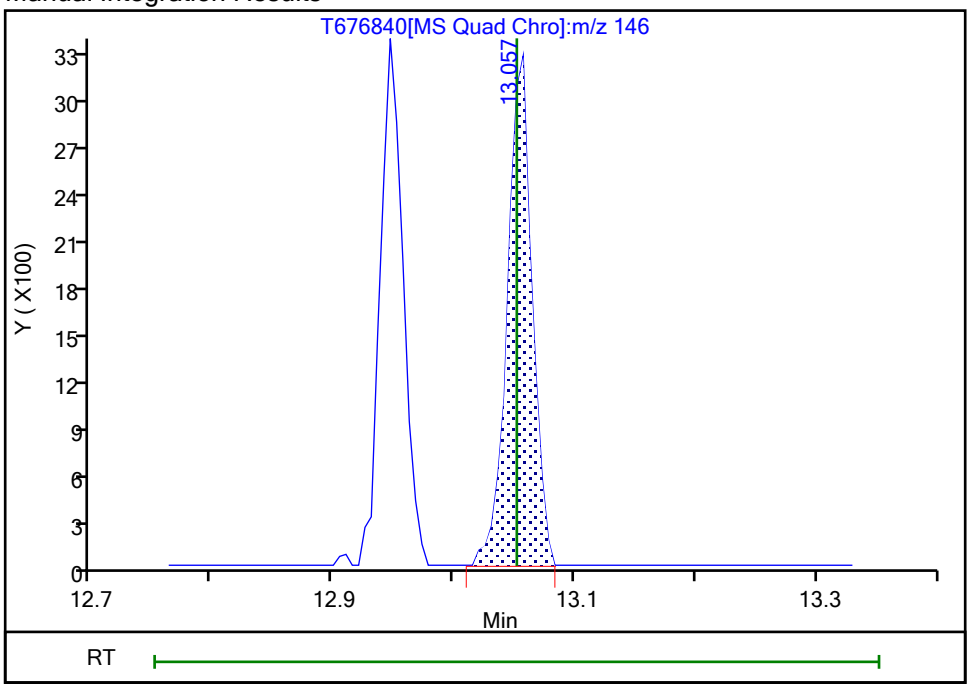
Not Detected
Expected RT: 13.05

Processing Integration Results



Manual Integration Results

RT: 13.06
Area: 4593
Amount: 0.584235
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:44:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Apr-2024 15:36:34 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0174952-023
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:14:57 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: FK2C Date: 22-Apr-2024 11:41:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	13	277	1.00	1.74	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	59	788	1.00	0.9739	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	86	2141	1.00	1.12	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	83	4597	1.00	0.9354	
5 Chlorodifluoromethane	67	1.465	1.459	0.006	83	765	1.00	1.09	
6 Chloromethane	50	1.611	1.611	0.000	85	5507	1.00	1.10	
7 Vinyl chloride	62	1.706	1.706	0.000	77	5300	1.00	1.15	
8 Butadiene	54	1.727	1.732	-0.005	92	3688	1.00	1.02	
9 Bromomethane	94	1.999	1.999	0.000	86	1187	1.00	0.7136	
10 Chloroethane	64	2.089	2.088	0.001	81	3753	1.00	1.27	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	88	8938	1.00	1.11	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	94	6337	1.00	1.03	
13 Pentane	72	2.325	2.324	0.001	94	1357	2.00	1.99	
14 Ethanol	46	2.477	2.476	0.001	90	623	40.0	32.7	a
15 Ethyl ether	59	2.529	2.529	0.000	89	5073	1.00	1.04	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	86	3099	1.00	1.02	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	71	3639	1.00	1.16	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.639	2.634	0.005	77	5558	1.00	1.04	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.707	2.707	0.000	79	3227	1.00	0.9229	M
19 Acrolein	56	2.707	2.707	0.000	95	3014	4.00	4.09	
20 1,1-Dichloroethene	96	2.739	2.739	0.000	93	4302	1.00	1.16	
22 Acetone	43	2.838	2.833	0.005	84	5989	5.00	5.45	
23 Iodomethane	142	2.901	2.901	0.000	93	3035	1.00	0.7946	
25 Isopropyl alcohol	45	2.922	2.927	-0.005	29	2677	10.0	11.7	
24 Carbon disulfide	76	2.933	2.933	0.000	100	15896	1.00	1.23	
27 3-Chloro-1-propene	76	3.085	3.079	0.006	86	2976	1.00	1.23	
28 Methyl acetate	43	3.095	3.095	0.000	90	5889	2.00	2.26	
29 Cyclopentene	67	3.101	3.100	0.000	89	8125	1.00	1.10	
26 Acetonitrile	41	3.153	3.153	0.000	96	4771	10.0	10.9	a
* 31 TBA-d9 (IS)	66	3.200	3.200	0.000	97	44747	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	33	5427	1.00	1.21	
32 2-Methyl-2-propanol	59	3.279	3.273	0.006	88	3580	10.0	10.6	
35 Methyl tert-butyl ether	73	3.384	3.389	-0.005	94	11014	1.00	1.11	
34 trans-1,2-Dichloroethene	96	3.426	3.420	0.006	86	5017	1.00	1.16	
33 Acrylonitrile	53	3.499	3.499	0.000	93	15042	10.0	10.8	
36 Hexane	57	3.593	3.593	0.000	93	5025	1.00	1.02	
40 Isopropyl ether	45	3.824	3.824	0.000	95	12418	1.00	1.10	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	84	8242	1.00	1.17	
38 Vinyl acetate	86	3.876	3.882	-0.006	98	1465	2.00	1.94	M
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	88	4244	1.00	1.21	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	92	11478	1.00	1.10	
* 42 2-Butanone-d5	46	4.396	4.395	0.001	65	321224	250.0	250.0	
44 2,2-Dichloropropane	97	4.406	4.411	-0.005	46	1879	1.00	1.22	
43 cis-1,2-Dichloroethene	96	4.438	4.443	-0.005	65	5744	1.00	1.22	
45 2-Butanone (MEK)	72	4.464	4.458	0.006	96	2319	5.00	5.28	
47 Ethyl acetate	70	4.474	4.474	0.000	94	806	2.00	2.03	
48 Methyl acrylate	55	4.527	4.527	0.000	85	3522	1.00	1.05	
46 Propionitrile	54	4.611	4.610	0.001	95	6003	10.0	11.4	
51 Tetrahydrofuran	72	4.689	4.689	0.000	77	1141	2.00	2.47	M
49 Chlorobromomethane	128	4.694	4.694	0.000	73	2620	1.00	1.19	
50 Methacrylonitrile	67	4.726	4.726	0.000	89	16719	10.0	11.2	
52 Chloroform	83	4.757	4.757	0.000	97	8239	1.00	1.20	
55 Cyclohexane	84	4.899	4.899	0.000	89	5028	1.00	0.9534	
54 1,1,1-Trichloroethane	97	4.915	4.915	0.001	40	6977	1.00	1.16	
$ 53 Dibromofluoromethane (Surr)	113	4.936	4.935	0.001	97	167803	50.0	52.0	
56 Carbon tetrachloride	117	5.046	5.051	-0.005	91	6255	1.00	1.11	
57 1,1-Dichloropropene	75	5.088	5.093	-0.005	92	6308	1.00	1.13	
59 Isobutyl alcohol	43	5.245	5.240	0.005	87	5652	25.0	25.5	Ma
62 Isooctane	57	5.292	5.287	0.005	94	7637	1.00	0.9360	a
60 Benzene	78	5.313	5.318	-0.005	73	17917	1.00	1.17	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	97	163631	50.0	51.2	
63 Isopropyl acetate	61	5.397	5.397	0.000	86	2450	1.00	1.23	
64 Tert-amyl methyl ether	73	5.397	5.397	0.000	83	11206	1.00	1.13	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	85	5282	1.00	1.12	
66 n-Heptane	43	5.507	5.507	0.000	87	3328	1.00	0.9789	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	565235	50.0	50.0	
68 n-Butanol	56	6.026	6.021	0.005	82	2519	25.0	26.1	
67 Trichloroethene	95	6.063	6.068	-0.005	88	4850	1.00	1.10	
70 Methylcyclohexane	83	6.204	6.204	0.000	80	4636	1.00	0.8638	
69 Ethyl acrylate	55	6.215	6.215	0.000	87	8636	1.00	1.03	
71 1,2-Dichloropropane	63	6.414	6.409	0.005	84	4768	1.00	1.13	a
* 73 1,4-Dioxane-d8	96	6.477	6.472	0.005	1	36536	1000.0	1000.0	a
75 Methyl methacrylate	100	6.514	6.508	0.006	84	2015	2.00	2.06	
74 1,4-Dioxane	88	6.540	6.535	0.005	55	1782	50.0	43.9	M
72 Dibromomethane	93	6.550	6.550	0.000	85	3247	1.00	1.19	
76 n-Propyl acetate	43	6.577	6.577	0.000	92	5047	1.00	1.06	
77 Dichlorobromomethane	83	6.739	6.739	0.000	89	5879	1.00	1.08	
78 2-Nitropropane	41	7.132	7.138	-0.006	77	2340	2.00	2.02	a
79 2-Chloroethyl vinyl ether	106	7.159	7.148	0.011	45	267	1.00	0.9602	
80 Epichlorohydrin	57	7.269	7.269	0.000	91	6142	20.0	20.4	
81 cis-1,3-Dichloropropene	75	7.332	7.337	-0.005	81	7224	1.00	1.05	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.541	0.006	92	16383	5.00	5.39	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	100	556636	50.0	50.4	
84 Toluene	91	7.714	7.720	-0.006	92	19681	1.00	1.17	
85 trans-1,3-Dichloropropene	75	8.144	8.150	-0.006	89	6763	1.00	1.11	
86 Ethyl methacrylate	69	8.197	8.197	0.000	81	5196	1.00	1.09	
87 1,1,2-Trichloroethane	83	8.396	8.401	-0.005	80	3322	1.00	1.06	a
88 Tetrachloroethene	166	8.443	8.443	0.000	84	5047	1.00	1.11	
89 1,3-Dichloropropane	76	8.658	8.653	0.005	80	6803	1.00	1.12	
90 2-Hexanone	43	8.747	8.747	0.000	94	12602	5.00	5.64	
93 n-Butyl acetate	43	8.899	8.894	0.005	91	5842	1.00	1.09	
91 Chlorodibromomethane	129	8.926	8.925	0.001	80	5055	1.00	1.13	
92 Ethylene Dibromide	107	9.104	9.104	0.000	78	4447	1.00	1.13	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	84	441571	50.0	50.0	
95 Chlorobenzene	112	9.817	9.817	0.000	91	12729	1.00	1.15	
97 Ethylbenzene	106	9.959	9.953	0.005	96	6689	1.00	1.14	
96 1,1,1,2-Tetrachloroethane	131	9.974	9.969	0.005	43	4352	1.00	1.08	
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	96	8310	1.00	1.18	
99 o-Xylene	106	10.792	10.792	0.000	94	7795	1.00	1.15	
101 n-Butyl acrylate	73	10.808	10.808	0.000	82	3284	1.00	1.15	
100 Styrene	104	10.839	10.839	0.000	96	12056	1.00	1.10	
102 Bromoform	173	11.154	11.154	0.000	75	3592	1.00	1.14	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	85	6997	1.00	1.18	
104 Isopropylbenzene	105	11.369	11.369	0.000	92	18465	1.00	1.18	
$ 105 4-Bromofluorobenzene	174	11.652	11.647	0.005	96	194733	50.0	51.4	
106 Bromobenzene	156	11.825	11.820	0.005	91	4849	1.00	1.05	
107 1,1,2,2-Tetrachloroethane	83	11.914	11.914	0.000	86	5357	1.00	1.16	
110 N-Propylbenzene	91	11.946	11.946	0.000	98	22788	1.00	1.12	
108 1,2,3-Trichloropropane	110	11.967	11.966	0.001	76	1439	1.00	1.04	
109 trans-1,4-Dichloro-2-butene	53	12.009	12.003	0.006	71	1370	1.00	1.13	
111 2-Chlorotoluene	91	12.071	12.071	0.000	93	16252	1.00	1.16	
112 4-Ethyltoluene	105	12.103	12.098	0.005	95	18743	1.00	1.15	
114 1,3,5-Trimethylbenzene	105	12.187	12.187	0.000	93	14660	1.00	1.10	
113 4-Chlorotoluene	91	12.224	12.223	0.001	94	15563	1.00	1.13	
115 Butyl Methacrylate	87	12.339	12.344	-0.005	84	5347	1.00	1.13	
116 tert-Butylbenzene	119	12.554	12.554	0.000	88	12724	1.00	1.12	
117 1,2,4-Trimethylbenzene	105	12.627	12.627	0.000	94	15318	1.00	1.14	
118 sec-Butylbenzene	105	12.806	12.800	0.006	97	19074	1.00	1.18	
119 1,3-Dichlorobenzene	146	12.947	12.947	0.000	93	8730	1.00	1.10	
122 4-Isopropyltoluene	119	12.968	12.968	0.000	90	14981	1.00	1.09	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	95	227214	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.052	13.052	0.000	55	9583	1.00	1.18	
123 1,2,3-Trimethylbenzene	105	13.089	13.083	0.006	97	15254	1.00	1.14	
124 Benzyl chloride	91	13.214	13.214	0.000	93	8543	1.00	1.05	
125 2,3-Dihydroindene	117	13.283	13.283	0.000	94	15019	1.00	1.18	
127 p-Diethylbenzene	119	13.361	13.361	0.000	91	9017	1.00	1.16	
128 n-Butylbenzene	92	13.387	13.387	0.000	97	7930	1.00	1.19	
126 1,2-Dichlorobenzene	146	13.435	13.429	0.006	94	8523	1.00	1.22	
130 1,2,4,5-Tetramethylbenzene	119	14.101	14.100	0.001	93	11980	1.00	1.09	
129 1,2-Dibromo-3-Chloropropane	157	14.184	14.184	0.000	24	1178	1.00	1.18	
131 1,3,5-Trichlorobenzene	180	14.310	14.310	0.000	88	5327	1.00	1.14	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	77	4459	1.00	1.12	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	60	3760	1.00	1.91	
134 Naphthalene	128	15.050	15.049	0.001	95	11326	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	66	3908	1.00	1.09	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.38	
S 137 Xylenes, Total	100				0		2.00	2.33	
S 140 Total BTEX	1				0		5.00	5.81	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.17	

QC Flag Legend

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

Reagents:

524FREONS_00017	Amount Added:	10.00	Units: uL	
ACROLEIN W_00167	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00185	Amount Added:	10.00	Units: uL	
GASES Li_00580	Amount Added:	10.00	Units: uL	
14DIOXINTER_00168	Amount Added:	30.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:14:57 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D

Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15

Lims ID: STD1

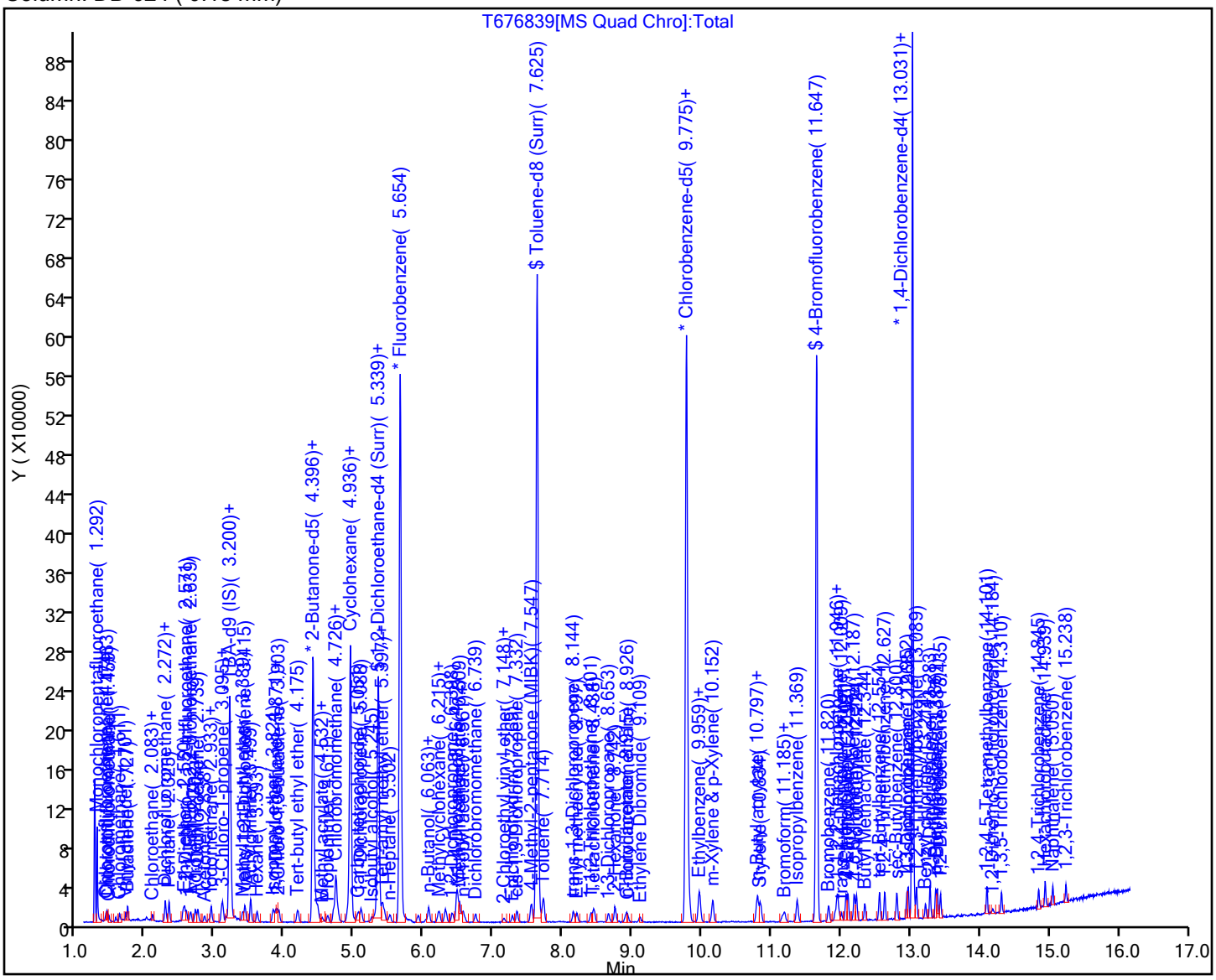
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison

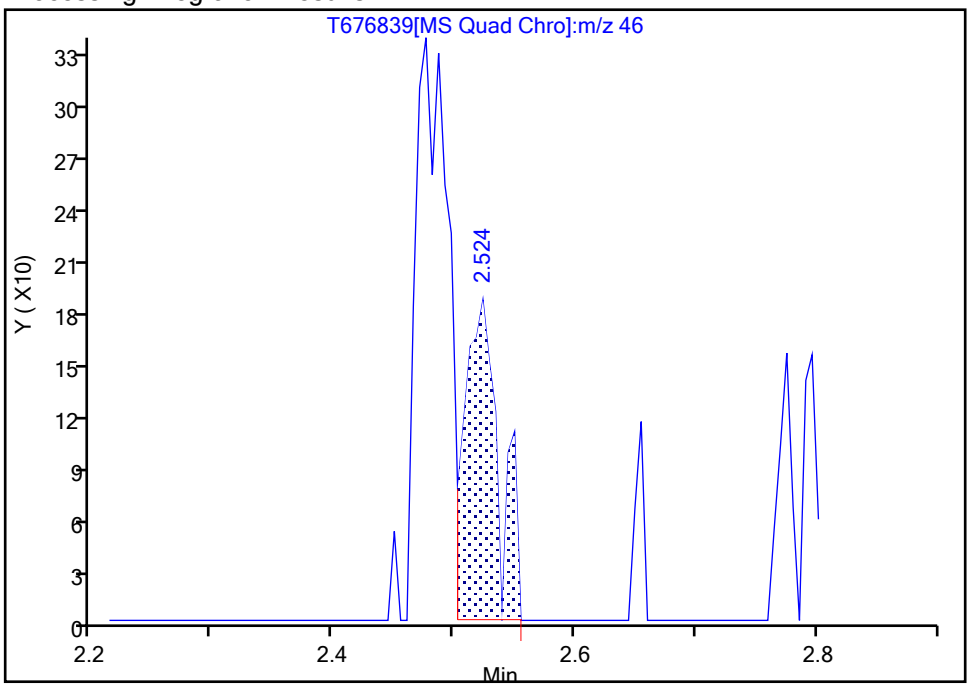
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

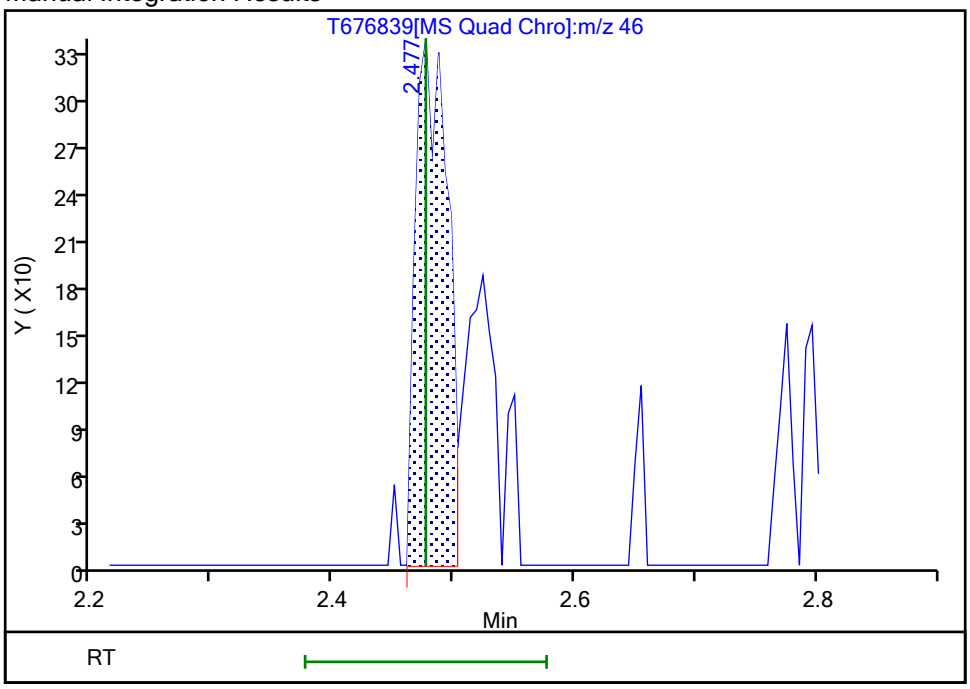
Processing Integration Results

RT: 2.52
Area: 373
Amount: 20.202612
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 623
Amount: 32.735368
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:39:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

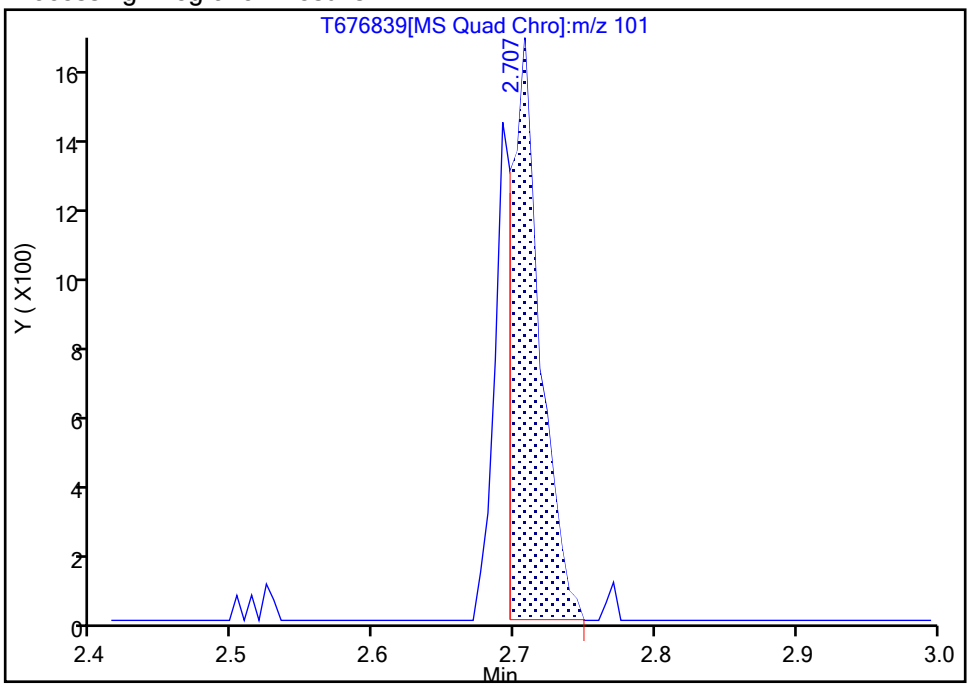
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

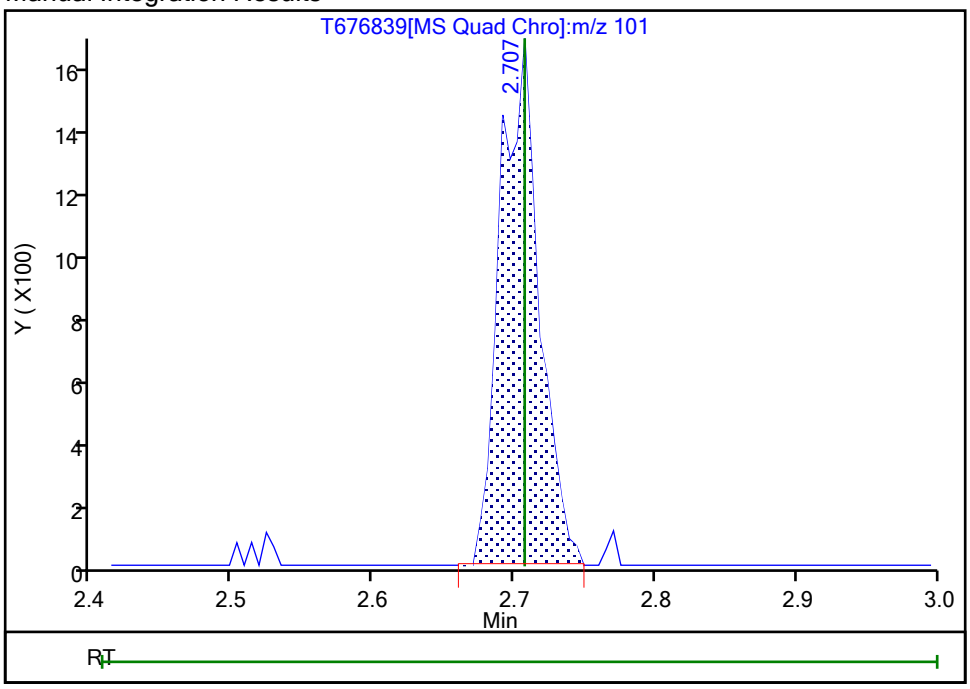
Processing Integration Results

RT: 2.71
Area: 2413
Amount: 0.604230
Amount Units: ug/l



Manual Integration Results

RT: 2.71
Area: 3227
Amount: 0.922885
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:39:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

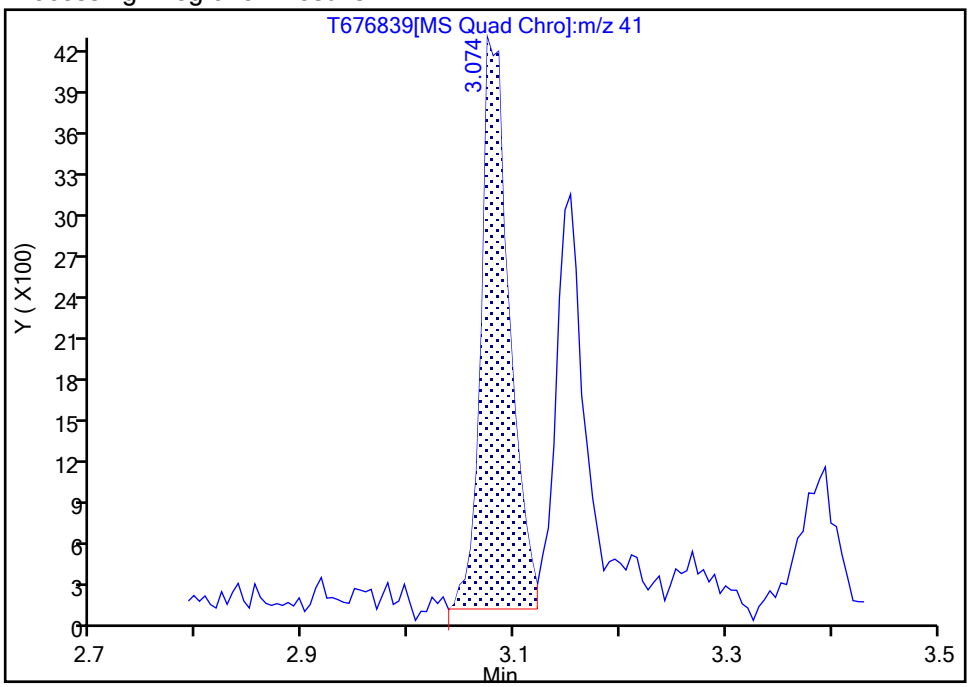
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

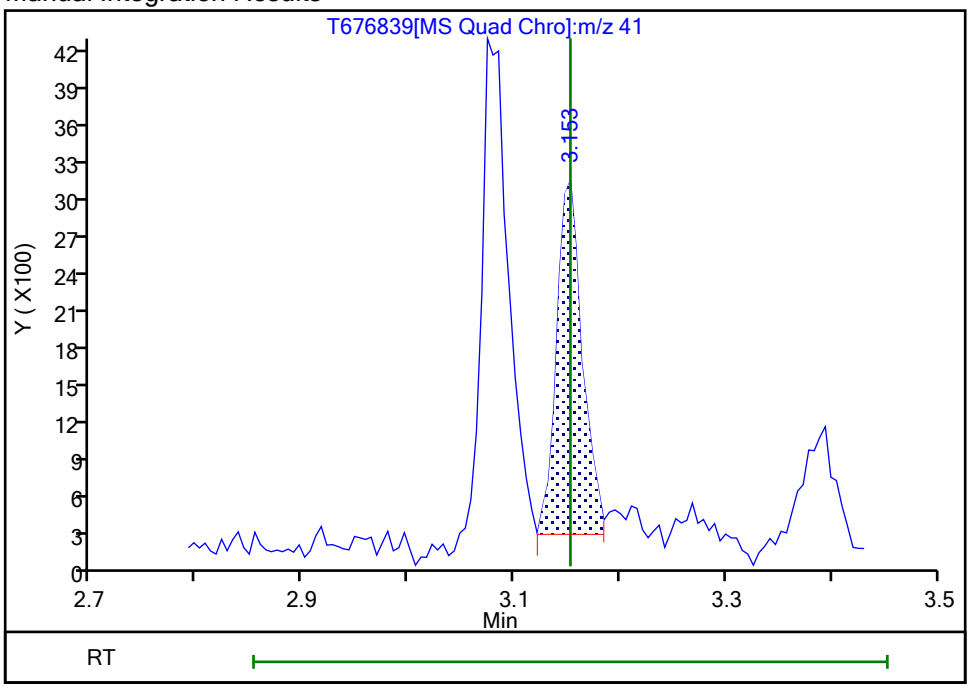
Processing Integration Results

RT: 3.07
Area: 7783
Amount: 20.076512
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 4771
Amount: 10.944425
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:39:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

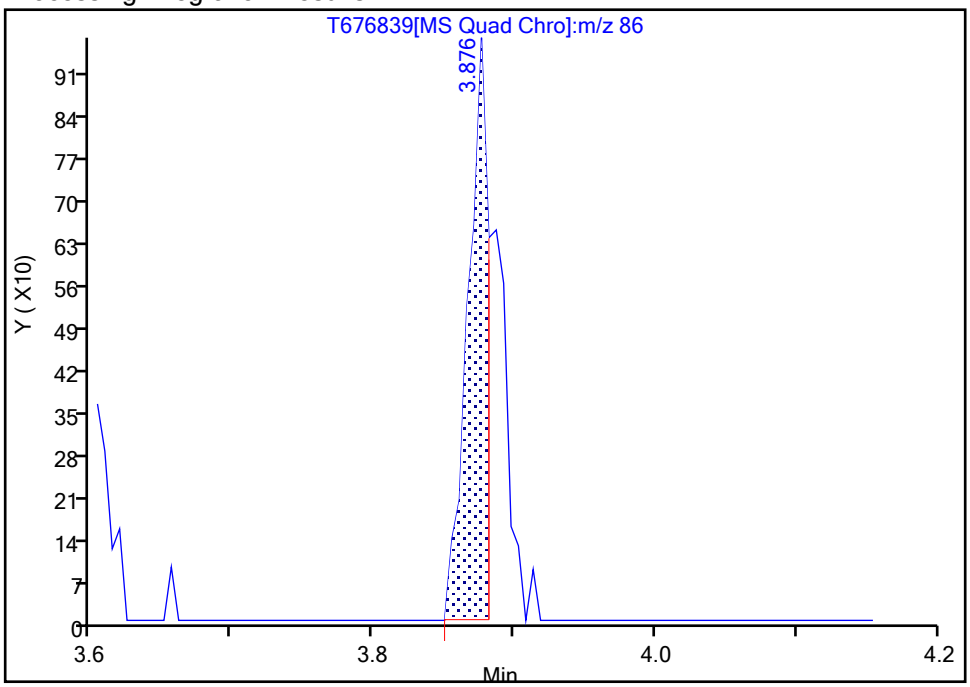
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Signal: 1

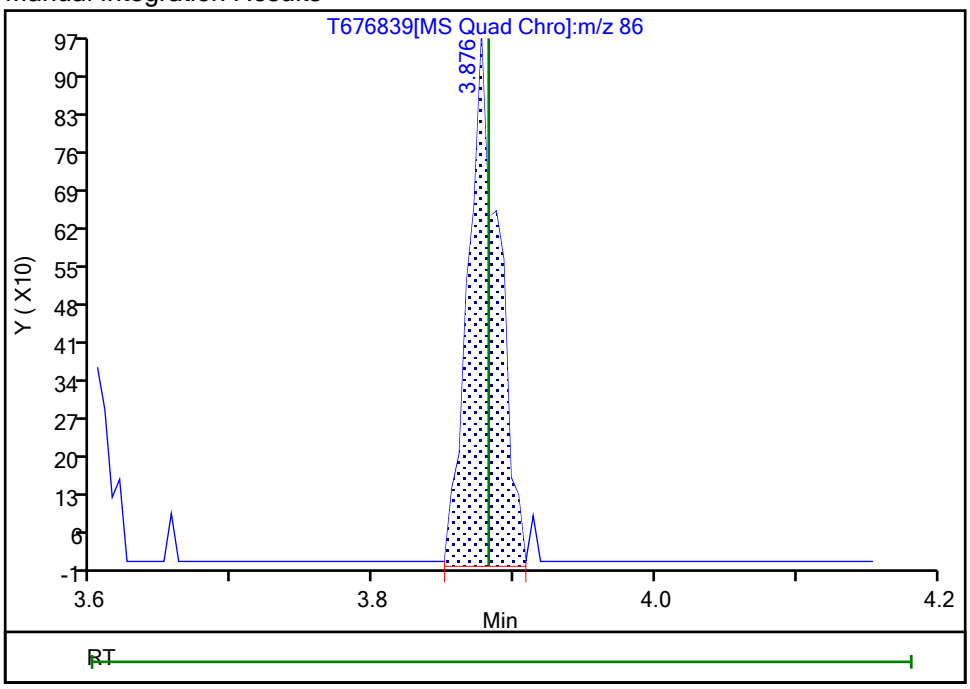
Processing Integration Results

RT: 3.88
Area: 974
Amount: 1.300737
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 1465
Amount: 1.943443
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:39:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

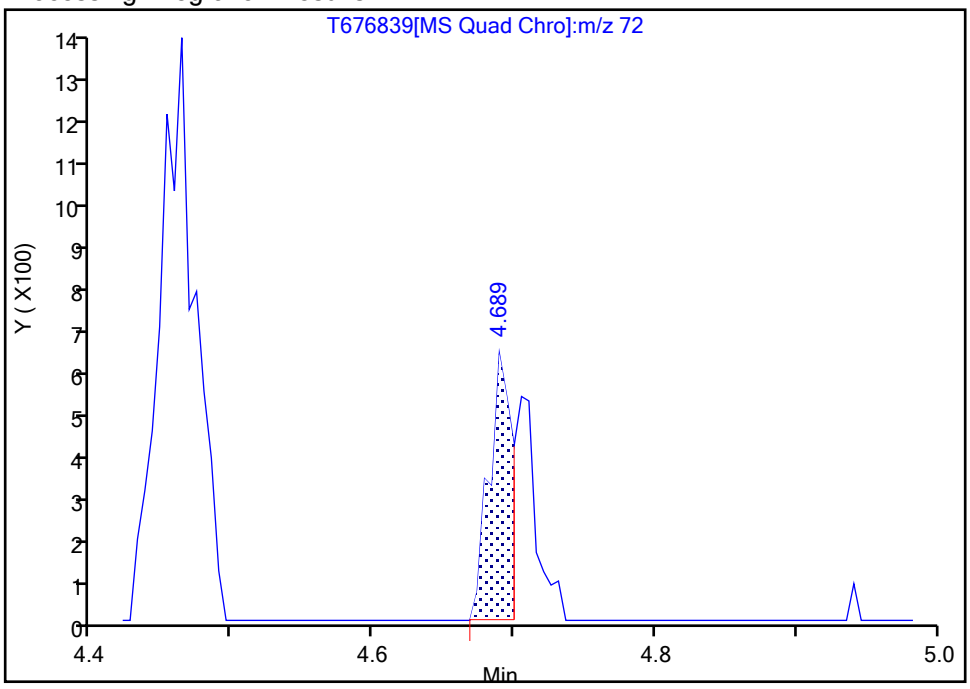
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

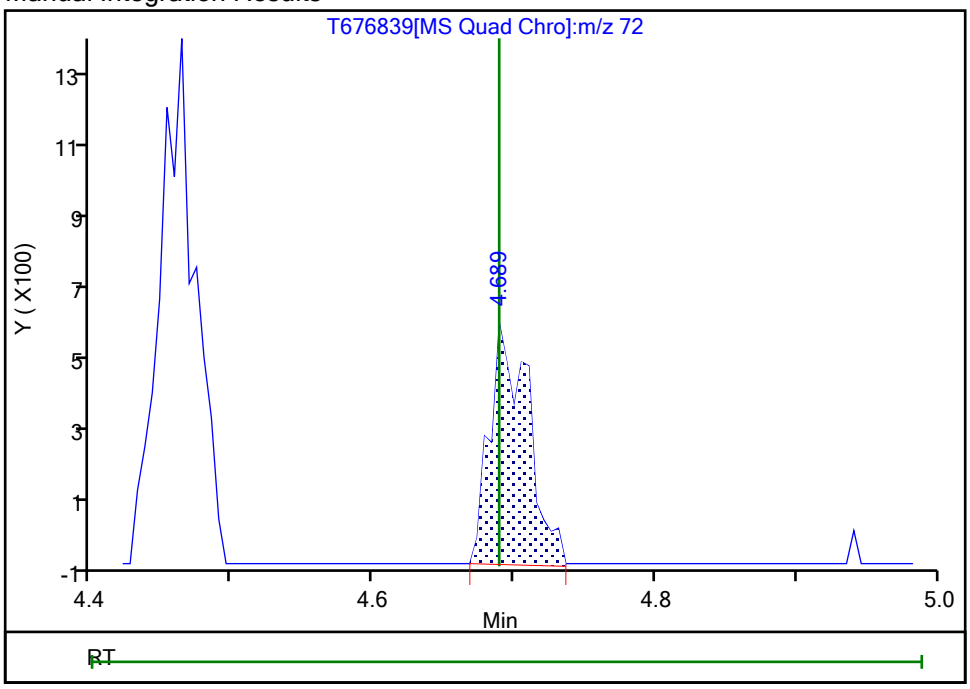
Processing Integration Results

RT: 4.69
Area: 683
Amount: 1.635075
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 1141
Amount: 2.467153
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:40:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

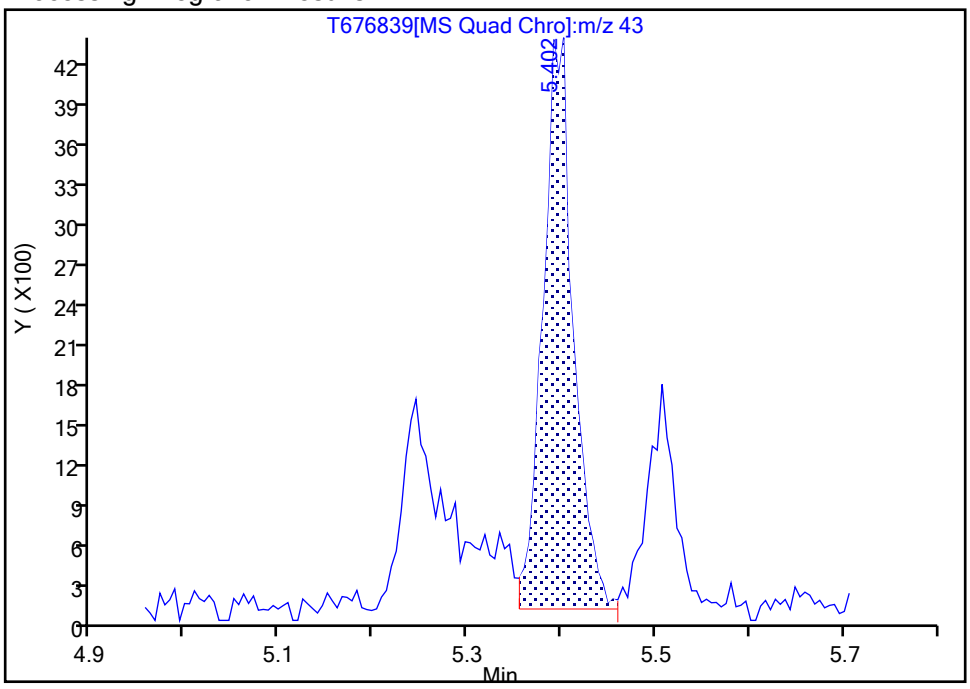
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

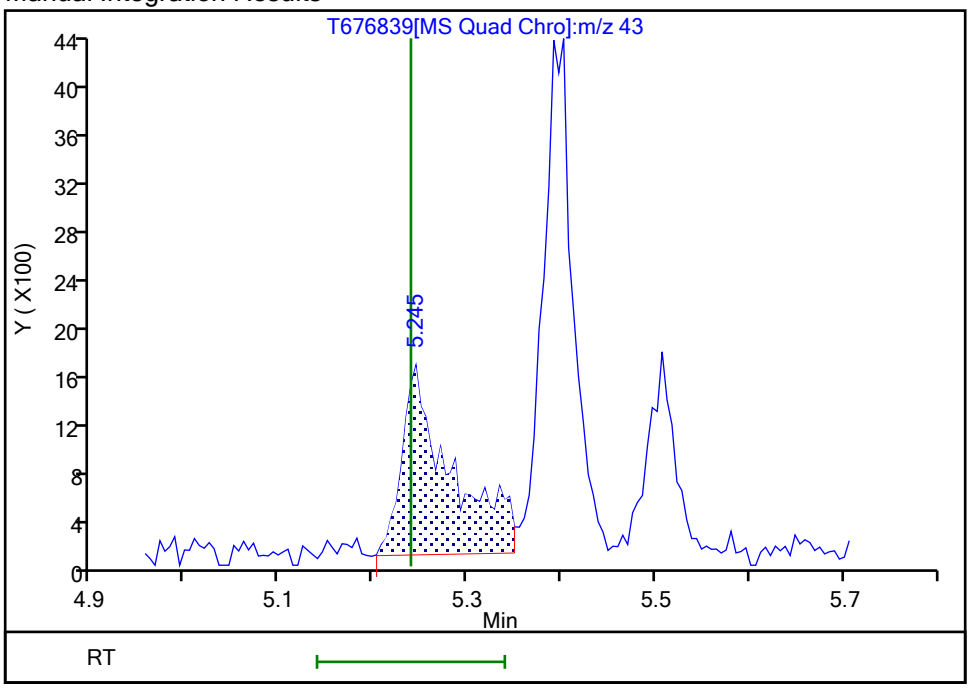
Processing Integration Results

RT: 5.40
Area: 9624
Amount: 38.052399
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 5652
Amount: 25.487699
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 17:44:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

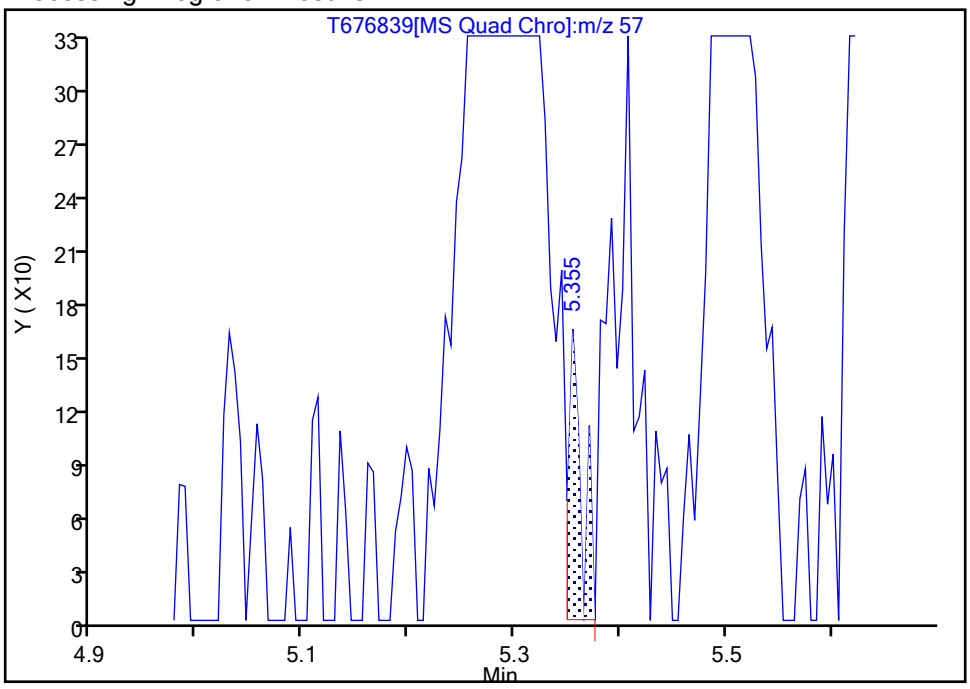
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

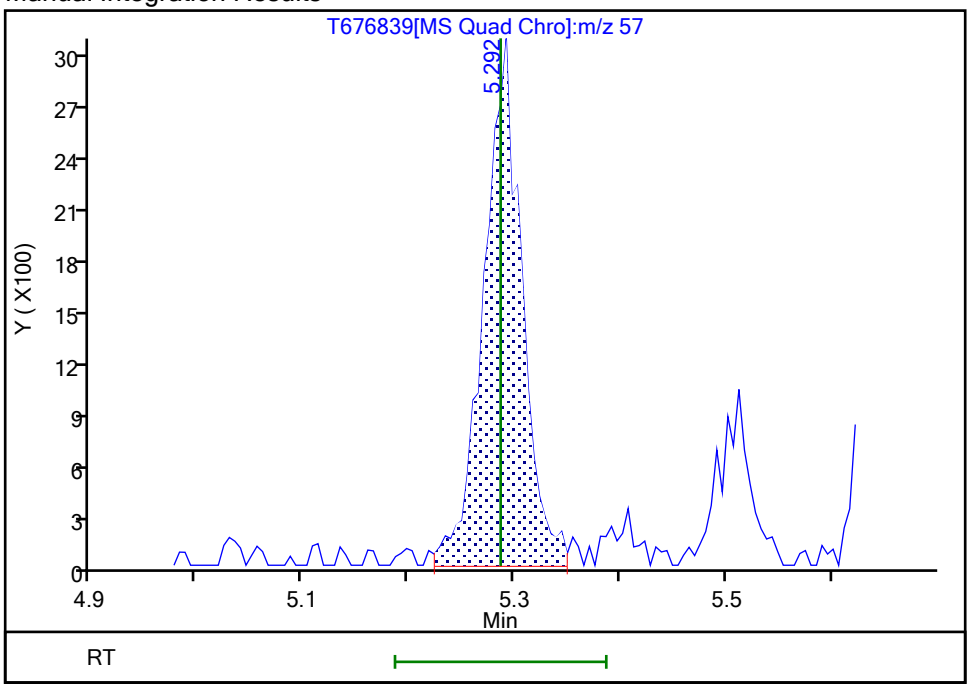
Processing Integration Results

RT: 5.36
Area: 141
Amount: 0.020753
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 7637
Amount: 0.936019
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 12:00:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

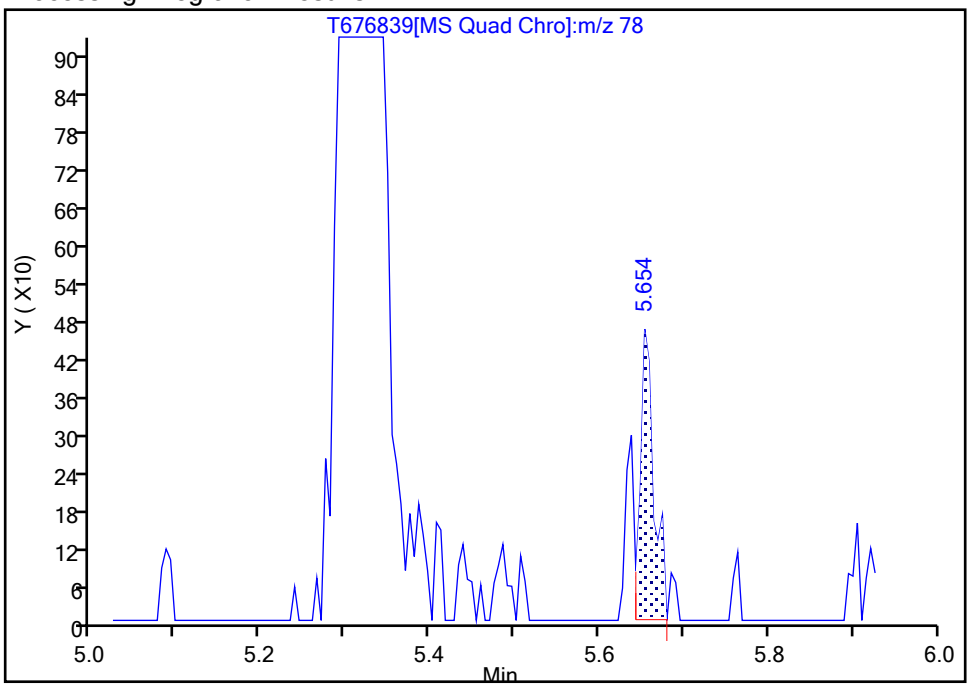
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

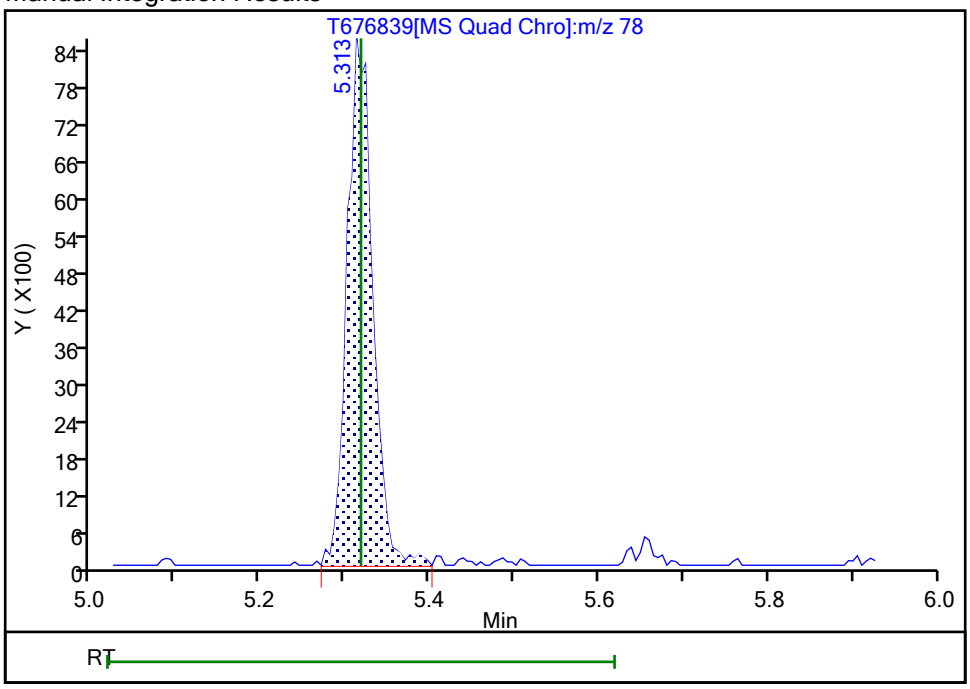
Processing Integration Results

RT: 5.65
Area: 504
Amount: 0.034034
Amount Units: ug/l



Manual Integration Results

RT: 5.31
Area: 17917
Amount: 1.165400
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:40:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

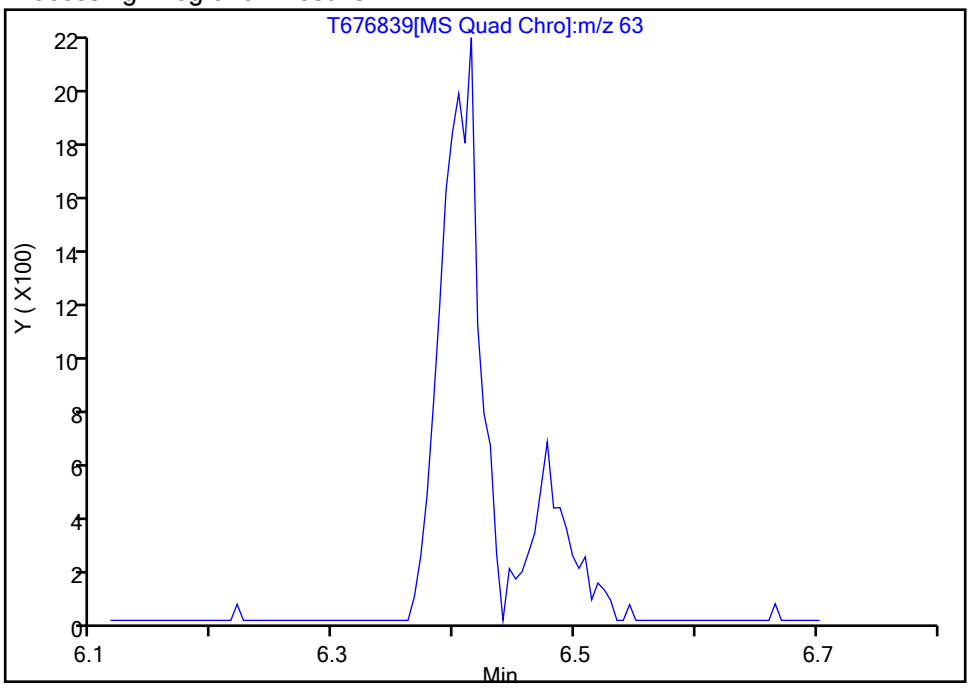
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

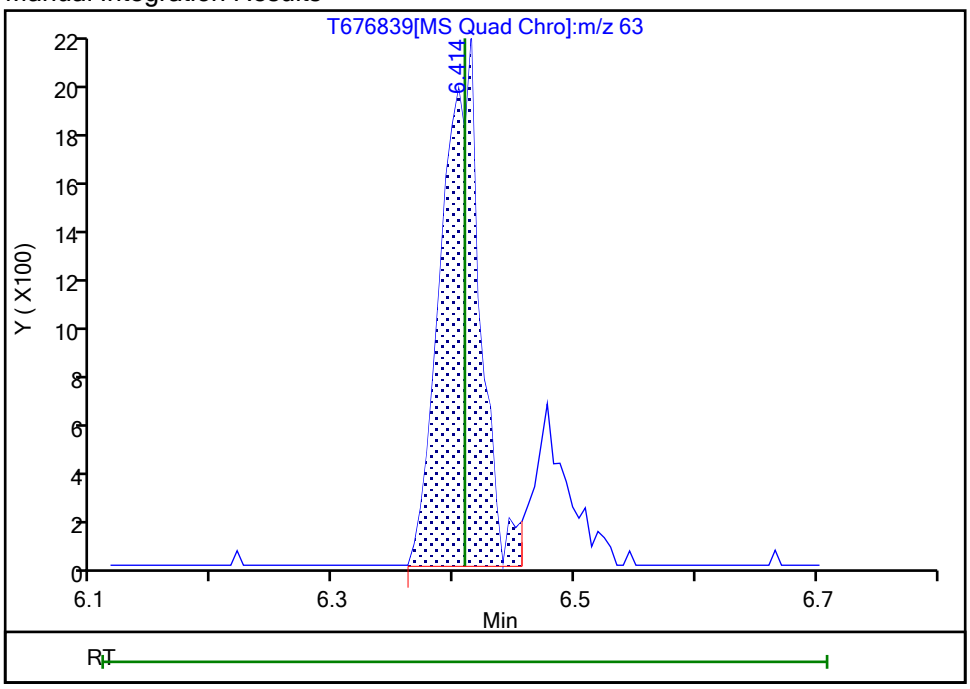
Not Detected
Expected RT: 6.41

Processing Integration Results



Manual Integration Results

RT: 6.41
Area: 4768
Amount: 1.126227
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:40:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

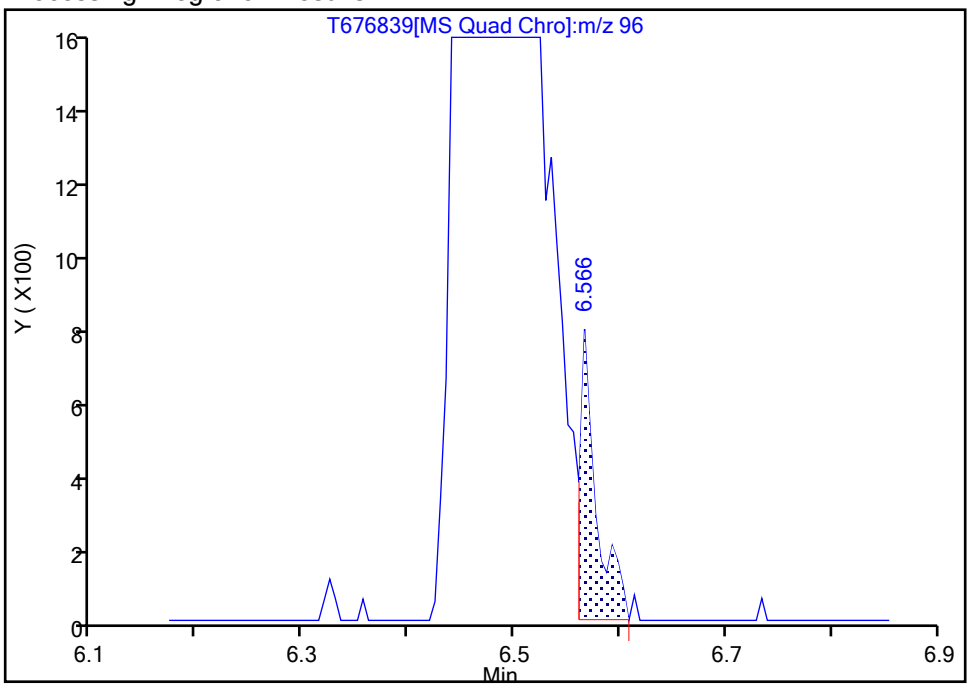
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

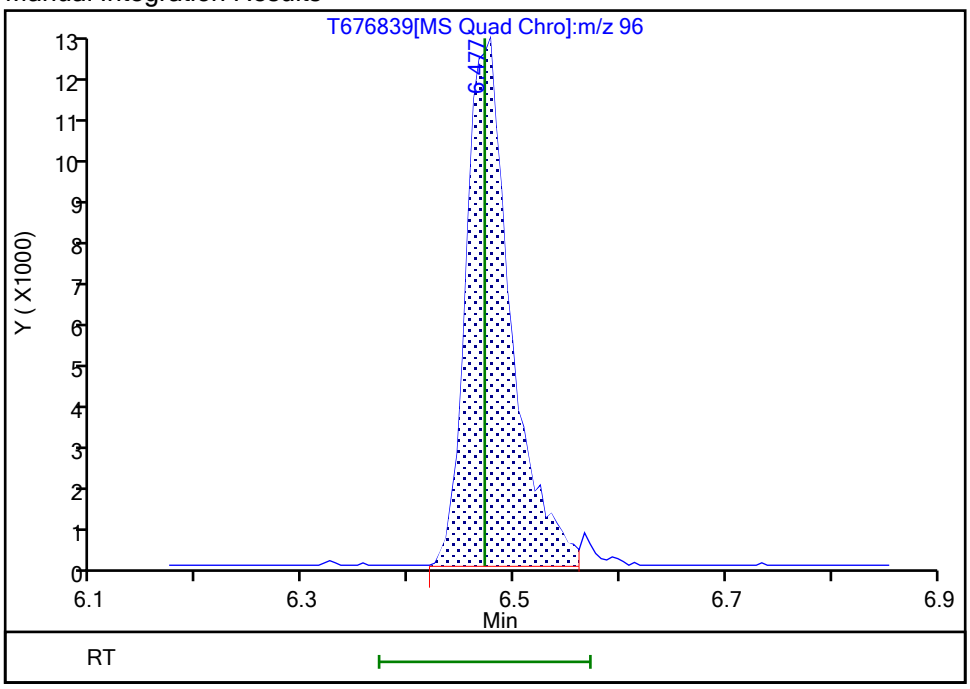
Processing Integration Results

RT: 6.57
Area: 833
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.48
Area: 36536
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:40:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

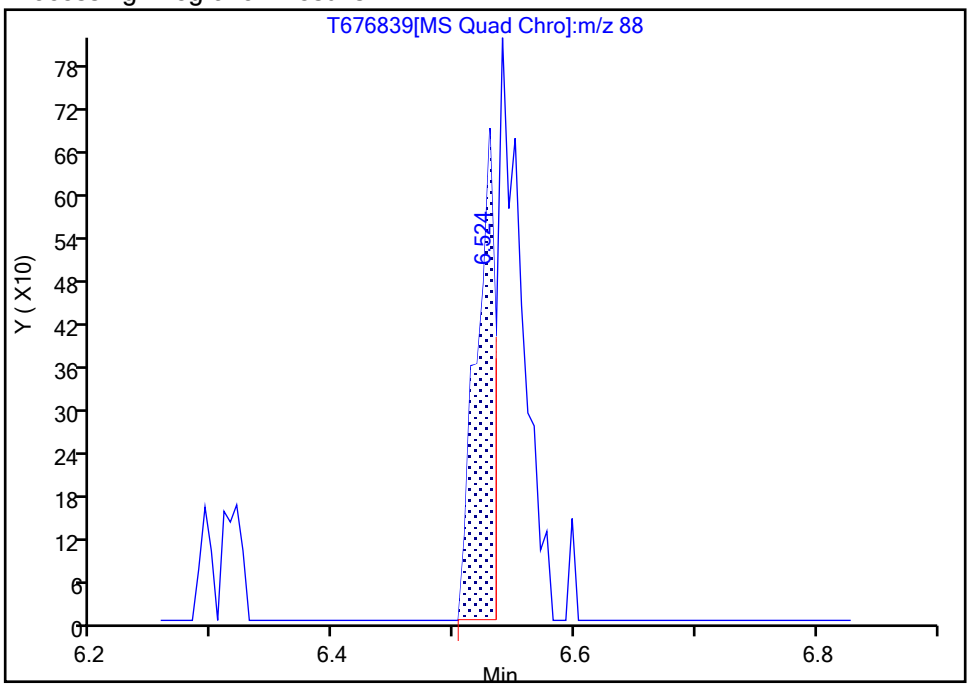
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

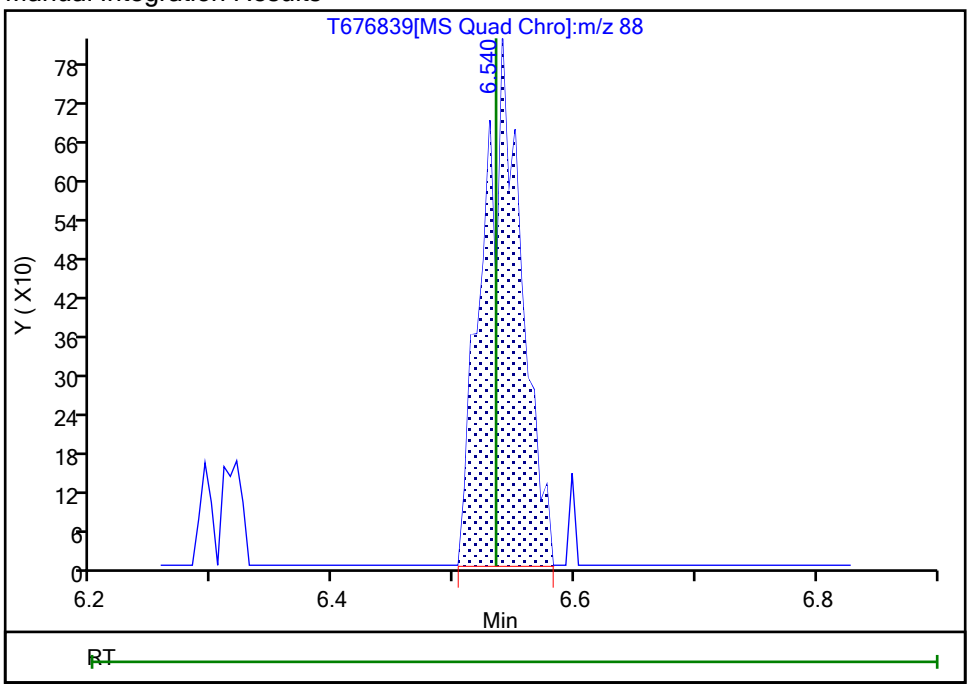
Processing Integration Results

RT: 6.52
Area: 750
Amount: 402.6963
Amount Units: ug/l



Manual Integration Results

RT: 6.54
Area: 1782
Amount: 43.888443
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:40:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

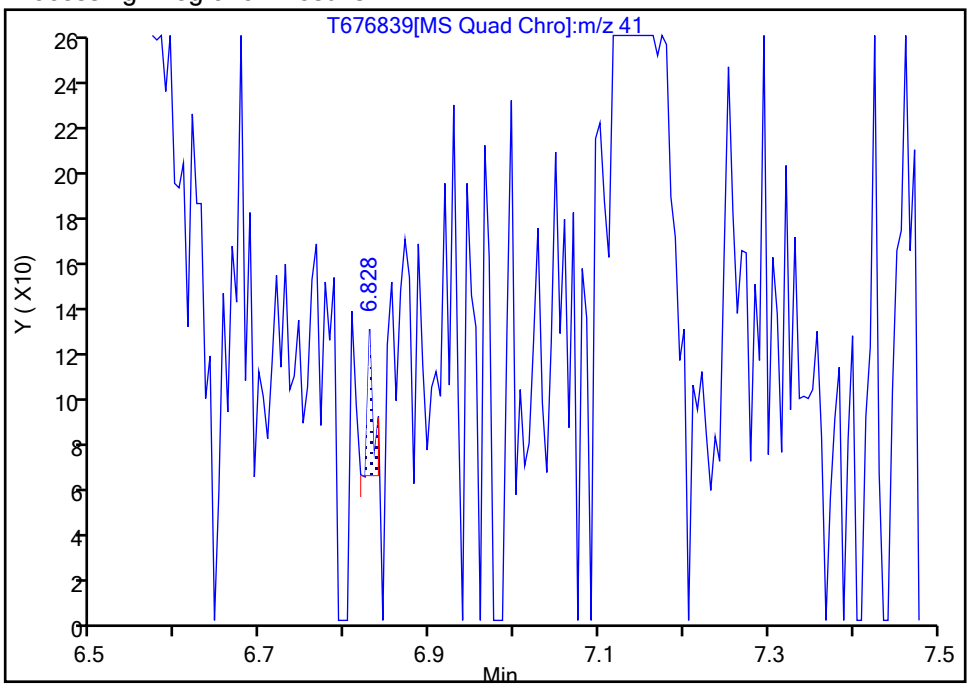
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

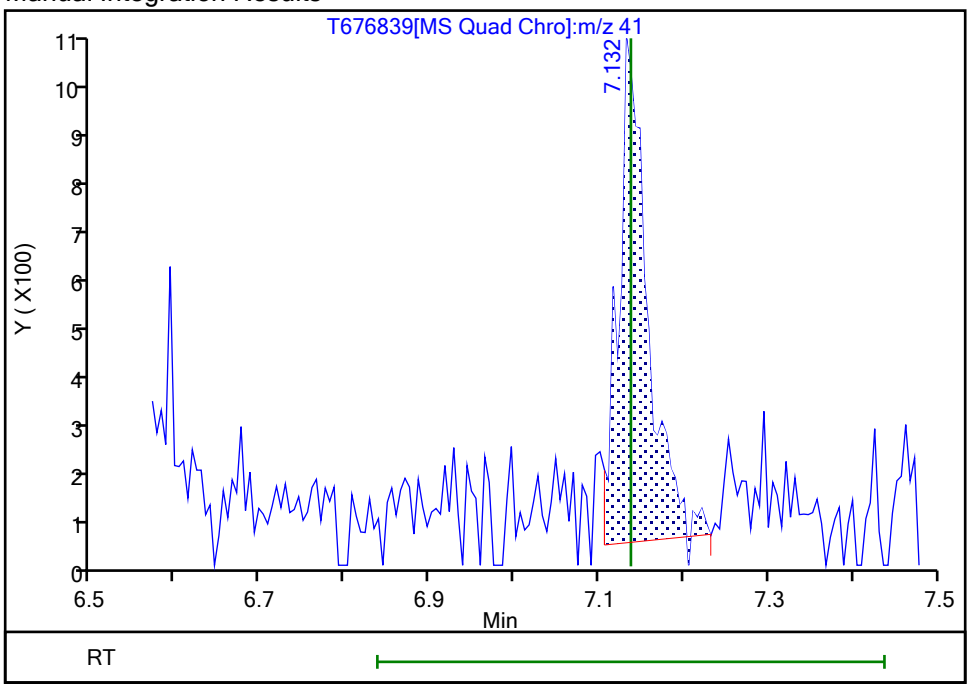
Processing Integration Results

RT: 6.83
Area: 31
Amount: 0.037824
Amount Units: ug/l



Manual Integration Results

RT: 7.13
Area: 2340
Amount: 2.023510
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:41:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

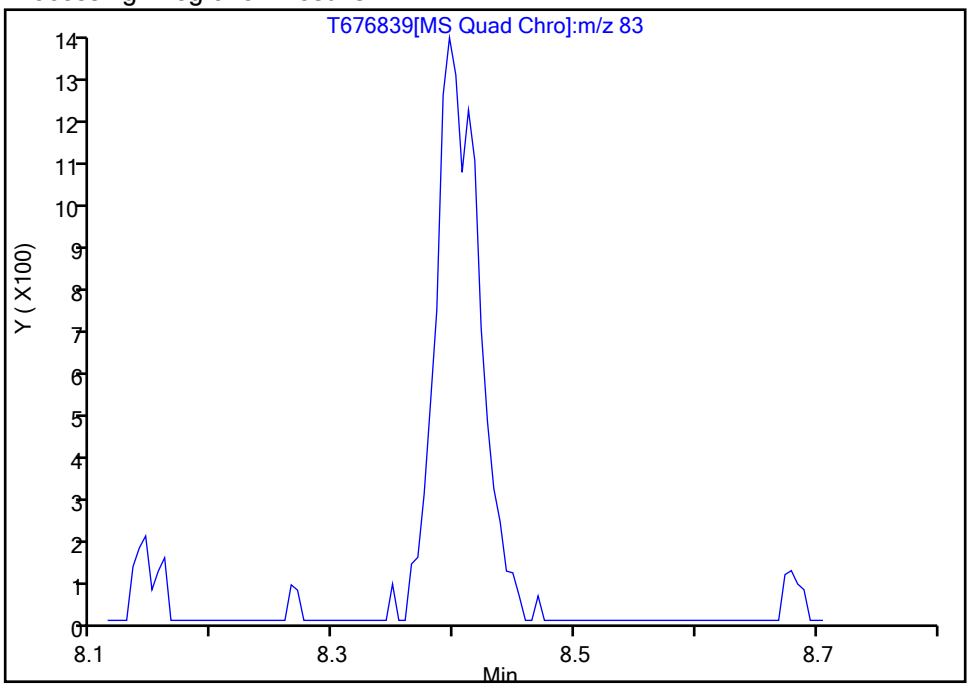
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676839.D
Injection Date: 21-Apr-2024 15:36:34 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

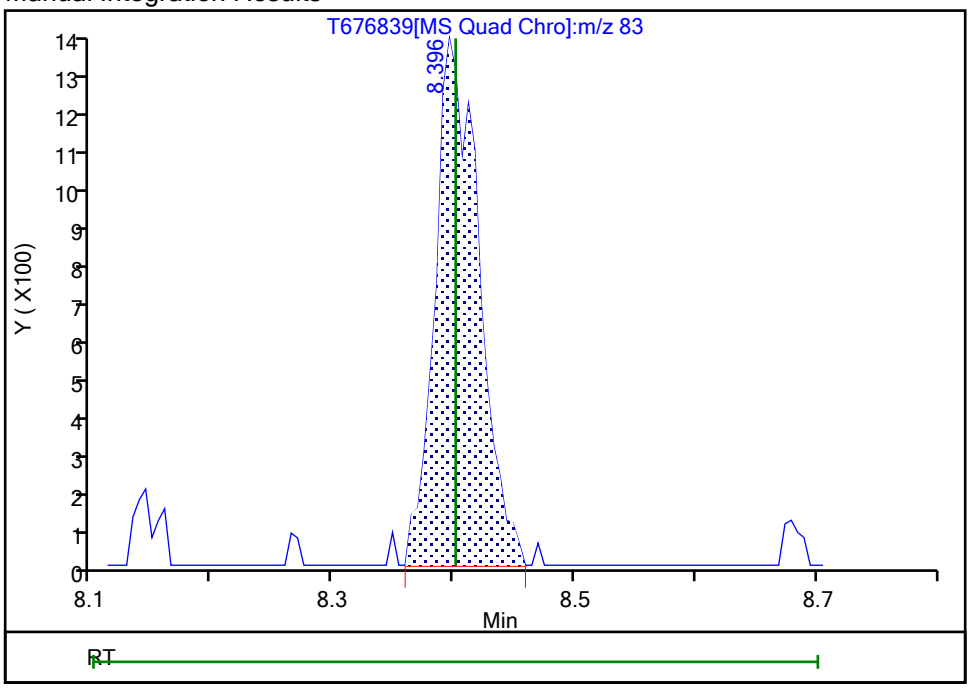
Not Detected
Expected RT: 8.40

Processing Integration Results



Manual Integration Results

RT: 8.40
Area: 3322
Amount: 1.059240
Amount Units: ug/l



Reviewer: FK2C, 22-Apr-2024 11:41:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

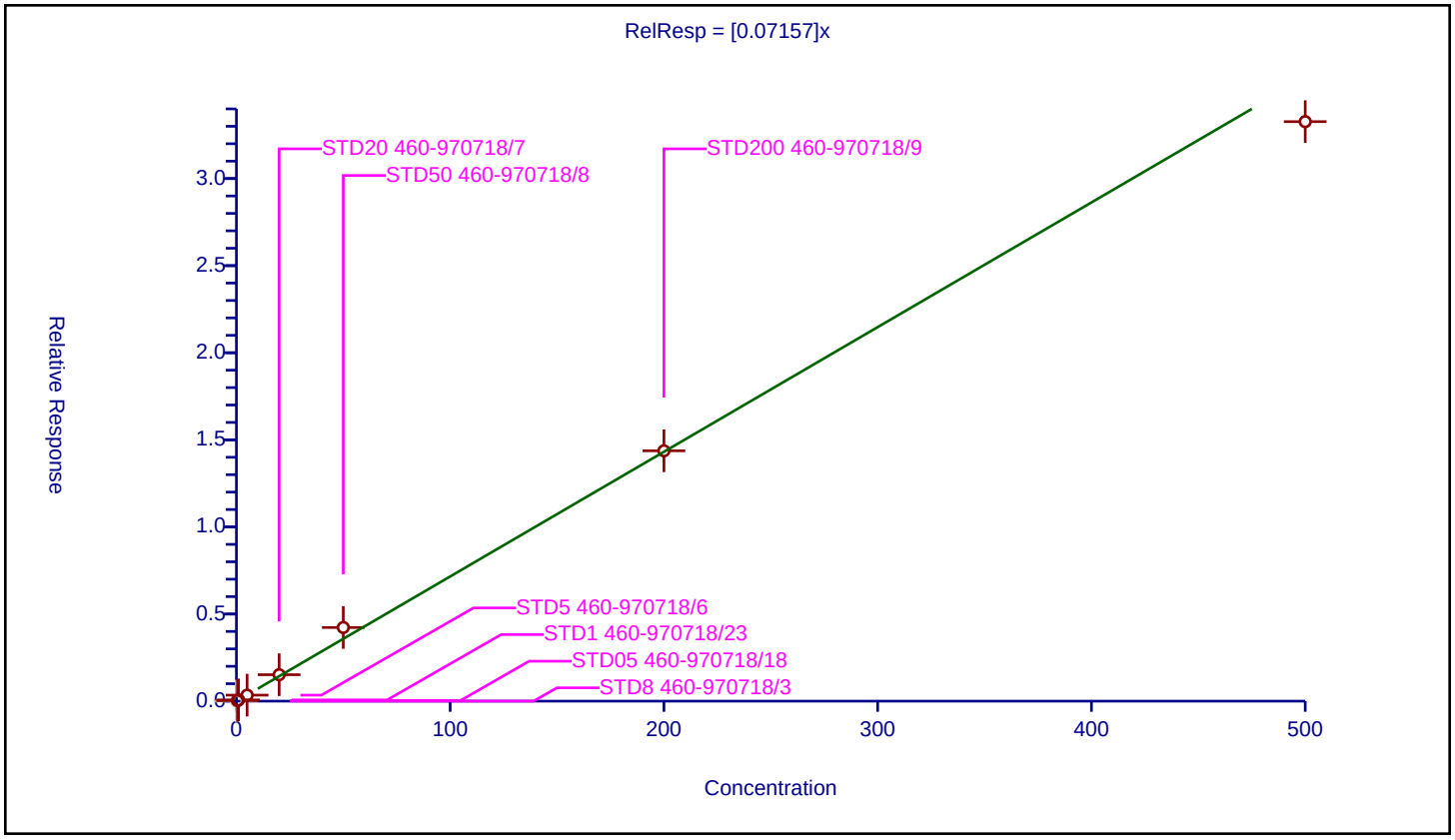
Curve Coefficients

Intercept:	0
Slope:	0.07157

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.031818	50.0	548431.0	0.063636	Y
3	STD1 460-970718/23	1.0	0.069706	50.0	565235.0	0.069706	Y
4	STD5 460-970718/6	5.0	0.344123	50.0	408720.0	0.068825	Y
5	STD20 460-970718/7	20.0	1.517484	50.0	520862.0	0.075874	Y
6	STD50 460-970718/8	50.0	4.228577	50.0	488746.0	0.084572	Y
7	STD200 460-970718/9	200.0	14.371585	50.0	479206.0	0.071858	Y
8	STD500 460-970718/10	500.0	33.267755	50.0	456705.0	0.066536	Y



5/24/2024
11:47:36 AM

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

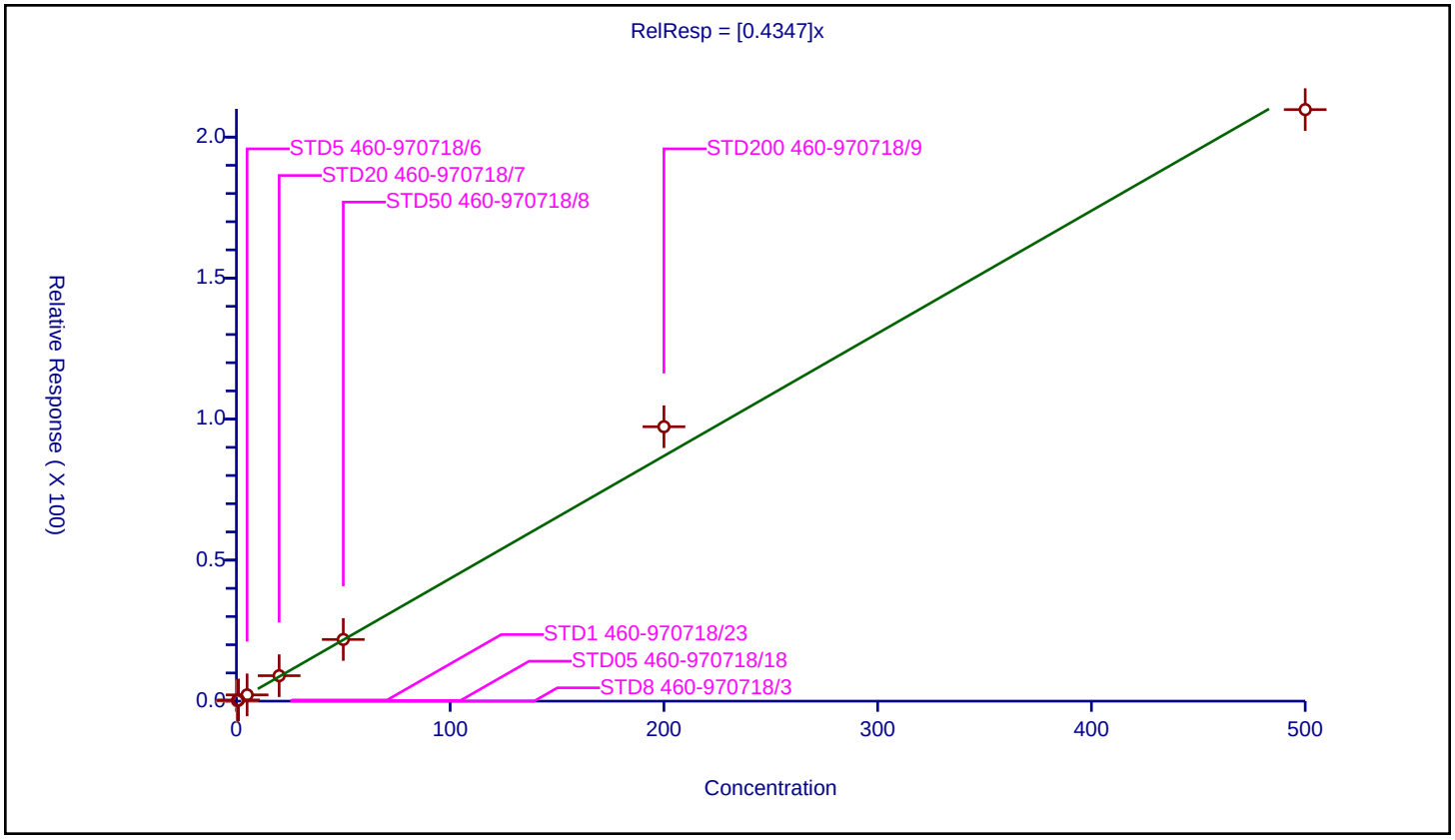
Curve Coefficients

Intercept:	0
Slope:	0.4347

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.19884	50.0	548431.0	0.39768	Y
3	STD1 460-970718/23	1.0	0.406645	50.0	565235.0	0.406645	Y
4	STD5 460-970718/6	5.0	2.22157	50.0	408720.0	0.444314	Y
5	STD20 460-970718/7	20.0	9.021583	50.0	520862.0	0.451079	Y
6	STD50 460-970718/8	50.0	21.863504	50.0	488746.0	0.43727	Y
7	STD200 460-970718/9	200.0	97.306795	50.0	479206.0	0.486534	Y
8	STD500 460-970718/10	500.0	209.743379	50.0	456705.0	0.419487	Y



5/24/2024
11:47:36 AM

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

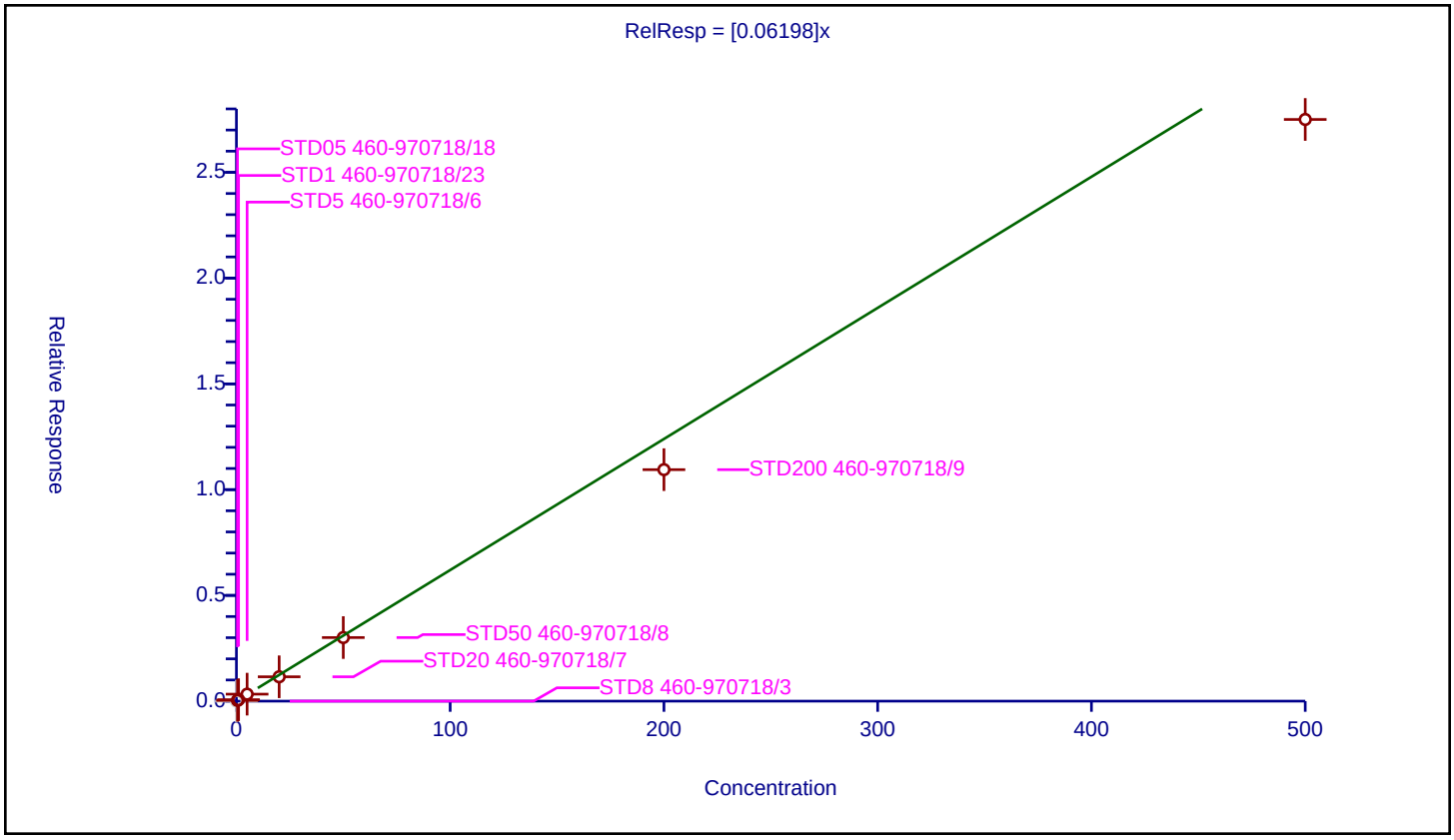
Curve Coefficients

Intercept:	0
Slope:	0.06198

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.036285	50.0	548431.0	0.072571	Y
3	STD1 460-970718/23	1.0	0.067671	50.0	565235.0	0.067671	Y
4	STD5 460-970718/6	5.0	0.330789	50.0	408720.0	0.066158	Y
5	STD20 460-970718/7	20.0	1.151841	50.0	520862.0	0.057592	Y
6	STD50 460-970718/8	50.0	3.005753	50.0	488746.0	0.060115	Y
7	STD200 460-970718/9	200.0	10.944771	50.0	479206.0	0.054724	Y
8	STD500 460-970718/10	500.0	27.499699	50.0	456705.0	0.054999	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

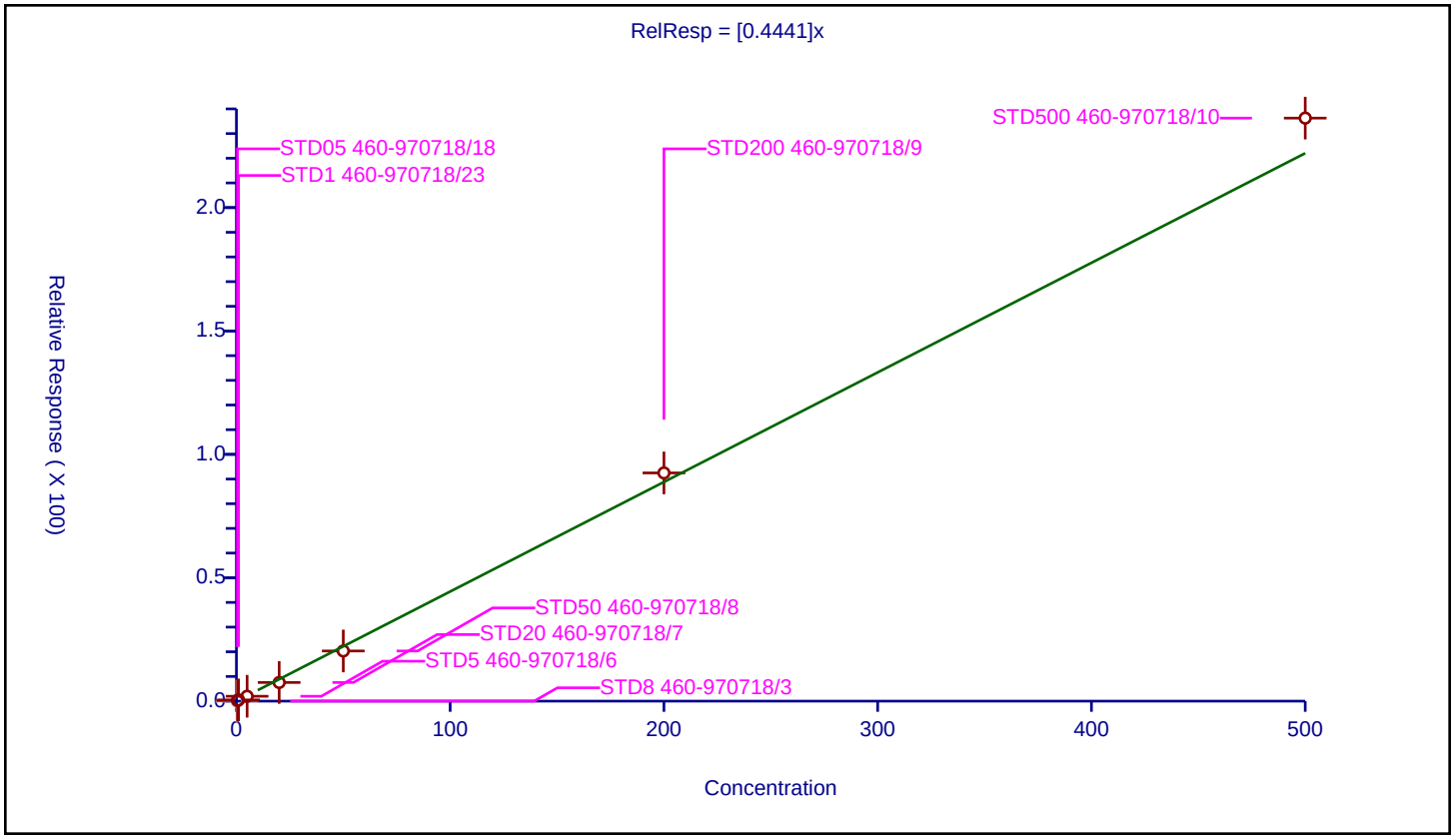
Curve Coefficients

Intercept:	0
Slope:	0.4441

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.25263	50.0	548431.0	0.50526	Y
3	STD1 460-970718/23	1.0	0.487143	50.0	565235.0	0.487143	Y
4	STD5 460-970718/6	5.0	1.982775	50.0	408720.0	0.396555	Y
5	STD20 460-970718/7	20.0	7.558144	50.0	520862.0	0.377907	Y
6	STD50 460-970718/8	50.0	20.331727	50.0	488746.0	0.406635	Y
7	STD200 460-970718/9	200.0	92.475052	50.0	479206.0	0.462375	Y
8	STD500 460-970718/10	500.0	236.270897	50.0	456705.0	0.472542	Y



5/24/2024
11:47:36 AM

Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

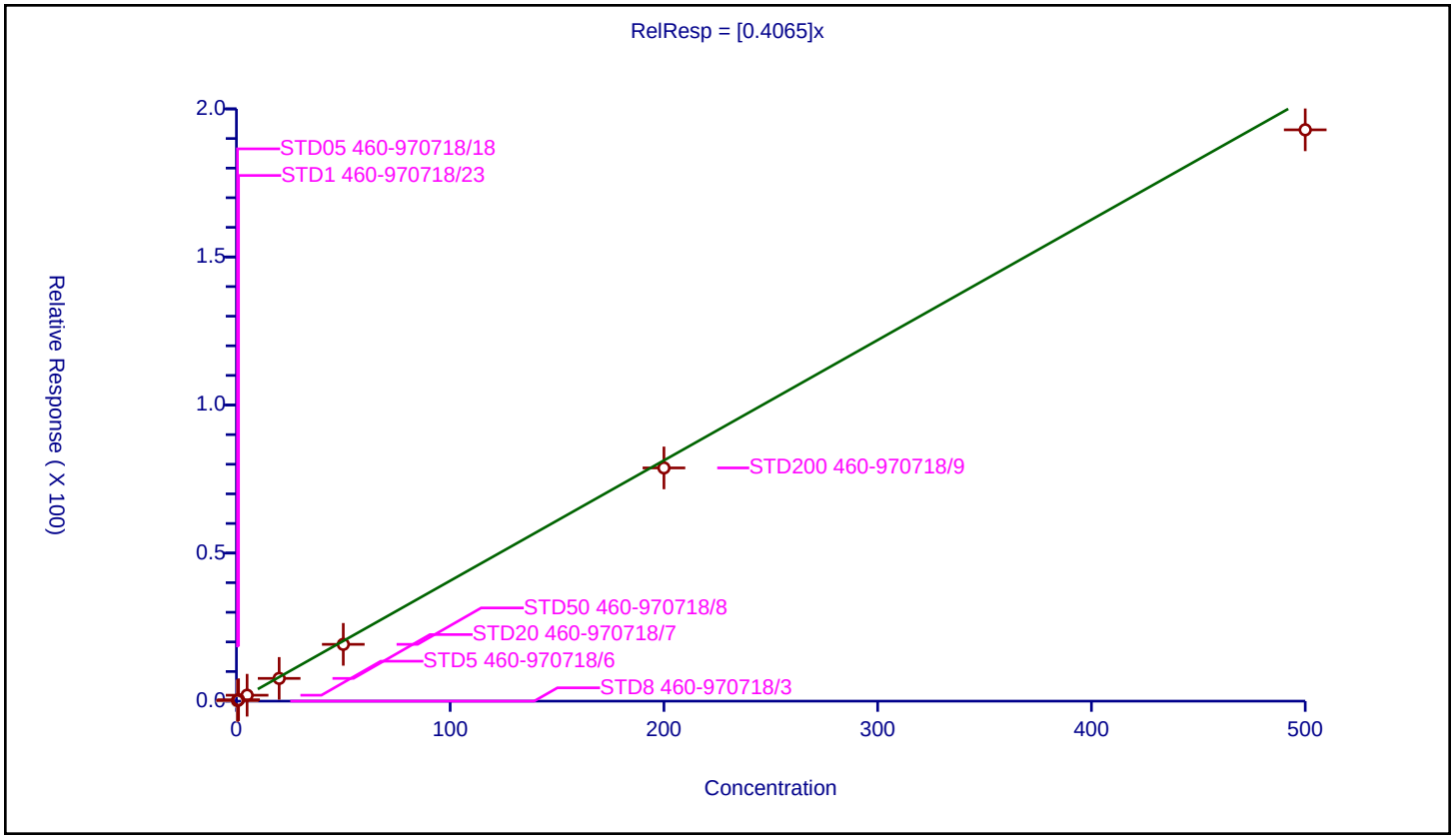
Curve Coefficients

Intercept:	0
Slope:	0.4065

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.21443	50.0	548431.0	0.42886	Y
3	STD1 460-970718/23	1.0	0.468832	50.0	565235.0	0.468832	Y
4	STD5 460-970718/6	5.0	2.002349	50.0	408720.0	0.40047	Y
5	STD20 460-970718/7	20.0	7.677561	50.0	520862.0	0.383878	Y
6	STD50 460-970718/8	50.0	19.178878	50.0	488746.0	0.383578	Y
7	STD200 460-970718/9	200.0	78.753814	50.0	479206.0	0.393769	Y
8	STD500 460-970718/10	500.0	192.927163	50.0	456705.0	0.385854	Y



5/24/2024
11:47:36 AM

Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

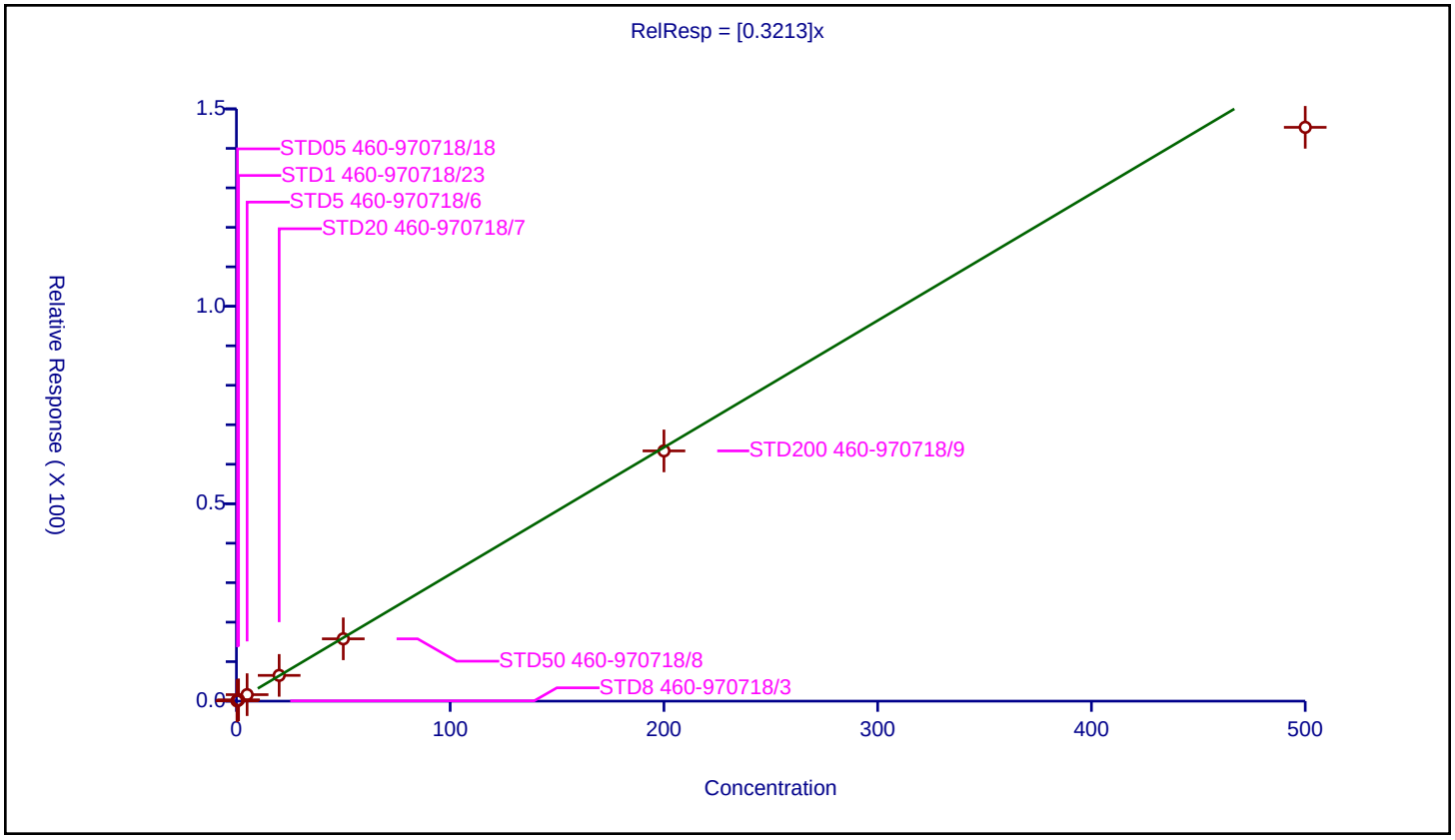
Curve Coefficients

Intercept:	0
Slope:	0.3213

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.076021	50.0	472235.0	0.304086	Y
2	STD05 460-970718/18	0.5	0.181062	50.0	548431.0	0.362124	Y
3	STD1 460-970718/23	1.0	0.326236	50.0	565235.0	0.326236	Y
4	STD5 460-970718/6	5.0	1.643546	50.0	408720.0	0.328709	Y
5	STD20 460-970718/7	20.0	6.520537	50.0	520862.0	0.326027	Y
6	STD50 460-970718/8	50.0	15.784682	50.0	488746.0	0.315694	Y
7	STD200 460-970718/9	200.0	63.381406	50.0	479206.0	0.316907	Y
8	STD500 460-970718/10	500.0	145.329918	50.0	456705.0	0.29066	Y



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Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

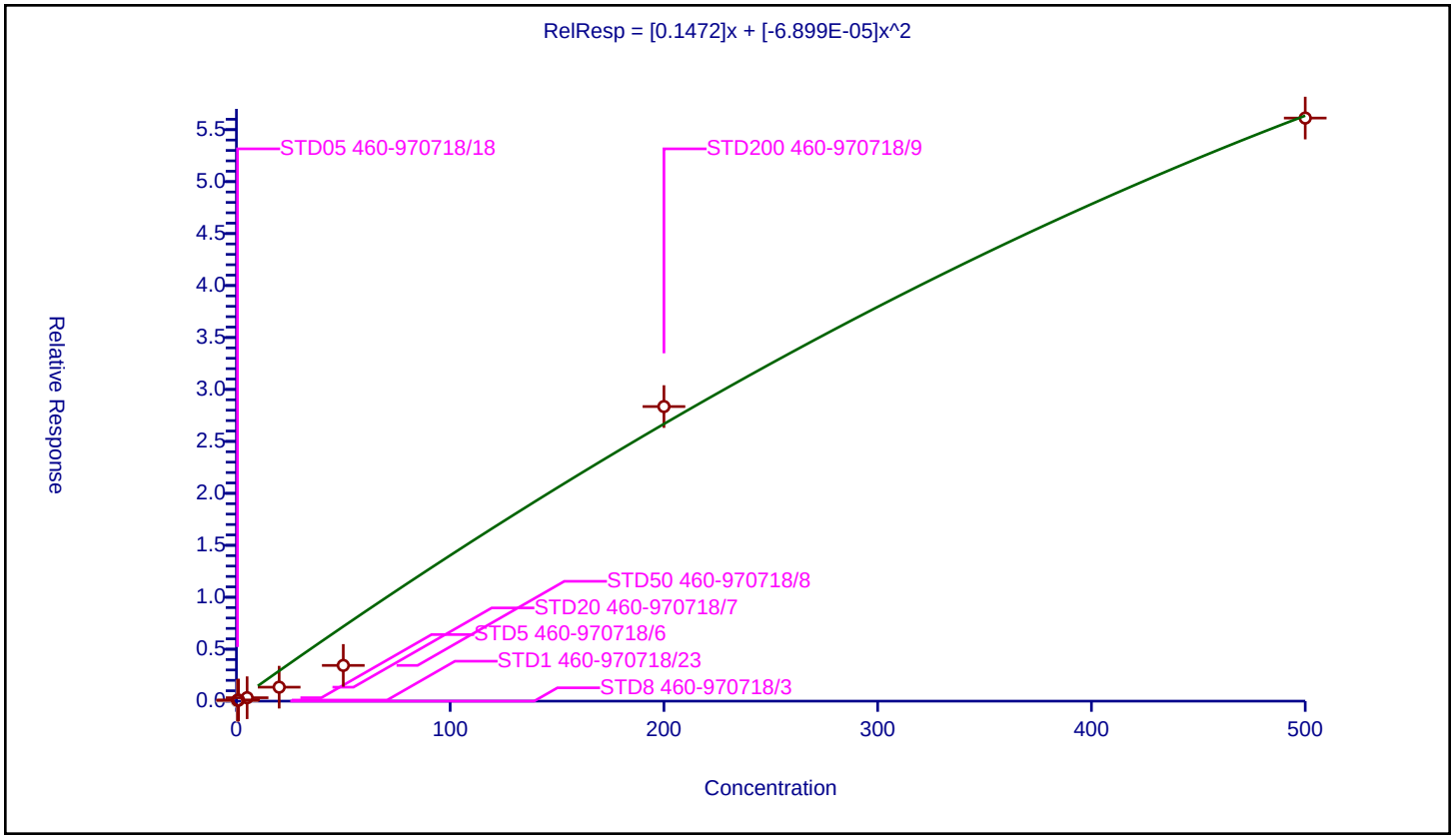
Curve Coefficients

Intercept:	0
Slope:	0.1472
Second Order:	-6.899E-05

Error Coefficients

Relative Standard Deviation:	44.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.083967	50.0	548431.0	0.167934	Y
3	STD1 460-970718/23	1.0	0.105001	50.0	565235.0	0.105001	Y
4	STD5 460-970718/6	5.0	0.329321	50.0	408720.0	0.065864	Y
5	STD20 460-970718/7	20.0	1.344502	50.0	520862.0	0.067225	Y
6	STD50 460-970718/8	50.0	3.437982	50.0	488746.0	0.06876	Y
7	STD200 460-970718/9	200.0	28.352629	50.0	479206.0	0.141763	Y
8	STD500 460-970718/10	500.0	56.11872	50.0	456705.0	0.112237	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

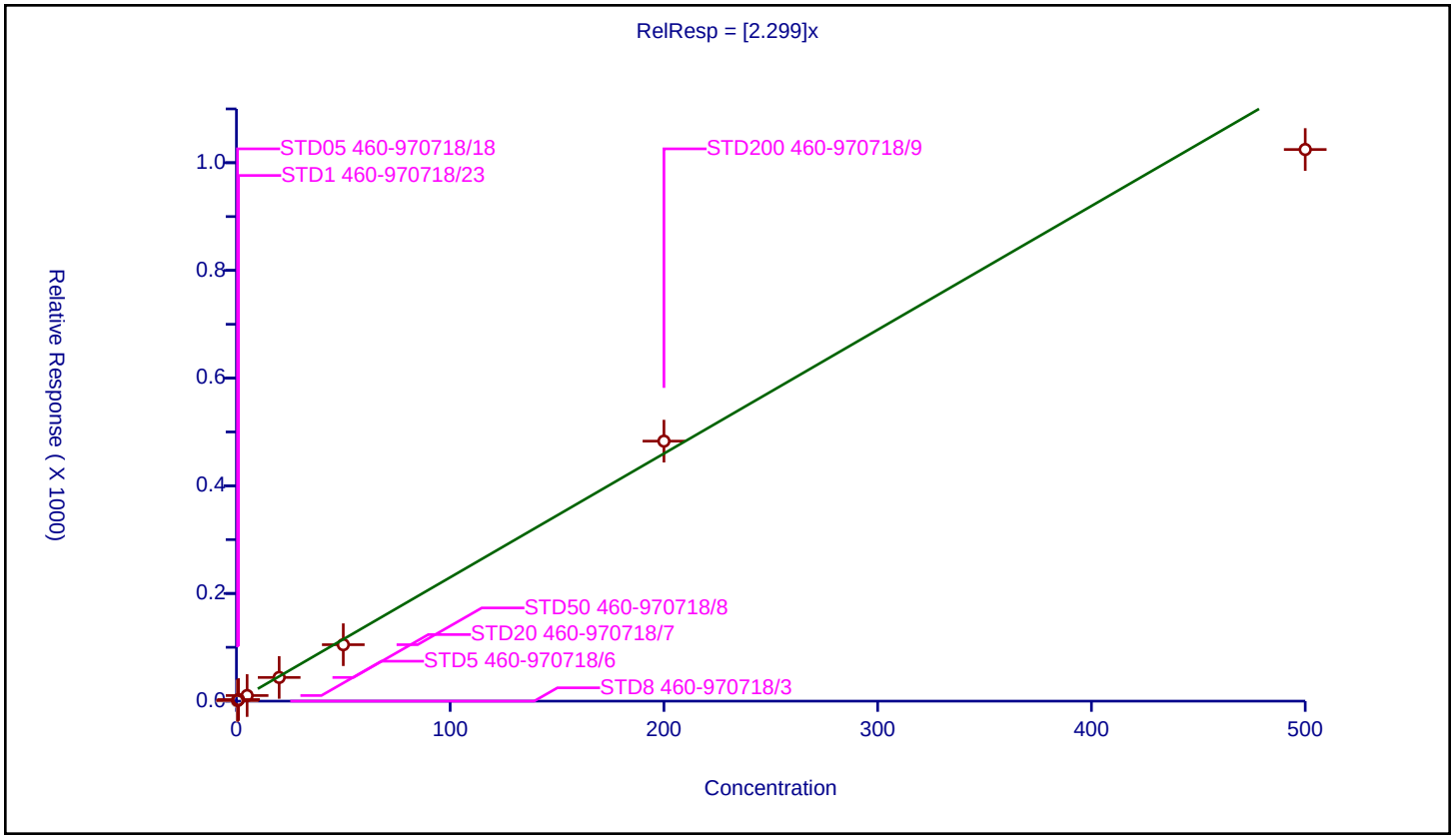
Curve Coefficients

Intercept:	0
Slope:	2.299

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	250.0	228518.0	0.0	N
2	STD05 460-970718/18	0.5	1.167868	250.0	320884.0	2.335735	Y
3	STD1 460-970718/23	1.0	2.920859	250.0	321224.0	2.920859	Y
4	STD5 460-970718/6	5.0	10.388335	250.0	252591.0	2.077667	Y
5	STD20 460-970718/7	20.0	43.999732	250.0	298820.0	2.199987	Y
6	STD50 460-970718/8	50.0	104.841709	250.0	284982.0	2.096834	Y
7	STD200 460-970718/9	200.0	482.912531	250.0	243424.0	2.414563	Y
8	STD500 460-970718/10	500.0	1024.574794	250.0	226655.0	2.04915	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

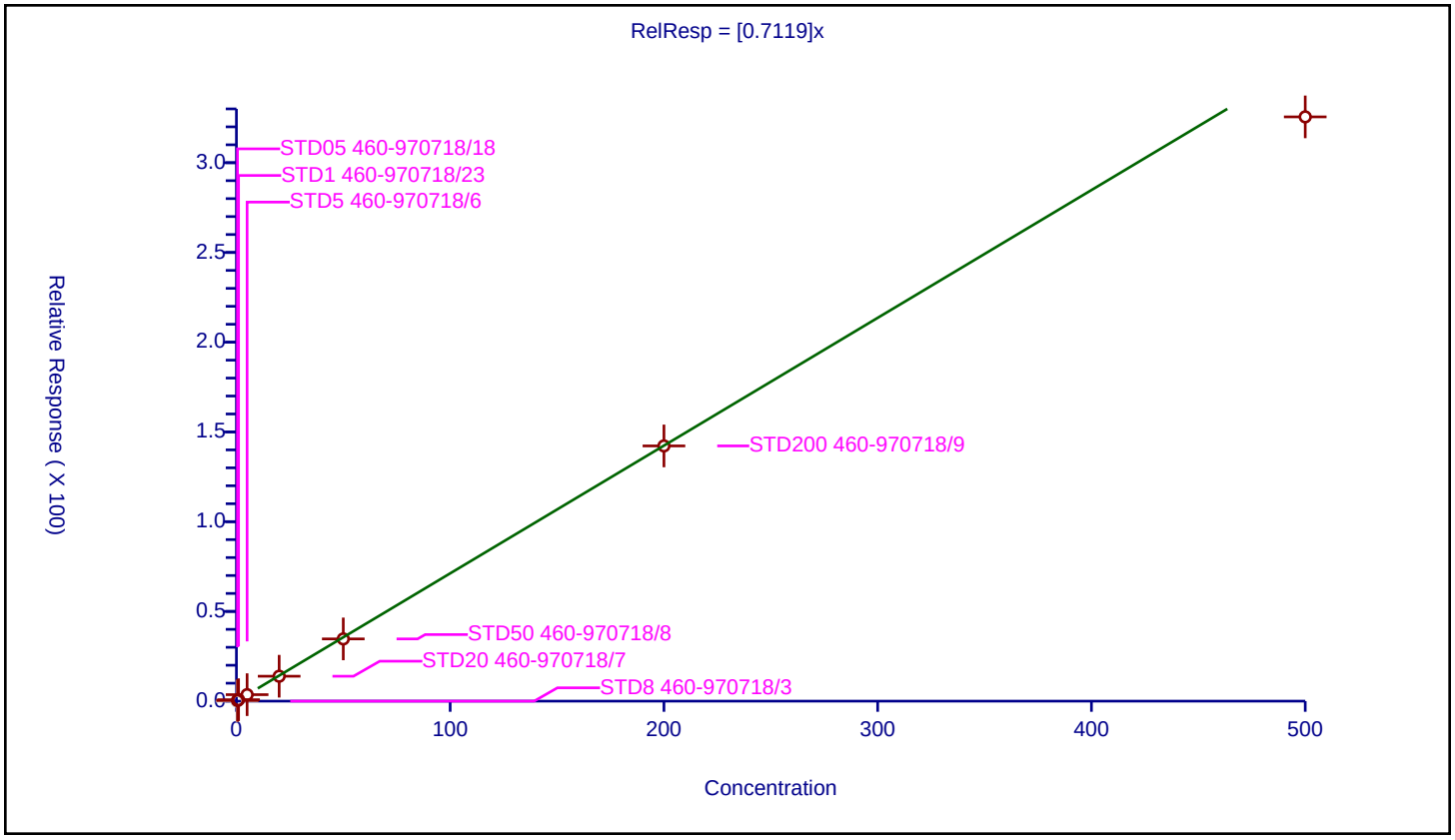
Curve Coefficients

Intercept:	0
Slope:	0.7119

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.360392	50.0	548431.0	0.720783	Y
3	STD1 460-970718/23	1.0	0.790645	50.0	565235.0	0.790645	Y
4	STD5 460-970718/6	5.0	3.611641	50.0	408720.0	0.722328	Y
5	STD20 460-970718/7	20.0	13.87834	50.0	520862.0	0.693917	Y
6	STD50 460-970718/8	50.0	34.673123	50.0	488746.0	0.693462	Y
7	STD200 460-970718/9	200.0	142.208674	50.0	479206.0	0.711043	Y
8	STD500 460-970718/10	500.0	325.554461	50.0	456705.0	0.651109	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

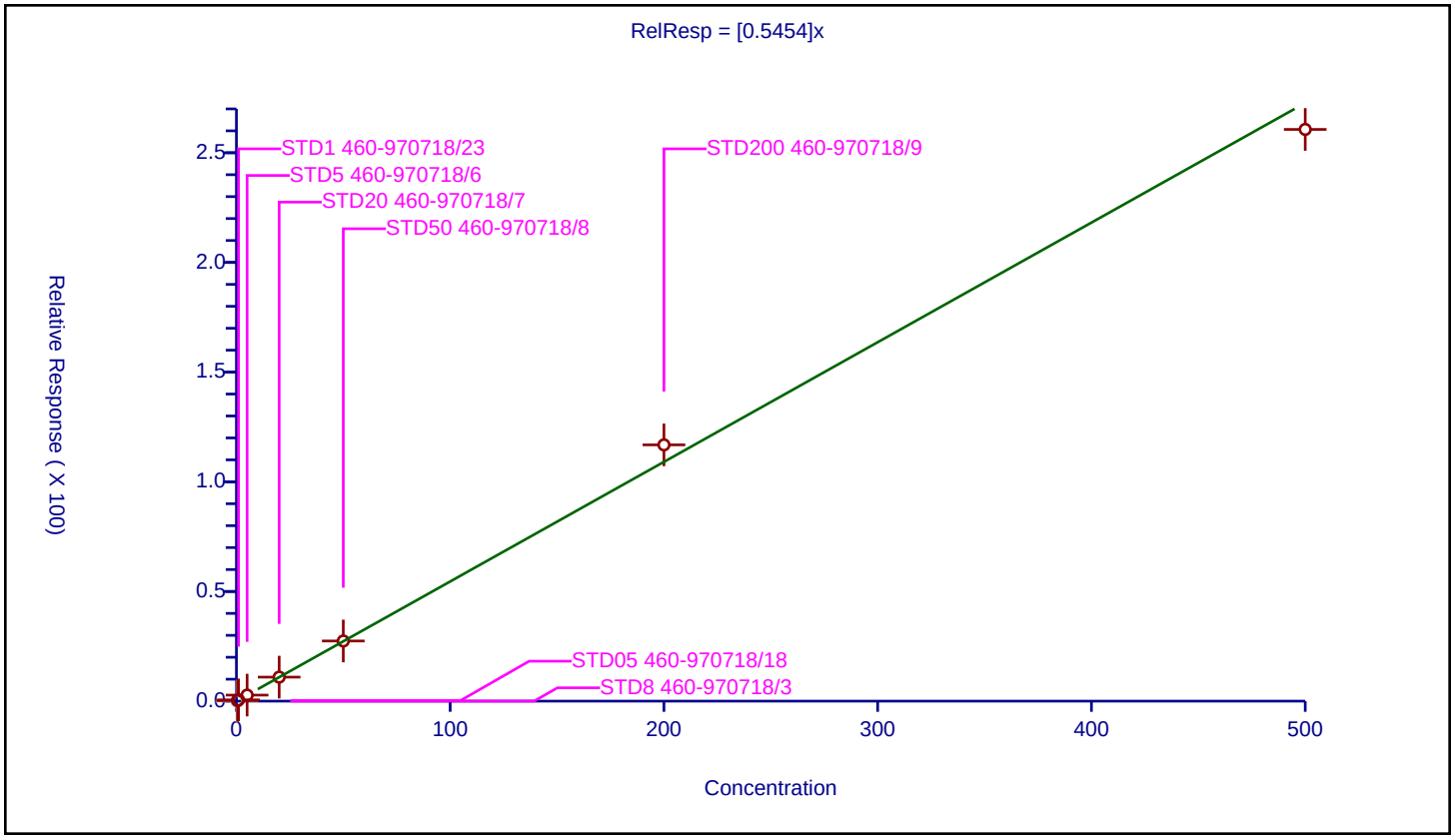
Curve Coefficients

Intercept:	0
Slope:	0.5454

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.25	0.0	50.0	472235.0	0.0	N
2	STD05 460-970718/18	0.5	0.252812	50.0	548431.0	0.505624	Y
3	STD1 460-970718/23	1.0	0.560563	50.0	565235.0	0.560563	Y
4	STD5 460-970718/6	5.0	2.752863	50.0	408720.0	0.550573	Y
5	STD20 460-970718/7	20.0	10.943782	50.0	520862.0	0.547189	Y
6	STD50 460-970718/8	50.0	27.423242	50.0	488746.0	0.548465	Y
7	STD200 460-970718/9	200.0	116.841087	50.0	479206.0	0.584205	Y
8	STD500 460-970718/10	500.0	260.637392	50.0	456705.0	0.521275	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

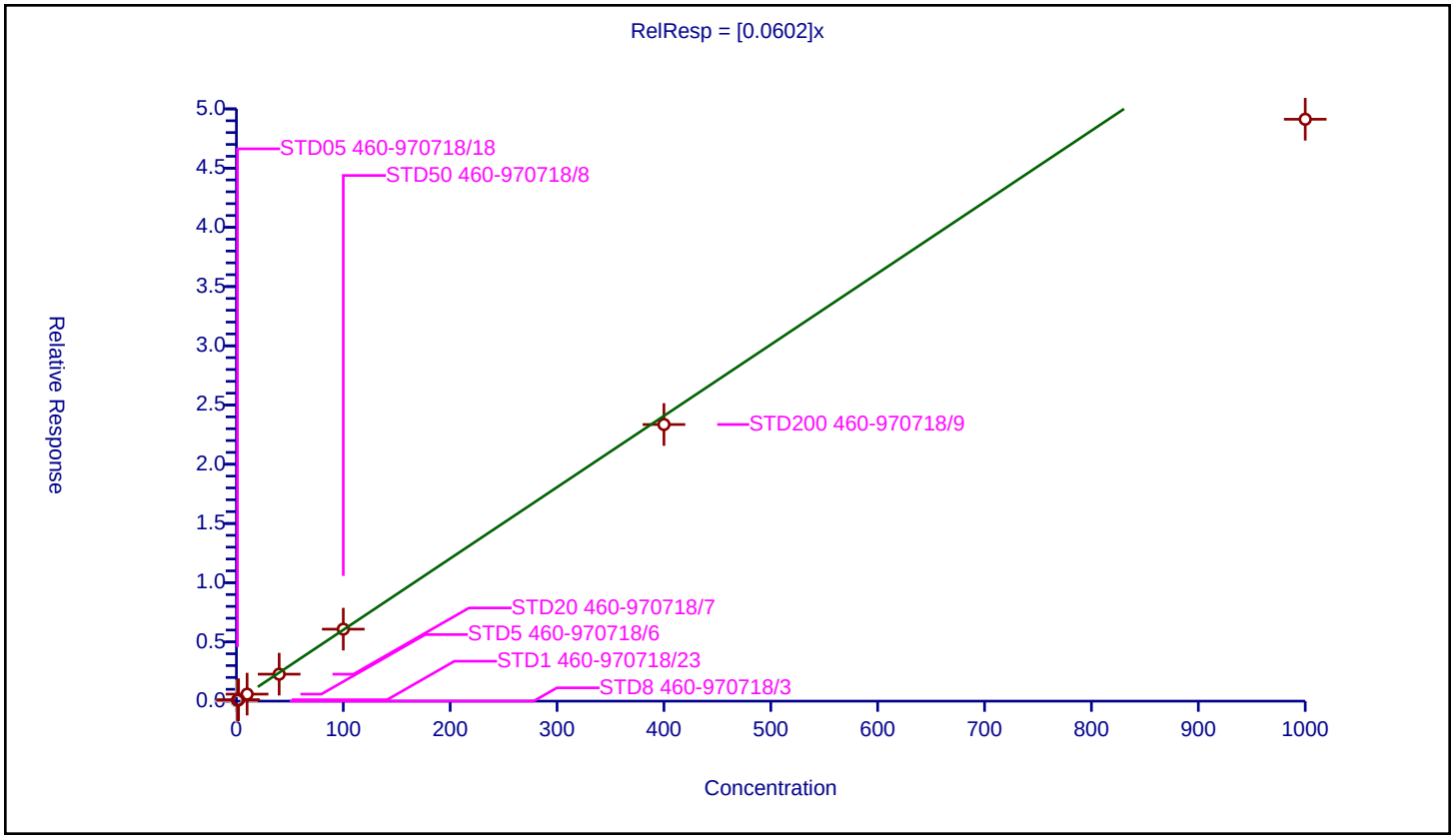
Curve Coefficients

Intercept:	0
Slope:	0.0602

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	1.0	0.076947	50.0	548431.0	0.076947	Y
3	STD1 460-970718/23	2.0	0.120039	50.0	565235.0	0.060019	Y
4	STD5 460-970718/6	10.0	0.592337	50.0	408720.0	0.059234	Y
5	STD20 460-970718/7	40.0	2.277571	50.0	520862.0	0.056939	Y
6	STD50 460-970718/8	100.0	6.076776	50.0	488746.0	0.060768	Y
7	STD200 460-970718/9	400.0	23.354779	50.0	479206.0	0.058387	Y
8	STD500 460-970718/10	1000.0	49.124161	50.0	456705.0	0.049124	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

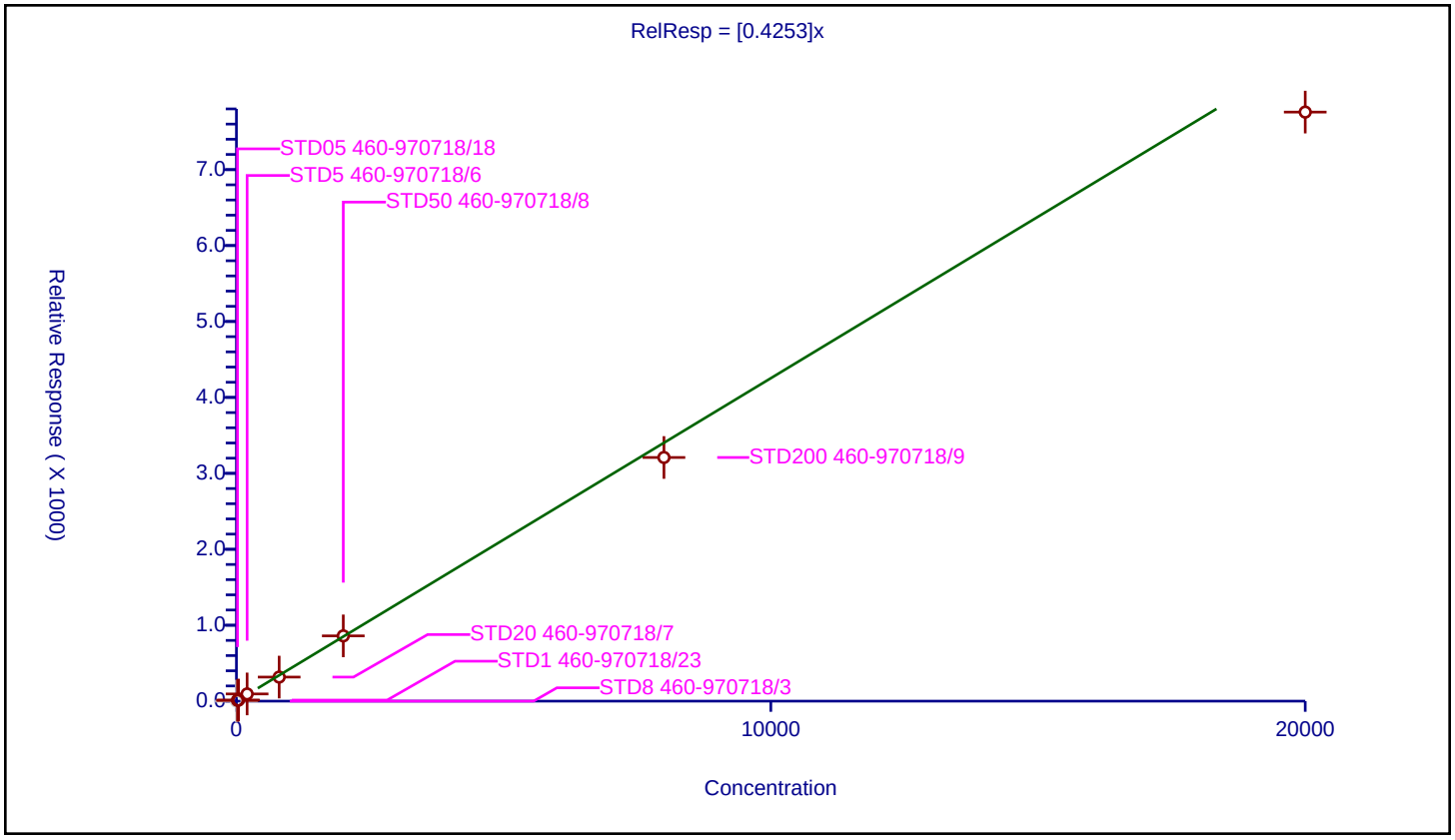
Curve Coefficients

Intercept:	0
Slope:	0.4253

Error Coefficients

Relative Standard Deviation:	15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	1000.0	30433.0	NaN	N
2	STD05 460-970718/18	20.0	10.795441	1000.0	43259.0	0.539772	Y
3	STD1 460-970718/23	40.0	13.922721	1000.0	44747.0	0.348068	Y
4	STD5 460-970718/6	200.0	94.874141	1000.0	33887.0	0.474371	Y
5	STD20 460-970718/7	800.0	316.968827	1000.0	38335.0	0.396211	Y
6	STD50 460-970718/8	2000.0	859.44242	1000.0	38703.0	0.429721	Y
7	STD200 460-970718/9	8000.0	3209.058755	1000.0	29121.0	0.401132	Y
8	STD500 460-970718/10	20000.0	7758.070539	1000.0	29459.0	0.387904	Y



Calibration / Ethyl ether

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

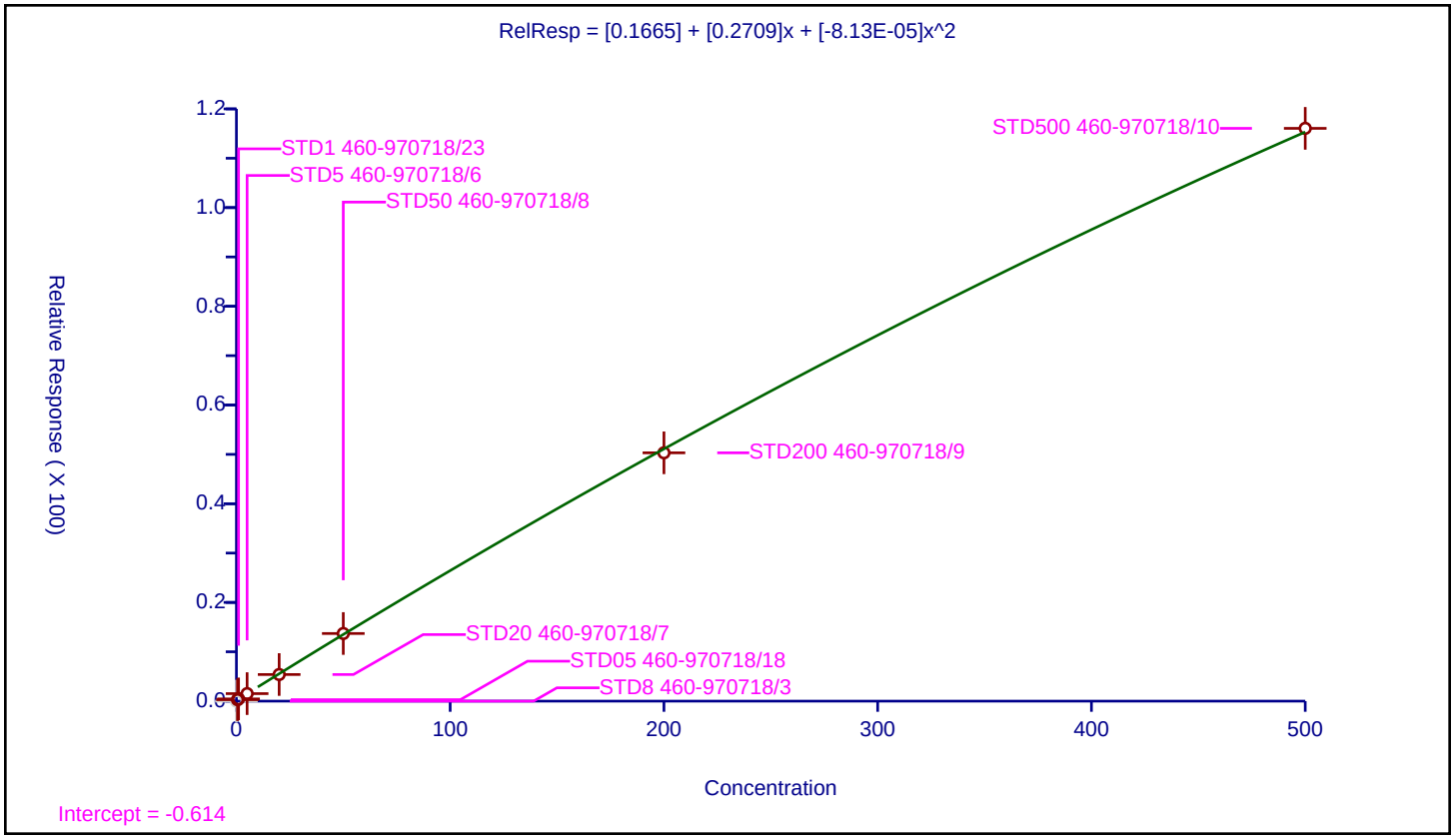
Curve Coefficients

Intercept:	0.1665
Slope:	0.2709
Second Order:	-8.13E-05

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.299126	50.0	548431.0	0.598252	Y
3	STD1 460-970718/23	1.0	0.448751	50.0	565235.0	0.448751	Y
4	STD5 460-970718/6	5.0	1.522314	50.0	408720.0	0.304463	Y
5	STD20 460-970718/7	20.0	5.396151	50.0	520862.0	0.269808	Y
6	STD50 460-970718/8	50.0	13.703232	50.0	488746.0	0.274065	Y
7	STD200 460-970718/9	200.0	50.316878	50.0	479206.0	0.251584	Y
8	STD500 460-970718/10	500.0	116.054017	50.0	456705.0	0.232108	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

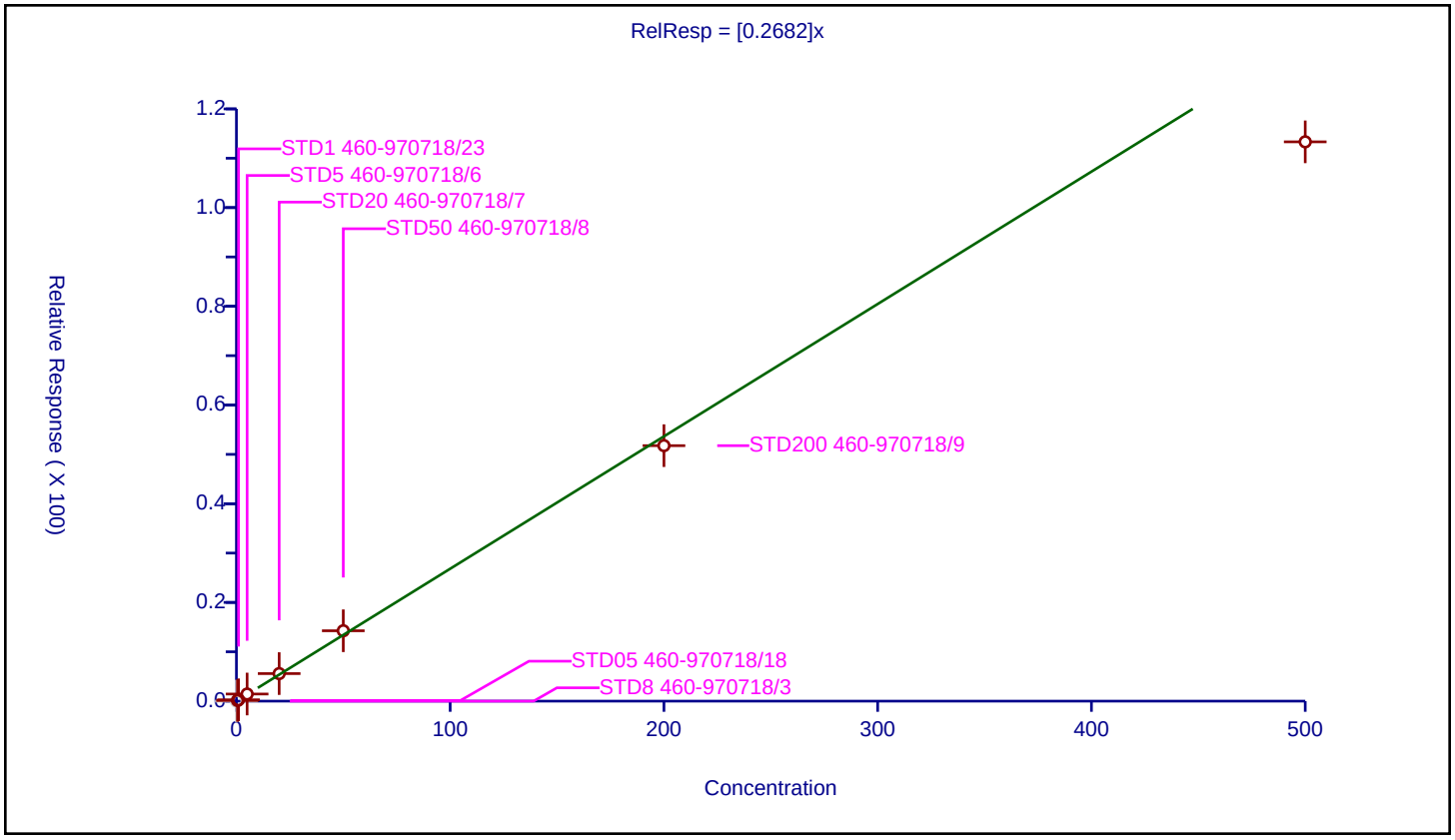
Curve Coefficients

Intercept:	0
Slope:	0.2682

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.132378	50.0	548431.0	0.264755	Y
3	STD1 460-970718/23	1.0	0.274134	50.0	565235.0	0.274134	Y
4	STD5 460-970718/6	5.0	1.444754	50.0	408720.0	0.288951	Y
5	STD20 460-970718/7	20.0	5.580461	50.0	520862.0	0.279023	Y
6	STD50 460-970718/8	50.0	14.257815	50.0	488746.0	0.285156	Y
7	STD200 460-970718/9	200.0	51.764794	50.0	479206.0	0.258824	Y
8	STD500 460-970718/10	500.0	113.326765	50.0	456705.0	0.226654	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

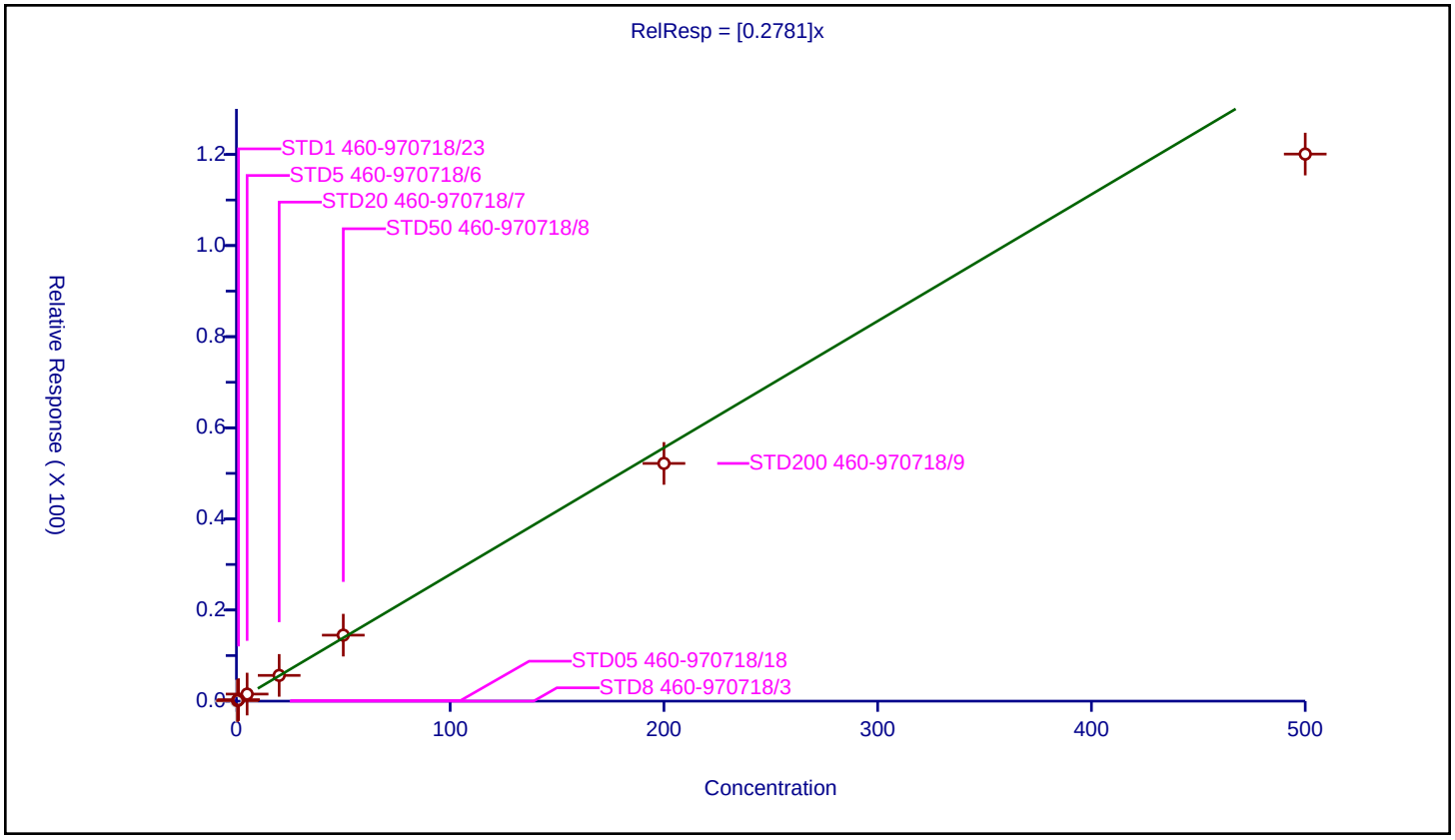
Curve Coefficients

Intercept:	0
Slope:	0.2781

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.120434	50.0	548431.0	0.240869	Y
3	STD1 460-970718/23	1.0	0.321902	50.0	565235.0	0.321902	Y
4	STD5 460-970718/6	5.0	1.552775	50.0	408720.0	0.310555	Y
5	STD20 460-970718/7	20.0	5.649289	50.0	520862.0	0.282464	Y
6	STD50 460-970718/8	50.0	14.486768	50.0	488746.0	0.289735	Y
7	STD200 460-970718/9	200.0	52.181734	50.0	479206.0	0.260909	Y
8	STD500 460-970718/10	500.0	120.083095	50.0	456705.0	0.240166	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

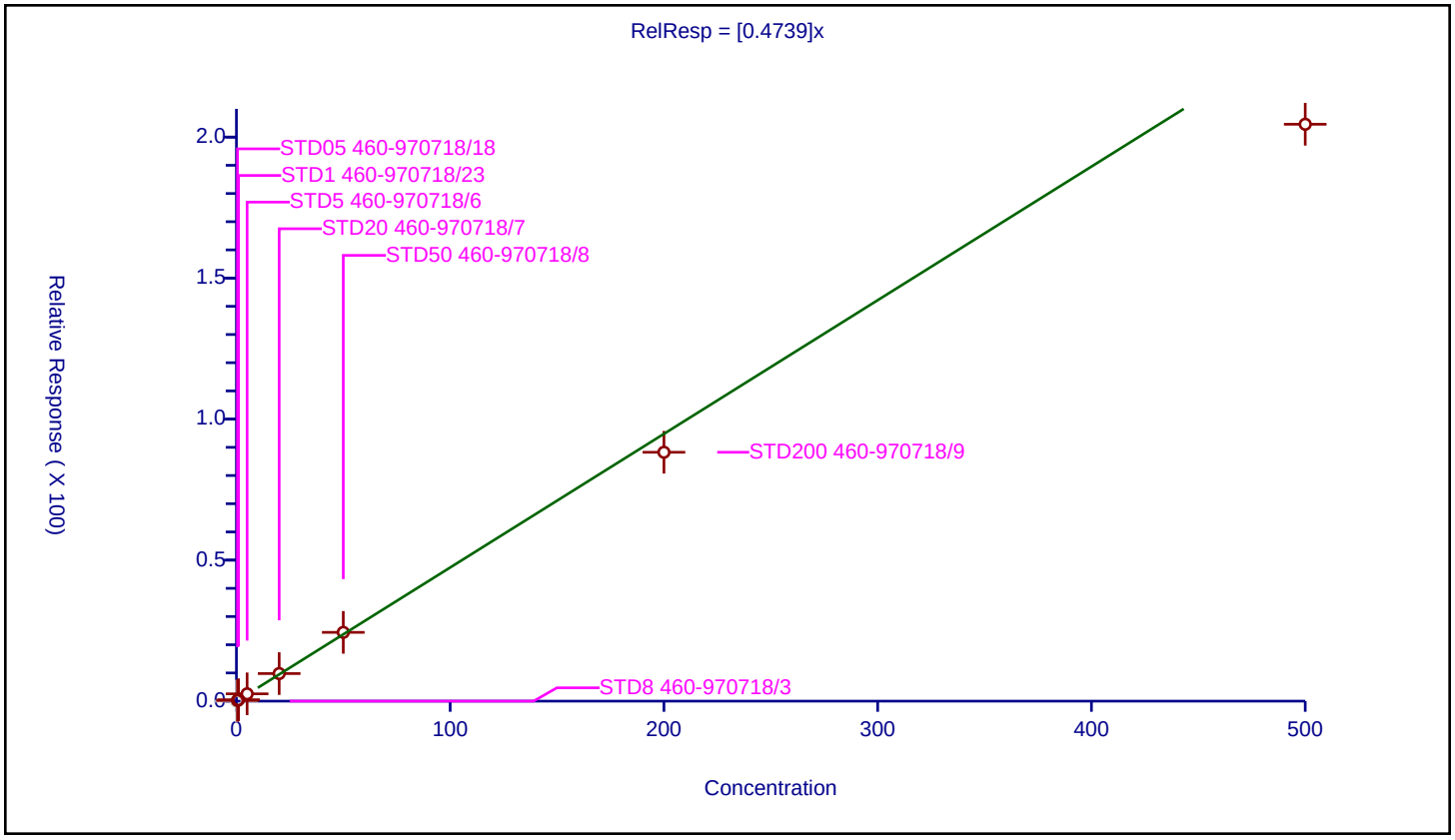
Curve Coefficients

Intercept:	0
Slope:	0.4739

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.240048	50.0	548431.0	0.480097	Y
3	STD1 460-970718/23	1.0	0.491654	50.0	565235.0	0.491654	Y
4	STD5 460-970718/6	5.0	2.590527	50.0	408720.0	0.518105	Y
5	STD20 460-970718/7	20.0	9.78263	50.0	520862.0	0.489131	Y
6	STD50 460-970718/8	50.0	24.387003	50.0	488746.0	0.48774	Y
7	STD200 460-970718/9	200.0	88.247434	50.0	479206.0	0.441237	Y
8	STD500 460-970718/10	500.0	204.553048	50.0	456705.0	0.409106	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

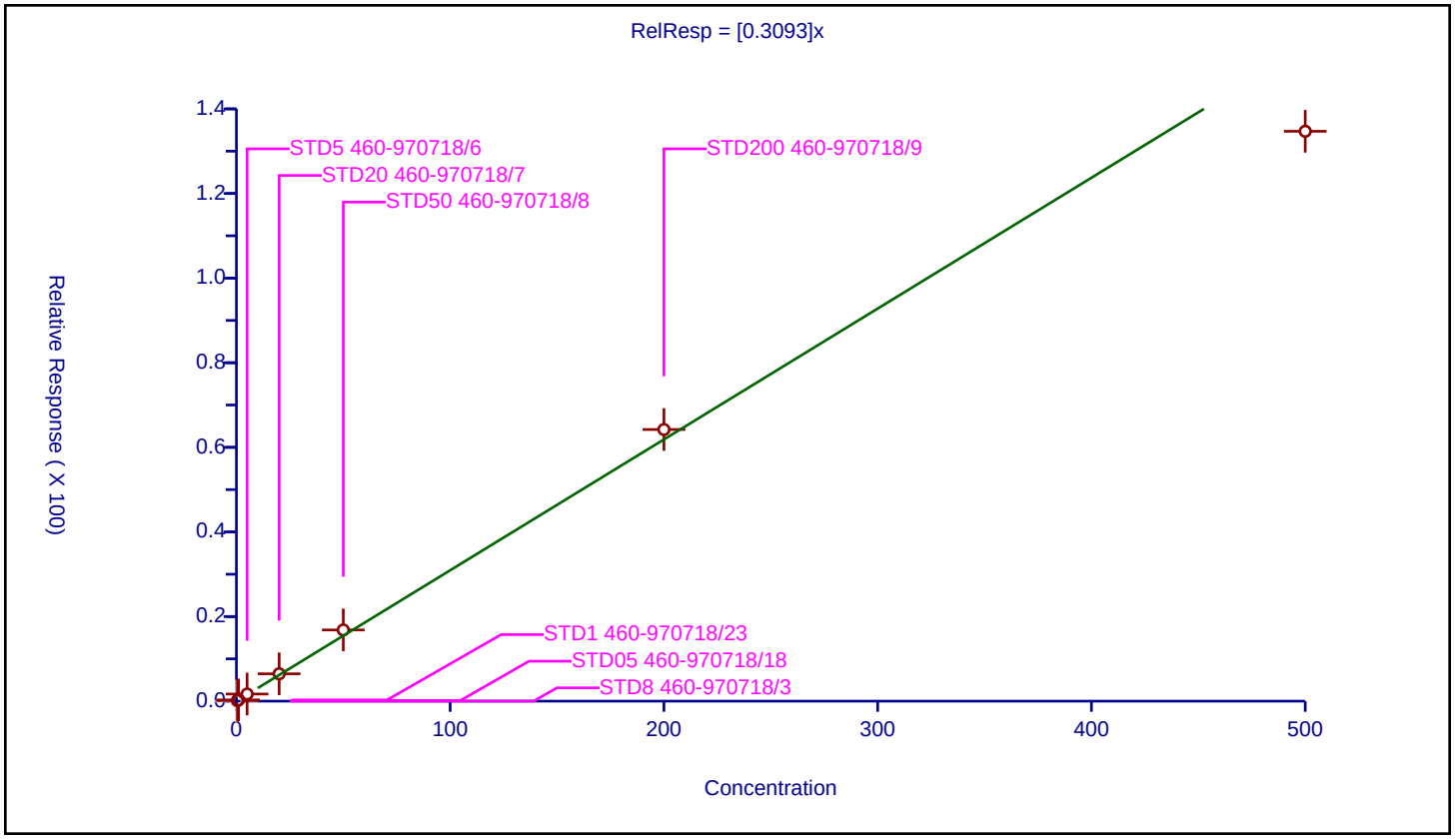
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.146691	50.0	548431.0	0.293382	Y
3	STD1 460-970718/23	1.0	0.285456	50.0	565235.0	0.285456	Y
4	STD5 460-970718/6	5.0	1.680368	50.0	408720.0	0.336074	Y
5	STD20 460-970718/7	20.0	6.464572	50.0	520862.0	0.323229	Y
6	STD50 460-970718/8	50.0	16.828987	50.0	488746.0	0.33658	Y
7	STD200 460-970718/9	200.0	64.206312	50.0	479206.0	0.321032	Y
8	STD500 460-970718/10	500.0	134.70435	50.0	456705.0	0.269409	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

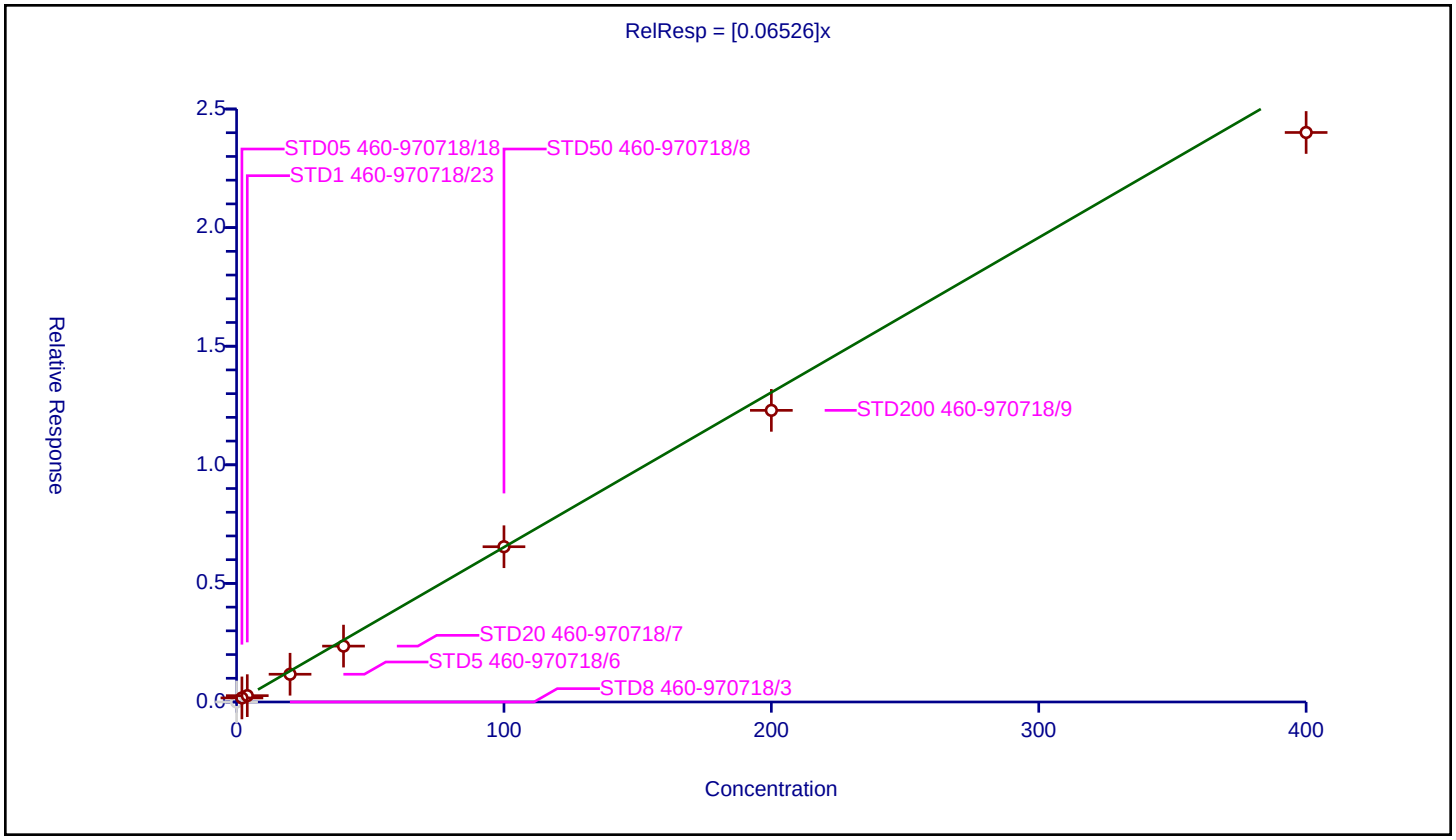
Curve Coefficients

Intercept:	0
Slope:	0.06526

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	2.0	0.171672	50.0	548431.0	0.085836	Y
3	STD1 460-970718/23	4.0	0.266615	50.0	565235.0	0.066654	Y
4	STD5 460-970718/6	20.0	1.169749	50.0	408720.0	0.058487	Y
5	STD20 460-970718/7	40.0	2.356286	50.0	520862.0	0.058907	Y
6	STD50 460-970718/8	100.0	6.545629	50.0	488746.0	0.065456	Y
7	STD200 460-970718/9	200.0	12.295234	50.0	479206.0	0.061476	Y
8	STD500 460-970718/10	400.0	24.010795	50.0	456705.0	0.060027	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

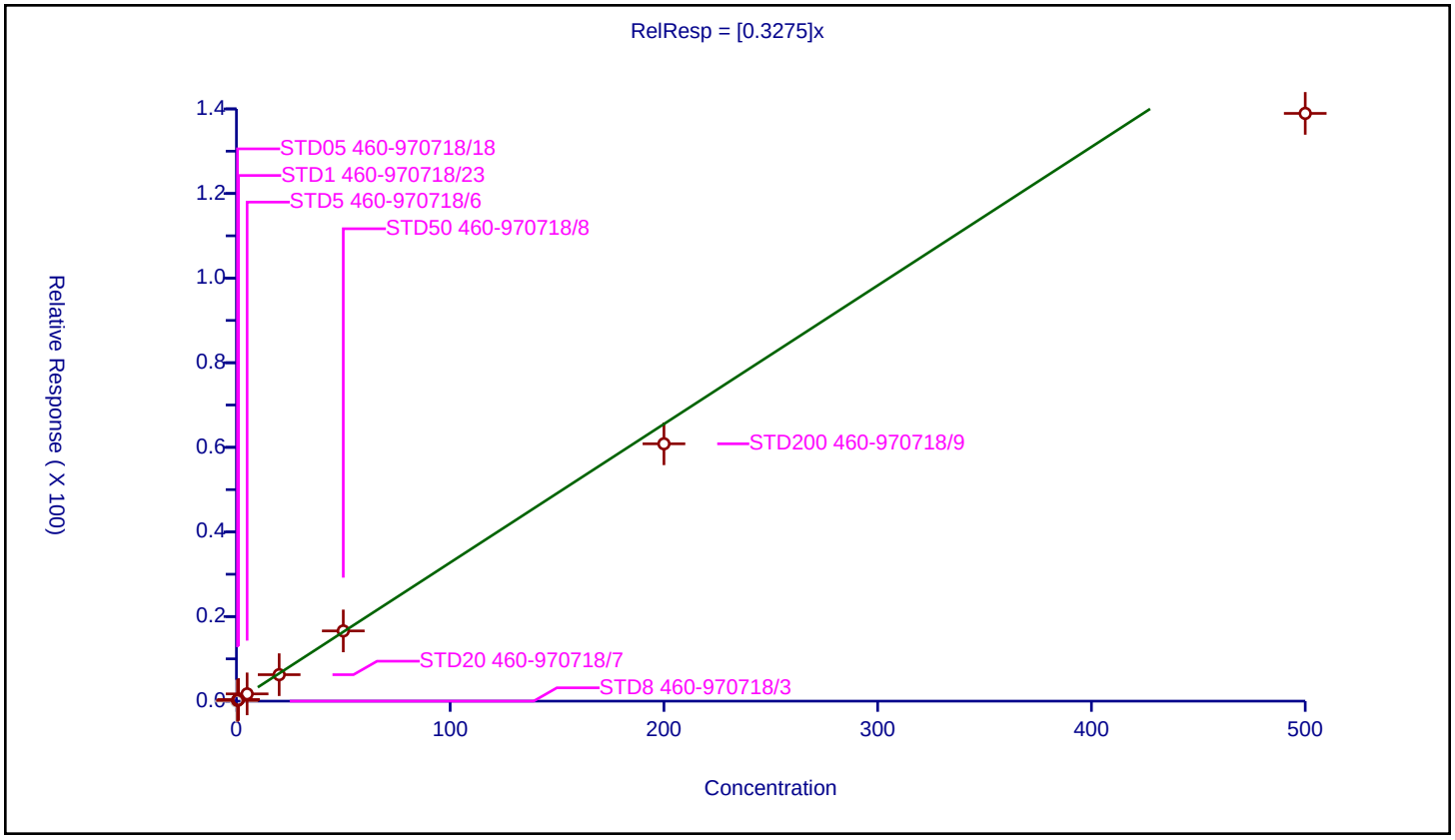
Curve Coefficients

Intercept:	0
Slope:	0.3275

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.171033	50.0	548431.0	0.342067	Y
3	STD1 460-970718/23	1.0	0.38055	50.0	565235.0	0.38055	Y
4	STD5 460-970718/6	5.0	1.71719	50.0	408720.0	0.343438	Y
5	STD20 460-970718/7	20.0	6.252712	50.0	520862.0	0.312636	Y
6	STD50 460-970718/8	50.0	16.59809	50.0	488746.0	0.331962	Y
7	STD200 460-970718/9	200.0	60.833232	50.0	479206.0	0.304166	Y
8	STD500 460-970718/10	500.0	138.934651	50.0	456705.0	0.277869	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

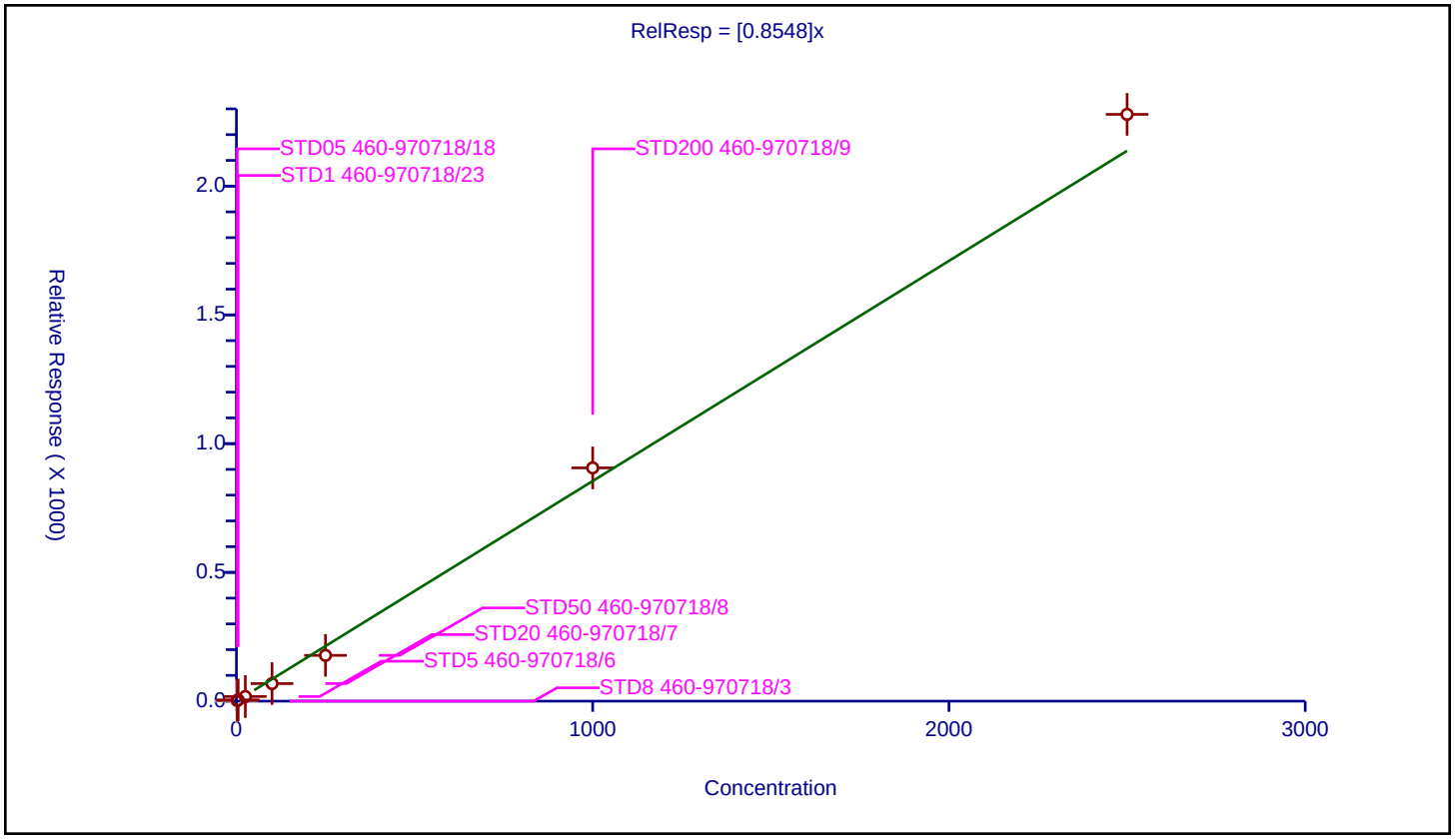
Curve Coefficients

Intercept:	0
Slope:	0.8548

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	2.5	2.812543	250.0	320884.0	1.125017	Y
3	STD1 460-970718/23	5.0	4.661078	250.0	321224.0	0.932216	Y
4	STD5 460-970718/6	25.0	17.904438	250.0	252591.0	0.716178	Y
5	STD20 460-970718/7	100.0	68.232548	250.0	298820.0	0.682325	Y
6	STD50 460-970718/8	250.0	177.701574	250.0	284982.0	0.710806	Y
7	STD200 460-970718/9	1000.0	905.805303	250.0	243424.0	0.905805	Y
8	STD500 460-970718/10	2500.0	2278.664711	250.0	226655.0	0.911466	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

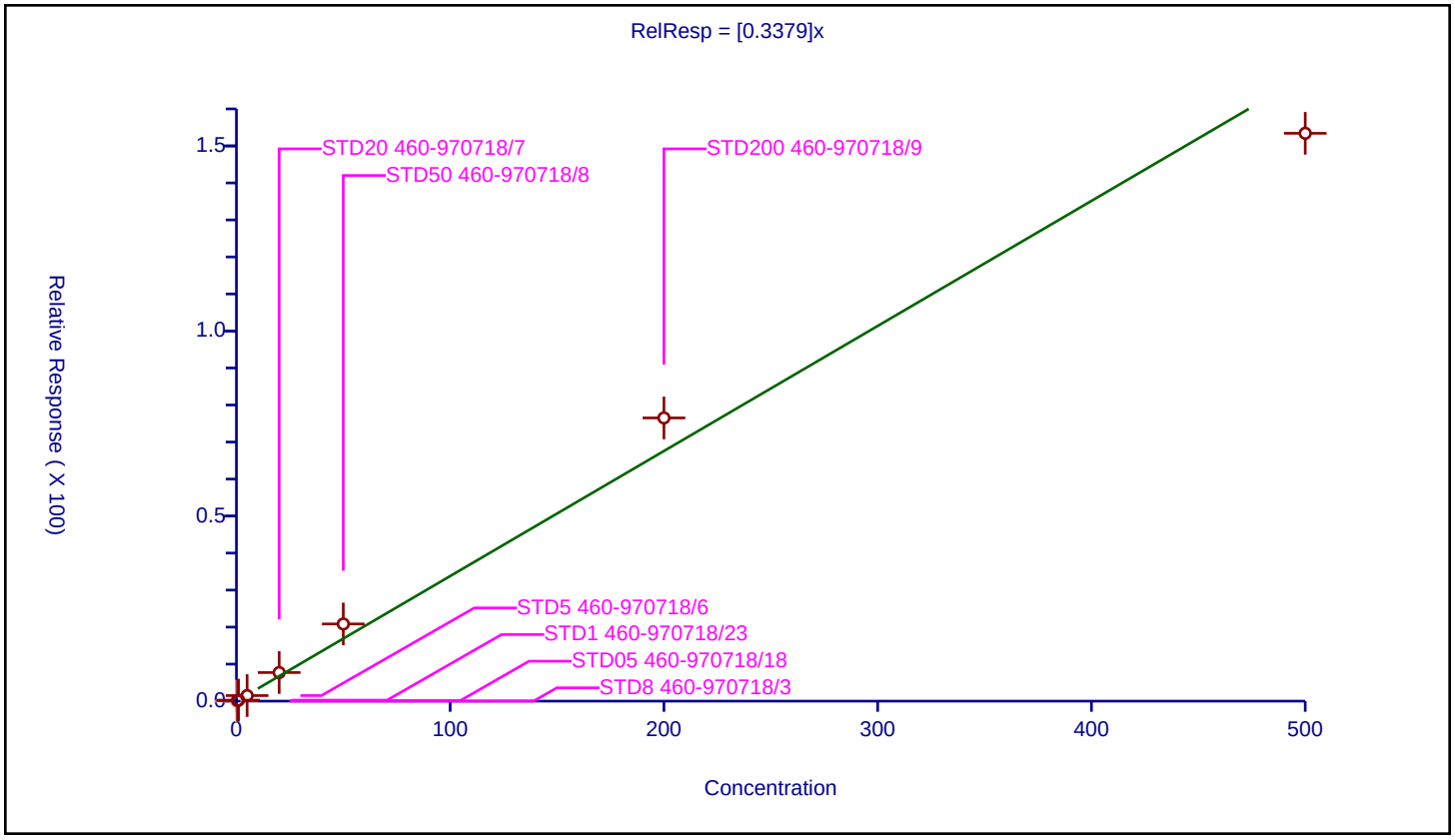
Curve Coefficients

Intercept:	0
Slope:	0.3379

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.152161	50.0	548431.0	0.304323	Y
3	STD1 460-970718/23	1.0	0.268472	50.0	565235.0	0.268472	Y
4	STD5 460-970718/6	5.0	1.498703	50.0	408720.0	0.299741	Y
5	STD20 460-970718/7	20.0	7.722967	50.0	520862.0	0.386148	Y
6	STD50 460-970718/8	50.0	20.847741	50.0	488746.0	0.416955	Y
7	STD200 460-970718/9	200.0	76.511667	50.0	479206.0	0.382558	Y
8	STD500 460-970718/10	500.0	153.410188	50.0	456705.0	0.30682	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

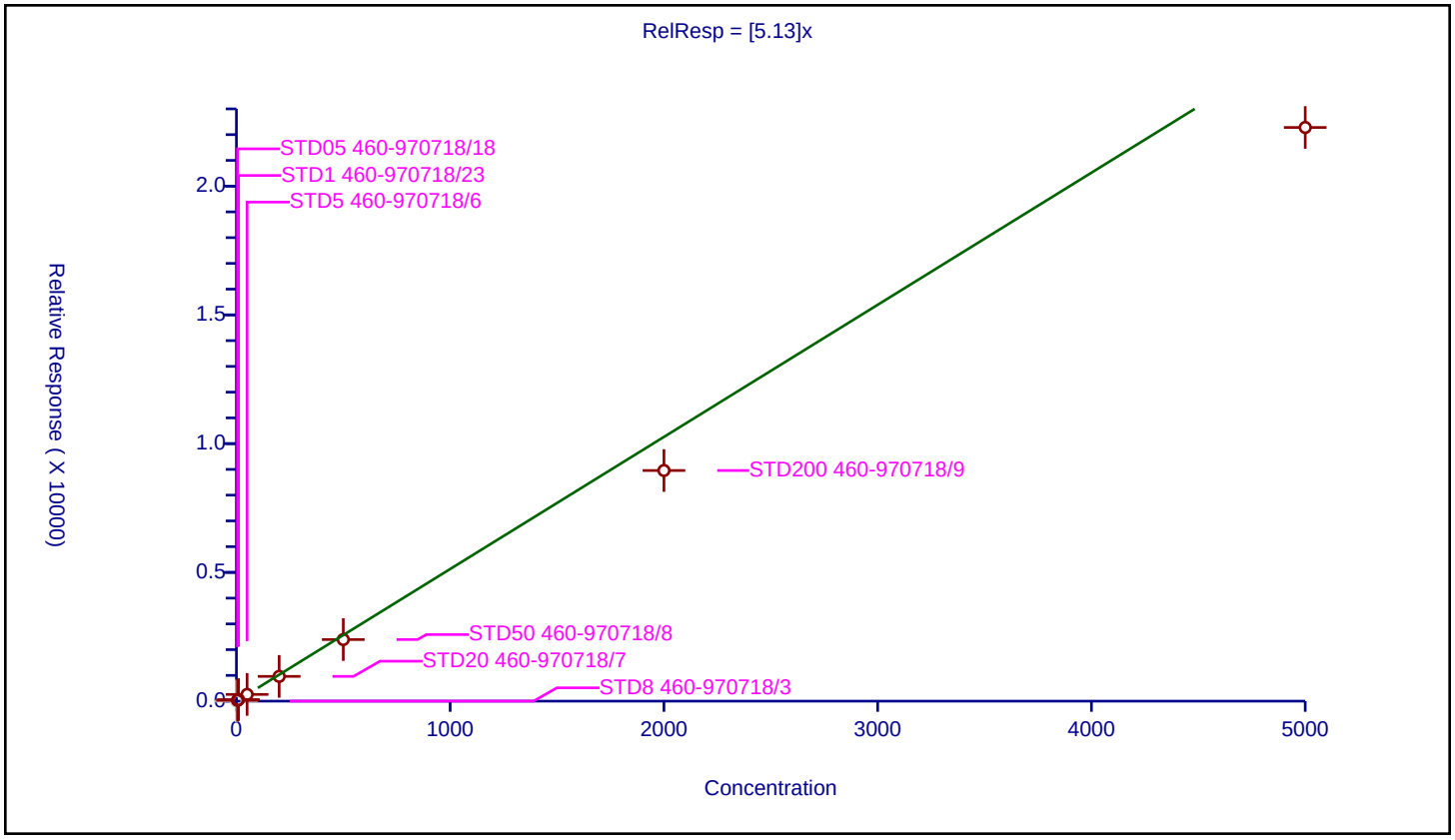
Curve Coefficients

Intercept:	0
Slope:	5.13

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	1000.0	30433.0	NaN	N
2	STD05 460-970718/18	5.0	30.92998	1000.0	43259.0	6.185996	Y
3	STD1 460-970718/23	10.0	59.82524	1000.0	44747.0	5.982524	Y
4	STD5 460-970718/6	50.0	261.073568	1000.0	33887.0	5.221471	Y
5	STD20 460-970718/7	200.0	961.079953	1000.0	38335.0	4.8054	Y
6	STD50 460-970718/8	500.0	2392.088469	1000.0	38703.0	4.784177	Y
7	STD200 460-970718/9	2000.0	8956.526218	1000.0	29121.0	4.478263	Y
8	STD500 460-970718/10	5000.0	22277.708001	1000.0	29459.0	4.455542	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

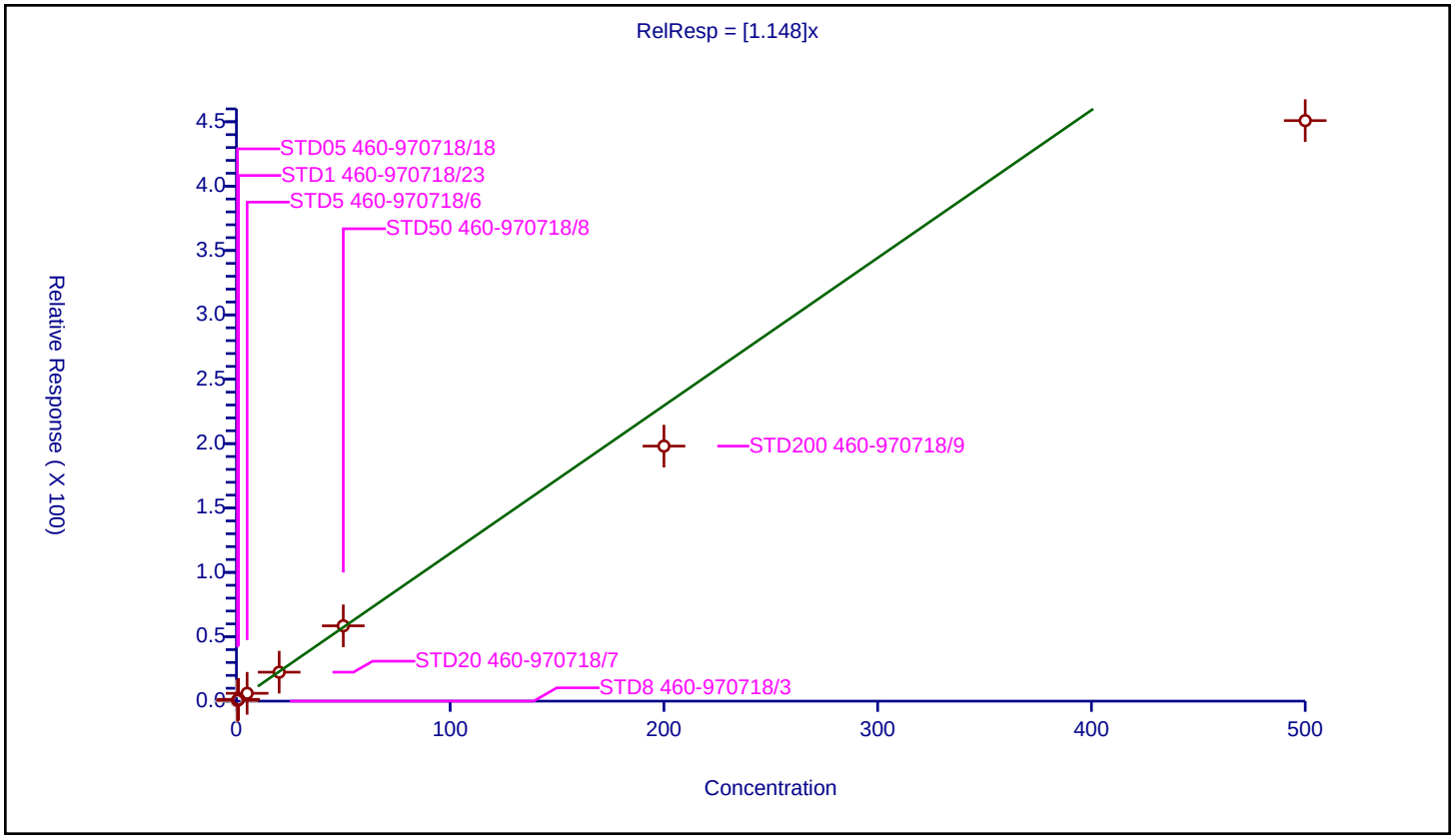
Curve Coefficients

Intercept:	0
Slope:	1.148

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.611107	50.0	548431.0	1.222214	Y
3	STD1 460-970718/23	1.0	1.406141	50.0	565235.0	1.406141	Y
4	STD5 460-970718/6	5.0	6.089499	50.0	408720.0	1.2179	Y
5	STD20 460-970718/7	20.0	22.495978	50.0	520862.0	1.124799	Y
6	STD50 460-970718/8	50.0	58.503497	50.0	488746.0	1.17007	Y
7	STD200 460-970718/9	200.0	198.080575	50.0	479206.0	0.990403	Y
8	STD500 460-970718/10	500.0	450.894122	50.0	456705.0	0.901788	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

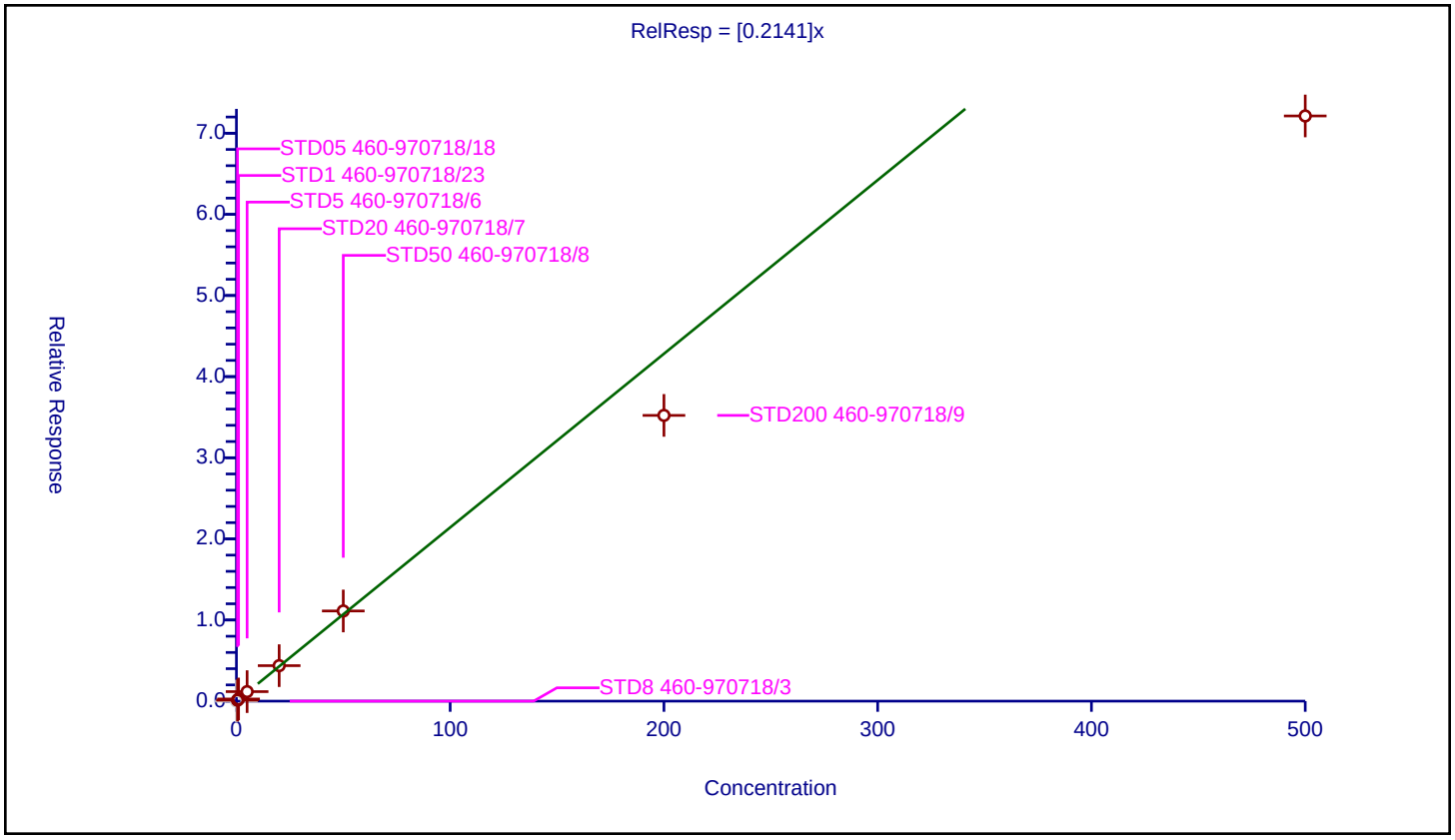
Curve Coefficients

Intercept:	0
Slope:	0.2141

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.119523	50.0	548431.0	0.239046	Y
3	STD1 460-970718/23	1.0	0.263253	50.0	565235.0	0.263253	Y
4	STD5 460-970718/6	5.0	1.17452	50.0	408720.0	0.234904	Y
5	STD20 460-970718/7	20.0	4.374383	50.0	520862.0	0.218719	Y
6	STD50 460-970718/8	50.0	11.113237	50.0	488746.0	0.222265	Y
7	STD200 460-970718/9	200.0	35.221283	50.0	479206.0	0.176106	Y
8	STD500 460-970718/10	500.0	72.128617	50.0	456705.0	0.144257	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

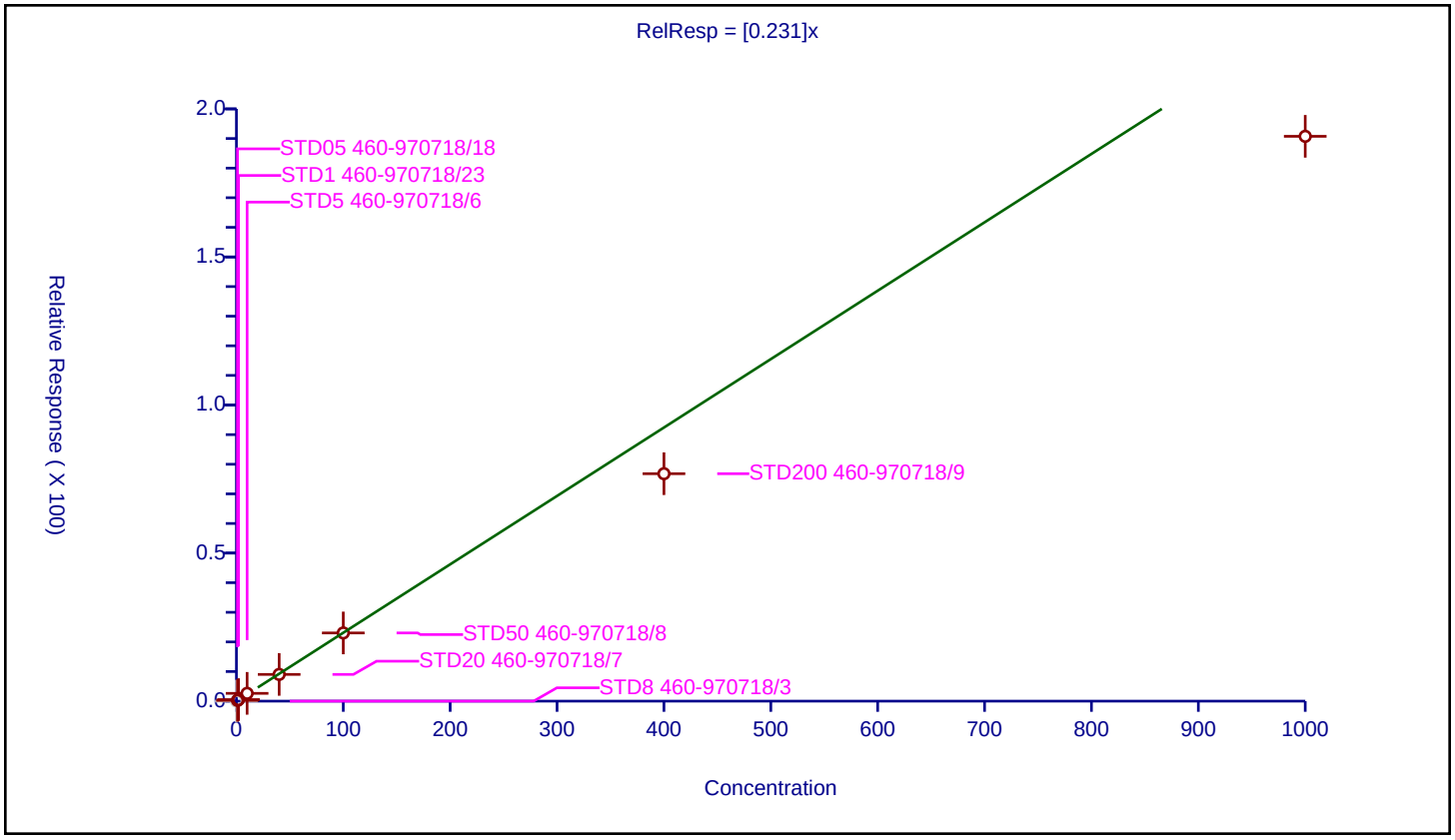
Curve Coefficients

Intercept:	0
Slope:	0.231

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	1.0	0.254727	50.0	548431.0	0.254727	Y
3	STD1 460-970718/23	2.0	0.520934	50.0	565235.0	0.260467	Y
4	STD5 460-970718/6	10.0	2.629795	50.0	408720.0	0.26298	Y
5	STD20 460-970718/7	40.0	9.027919	50.0	520862.0	0.225698	Y
6	STD50 460-970718/8	100.0	23.032107	50.0	488746.0	0.230321	Y
7	STD200 460-970718/9	400.0	76.801835	50.0	479206.0	0.192005	Y
8	STD500 460-970718/10	1000.0	190.731435	50.0	456705.0	0.190731	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

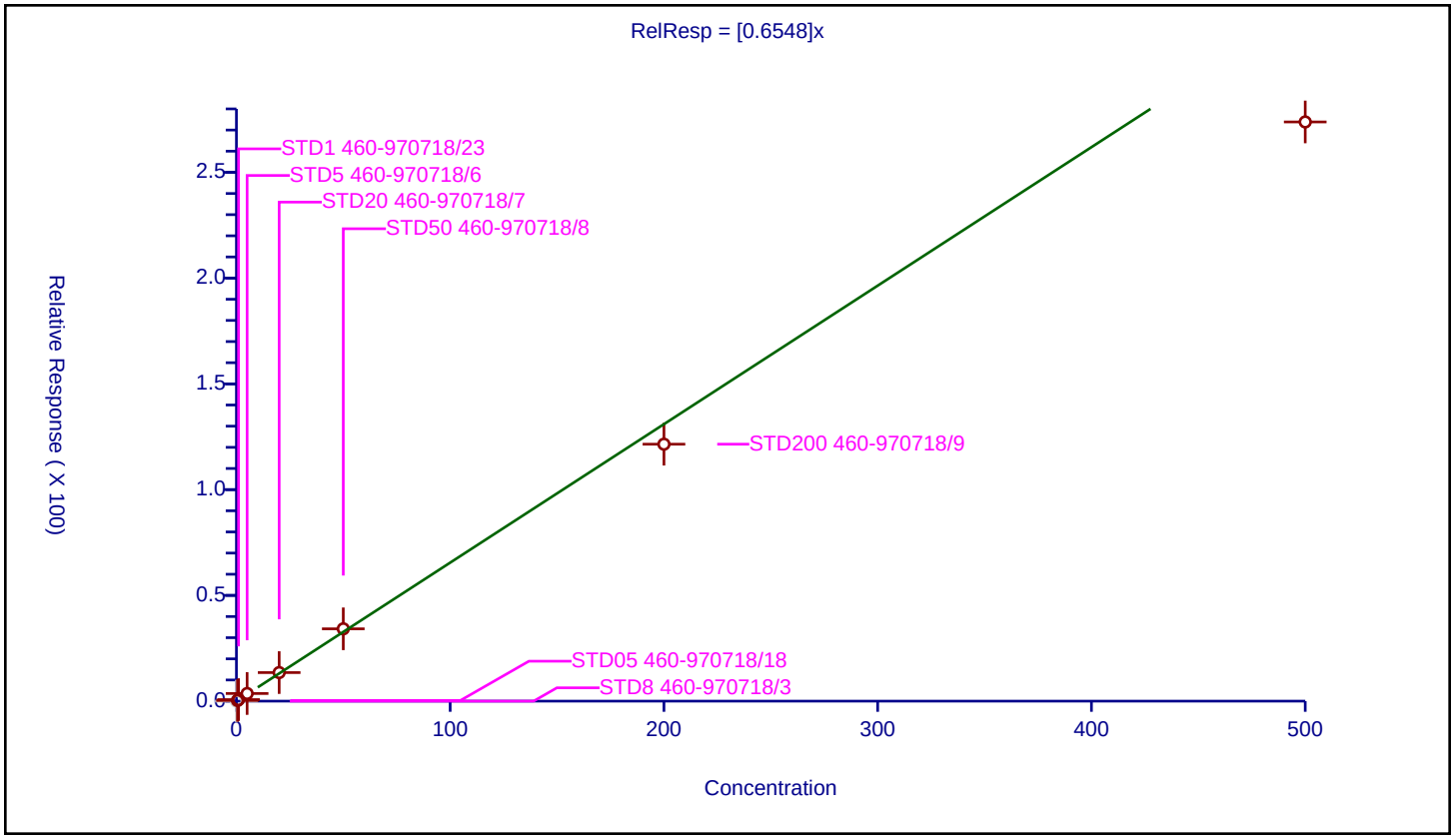
Curve Coefficients

Intercept:	0
Slope:	0.6548

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.314716	50.0	548431.0	0.629432	Y
3	STD1 460-970718/23	1.0	0.718728	50.0	565235.0	0.718728	Y
4	STD5 460-970718/6	5.0	3.604301	50.0	408720.0	0.72086	Y
5	STD20 460-970718/7	20.0	13.508856	50.0	520862.0	0.675443	Y
6	STD50 460-970718/8	50.0	34.18872	50.0	488746.0	0.683774	Y
7	STD200 460-970718/9	200.0	121.47615	50.0	479206.0	0.607381	Y
8	STD500 460-970718/10	500.0	273.830043	50.0	456705.0	0.54766	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

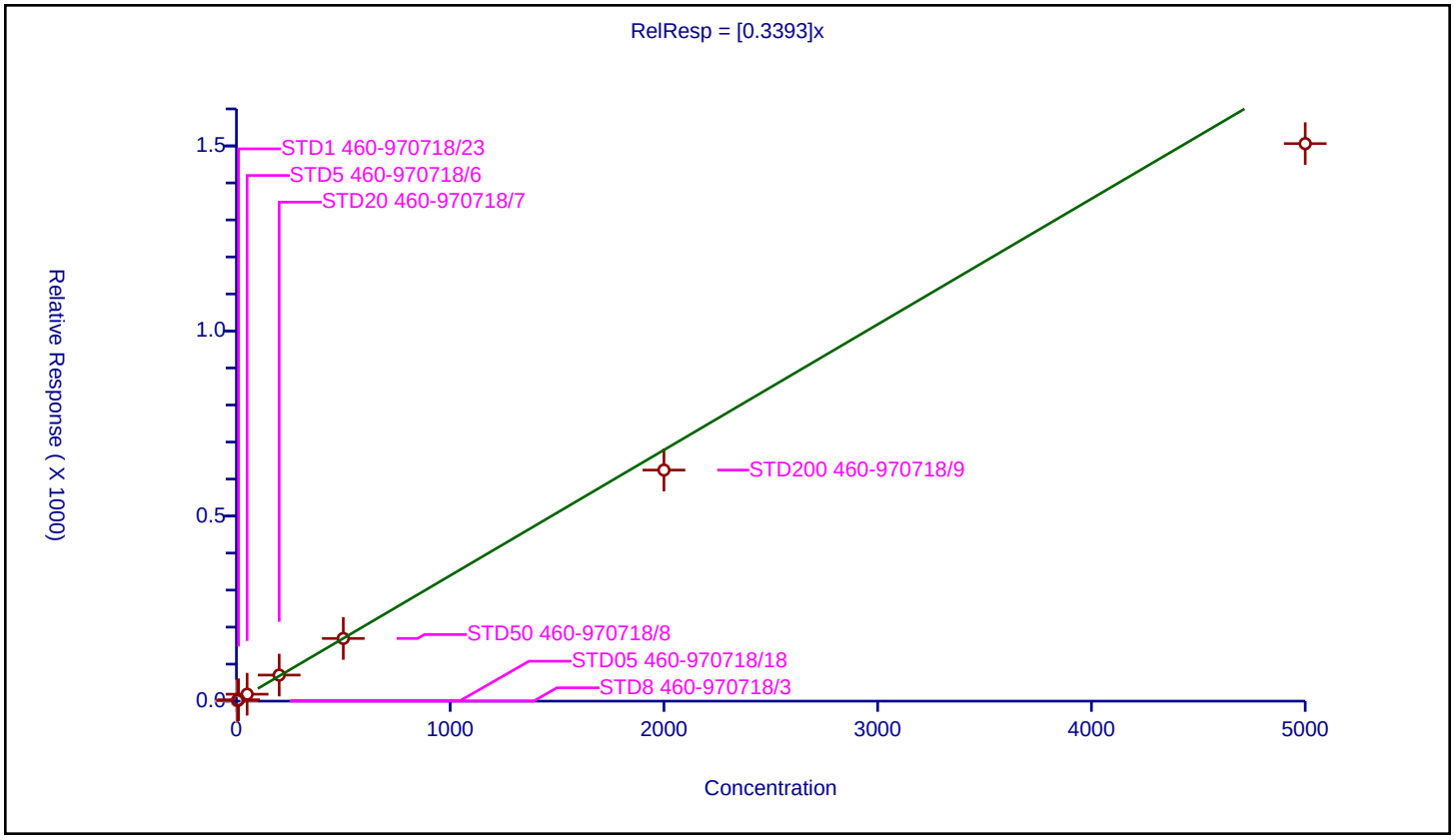
Curve Coefficients

Intercept:	0
Slope:	0.3393

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	5.0	1.622861	250.0	320884.0	0.324572	Y
3	STD1 460-970718/23	10.0	3.713141	250.0	321224.0	0.371314	Y
4	STD5 460-970718/6	50.0	18.751658	250.0	252591.0	0.375033	Y
5	STD20 460-970718/7	200.0	70.399404	250.0	298820.0	0.351997	Y
6	STD50 460-970718/8	500.0	169.312448	250.0	284982.0	0.338625	Y
7	STD200 460-970718/9	2000.0	624.263631	250.0	243424.0	0.312132	Y
8	STD500 460-970718/10	5000.0	1506.166862	250.0	226655.0	0.301233	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

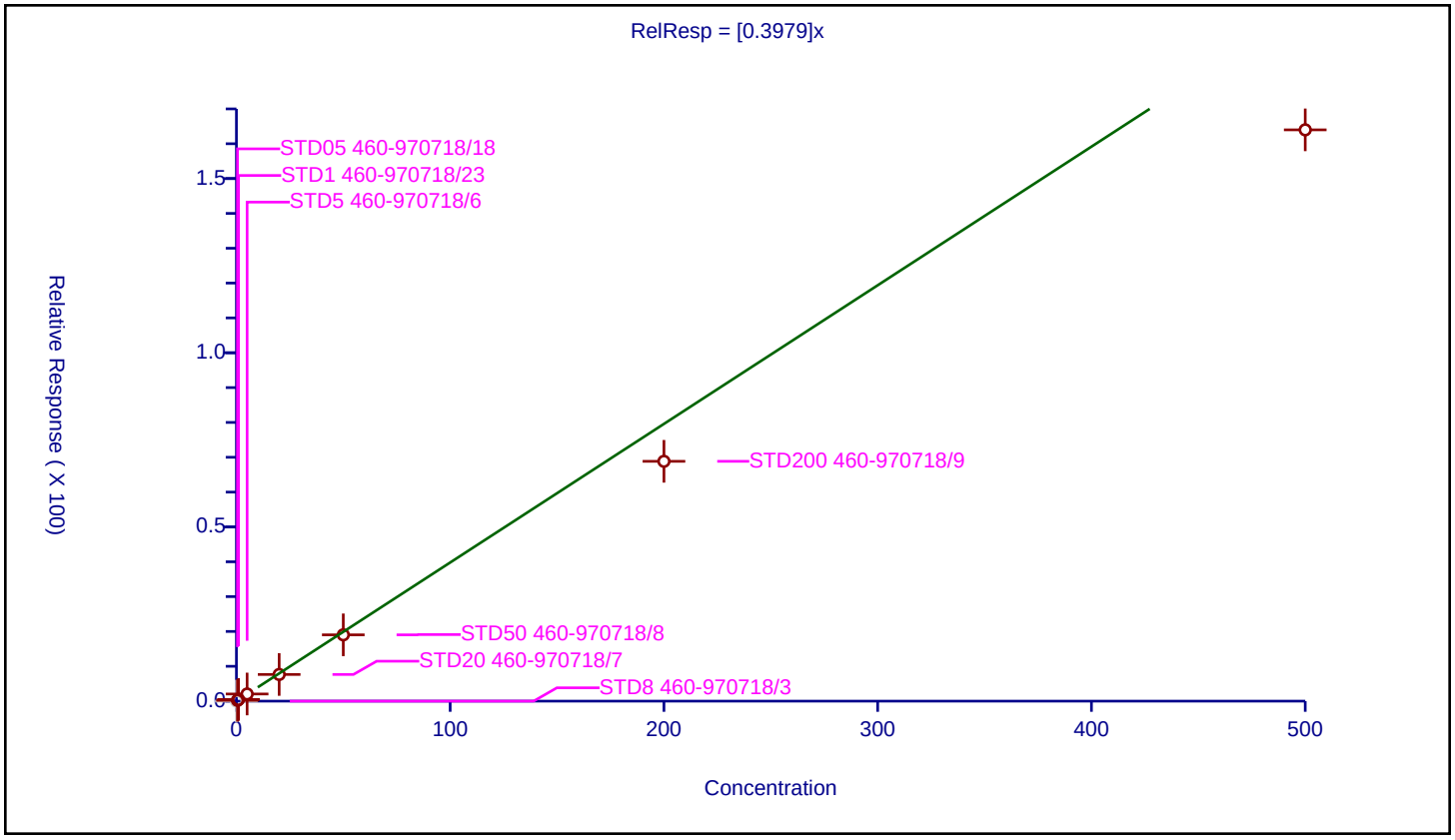
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.229382	50.0	548431.0	0.458763	Y
3	STD1 460-970718/23	1.0	0.480066	50.0	565235.0	0.480066	Y
4	STD5 460-970718/6	5.0	2.053973	50.0	408720.0	0.410795	Y
5	STD20 460-970718/7	20.0	7.655291	50.0	520862.0	0.382765	Y
6	STD50 460-970718/8	50.0	19.034836	50.0	488746.0	0.380697	Y
7	STD200 460-970718/9	200.0	68.842523	50.0	479206.0	0.344213	Y
8	STD500 460-970718/10	500.0	163.985176	50.0	456705.0	0.32797	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

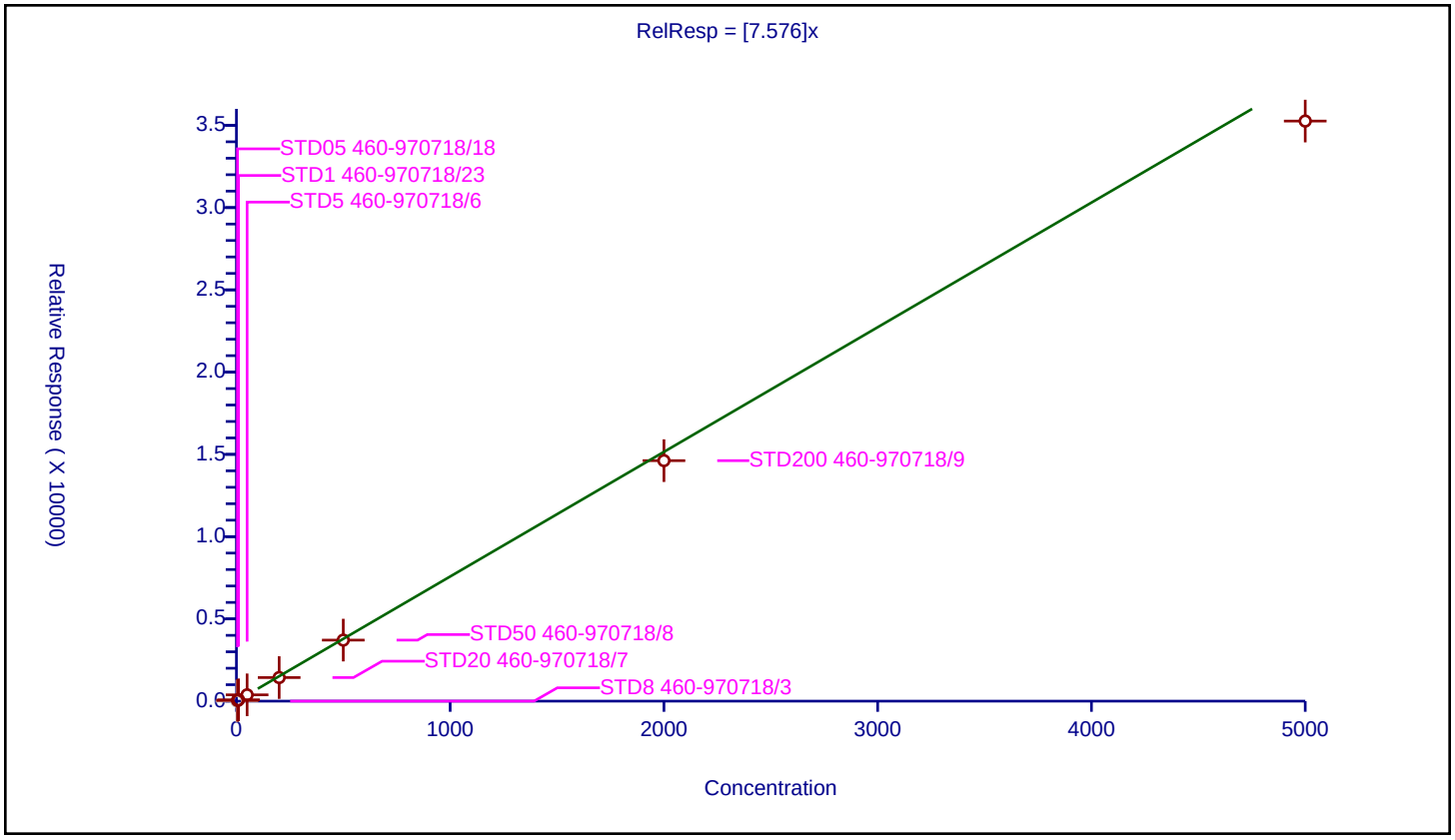
Curve Coefficients

Intercept:	0
Slope:	7.576

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	2.0	0.0	1000.0	30433.0	0.0	N
2	STD05 460-970718/18	5.0	42.07217	1000.0	43259.0	8.414434	Y
3	STD1 460-970718/23	10.0	80.005363	1000.0	44747.0	8.000536	Y
4	STD5 460-970718/6	50.0	383.509901	1000.0	33887.0	7.670198	Y
5	STD20 460-970718/7	200.0	1433.233338	1000.0	38335.0	7.166167	Y
6	STD50 460-970718/8	500.0	3710.099992	1000.0	38703.0	7.4202	Y
7	STD200 460-970718/9	2000.0	14618.797431	1000.0	29121.0	7.309399	Y
8	STD500 460-970718/10	5000.0	35259.479276	1000.0	29459.0	7.051896	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

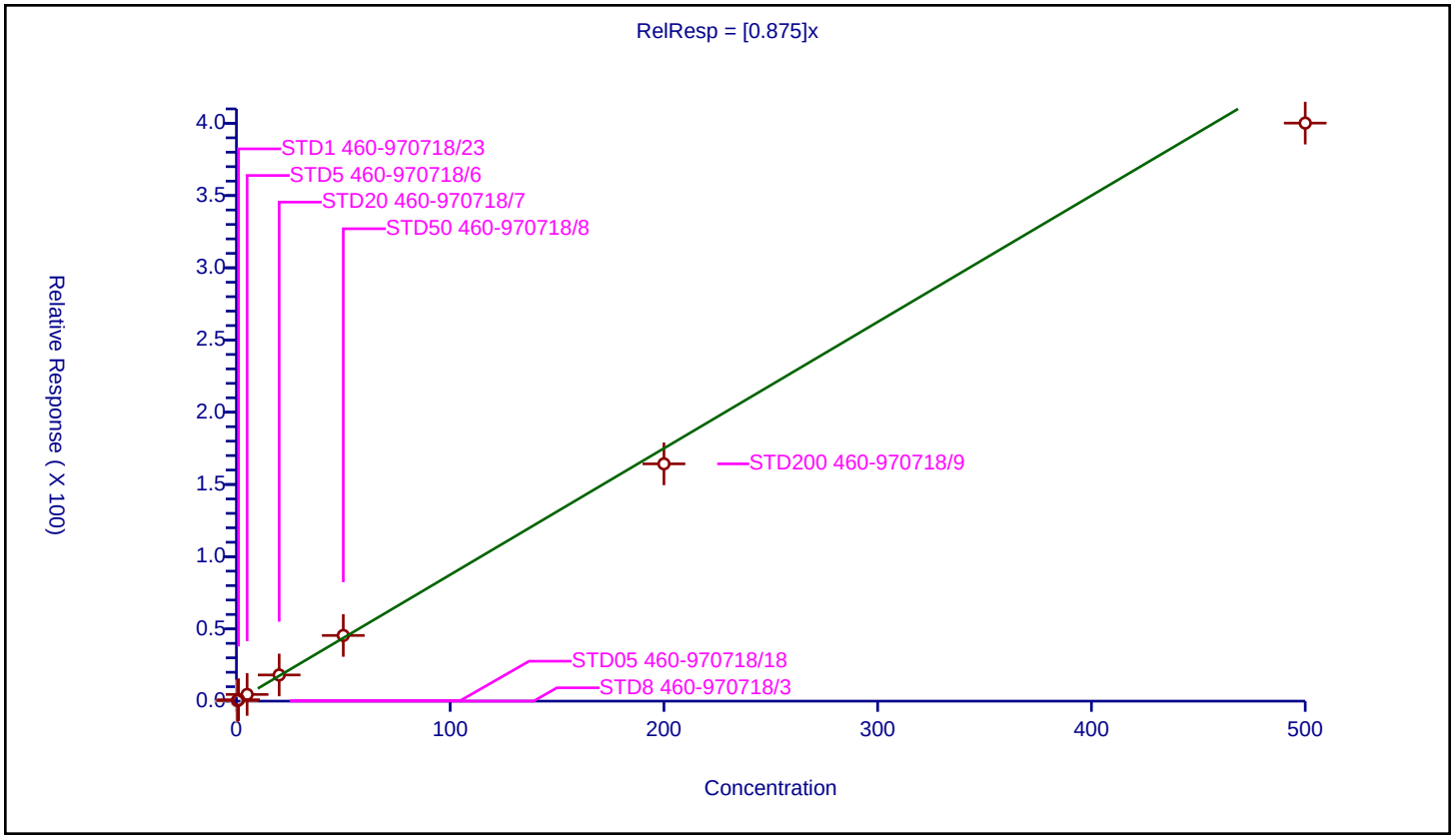
Curve Coefficients

Intercept:	0
Slope:	0.875

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.39221	50.0	548431.0	0.78442	Y
3	STD1 460-970718/23	1.0	0.974285	50.0	565235.0	0.974285	Y
4	STD5 460-970718/6	5.0	4.645601	50.0	408720.0	0.92912	Y
5	STD20 460-970718/7	20.0	18.114587	50.0	520862.0	0.905729	Y
6	STD50 460-970718/8	50.0	45.470244	50.0	488746.0	0.909405	Y
7	STD200 460-970718/9	200.0	164.280393	50.0	479206.0	0.821402	Y
8	STD500 460-970718/10	500.0	400.163453	50.0	456705.0	0.800327	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

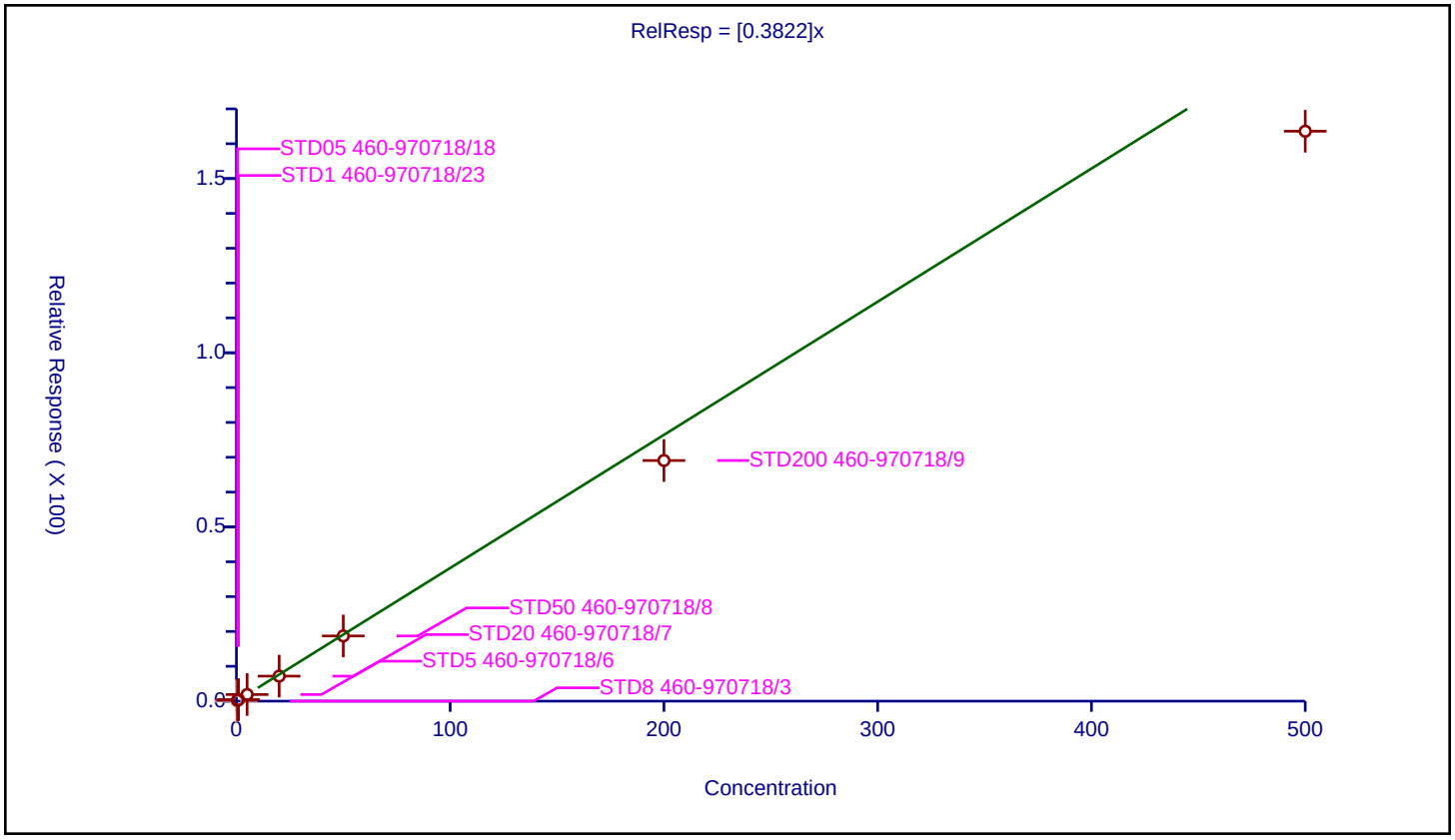
Curve Coefficients

Intercept:	0
Slope:	0.3822

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.222726	50.0	548431.0	0.445453	Y
3	STD1 460-970718/23	1.0	0.443798	50.0	565235.0	0.443798	Y
4	STD5 460-970718/6	5.0	1.899711	50.0	408720.0	0.379942	Y
5	STD20 460-970718/7	20.0	7.183285	50.0	520862.0	0.359164	Y
6	STD50 460-970718/8	50.0	18.714117	50.0	488746.0	0.374282	Y
7	STD200 460-970718/9	200.0	69.070191	50.0	479206.0	0.345351	Y
8	STD500 460-970718/10	500.0	163.586232	50.0	456705.0	0.327172	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

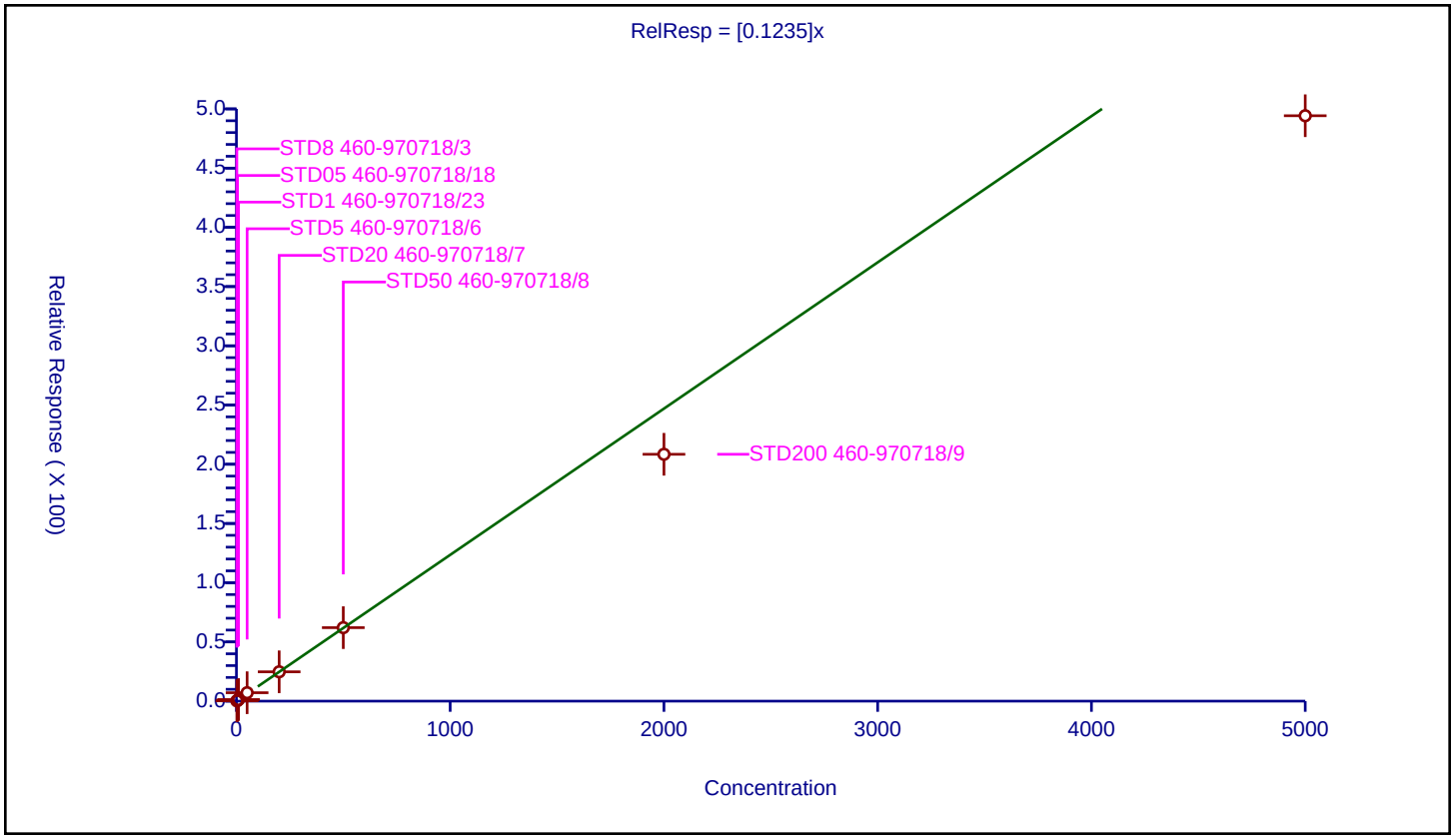
Curve Coefficients

Intercept:	0
Slope:	0.1235

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	2.0	0.264593	50.0	472235.0	0.132296	Y
2	STD05 460-970718/18	5.0	0.646207	50.0	548431.0	0.129241	Y
3	STD1 460-970718/23	10.0	1.330597	50.0	565235.0	0.13306	Y
4	STD5 460-970718/6	50.0	7.109146	50.0	408720.0	0.142183	Y
5	STD20 460-970718/7	200.0	24.768365	50.0	520862.0	0.123842	Y
6	STD50 460-970718/8	500.0	62.038257	50.0	488746.0	0.124077	Y
7	STD200 460-970718/9	2000.0	208.407553	50.0	479206.0	0.104204	Y
8	STD500 460-970718/10	5000.0	494.227565	50.0	456705.0	0.098846	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

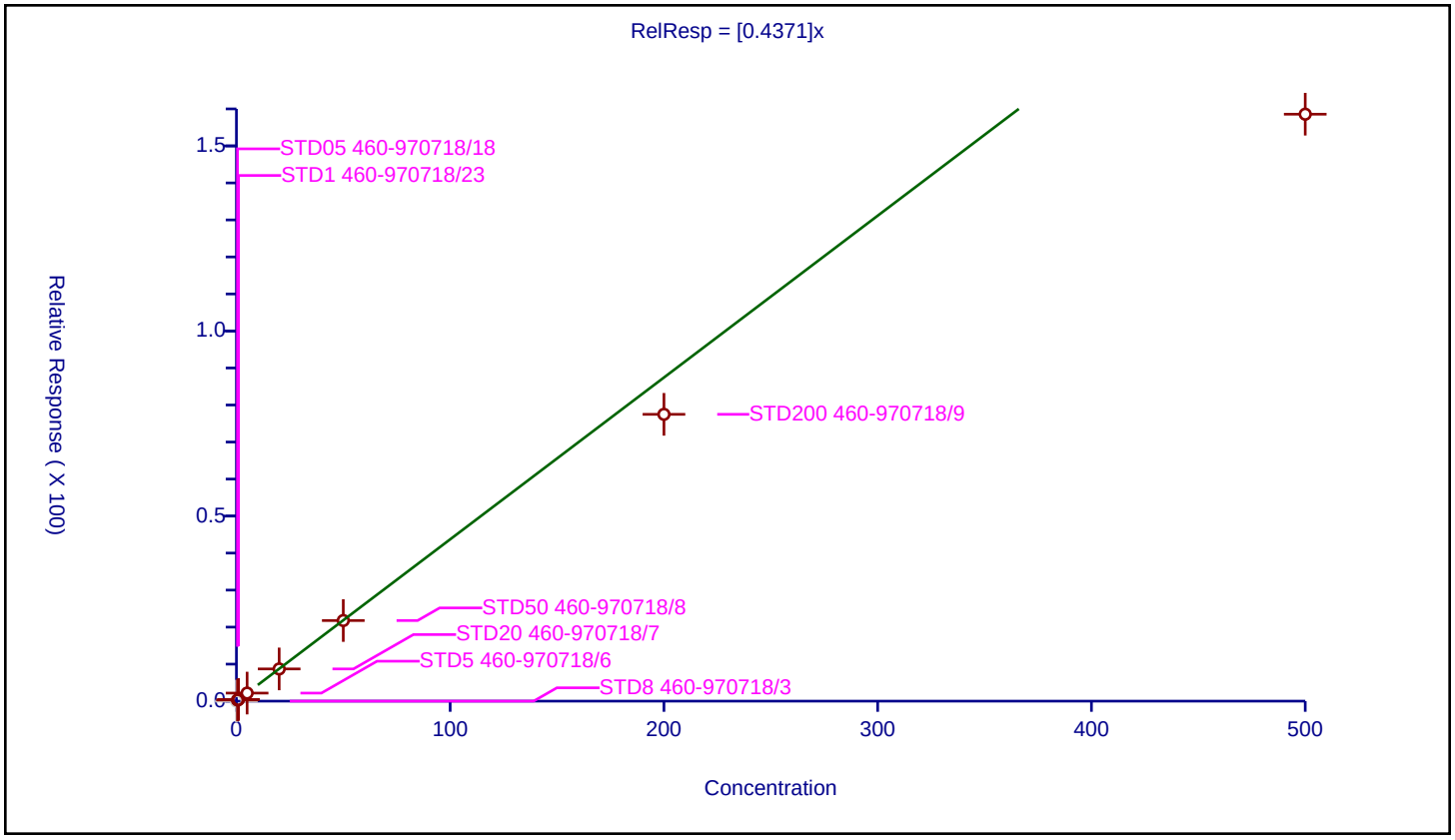
Curve Coefficients

Intercept:	0
Slope:	0.4371

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.302226	50.0	548431.0	0.604452	Y
3	STD1 460-970718/23	1.0	0.444505	50.0	565235.0	0.444505	Y
4	STD5 460-970718/6	5.0	2.180099	50.0	408720.0	0.43602	Y
5	STD20 460-970718/7	20.0	8.699137	50.0	520862.0	0.434957	Y
6	STD50 460-970718/8	50.0	21.774807	50.0	488746.0	0.435496	Y
7	STD200 460-970718/9	200.0	77.481814	50.0	479206.0	0.387409	Y
8	STD500 460-970718/10	500.0	158.570412	50.0	456705.0	0.317141	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

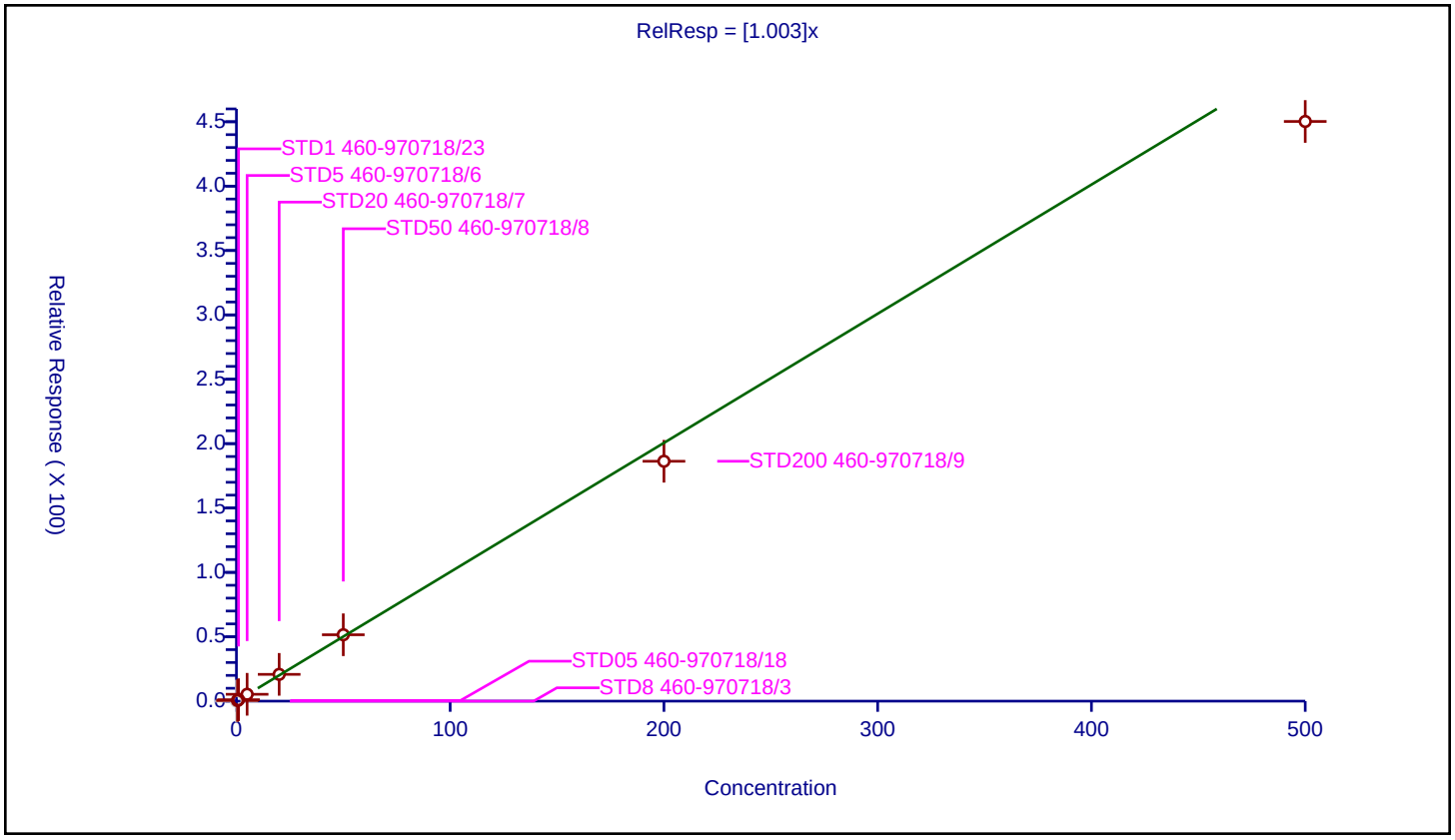
Curve Coefficients

Intercept:	0
Slope:	1.003

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.47645	50.0	548431.0	0.9529	Y
3	STD1 460-970718/23	1.0	1.098481	50.0	565235.0	1.098481	Y
4	STD5 460-970718/6	5.0	5.333113	50.0	408720.0	1.066623	Y
5	STD20 460-970718/7	20.0	20.790248	50.0	520862.0	1.039512	Y
6	STD50 460-970718/8	50.0	51.557455	50.0	488746.0	1.031149	Y
7	STD200 460-970718/9	200.0	186.322688	50.0	479206.0	0.931613	Y
8	STD500 460-970718/10	500.0	450.242826	50.0	456705.0	0.900486	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

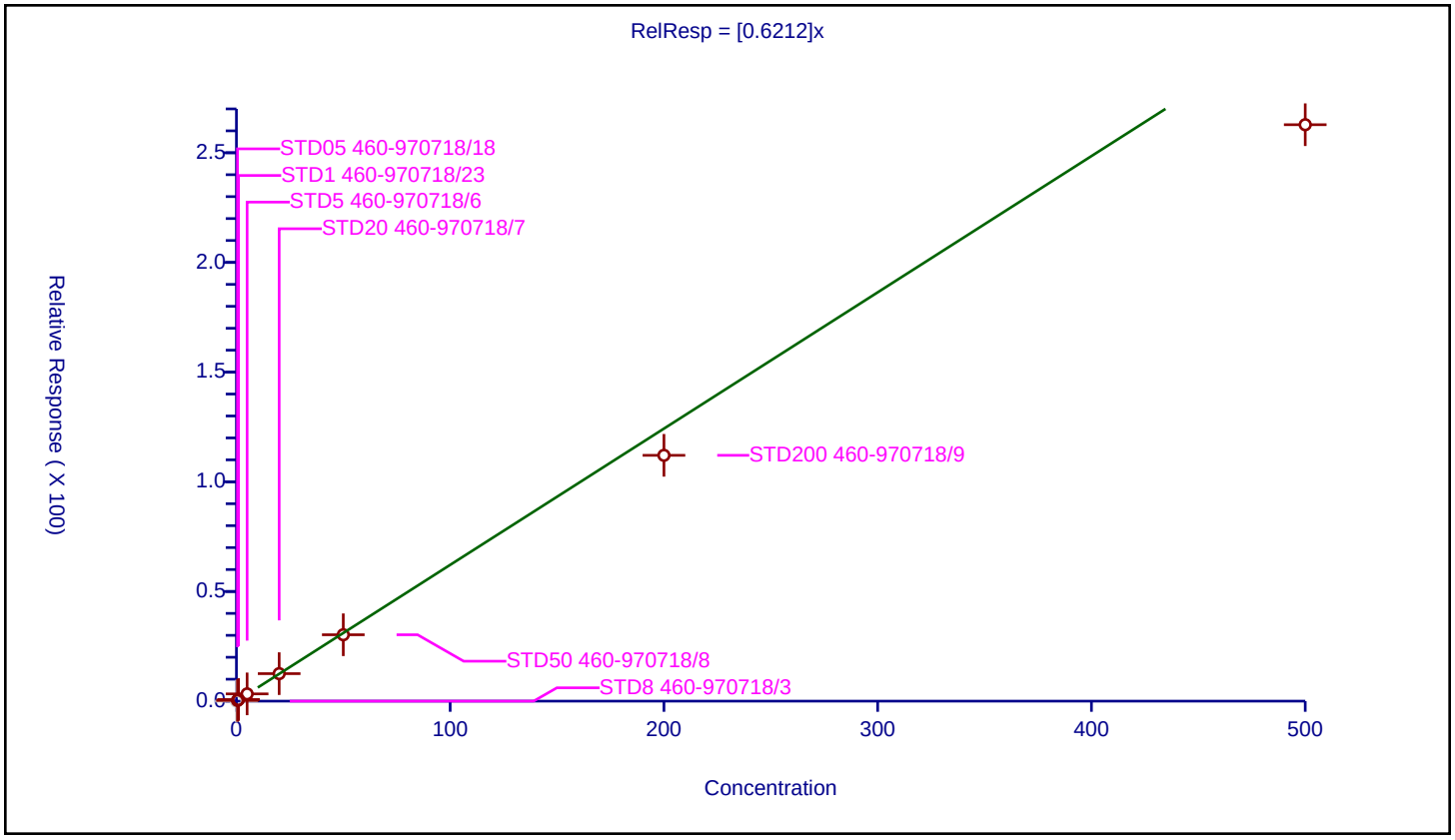
Curve Coefficients

Intercept:	0
Slope:	0.6212

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.31973	50.0	548431.0	0.639461	Y
3	STD1 460-970718/23	1.0	0.729077	50.0	565235.0	0.729077	Y
4	STD5 460-970718/6	5.0	3.308867	50.0	408720.0	0.661773	Y
5	STD20 460-970718/7	20.0	12.53979	50.0	520862.0	0.626989	Y
6	STD50 460-970718/8	50.0	30.2648	50.0	488746.0	0.605296	Y
7	STD200 460-970718/9	200.0	112.061201	50.0	479206.0	0.560306	Y
8	STD500 460-970718/10	500.0	262.786044	50.0	456705.0	0.525572	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

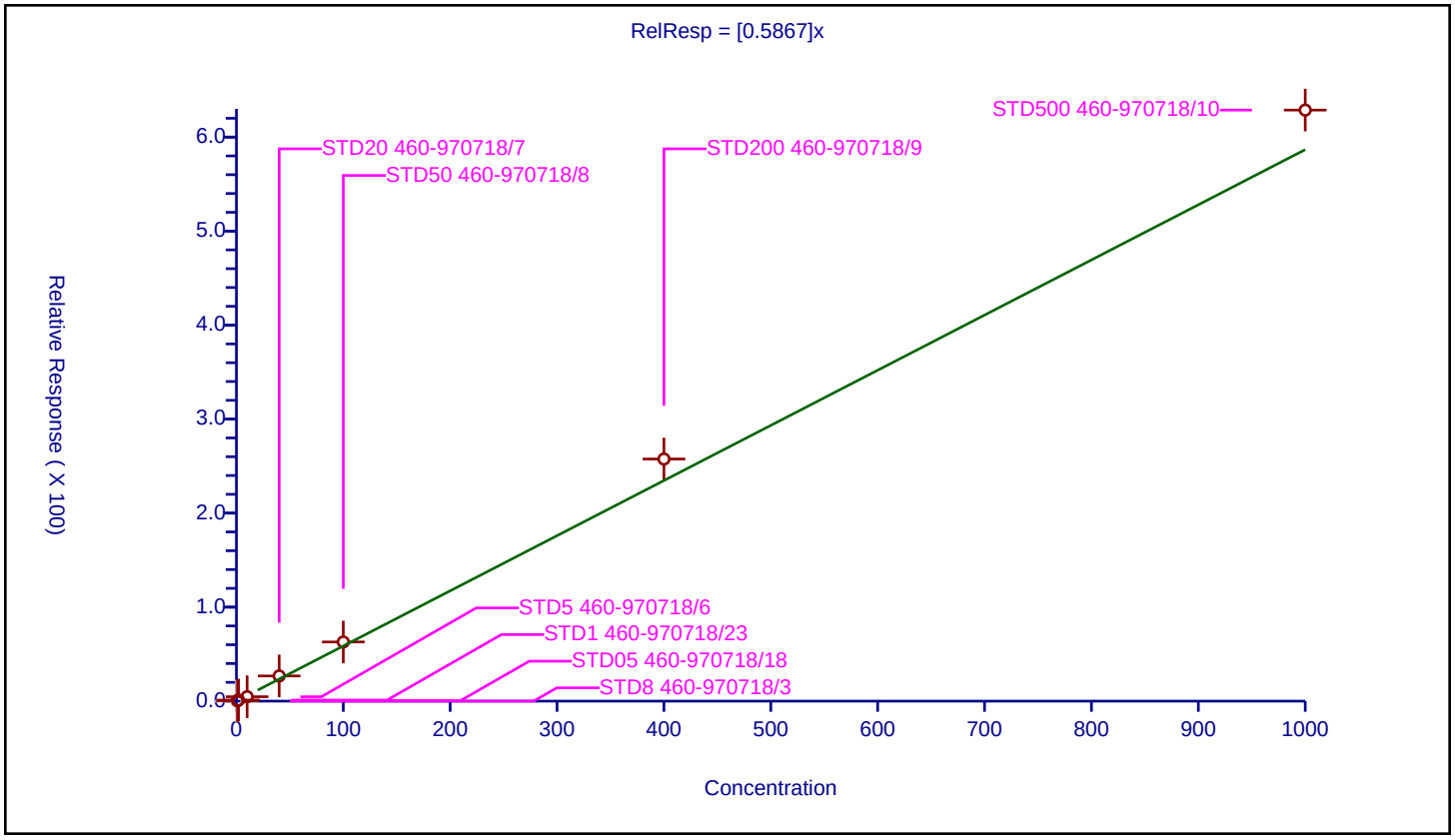
Curve Coefficients

Intercept:	0
Slope:	0.5867

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	1.0	0.496285	250.0	320884.0	0.496285	Y
3	STD1 460-970718/23	2.0	1.14017	250.0	321224.0	0.570085	Y
4	STD5 460-970718/6	10.0	4.690389	250.0	252591.0	0.469039	Y
5	STD20 460-970718/7	40.0	26.778663	250.0	298820.0	0.669467	Y
6	STD50 460-970718/8	100.0	62.929413	250.0	284982.0	0.629294	Y
7	STD200 460-970718/9	400.0	257.53726	250.0	243424.0	0.643843	Y
8	STD500 460-970718/10	1000.0	628.714346	250.0	226655.0	0.628714	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

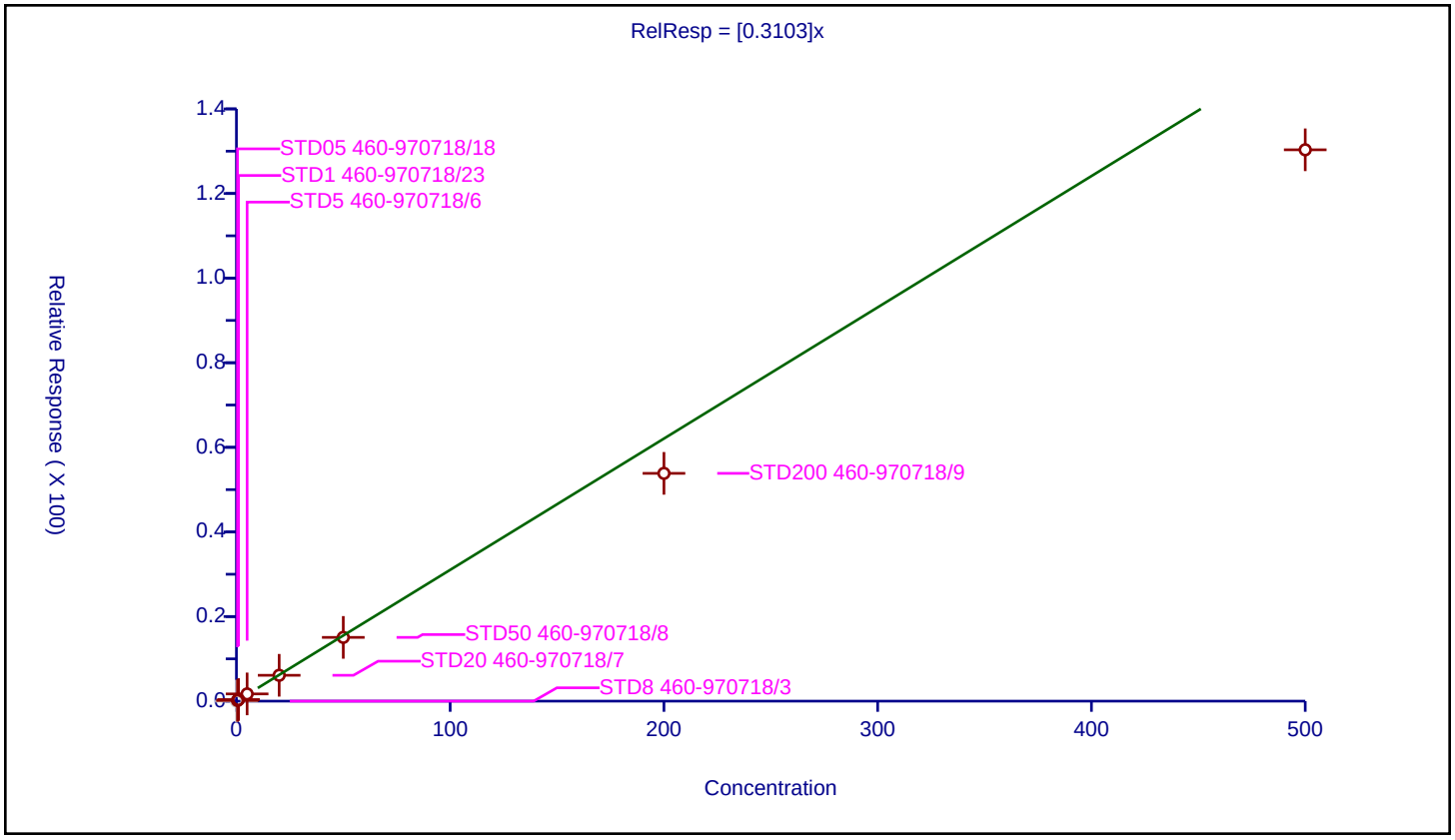
Curve Coefficients

Intercept:	0
Slope:	0.3103

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.159181	50.0	548431.0	0.318363	Y
3	STD1 460-970718/23	1.0	0.375419	50.0	565235.0	0.375419	Y
4	STD5 460-970718/6	5.0	1.707037	50.0	408720.0	0.341407	Y
5	STD20 460-970718/7	20.0	6.111696	50.0	520862.0	0.305585	Y
6	STD50 460-970718/8	50.0	15.072144	50.0	488746.0	0.301443	Y
7	STD200 460-970718/9	200.0	53.843754	50.0	479206.0	0.269219	Y
8	STD500 460-970718/10	500.0	130.329534	50.0	456705.0	0.260659	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

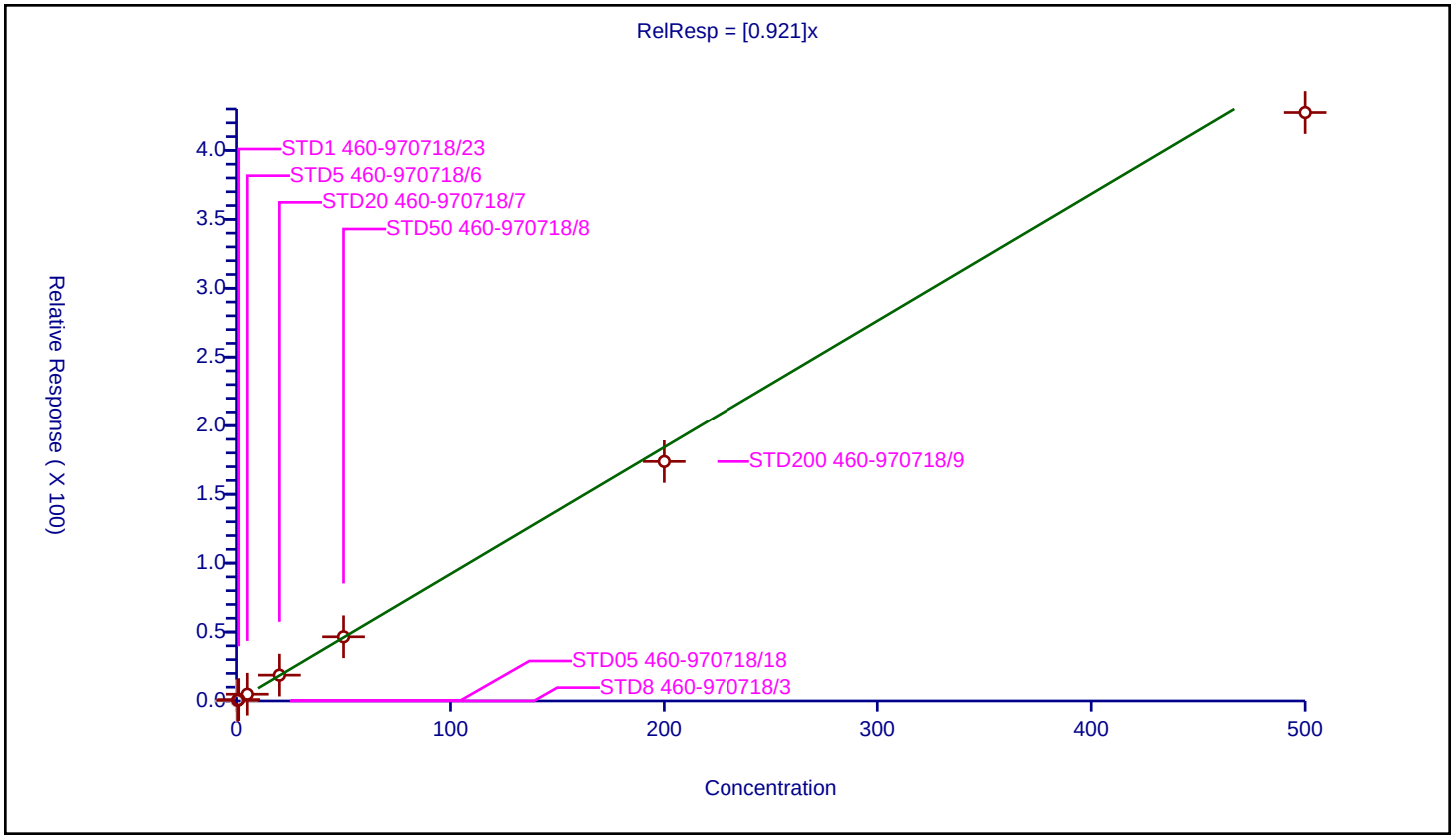
Curve Coefficients

Intercept:	0
Slope:	0.921

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.429407	50.0	548431.0	0.858814	Y
3	STD1 460-970718/23	1.0	1.01533	50.0	565235.0	1.01533	Y
4	STD5 460-970718/6	5.0	4.901155	50.0	408720.0	0.980231	Y
5	STD20 460-970718/7	20.0	18.744024	50.0	520862.0	0.937201	Y
6	STD50 460-970718/8	50.0	46.561711	50.0	488746.0	0.931234	Y
7	STD200 460-970718/9	200.0	173.795612	50.0	479206.0	0.868978	Y
8	STD500 460-970718/10	500.0	427.464227	50.0	456705.0	0.854928	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

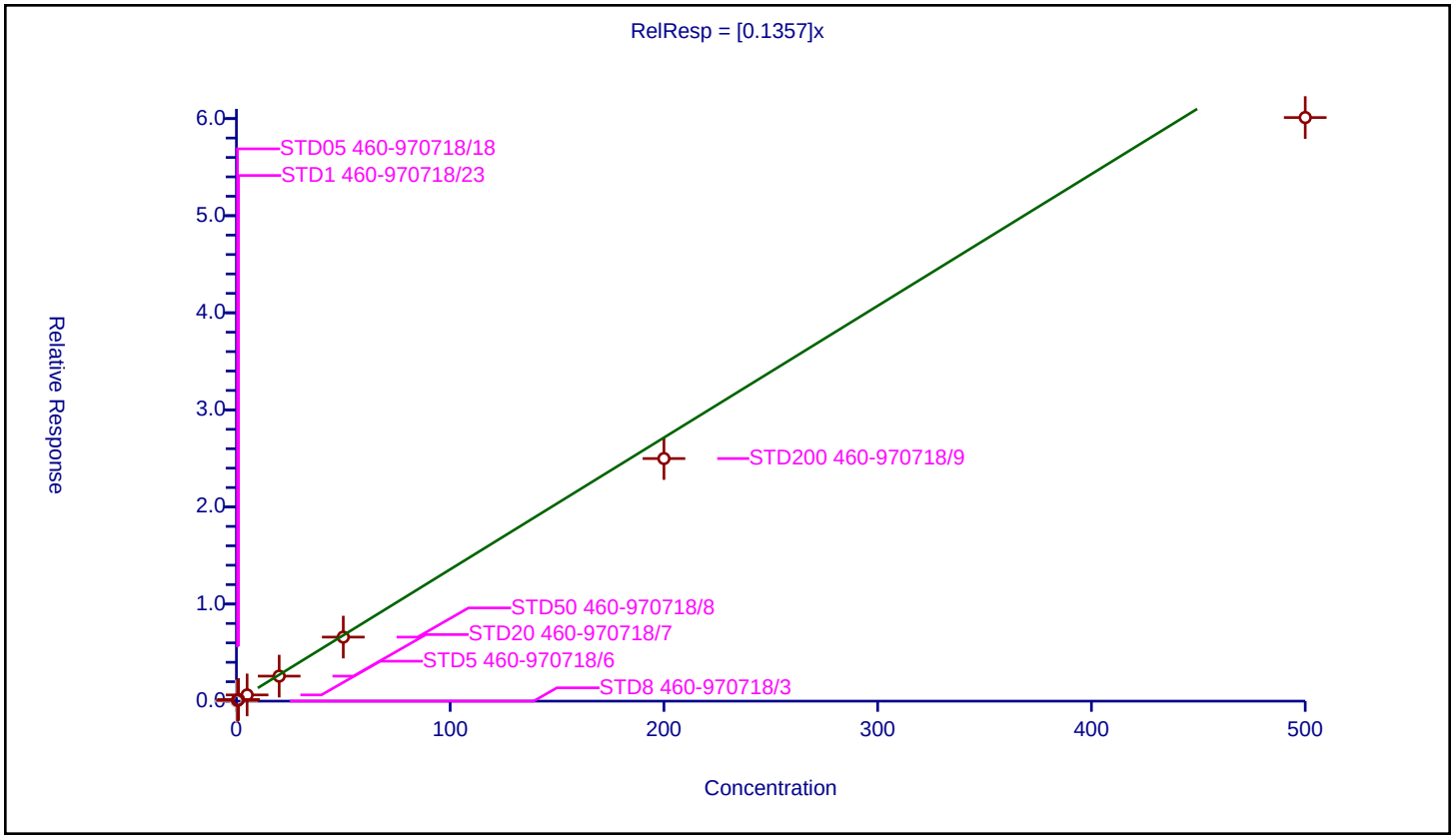
Curve Coefficients

Intercept:	0
Slope:	0.1357

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.074941	50.0	548431.0	0.149882	Y
3	STD1 460-970718/23	1.0	0.166214	50.0	565235.0	0.166214	Y
4	STD5 460-970718/6	5.0	0.639802	50.0	408720.0	0.12796	Y
5	STD20 460-970718/7	20.0	2.576786	50.0	520862.0	0.128839	Y
6	STD50 460-970718/8	50.0	6.597292	50.0	488746.0	0.131946	Y
7	STD200 460-970718/9	200.0	24.985601	50.0	479206.0	0.124928	Y
8	STD500 460-970718/10	500.0	60.10948	50.0	456705.0	0.120219	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

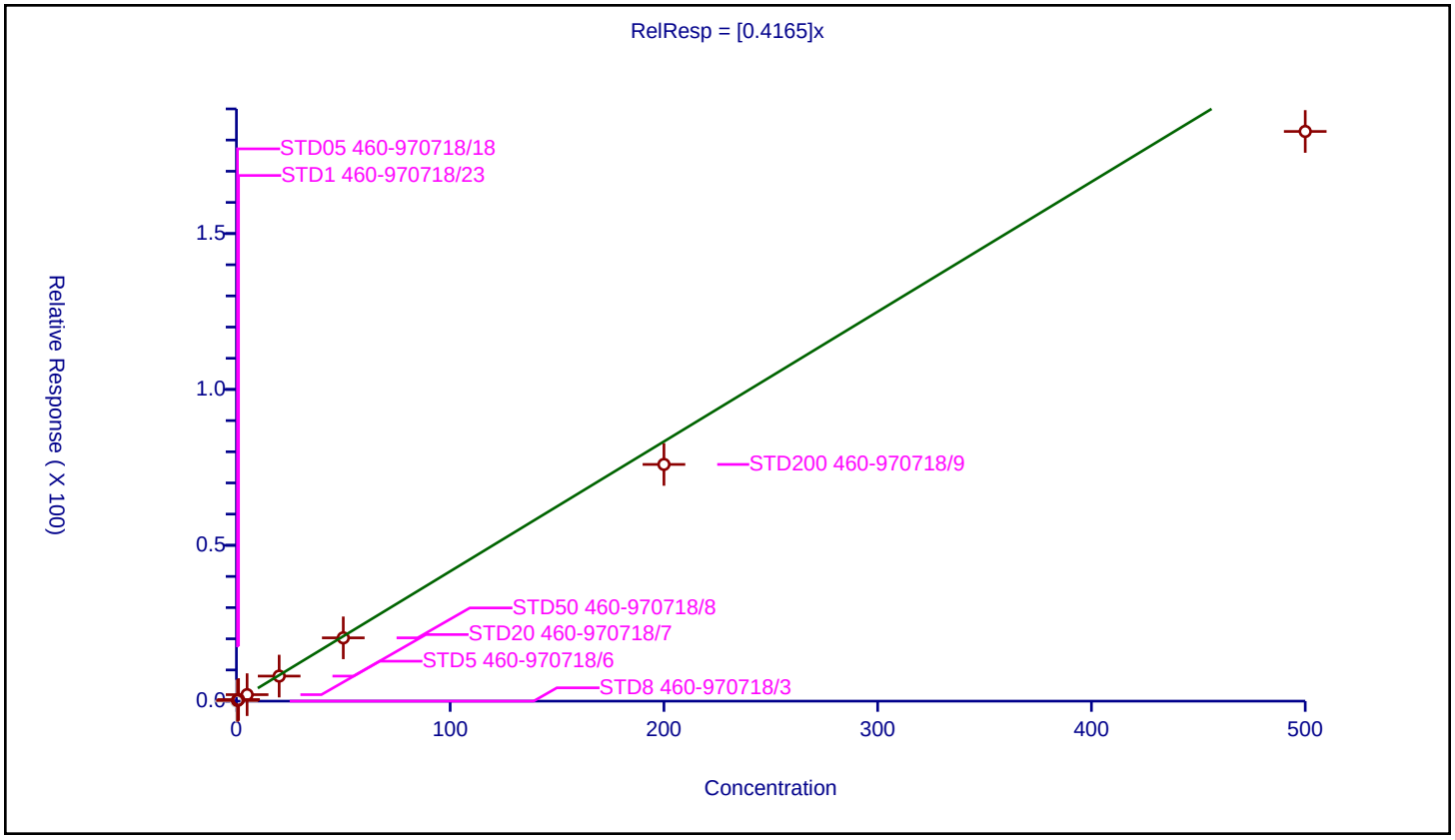
Curve Coefficients

Intercept:	0
Slope:	0.4165

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.21908	50.0	548431.0	0.438159	Y
3	STD1 460-970718/23	1.0	0.508107	50.0	565235.0	0.508107	Y
4	STD5 460-970718/6	5.0	2.08052	50.0	408720.0	0.416104	Y
5	STD20 460-970718/7	20.0	8.03399	50.0	520862.0	0.401699	Y
6	STD50 460-970718/8	50.0	20.304923	50.0	488746.0	0.406098	Y
7	STD200 460-970718/9	200.0	75.942601	50.0	479206.0	0.379713	Y
8	STD500 460-970718/10	500.0	182.764038	50.0	456705.0	0.365528	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

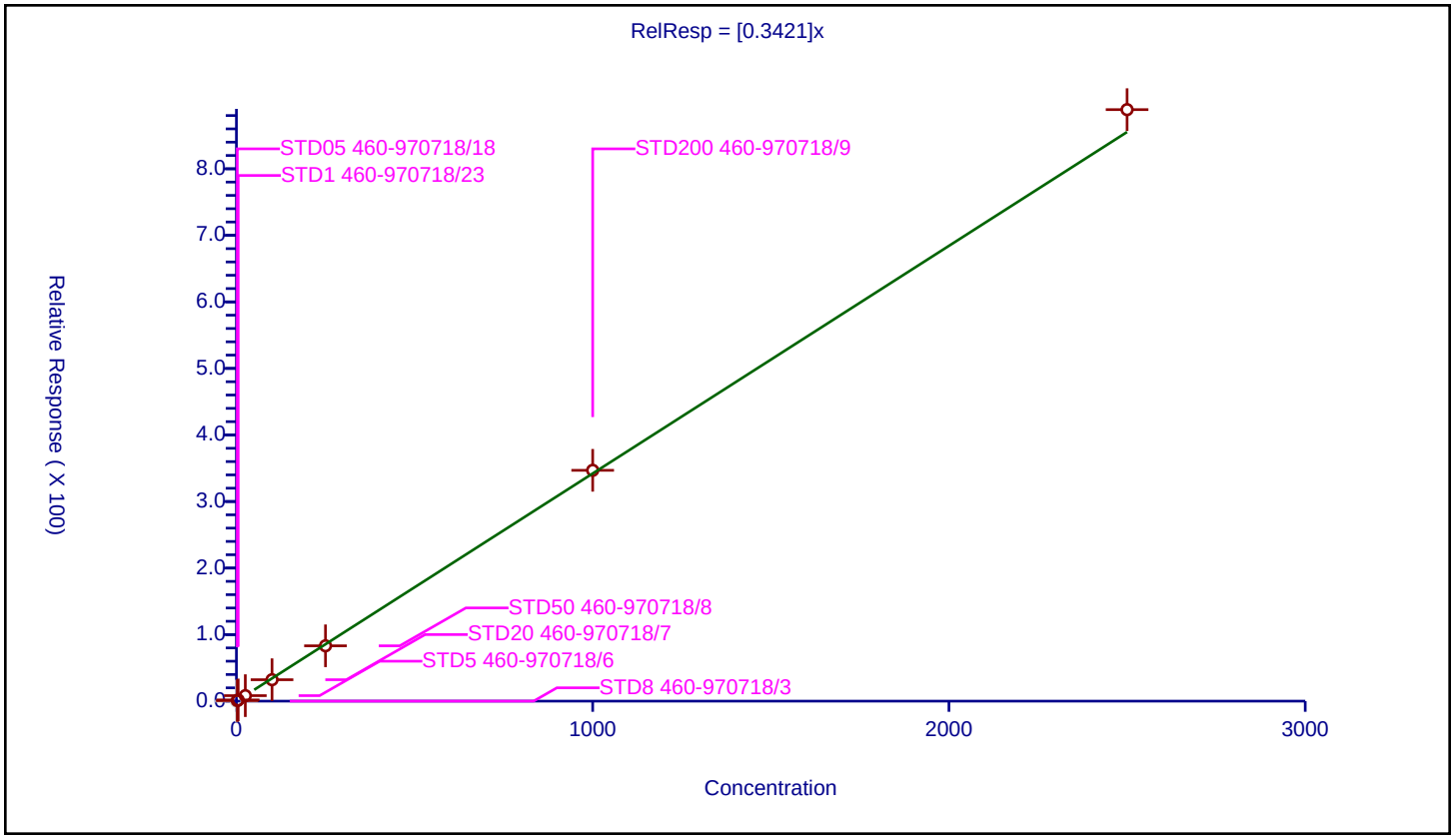
Curve Coefficients

Intercept:	0
Slope:	0.3421

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	2.5	0.866357	250.0	320884.0	0.346543	Y
3	STD1 460-970718/23	5.0	1.804815	250.0	321224.0	0.360963	Y
4	STD5 460-970718/6	25.0	8.252471	250.0	252591.0	0.330099	Y
5	STD20 460-970718/7	100.0	32.207516	250.0	298820.0	0.322075	Y
6	STD50 460-970718/8	250.0	83.148234	250.0	284982.0	0.332593	Y
7	STD200 460-970718/9	1000.0	346.851584	250.0	243424.0	0.346852	Y
8	STD500 460-970718/10	2500.0	888.860824	250.0	226655.0	0.355544	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

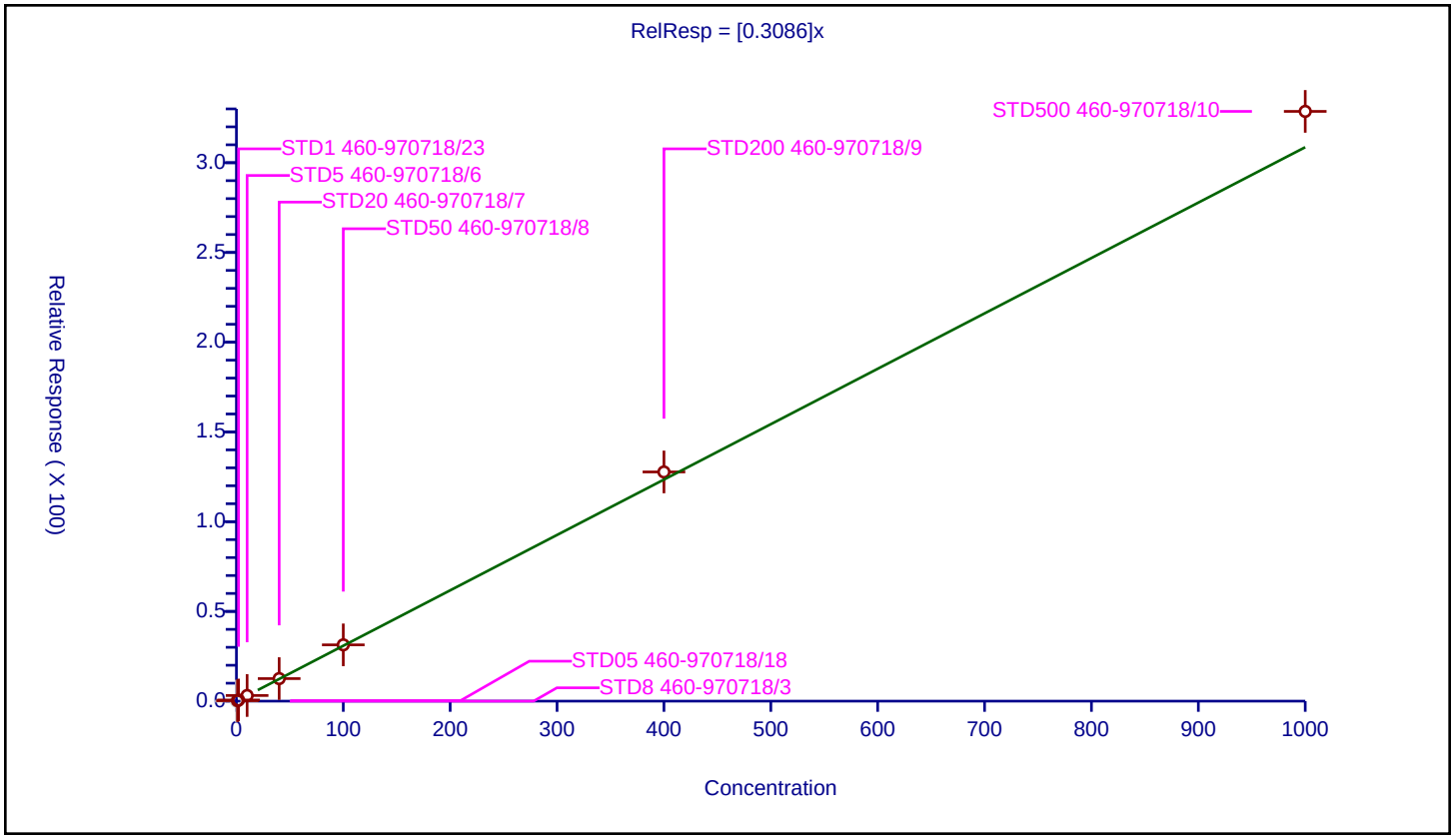
Curve Coefficients

Intercept:	0
Slope:	0.3086

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	1.0	0.257881	250.0	320884.0	0.257881	Y
3	STD1 460-970718/23	2.0	0.627288	250.0	321224.0	0.313644	Y
4	STD5 460-970718/6	10.0	3.132534	250.0	252591.0	0.313253	Y
5	STD20 460-970718/7	40.0	12.566093	250.0	298820.0	0.314152	Y
6	STD50 460-970718/8	100.0	31.367771	250.0	284982.0	0.313678	Y
7	STD200 460-970718/9	400.0	127.705156	250.0	243424.0	0.319263	Y
8	STD500 460-970718/10	1000.0	328.609561	250.0	226655.0	0.32861	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

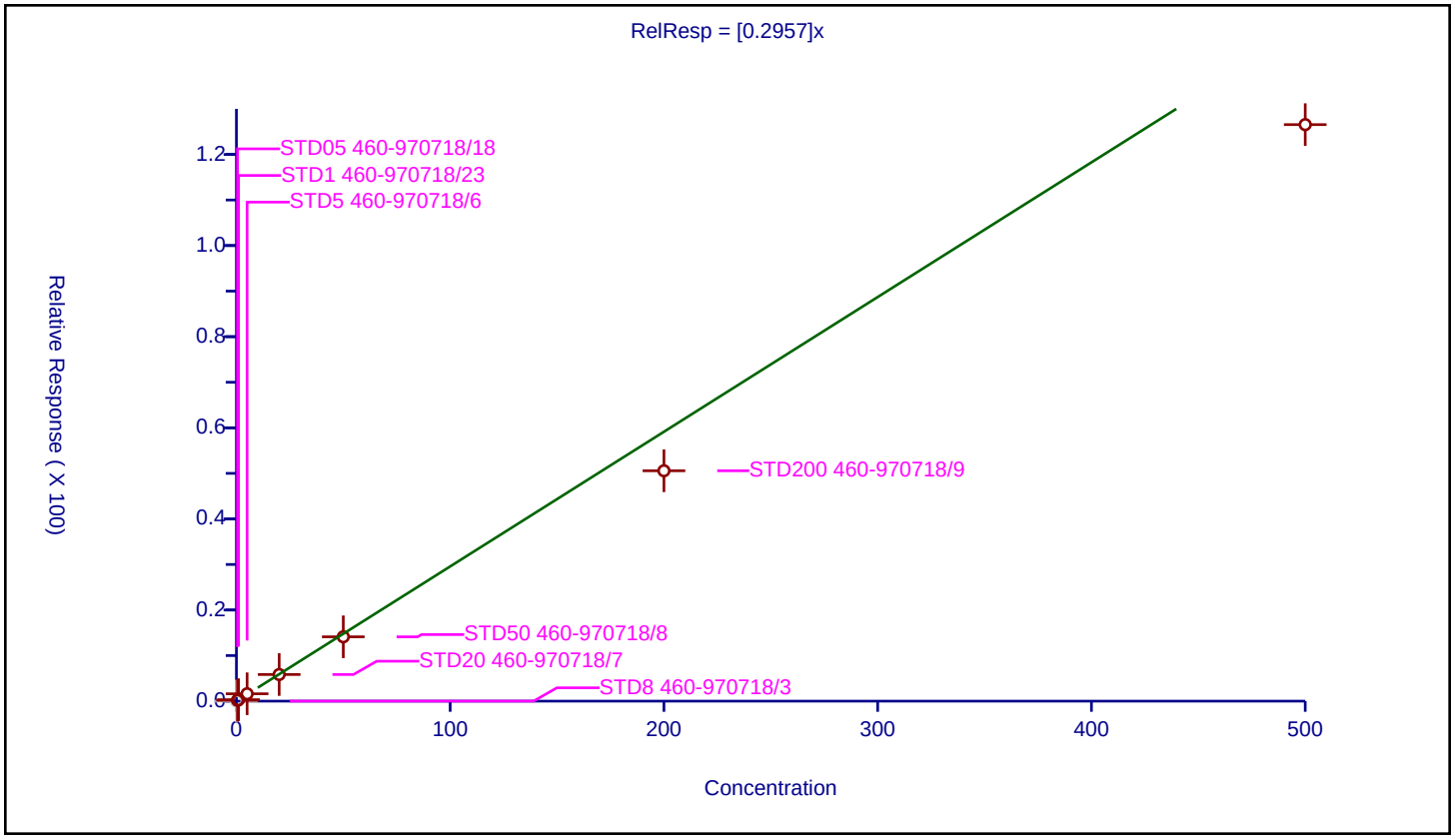
Curve Coefficients

Intercept:	0
Slope:	0.2957

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.177324	50.0	548431.0	0.354648	Y
3	STD1 460-970718/23	1.0	0.311552	50.0	565235.0	0.311552	Y
4	STD5 460-970718/6	5.0	1.614063	50.0	408720.0	0.322813	Y
5	STD20 460-970718/7	20.0	5.845022	50.0	520862.0	0.292251	Y
6	STD50 460-970718/8	50.0	14.121957	50.0	488746.0	0.282439	Y
7	STD200 460-970718/9	200.0	50.569171	50.0	479206.0	0.252846	Y
8	STD500 460-970718/10	500.0	126.546129	50.0	456705.0	0.253092	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

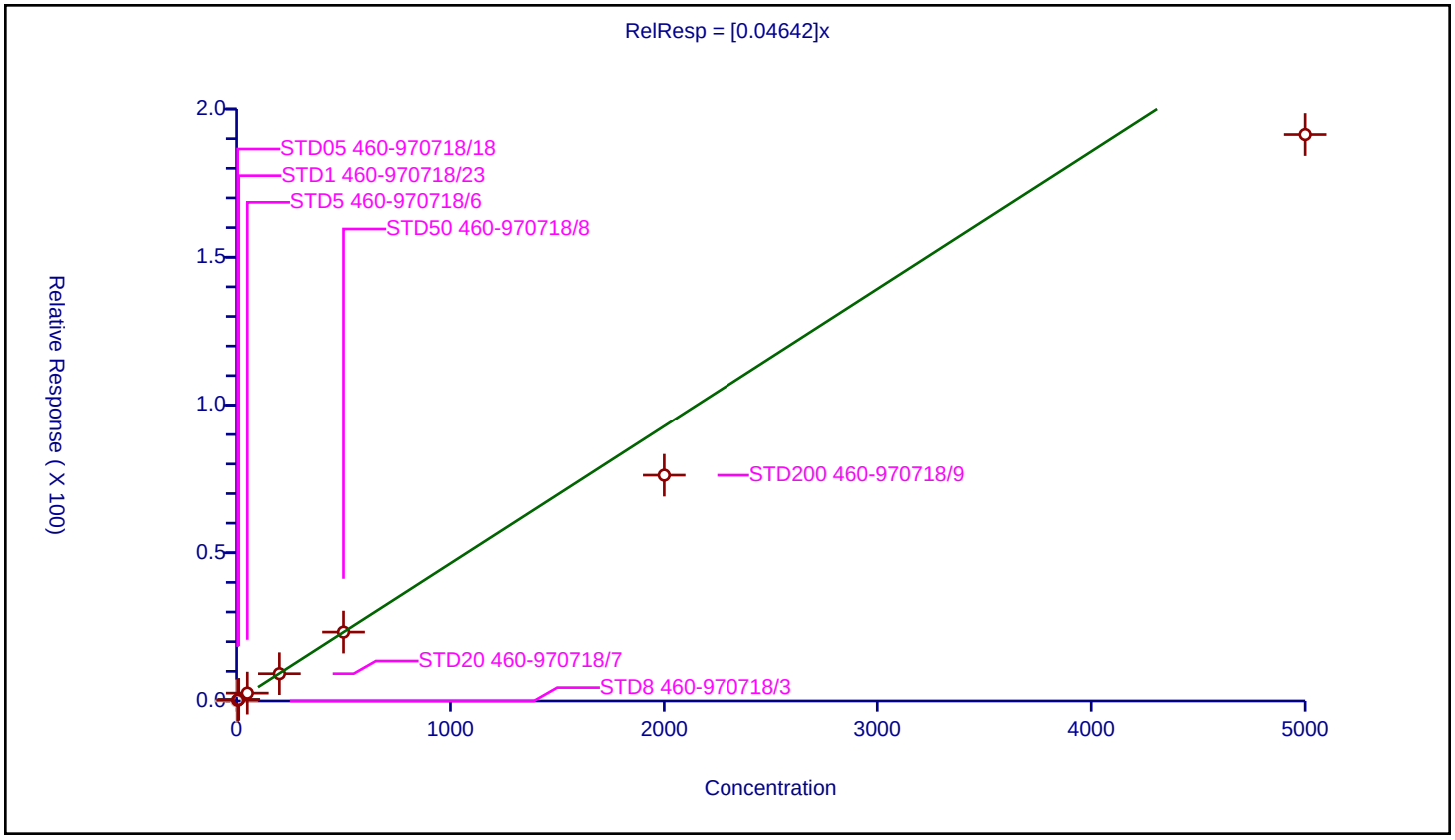
Curve Coefficients

Intercept:	0
Slope:	0.04642

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	5.0	0.250351	50.0	548431.0	0.05007	Y
3	STD1 460-970718/23	10.0	0.531018	50.0	565235.0	0.053102	Y
4	STD5 460-970718/6	50.0	2.6468	50.0	408720.0	0.052936	Y
5	STD20 460-970718/7	200.0	9.196102	50.0	520862.0	0.045981	Y
6	STD50 460-970718/8	500.0	23.236405	50.0	488746.0	0.046473	Y
7	STD200 460-970718/9	2000.0	76.219517	50.0	479206.0	0.03811	Y
8	STD500 460-970718/10	5000.0	191.391927	50.0	456705.0	0.038278	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

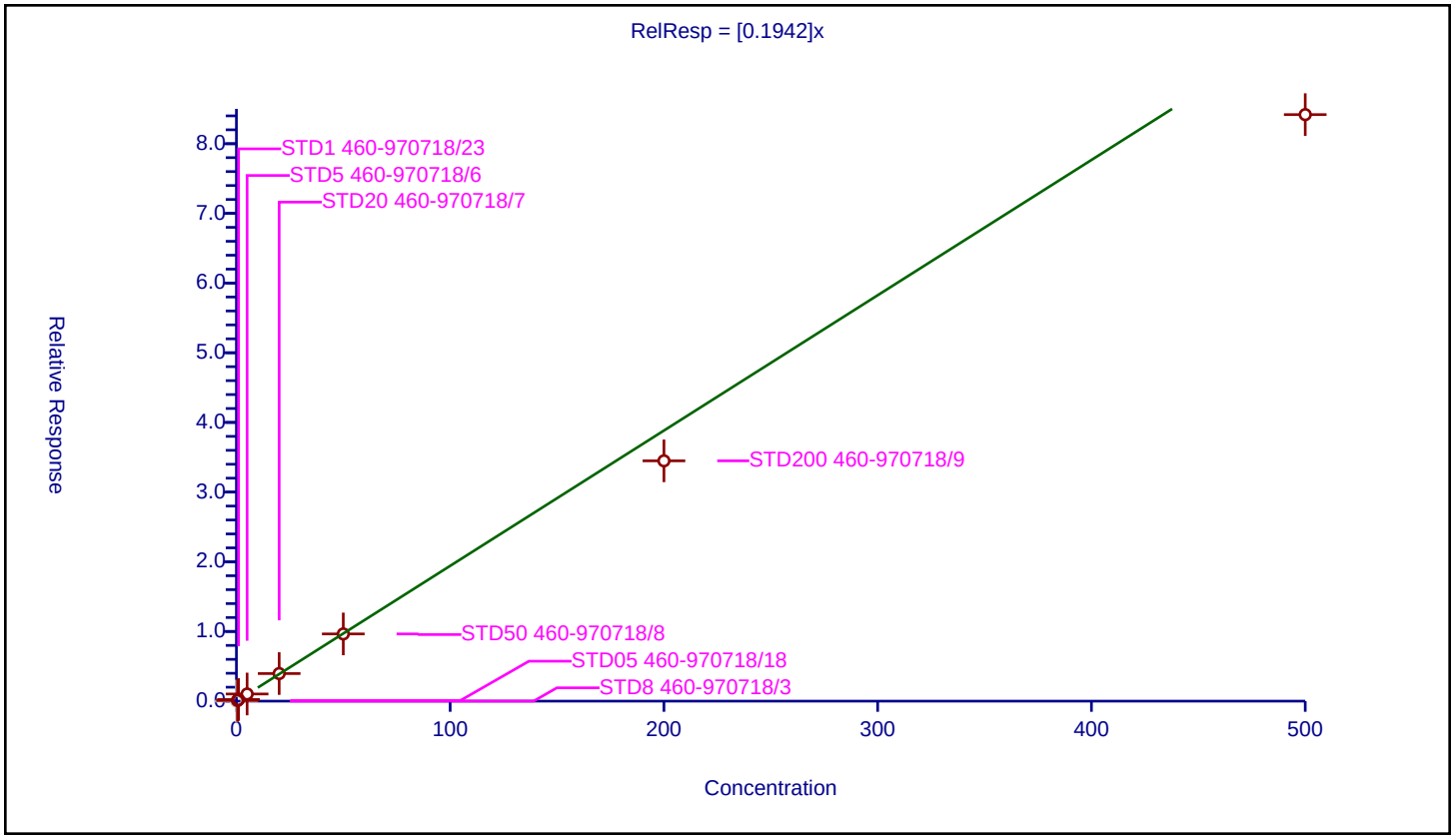
Curve Coefficients

Intercept:	0
Slope:	0.1942

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.095272	50.0	548431.0	0.190544	Y
3	STD1 460-970718/23	1.0	0.231762	50.0	565235.0	0.231762	Y
4	STD5 460-970718/6	5.0	1.02613	50.0	408720.0	0.205226	Y
5	STD20 460-970718/7	20.0	3.959206	50.0	520862.0	0.19796	Y
6	STD50 460-970718/8	50.0	9.64591	50.0	488746.0	0.192918	Y
7	STD200 460-970718/9	200.0	34.489969	50.0	479206.0	0.17245	Y
8	STD500 460-970718/10	500.0	84.179613	50.0	456705.0	0.168359	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

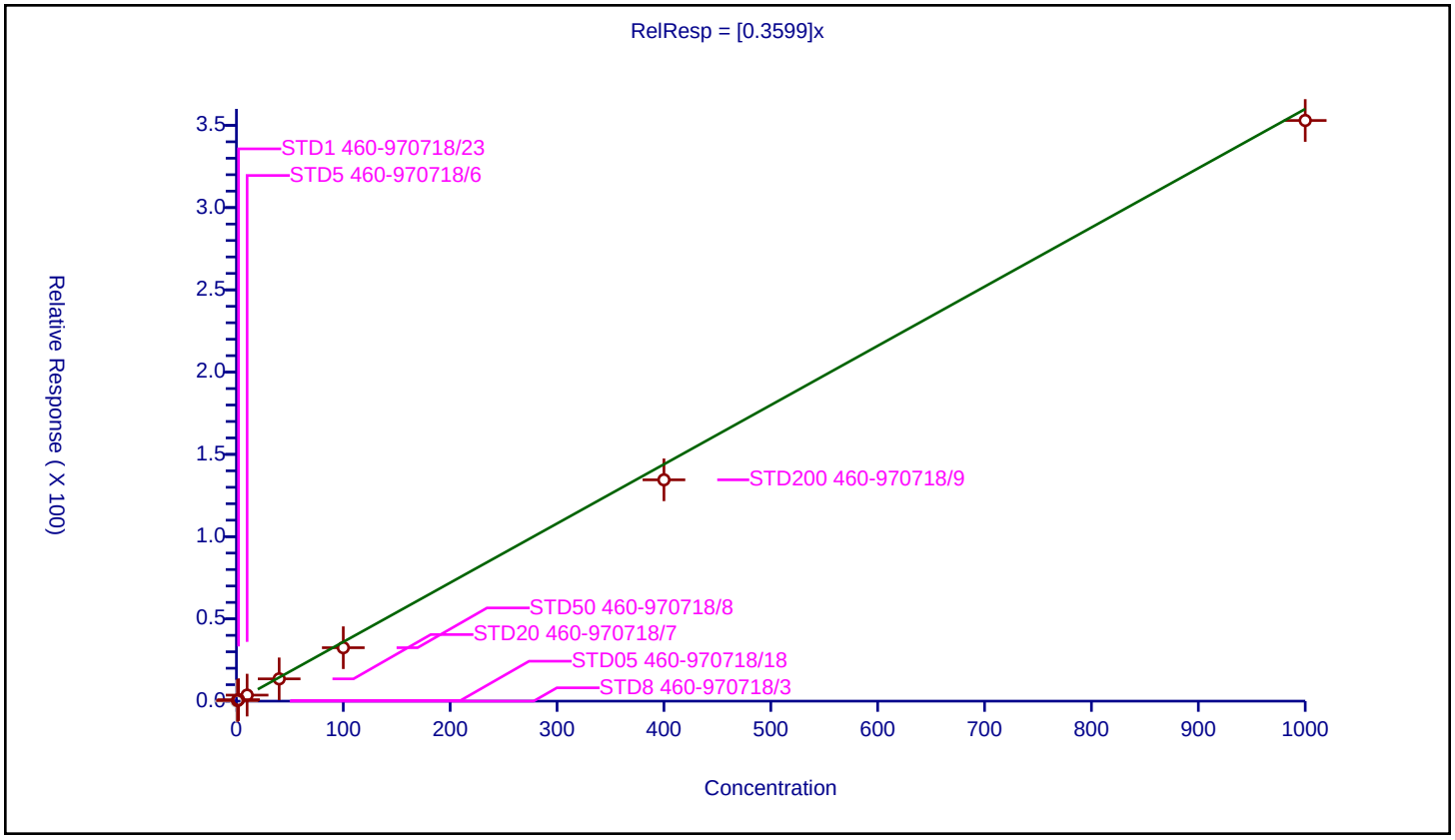
Curve Coefficients

Intercept:	0
Slope:	0.3599

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	1.0	0.356048	250.0	320884.0	0.356048	Y
3	STD1 460-970718/23	2.0	0.88801	250.0	321224.0	0.444005	Y
4	STD5 460-970718/6	10.0	3.668975	250.0	252591.0	0.366897	Y
5	STD20 460-970718/7	40.0	13.539087	250.0	298820.0	0.338477	Y
6	STD50 460-970718/8	100.0	32.483631	250.0	284982.0	0.324836	Y
7	STD200 460-970718/9	400.0	134.521452	250.0	243424.0	0.336304	Y
8	STD500 460-970718/10	1000.0	352.963755	250.0	226655.0	0.352964	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

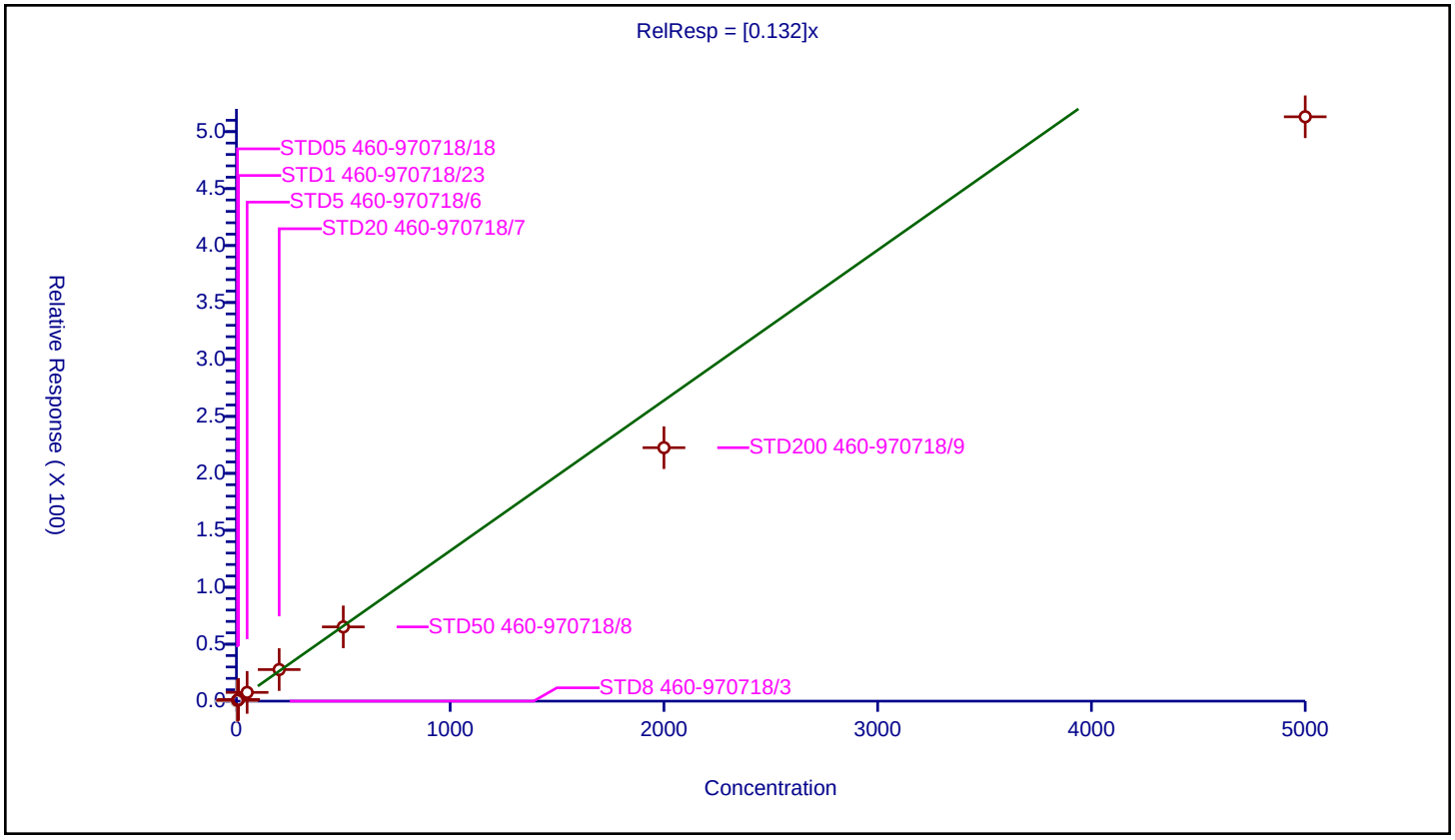
Curve Coefficients

Intercept:	0
Slope:	0.132

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	5.0	0.697991	50.0	548431.0	0.139598	Y
3	STD1 460-970718/23	10.0	1.478942	50.0	565235.0	0.147894	Y
4	STD5 460-970718/6	50.0	7.684234	50.0	408720.0	0.153685	Y
5	STD20 460-970718/7	200.0	27.722986	50.0	520862.0	0.138615	Y
6	STD50 460-970718/8	500.0	65.178948	50.0	488746.0	0.130358	Y
7	STD200 460-970718/9	2000.0	222.546045	50.0	479206.0	0.111273	Y
8	STD500 460-970718/10	5000.0	513.086237	50.0	456705.0	0.102617	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

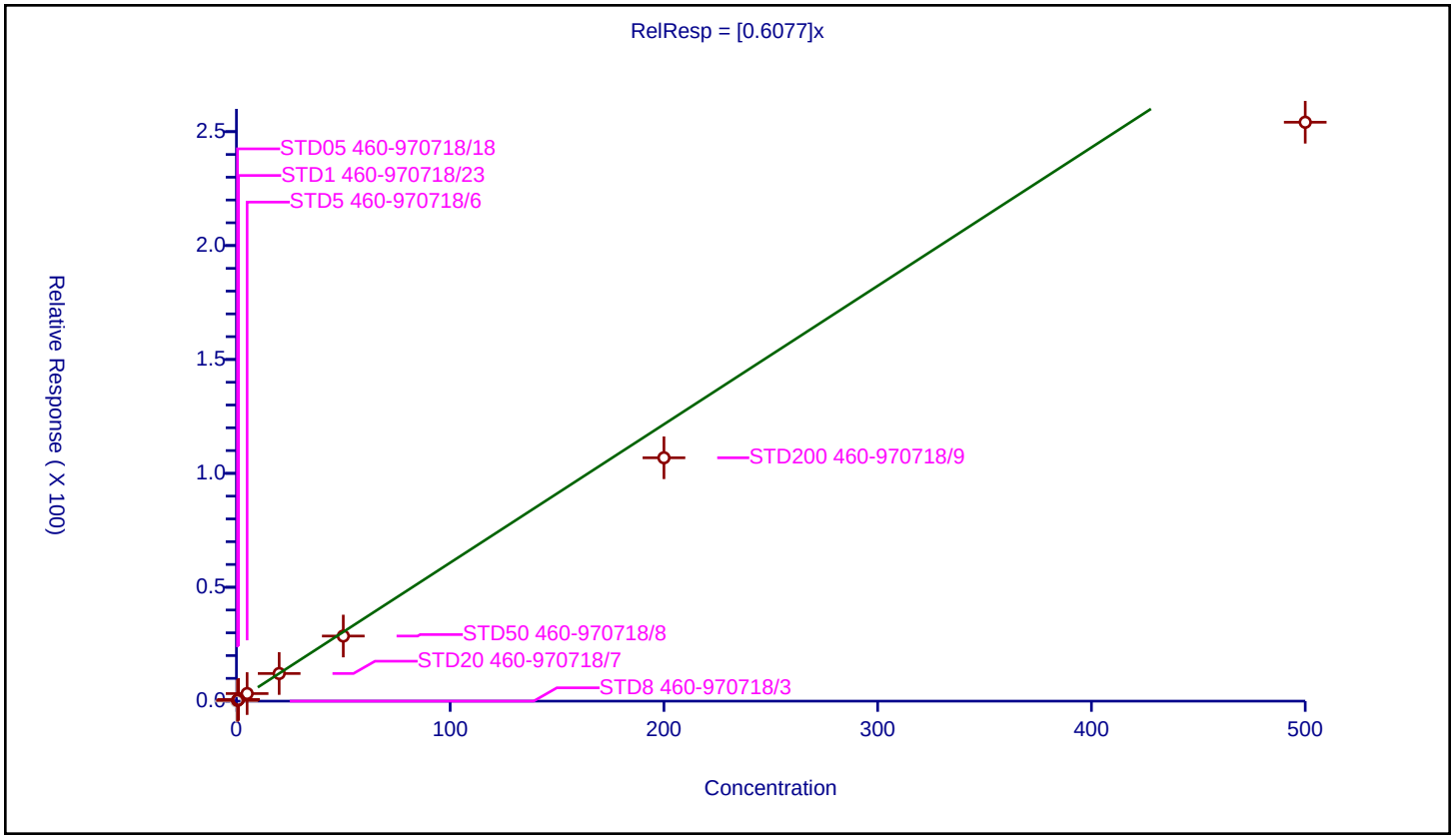
Curve Coefficients

Intercept:	0
Slope:	0.6077

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.31973	50.0	548431.0	0.639461	Y
3	STD1 460-970718/23	1.0	0.728812	50.0	565235.0	0.728812	Y
4	STD5 460-970718/6	5.0	3.325504	50.0	408720.0	0.665101	Y
5	STD20 460-970718/7	20.0	12.127109	50.0	520862.0	0.606355	Y
6	STD50 460-970718/8	50.0	28.580592	50.0	488746.0	0.571612	Y
7	STD200 460-970718/9	200.0	106.842777	50.0	479206.0	0.534214	Y
8	STD500 460-970718/10	500.0	254.136368	50.0	456705.0	0.508273	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

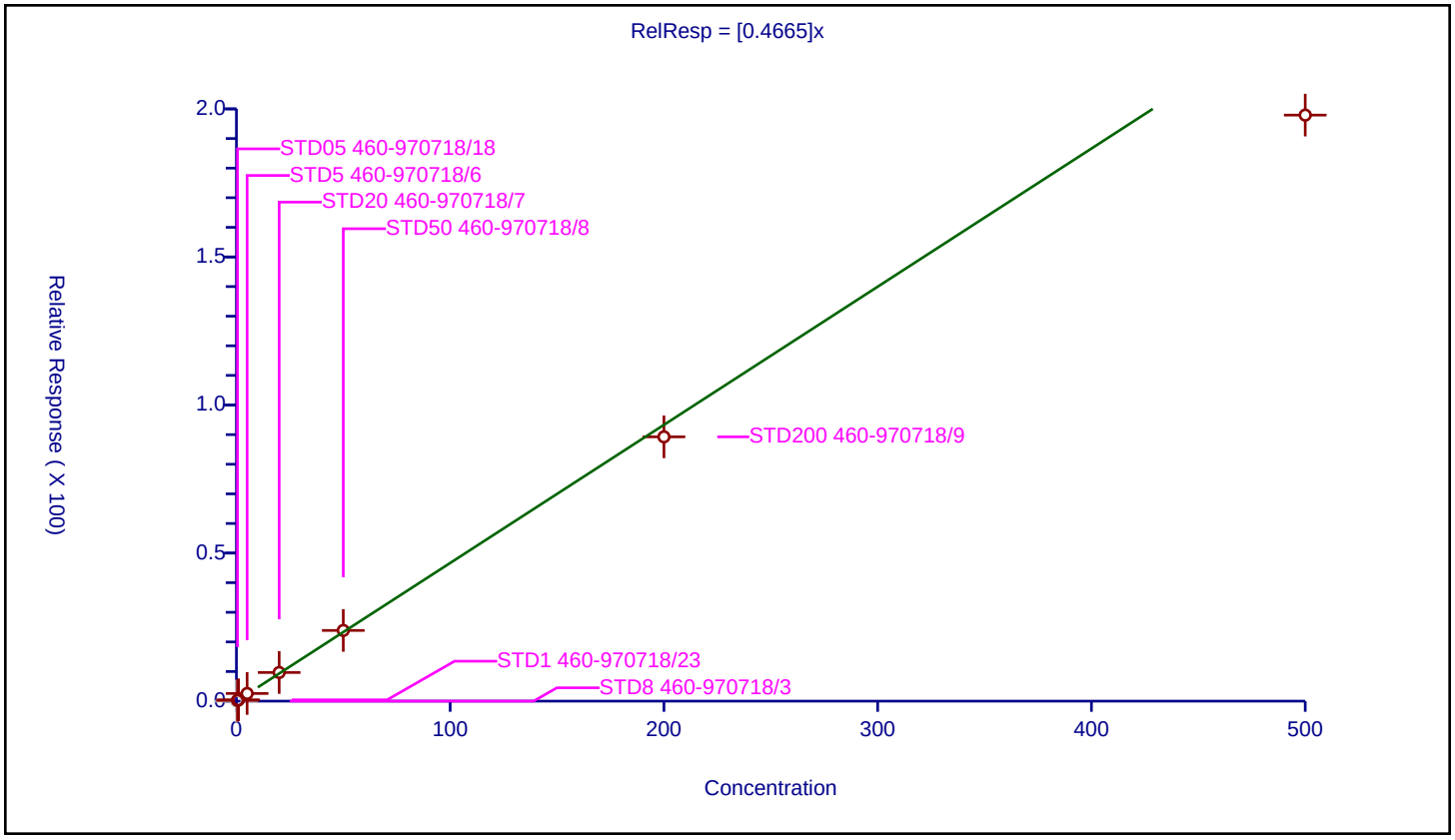
Curve Coefficients

Intercept:	0
Slope:	0.4665

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.250624	50.0	548431.0	0.501248	Y
3	STD1 460-970718/23	1.0	0.444771	50.0	565235.0	0.444771	Y
4	STD5 460-970718/6	5.0	2.581719	50.0	408720.0	0.516344	Y
5	STD20 460-970718/7	20.0	9.673004	50.0	520862.0	0.48365	Y
6	STD50 460-970718/8	50.0	23.879479	50.0	488746.0	0.47759	Y
7	STD200 460-970718/9	200.0	89.251804	50.0	479206.0	0.446259	Y
8	STD500 460-970718/10	500.0	197.905869	50.0	456705.0	0.395812	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

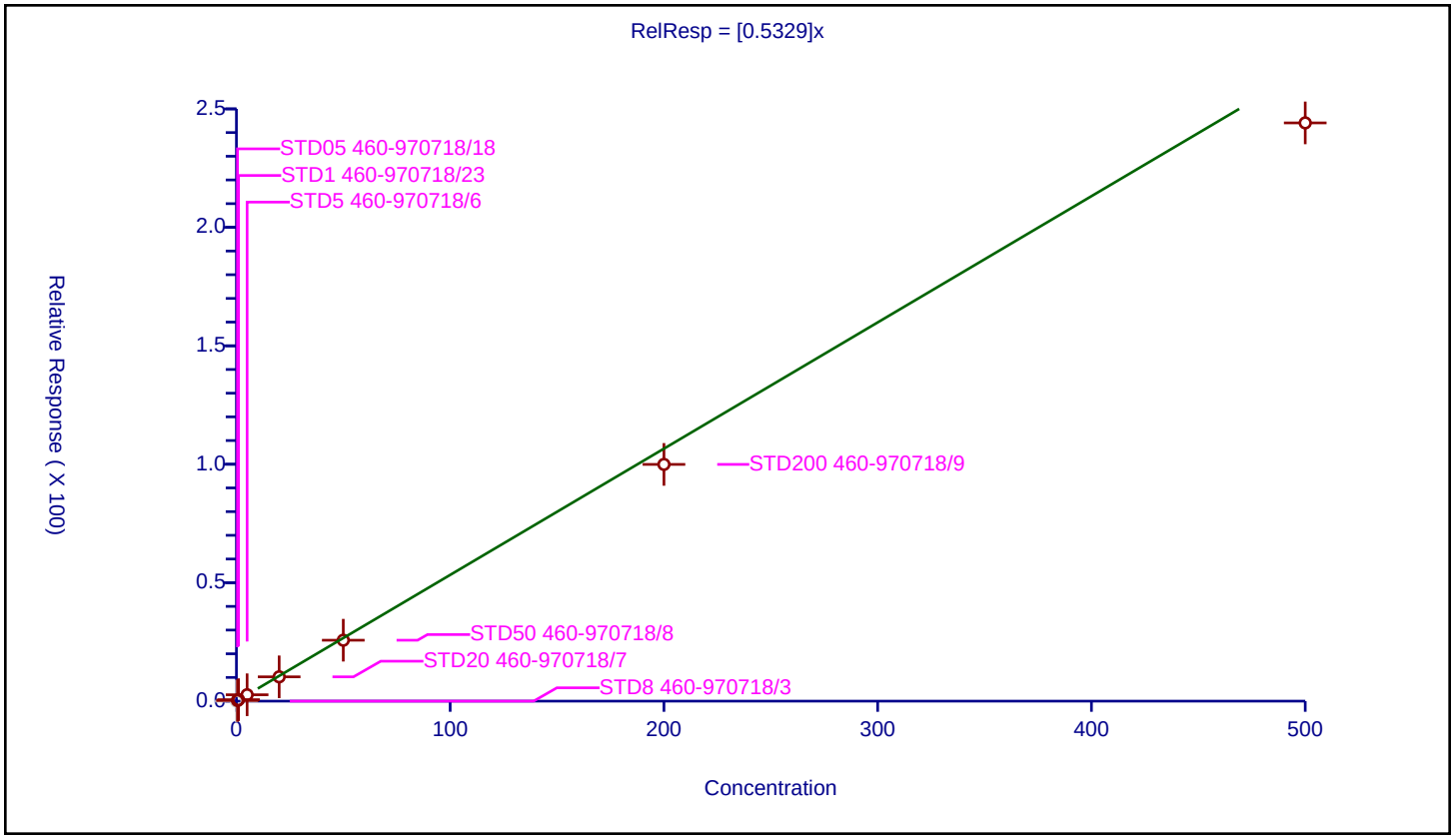
Curve Coefficients

Intercept:	0
Slope:	0.5329

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.280163	50.0	548431.0	0.560326	Y
3	STD1 460-970718/23	1.0	0.617177	50.0	565235.0	0.617177	Y
4	STD5 460-970718/6	5.0	2.687414	50.0	408720.0	0.537483	Y
5	STD20 460-970718/7	20.0	10.261355	50.0	520862.0	0.513068	Y
6	STD50 460-970718/8	50.0	25.720722	50.0	488746.0	0.514414	Y
7	STD200 460-970718/9	200.0	99.931136	50.0	479206.0	0.499656	Y
8	STD500 460-970718/10	500.0	244.085241	50.0	456705.0	0.48817	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

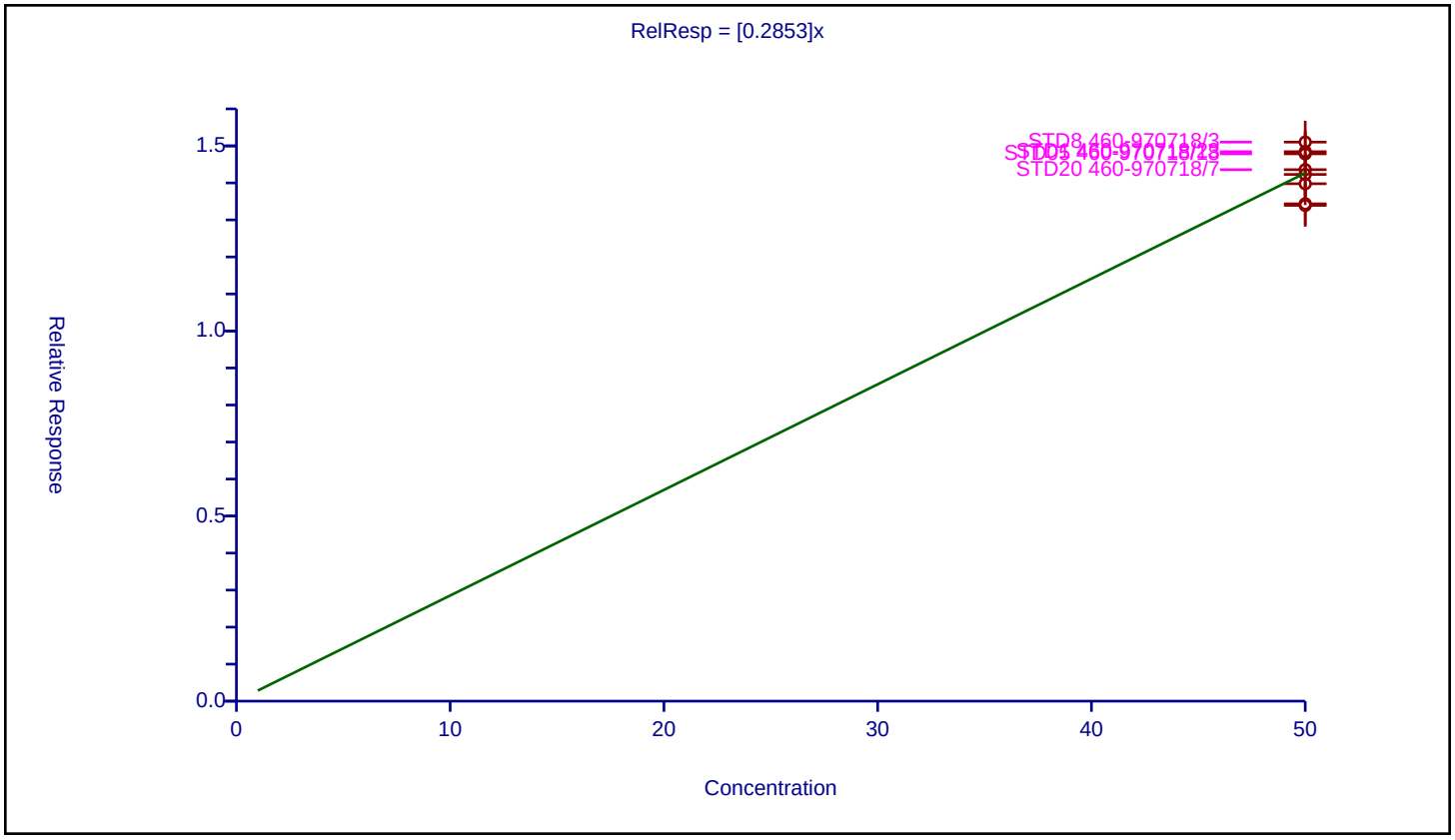
Curve Coefficients

Intercept:	0
Slope:	0.2853

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	50.0	15.102544	50.0	472235.0	0.302051	Y
2	STD5 460-970718/6	50.0	14.228934	50.0	408720.0	0.284579	Y
3	STD20 460-970718/7	50.0	14.35793	50.0	520862.0	0.287159	Y
4	STD50 460-970718/8	50.0	13.977813	50.0	488746.0	0.279556	Y
5	STD200 460-970718/9	50.0	13.435767	50.0	479206.0	0.268715	Y
6	STD500 460-970718/10	50.0	13.39289	50.0	456705.0	0.267858	Y
7	STD05 460-970718/18	50.0	14.786272	50.0	548431.0	0.295725	Y
8	STD1 460-970718/23	50.0	14.843649	50.0	565235.0	0.296873	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

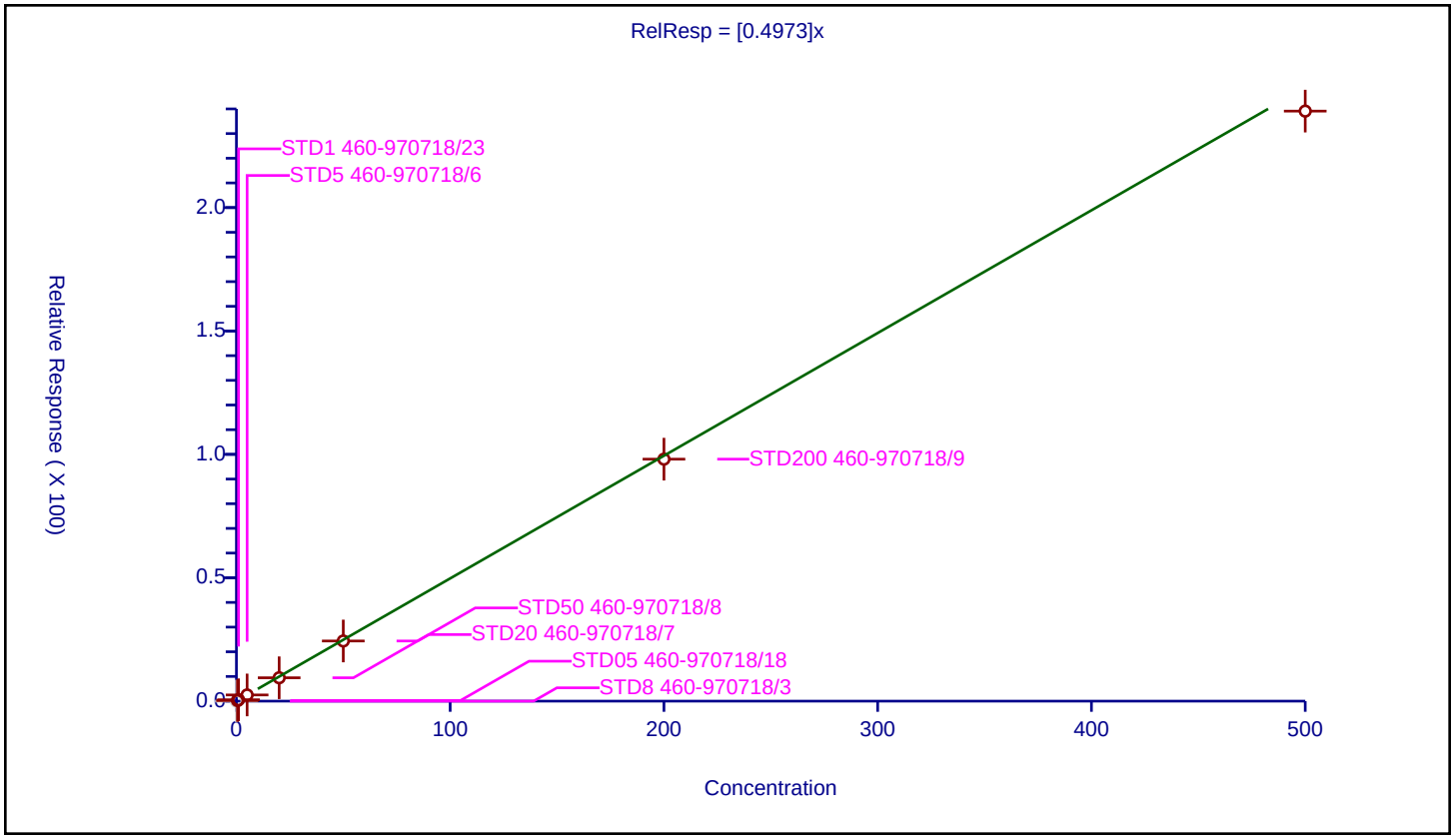
Curve Coefficients

Intercept:	0
Slope:	0.4973

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.247615	50.0	548431.0	0.495231	Y
3	STD1 460-970718/23	1.0	0.55331	50.0	565235.0	0.55331	Y
4	STD5 460-970718/6	5.0	2.513946	50.0	408720.0	0.502789	Y
5	STD20 460-970718/7	20.0	9.467191	50.0	520862.0	0.47336	Y
6	STD50 460-970718/8	50.0	24.378614	50.0	488746.0	0.487572	Y
7	STD200 460-970718/9	200.0	98.060333	50.0	479206.0	0.490302	Y
8	STD500 460-970718/10	500.0	239.102484	50.0	456705.0	0.478205	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

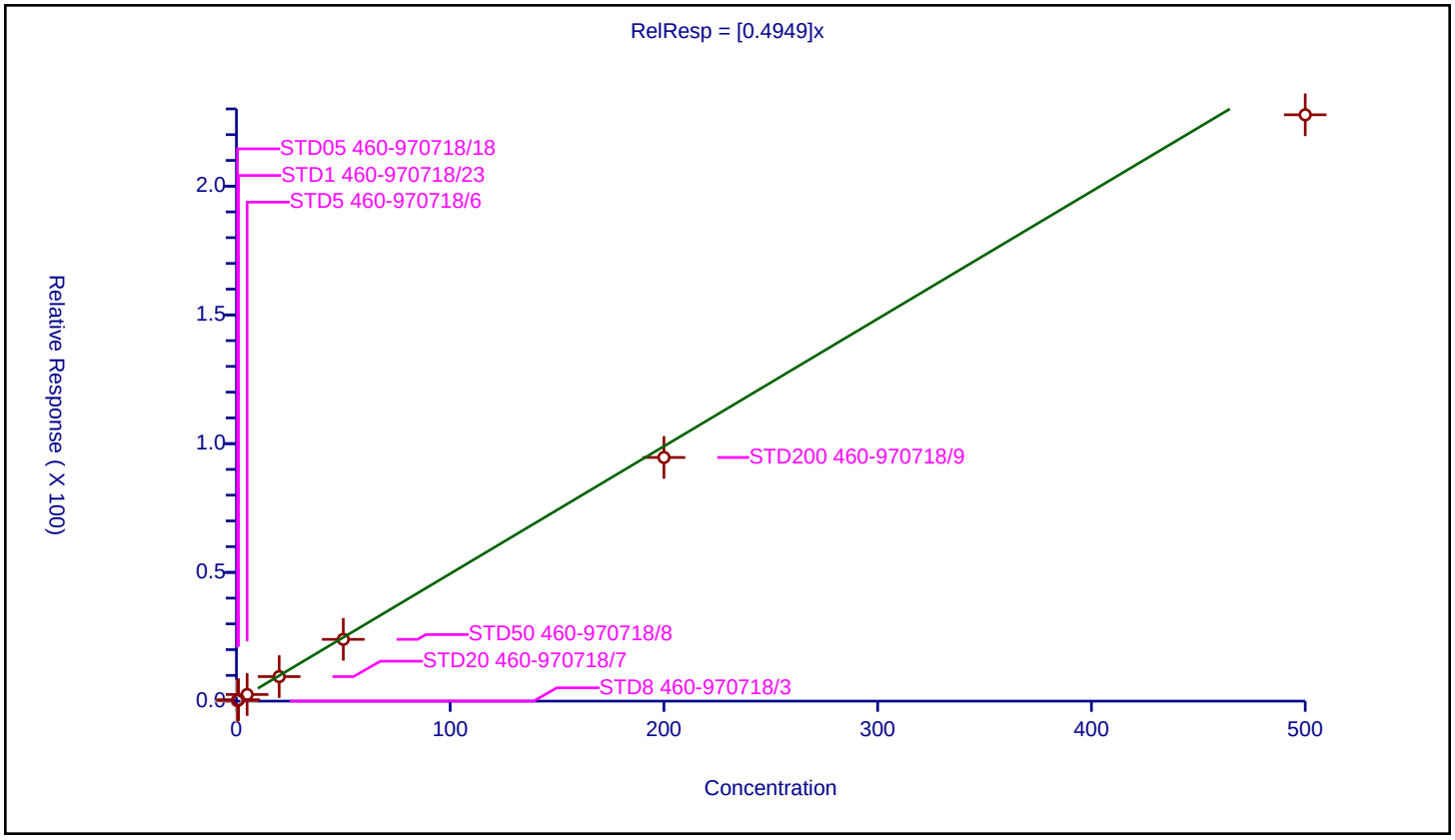
Curve Coefficients

Intercept:	0
Slope:	0.4949

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.25345	50.0	548431.0	0.506901	Y
3	STD1 460-970718/23	1.0	0.557998	50.0	565235.0	0.557998	Y
4	STD5 460-970718/6	5.0	2.573522	50.0	408720.0	0.514704	Y
5	STD20 460-970718/7	20.0	9.523348	50.0	520862.0	0.476167	Y
6	STD50 460-970718/8	50.0	23.994672	50.0	488746.0	0.479893	Y
7	STD200 460-970718/9	200.0	94.635188	50.0	479206.0	0.473176	Y
8	STD500 460-970718/10	500.0	227.709681	50.0	456705.0	0.455419	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

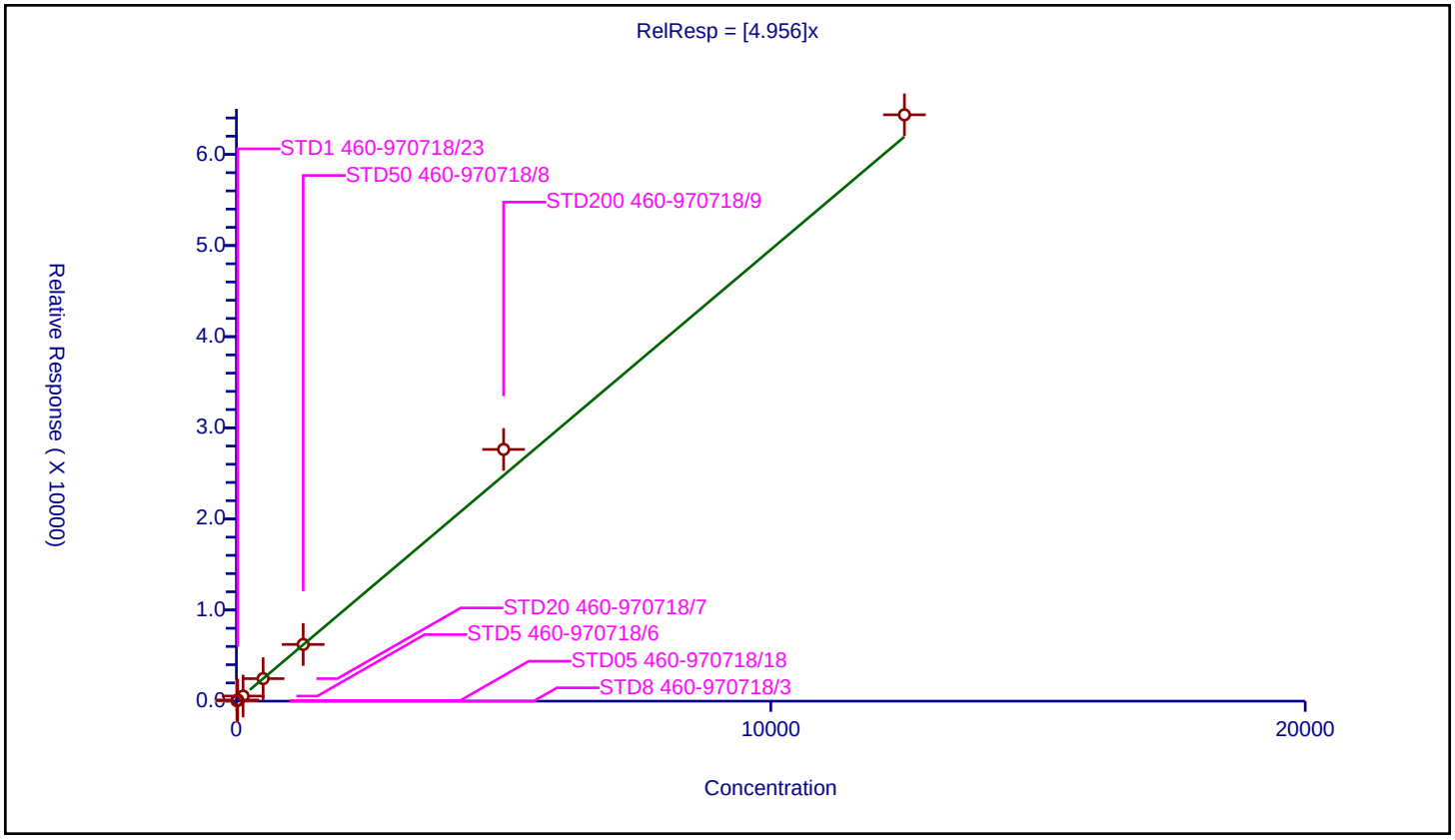
Curve Coefficients

Intercept:	0
Slope:	4.956

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	1000.0	30433.0	NaN	N
2	STD05 460-970718/18	12.5	56.982362	1000.0	43259.0	4.558589	Y
3	STD1 460-970718/23	25.0	126.310144	1000.0	44747.0	5.052406	Y
4	STD5 460-970718/6	125.0	561.011597	1000.0	33887.0	4.488093	Y
5	STD20 460-970718/7	500.0	2470.457806	1000.0	38335.0	4.940916	Y
6	STD50 460-970718/8	1250.0	6221.093972	1000.0	38703.0	4.976875	Y
7	STD200 460-970718/9	5000.0	27625.150235	1000.0	29121.0	5.52503	Y
8	STD500 460-970718/10	12500.0	64352.489901	1000.0	29459.0	5.148199	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

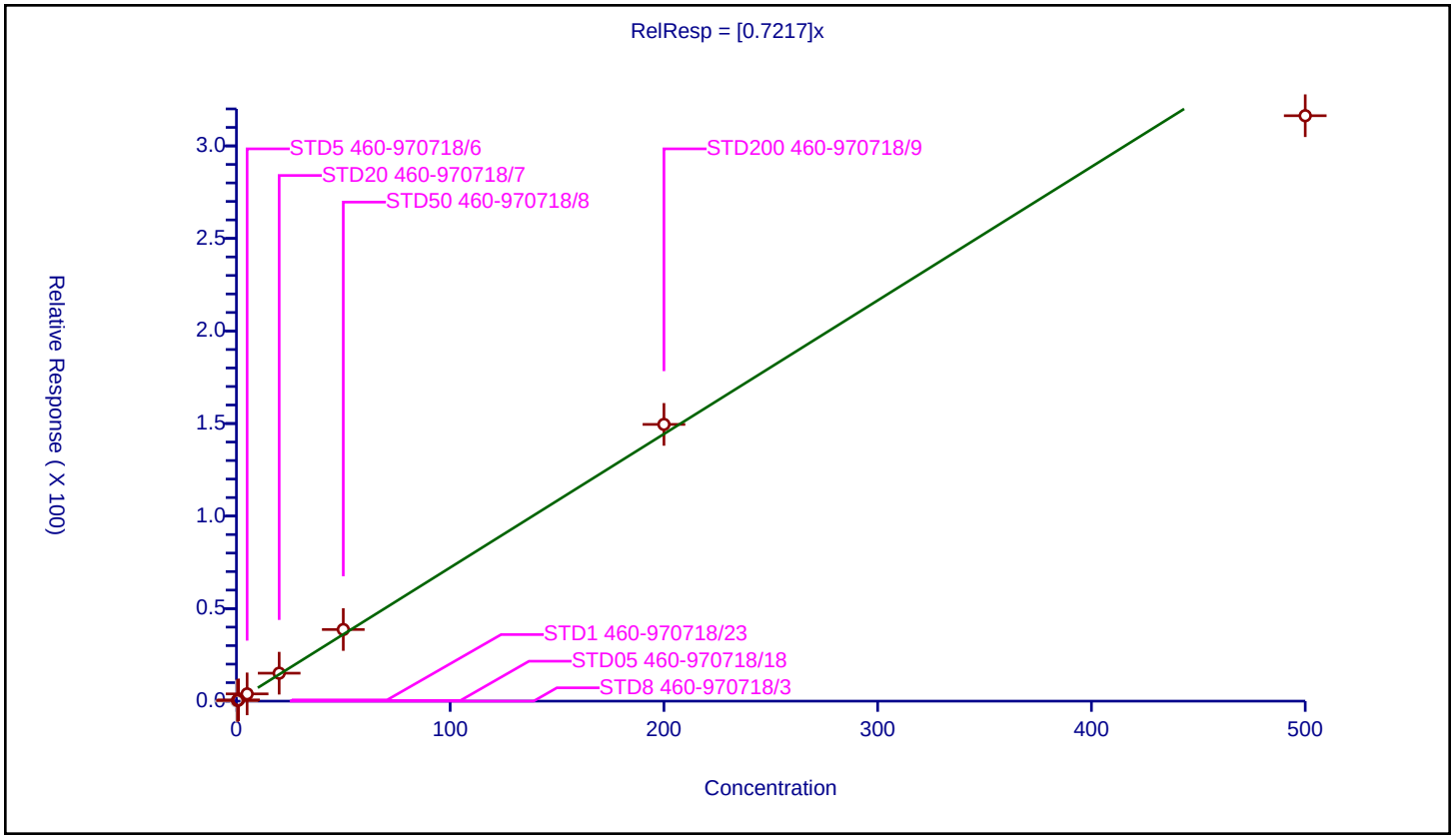
Curve Coefficients

Intercept:	0
Slope:	0.7217

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.341976	50.0	548431.0	0.683951	Y
3	STD1 460-970718/23	1.0	0.67556	50.0	565235.0	0.67556	Y
4	STD5 460-970718/6	5.0	3.915394	50.0	408720.0	0.783079	Y
5	STD20 460-970718/7	20.0	15.106209	50.0	520862.0	0.75531	Y
6	STD50 460-970718/8	50.0	38.700061	50.0	488746.0	0.774001	Y
7	STD200 460-970718/9	200.0	149.523691	50.0	479206.0	0.747618	Y
8	STD500 460-970718/10	500.0	316.321586	50.0	456705.0	0.632643	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

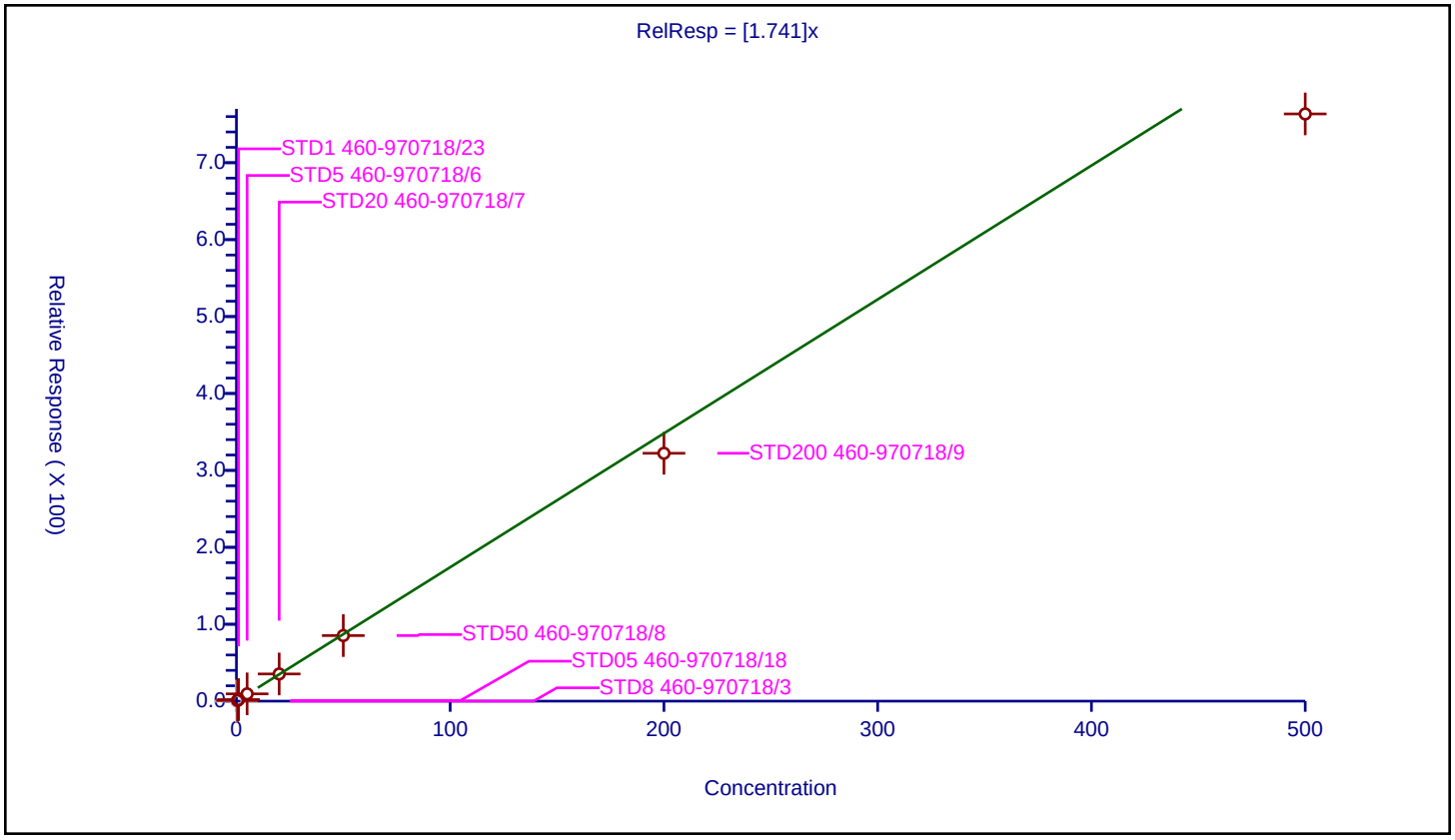
Curve Coefficients

Intercept:	0
Slope:	1.741

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.825994	50.0	428756.0	1.651989	Y
3	STD1 460-970718/23	1.0	2.028779	50.0	441571.0	2.028779	Y
4	STD5 460-970718/6	5.0	9.475475	50.0	319794.0	1.895095	Y
5	STD20 460-970718/7	20.0	35.348613	50.0	406784.0	1.767431	Y
6	STD50 460-970718/8	50.0	85.223097	50.0	392924.0	1.704462	Y
7	STD200 460-970718/9	200.0	322.249227	50.0	376267.0	1.611246	Y
8	STD500 460-970718/10	500.0	763.453014	50.0	353969.0	1.526906	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

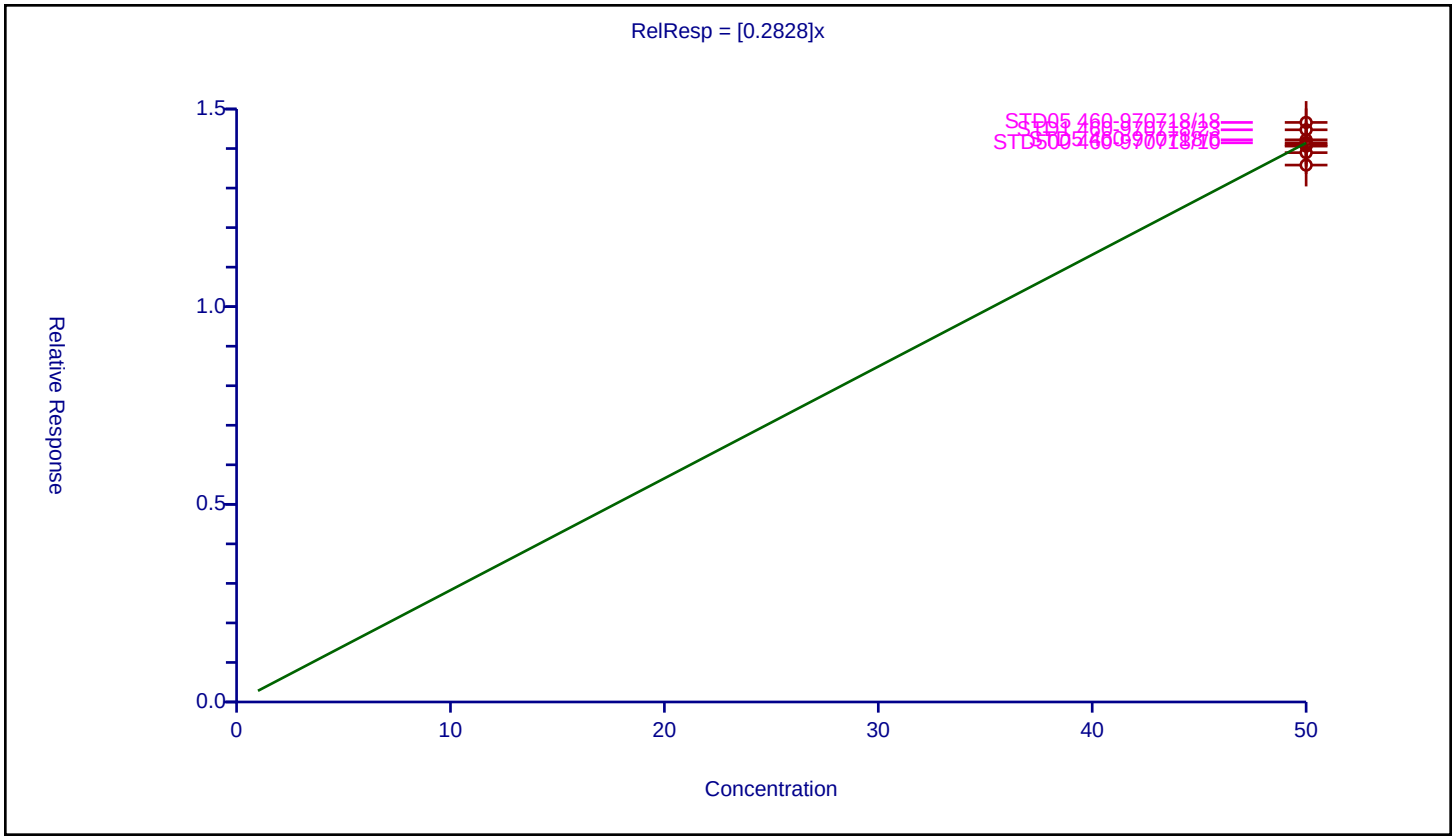
Curve Coefficients

Intercept:	0
Slope:	0.2828

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	50.0	13.581903	50.0	472235.0	0.271638	Y
2	STD5 460-970718/6	50.0	14.221105	50.0	408720.0	0.284422	Y
3	STD20 460-970718/7	50.0	14.060922	50.0	520862.0	0.281218	Y
4	STD50 460-970718/8	50.0	14.091675	50.0	488746.0	0.281834	Y
5	STD200 460-970718/9	50.0	13.896633	50.0	479206.0	0.277933	Y
6	STD500 460-970718/10	50.0	14.145017	50.0	456705.0	0.2829	Y
7	STD05 460-970718/18	50.0	14.660732	50.0	548431.0	0.293215	Y
8	STD1 460-970718/23	50.0	14.474599	50.0	565235.0	0.289492	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

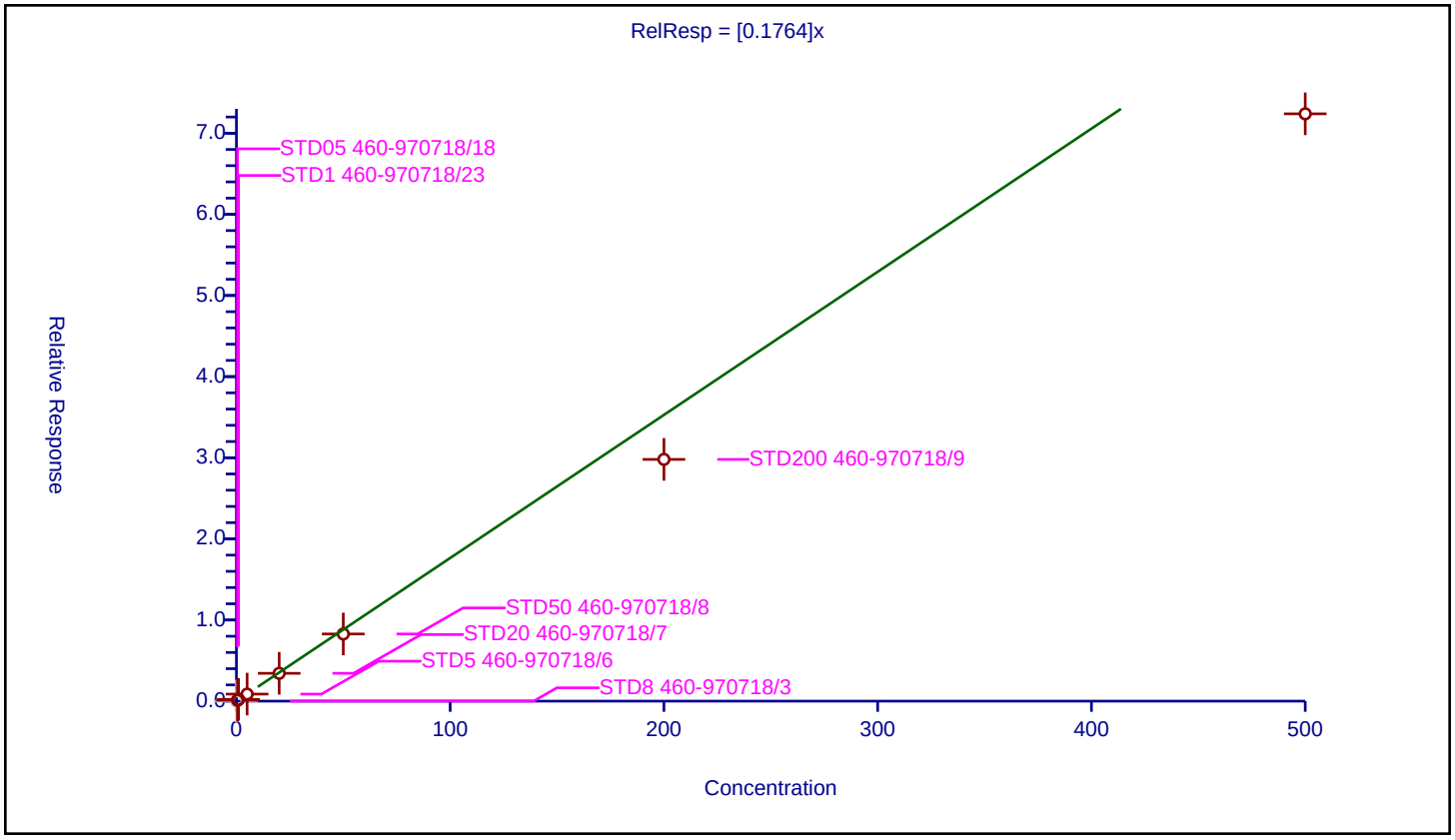
Curve Coefficients

Intercept:	0
Slope:	0.1764

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.106759	50.0	548431.0	0.213518	Y
3	STD1 460-970718/23	1.0	0.216724	50.0	565235.0	0.216724	Y
4	STD5 460-970718/6	5.0	0.869055	50.0	408720.0	0.173811	Y
5	STD20 460-970718/7	20.0	3.428739	50.0	520862.0	0.171437	Y
6	STD50 460-970718/8	50.0	8.279045	50.0	488746.0	0.165581	Y
7	STD200 460-970718/9	200.0	29.798041	50.0	479206.0	0.14899	Y
8	STD500 460-970718/10	500.0	72.39312	50.0	456705.0	0.144786	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

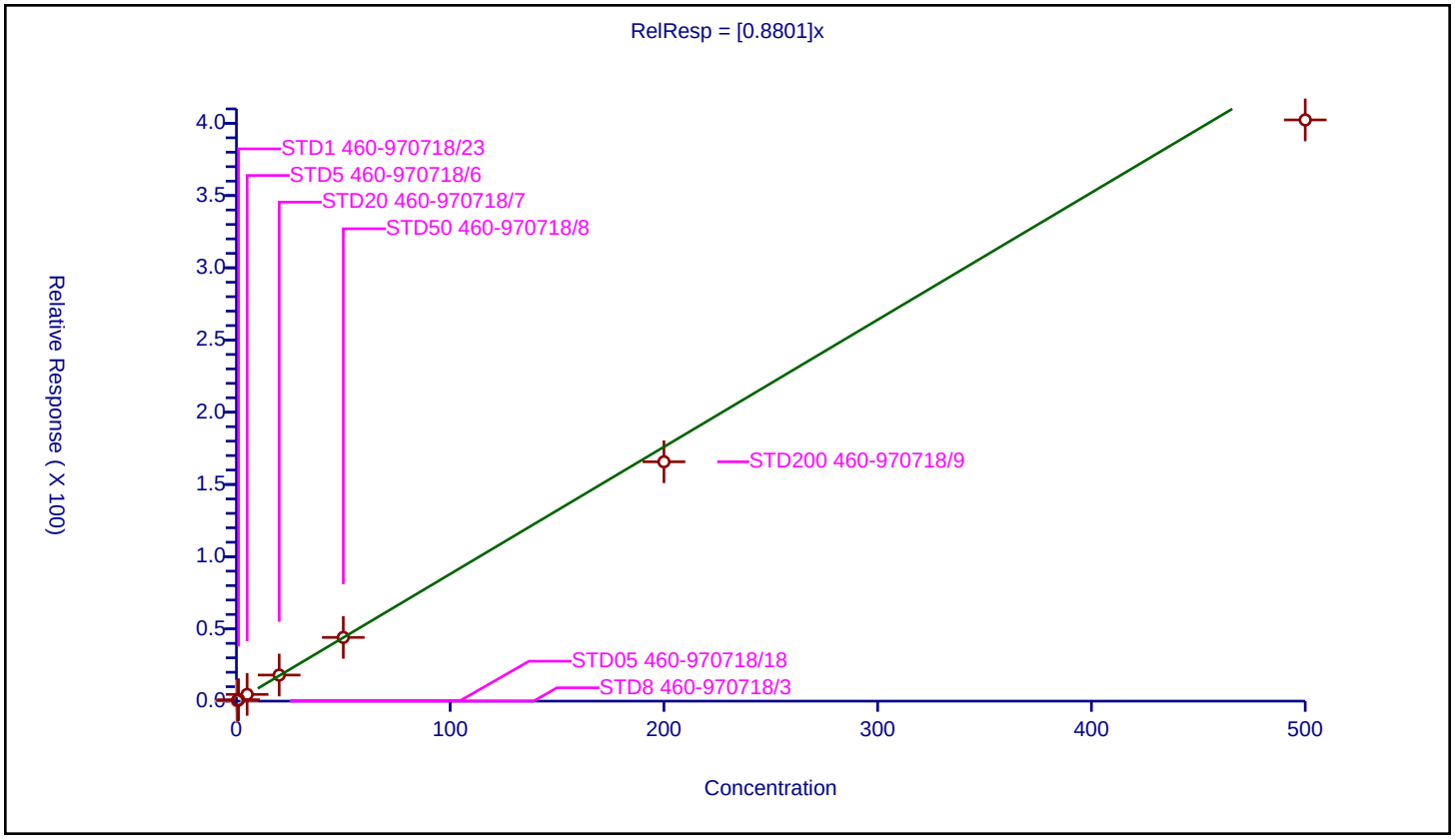
Curve Coefficients

Intercept:	0
Slope:	0.8801

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.409258	50.0	548431.0	0.818517	Y
3	STD1 460-970718/23	1.0	0.991269	50.0	565235.0	0.991269	Y
4	STD5 460-970718/6	5.0	4.66077	50.0	408720.0	0.932154	Y
5	STD20 460-970718/7	20.0	18.058526	50.0	520862.0	0.902926	Y
6	STD50 460-970718/8	50.0	44.117701	50.0	488746.0	0.882354	Y
7	STD200 460-970718/9	200.0	165.706711	50.0	479206.0	0.828534	Y
8	STD500 460-970718/10	500.0	402.362356	50.0	456705.0	0.804725	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

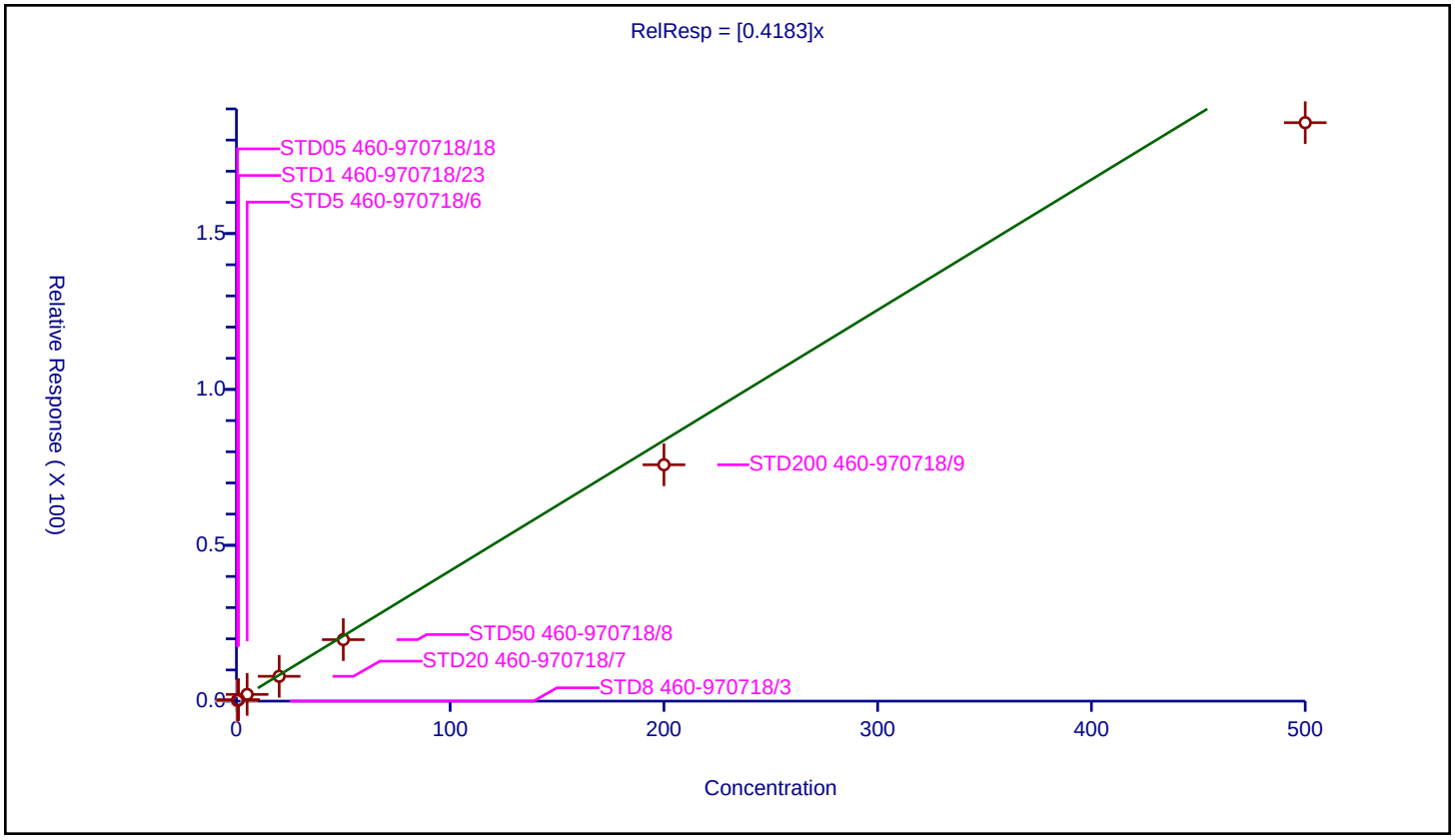
Curve Coefficients

Intercept:	0
Slope:	0.4183

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.243513	50.0	548431.0	0.487026	Y
3	STD1 460-970718/23	1.0	0.467239	50.0	565235.0	0.467239	Y
4	STD5 460-970718/6	5.0	2.154654	50.0	408720.0	0.430931	Y
5	STD20 460-970718/7	20.0	7.963914	50.0	520862.0	0.398196	Y
6	STD50 460-970718/8	50.0	19.725583	50.0	488746.0	0.394512	Y
7	STD200 460-970718/9	200.0	75.824385	50.0	479206.0	0.379122	Y
8	STD500 460-970718/10	500.0	185.578437	50.0	456705.0	0.371157	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

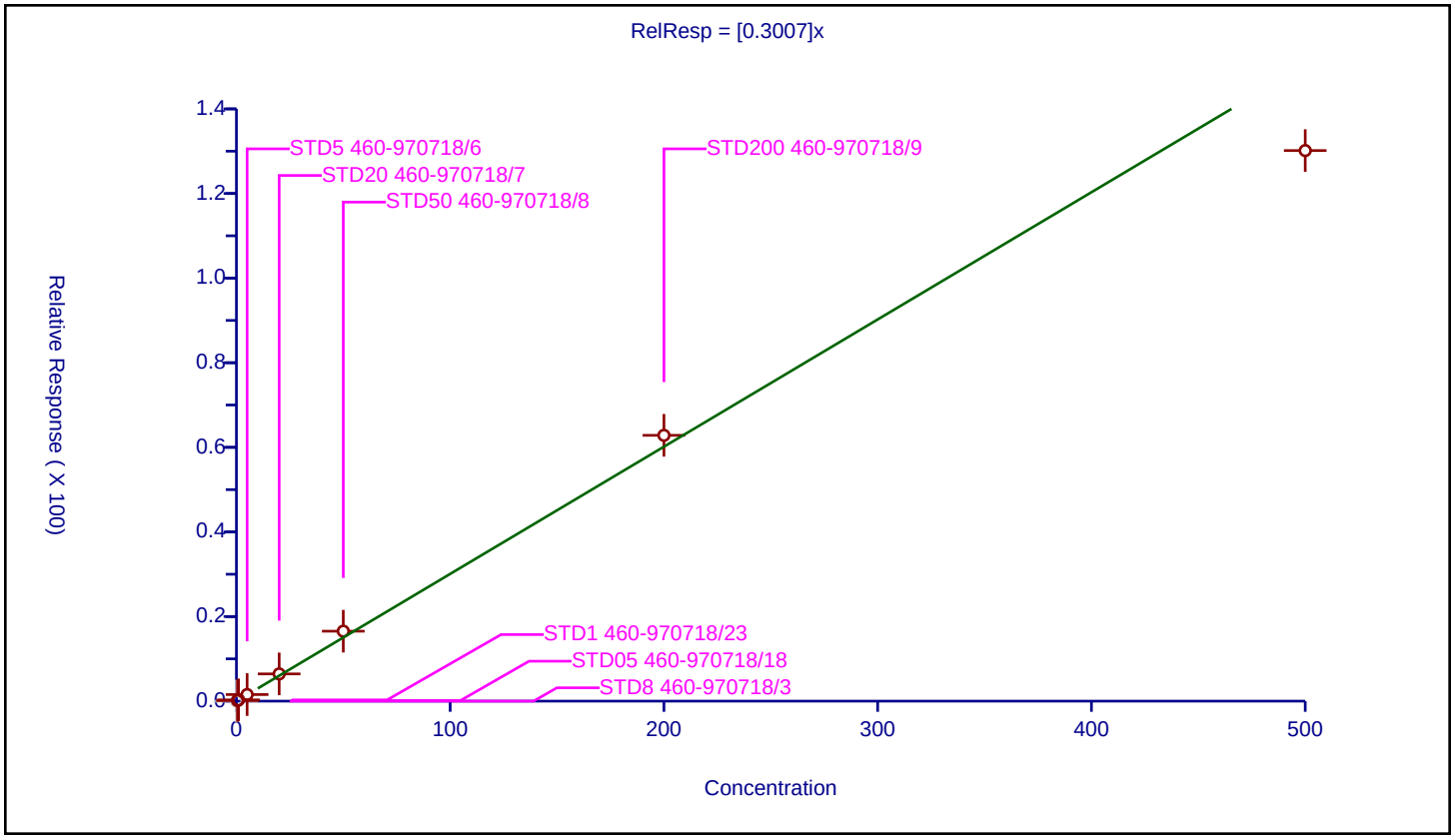
Curve Coefficients

Intercept:	0
Slope:	0.3007

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.136298	50.0	548431.0	0.272596	Y
3	STD1 460-970718/23	1.0	0.294391	50.0	565235.0	0.294391	Y
4	STD5 460-970718/6	5.0	1.555588	50.0	408720.0	0.311118	Y
5	STD20 460-970718/7	20.0	6.437214	50.0	520862.0	0.321861	Y
6	STD50 460-970718/8	50.0	16.538652	50.0	488746.0	0.330773	Y
7	STD200 460-970718/9	200.0	62.833833	50.0	479206.0	0.314169	Y
8	STD500 460-970718/10	500.0	130.145499	50.0	456705.0	0.260291	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

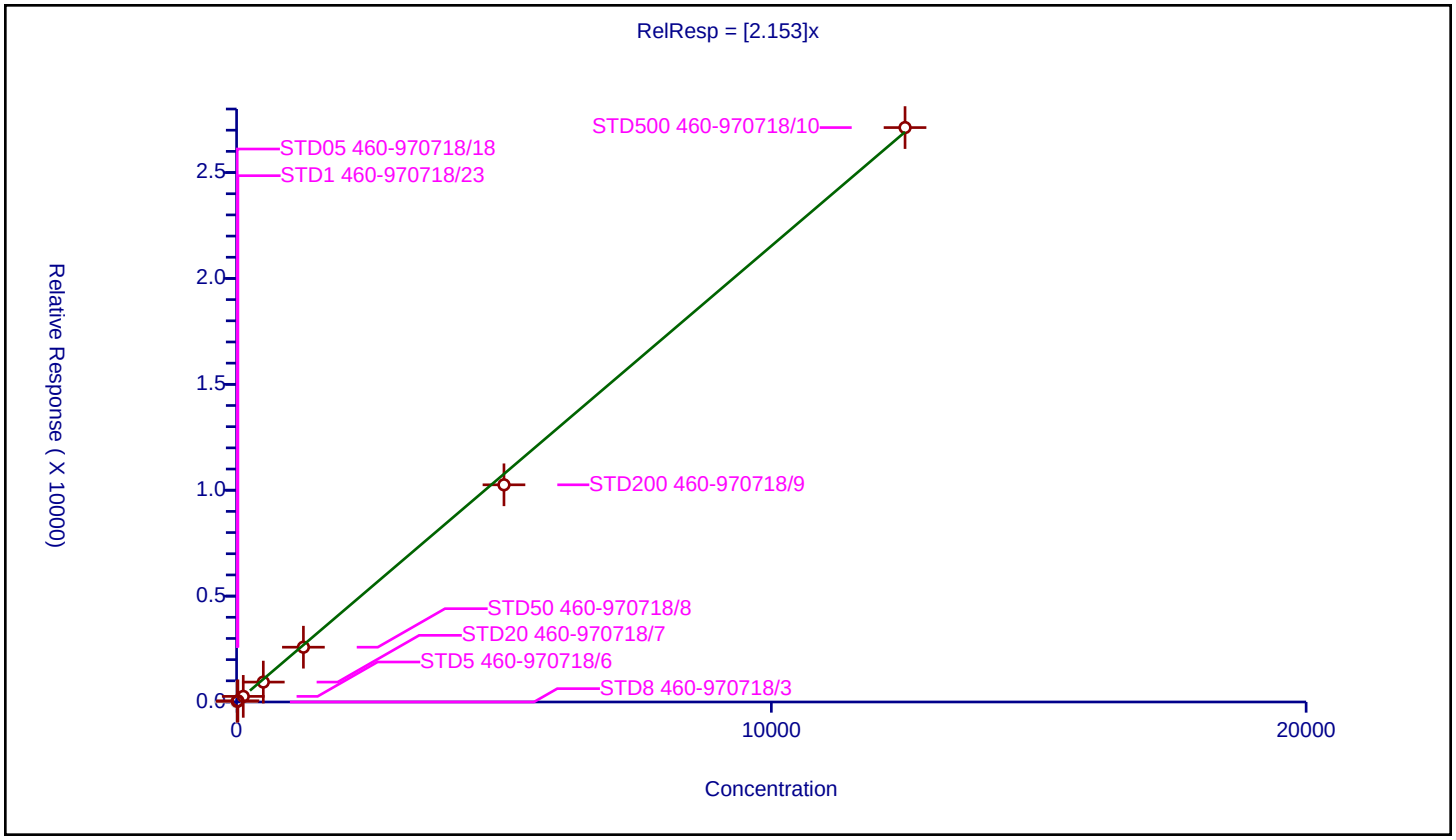
Curve Coefficients

Intercept:	0
Slope:	2.153

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	1000.0	30433.0	NaN	N
2	STD05 460-970718/18	12.5	31.692827	1000.0	43259.0	2.535426	Y
3	STD1 460-970718/23	25.0	56.294277	1000.0	44747.0	2.251771	Y
4	STD5 460-970718/6	125.0	264.43769	1000.0	33887.0	2.115502	Y
5	STD20 460-970718/7	500.0	940.341724	1000.0	38335.0	1.880683	Y
6	STD50 460-970718/8	1250.0	2586.492003	1000.0	38703.0	2.069194	Y
7	STD200 460-970718/9	5000.0	10255.382714	1000.0	29121.0	2.051077	Y
8	STD500 460-970718/10	12500.0	27123.527615	1000.0	29459.0	2.169882	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

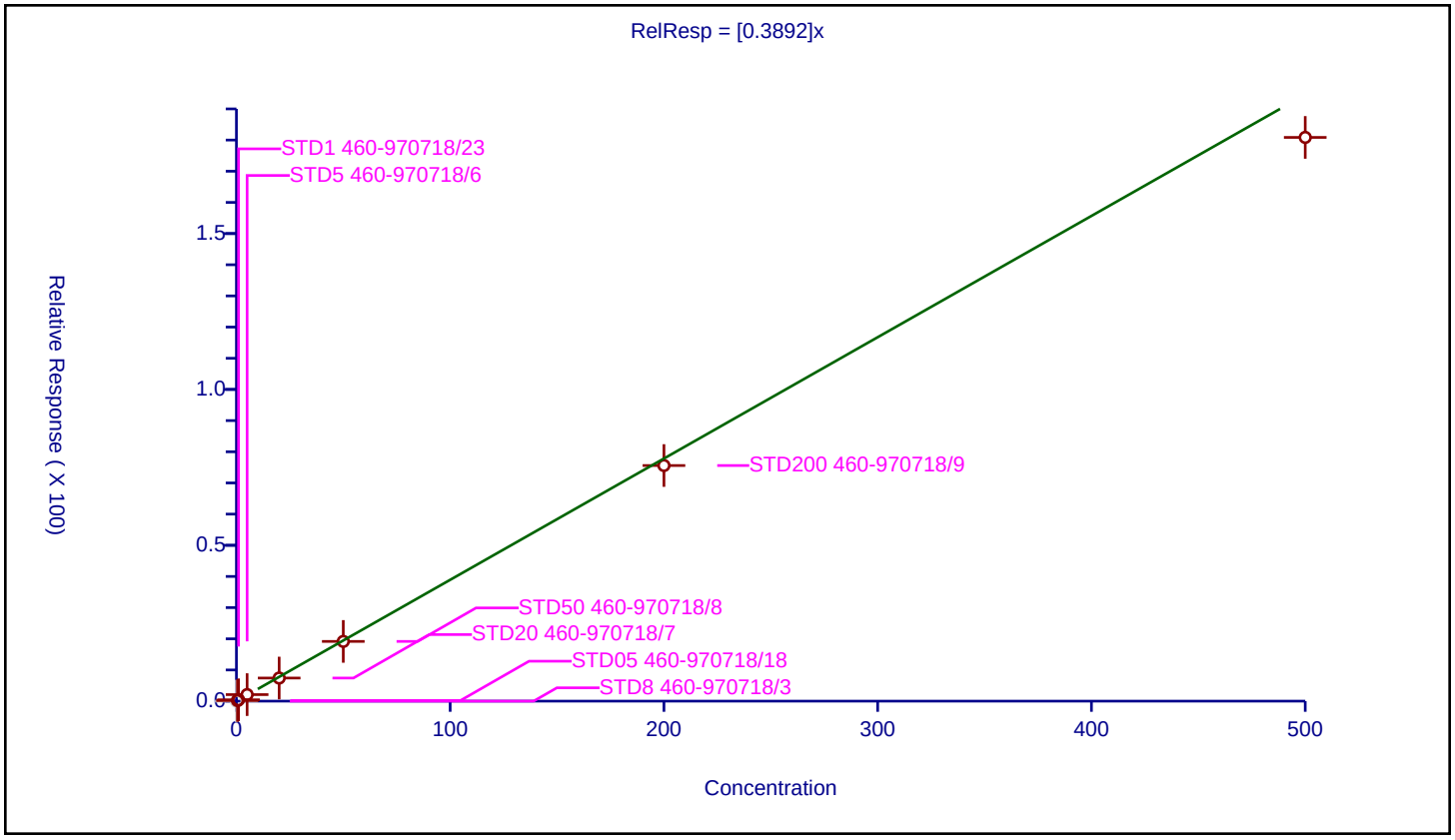
Curve Coefficients

Intercept:	0
Slope:	0.3892

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.190544	50.0	548431.0	0.381087	Y
3	STD1 460-970718/23	1.0	0.429025	50.0	565235.0	0.429025	Y
4	STD5 460-970718/6	5.0	2.101316	50.0	408720.0	0.420263	Y
5	STD20 460-970718/7	20.0	7.416072	50.0	520862.0	0.370804	Y
6	STD50 460-970718/8	50.0	19.164658	50.0	488746.0	0.383293	Y
7	STD200 460-970718/9	200.0	75.588786	50.0	479206.0	0.377944	Y
8	STD500 460-970718/10	500.0	180.845732	50.0	456705.0	0.361691	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

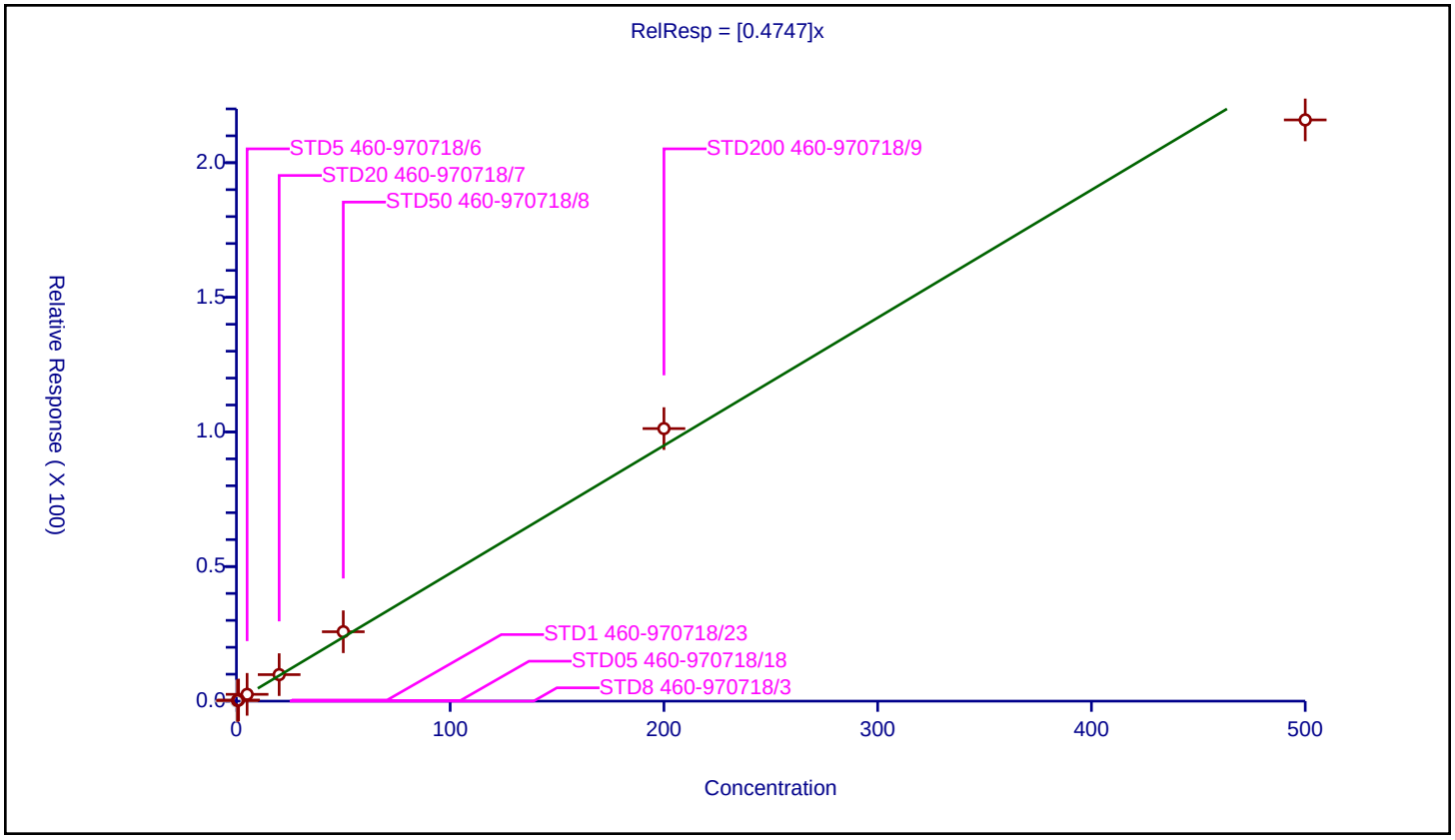
Curve Coefficients

Intercept:	0
Slope:	0.4747

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.230202	50.0	548431.0	0.460404	Y
3	STD1 460-970718/23	1.0	0.410095	50.0	565235.0	0.410095	Y
4	STD5 460-970718/6	5.0	2.532541	50.0	408720.0	0.506508	Y
5	STD20 460-970718/7	20.0	9.85261	50.0	520862.0	0.49263	Y
6	STD50 460-970718/8	50.0	25.776682	50.0	488746.0	0.515534	Y
7	STD200 460-970718/9	200.0	101.246854	50.0	479206.0	0.506234	Y
8	STD500 460-970718/10	500.0	215.906657	50.0	456705.0	0.431813	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

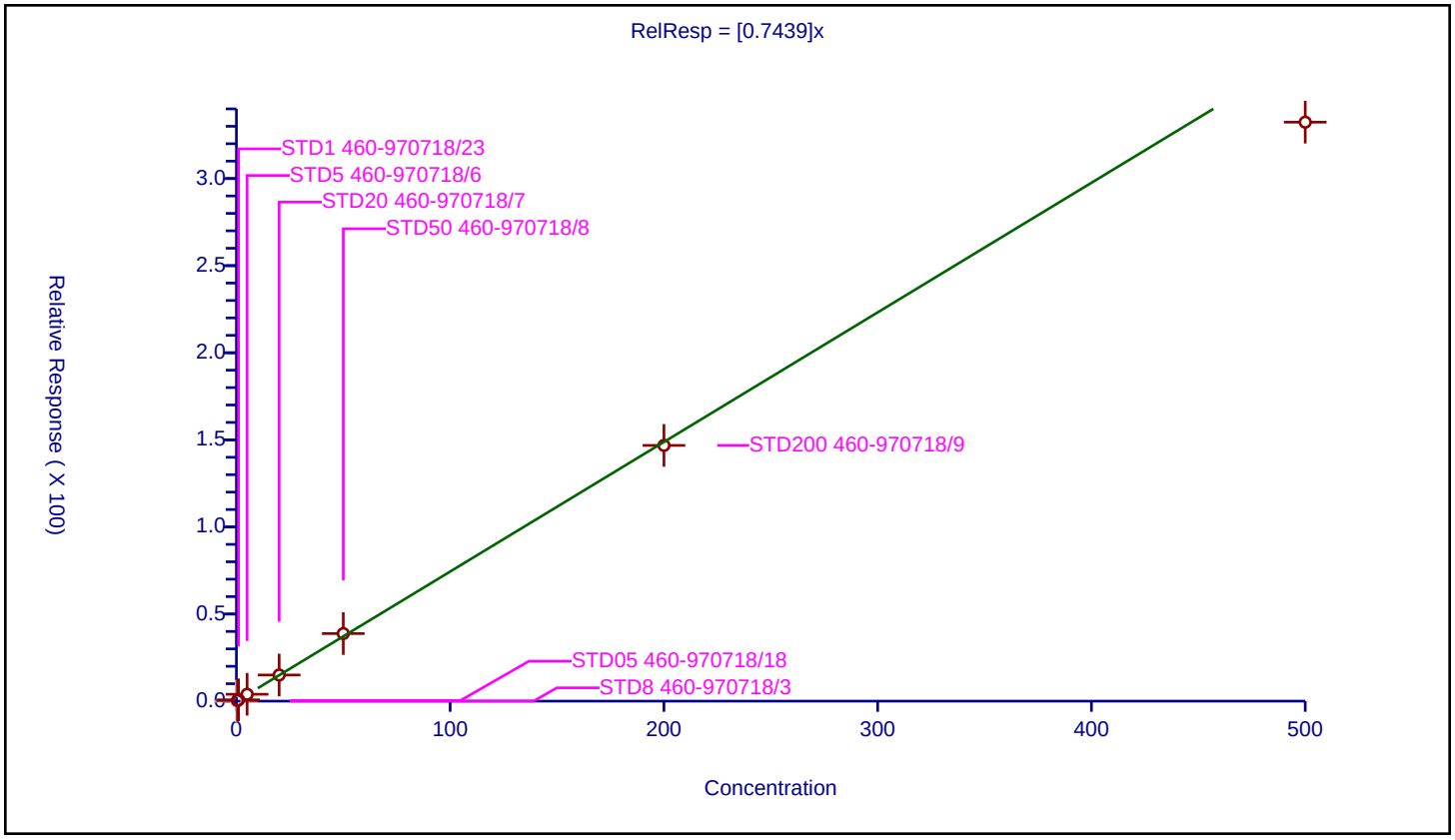
Curve Coefficients

Intercept:	0
Slope:	0.7439

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.364221	50.0	548431.0	0.728442	Y
3	STD1 460-970718/23	1.0	0.76393	50.0	565235.0	0.76393	Y
4	STD5 460-970718/6	5.0	3.950626	50.0	408720.0	0.790125	Y
5	STD20 460-970718/7	20.0	15.008582	50.0	520862.0	0.750429	Y
6	STD50 460-970718/8	50.0	38.794077	50.0	488746.0	0.775882	Y
7	STD200 460-970718/9	200.0	146.803984	50.0	479206.0	0.73402	Y
8	STD500 460-970718/10	500.0	332.374618	50.0	456705.0	0.664749	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

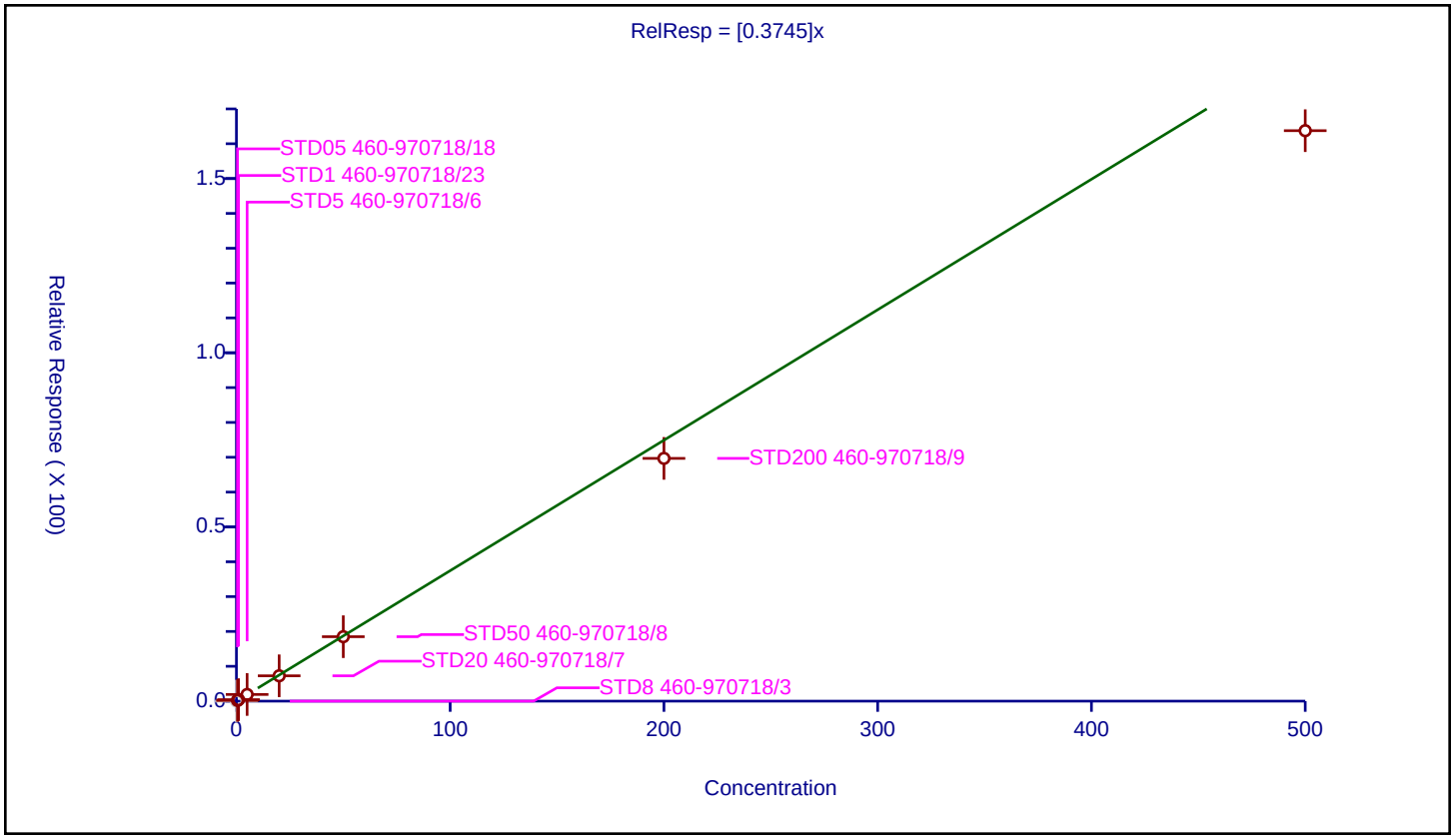
Curve Coefficients

Intercept:	0
Slope:	0.3745

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.203307	50.0	548431.0	0.406615	Y
3	STD1 460-970718/23	1.0	0.421771	50.0	565235.0	0.421771	Y
4	STD5 460-970718/6	5.0	1.917694	50.0	408720.0	0.383539	Y
5	STD20 460-970718/7	20.0	7.273136	50.0	520862.0	0.363657	Y
6	STD50 460-970718/8	50.0	18.500612	50.0	488746.0	0.370012	Y
7	STD200 460-970718/9	200.0	69.681828	50.0	479206.0	0.348409	Y
8	STD500 460-970718/10	500.0	163.746401	50.0	456705.0	0.327493	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

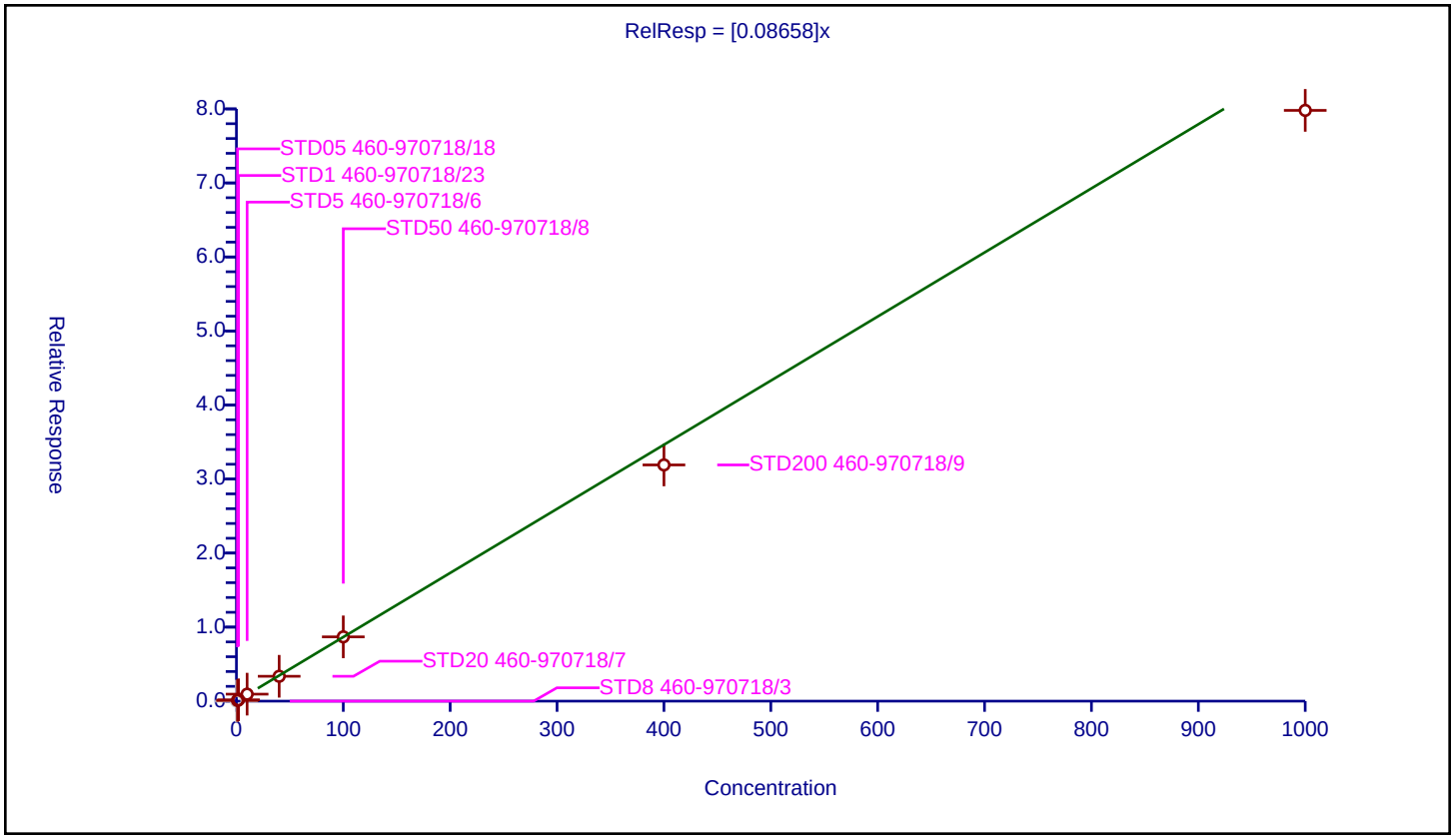
Curve Coefficients

Intercept:	0
Slope:	0.08658

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	1.0	0.092172	50.0	548431.0	0.092172	Y
3	STD1 460-970718/23	2.0	0.178244	50.0	565235.0	0.089122	Y
4	STD5 460-970718/6	10.0	0.944045	50.0	408720.0	0.094404	Y
5	STD20 460-970718/7	40.0	3.359047	50.0	520862.0	0.083976	Y
6	STD50 460-970718/8	100.0	8.681503	50.0	488746.0	0.086815	Y
7	STD200 460-970718/9	400.0	31.906216	50.0	479206.0	0.079766	Y
8	STD500 460-970718/10	1000.0	79.799104	50.0	456705.0	0.079799	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

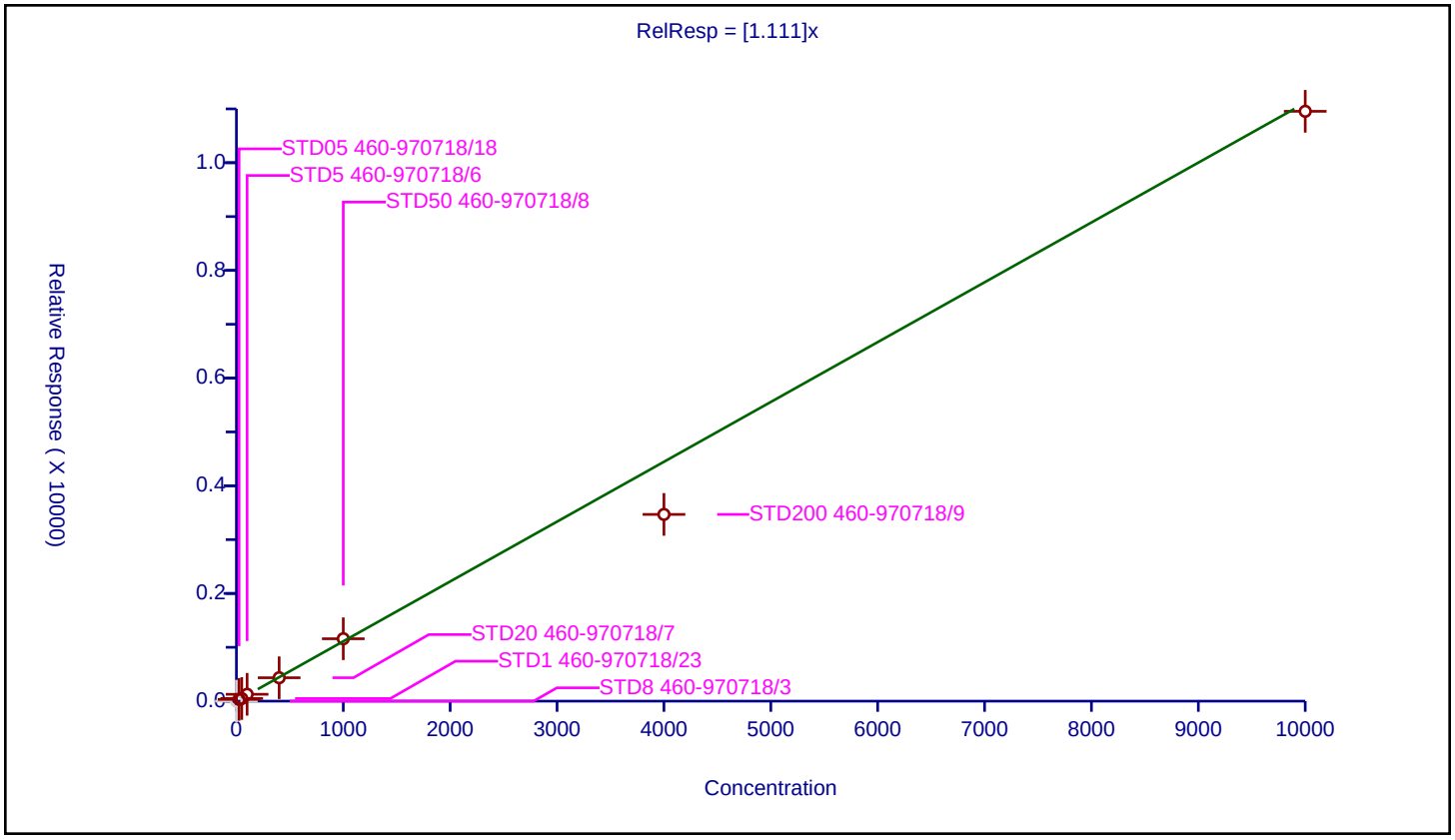
Curve Coefficients

Intercept:	0
Slope:	1.111

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	1000.0	27659.0	NaN	N
2	STD05 460-970718/18	25.000031	33.038316	1000.0	36382.0	1.321531	Y
3	STD1 460-970718/23	50.000062	48.773812	1000.0	36536.0	0.975475	Y
4	STD5 460-970718/6	100.0	127.463725	1000.0	28463.0	1.274637	Y
5	STD20 460-970718/7	400.0	434.425945	1000.0	28769.0	1.086065	Y
6	STD50 460-970718/8	1000.0	1159.023302	1000.0	32272.0	1.159023	Y
7	STD200 460-970718/9	4000.0	3467.938624	1000.0	27307.0	0.866985	Y
8	STD500 460-970718/10	10000.0	10954.773869	1000.0	22885.0	1.095477	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

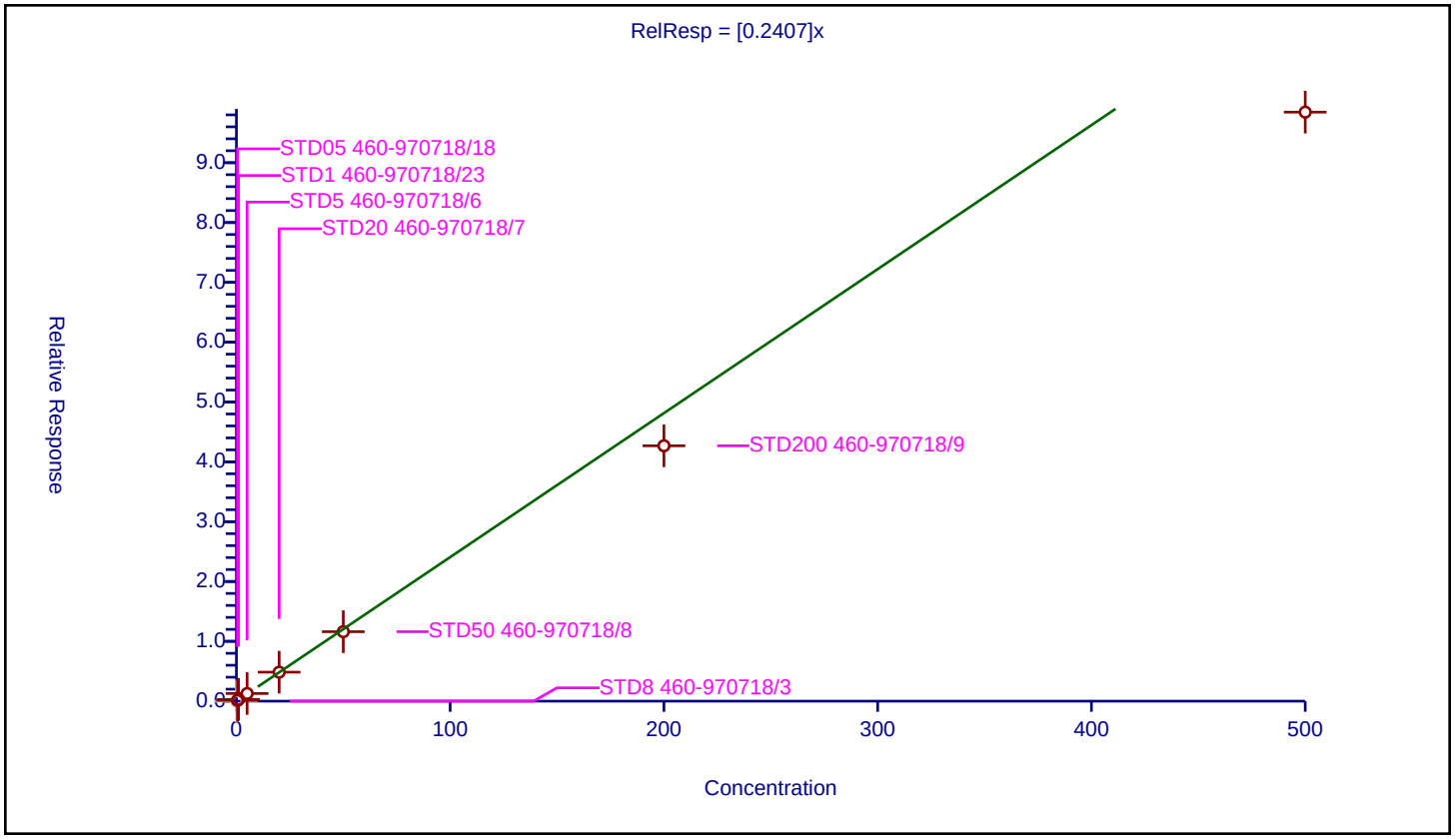
Curve Coefficients

Intercept:	0
Slope:	0.2407

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.129096	50.0	548431.0	0.258191	Y
3	STD1 460-970718/23	1.0	0.287226	50.0	565235.0	0.287226	Y
4	STD5 460-970718/6	5.0	1.273733	50.0	408720.0	0.254747	Y
5	STD20 460-970718/7	20.0	4.846773	50.0	520862.0	0.242339	Y
6	STD50 460-970718/8	50.0	11.610121	50.0	488746.0	0.232202	Y
7	STD200 460-970718/9	200.0	42.685296	50.0	479206.0	0.213426	Y
8	STD500 460-970718/10	500.0	98.458961	50.0	456705.0	0.196918	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

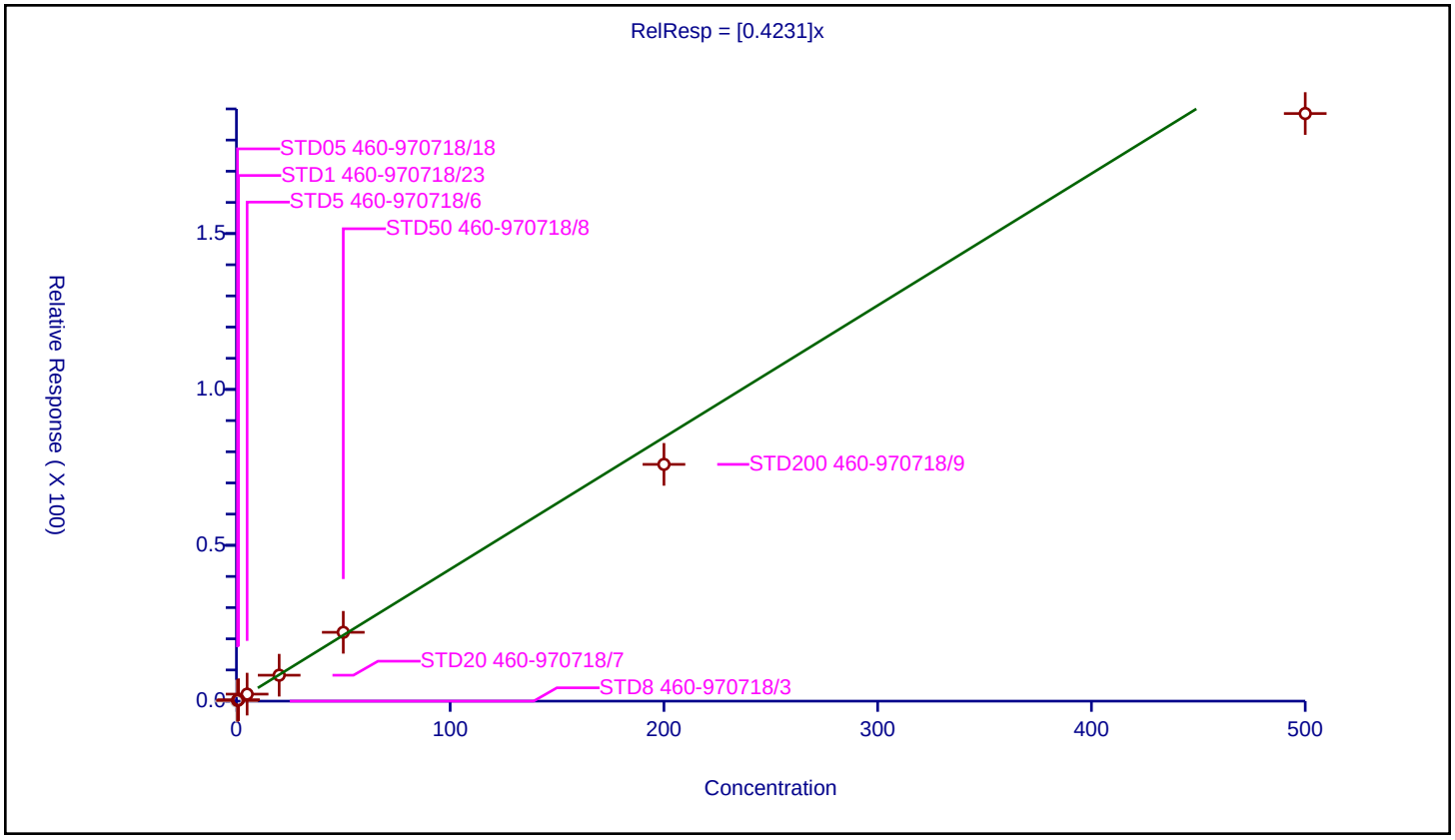
Curve Coefficients

Intercept:	0
Slope:	0.4231

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.225461	50.0	548431.0	0.450923	Y
3	STD1 460-970718/23	1.0	0.446451	50.0	565235.0	0.446451	Y
4	STD5 460-970718/6	5.0	2.250318	50.0	408720.0	0.450064	Y
5	STD20 460-970718/7	20.0	8.316598	50.0	520862.0	0.41583	Y
6	STD50 460-970718/8	50.0	22.079465	50.0	488746.0	0.441589	Y
7	STD200 460-970718/9	200.0	75.958043	50.0	479206.0	0.37979	Y
8	STD500 460-970718/10	500.0	188.515234	50.0	456705.0	0.37703	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

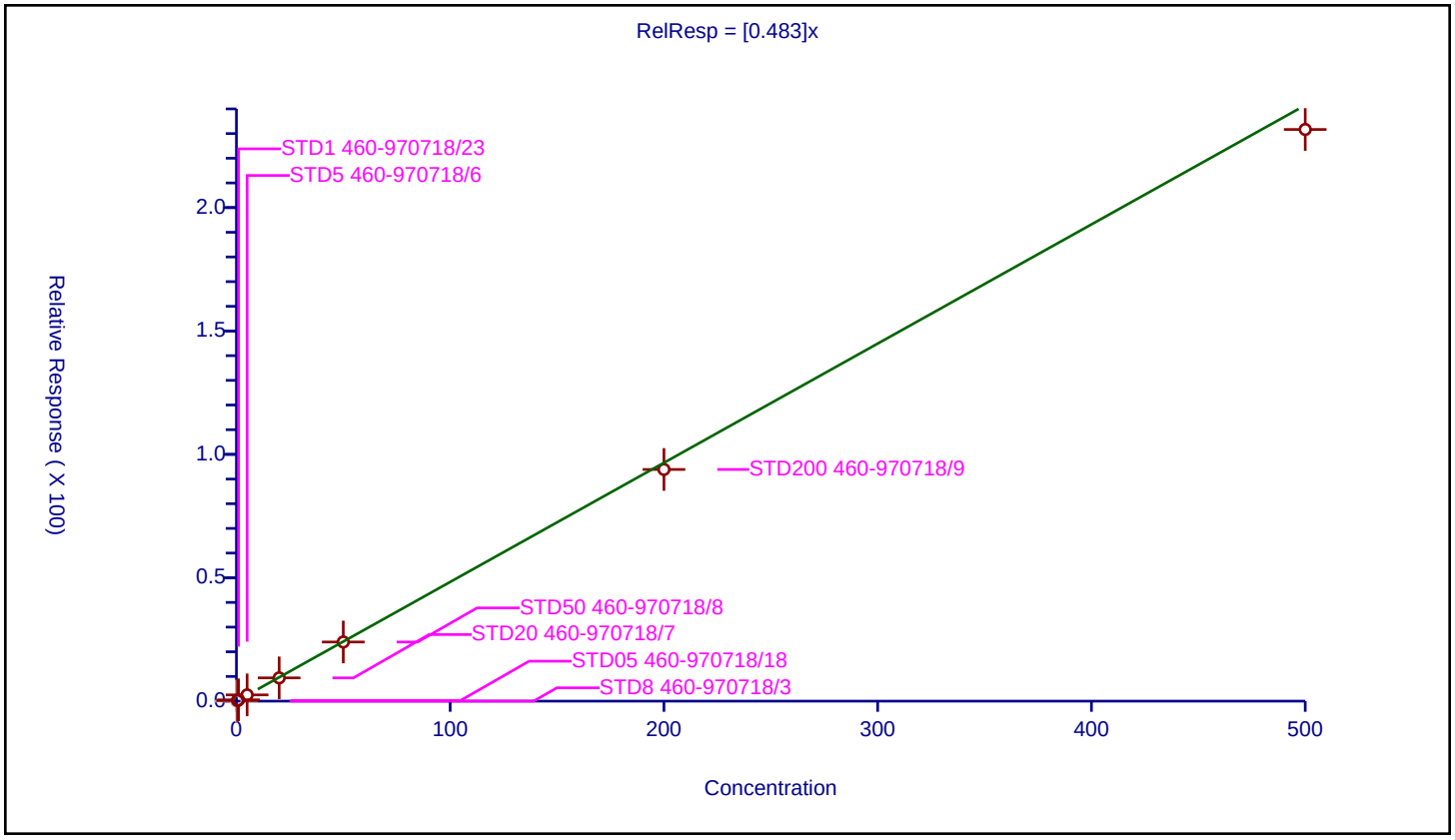
Curve Coefficients

Intercept:	0
Slope:	0.483

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5	0.235216	50.0	548431.0	0.470433	Y
3	STD1 460-970718/23	1.0	0.520049	50.0	565235.0	0.520049	Y
4	STD5 460-970718/6	5.0	2.533886	50.0	408720.0	0.506777	Y
5	STD20 460-970718/7	20.0	9.428409	50.0	520862.0	0.47142	Y
6	STD50 460-970718/8	50.0	23.968278	50.0	488746.0	0.479366	Y
7	STD200 460-970718/9	200.0	93.885302	50.0	479206.0	0.469427	Y
8	STD500 460-970718/10	500.0	231.652708	50.0	456705.0	0.463305	Y



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Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

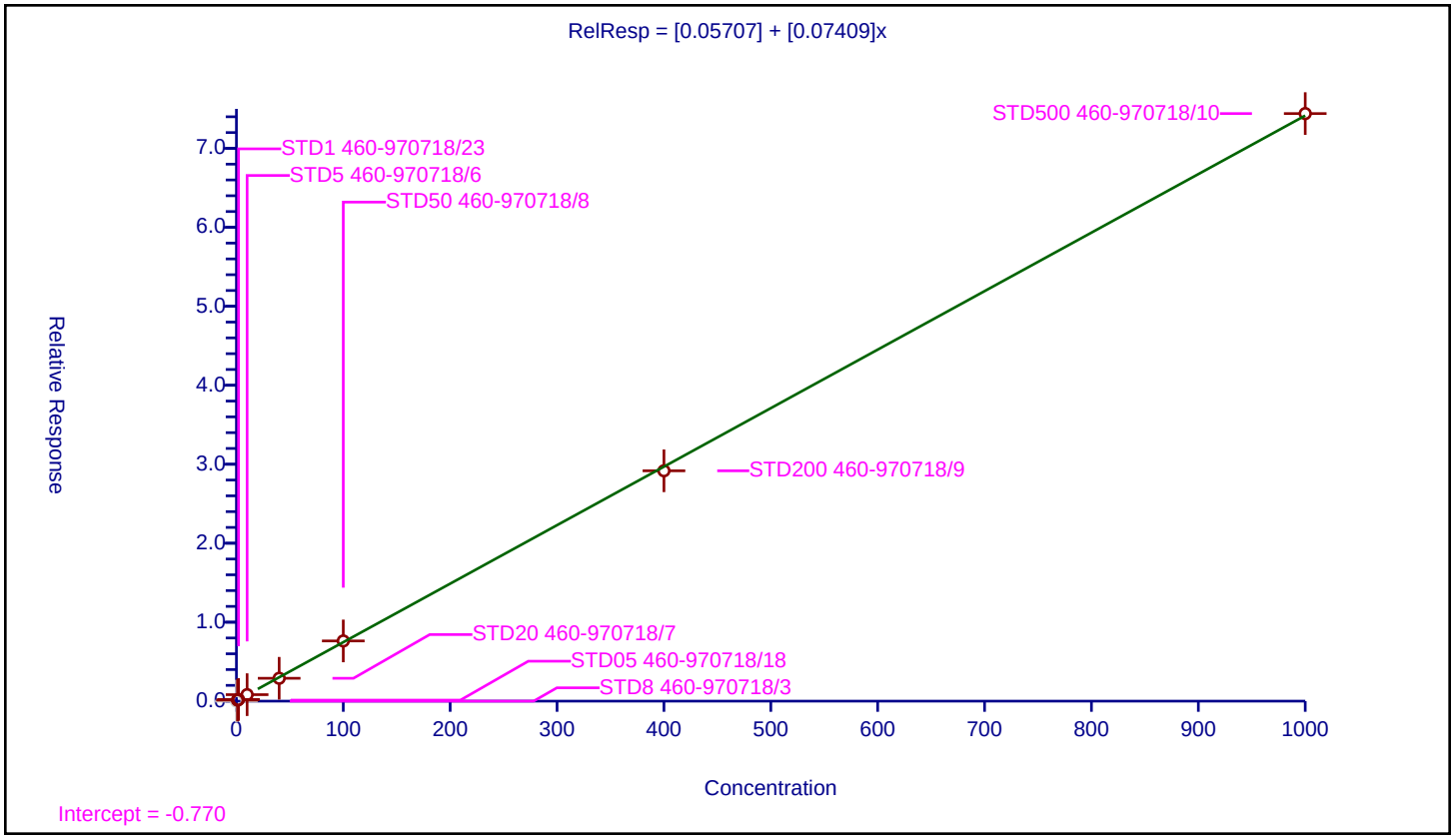
Curve Coefficients

Intercept:	0.05707
Slope:	0.07409

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	1.0	0.130554	50.0	548431.0	0.130554	Y
3	STD1 460-970718/23	2.0	0.206994	50.0	565235.0	0.103497	Y
4	STD5 460-970718/6	10.0	0.821467	50.0	408720.0	0.082147	Y
5	STD20 460-970718/7	40.0	2.895489	50.0	520862.0	0.072387	Y
6	STD50 460-970718/8	100.0	7.623183	50.0	488746.0	0.076232	Y
7	STD200 460-970718/9	400.0	29.171275	50.0	479206.0	0.072928	Y
8	STD500 460-970718/10	1000.0	74.407221	50.0	456705.0	0.074407	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

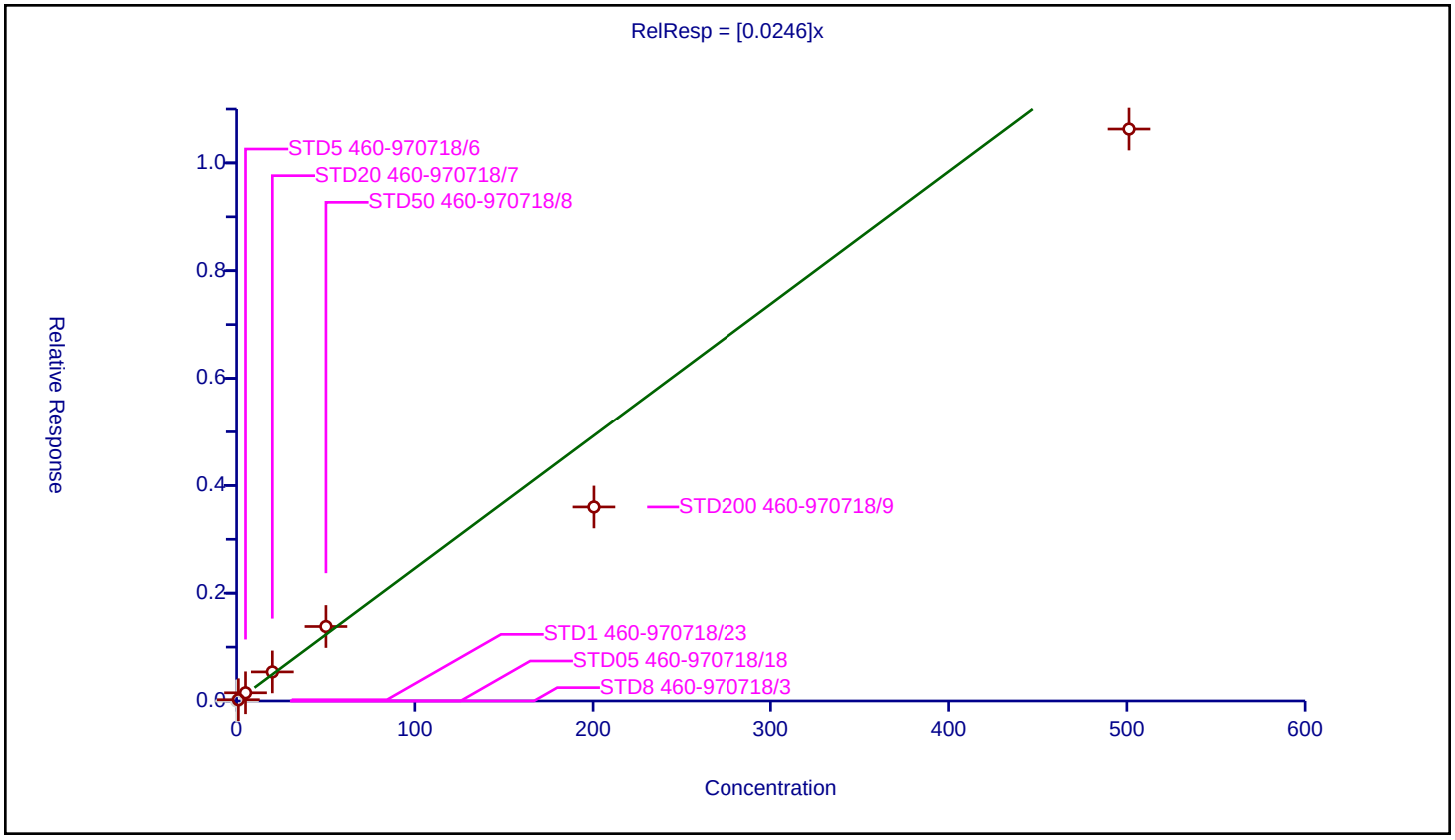
Curve Coefficients

Intercept:	0
Slope:	0.0246

Error Coefficients

Relative Standard Deviation:	18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	472235.0	NaN	N
2	STD05 460-970718/18	0.5012	0.0	50.0	548431.0	0.0	N
3	STD1 460-970718/23	1.0024	0.023618	50.0	565235.0	0.023562	Y
4	STD5 460-970718/6	5.012	0.152182	50.0	408720.0	0.030364	Y
5	STD20 460-970718/7	20.048	0.539682	50.0	520862.0	0.02692	Y
6	STD50 460-970718/8	50.12	1.382006	50.0	488746.0	0.027574	Y
7	STD200 460-970718/9	200.48	3.600226	50.0	479206.0	0.017958	Y
8	STD500 460-970718/10	501.2	10.629181	50.0	456705.0	0.021207	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

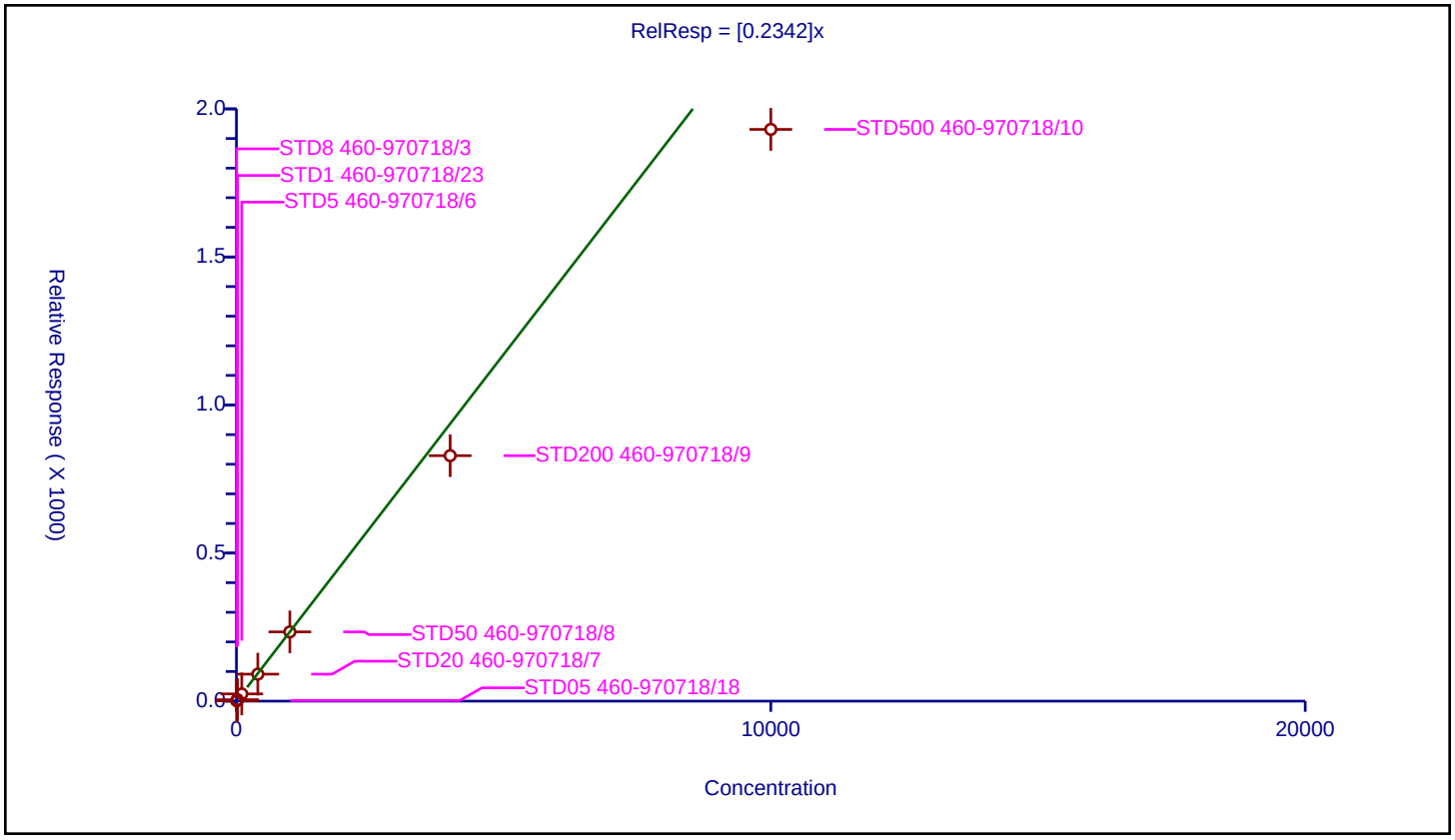
Curve Coefficients

Intercept:	0
Slope:	0.2342

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	5.000009	1.543642	250.0	228518.0	0.308728	Y
2	STD05 460-970718/18	10.000017	2.193939	250.0	320884.0	0.219394	Y
3	STD1 460-970718/23	20.000035	4.780153	250.0	321224.0	0.239007	Y
4	STD5 460-970718/6	100.000173	24.418922	250.0	252591.0	0.244189	Y
5	STD20 460-970718/7	400.000692	91.146008	250.0	298820.0	0.227865	Y
6	STD50 460-970718/8	1000.00173	233.863893	250.0	284982.0	0.233863	Y
7	STD200 460-970718/9	4000.00692	828.986665	250.0	243424.0	0.207246	Y
8	STD500 460-970718/10	10000.0173	1930.780261	250.0	226655.0	0.193078	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

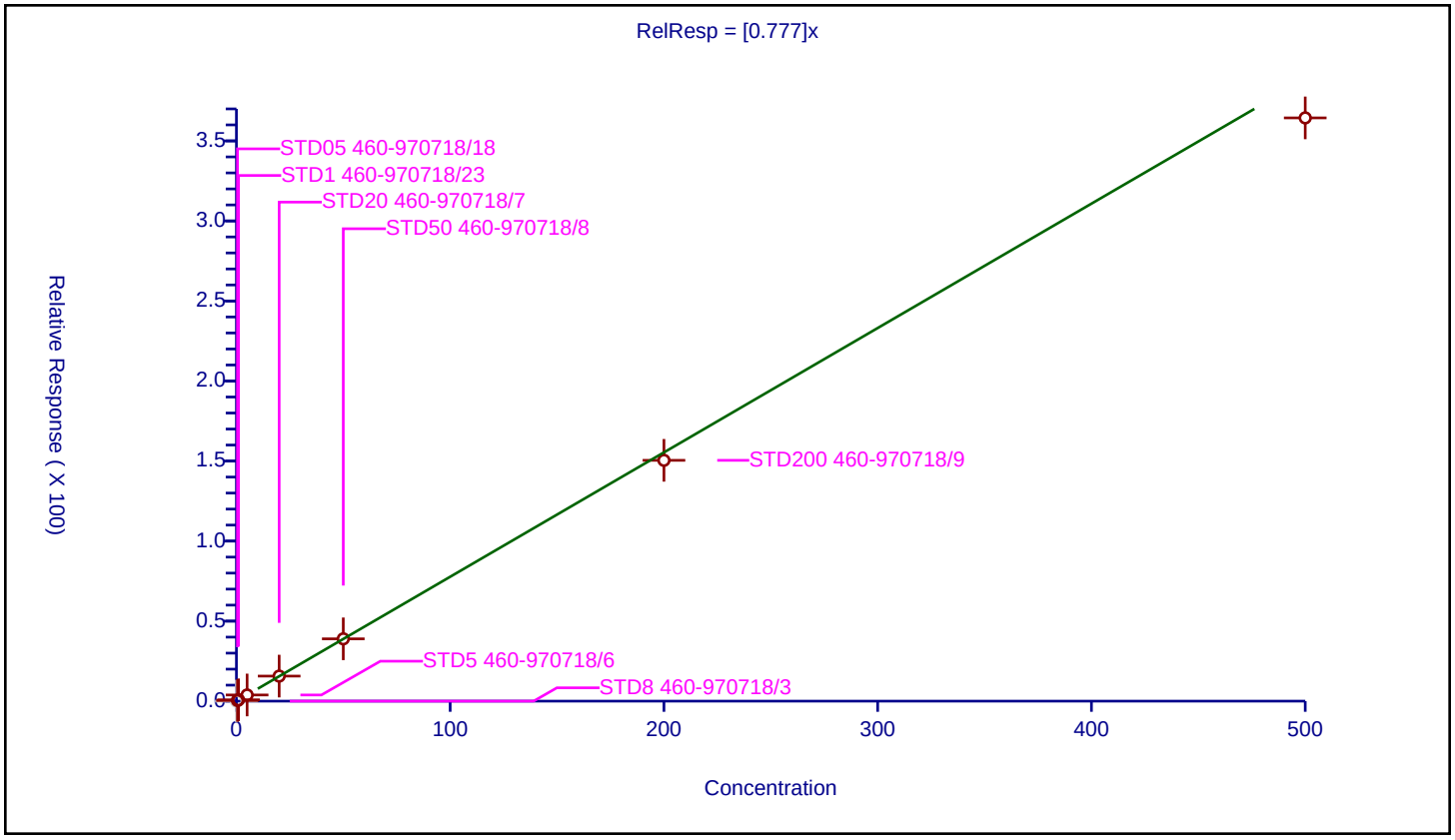
Curve Coefficients

Intercept:	0
Slope:	0.777

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.404776	50.0	428756.0	0.809551	Y
3	STD1 460-970718/23	1.0	0.817989	50.0	441571.0	0.817989	Y
4	STD5 460-970718/6	5.0	3.848884	50.0	319794.0	0.769777	Y
5	STD20 460-970718/7	20.0	15.641102	50.0	406784.0	0.782055	Y
6	STD50 460-970718/8	50.0	38.923049	50.0	392924.0	0.778461	Y
7	STD200 460-970718/9	200.0	150.444764	50.0	376267.0	0.752224	Y
8	STD500 460-970718/10	500.0	364.381909	50.0	353969.0	0.728764	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

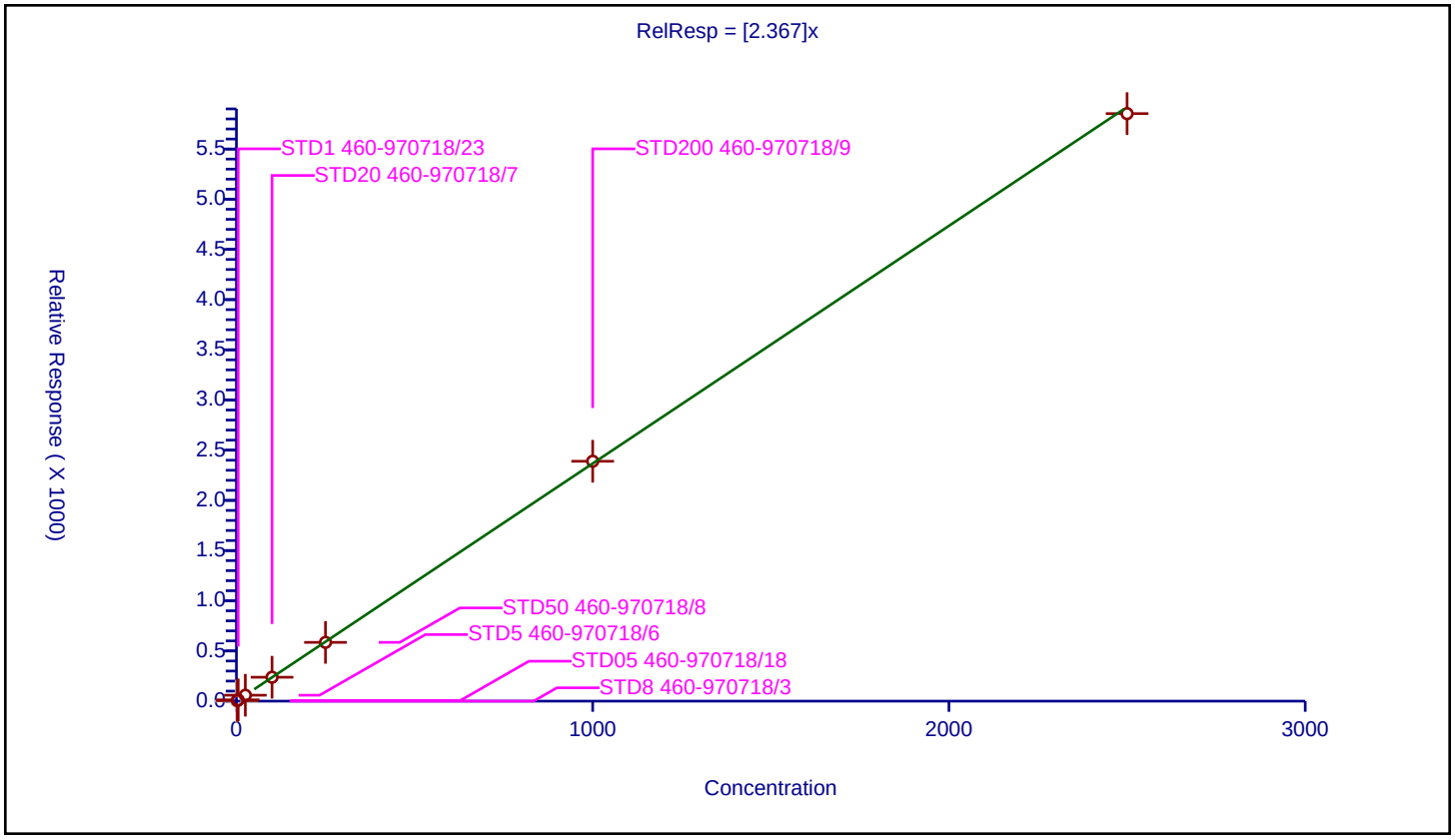
Curve Coefficients

Intercept:	0
Slope:	2.367

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	2.5	5.51757	250.0	320884.0	2.207028	Y
3	STD1 460-970718/23	5.0	12.750448	250.0	321224.0	2.55009	Y
4	STD5 460-970718/6	25.0	59.009426	250.0	252591.0	2.360377	Y
5	STD20 460-970718/7	100.0	238.196071	250.0	298820.0	2.381961	Y
6	STD50 460-970718/8	250.0	585.500137	250.0	284982.0	2.342001	Y
7	STD200 460-970718/9	1000.0	2389.564094	250.0	243424.0	2.389564	Y
8	STD500 460-970718/10	2500.0	5852.945005	250.0	226655.0	2.341178	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

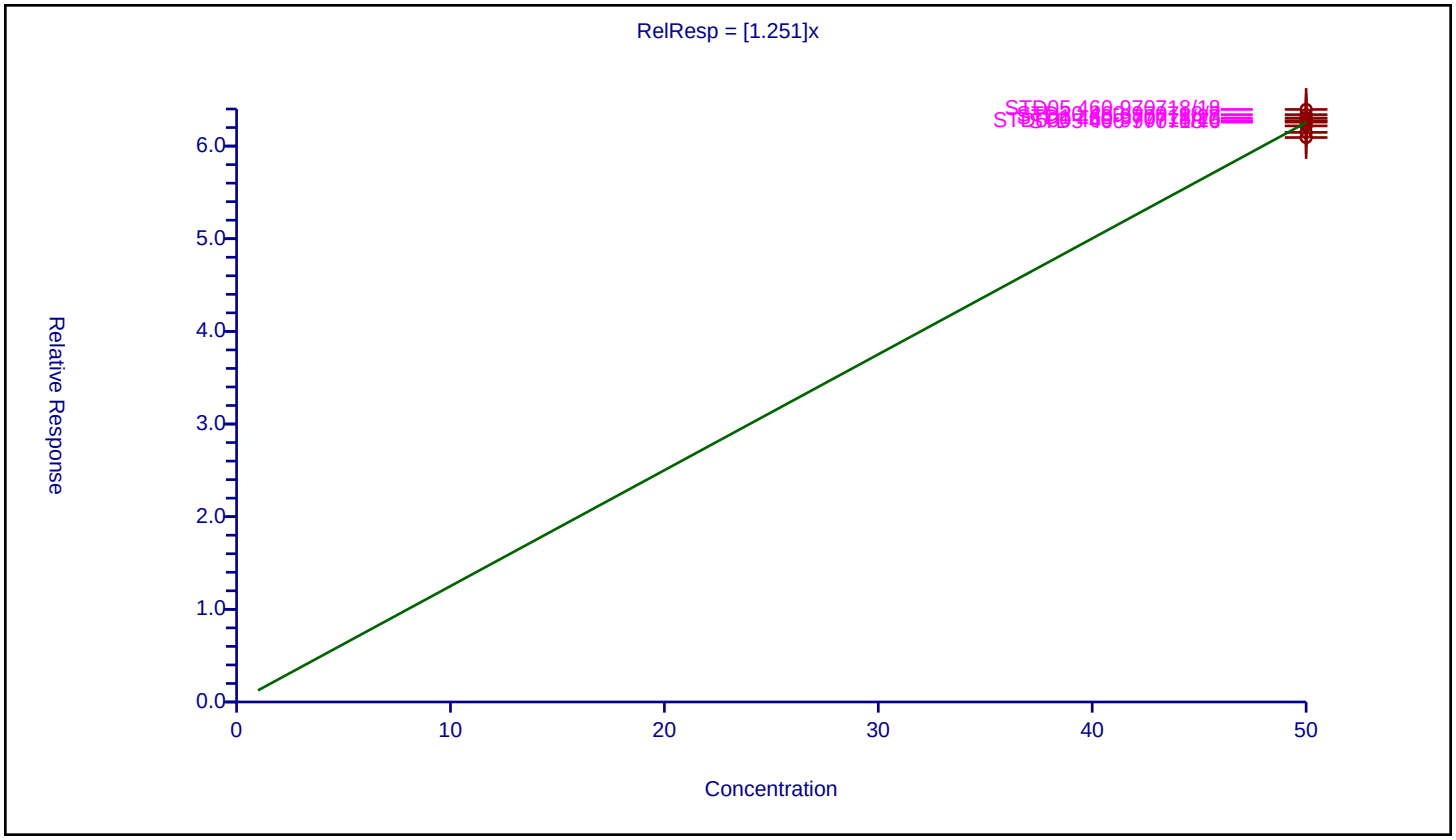
Curve Coefficients

Intercept:	0
Slope:	1.251

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	50.0	60.923194	50.0	391218.0	1.218464	Y
2	STD5 460-970718/6	50.0	62.582788	50.0	319794.0	1.251656	Y
3	STD20 460-970718/7	50.0	63.391382	50.0	406784.0	1.267828	Y
4	STD50 460-970718/8	50.0	62.179455	50.0	392924.0	1.243589	Y
5	STD200 460-970718/9	50.0	61.479481	50.0	376267.0	1.22959	Y
6	STD500 460-970718/10	50.0	62.740946	50.0	353969.0	1.254819	Y
7	STD05 460-970718/18	50.0	63.953857	50.0	428756.0	1.279077	Y
8	STD1 460-970718/23	50.0	63.029049	50.0	441571.0	1.260581	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

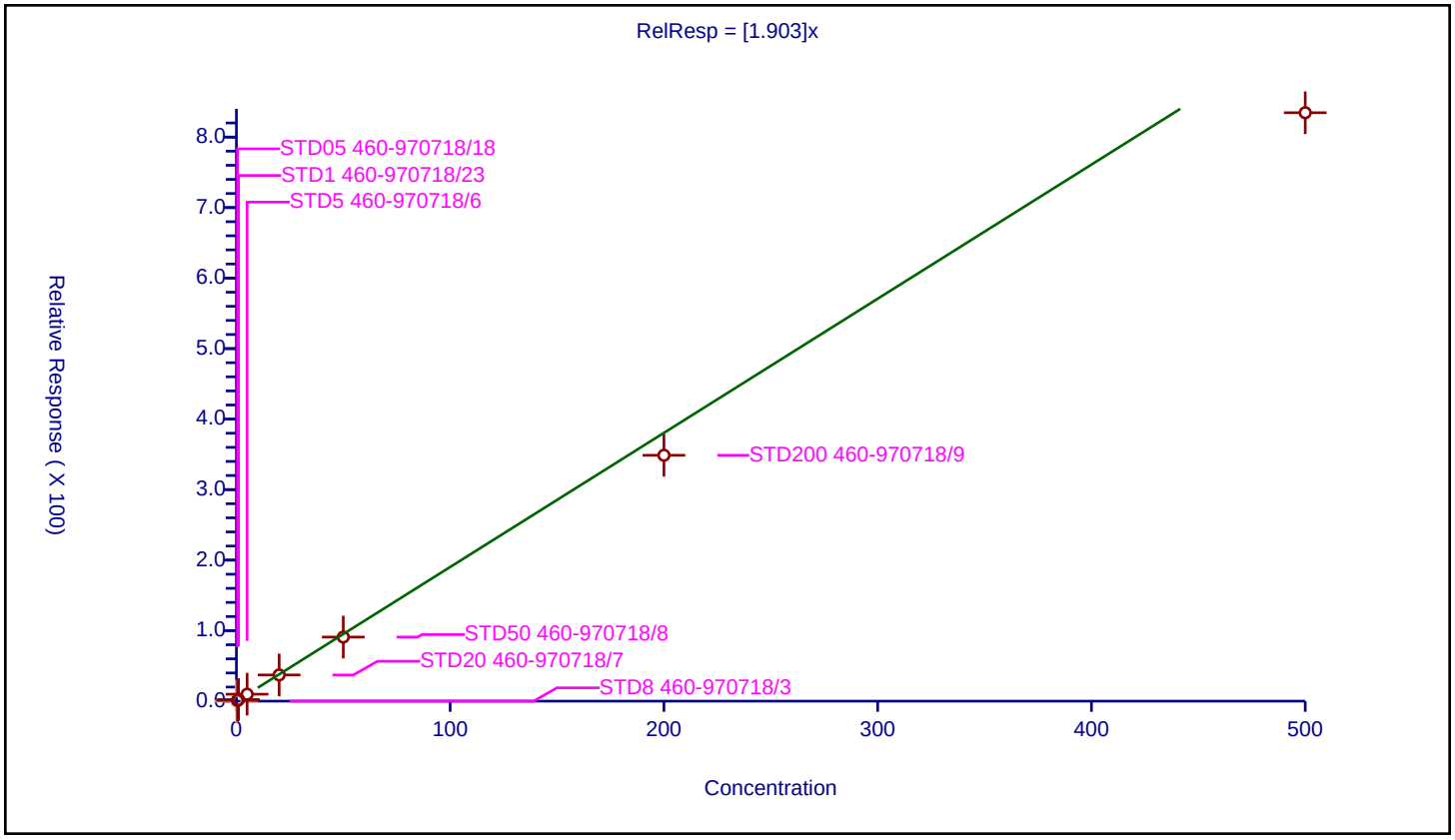
Curve Coefficients

Intercept:	0
Slope:	1.903

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	1.017828	50.0	428756.0	2.035657	Y
3	STD1 460-970718/23	1.0	2.22852	50.0	441571.0	2.22852	Y
4	STD5 460-970718/6	5.0	9.831642	50.0	319794.0	1.966328	Y
5	STD20 460-970718/7	20.0	37.135802	50.0	406784.0	1.85679	Y
6	STD50 460-970718/8	50.0	90.87508	50.0	392924.0	1.817502	Y
7	STD200 460-970718/9	200.0	348.737731	50.0	376267.0	1.743689	Y
8	STD500 460-970718/10	500.0	834.541725	50.0	353969.0	1.669083	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

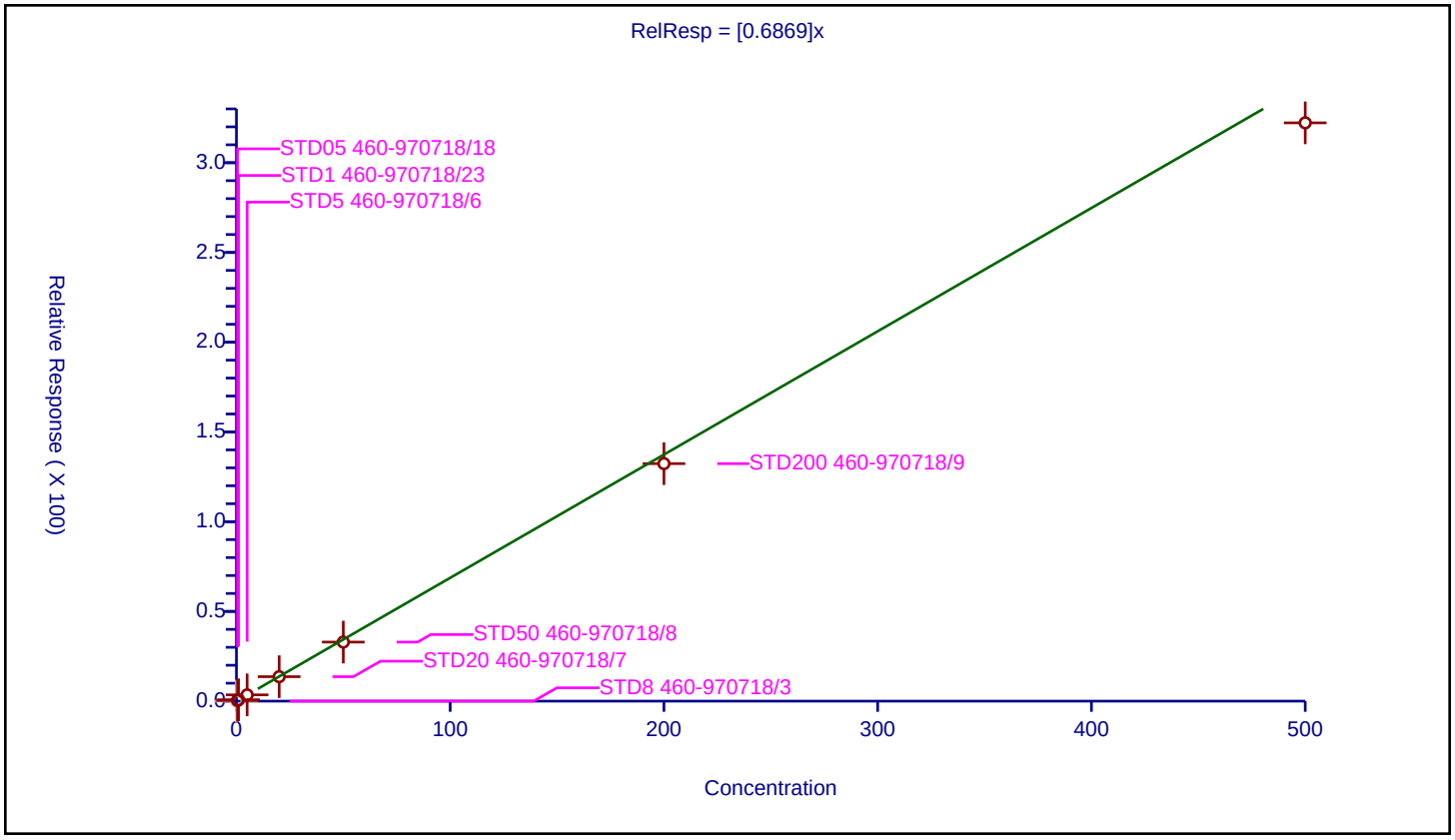
Curve Coefficients

Intercept:	0
Slope:	0.6869

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.348916	50.0	428756.0	0.697833	Y
3	STD1 460-970718/23	1.0	0.765789	50.0	441571.0	0.765789	Y
4	STD5 460-970718/6	5.0	3.495219	50.0	319794.0	0.699044	Y
5	STD20 460-970718/7	20.0	13.635615	50.0	406784.0	0.681781	Y
6	STD50 460-970718/8	50.0	32.903564	50.0	392924.0	0.658071	Y
7	STD200 460-970718/9	200.0	132.33329	50.0	376267.0	0.661666	Y
8	STD500 460-970718/10	500.0	322.226664	50.0	353969.0	0.644453	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

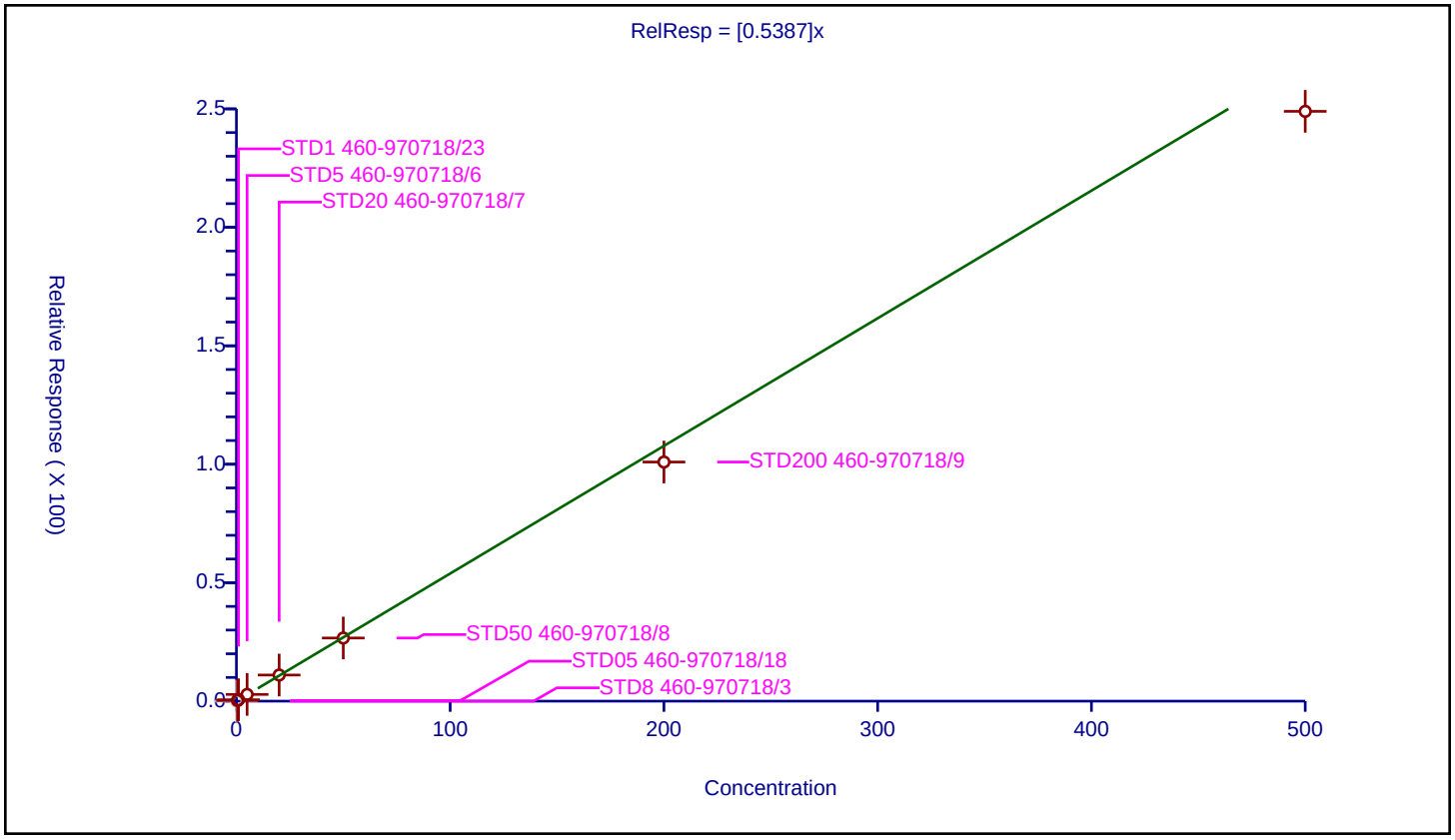
Curve Coefficients

Intercept:	0
Slope:	0.5387

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.264136	50.0	428756.0	0.528272	Y
3	STD1 460-970718/23	1.0	0.588354	50.0	441571.0	0.588354	Y
4	STD5 460-970718/6	5.0	2.838859	50.0	319794.0	0.567772	Y
5	STD20 460-970718/7	20.0	11.019362	50.0	406784.0	0.550968	Y
6	STD50 460-970718/8	50.0	26.650828	50.0	392924.0	0.533017	Y
7	STD200 460-970718/9	200.0	100.937499	50.0	376267.0	0.504687	Y
8	STD500 460-970718/10	500.0	248.959937	50.0	353969.0	0.49792	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

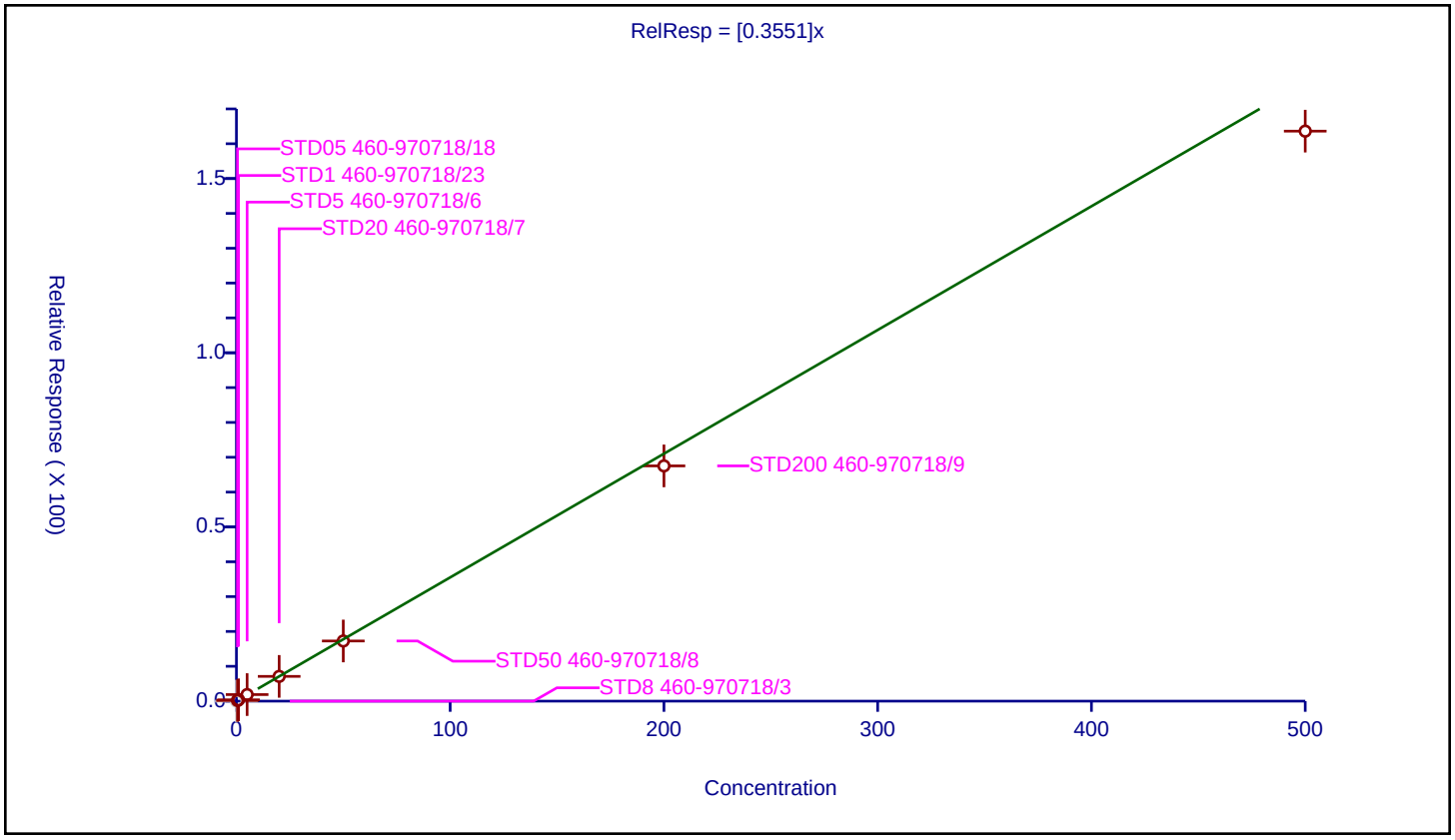
Curve Coefficients

Intercept:	0
Slope:	0.3551

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.183788	50.0	428756.0	0.367575	Y
3	STD1 460-970718/23	1.0	0.376157	50.0	441571.0	0.376157	Y
4	STD5 460-970718/6	5.0	1.882618	50.0	319794.0	0.376524	Y
5	STD20 460-970718/7	20.0	7.107949	50.0	406784.0	0.355397	Y
6	STD50 460-970718/8	50.0	17.265934	50.0	392924.0	0.345319	Y
7	STD200 460-970718/9	200.0	67.527049	50.0	376267.0	0.337635	Y
8	STD500 460-970718/10	500.0	163.615882	50.0	353969.0	0.327232	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

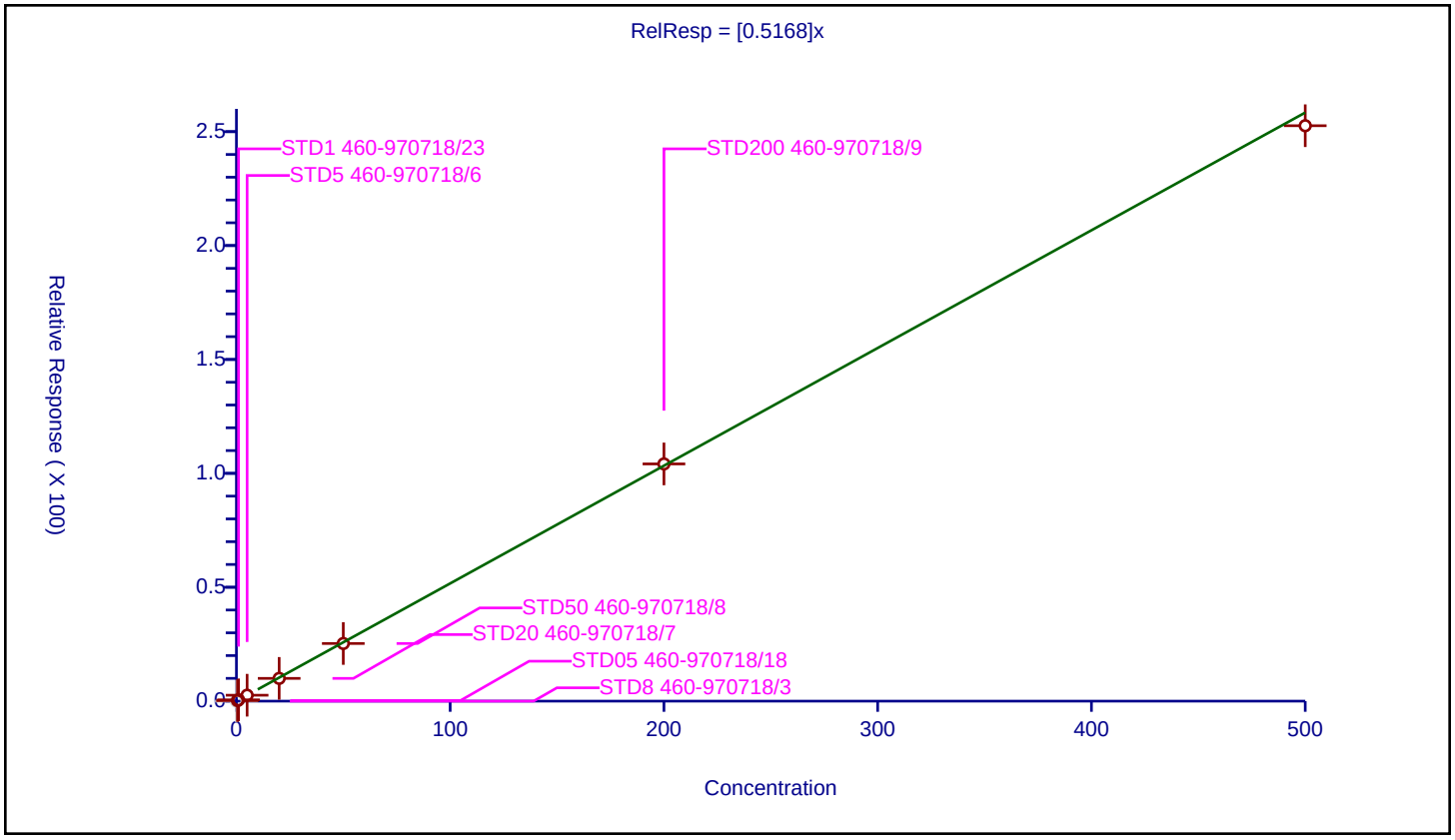
Curve Coefficients

Intercept:	0
Slope:	0.5168

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.246877	50.0	428756.0	0.493754	Y
3	STD1 460-970718/23	1.0	0.571482	50.0	441571.0	0.571482	Y
4	STD5 460-970718/6	5.0	2.603238	50.0	319794.0	0.520648	Y
5	STD20 460-970718/7	20.0	9.986381	50.0	406784.0	0.499319	Y
6	STD50 460-970718/8	50.0	25.308584	50.0	392924.0	0.506172	Y
7	STD200 460-970718/9	200.0	104.144265	50.0	376267.0	0.520721	Y
8	STD500 460-970718/10	500.0	252.611387	50.0	353969.0	0.505223	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

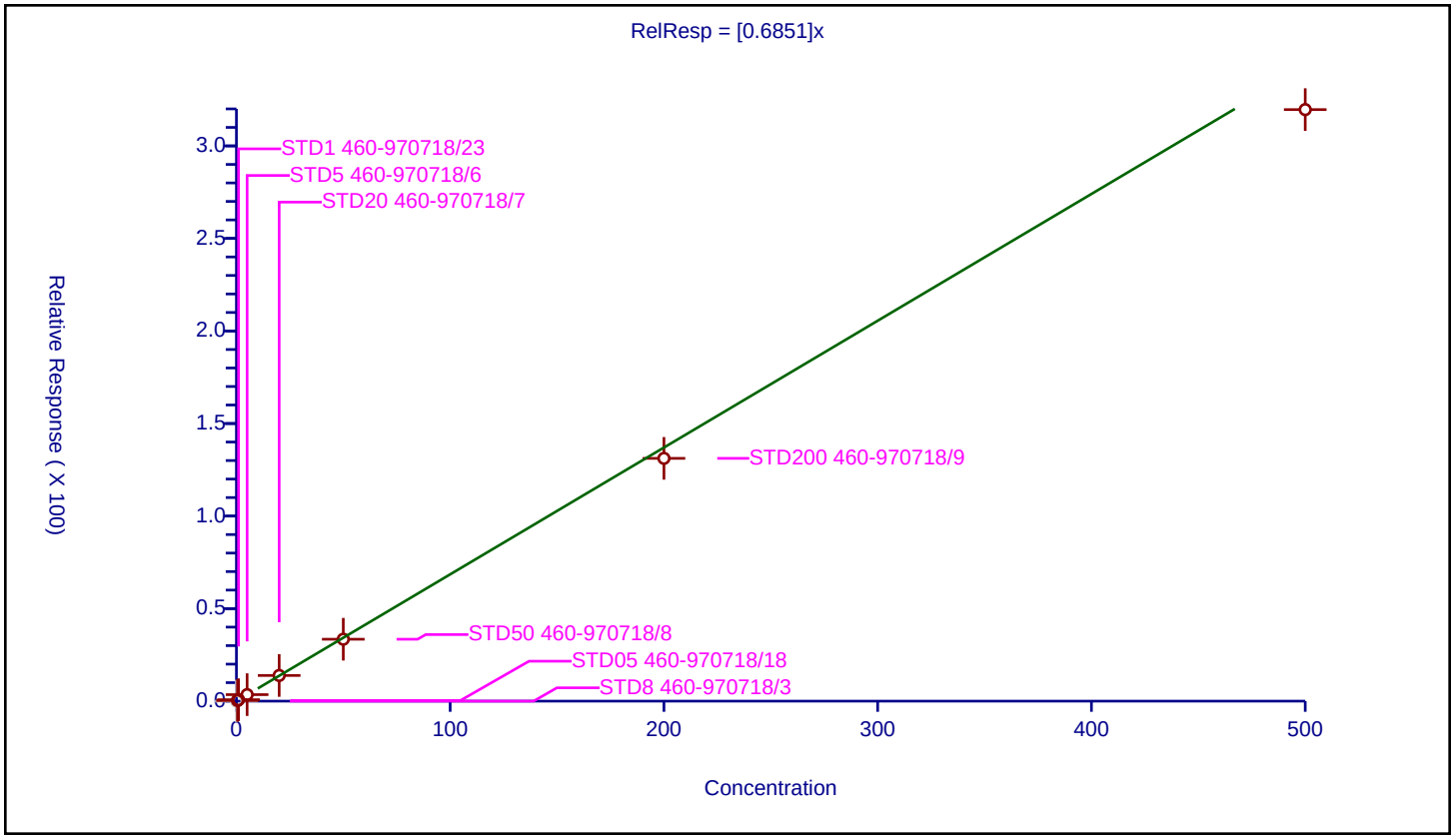
Curve Coefficients

Intercept:	0
Slope:	0.6851

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.332357	50.0	428756.0	0.664714	Y
3	STD1 460-970718/23	1.0	0.770318	50.0	441571.0	0.770318	Y
4	STD5 460-970718/6	5.0	3.513981	50.0	319794.0	0.702796	Y
5	STD20 460-970718/7	20.0	13.872596	50.0	406784.0	0.69363	Y
6	STD50 460-970718/8	50.0	33.454816	50.0	392924.0	0.669096	Y
7	STD200 460-970718/9	200.0	131.182113	50.0	376267.0	0.655911	Y
8	STD500 460-970718/10	500.0	319.611181	50.0	353969.0	0.639222	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

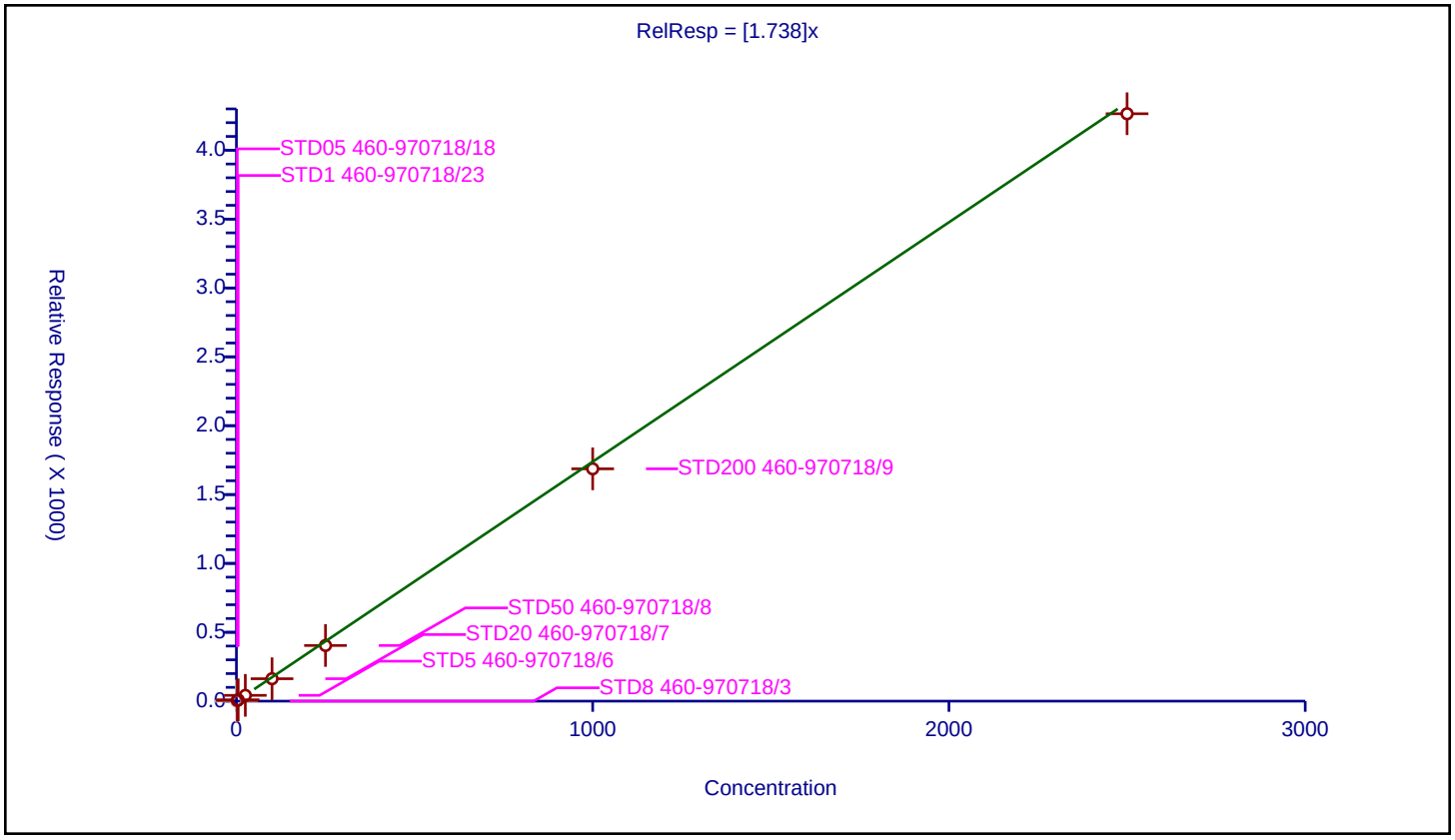
Curve Coefficients

Intercept:	0
Slope:	1.738

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	250.0	228518.0	NaN	N
2	STD05 460-970718/18	2.5	4.717437	250.0	320884.0	1.886975	Y
3	STD1 460-970718/23	5.0	9.807798	250.0	321224.0	1.96156	Y
4	STD5 460-970718/6	25.0	42.078894	250.0	252591.0	1.683156	Y
5	STD20 460-970718/7	100.0	162.798675	250.0	298820.0	1.627987	Y
6	STD50 460-970718/8	250.0	403.9992	250.0	284982.0	1.615997	Y
7	STD200 460-970718/9	1000.0	1686.736928	250.0	243424.0	1.686737	Y
8	STD500 460-970718/10	2500.0	4264.784585	250.0	226655.0	1.705914	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

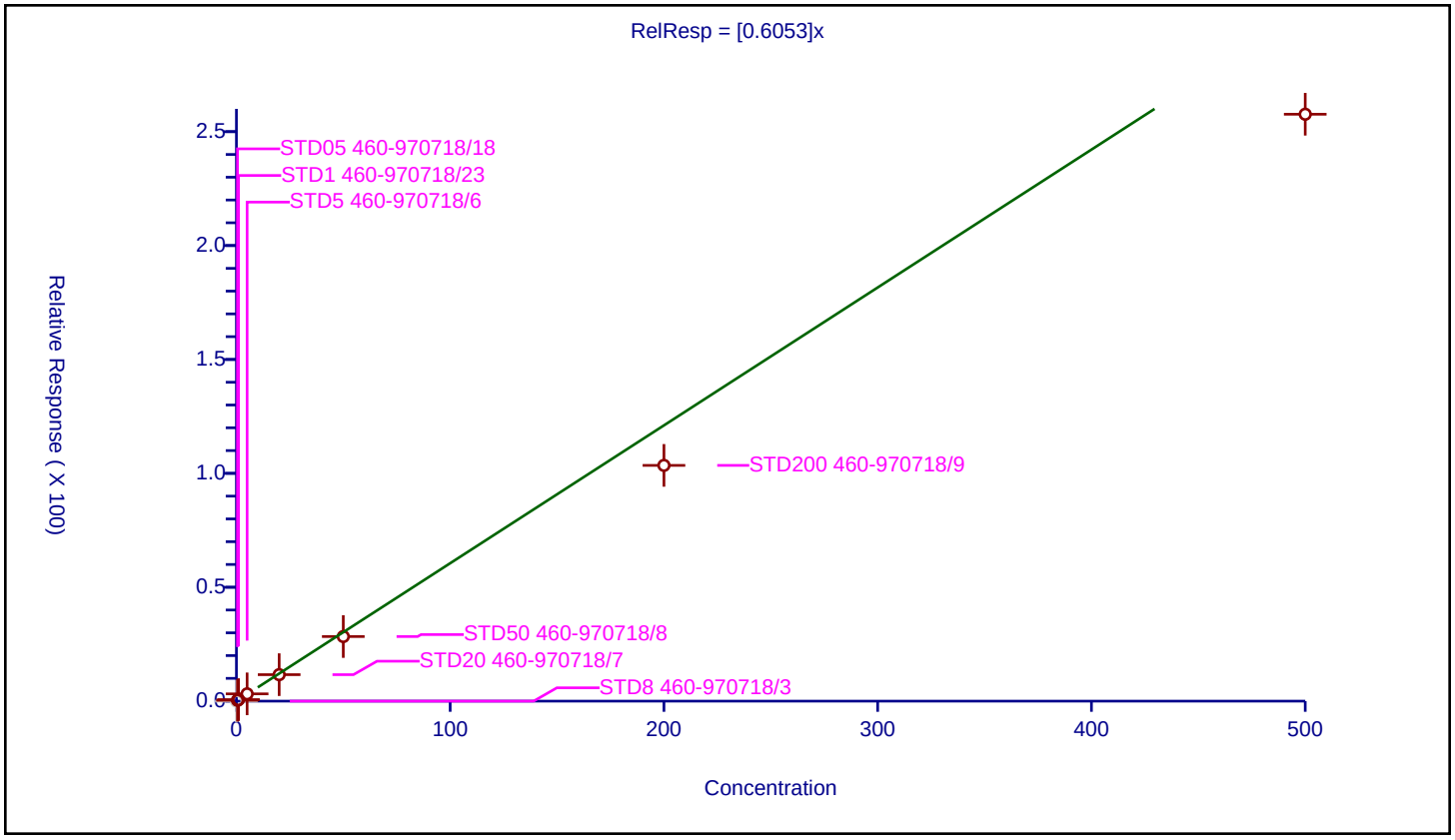
Curve Coefficients

Intercept:	0
Slope:	0.6053

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.377254	50.0	428756.0	0.754508	Y
3	STD1 460-970718/23	1.0	0.661502	50.0	441571.0	0.661502	Y
4	STD5 460-970718/6	5.0	3.200341	50.0	319794.0	0.640068	Y
5	STD20 460-970718/7	20.0	11.624474	50.0	406784.0	0.581224	Y
6	STD50 460-970718/8	50.0	28.356883	50.0	392924.0	0.567138	Y
7	STD200 460-970718/9	200.0	103.498978	50.0	376267.0	0.517495	Y
8	STD500 460-970718/10	500.0	257.65067	50.0	353969.0	0.515301	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

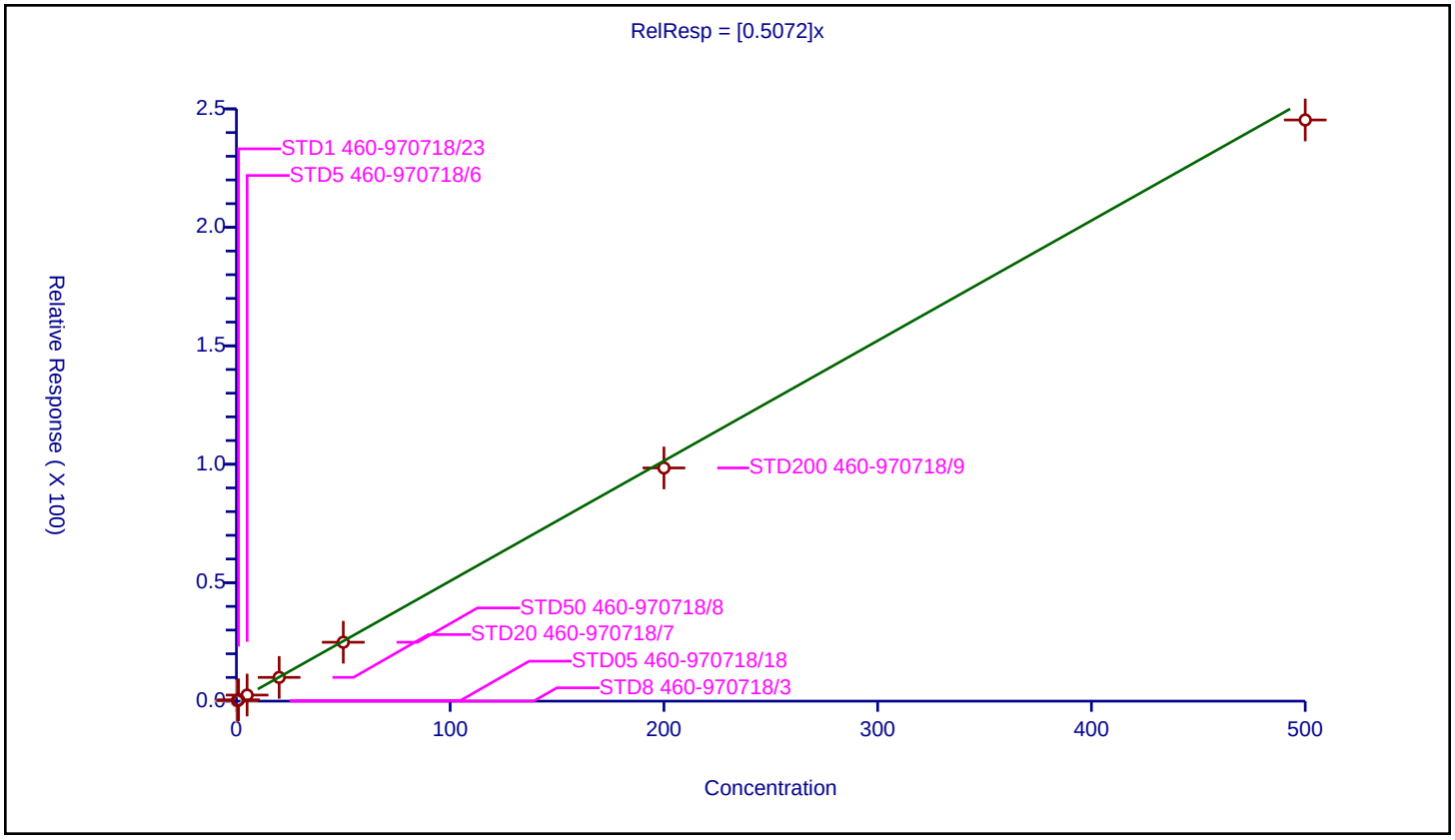
Curve Coefficients

Intercept:	0
Slope:	0.5072

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.241396	50.0	428756.0	0.482792	Y
3	STD1 460-970718/23	1.0	0.572388	50.0	441571.0	0.572388	Y
4	STD5 460-970718/6	5.0	2.568998	50.0	319794.0	0.5138	Y
5	STD20 460-970718/7	20.0	10.022026	50.0	406784.0	0.501101	Y
6	STD50 460-970718/8	50.0	24.861678	50.0	392924.0	0.497234	Y
7	STD200 460-970718/9	200.0	98.430636	50.0	376267.0	0.492153	Y
8	STD500 460-970718/10	500.0	245.326003	50.0	353969.0	0.490652	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

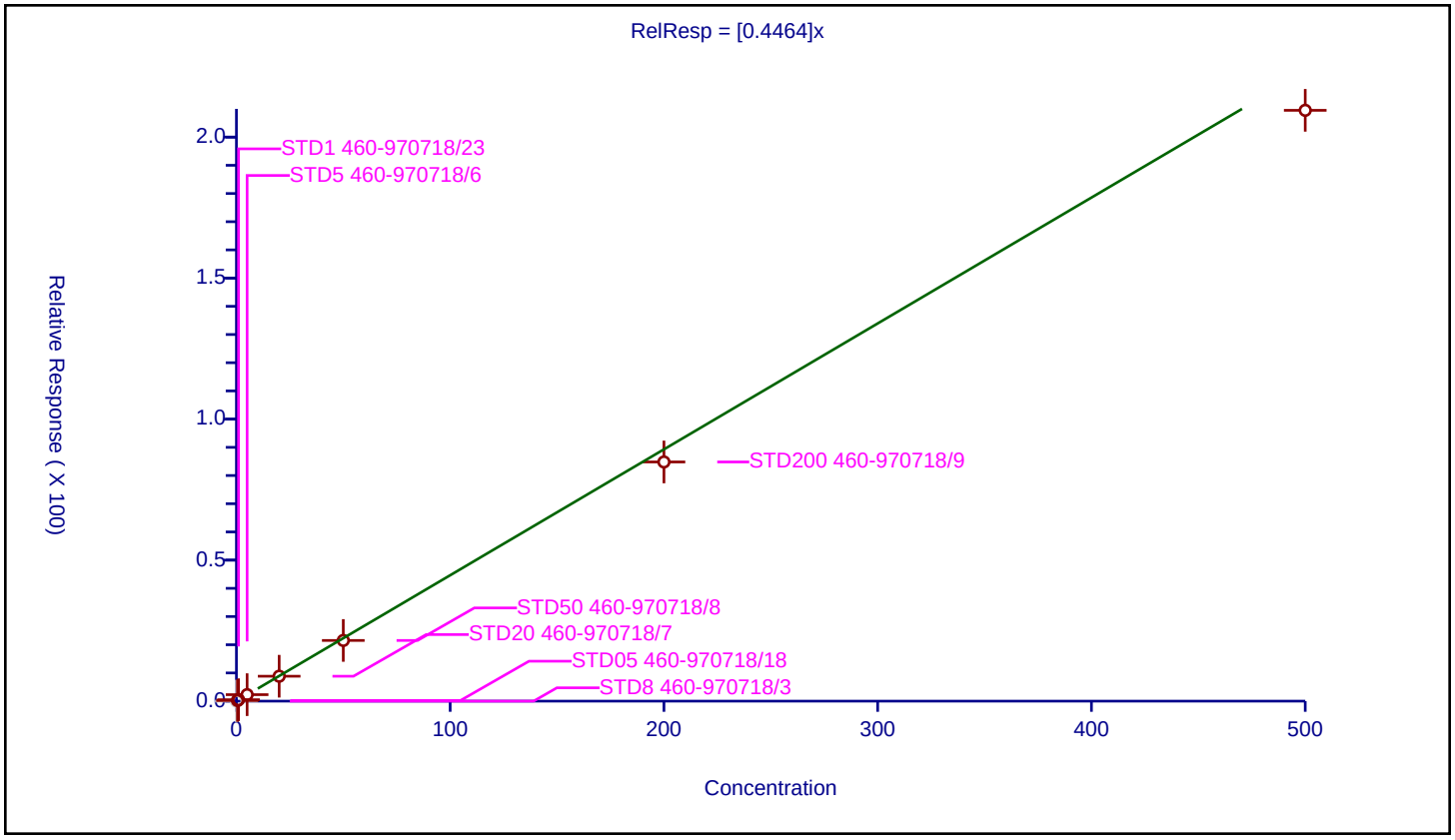
Curve Coefficients

Intercept:	0
Slope:	0.4464

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.222737	50.0	428756.0	0.445475	Y
3	STD1 460-970718/23	1.0	0.503543	50.0	441571.0	0.503543	Y
4	STD5 460-970718/6	5.0	2.302107	50.0	319794.0	0.460421	Y
5	STD20 460-970718/7	20.0	8.837491	50.0	406784.0	0.441875	Y
6	STD50 460-970718/8	50.0	21.518411	50.0	392924.0	0.430368	Y
7	STD200 460-970718/9	200.0	84.807464	50.0	376267.0	0.424037	Y
8	STD500 460-970718/10	500.0	209.490944	50.0	353969.0	0.418982	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

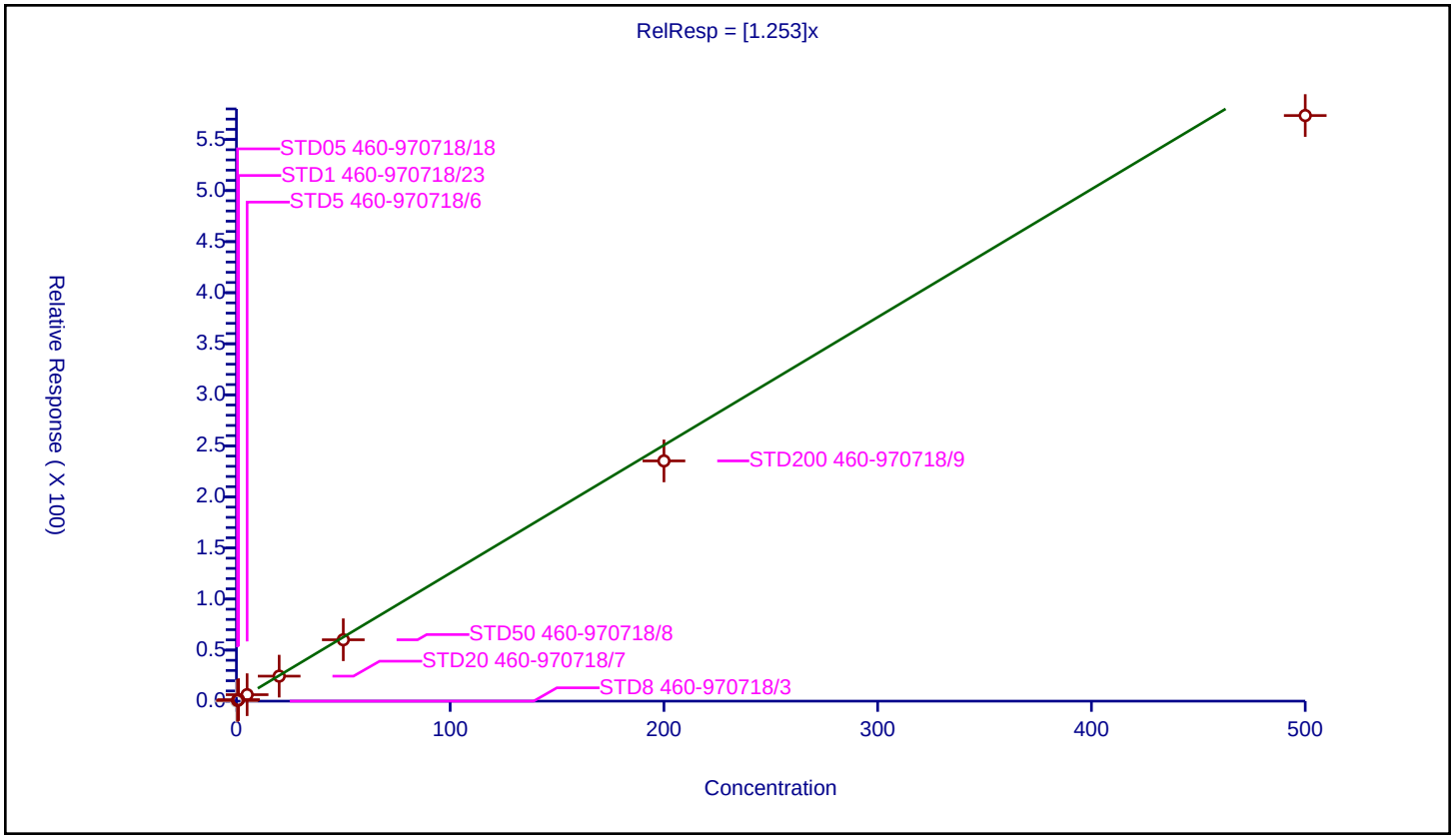
Curve Coefficients

Intercept:	0
Slope:	1.253

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.6583	50.0	428756.0	1.3166	Y
3	STD1 460-970718/23	1.0	1.441331	50.0	441571.0	1.441331	Y
4	STD5 460-970718/6	5.0	6.331889	50.0	319794.0	1.266378	Y
5	STD20 460-970718/7	20.0	24.470726	50.0	406784.0	1.223536	Y
6	STD50 460-970718/8	50.0	60.102208	50.0	392924.0	1.202044	Y
7	STD200 460-970718/9	200.0	235.262726	50.0	376267.0	1.176314	Y
8	STD500 460-970718/10	500.0	573.494007	50.0	353969.0	1.146988	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

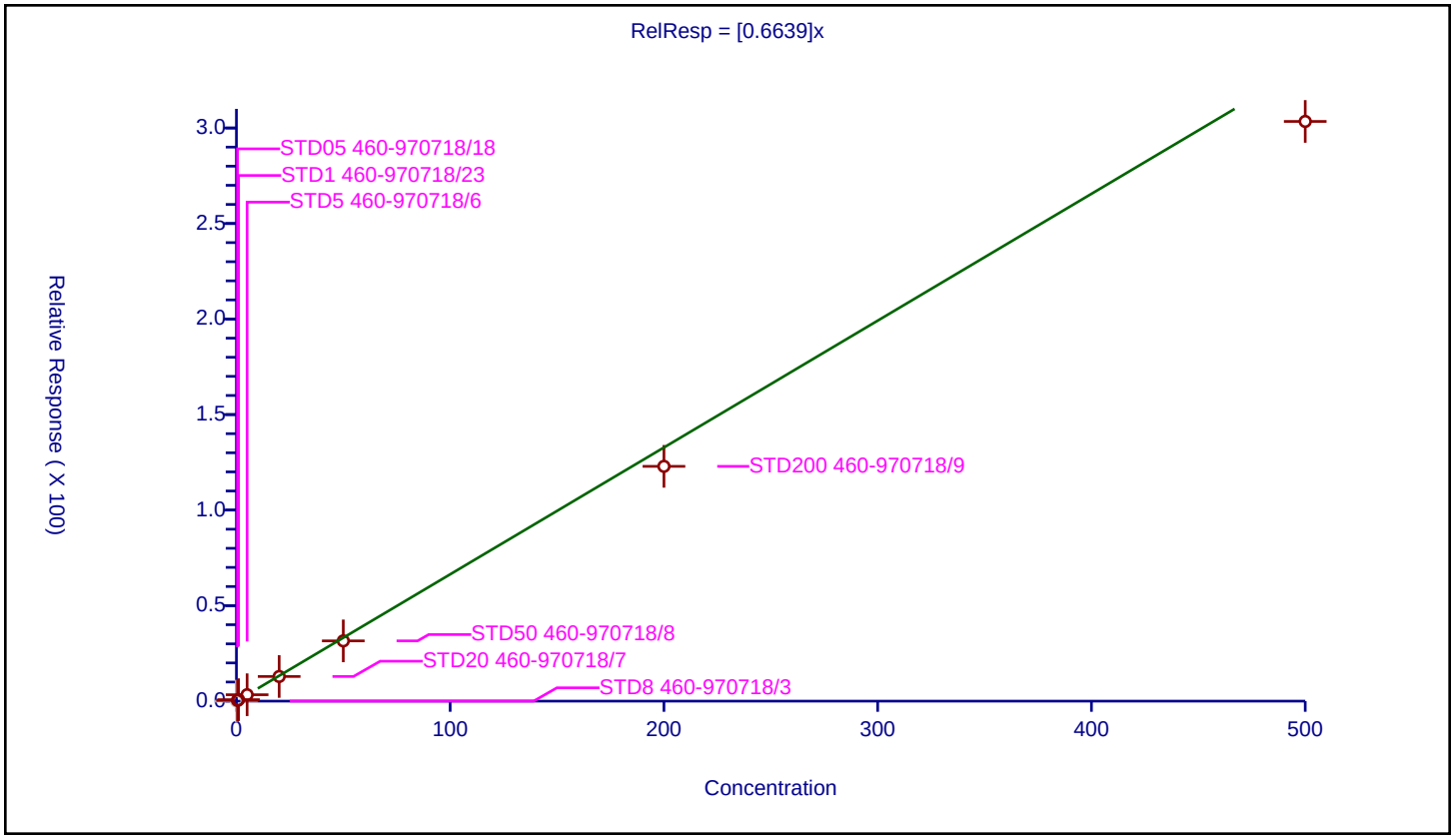
Curve Coefficients

Intercept:	0
Slope:	0.6639

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.361511	50.0	428756.0	0.723022	Y
3	STD1 460-970718/23	1.0	0.757409	50.0	441571.0	0.757409	Y
4	STD5 460-970718/6	5.0	3.347624	50.0	319794.0	0.669525	Y
5	STD20 460-970718/7	20.0	12.898123	50.0	406784.0	0.644906	Y
6	STD50 460-970718/8	50.0	31.538924	50.0	392924.0	0.630778	Y
7	STD200 460-970718/9	200.0	122.903151	50.0	376267.0	0.614516	Y
8	STD500 460-970718/10	500.0	303.43773	50.0	353969.0	0.606875	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

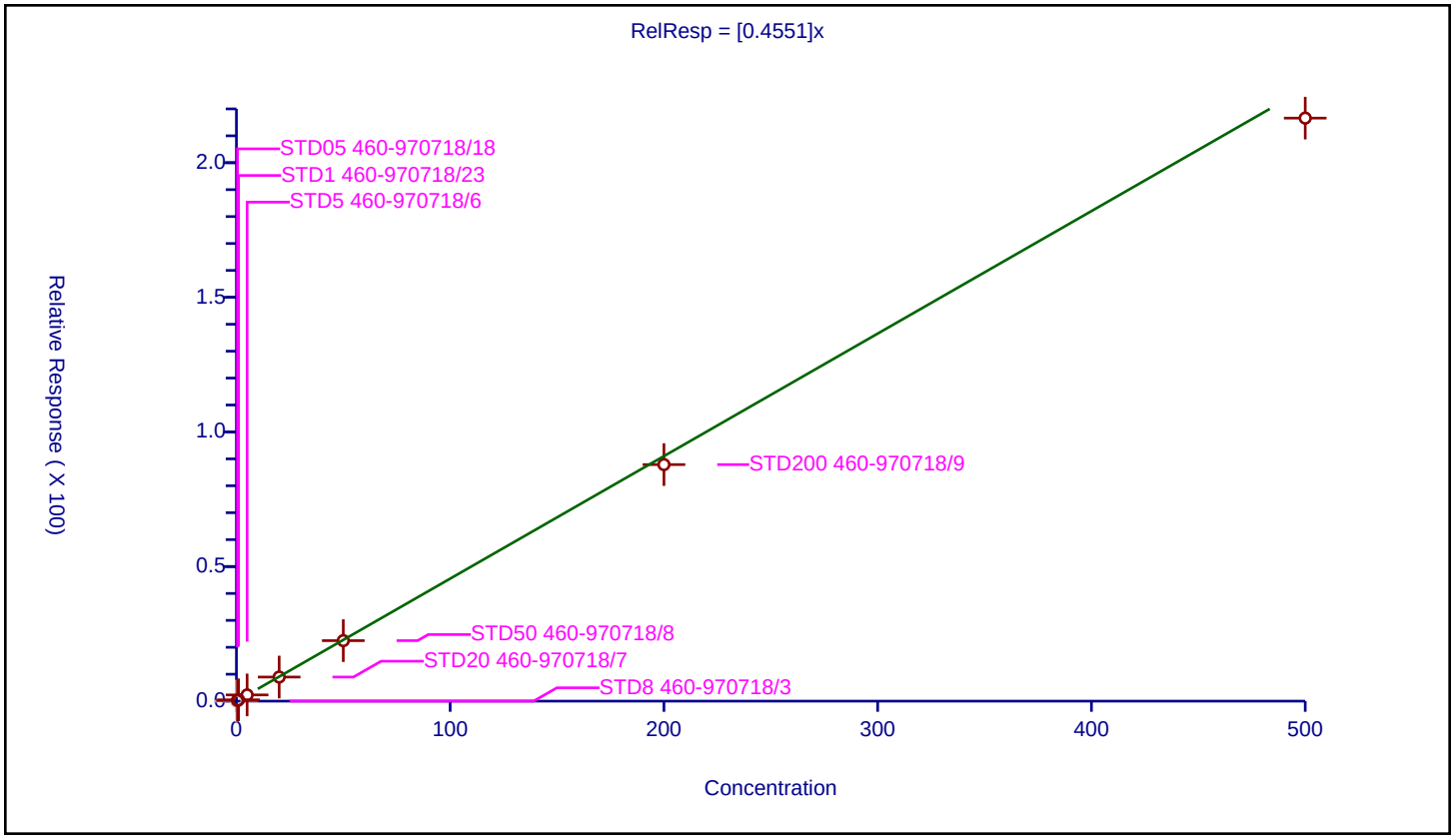
Curve Coefficients

Intercept:	0
Slope:	0.4551

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.231134	50.0	428756.0	0.462268	Y
3	STD1 460-970718/23	1.0	0.492786	50.0	441571.0	0.492786	Y
4	STD5 460-970718/6	5.0	2.305859	50.0	319794.0	0.461172	Y
5	STD20 460-970718/7	20.0	8.951188	50.0	406784.0	0.447559	Y
6	STD50 460-970718/8	50.0	22.47203	50.0	392924.0	0.449441	Y
7	STD200 460-970718/9	200.0	87.867791	50.0	376267.0	0.439339	Y
8	STD500 460-970718/10	500.0	216.581254	50.0	353969.0	0.433163	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

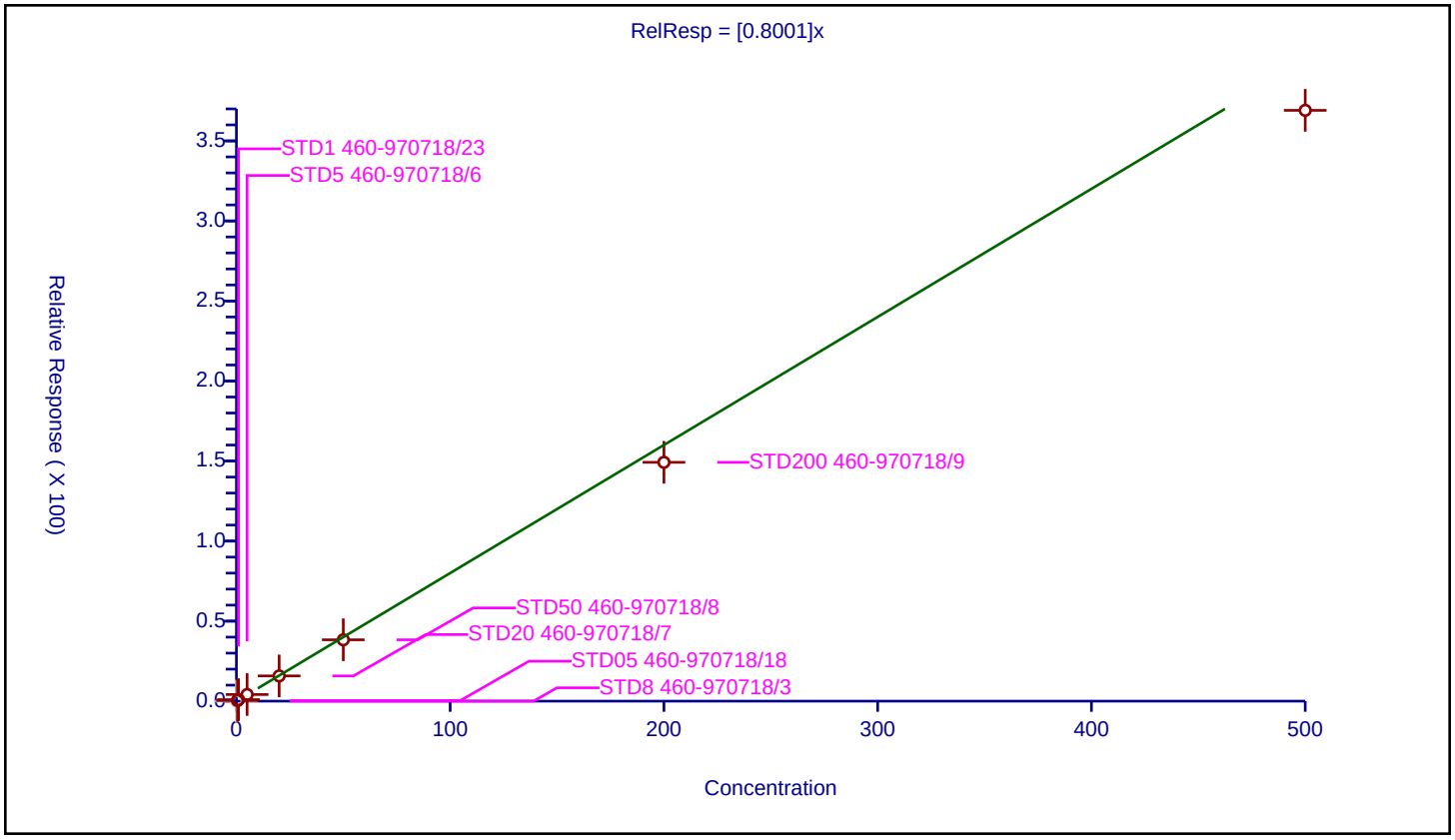
Curve Coefficients

Intercept:	0
Slope:	0.8001

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.397662	50.0	428756.0	0.795324	Y
3	STD1 460-970718/23	1.0	0.940959	50.0	441571.0	0.940959	Y
4	STD5 460-970718/6	5.0	4.127188	50.0	319794.0	0.825438	Y
5	STD20 460-970718/7	20.0	15.764509	50.0	406784.0	0.788225	Y
6	STD50 460-970718/8	50.0	38.331077	50.0	392924.0	0.766622	Y
7	STD200 460-970718/9	200.0	149.202162	50.0	376267.0	0.746011	Y
8	STD500 460-970718/10	500.0	369.078648	50.0	353969.0	0.738157	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

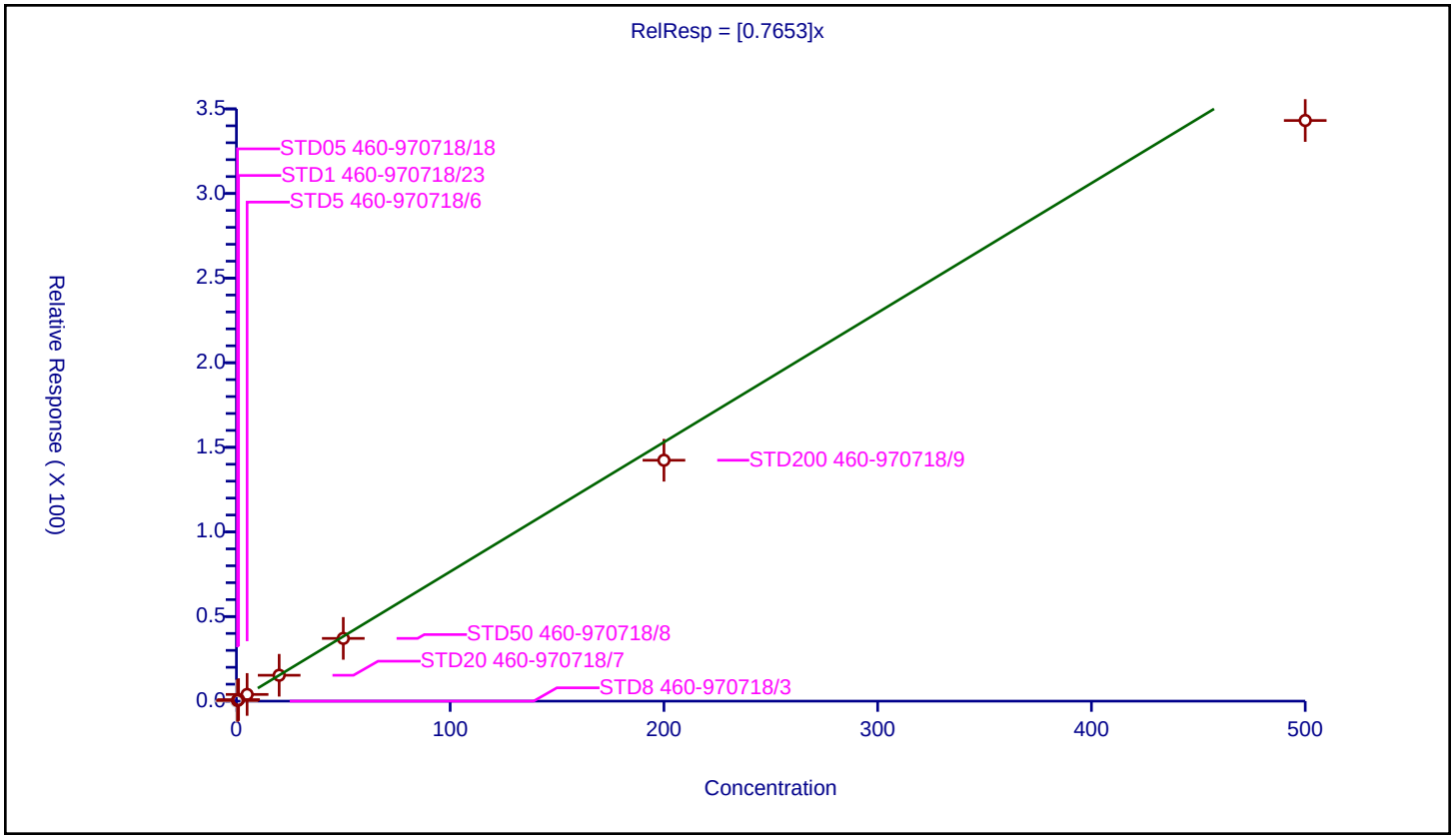
Curve Coefficients

Intercept:	0
Slope:	0.7653

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.388916	50.0	428756.0	0.777832	Y
3	STD1 460-970718/23	1.0	0.882644	50.0	441571.0	0.882644	Y
4	STD5 460-970718/6	5.0	3.961769	50.0	319794.0	0.792354	Y
5	STD20 460-970718/7	20.0	15.290547	50.0	406784.0	0.764527	Y
6	STD50 460-970718/8	50.0	37.071673	50.0	392924.0	0.741433	Y
7	STD200 460-970718/9	200.0	142.3541	50.0	376267.0	0.71177	Y
8	STD500 460-970718/10	500.0	343.14488	50.0	353969.0	0.68629	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

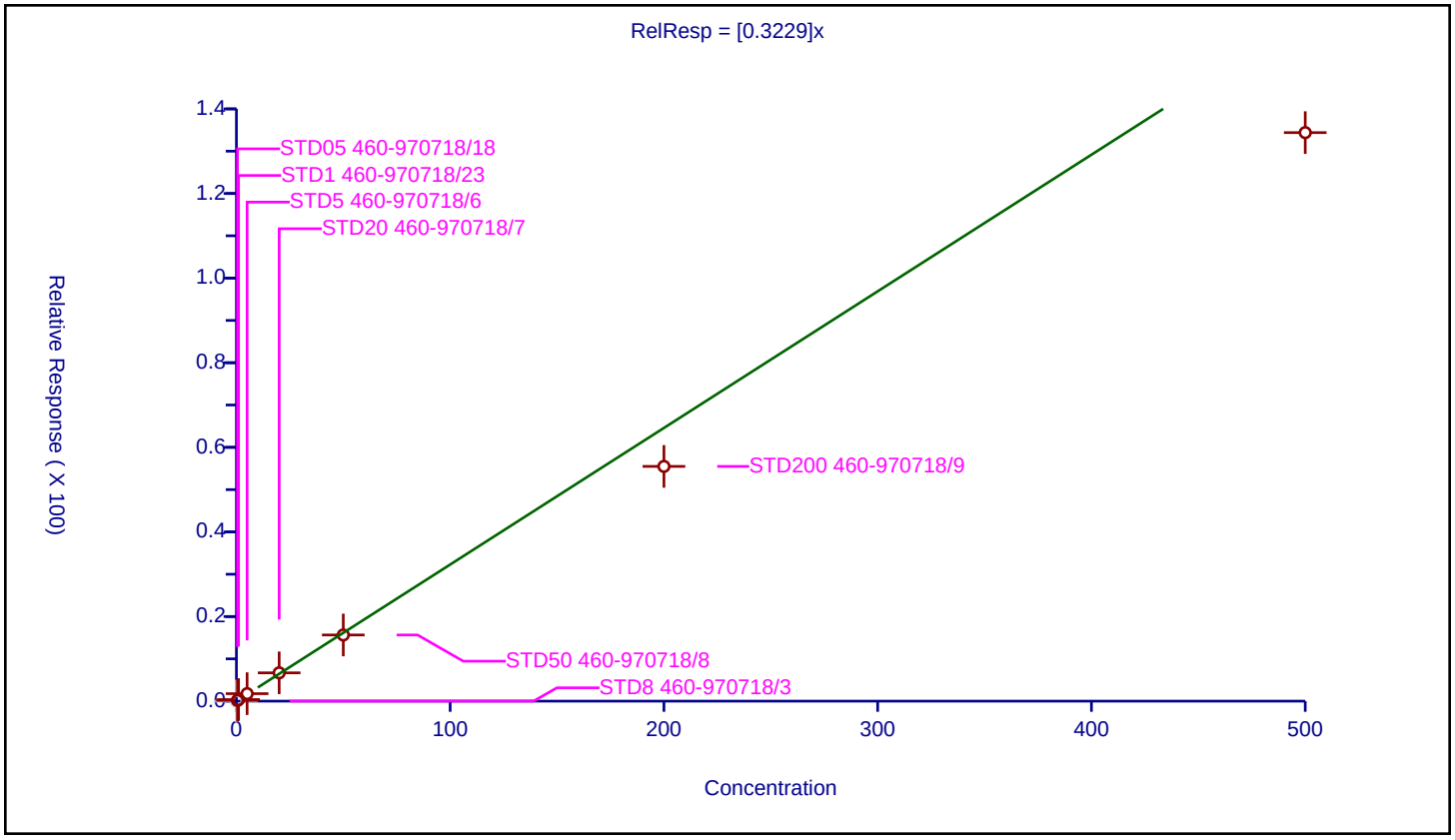
Curve Coefficients

Intercept:	0
Slope:	0.3229

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.170843	50.0	428756.0	0.341686	Y
3	STD1 460-970718/23	1.0	0.371854	50.0	441571.0	0.371854	Y
4	STD5 460-970718/6	5.0	1.766762	50.0	319794.0	0.353352	Y
5	STD20 460-970718/7	20.0	6.688316	50.0	406784.0	0.334416	Y
6	STD50 460-970718/8	50.0	15.641829	50.0	392924.0	0.312837	Y
7	STD200 460-970718/9	200.0	55.49025	50.0	376267.0	0.277451	Y
8	STD500 460-970718/10	500.0	134.389028	50.0	353969.0	0.268778	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

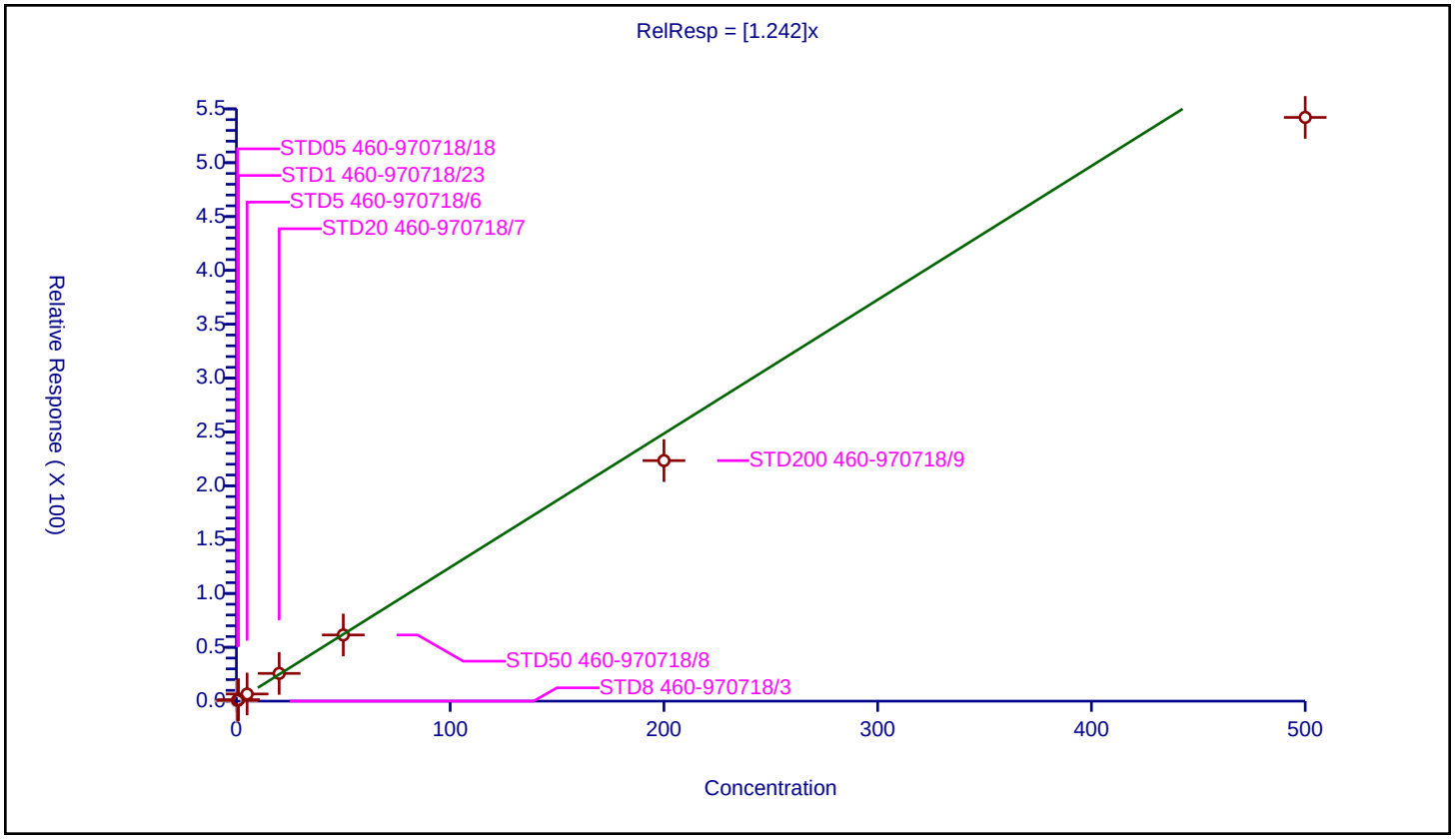
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.643023	50.0	428756.0	1.286046	Y
3	STD1 460-970718/23	1.0	1.365126	50.0	441571.0	1.365126	Y
4	STD5 460-970718/6	5.0	6.638961	50.0	319794.0	1.327792	Y
5	STD20 460-970718/7	20.0	25.760109	50.0	406784.0	1.288005	Y
6	STD50 460-970718/8	50.0	61.448779	50.0	392924.0	1.228976	Y
7	STD200 460-970718/9	200.0	223.386053	50.0	376267.0	1.11693	Y
8	STD500 460-970718/10	500.0	542.091539	50.0	353969.0	1.084183	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

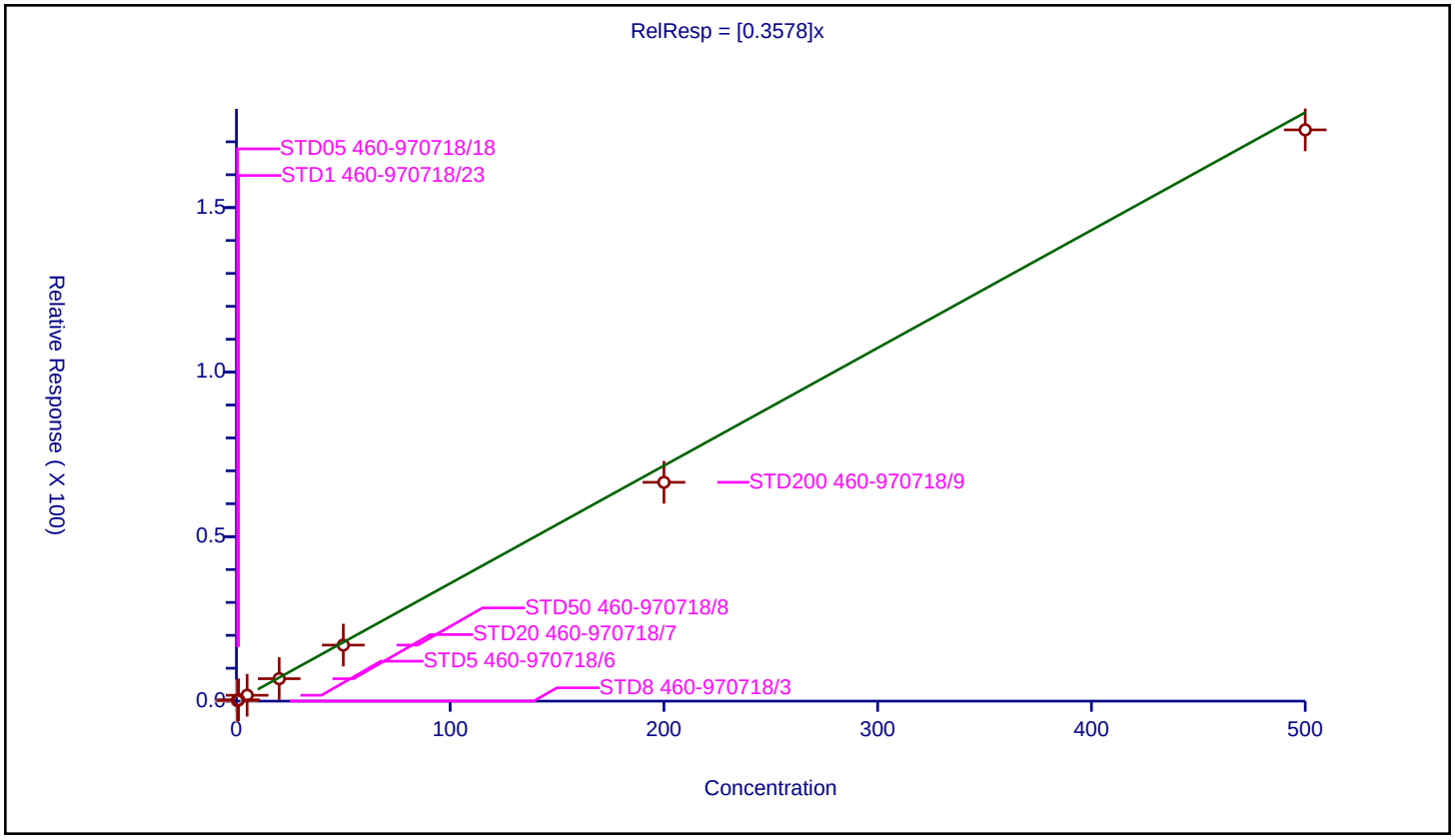
Curve Coefficients

Intercept:	0
Slope:	0.3578

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.189735	50.0	428756.0	0.37947	Y
3	STD1 460-970718/23	1.0	0.40673	50.0	441571.0	0.40673	Y
4	STD5 460-970718/6	5.0	1.785837	50.0	319794.0	0.357167	Y
5	STD20 460-970718/7	20.0	6.819221	50.0	406784.0	0.340961	Y
6	STD50 460-970718/8	50.0	17.035228	50.0	392924.0	0.340705	Y
7	STD200 460-970718/9	200.0	66.513008	50.0	376267.0	0.332565	Y
8	STD500 460-970718/10	500.0	173.632295	50.0	353969.0	0.347265	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

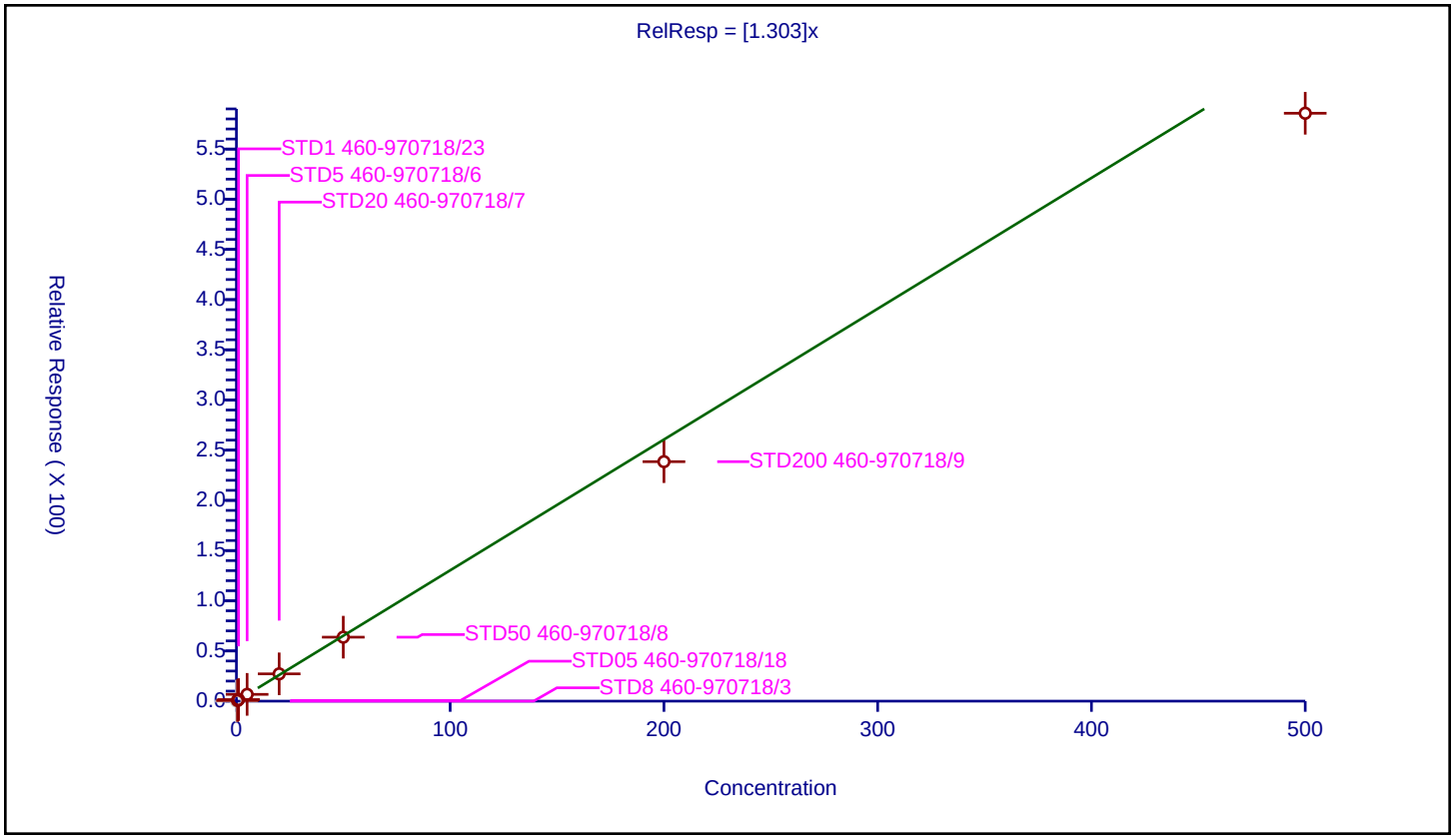
Curve Coefficients

Intercept:	0
Slope:	1.303

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.618226	50.0	220712.0	1.236453	Y
3	STD1 460-970718/23	1.0	1.539738	50.0	227214.0	1.539738	Y
4	STD5 460-970718/6	5.0	6.740498	50.0	164565.0	1.3481	Y
5	STD20 460-970718/7	20.0	27.173301	50.0	204171.0	1.358665	Y
6	STD50 460-970718/8	50.0	63.722262	50.0	190446.0	1.274445	Y
7	STD200 460-970718/9	200.0	238.557925	50.0	178888.0	1.19279	Y
8	STD500 460-970718/10	500.0	585.642563	50.0	177072.0	1.171285	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

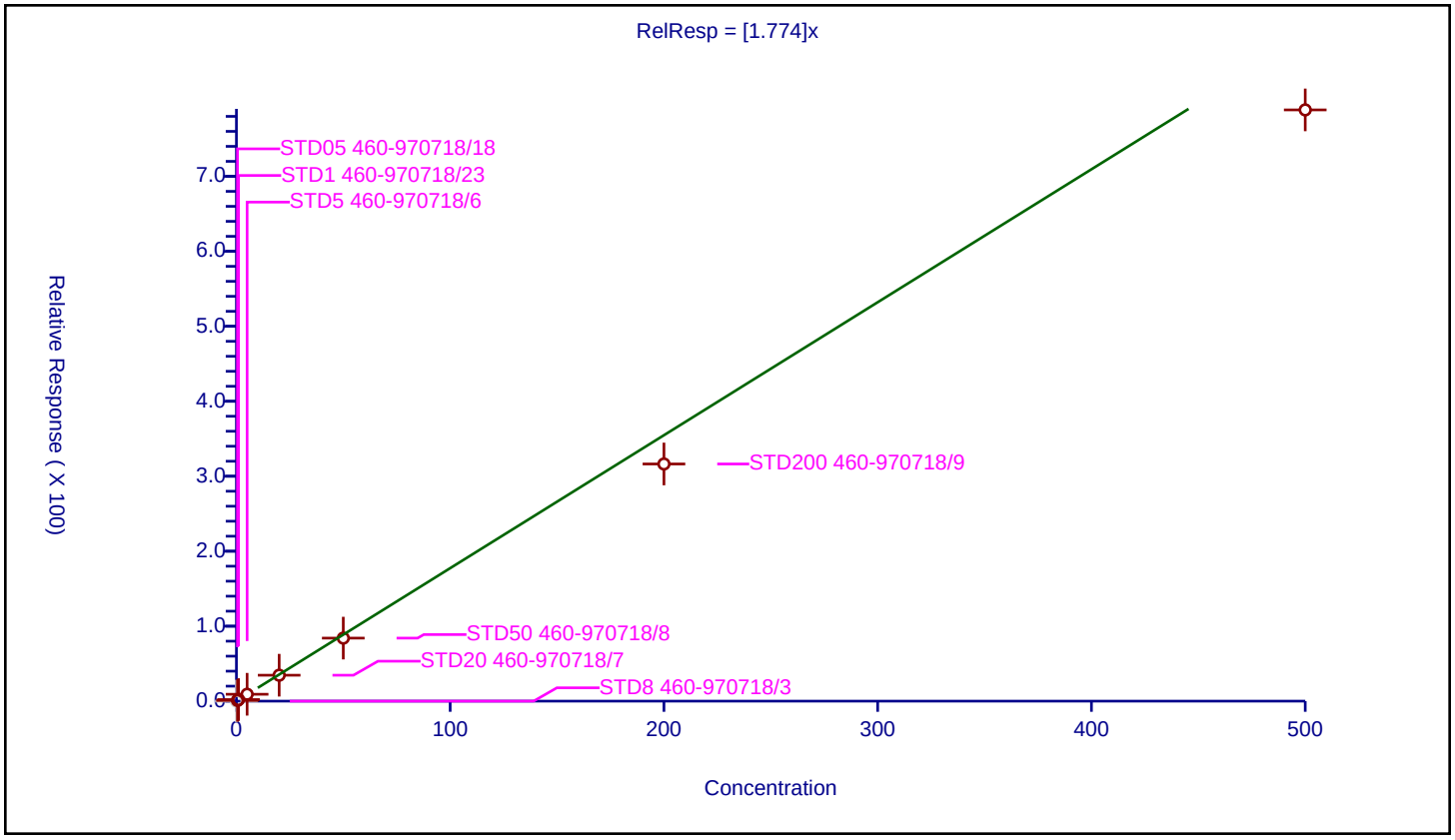
Curve Coefficients

Intercept:	0
Slope:	1.774

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	391218.0	NaN	N
2	STD05 460-970718/18	0.5	0.958121	50.0	428756.0	1.916241	Y
3	STD1 460-970718/23	1.0	2.09083	50.0	441571.0	2.09083	Y
4	STD5 460-970718/6	5.0	9.191229	50.0	319794.0	1.838246	Y
5	STD20 460-970718/7	20.0	34.587029	50.0	406784.0	1.729351	Y
6	STD50 460-970718/8	50.0	84.063967	50.0	392924.0	1.681279	Y
7	STD200 460-970718/9	200.0	316.334279	50.0	376267.0	1.581671	Y
8	STD500 460-970718/10	500.0	788.66412	50.0	353969.0	1.577328	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

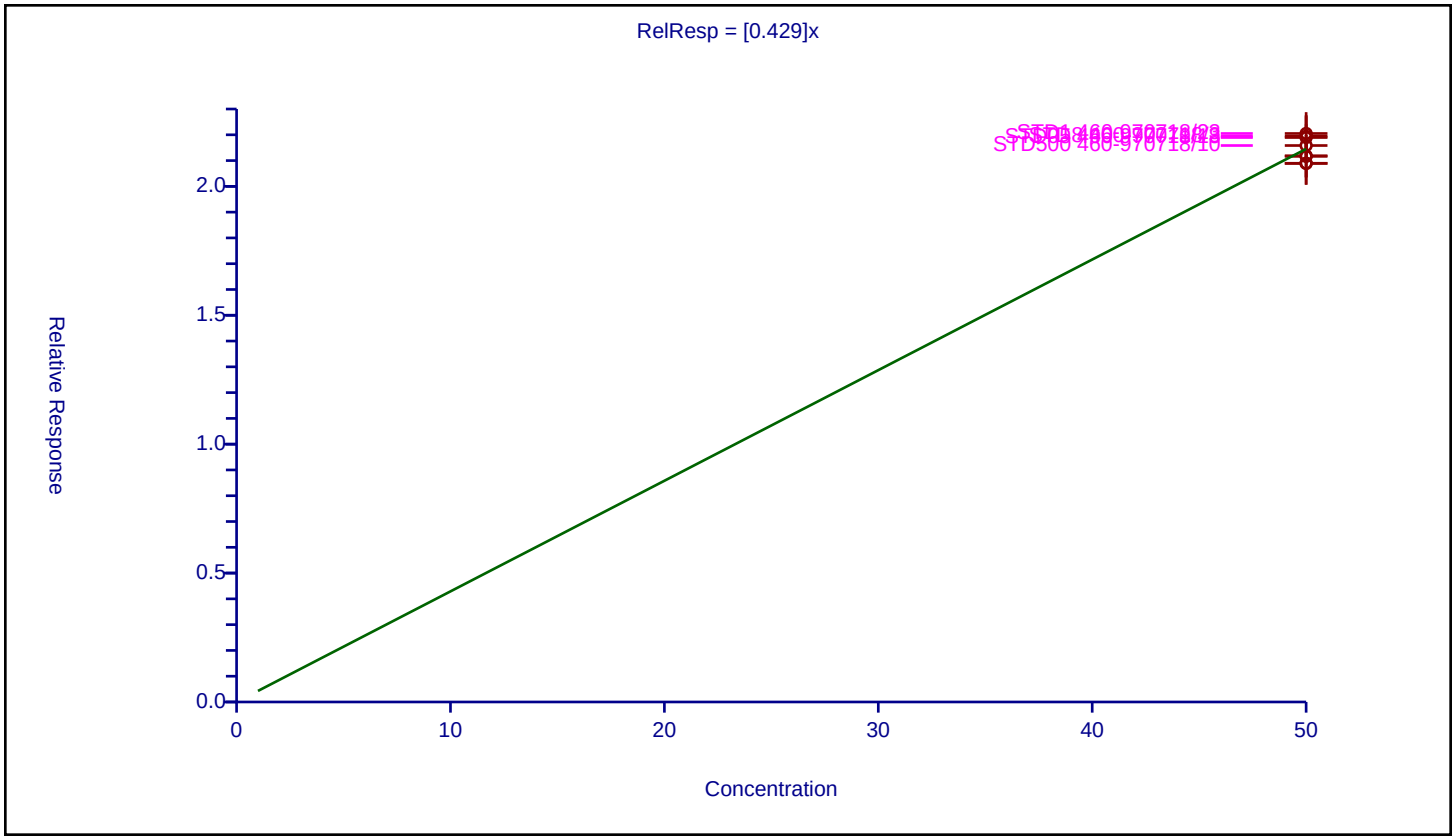
Curve Coefficients

Intercept:	0
Slope:	0.429

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	50.0	21.941603	50.0	391218.0	0.438832	Y
2	STD5 460-970718/6	50.0	21.164093	50.0	319794.0	0.423282	Y
3	STD20 460-970718/7	50.0	21.187534	50.0	406784.0	0.423751	Y
4	STD50 460-970718/8	50.0	20.88979	50.0	392924.0	0.417796	Y
5	STD200 460-970718/9	50.0	20.896597	50.0	376267.0	0.417932	Y
6	STD500 460-970718/10	50.0	21.583529	50.0	353969.0	0.431671	Y
7	STD05 460-970718/18	50.0	21.893921	50.0	428756.0	0.437878	Y
8	STD1 460-970718/23	50.0	22.050021	50.0	441571.0	0.441	Y



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Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

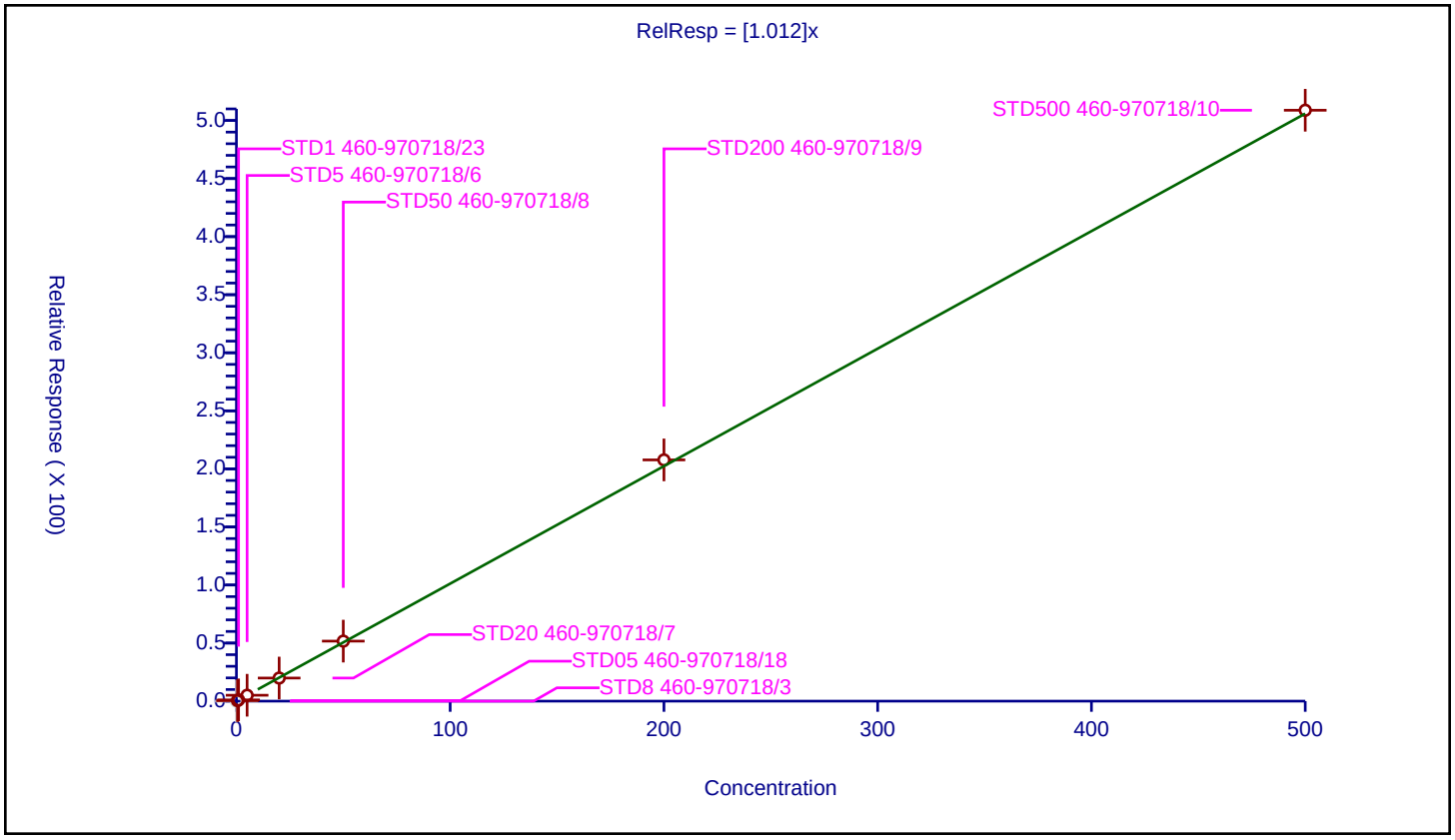
Curve Coefficients

Intercept:	0
Slope:	1.012

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.458516	50.0	220712.0	0.917032	Y
3	STD1 460-970718/23	1.0	1.067056	50.0	227214.0	1.067056	Y
4	STD5 460-970718/6	5.0	5.070337	50.0	164565.0	1.014067	Y
5	STD20 460-970718/7	20.0	19.894353	50.0	204171.0	0.994718	Y
6	STD50 460-970718/8	50.0	51.674753	50.0	190446.0	1.033495	Y
7	STD200 460-970718/9	200.0	207.747026	50.0	178888.0	1.038735	Y
8	STD500 460-970718/10	500.0	508.835671	50.0	177072.0	1.017671	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

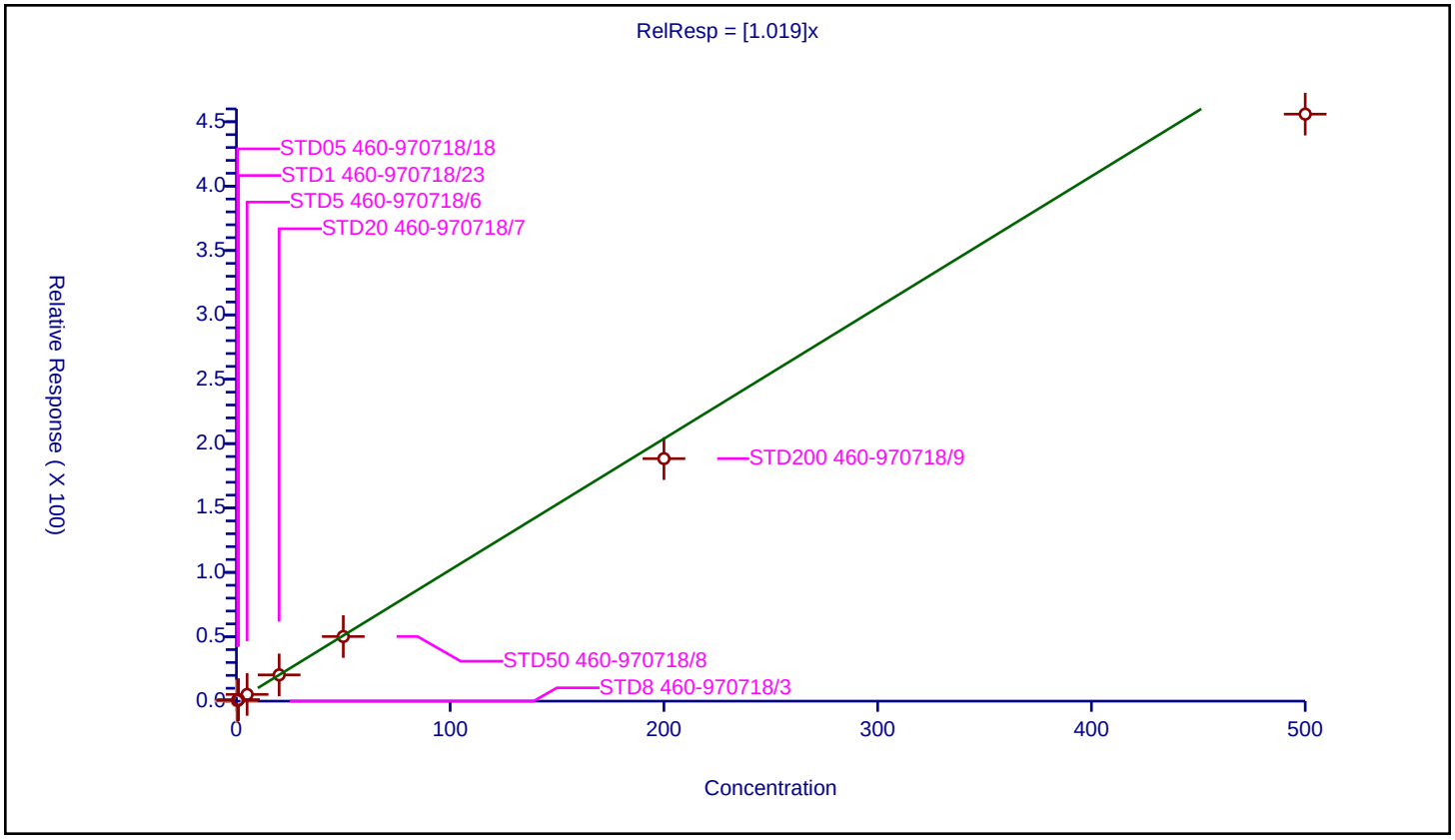
Curve Coefficients

Intercept:	0
Slope:	1.019

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.516737	50.0	220712.0	1.033473	Y
3	STD1 460-970718/23	1.0	1.178845	50.0	227214.0	1.178845	Y
4	STD5 460-970718/6	5.0	5.221037	50.0	164565.0	1.044207	Y
5	STD20 460-970718/7	20.0	20.390506	50.0	204171.0	1.019525	Y
6	STD50 460-970718/8	50.0	50.206358	50.0	190446.0	1.004127	Y
7	STD200 460-970718/9	200.0	188.356122	50.0	178888.0	0.941781	Y
8	STD500 460-970718/10	500.0	455.934309	50.0	177072.0	0.911869	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

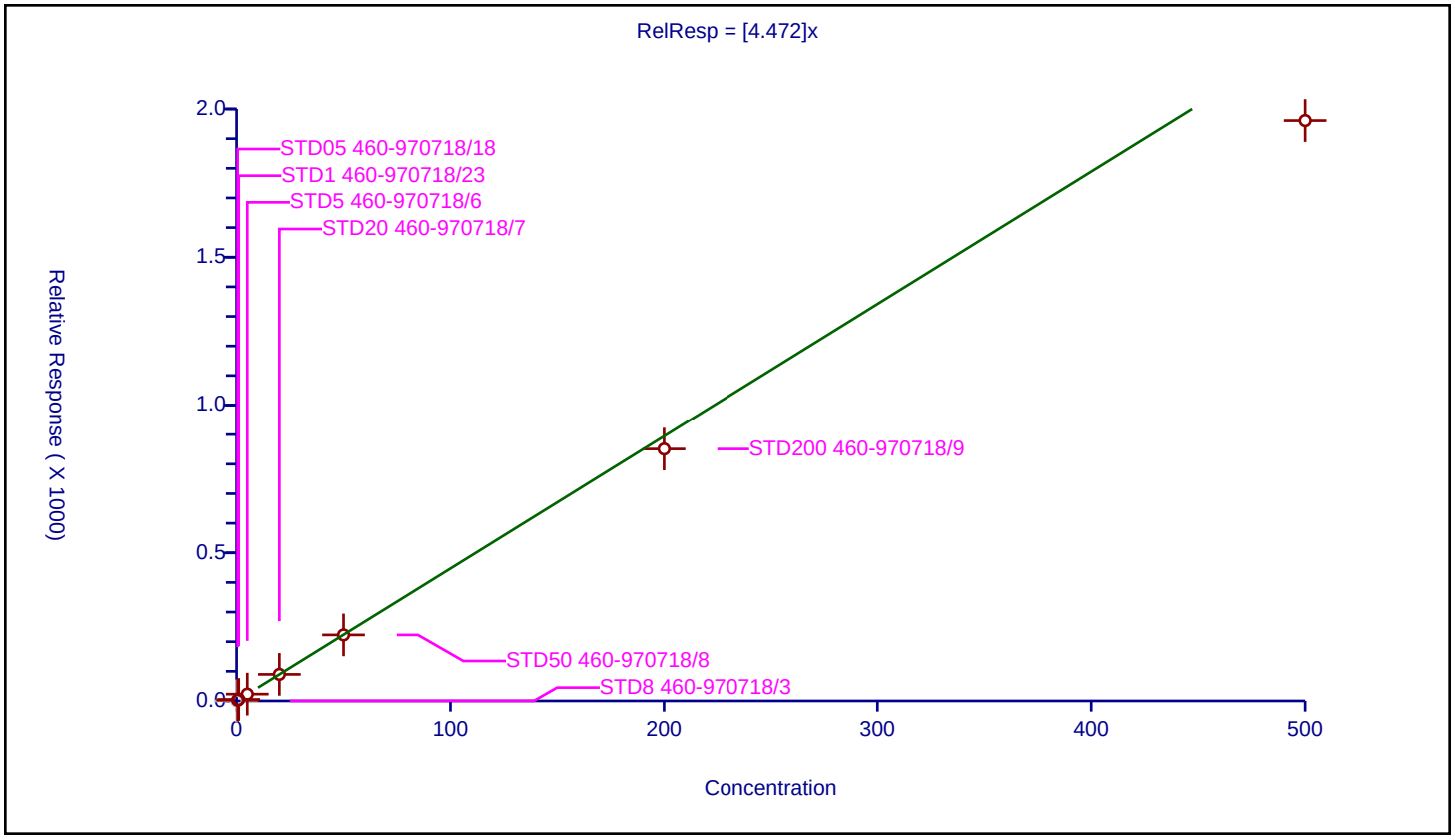
Curve Coefficients

Intercept:	0
Slope:	4.472

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	2.290315	50.0	220712.0	4.58063	Y
3	STD1 460-970718/23	1.0	5.014656	50.0	227214.0	5.014656	Y
4	STD5 460-970718/6	5.0	22.961748	50.0	164565.0	4.59235	Y
5	STD20 460-970718/7	20.0	89.662097	50.0	204171.0	4.483105	Y
6	STD50 460-970718/8	50.0	222.88549	50.0	190446.0	4.45771	Y
7	STD200 460-970718/9	200.0	851.049819	50.0	178888.0	4.255249	Y
8	STD500 460-970718/10	500.0	1961.095487	50.0	177072.0	3.922191	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

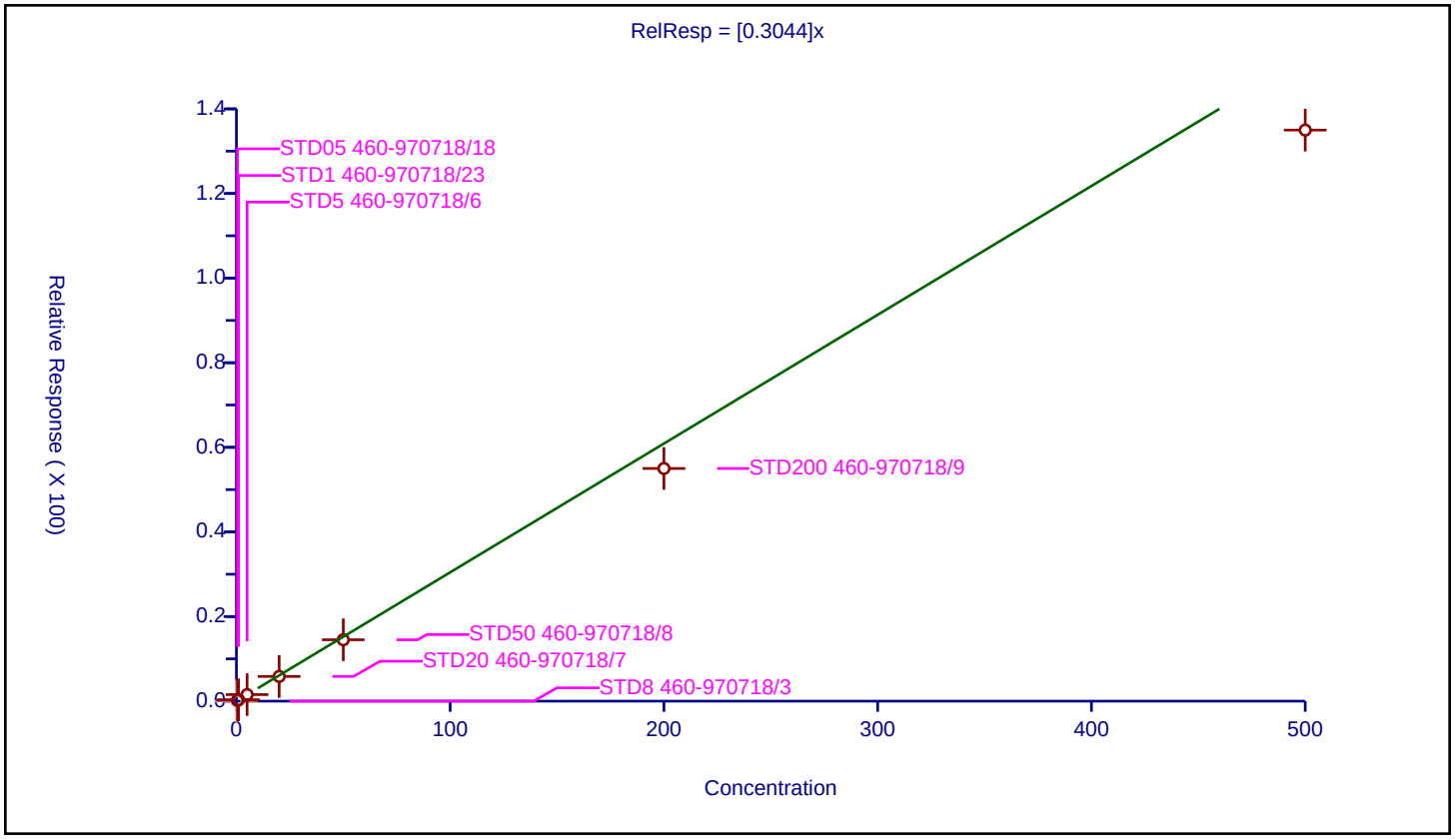
Curve Coefficients

Intercept:	0
Slope:	0.3044

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.188934	50.0	220712.0	0.377868	Y
3	STD1 460-970718/23	1.0	0.316662	50.0	227214.0	0.316662	Y
4	STD5 460-970718/6	5.0	1.548021	50.0	164565.0	0.309604	Y
5	STD20 460-970718/7	20.0	5.837019	50.0	204171.0	0.291851	Y
6	STD50 460-970718/8	50.0	14.506737	50.0	190446.0	0.290135	Y
7	STD200 460-970718/9	200.0	54.999217	50.0	178888.0	0.274996	Y
8	STD500 460-970718/10	500.0	134.987745	50.0	177072.0	0.269975	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

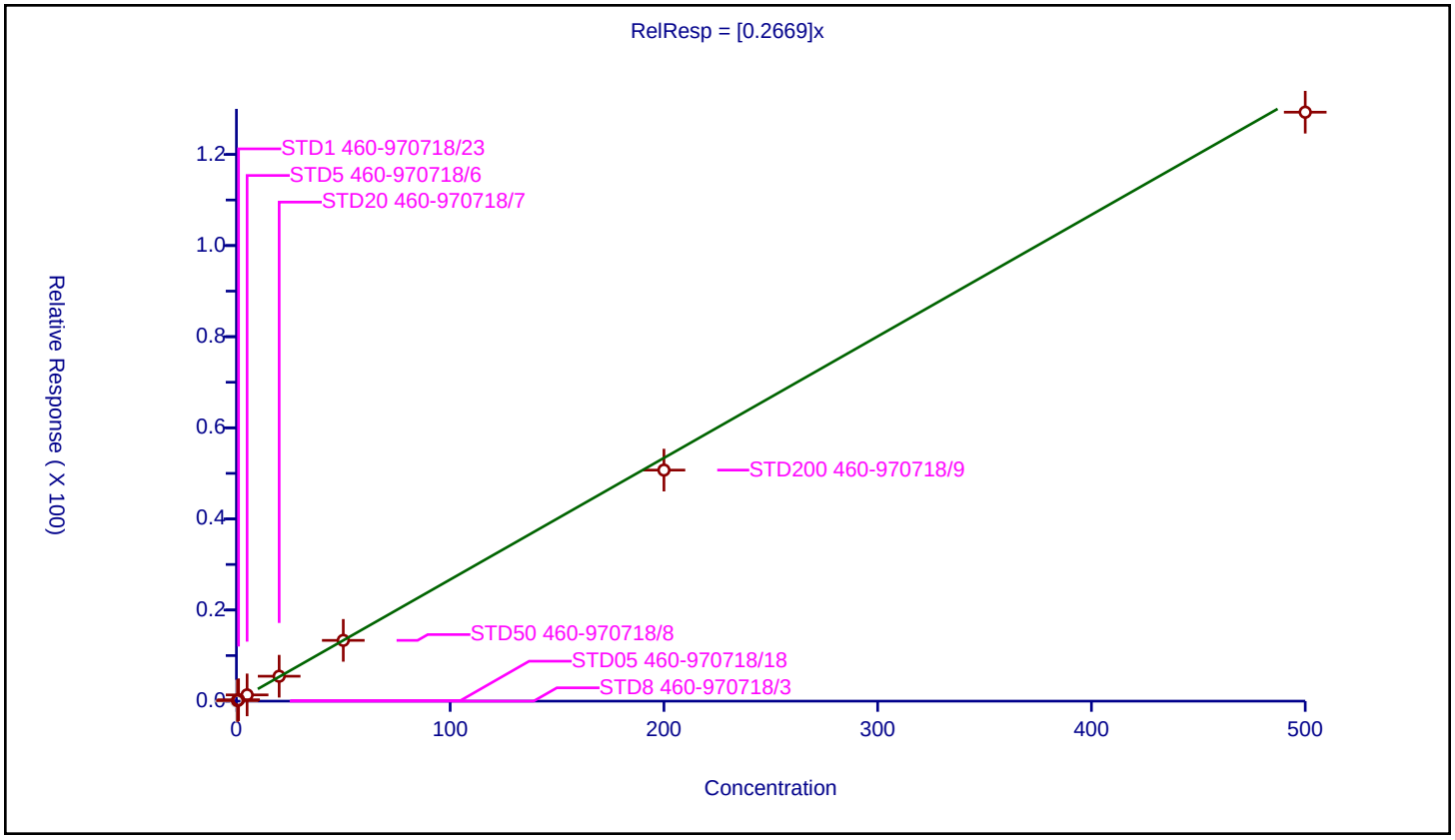
Curve Coefficients

Intercept:	0
Slope:	0.2669

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.119839	50.0	220712.0	0.239679	Y
3	STD1 460-970718/23	1.0	0.301478	50.0	227214.0	0.301478	Y
4	STD5 460-970718/6	5.0	1.373014	50.0	164565.0	0.274603	Y
5	STD20 460-970718/7	20.0	5.471394	50.0	204171.0	0.27357	Y
6	STD50 460-970718/8	50.0	13.338952	50.0	190446.0	0.266779	Y
7	STD200 460-970718/9	200.0	50.712457	50.0	178888.0	0.253562	Y
8	STD500 460-970718/10	500.0	129.276791	50.0	177072.0	0.258554	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

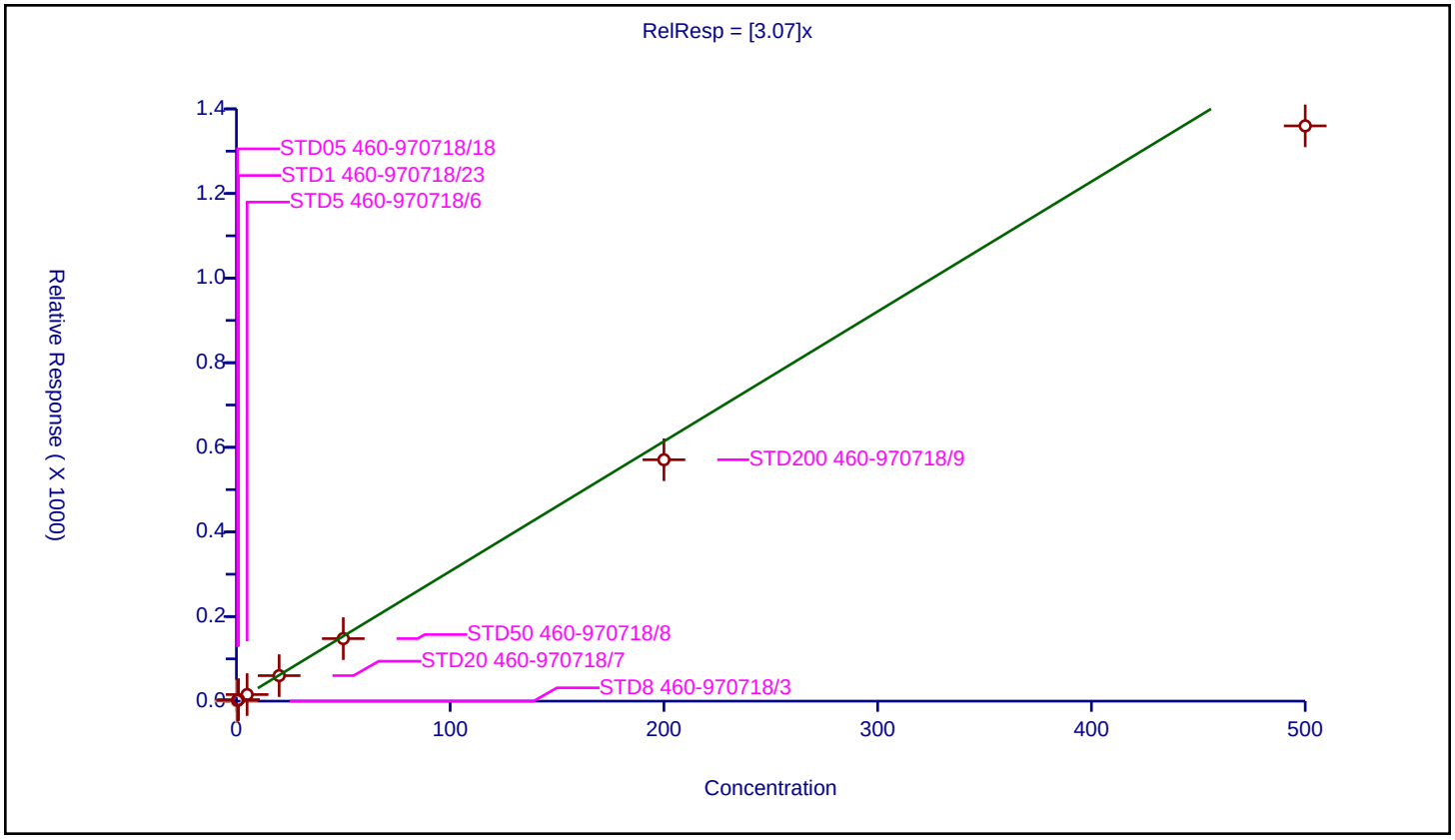
Curve Coefficients

Intercept:	0
Slope:	3.07

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.630405	50.0	220712.0	3.26081	Y
3	STD1 460-970718/23	1.0	3.576364	50.0	227214.0	3.576364	Y
4	STD5 460-970718/6	5.0	15.571962	50.0	164565.0	3.114392	Y
5	STD20 460-970718/7	20.0	60.261986	50.0	204171.0	3.013099	Y
6	STD50 460-970718/8	50.0	147.800164	50.0	190446.0	2.956003	Y
7	STD200 460-970718/9	200.0	570.605351	50.0	178888.0	2.853027	Y
8	STD500 460-970718/10	500.0	1359.860961	50.0	177072.0	2.719722	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

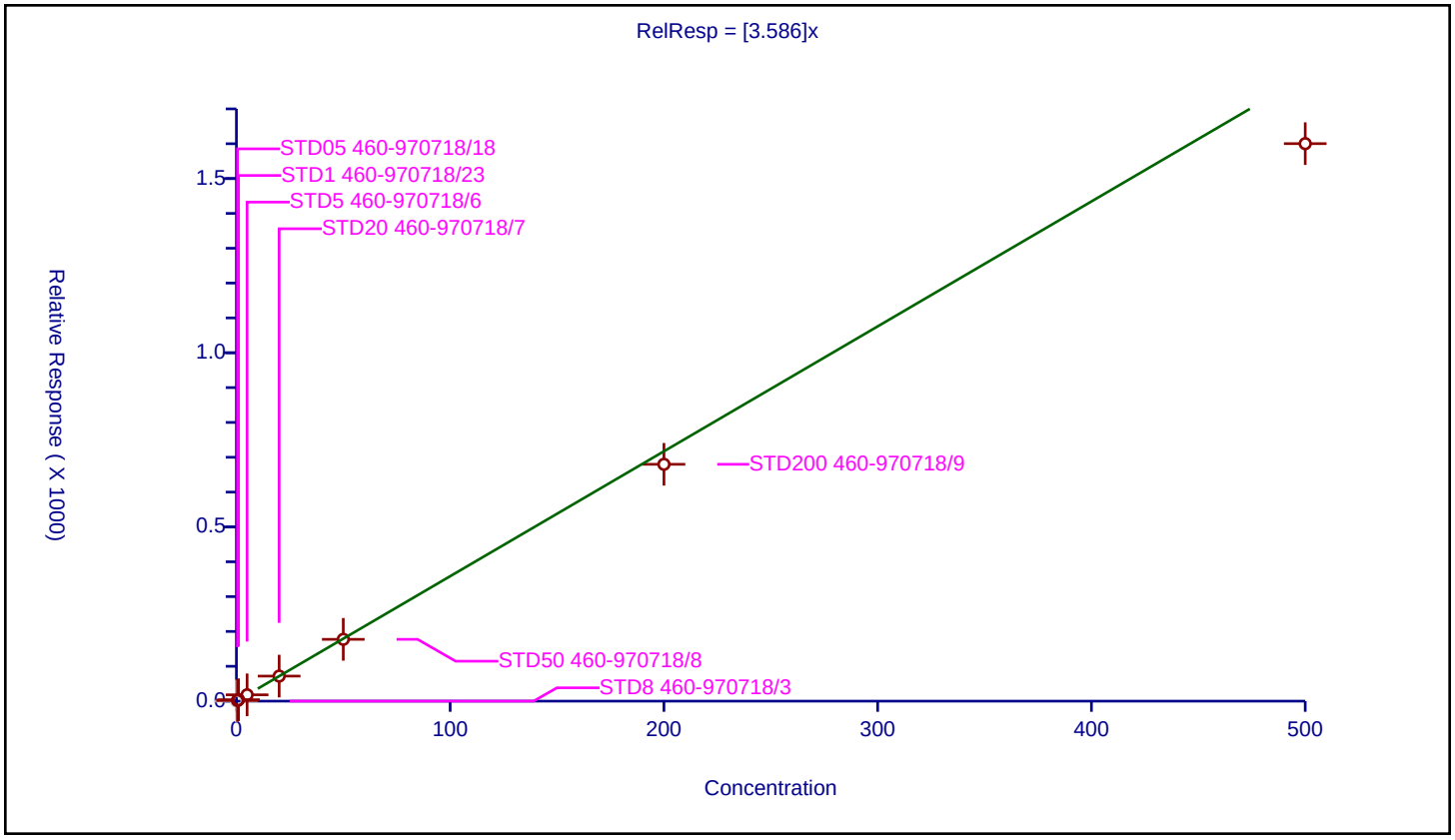
Curve Coefficients

Intercept:	0
Slope:	3.586

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.801443	50.0	220712.0	3.602885	Y
3	STD1 460-970718/23	1.0	4.124526	50.0	227214.0	4.124526	Y
4	STD5 460-970718/6	5.0	18.146325	50.0	164565.0	3.629265	Y
5	STD20 460-970718/7	20.0	71.935779	50.0	204171.0	3.596789	Y
6	STD50 460-970718/8	50.0	177.376789	50.0	190446.0	3.547536	Y
7	STD200 460-970718/9	200.0	679.817819	50.0	178888.0	3.399089	Y
8	STD500 460-970718/10	500.0	1600.199636	50.0	177072.0	3.200399	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

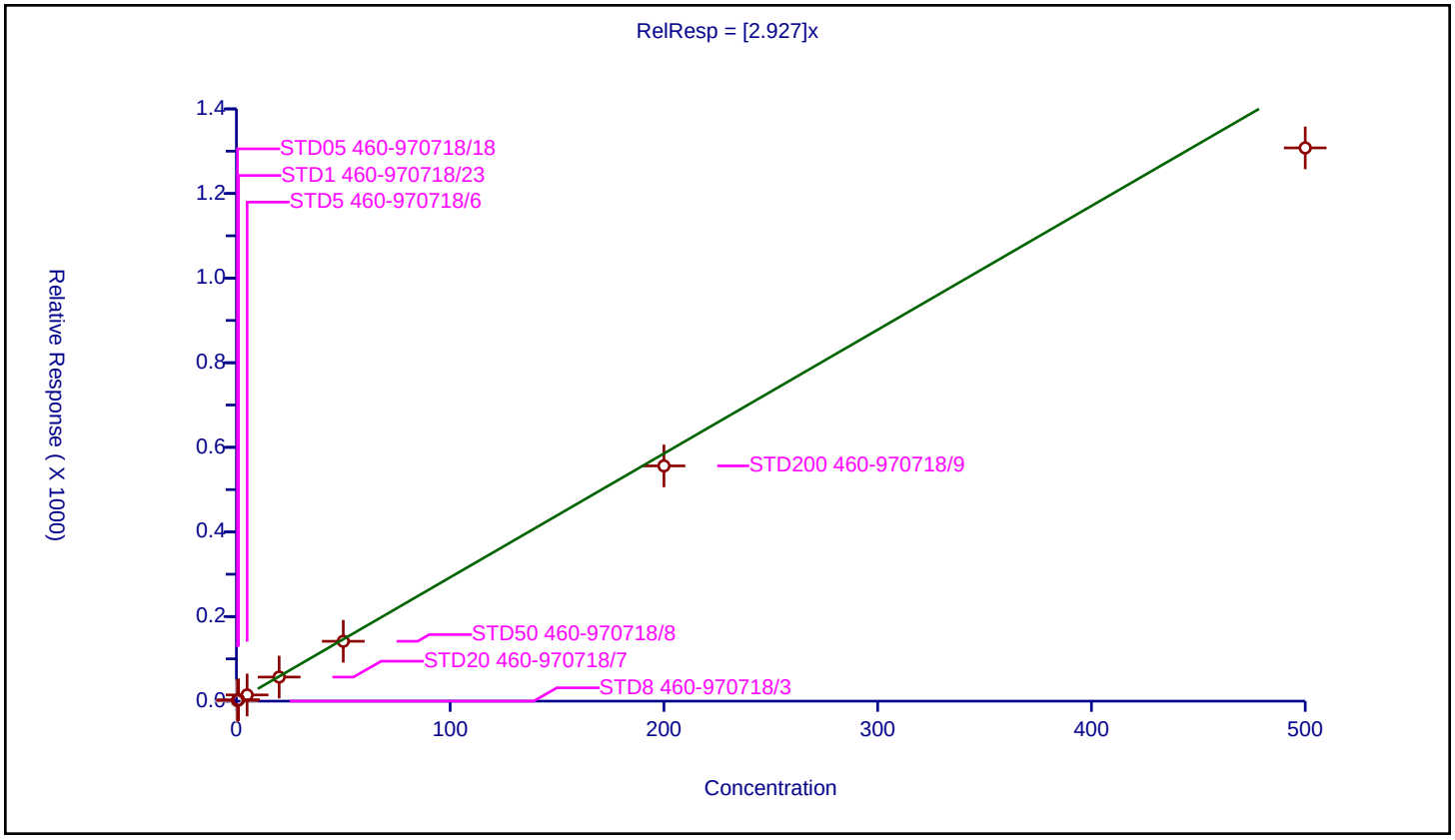
Curve Coefficients

Intercept:	0
Slope:	2.927

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.626101	50.0	220712.0	3.252202	Y
3	STD1 460-970718/23	1.0	3.226034	50.0	227214.0	3.226034	Y
4	STD5 460-970718/6	5.0	14.669583	50.0	164565.0	2.933917	Y
5	STD20 460-970718/7	20.0	56.946138	50.0	204171.0	2.847307	Y
6	STD50 460-970718/8	50.0	141.509667	50.0	190446.0	2.830193	Y
7	STD200 460-970718/9	200.0	556.092639	50.0	178888.0	2.780463	Y
8	STD500 460-970718/10	500.0	1307.775086	50.0	177072.0	2.61555	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

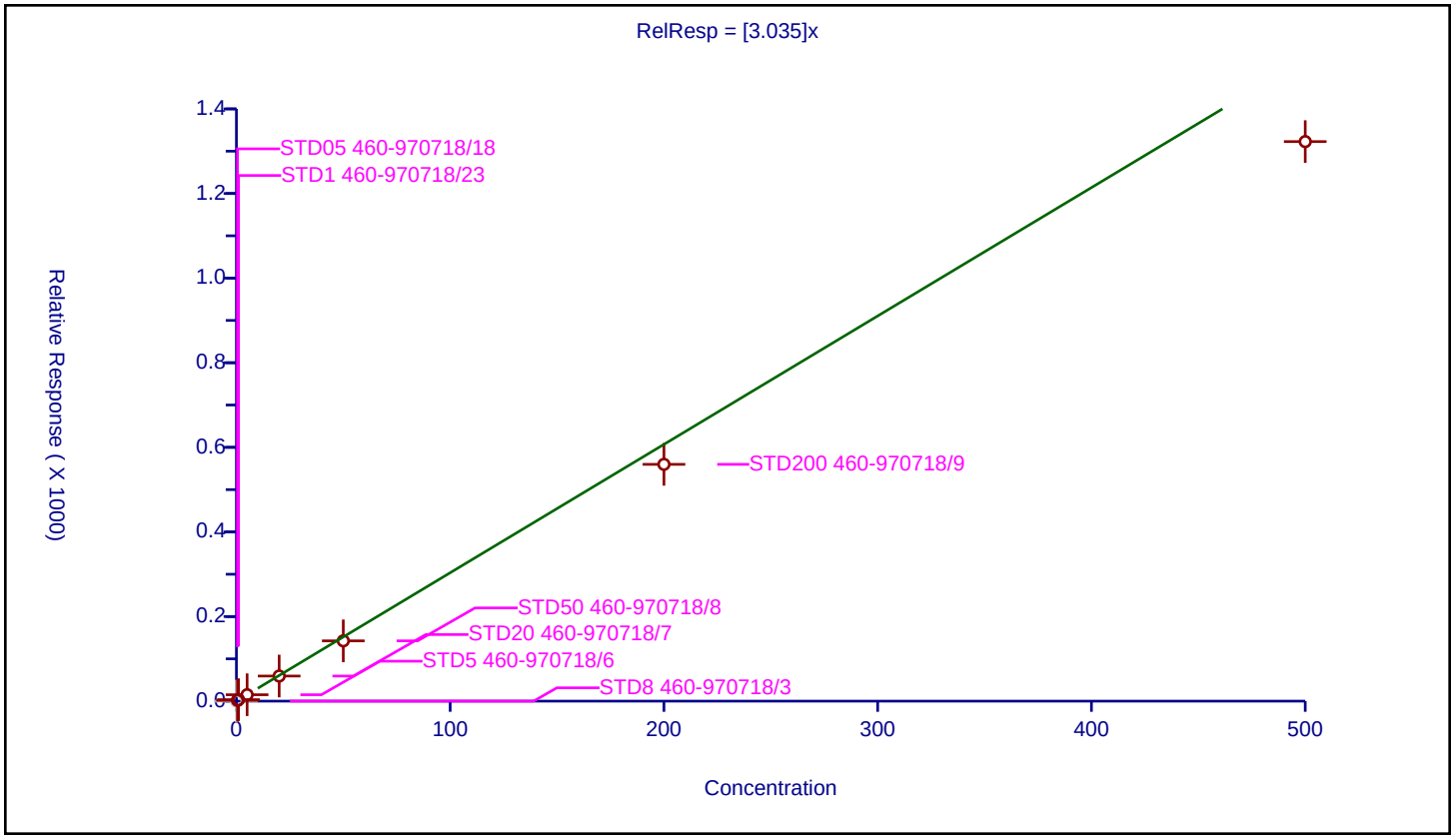
Curve Coefficients

Intercept:	0
Slope:	3.035

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.762931	50.0	220712.0	3.525862	Y
3	STD1 460-970718/23	1.0	3.424745	50.0	227214.0	3.424745	Y
4	STD5 460-970718/6	5.0	15.166348	50.0	164565.0	3.03327	Y
5	STD20 460-970718/7	20.0	59.317435	50.0	204171.0	2.965872	Y
6	STD50 460-970718/8	50.0	142.529641	50.0	190446.0	2.850593	Y
7	STD200 460-970718/9	200.0	559.75303	50.0	178888.0	2.798765	Y
8	STD500 460-970718/10	500.0	1322.654344	50.0	177072.0	2.645309	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

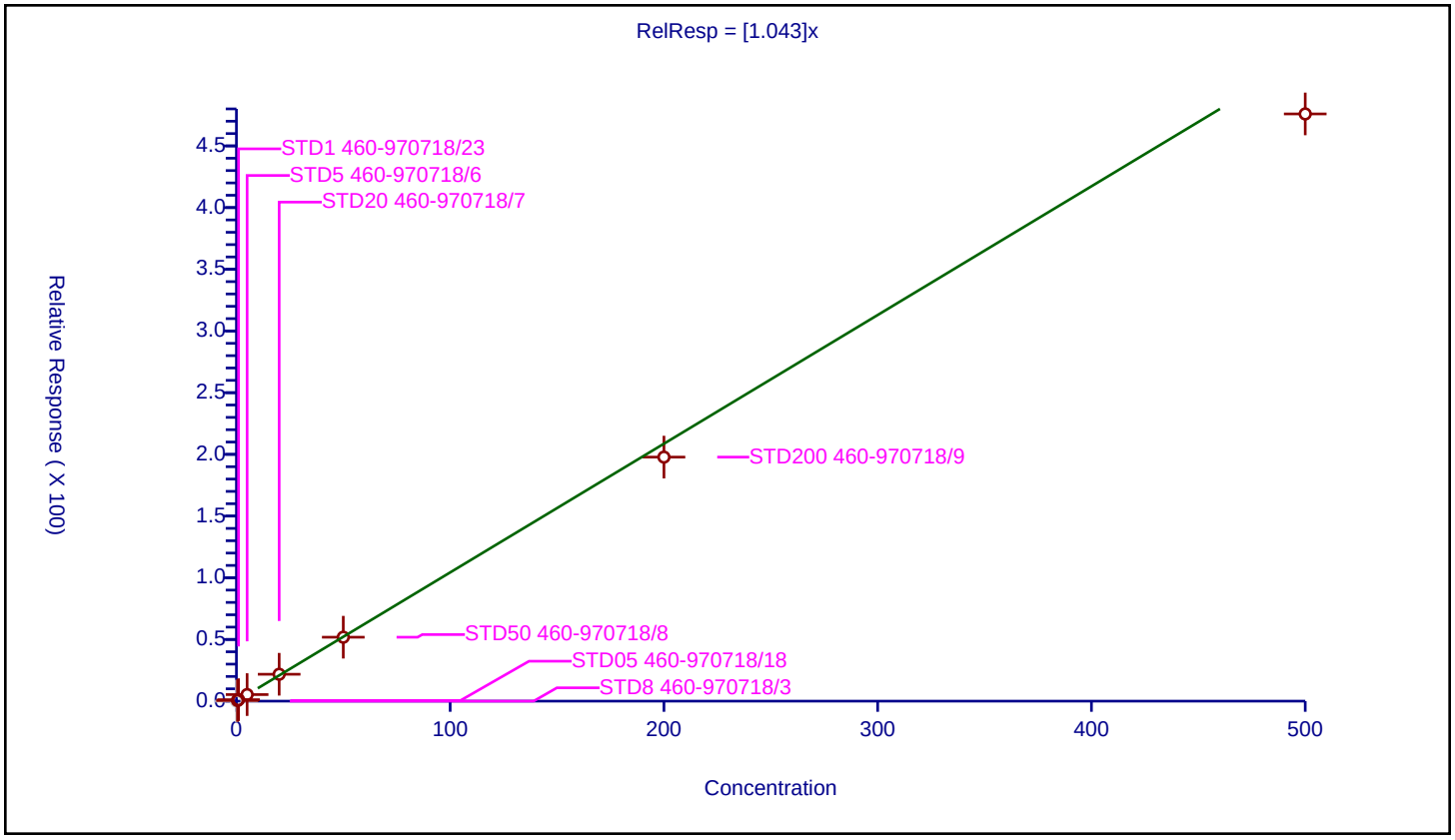
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.496575	50.0	220712.0	0.993149	Y
3	STD1 460-970718/23	1.0	1.176644	50.0	227214.0	1.176644	Y
4	STD5 460-970718/6	5.0	5.328594	50.0	164565.0	1.065719	Y
5	STD20 460-970718/7	20.0	21.79815	50.0	204171.0	1.089907	Y
6	STD50 460-970718/8	50.0	51.807074	50.0	190446.0	1.036141	Y
7	STD200 460-970718/9	200.0	197.777101	50.0	178888.0	0.988886	Y
8	STD500 460-970718/10	500.0	475.919965	50.0	177072.0	0.95184	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

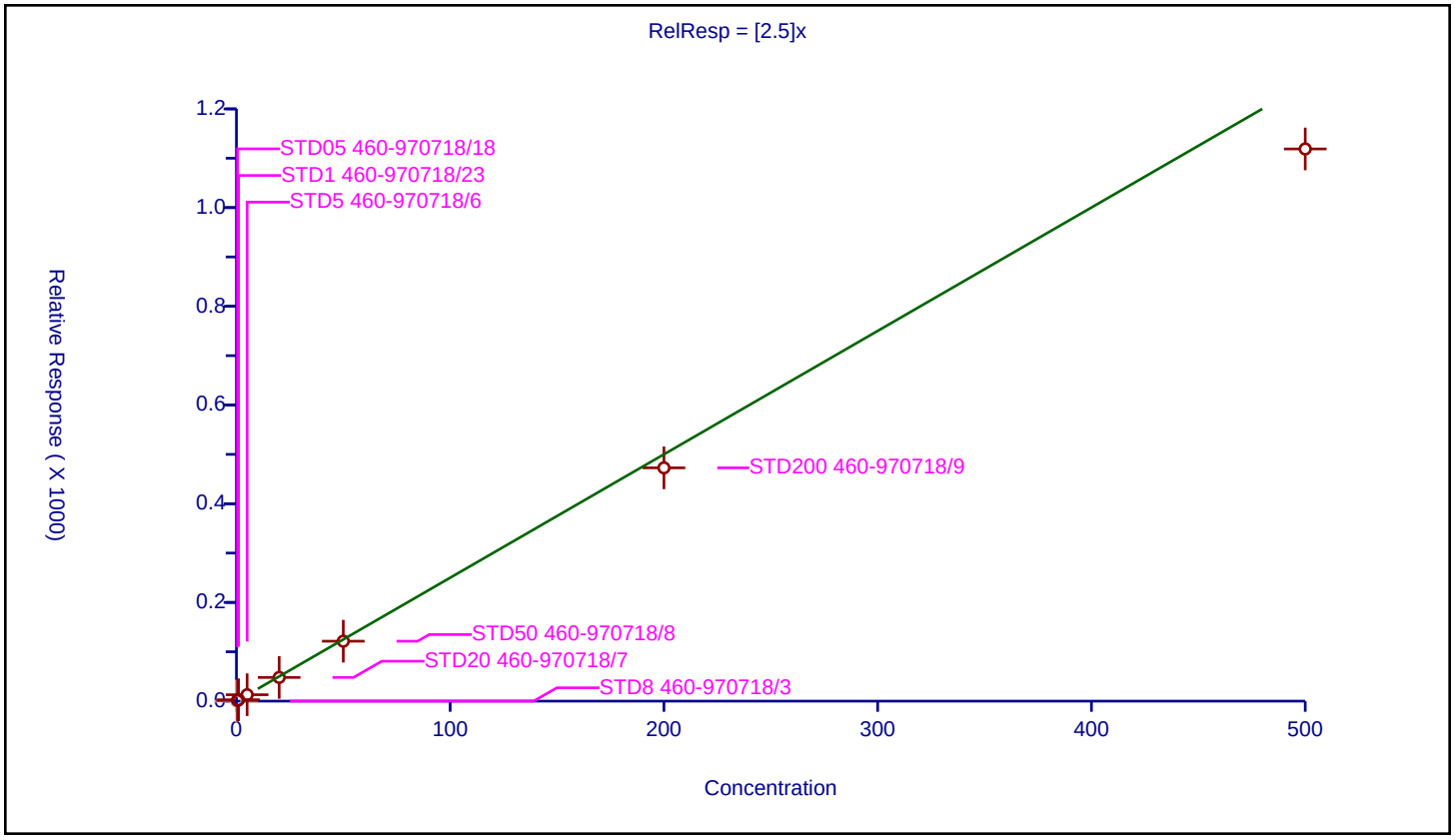
Curve Coefficients

Intercept:	0
Slope:	2.5

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.335677	50.0	220712.0	2.671355	Y
3	STD1 460-970718/23	1.0	2.800004	50.0	227214.0	2.800004	Y
4	STD5 460-970718/6	5.0	13.003676	50.0	164565.0	2.600735	Y
5	STD20 460-970718/7	20.0	48.022246	50.0	204171.0	2.401112	Y
6	STD50 460-970718/8	50.0	121.452275	50.0	190446.0	2.429046	Y
7	STD200 460-970718/9	200.0	472.69297	50.0	178888.0	2.363465	Y
8	STD500 460-970718/10	500.0	1118.81071	50.0	177072.0	2.237621	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

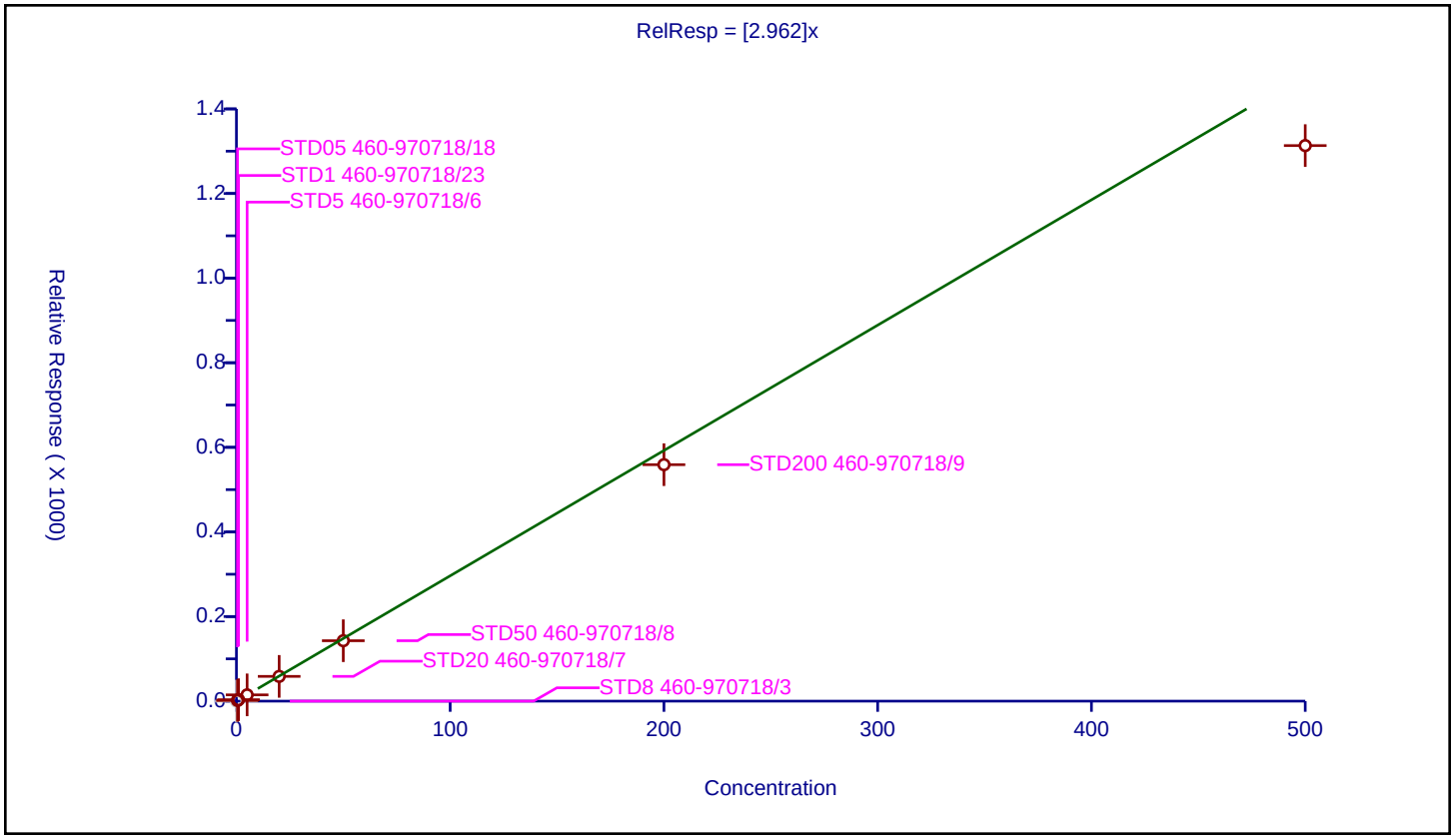
Curve Coefficients

Intercept:	0
Slope:	2.962

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.597104	50.0	220712.0	3.194208	Y
3	STD1 460-970718/23	1.0	3.370831	50.0	227214.0	3.370831	Y
4	STD5 460-970718/6	5.0	14.832133	50.0	164565.0	2.966427	Y
5	STD20 460-970718/7	20.0	58.543329	50.0	204171.0	2.927166	Y
6	STD50 460-970718/8	50.0	142.852042	50.0	190446.0	2.857041	Y
7	STD200 460-970718/9	200.0	559.006473	50.0	178888.0	2.795032	Y
8	STD500 460-970718/10	500.0	1313.262684	50.0	177072.0	2.626525	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

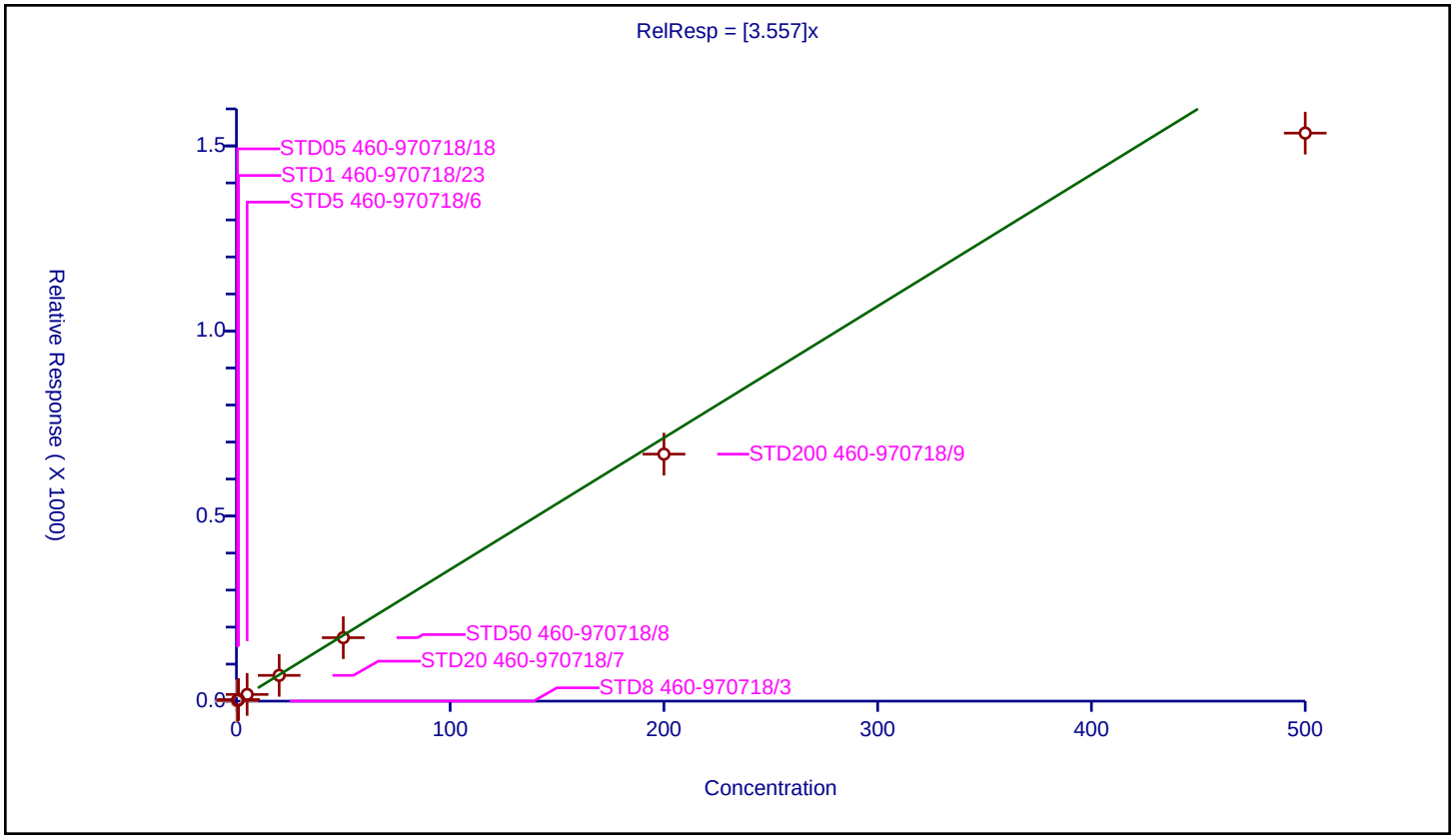
Curve Coefficients

Intercept:	0
Slope:	3.557

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.88413	50.0	220712.0	3.768259	Y
3	STD1 460-970718/23	1.0	4.197365	50.0	227214.0	4.197365	Y
4	STD5 460-970718/6	5.0	18.094066	50.0	164565.0	3.618813	Y
5	STD20 460-970718/7	20.0	69.587258	50.0	204171.0	3.479363	Y
6	STD50 460-970718/8	50.0	171.439936	50.0	190446.0	3.428799	Y
7	STD200 460-970718/9	200.0	667.352757	50.0	178888.0	3.336764	Y
8	STD500 460-970718/10	500.0	1534.616427	50.0	177072.0	3.069233	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

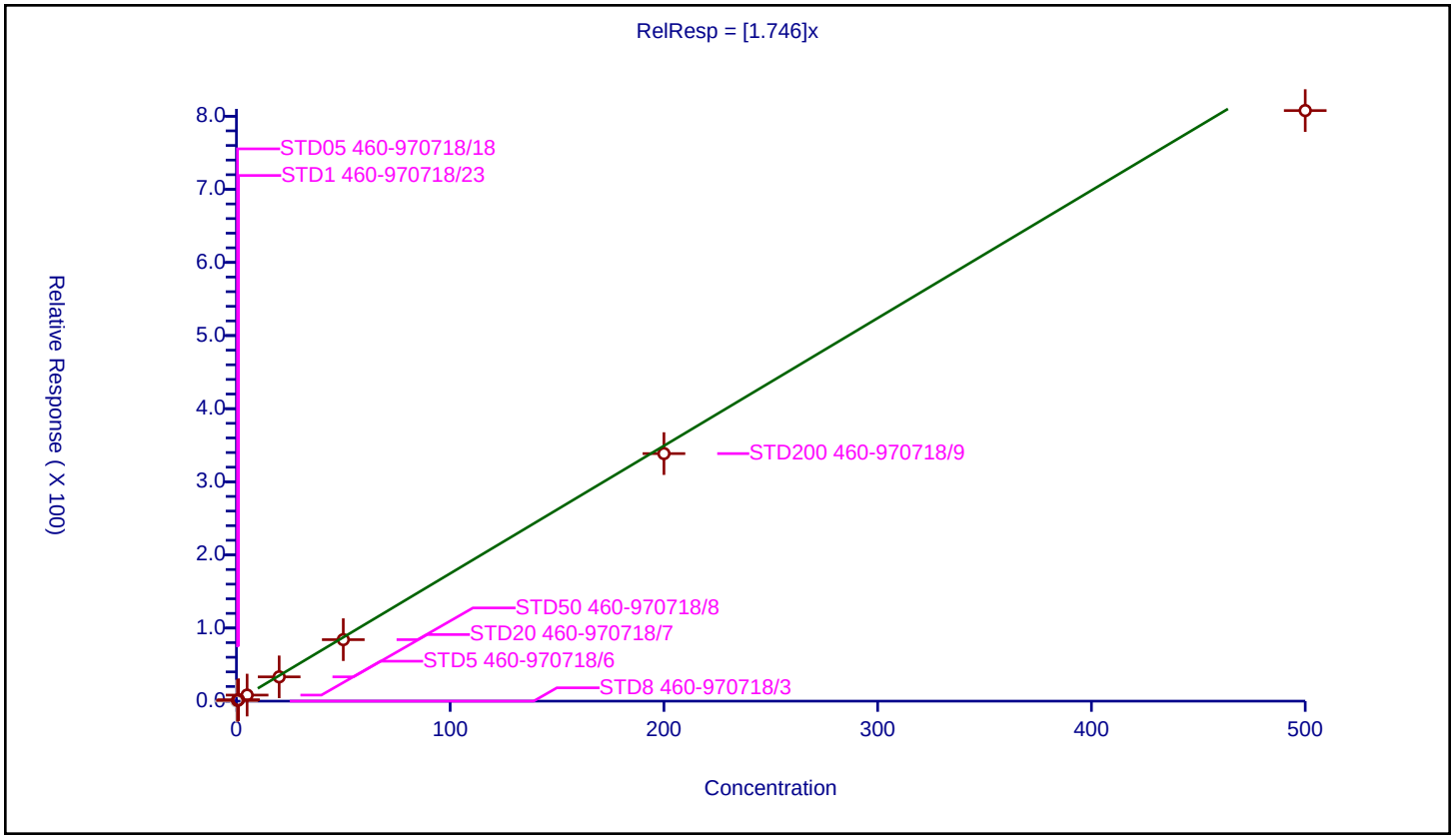
Curve Coefficients

Intercept:	0
Slope:	1.746

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.997001	50.0	220712.0	1.994001	Y
3	STD1 460-970718/23	1.0	1.921096	50.0	227214.0	1.921096	Y
4	STD5 460-970718/6	5.0	8.29338	50.0	164565.0	1.658676	Y
5	STD20 460-970718/7	20.0	33.186643	50.0	204171.0	1.659332	Y
6	STD50 460-970718/8	50.0	84.106518	50.0	190446.0	1.68213	Y
7	STD200 460-970718/9	200.0	338.557645	50.0	178888.0	1.692788	Y
8	STD500 460-970718/10	500.0	807.711835	50.0	177072.0	1.615424	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

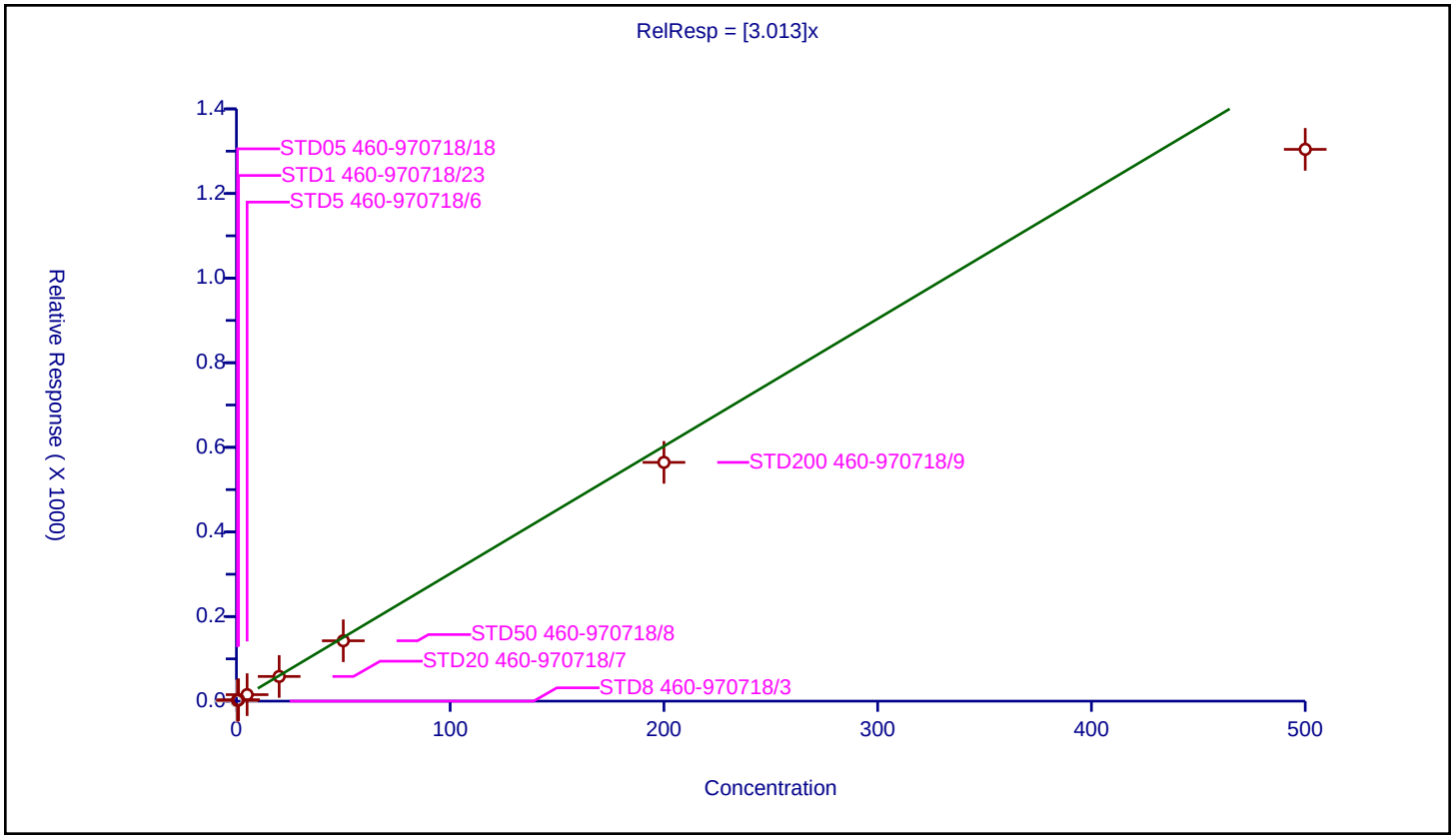
Curve Coefficients

Intercept:	0
Slope:	3.013

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.765196	50.0	220712.0	3.530393	Y
3	STD1 460-970718/23	1.0	3.296672	50.0	227214.0	3.296672	Y
4	STD5 460-970718/6	5.0	15.309148	50.0	164565.0	3.06183	Y
5	STD20 460-970718/7	20.0	58.321946	50.0	204171.0	2.916097	Y
6	STD50 460-970718/8	50.0	142.72681	50.0	190446.0	2.854536	Y
7	STD200 460-970718/9	200.0	564.418519	50.0	178888.0	2.822093	Y
8	STD500 460-970718/10	500.0	1304.338631	50.0	177072.0	2.608677	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

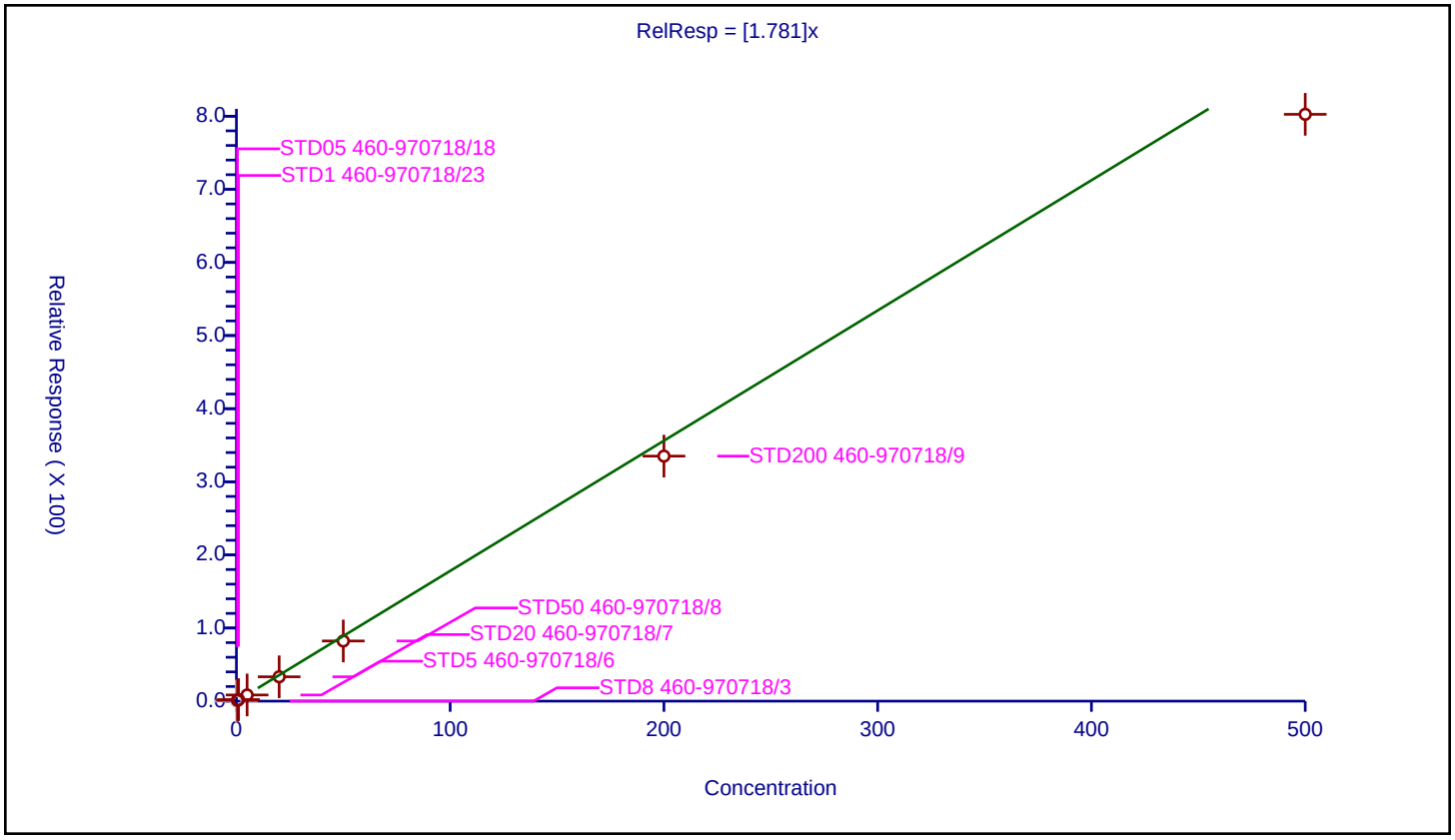
Curve Coefficients

Intercept:	0
Slope:	1.781

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.040496	50.0	220712.0	2.080992	Y
3	STD1 460-970718/23	1.0	2.108805	50.0	227214.0	2.108805	Y
4	STD5 460-970718/6	5.0	8.426154	50.0	164565.0	1.685231	Y
5	STD20 460-970718/7	20.0	33.314477	50.0	204171.0	1.665724	Y
6	STD50 460-970718/8	50.0	82.260588	50.0	190446.0	1.645212	Y
7	STD200 460-970718/9	200.0	335.115547	50.0	178888.0	1.675578	Y
8	STD500 460-970718/10	500.0	802.574941	50.0	177072.0	1.60515	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

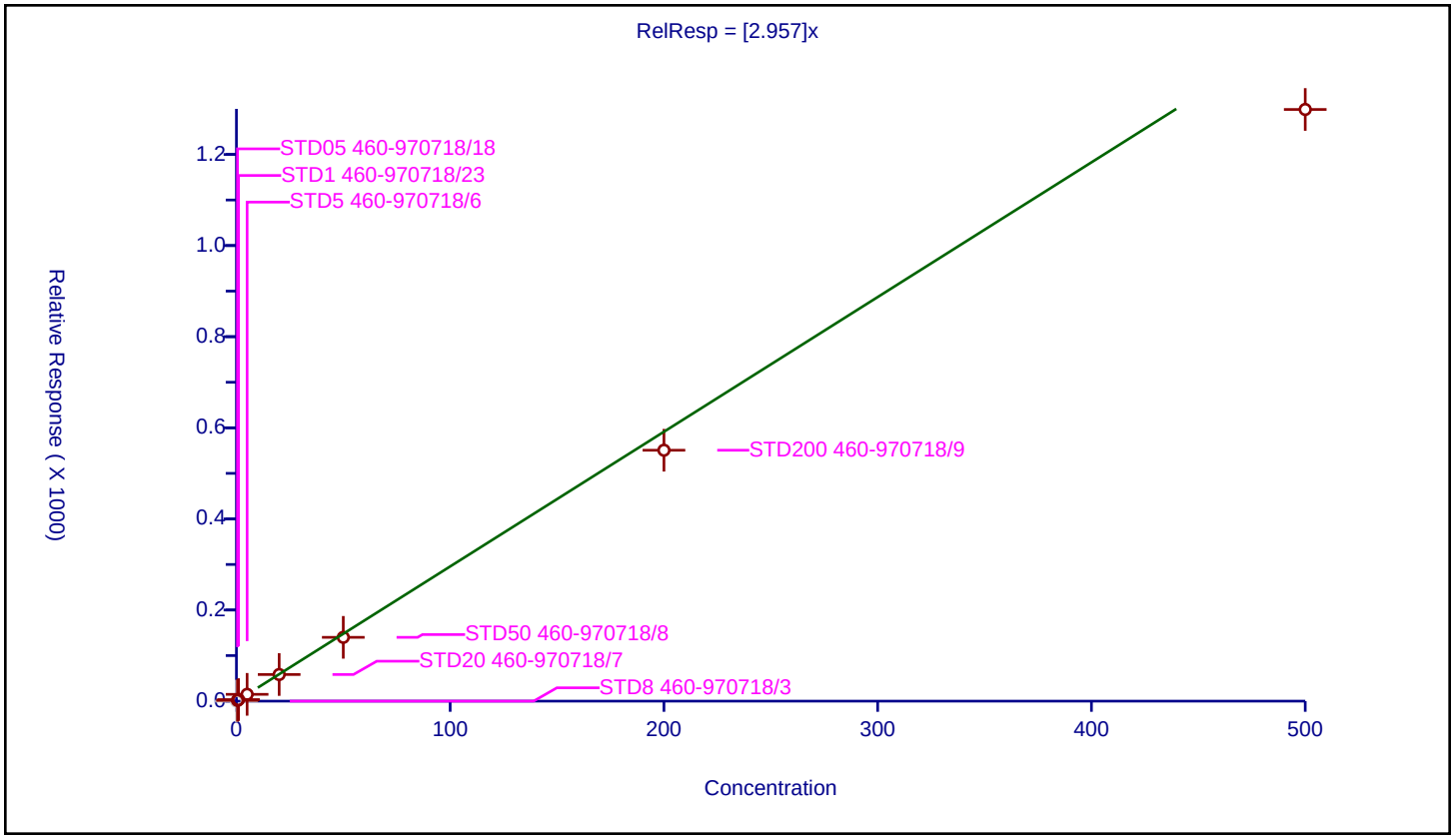
Curve Coefficients

Intercept:	0
Slope:	2.957

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.638787	50.0	220712.0	3.277574	Y
3	STD1 460-970718/23	1.0	3.356747	50.0	227214.0	3.356747	Y
4	STD5 460-970718/6	5.0	14.941816	50.0	164565.0	2.988363	Y
5	STD20 460-970718/7	20.0	58.421372	50.0	204171.0	2.921069	Y
6	STD50 460-970718/8	50.0	140.061487	50.0	190446.0	2.80123	Y
7	STD200 460-970718/9	200.0	550.751029	50.0	178888.0	2.753755	Y
8	STD500 460-970718/10	500.0	1298.727636	50.0	177072.0	2.597455	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

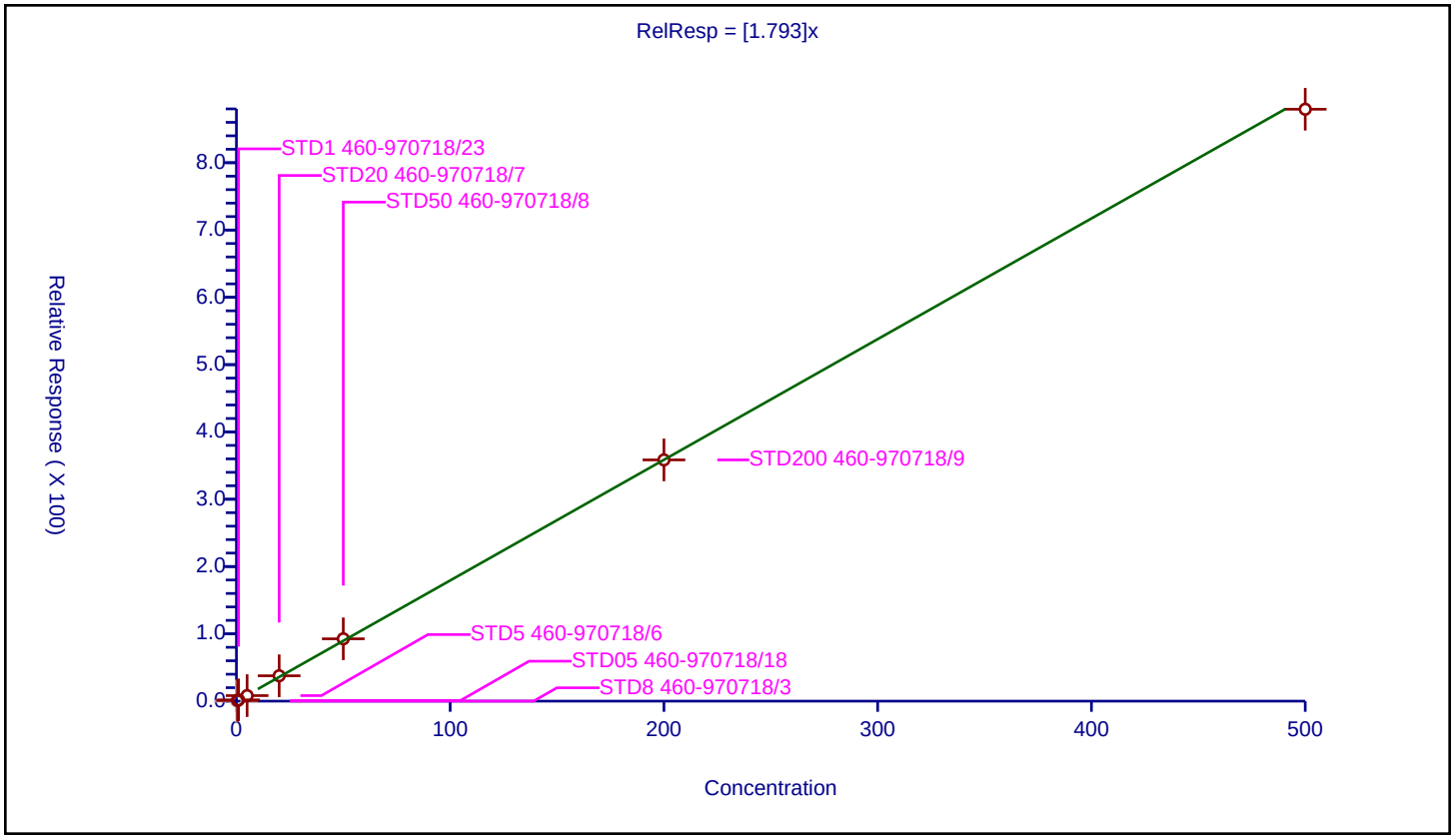
Curve Coefficients

Intercept:	0
Slope:	1.793

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.871045	50.0	220712.0	1.742089	Y
3	STD1 460-970718/23	1.0	1.879946	50.0	227214.0	1.879946	Y
4	STD5 460-970718/6	5.0	8.20223	50.0	164565.0	1.640446	Y
5	STD20 460-970718/7	20.0	37.694384	50.0	204171.0	1.884719	Y
6	STD50 460-970718/8	50.0	92.617592	50.0	190446.0	1.852352	Y
7	STD200 460-970718/9	200.0	358.455849	50.0	178888.0	1.792279	Y
8	STD500 460-970718/10	500.0	879.466545	50.0	177072.0	1.758933	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

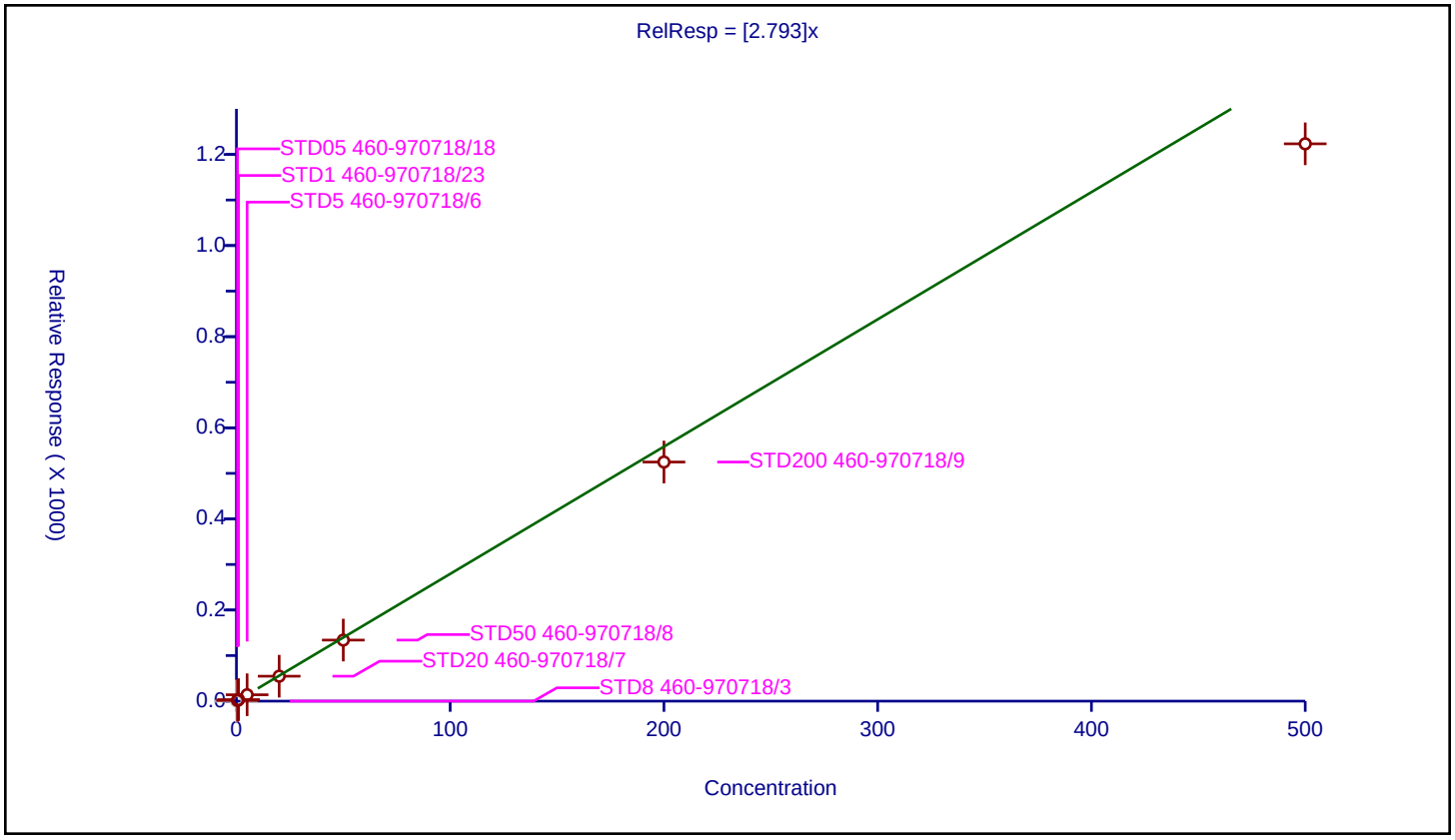
Curve Coefficients

Intercept:	0
Slope:	2.793

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.478624	50.0	220712.0	2.957247	Y
3	STD1 460-970718/23	1.0	3.305034	50.0	227214.0	3.305034	Y
4	STD5 460-970718/6	5.0	14.004193	50.0	164565.0	2.800839	Y
5	STD20 460-970718/7	20.0	54.774674	50.0	204171.0	2.738734	Y
6	STD50 460-970718/8	50.0	134.006753	50.0	190446.0	2.680135	Y
7	STD200 460-970718/9	200.0	524.873943	50.0	178888.0	2.62437	Y
8	STD500 460-970718/10	500.0	1223.369307	50.0	177072.0	2.446739	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

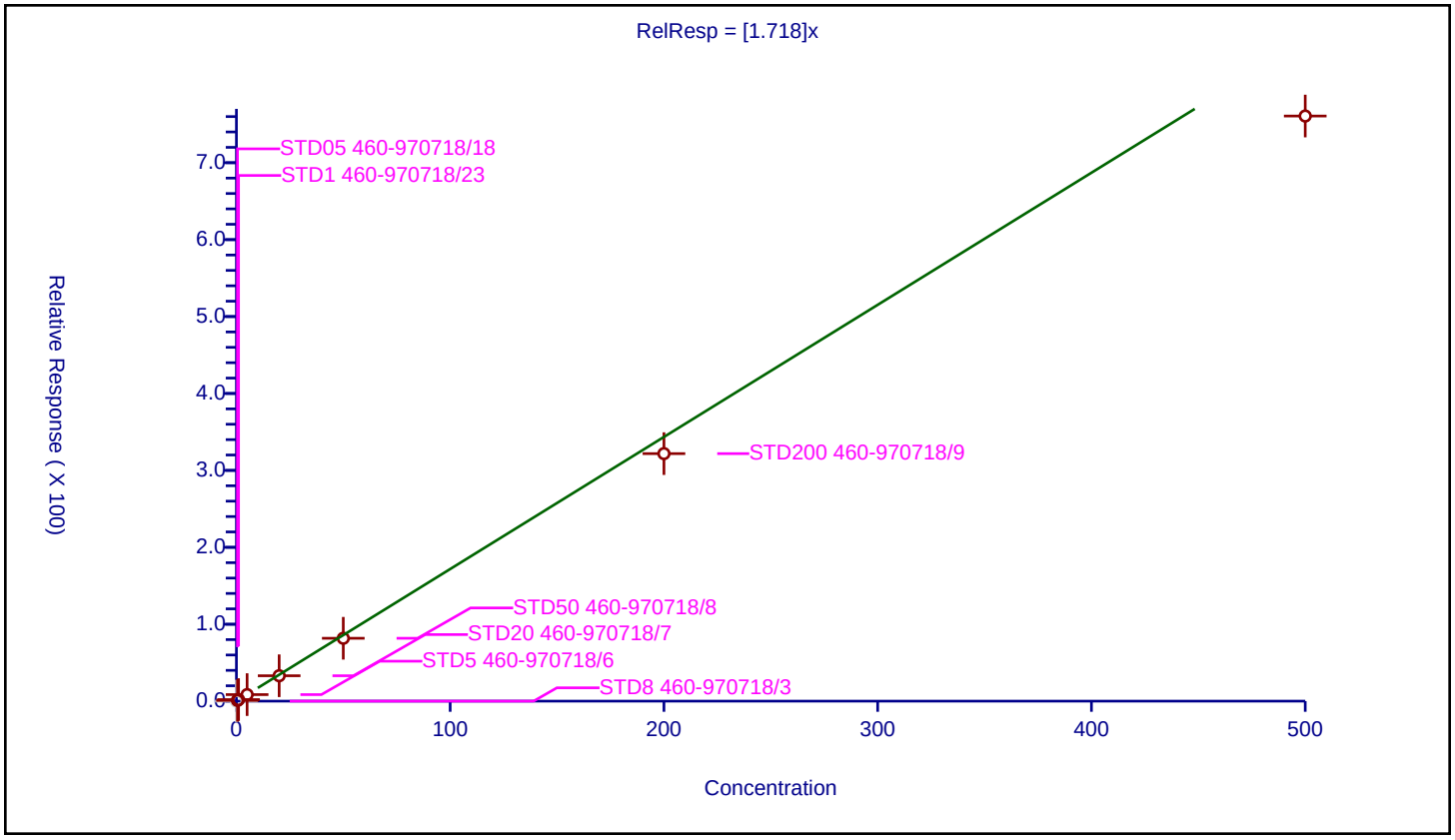
Curve Coefficients

Intercept:	0
Slope:	1.718

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.961887	50.0	220712.0	1.923774	Y
3	STD1 460-970718/23	1.0	1.984253	50.0	227214.0	1.984253	Y
4	STD5 460-970718/6	5.0	8.492693	50.0	164565.0	1.698539	Y
5	STD20 460-970718/7	20.0	33.023054	50.0	204171.0	1.651153	Y
6	STD50 460-970718/8	50.0	81.729992	50.0	190446.0	1.6346	Y
7	STD200 460-970718/9	200.0	321.796319	50.0	178888.0	1.608982	Y
8	STD500 460-970718/10	500.0	760.709768	50.0	177072.0	1.52142	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

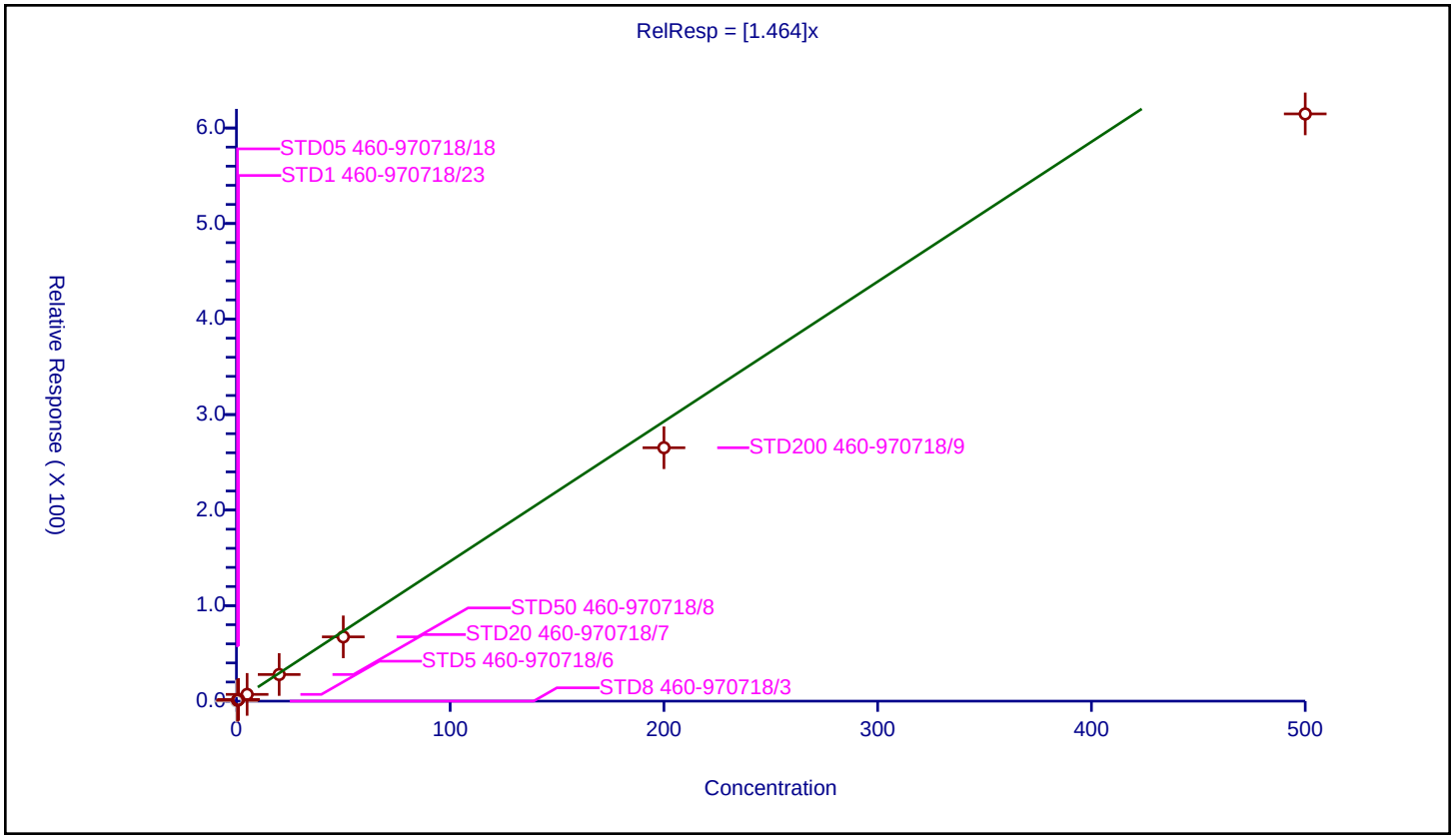
Curve Coefficients

Intercept:	0
Slope:	1.464

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.897323	50.0	220712.0	1.794646	Y
3	STD1 460-970718/23	1.0	1.745051	50.0	227214.0	1.745051	Y
4	STD5 460-970718/6	5.0	7.058305	50.0	164565.0	1.411661	Y
5	STD20 460-970718/7	20.0	27.873939	50.0	204171.0	1.393697	Y
6	STD50 460-970718/8	50.0	67.294666	50.0	190446.0	1.345893	Y
7	STD200 460-970718/9	200.0	265.286101	50.0	178888.0	1.326431	Y
8	STD500 460-970718/10	500.0	614.771957	50.0	177072.0	1.229544	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

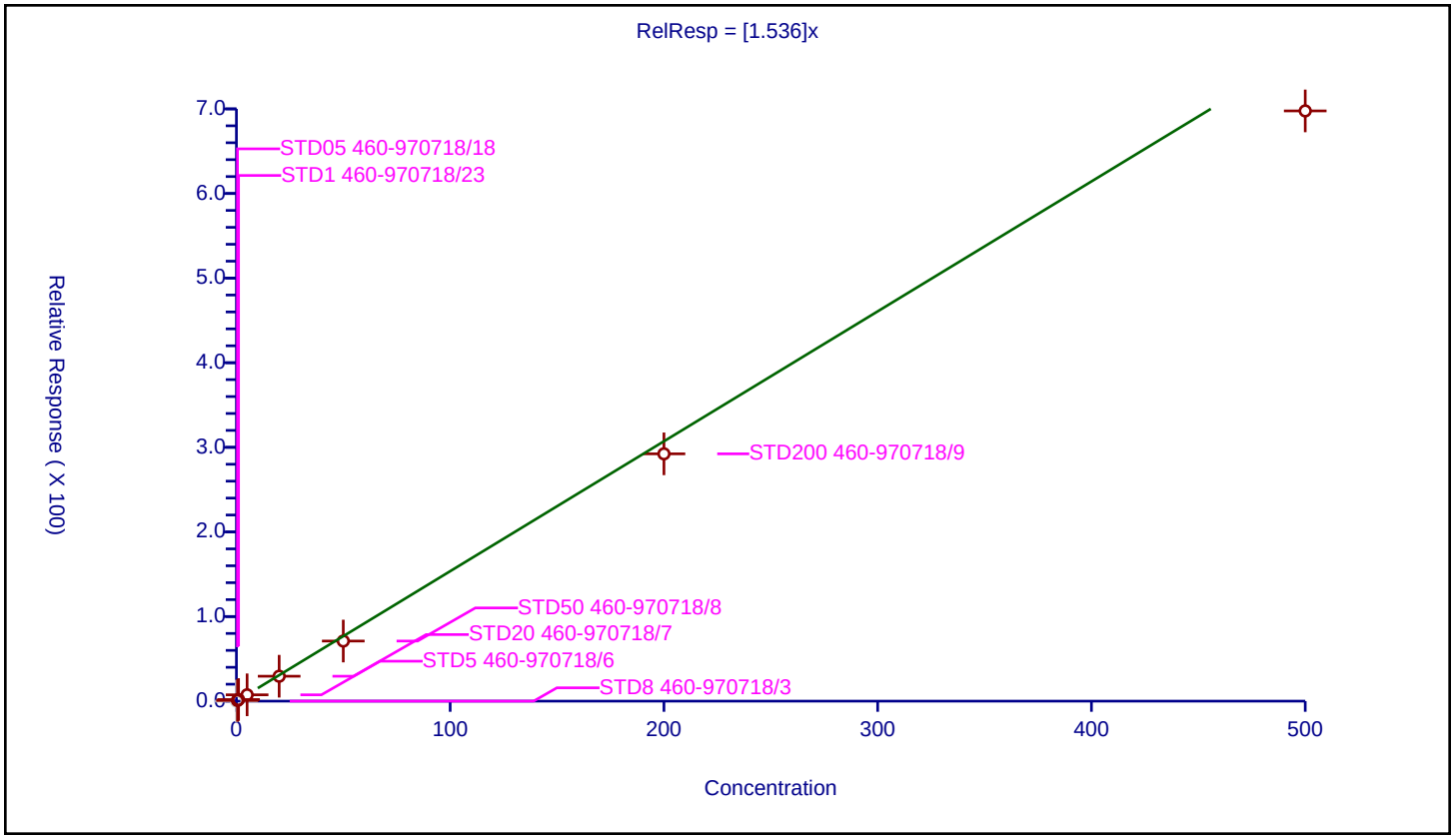
Curve Coefficients

Intercept:	0
Slope:	1.536

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.813957	50.0	220712.0	1.627913	Y
3	STD1 460-970718/23	1.0	1.875545	50.0	227214.0	1.875545	Y
4	STD5 460-970718/6	5.0	7.480935	50.0	164565.0	1.496187	Y
5	STD20 460-970718/7	20.0	29.443457	50.0	204171.0	1.472173	Y
6	STD50 460-970718/8	50.0	71.049536	50.0	190446.0	1.420991	Y
7	STD200 460-970718/9	200.0	292.296018	50.0	178888.0	1.46148	Y
8	STD500 460-970718/10	500.0	697.608318	50.0	177072.0	1.395217	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

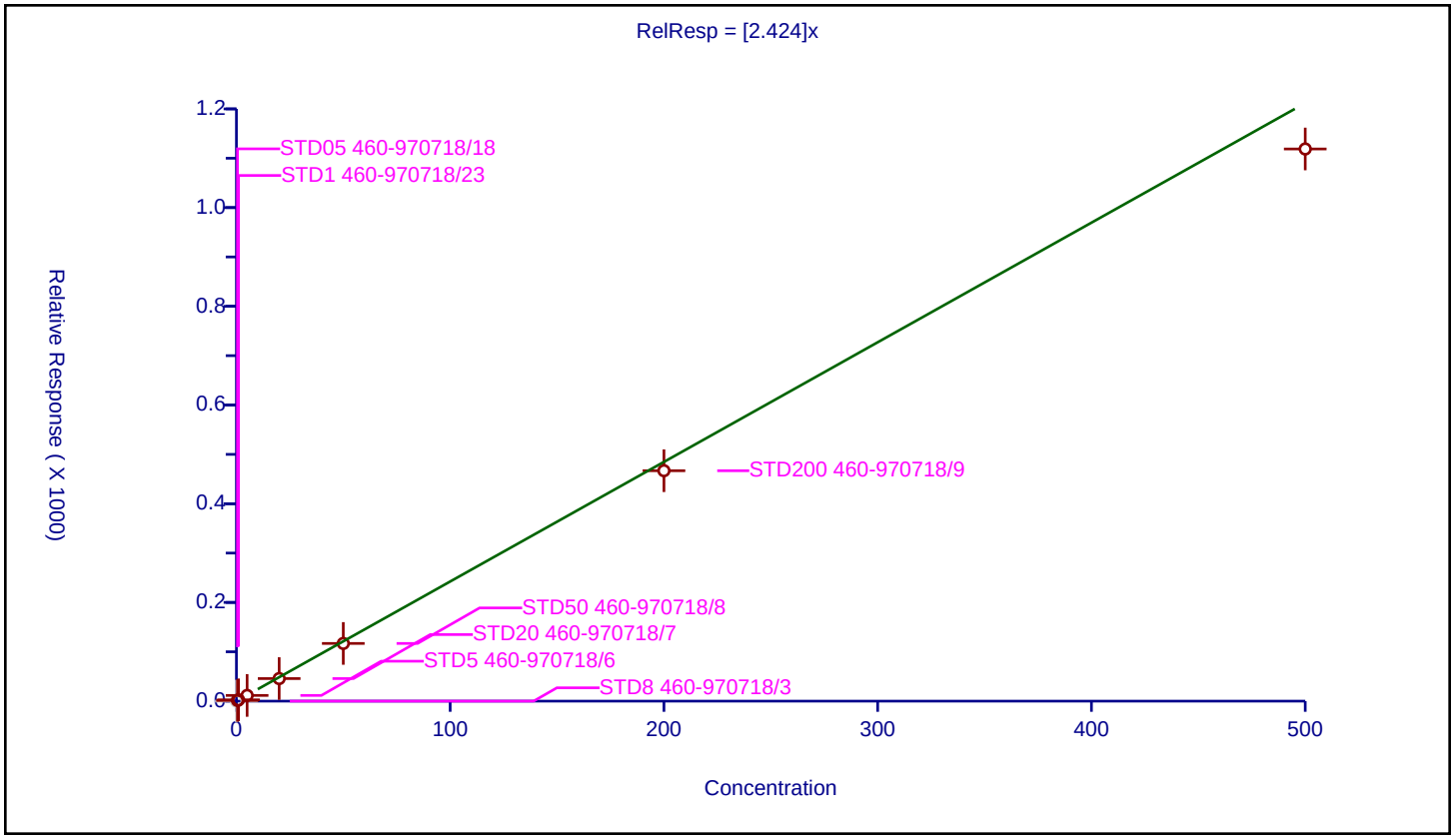
Curve Coefficients

Intercept:	0
Slope:	2.424

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.407717	50.0	220712.0	2.815434	Y
3	STD1 460-970718/23	1.0	2.636281	50.0	227214.0	2.636281	Y
4	STD5 460-970718/6	5.0	11.579011	50.0	164565.0	2.315802	Y
5	STD20 460-970718/7	20.0	45.738131	50.0	204171.0	2.286907	Y
6	STD50 460-970718/8	50.0	116.941548	50.0	190446.0	2.338831	Y
7	STD200 460-970718/9	200.0	466.90555	50.0	178888.0	2.334528	Y
8	STD500 460-970718/10	500.0	1118.75593	50.0	177072.0	2.237512	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

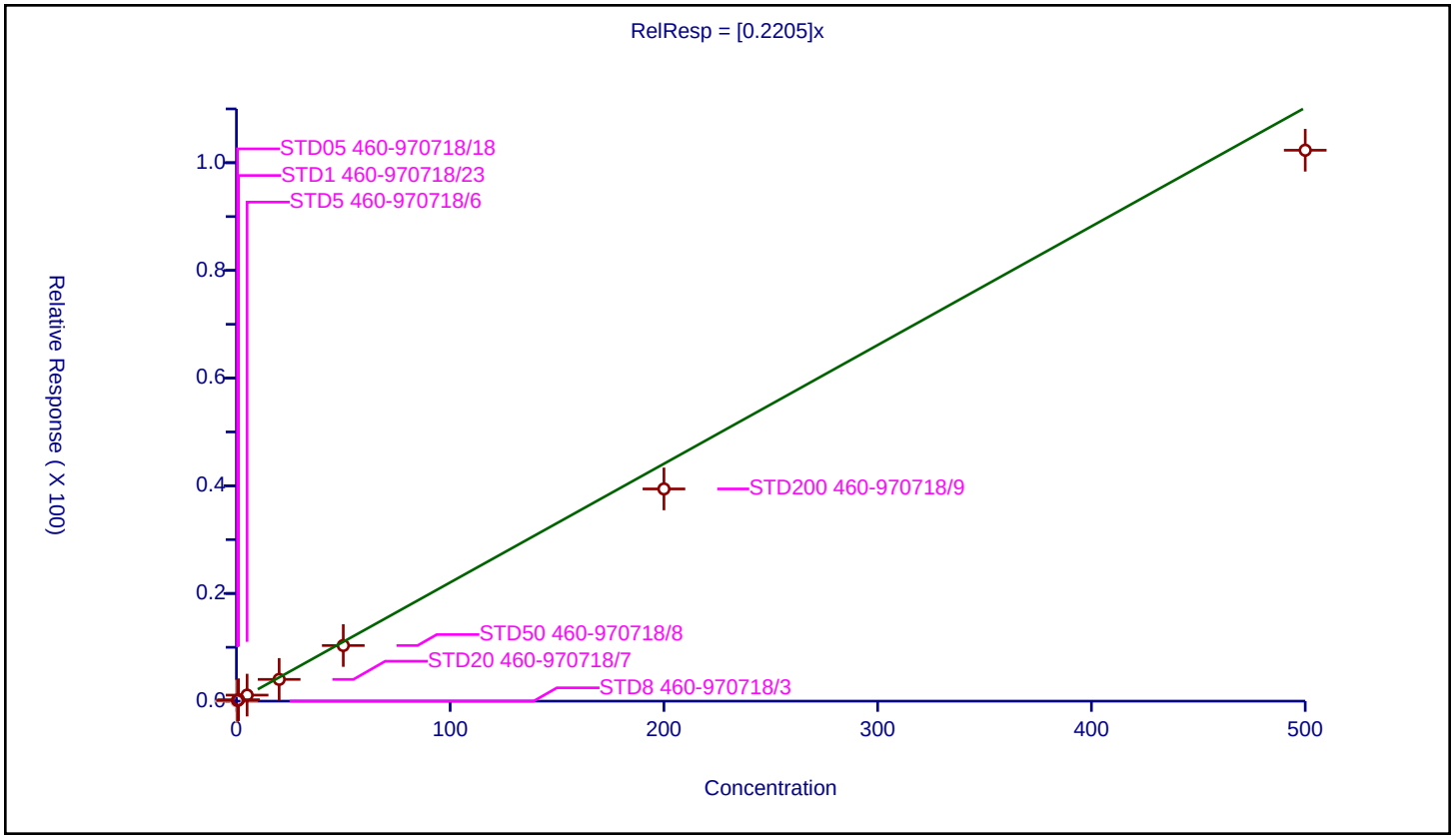
Curve Coefficients

Intercept:	0
Slope:	0.2205

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.124823	50.0	220712.0	0.249647	Y
3	STD1 460-970718/23	1.0	0.259227	50.0	227214.0	0.259227	Y
4	STD5 460-970718/6	5.0	1.120226	50.0	164565.0	0.224045	Y
5	STD20 460-970718/7	20.0	4.038771	50.0	204171.0	0.201939	Y
6	STD50 460-970718/8	50.0	10.33075	50.0	190446.0	0.206615	Y
7	STD200 460-970718/9	200.0	39.414885	50.0	178888.0	0.197074	Y
8	STD500 460-970718/10	500.0	102.322784	50.0	177072.0	0.204646	Y



5/24/2024
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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

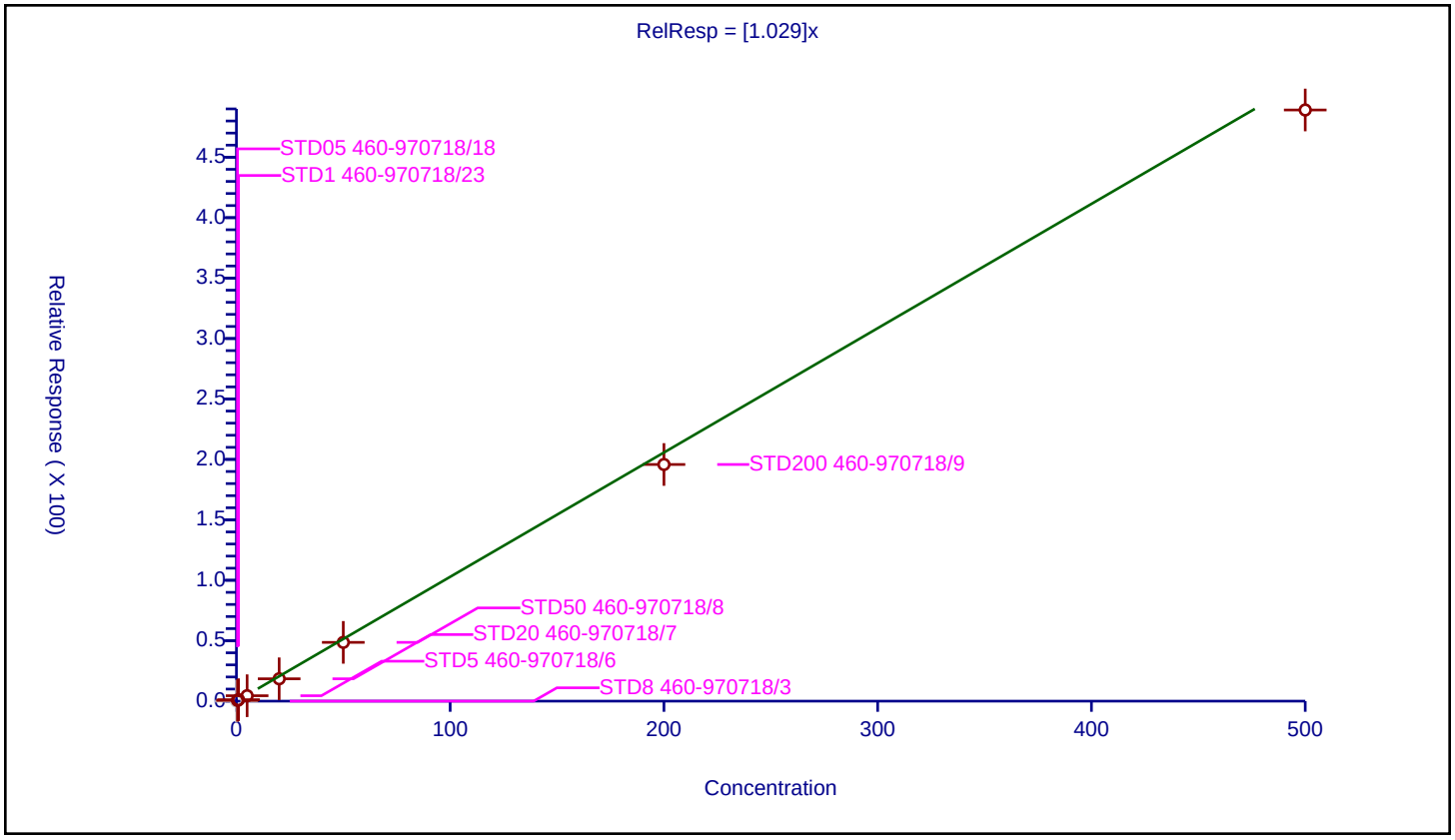
Curve Coefficients

Intercept:	0
Slope:	1.029

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.638388	50.0	220712.0	1.276777	Y
3	STD1 460-970718/23	1.0	1.172243	50.0	227214.0	1.172243	Y
4	STD5 460-970718/6	5.0	4.482423	50.0	164565.0	0.896485	Y
5	STD20 460-970718/7	20.0	18.491118	50.0	204171.0	0.924556	Y
6	STD50 460-970718/8	50.0	48.615618	50.0	190446.0	0.972312	Y
7	STD200 460-970718/9	200.0	195.801563	50.0	178888.0	0.979008	Y
8	STD500 460-970718/10	500.0	489.105844	50.0	177072.0	0.978212	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

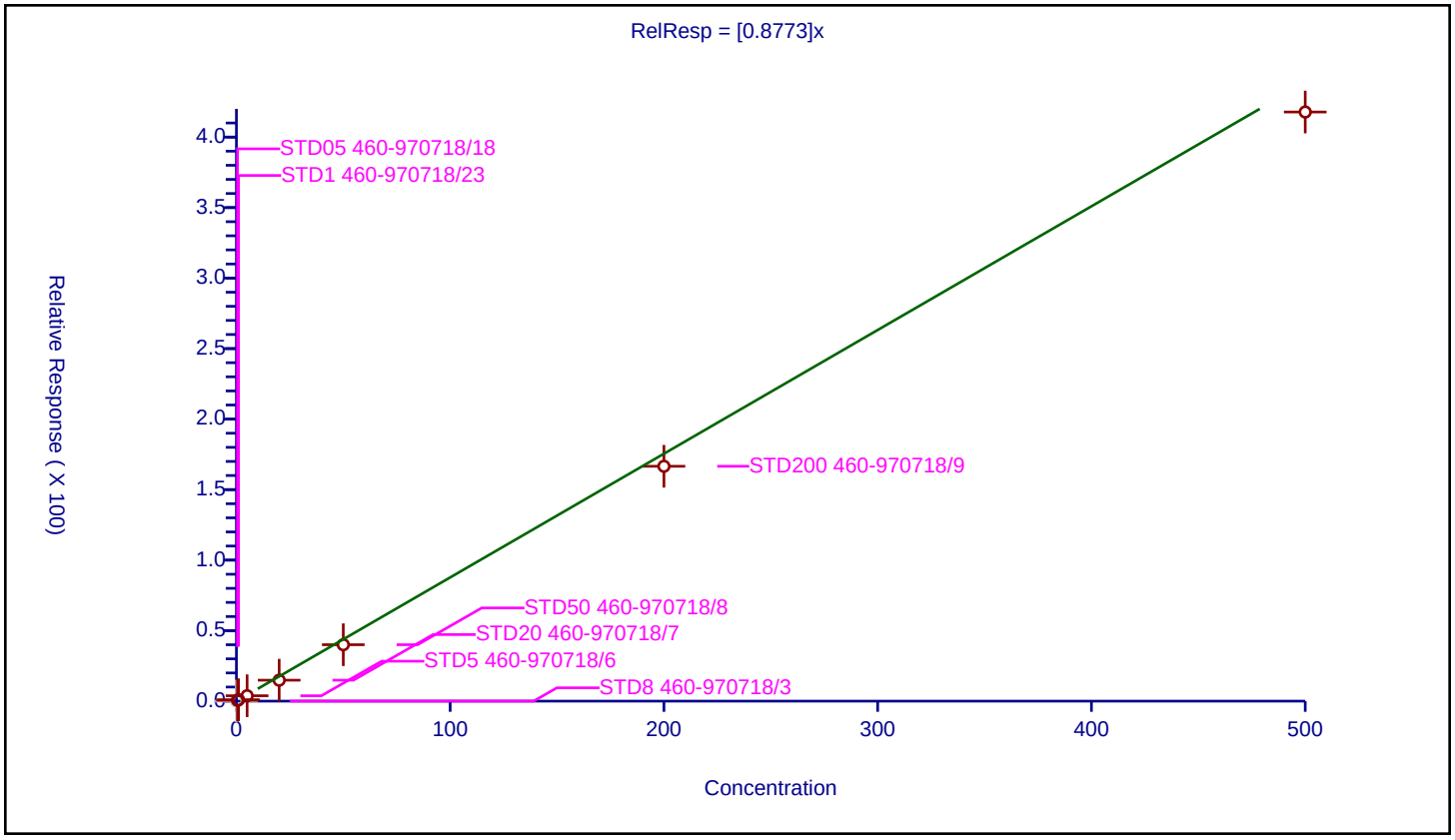
Curve Coefficients

Intercept:	0
Slope:	0.8773

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.591721	50.0	220712.0	1.183443	Y
3	STD1 460-970718/23	1.0	0.981234	50.0	227214.0	0.981234	Y
4	STD5 460-970718/6	5.0	3.824629	50.0	164565.0	0.764926	Y
5	STD20 460-970718/7	20.0	14.857399	50.0	204171.0	0.74287	Y
6	STD50 460-970718/8	50.0	40.020793	50.0	190446.0	0.800416	Y
7	STD200 460-970718/9	200.0	166.562598	50.0	178888.0	0.832813	Y
8	STD500 460-970718/10	500.0	417.788527	50.0	177072.0	0.835577	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

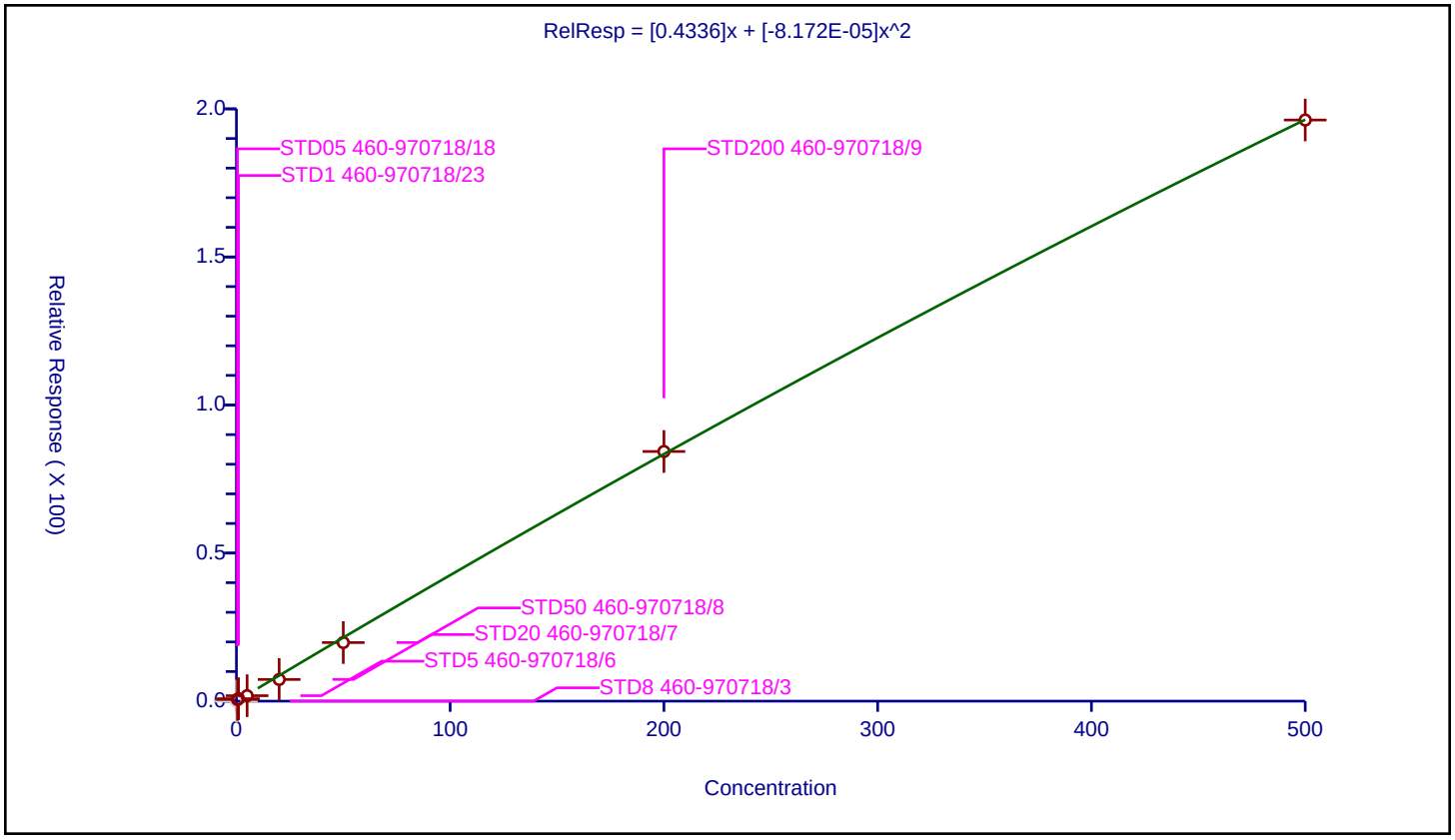
Curve Coefficients

Intercept:	0
Slope:	0.4336
Second Order:	-8.172E-05

Error Coefficients

Relative Standard Deviation:	83.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.568388	50.0	220712.0	1.136776	Y
3	STD1 460-970718/23	1.0	0.827414	50.0	227214.0	0.827414	Y
4	STD5 460-970718/6	5.0	1.835445	50.0	164565.0	0.367089	Y
5	STD20 460-970718/7	20.0	7.313477	50.0	204171.0	0.365674	Y
6	STD50 460-970718/8	50.0	19.779623	50.0	190446.0	0.395592	Y
7	STD200 460-970718/9	200.0	84.304705	50.0	178888.0	0.421524	Y
8	STD500 460-970718/10	500.0	196.244466	50.0	177072.0	0.392489	Y



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Calibration / Naphthalene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

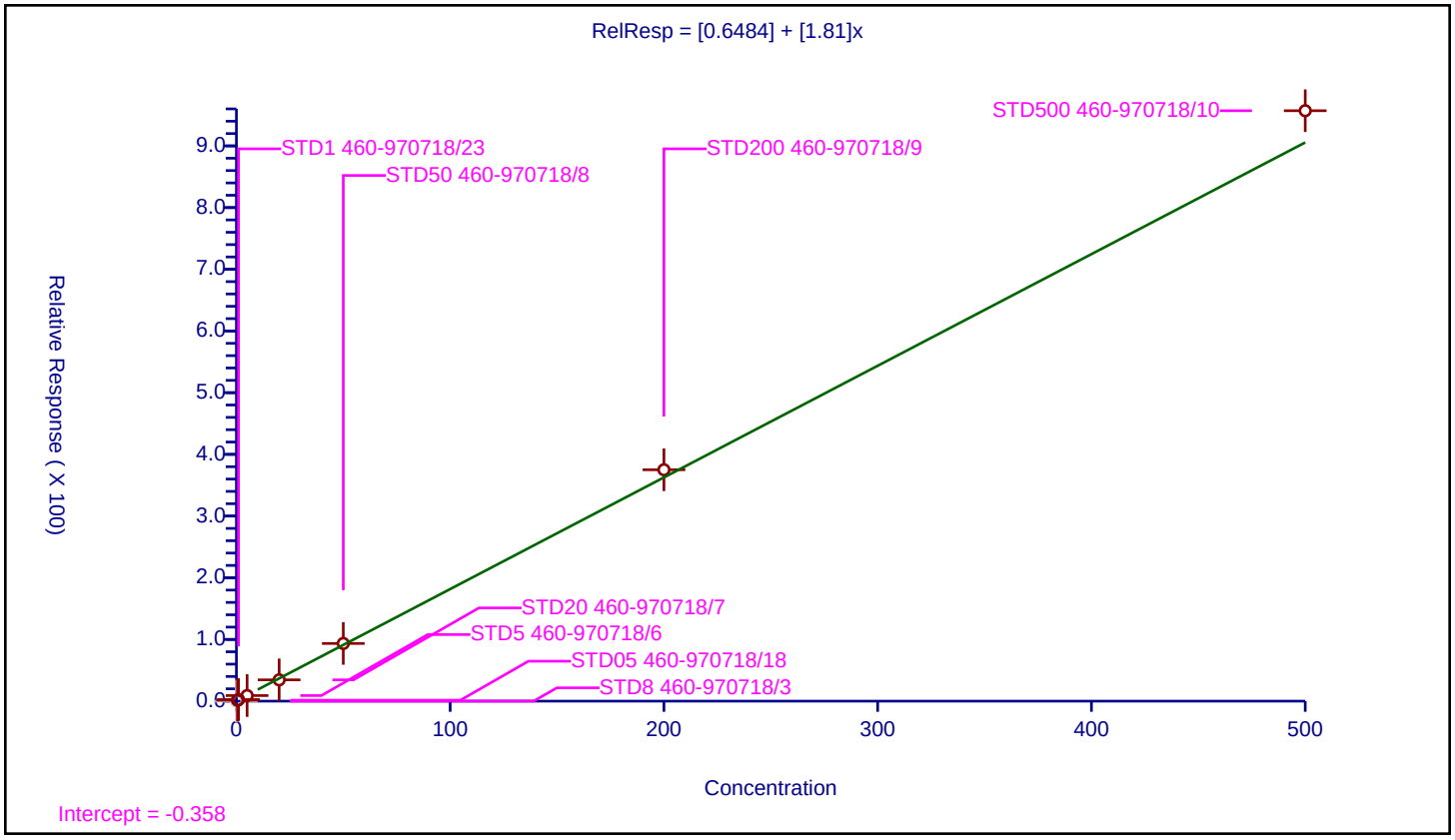
Curve Coefficients

Intercept:	0.6484
Slope:	1.81

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	1.552249	50.0	220712.0	3.104498	Y
3	STD1 460-970718/23	1.0	2.492364	50.0	227214.0	2.492364	Y
4	STD5 460-970718/6	5.0	9.062984	50.0	164565.0	1.812597	Y
5	STD20 460-970718/7	20.0	34.500982	50.0	204171.0	1.725049	Y
6	STD50 460-970718/8	50.0	93.497107	50.0	190446.0	1.869942	Y
7	STD200 460-970718/9	200.0	375.066802	50.0	178888.0	1.875334	Y
8	STD500 460-970718/10	500.0	957.022849	50.0	177072.0	1.914046	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

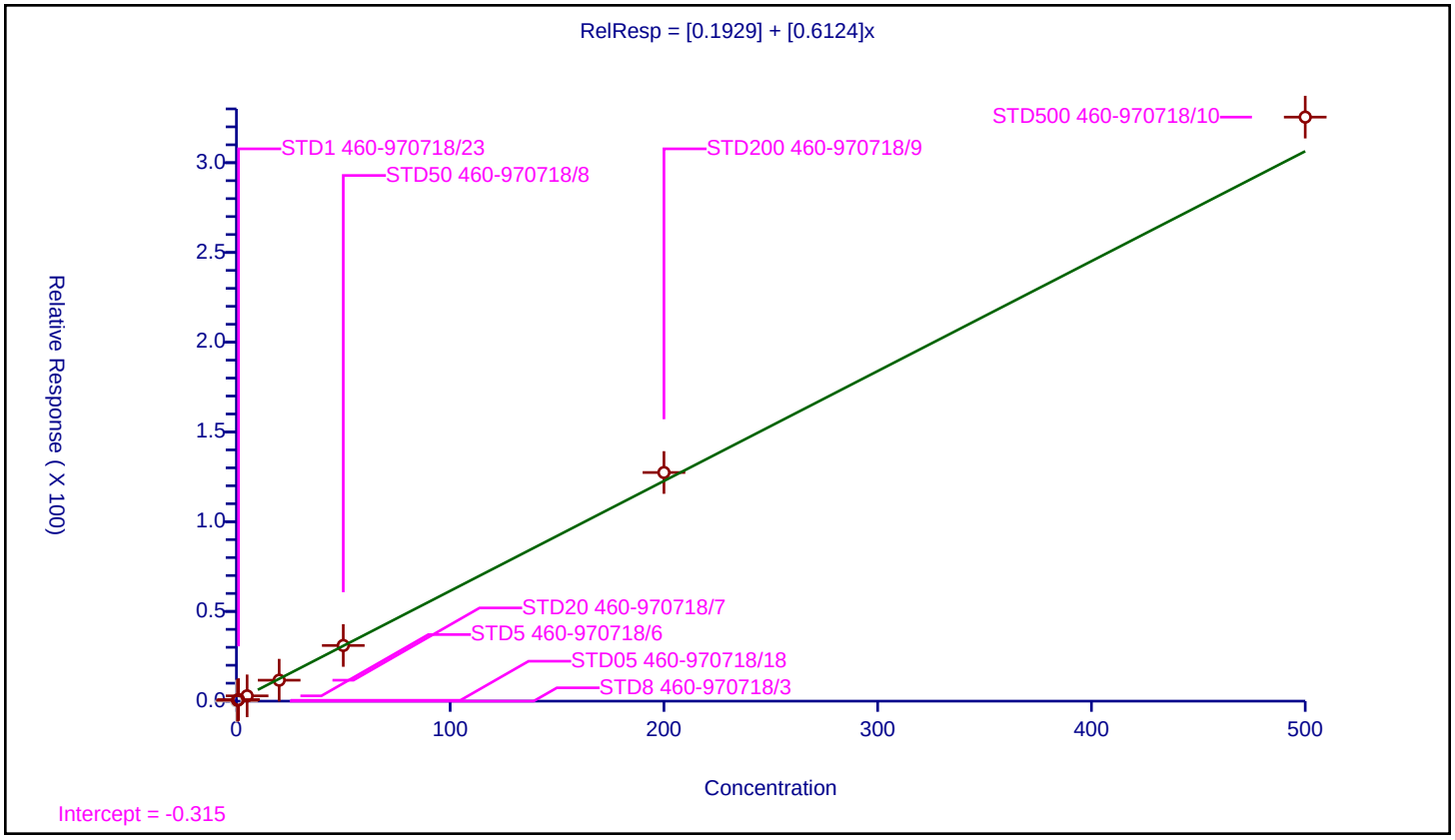
Curve Coefficients

Intercept:	0.1929
Slope:	0.6124

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-970718/3	0.0	0.0	50.0	203162.0	NaN	N
2	STD05 460-970718/18	0.5	0.488872	50.0	220712.0	0.977745	Y
3	STD1 460-970718/23	1.0	0.859982	50.0	227214.0	0.859982	Y
4	STD5 460-970718/6	5.0	2.948379	50.0	164565.0	0.589676	Y
5	STD20 460-970718/7	20.0	11.664977	50.0	204171.0	0.583249	Y
6	STD50 460-970718/8	50.0	31.017191	50.0	190446.0	0.620344	Y
7	STD200 460-970718/9	200.0	127.402341	50.0	178888.0	0.637012	Y
8	STD500 460-970718/10	500.0	325.419886	50.0	177072.0	0.65084	Y



5/24/2024
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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1316	+++++ 0.1034	0.1410 0.1215	0.1124	0.0950	Ave		0.1175				14.8		20.0			
Dichlorodifluoromethane	+++++ 0.4201	+++++ 0.3523	0.3117 0.4044	0.3357	0.3536	Ave		0.3630			0.1000	11.4		20.0			
Chlorodifluoromethane	+++++ 0.0635	+++++ 0.0531	0.0457 0.0595	0.0634	0.0559	Ave		0.0569				12.0		20.0			
Chloromethane	+++++ 0.3725	+++++ 0.3148	0.3224 0.3255	0.3750	0.3957	Ave		0.3510			0.1000	9.7		20.0			
Butadiene	0.4081 0.3215	0.3151 0.2470	0.2620 0.2605	0.2973	0.3219	Ave		0.3042				16.9		20.0			
Vinyl chloride	+++++ 0.3581	+++++ 0.2942	0.2780 0.2996	0.3478	0.3720	Ave		0.3249			0.1000	12.0		20.0			
Bromomethane	+++++ 0.2179	+++++ 0.1856	0.2022 0.1673	0.2182	0.2463	Ave		0.2063			0.1000	13.4		20.0			
Chloroethane	+++++ 0.1936	+++++ 0.1624	0.1577 0.1565	0.2123	0.2061	Ave		0.1814			0.1000	14.1		20.0			
Dichlorofluoromethane	+++++ 0.6488	+++++ 0.5985	0.5334 0.5812	0.5675	0.6228	Ave		0.5920				6.9		20.0			
Trichlorofluoromethane	+++++ 0.4442	+++++ 0.3783	0.3882 0.4021	0.3639	0.3838	Ave		0.3934			0.1000	7.1		20.0			
Pentane	+++++ 0.0592	+++++ 0.0390	0.0659 0.0445	0.0574	0.0577	Ave		0.0540				18.7		20.0			
Ethanol	+++++ 0.3608	+++++ 0.3220	+++++ 0.3321	0.4332	0.3737	Ave		0.3644				12.0		20.0			
Ethyl ether	+++++ 0.1476	+++++ 0.1312	0.1882 0.1344	0.1445	0.1547	Ave		0.1501				13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2892	+++++ 0.2200	0.3101 0.2330	0.2984	0.2917	Ave		0.2737				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3016	+++++ 0.2622	0.2890 0.2816	0.2719	0.2565	Ave		0.2771				6.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4776	+++++ 0.4100	0.4024 0.4344	0.4441	0.4140	Ave		0.4304				6.5		20.0			
Acrolein	+++++ 0.0292	+++++ 0.0294	0.0388 0.0288	0.0350	0.0332	Ave		0.0324				12.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3029	+++++ 0.2376	0.3035 0.2702	0.2806	0.2832	Ave		0.2797			0.1000	8.7		20.0			
1,1-Dichloroethene	+++++ 0.3075	+++++ 0.2592	0.2469 0.2759	0.2955	0.2986	Ave		0.2806			0.1000	8.6		20.0			
Acetone	+++++ 0.7169	+++++ 1.0371	0.8407 0.9694	0.7891	0.7120	Ave		0.8442			0.0500	15.9		20.0			
Iodomethane	+++++ 0.5736	+++++ 0.4956	0.4873 0.5103	0.4873	0.5552	Ave		0.5182				7.2		20.0			
Isopropyl alcohol	+++++ 3.8300	+++++ 3.3036	4.8773 3.3781	4.0606	4.1515	Ave		3.9335				14.7		20.0			
Carbon disulfide	+++++ 1.1693	+++++ 0.9165	1.1112 0.9360	1.1283	1.1954	Ave		1.0761			0.1000	11.1		20.0			
3-Chloro-1-propene	+++++ 0.2084	+++++ 0.1698	0.2037 0.1831	0.1712	0.2091	Ave		0.1909				9.6		20.0			
Methyl acetate	+++++ 0.1137	+++++ 0.0936	0.1374 0.1000	0.1192	0.1256	Ave		0.1149			0.1000	14.1		20.0			
Cyclopentene	+++++ 0.6933	+++++ 0.5206	0.7122 0.5508	0.6508	0.7054	Ave		0.6389				13.0		20.0			
Acetonitrile	+++++ 0.3738	+++++ 0.3093	0.2712 0.3437	0.3426	0.4151	Ave		0.3426				14.6		20.0			
Methylene Chloride	+++++ 0.3368	+++++ 0.2908	0.3098 0.2976	0.3126	0.3359	Ave		0.3139			0.1000	6.1		20.0			
2-Methyl-2-propanol	+++++ 6.5723	5.5556 5.8847	6.8717 5.9773	6.6597	6.9595	Ave		6.3544				8.6		20.0			
Methyl tert-butyl ether	+++++ 0.6972	+++++ 0.6286	0.6230 0.6444	0.6874	0.7004	Ave		0.6635			0.1000	5.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3335	+++++ 0.2859	0.3220 0.2969	0.3142	0.3331	Ave		0.3143			0.1000	6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0774 0.0599	0.0647 0.0508	0.0568 0.0539	0.0584	0.0635	Ave		0.0607				13.5		20.0			
Hexane	+++++ 0.4283	+++++ 0.3139	0.4476 0.3483	0.4156	0.4167	Ave		0.3951				13.2		20.0			
Isopropyl ether	+++++ 0.9648	+++++ 0.8340	1.0161 0.8189	0.9956	1.0514	Ave		0.9468				10.3		20.0			
1,1-Dichloroethane	+++++ 0.5616	+++++ 0.4854	0.4883 0.4855	0.5472	0.5965	Ave		0.5274			0.2000	9.0		20.0			
Vinyl acetate	+++++ 0.7191	+++++ 0.6447	0.7209 0.6346	0.7168	0.7444	Ave		0.6968				6.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2762	+++++ 0.2378	0.2902 0.2494	0.2602	0.2709	Ave		0.2641				7.2		20.0			
Tert-butyl ethyl ether	+++++ 0.8687	+++++ 0.7796	0.7731 0.7870	0.8290	0.9002	Ave		0.8229				6.4		20.0			
2,2-Dichloropropane	+++++ 0.1123	+++++ 0.0994	0.1231 0.1023	0.1167	0.1137	Ave		0.1113				8.0		20.0			
cis-1,2-Dichloroethene	+++++ 0.3426	+++++ 0.3032	0.3423 0.3097	0.3342	0.3367	Ave		0.3281			0.1000	5.2		20.0			
Methyl Ethyl Ketone	+++++ 0.2986	+++++ 0.3277	0.3581 0.3105	0.3023	0.2930	Ave		0.3150			0.0500	7.7		20.0			
Ethyl acetate	+++++ 0.3282	+++++ 0.3174	0.4202 0.3025	0.3910	0.3320	Ave		0.3486				13.3		20.0			
Methyl acrylate	+++++ 0.1466	+++++ 0.1289	0.1096 0.1360	0.1664	0.1555	Ave		0.1405				14.4		20.0			
Propionitrile	+++++ 8.6326	+++++ 7.9796	10.611 7.7516	8.7757	9.1722	Ave		8.8204				11.6		20.0			
Tetrahydrofuran	+++++ 0.3390	+++++ 0.3043	0.4518 0.2943	0.3918	0.3243	Ave		0.3509				17.1		20.0			
Chlorobromomethane	+++++ 0.1432	+++++ 0.1264	0.1513 0.1309	0.1383	0.1386	Ave		0.1381				6.4		20.0			
Methacrylonitrile	+++++ 0.0695	+++++ 0.0614	0.0623 0.0615	0.0640	0.0713	Ave		0.0650				6.7		20.0			
Chloroform	+++++ 0.5076	+++++ 0.4374	0.4837 0.4437	0.4905	0.5204	Ave		0.4806			0.2000	7.0		20.0			
Cyclohexane	+++++ 0.4627	+++++ 0.3587	0.4862 0.3992	0.4386	0.4460	Ave		0.4319			0.1000	10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4412	+++++ 0.3855	0.3956 0.4001	0.4111	0.4400	Ave		0.4122			0.1000	5.7		20.0			
Carbon tetrachloride	+++++ 0.3820	+++++ 0.3299	0.3922 0.3555	0.3579	0.3700	Ave		0.3646			0.1000	6.0		20.0			
1,1-Dichloropropene	+++++ 0.4056	+++++ 0.3529	0.3813 0.3748	0.4079	0.4057	Ave		0.3880				5.7		20.0			
Isobutyl alcohol	+++++ 2.6052	+++++ 2.6732	3.3481 2.7309	2.6241	2.7707	Ave		2.7920				10.0		20.0			
Isooctane	+++++ 1.0895	+++++ 0.8500	1.0292 0.9735	0.9772	1.0279	Ave		0.9912				8.2		20.0			
Benzene	+++++ 1.6899	+++++ 1.4810	1.5364 1.4223	1.6753	1.7641	Ave		1.5949			0.5000	8.4		20.0			
Isopropyl acetate	+++++ 0.1086	+++++ 0.0957	0.1255 0.0976	0.1052	0.1104	Ave		0.1071				10.0		20.0			
Tert-amyl methyl ether	+++++ 0.7662	+++++ 0.6640	0.6293 0.6750	0.7288	0.7437	Ave		0.7012				7.6		20.0			
1,2-Dichloroethane	+++++ 0.2858	+++++ 0.2513	0.3222 0.2602	0.2818	0.2947	Ave		0.2827			0.1000	9.0		20.0			
n-Heptane	+++++ 0.0758	+++++ 0.0620	0.1112 0.0698	0.0712	0.0703	Lin2	0.0427	0.0676							0.9940		0.9900
n-Butanol	+++++ 1.6120	+++++ 1.5381	2.5646 1.5984	1.6992	1.8881	QuaF		1.5214	0.0000061						1.0000		0.9900
Trichloroethene	+++++ 0.3033	+++++ 0.2726	0.2965 0.2887	0.2781	0.2944	Ave		0.2889			0.2000	4.0		20.0			
Ethyl acrylate	+++++ 0.0335	+++++ 0.0286	0.0669 0.0327	0.0465	0.0345	QuaF		0.0271	0.0000111						0.9990		0.9900
Methylcyclohexane	+++++ 0.5237	+++++ 0.4219	0.5977 0.4681	0.4831	0.4960	Ave		0.4984			0.1000	11.9		20.0			
1,2-Dichloropropane	+++++ 0.3023	+++++ 0.2711	0.3051 0.2795	0.2789	0.3017	Ave		0.2898			0.1000	5.1		20.0			
Methyl methacrylate	+++++ 0.0479	+++++ 0.0432	0.0553 0.0456	0.0430	0.0452	Ave		0.0467				9.8		20.0			
1,4-Dioxane	+++++ 0.9232	+++++ 1.1938	1.2195 1.2615	1.0280	1.1676	Ave		1.1323				11.4		20.0			
Dibromomethane	+++++ 0.1348	+++++ 0.1198	0.1230 0.1266	0.1291	0.1322	Ave		0.1276				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2208	+++++ 0.1916	0.2567 0.2000	0.2256	0.2293	Ave		0.2207				10.5		20.0			
Bromodichloromethane	+++++ 0.3394	+++++ 0.3086	0.3827 0.3259	0.3237	0.3431	Ave		0.3372			0.2000	7.5		20.0			
2-Nitropropane	+++++ 0.0376	+++++ 0.0335	0.0877 0.0353	0.0556	0.0432	QuaF		0.0333	0.0000020						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1244	+++++ 0.1119	0.1437 0.1183	0.1212	0.1268	Ave		0.1244				8.7		20.0			
Epichlorohydrin	0.2565 0.2497	0.4014 0.2281	0.2733 0.2229	0.2538	0.2485	QuaF		0.2347	-0.000001						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.6141	+++++ 0.5578	0.5850 0.5744	0.6095	0.6362	Ave		0.5962			0.2000	4.8		20.0			
methyl isobutyl ketone	+++++ 1.1439	+++++ 1.0606	1.0534 0.9968	1.0762	1.0654	Ave		1.0661			0.0500	4.4		20.0			
Toluene	+++++ 1.7216	+++++ 1.5096	1.7959 1.4489	1.7205	1.7590	Ave		1.6592			0.4000	8.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4695	+++++ 0.4254	0.4429 0.4430	0.4666	0.4922	Ave		0.4566			0.1000	5.3		20.0			
Ethyl methacrylate	+++++ 0.3867	+++++ 0.3453	0.4105 0.3536	0.3875	0.4000	Ave		0.3806				6.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2297	+++++ 0.2081	0.1762 0.2185	0.2245	0.2395	Ave		0.2161			0.1000	10.3		20.0			
Tetrachloroethene	+++++ 0.4247	+++++ 0.3840	0.4089 0.4045	0.3908	0.4061	Ave		0.4032			0.2000	3.6		20.0			
1,3-Dichloropropane	+++++ 0.4395	+++++ 0.4022	0.4118 0.4193	0.4403	0.4633	Ave		0.4294				5.2		20.0			
2-Hexanone	+++++ 1.6219	+++++ 1.6586	1.7260 1.5208	1.5848	1.5880	Ave		1.6167			0.0500	4.4		20.0			
n-Butyl acetate	+++++ 0.3602	+++++ 0.3178	0.4063 0.3236	0.3860	0.3870	Ave		0.3635				10.0		20.0			
Dibromochloromethane	+++++ 0.3146	+++++ 0.2889	0.3323 0.3021	0.3021	0.3129	Ave		0.3088			0.1000	4.8		20.0			
Ethylene Dibromide	+++++ 0.2473	+++++ 0.2222	0.2783 0.2343	0.2411	0.2407	Ave		0.2440			0.1000	7.7		20.0			
Chlorobenzene	+++++ 1.0661	+++++ 0.9573	0.8795 0.9641	1.0053	1.0552	Ave		0.9879			0.5000	7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5976	+++++ 0.5315	0.5340 0.5359	0.5514	0.6053	Ave		0.5593			0.1000	6.0		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3985	+++++ 0.3586	0.4320 0.3660	0.3881	0.3990	Ave		0.3904				6.8		20.0			
m-Xylene & p-Xylene	+++++ 0.7366	+++++ 0.6562	0.6433 0.6620	0.6790	0.7533	Ave		0.6884			0.1000	6.6		20.0			
n-Butyl acrylate	+++++ 0.2487	+++++ 0.2088	0.2293 0.2019	0.2330	0.2520	Ave		0.2289				8.9		20.0			
o-Xylene	+++++ 0.7407	+++++ 0.6564	0.7316 0.6397	0.7306	0.7631	Ave		0.7103			0.3000	7.0		20.0			
Styrene	+++++ 1.1813	+++++ 1.0355	1.1884 0.9955	1.1221	1.2046	Ave		1.1212			0.3000	7.8		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9557	+++++ 0.8482	0.9800 0.7991	1.0568	1.0448	Ave		0.9474				11.0		20.0			
Bromoform	+++++ 0.1929	+++++ 0.1778	0.1947 0.1846	0.1852	0.1882	Ave		0.1872			0.1000	3.3		20.0			
Isopropylbenzene	+++++ 1.7412	+++++ 1.5093	1.6610 1.4327	1.6780	1.7728	Ave		1.6325			0.1000	8.2		20.0			
Bromobenzene	+++++ 0.8453	+++++ 0.8018	0.8199 0.8031	0.8021	0.8335	Ave		0.8176				2.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5757	+++++ 0.5229	0.5457 0.5342	0.5749	0.6110	Ave		0.5607			0.3000	5.8		20.0			
N-Propylbenzene	+++++ 4.3305	+++++ 3.8032	3.9479 3.3866	4.3651	4.5602	Ave		4.0656				10.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1410	+++++ 0.1339	0.2144 0.1368	0.1525	0.1493	Ave		0.1547				19.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1352	+++++ 0.1260	0.1005 0.1289	0.1266	0.1471	Ave		0.1274				12.0		20.0			
2-Chlorotoluene	+++++ 2.9321	+++++ 2.6334	2.7865 2.4716	2.9855	3.0573	Ave		2.8111				8.0		20.0			
4-Ethyltoluene	+++++ 3.5874	+++++ 3.1902	3.2414 2.8876	3.5766	3.7468	Ave		3.3717				9.5		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0535	+++++ 2.7713	2.6972 2.5591	2.9378	3.1517	Ave		2.8618				7.9		20.0			
4-Chlorotoluene	+++++ 2.6013	+++++ 2.3862	2.4295 2.2188	2.6803	2.7691	Ave		2.5142				8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.0798	+++++ 0.9730	0.9191 0.9241	0.9882	1.0681	Ave		0.9921				7.0		20.0			
tert-Butylbenzene	+++++ 2.5227	+++++ 2.3490	2.0673 2.2493	2.3170	2.5269	Ave		2.3387				7.4		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1631	+++++ 2.7999	2.9632 2.5404	3.0781	3.2882	Ave		2.9721				9.1		20.0			
sec-Butylbenzene	+++++ 3.9628	+++++ 3.4855	3.7619 3.1206	3.7768	4.0342	Ave		3.6903				9.2		20.0			
1,3-Dichlorobenzene	+++++ 1.6602	+++++ 1.5198	1.6217 1.4017	1.6539	1.6778	Ave		1.5892			0.6000	6.8		20.0			
4-Isopropyltoluene	+++++ 3.4015	+++++ 3.0084	3.1523 2.6632	3.2486	3.4704	Ave		3.1574				9.3		20.0			
1,4-Dichlorobenzene	+++++ 1.6213	+++++ 1.4985	1.4392 1.4410	1.6024	1.6383	Ave		1.5401			0.5000	5.9		20.0			
1,2,3-Trimethylbenzene	+++++ 3.2545	+++++ 2.9692	3.0594 2.6419	3.1872	3.3942	Ave		3.0844				8.5		20.0			
Benzyl chloride	+++++ 1.2011	+++++ 1.0993	1.2123 1.0707	1.2952	1.2729	Ave		1.1919				7.6		20.0			
Indan	+++++ 2.9353	+++++ 2.6256	2.7761 2.3217	2.8992	3.0772	Ave		2.7725				9.7		20.0			
p-Diethylbenzene	+++++ 2.1157	+++++ 1.8664	1.9746 1.7204	2.1064	2.1765	Ave		1.9933				8.8		20.0			
n-Butylbenzene	+++++ 1.7728	+++++ 1.5558	1.6428 1.4456	1.8129	1.8423	Ave		1.6787				9.4		20.0			
1,2-Dichlorobenzene	+++++ 1.5302	+++++ 1.3990	1.4819 1.3439	1.4736	1.5702	Ave		1.4665			0.4000	5.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.2465	+++++ 2.8619	2.8055 2.5405	3.0985	3.3195	Ave		2.9787				9.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0848	+++++ 0.0785	0.0940 0.0842	0.1052	0.0899	Ave		0.0894			0.0500	10.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.4402	+++++ 1.3615	1.2781 1.3159	1.3572	1.4510	Ave		1.3673				5.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1466	+++++ 1.0679	1.1767 1.0610	1.0554	1.1340	Ave		1.1069			0.2000	4.7		20.0			
Hexachlorobutadiene	+++++ 0.7207	+++++ 0.6950	0.6916 0.7540	0.6512	0.7115	Ave		0.7040				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-304107-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.7185	+++++ 1.5308	1.5764 1.5486	1.5586	1.7349	Ave		1.6113				5.6		20.0			
1,2,3-Trichlorobenzene	+++++ 0.8944	+++++ 0.8159	0.9718 0.8482	0.8083	0.8807	Ave		0.8699				6.9		20.0			
Dibromofluoromethane (Surr)	0.2407 0.2463	+++++ 0.2455	0.2446 0.2382	0.2448	0.2436	Ave		0.2434				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2299	+++++ 0.2285	0.2277 0.2521	0.2306	0.2347	Ave		0.2339				3.9		20.0			
Toluene-d8 (Surr)	1.3446 1.3218	+++++ 1.3142	1.3314 1.3113	1.3634	1.3558	Ave		1.3346				1.5		20.0			
4-Bromofluorobenzene	0.4126 0.4140	+++++ 0.4166	0.4066 0.4200	0.4061	0.4082	Ave		0.4120				1.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 78361	+++++ 254802	1788 761913	7000	22525	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 250137	+++++ 868625	3952 2536675	20917	83858	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 37832	+++++ 130864	580 372959	3952	13249	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 221747	+++++ 775997	4087 2042026	23366	93842	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1273 191438	1862 608979	3322 1634197	18521	76321	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 213222	+++++ 725217	3525 1879320	21668	88204	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 129728	+++++ 457684	2564 1049635	13594	58415	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 115242	+++++ 400345	1999 981690	13227	48874	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 386293	+++++ 1475479	6762 3645800	35353	147674	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 264463	+++++ 932770	4922 2522369	22673	90999	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 70472	+++++ 192436	1671 558025	7153	27372	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 20858	+++++ 72207	+++++ 205231	2579	8447	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Ave	+++++ 87863	+++++ 323402	2386 842860	9005	36675	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172175	+++++ 542369	3932 1461538	18589	69170	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 179551	+++++ 646312	3664 1766432	16940	60831	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 284333	+++++ 1010752	5102 2725056	27665	98163	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 34787	+++++ 72477	1968 144588	8718	15747	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 180338	+++++ 585658	3848 1694592	17483	67163	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 183079	+++++ 639145	3130 1730902	18411	70813	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 122005	+++++ 698136	2991 1823304	14344	51285	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 341528	+++++ 1221860	6178 3201305	30357	131648	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 55353	+++++ 185192	1367 521934	6043	23462	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 696139	+++++ 2259637	14088 5871595	70295	283462	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 124096	+++++ 418594	2583 1148773	10669	49576	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 135402	+++++ 461505	3484 1254644	14850	59547	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 412789	+++++ 1283437	9030 3455349	40544	167258	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 127234	+++++ 416486	1930 1292894	12455	59796	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 200527	+++++ 716849	3928 1866777	19474	79649	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 94986	740 329886	1926 923519	9911	39331	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 415102	+++++ 1549751	7899 4041928	42824	166074	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 198564	+++++ 704897	4083 1862270	19577	78978	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1932 356363	3826 1252702	7199 3382444	36387	150672	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 254996	+++++ 773874	5675 2184728	25894	98814	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 574436	+++++ 2056213	12882 5136609	62027	249315	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 334357	+++++ 1196724	6191 3045189	34089	141436	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 48947	+++++ 173608	1026 477462	5212	21448	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 164425	+++++ 586216	3679 1564626	16209	64229	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 517224	+++++ 1922015	9802 4936381	51650	213469	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 66874	+++++ 245179	1561 641614	7270	26973	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 203967	+++++ 747404	4340 1942933	20820	79837	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 50816	+++++ 220610	1274 584090	5494	21102	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 22340	+++++ 85470	598 227631	2843	9565	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 87260	+++++ 317810	1389 853268	10369	36885	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 124762	+++++ 447321	2974 1197665	13060	51836	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 23073	+++++ 81943	643 221414	2849	9343	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 85275	+++++ 311569	1918 821169	8619	32865	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 414065	+++++ 1512991	7903 3855622	39899	169187	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 302200	+++++ 1078472	6132 2783493	30559	123395	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 275494	+++++ 884355	6164 2503790	27328	105762	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 262649	+++++ 950301	5015 2509962	25613	104326	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 227434	+++++ 813251	4972 2229799	22297	87741	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 241480	+++++ 870081	4834 2351333	25412	96206	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 94129	+++++ 374629	2346 1054846	9763	39146	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 648638	+++++ 2095475	13049 6106858	60879	243743	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 725456	+++++ 2619903	13960 6504140	72188	292377	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 64649	+++++ 235934	1591 611965	6552	26175	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 456189	+++++ 1637072	7978 4234440	45408	176351	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 170143	+++++ 619642	4085 1632315	17557	69886	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Heptane	FB	Lin2	+++++ 45156	+++++ 152846	1410 437661	4437	16675	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	QuaF	+++++ 58242	+++++ 215555	1797 617421	6322	26676	+++++ 1250	+++++ 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 180554	+++++ 672108	3759 1811225	17324	69805	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 19960	+++++ 70597	848 205054	2898	8181	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 311783	+++++ 1040088	7578 2936553	30097	117608	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 179967	+++++ 668369	3868 1753273	17374	71536	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 57088	+++++ 213113	1402 572672	5353	21449	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 19808	+++++ 67773	1143 192132	1847	7662	+++++ 1000	+++++ 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 80232	+++++ 295469	1560 794329	8040	31348	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 131452	+++++ 472450	3255 1254570	14057	54377	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 202081	+++++ 760800	4852 2044127	20169	81359	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 44714	+++++ 165278	2223 443104	6932	20504	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 74229	+++++ 276616	1826 744007	7569	30139	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	QuaF	893 169992	2552 614260	3890 1676729	18455	71598	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 263613	+++++ 986731	5315 2626610	26264	105439	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 194660	+++++ 713989	3748 1875013	19562	76738	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	+++++	16317	74134	291519	+++++	+++++	1.00	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			739073	2670411	6625998			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 201534	+++++ 752521	4024 2025876	20105	81580	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 166002	+++++ 610866	3730 1617131	16696	66295	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 98587	+++++ 368107	1601 999296	9672	39692	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 182300	+++++ 679271	3715 1849974	16841	67302	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 188654	+++++ 711534	3742 1917384	18971	76782	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 276015	+++++ 1116551	6141 2860509	28807	114385	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 154617	+++++ 562106	3692 1479749	16633	64147	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 135038	+++++ 511129	3019 1381577	13017	51865	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 106157	+++++ 393117	2529 1071250	10388	39892	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 457685	+++++ 1693511	7991 4408733	43316	174882	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 256533	+++++ 940303	4852 2450514	23761	100322	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 171086	+++++ 634398	3925 1673911	16724	66124	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 316230	+++++ 1160874	5845 3027611	29258	124851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 106772	+++++ 369385	2083 923488	10039	41763	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
o-Xylene	CBNZd5	Ave	+++++ 317959	+++++ 1161248	6647 2925234	31480	126476	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 507099	+++++ 1831815	10798 4552372	48351	199650	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 212924	+++++ 749111	4543 1844924	22938	88216	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 82815	+++++ 314589	1769 844210	7982	31192	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 747491	+++++ 2669908	15092 6551690	72302	293809	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 188338	+++++ 708143	3801 1854059	17409	70376	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 128264	+++++ 461798	2530 1233353	12479	51592	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 964825	+++++ 3358999	18302 7818825	94746	385040	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 31406	+++++ 118293	994 315952	3311	12607	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 30131	+++++ 111290	466 297706	2749	12423	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 653264	+++++ 2325815	12918 5706464	64801	258149	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 799273	+++++ 2817521	15027 6666791	77631	316367	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 680321	+++++ 2447597	12504 5908304	63766	266113	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 579575	+++++ 2107458	11263 5122715	58177	233811	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 240569	+++++ 859382	4261 2133473	21450	90188	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 562056	+++++ 2074623	9584 5193005	50291	213363	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 704733	+++++ 2472840	13737 5865302	66812	277639	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 882913	+++++ 3078337	17440 7204760	81978	340634	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 369894	+++++ 1342276	7518 3236282	35899	141663	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 757860	+++++ 2656988	14614 6148812	70513	293026	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 361229	+++++ 1323465	6672 3326961	34780	138333	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 725100	+++++ 2622376	14183 6099591	69180	286595	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 267613	+++++ 970862	5620 2472073	28112	107482	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 653993	+++++ 2318950	12870 5360169	62928	259823	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 471376	+++++ 1648364	9154 3971987	45721	183771	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 394975	+++++ 1374079	7616 3337561	39350	155558	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 340921	+++++ 1235592	6870 3102665	31986	132584	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 723310	+++++ 2527593	13006 5865373	67254	280281	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 18902	+++++ 69305	436 194374	2283	7589	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 320881	+++++ 1202447	5925 3038057	29459	122512	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 255452	+++++ 943201	5455 2449603	22909	95754	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 160574	+++++ 613778	3206 1740835	14135	60073	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 382888	+++++ 1352002	7308 3575259	33830	146487	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 199270	+++++ 720588	4505 1958333	17545	74361	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	150182 146633	+++++ 151297	155052 149443	152539	144383	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 136849	+++++ 140863	144362 158143	143643	139122	+++++ 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	584585 567438	+++++ 581188	604854 599669	587472	561750	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	179396 177733	+++++ 184255	184695 192076	174965	169111	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0

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

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-304107-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
n-Heptane	+++++	+++++	1.2						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 09-May-2024 08:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0175641-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:11 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:08:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.622	1.641	-0.019	42	1273	0.2500	0.3354	Ma
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	30903	1000.0	1000.0	
35 Acrylonitrile	53	3.207	3.201	0.006	45	1932	2.00	2.55	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	174094	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	150182	50.0	49.5	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	623873	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.743	5.731	0.012	0	20033	1000.0	1000.0	
80 Epichlorohydrin	57	6.402	6.396	0.006	46	893	5.00	5.47	M
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	584585	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	434751	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	95	179396	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	226408	50.0	50.0	

QC Flag Legend

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

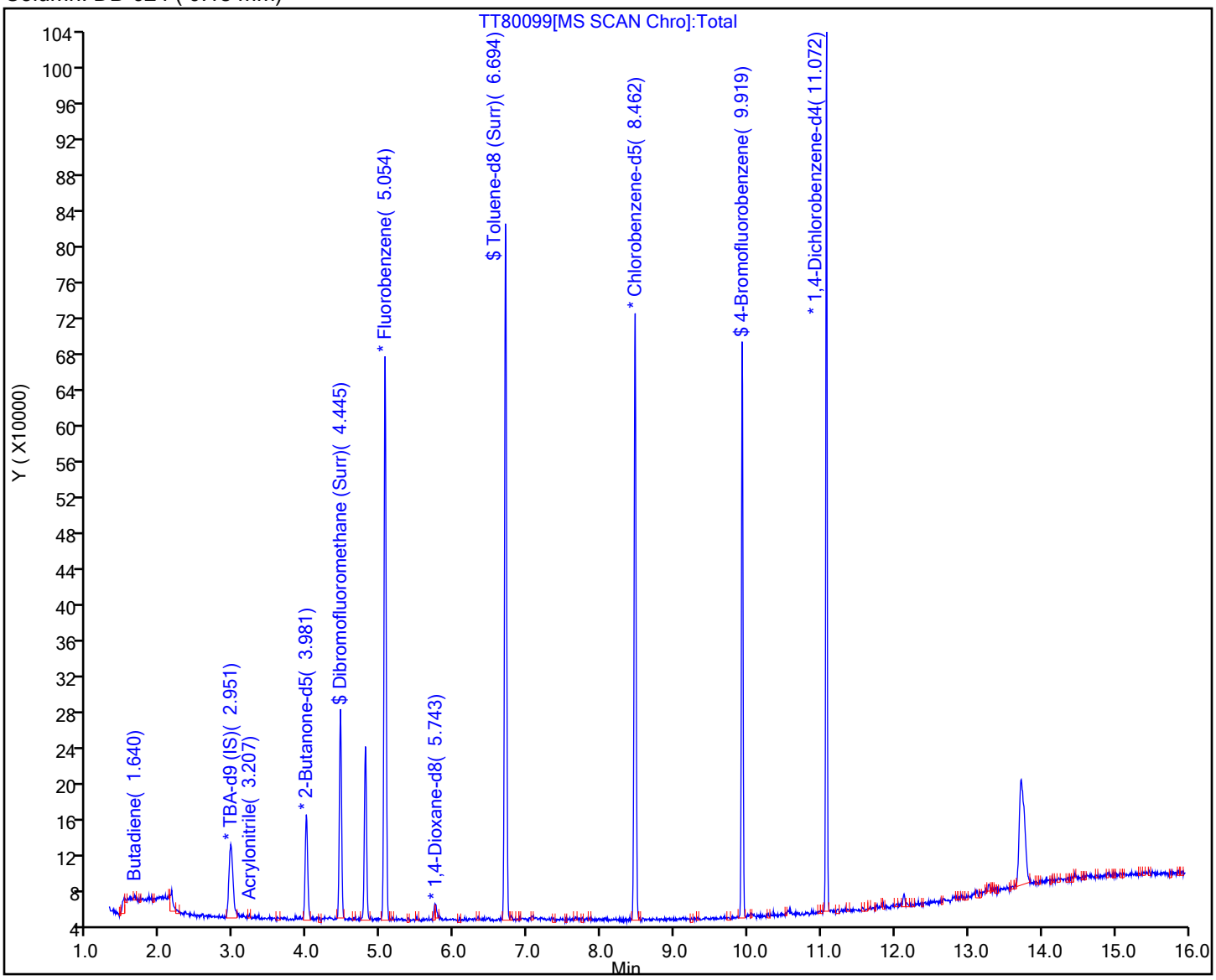
Reagents:

524FREONS_00018	Amount Added:	0.00	Units: uL	
ACROLEIN W_00169	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	0.00	Units: uL	
14DIOXINTER_00168	Amount Added:	0.00	Units: uL	
GASES Li_00582	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
	Amount Added:	2.00	Units: uL	
Ethanol mix_00089	Amount Added:	0.00	Units: uL	
MIX I Hi_00176	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00149	Amount Added:	0.00	Units: uL	
GAS Hi_00469	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00124	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

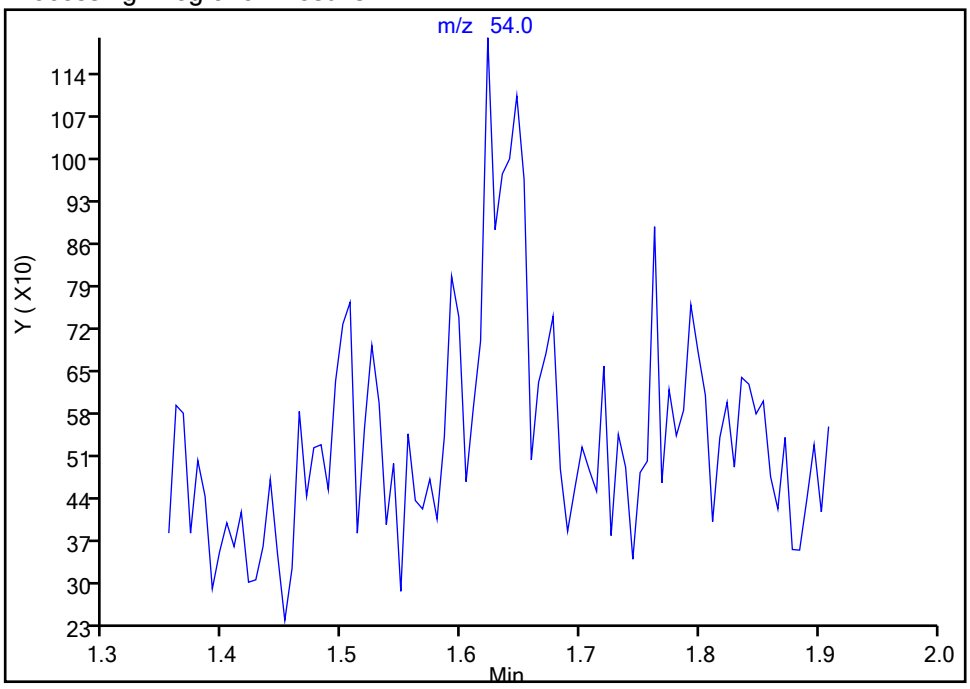
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

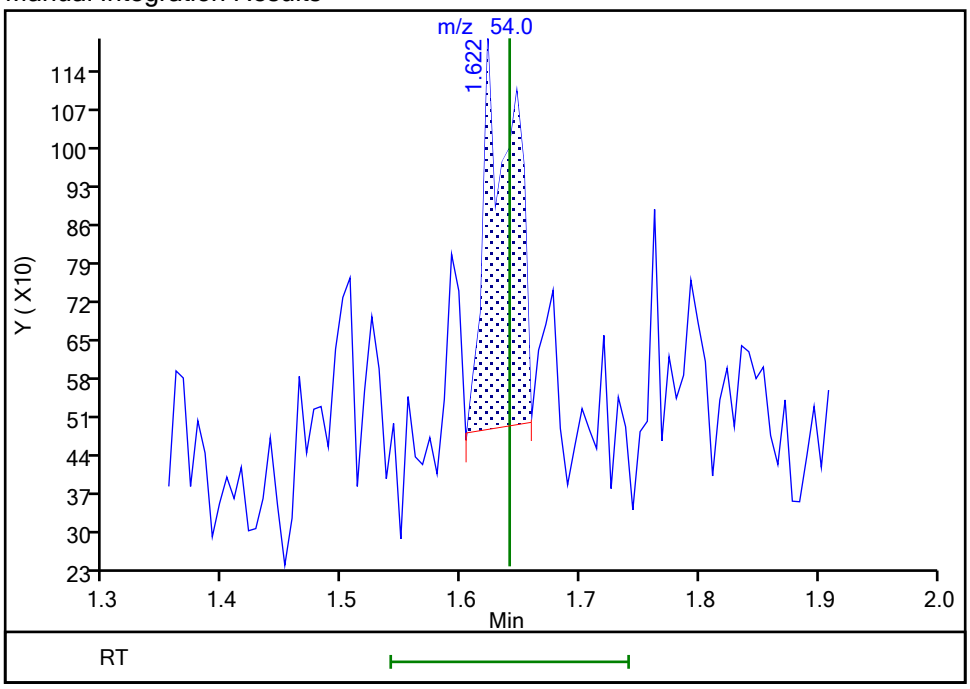
Not Detected
Expected RT: 1.64

Processing Integration Results



Manual Integration Results

RT: 1.62
Area: 1273
Amount: 0.335414
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:07:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

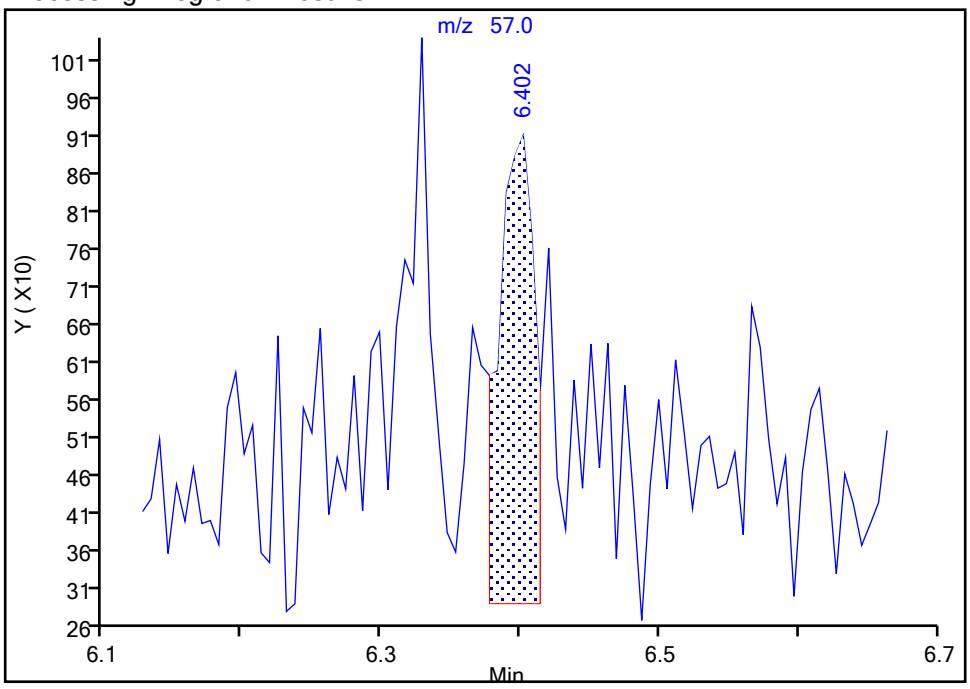
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

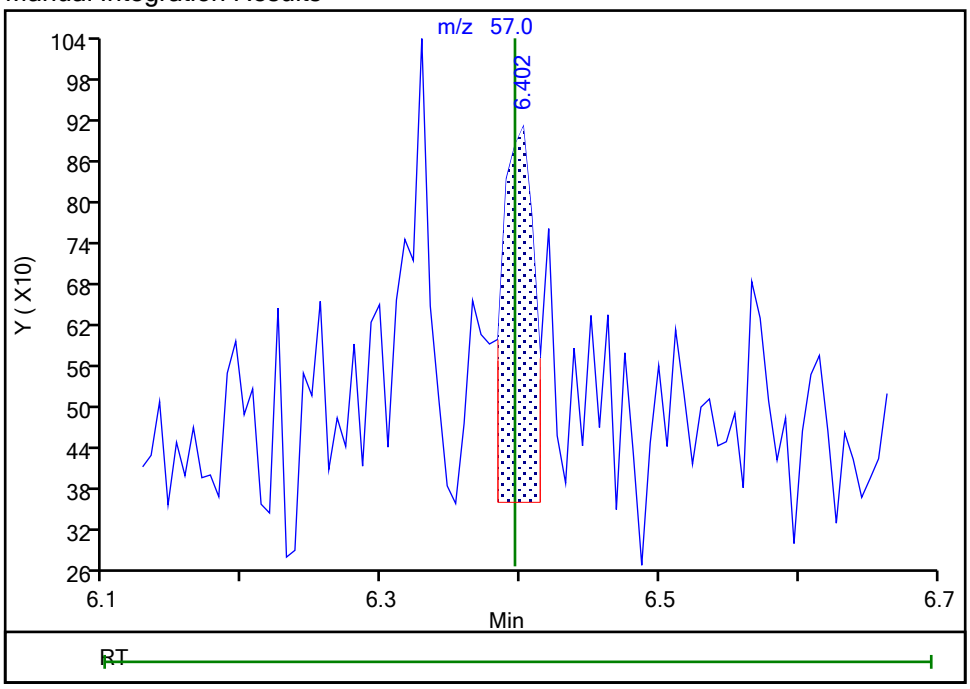
Processing Integration Results

RT: 6.40
Area: 1155
Amount: 6.548859
Amount Units: ug/l



Manual Integration Results

RT: 6.40
Area: 893
Amount: 5.465095
Amount Units: ug/l



Reviewer: W9CM, 10-May-2024 20:43:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

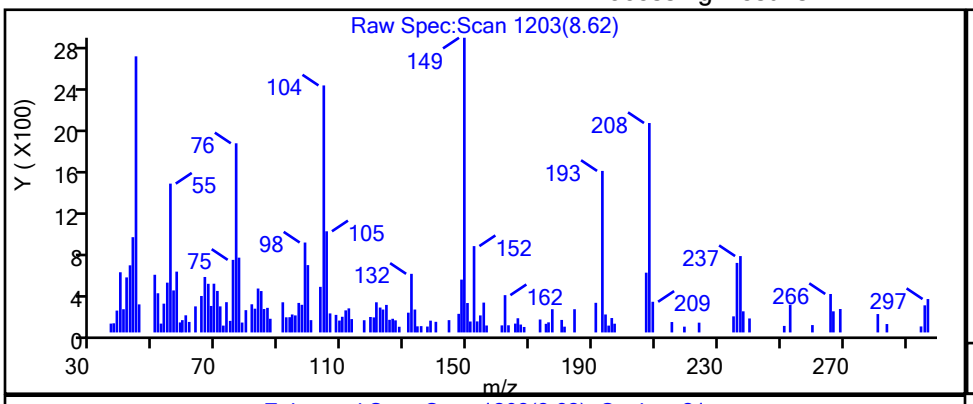
User Disabled Compound Report

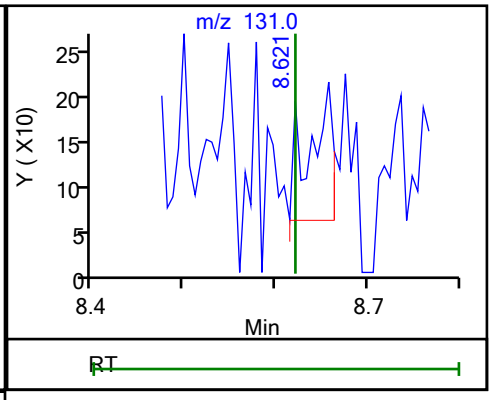
Eurofins Edison

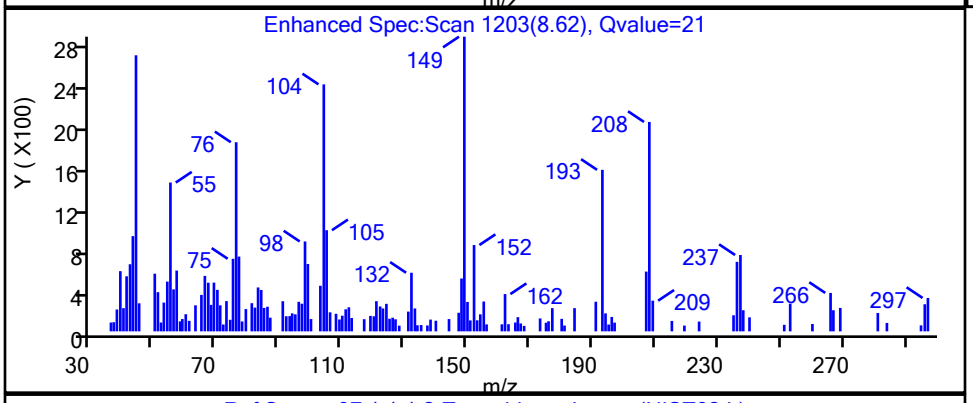
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

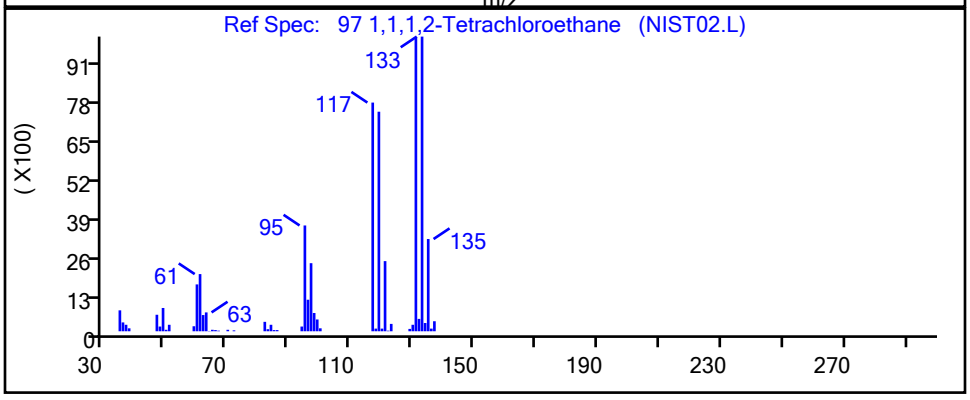
97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.62	131.00	258	0.078909

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

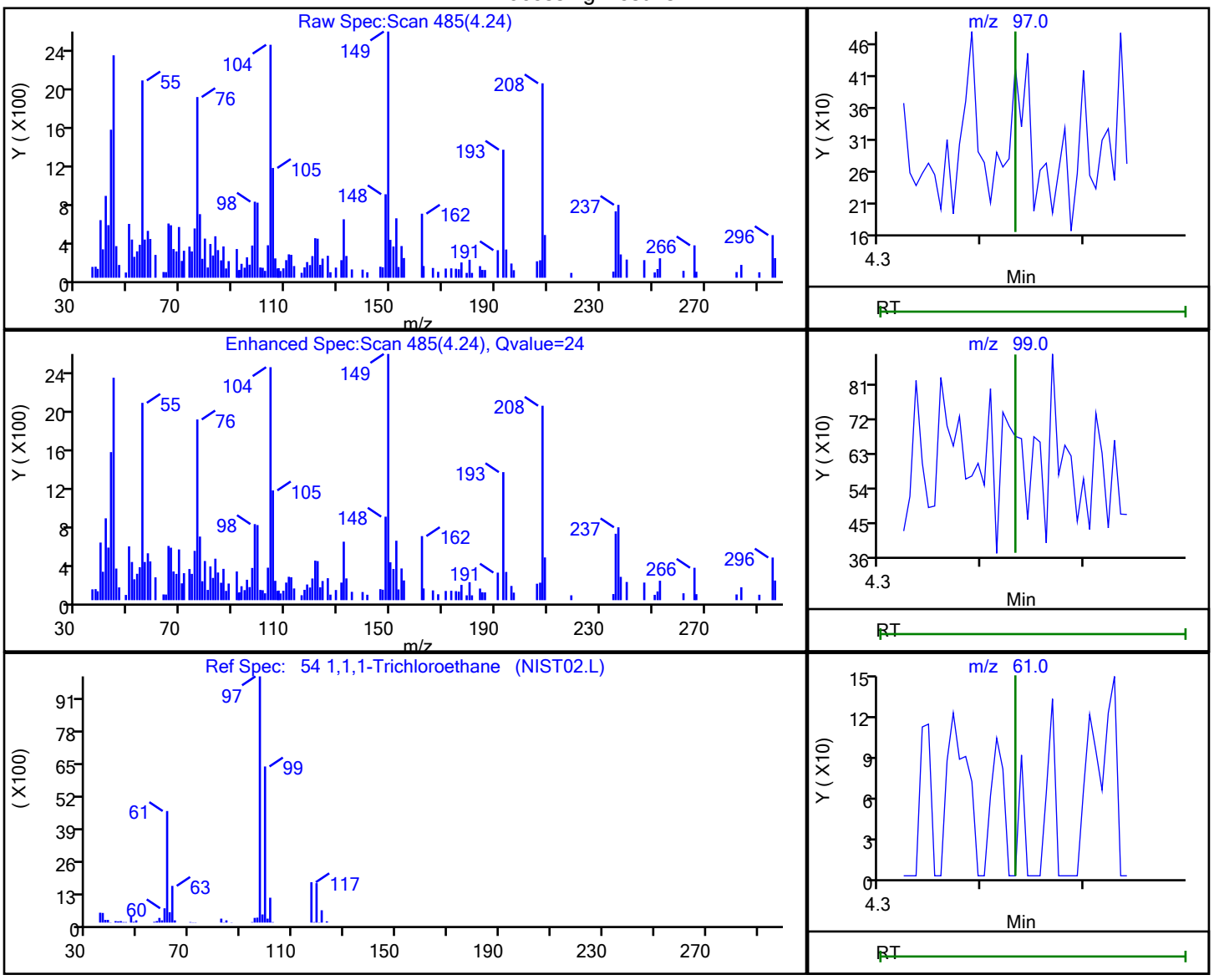
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.24	97.00	189	0.032179
4.23	99.00	843	
4.25	61.00	156	

Reviewer: FK2C, 09-May-2024 09:06:40 -04:00:00 (UTC)

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

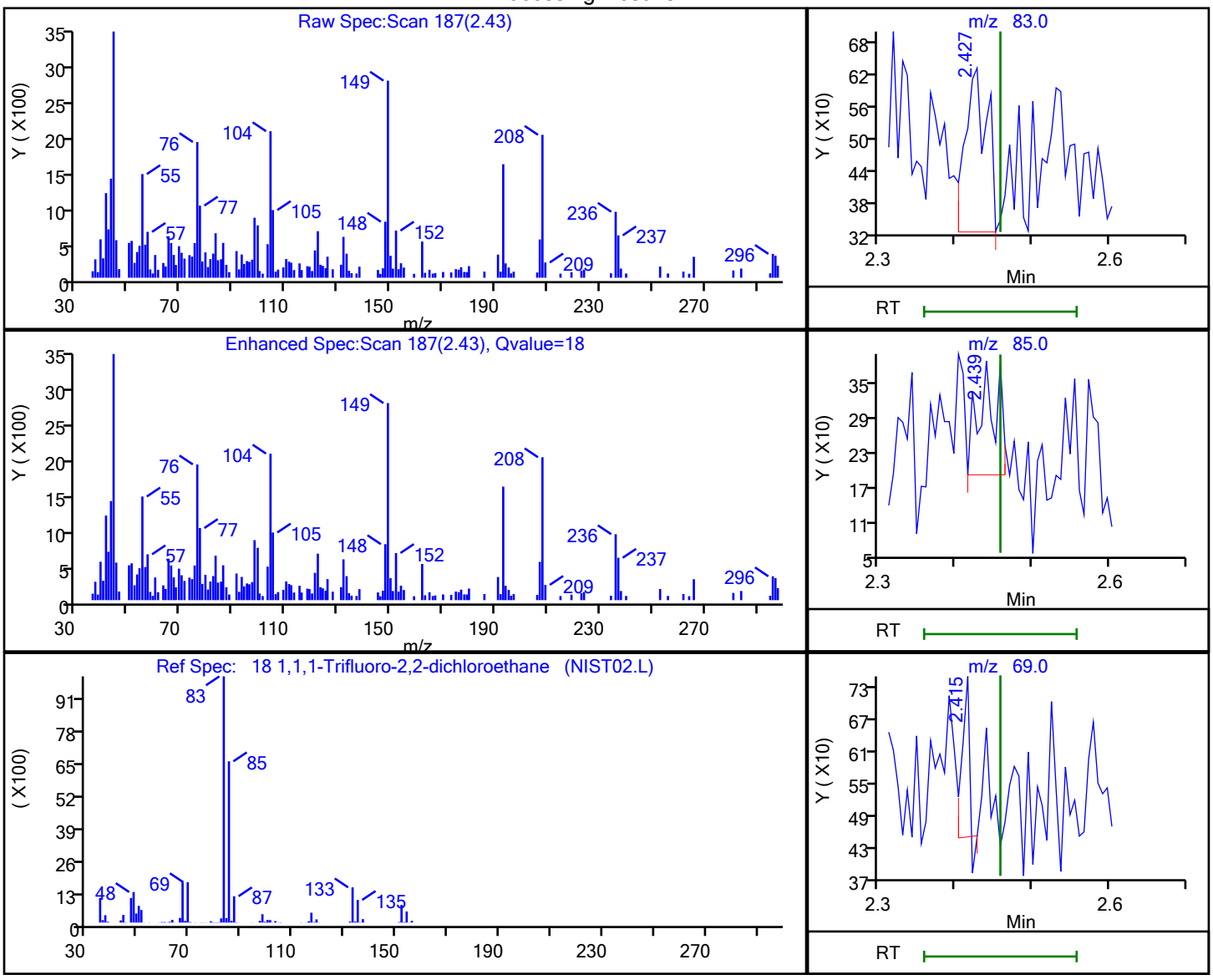
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.43	83.00	596	0.121715
2.44	85.00	327	
2.41	69.00	178	
2.42	67.00	535	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

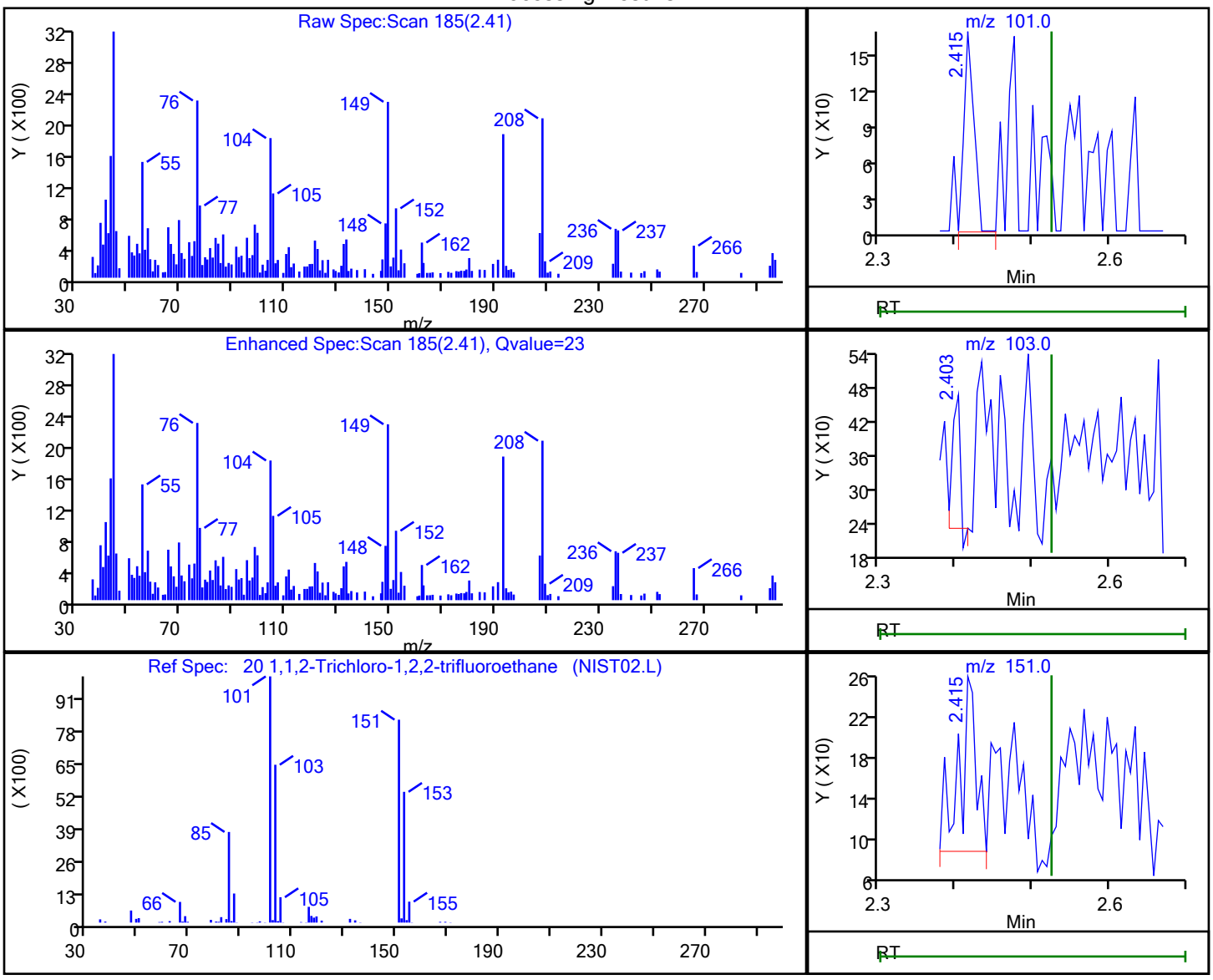
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.41	101.00	150	0.047719
2.40	103.00	156	
2.41	151.00	264	
2.40	85.00	188	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

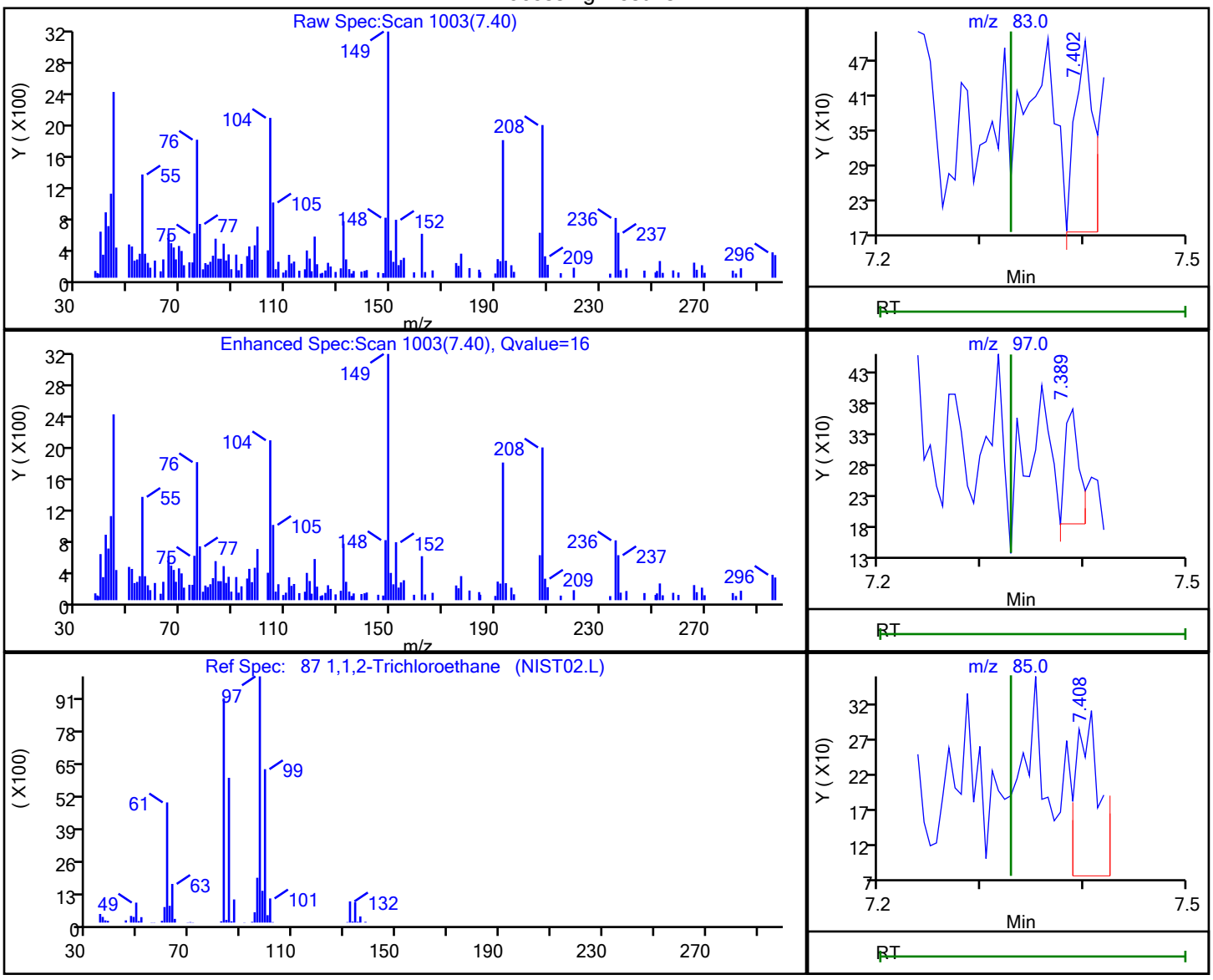
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.40	83.00	414	0.269210
7.39	97.00	182	
7.41	85.00	334	

Reviewer: FK2C, 09-May-2024 09:07:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

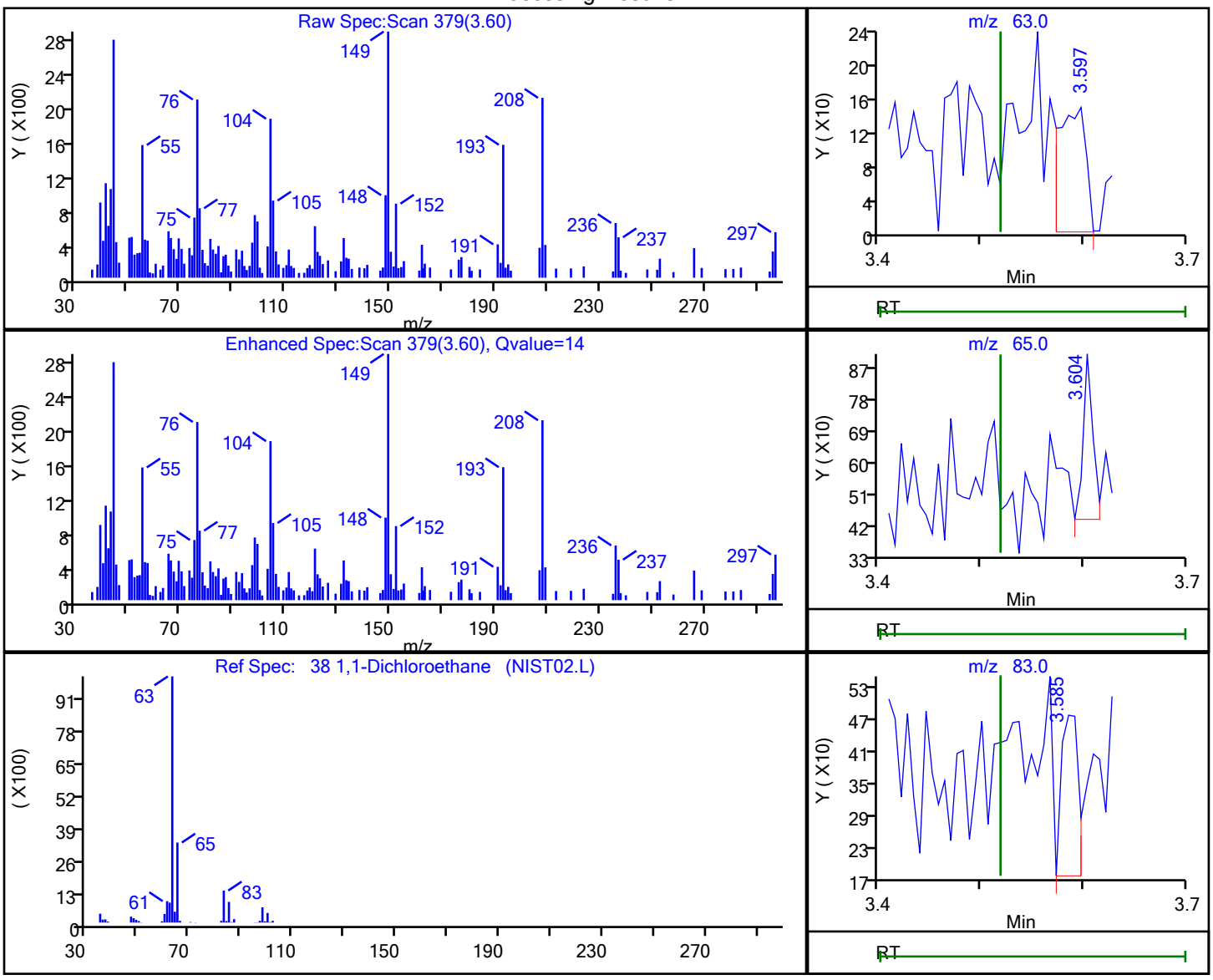
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.60	63.00	266	0.046305
3.60	65.00	317	
3.59	83.00	357	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

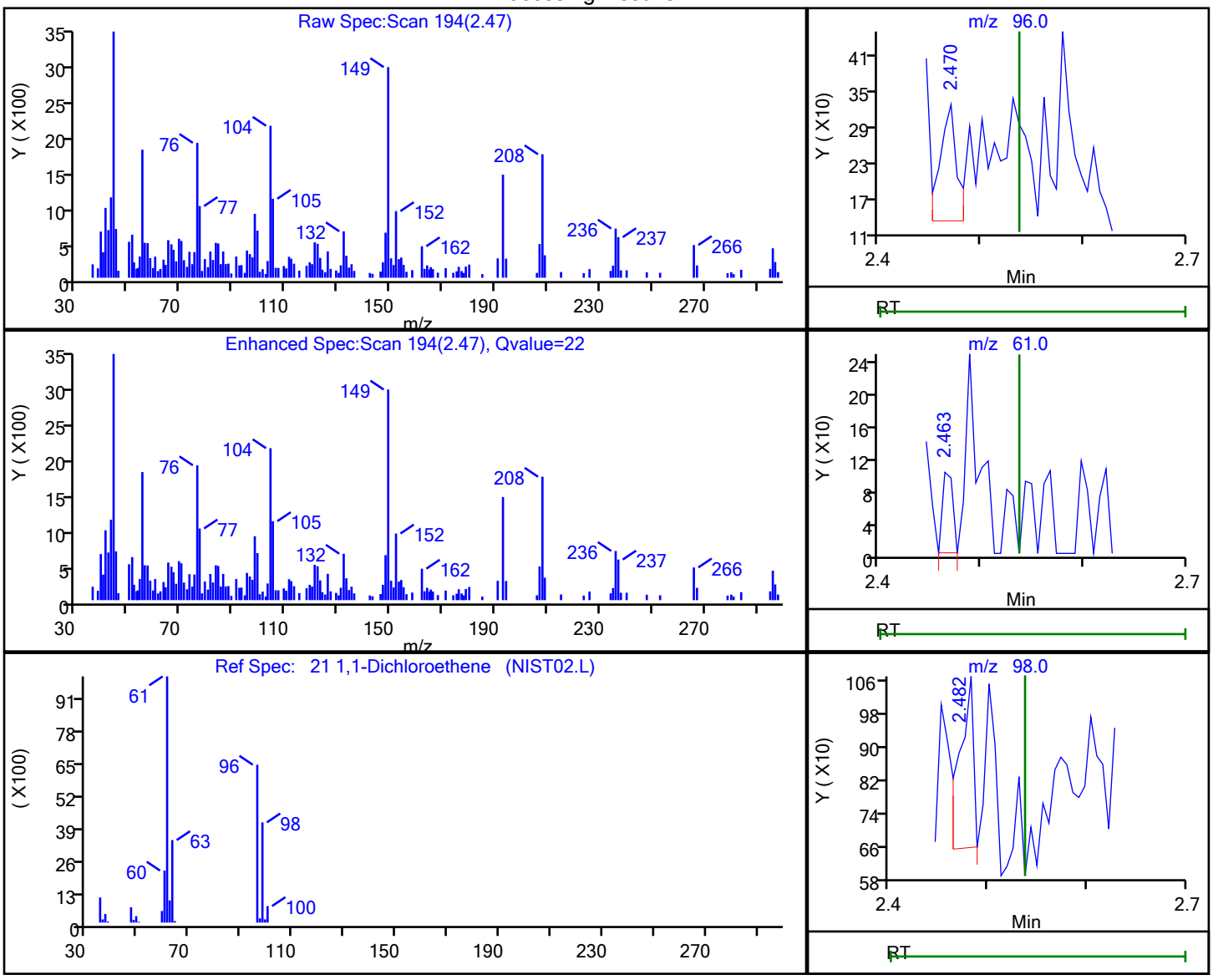
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.47	96.00	217	0.063484
2.46	61.00	71	
2.48	98.00	395	
2.46	63.00	255	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

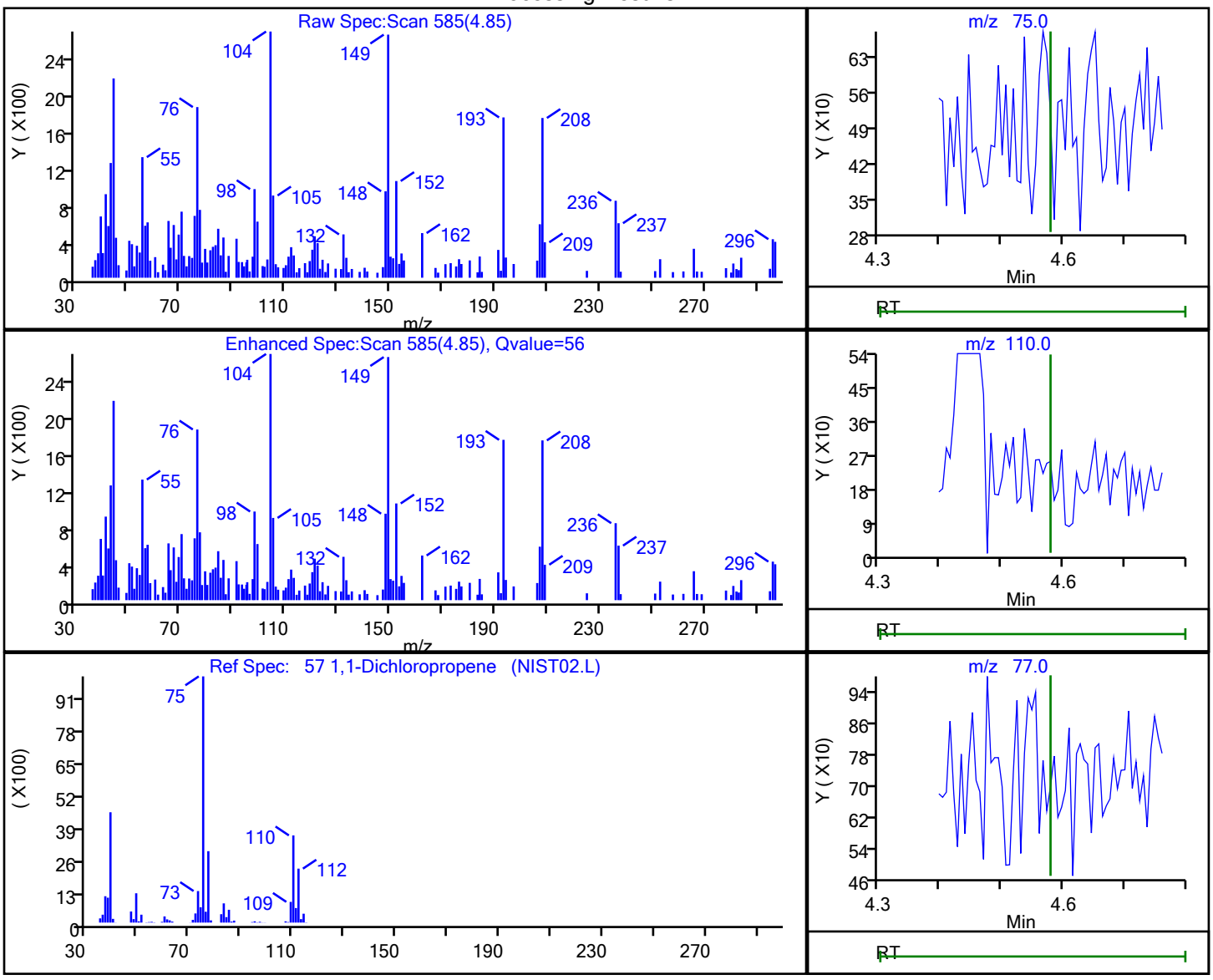
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.85	75.00	352	0.074657
4.87	110.00	225	
4.85	77.00	686	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

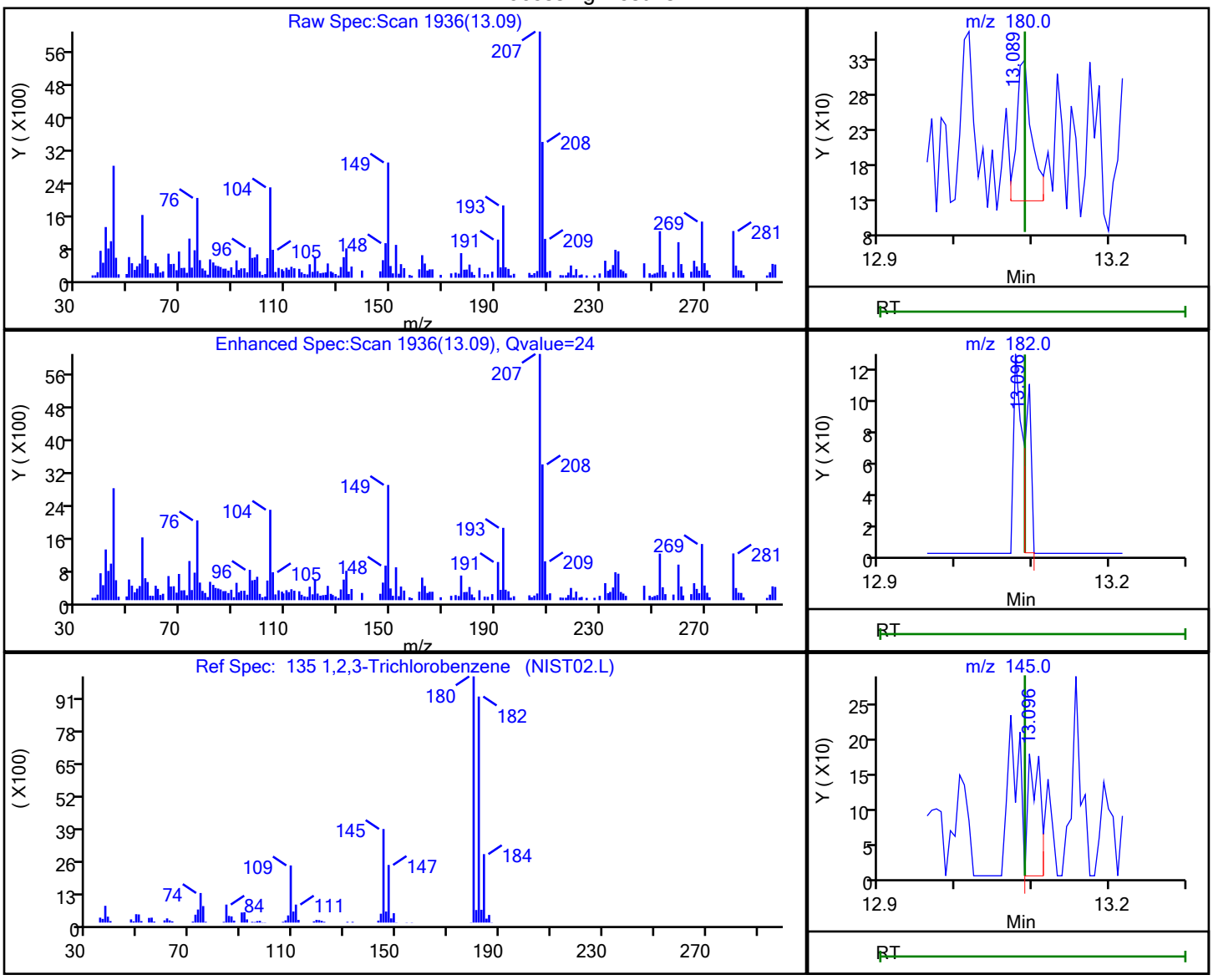
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.09	180.00	266	0.071613
13.10	182.00	64	
13.10	145.00	186	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

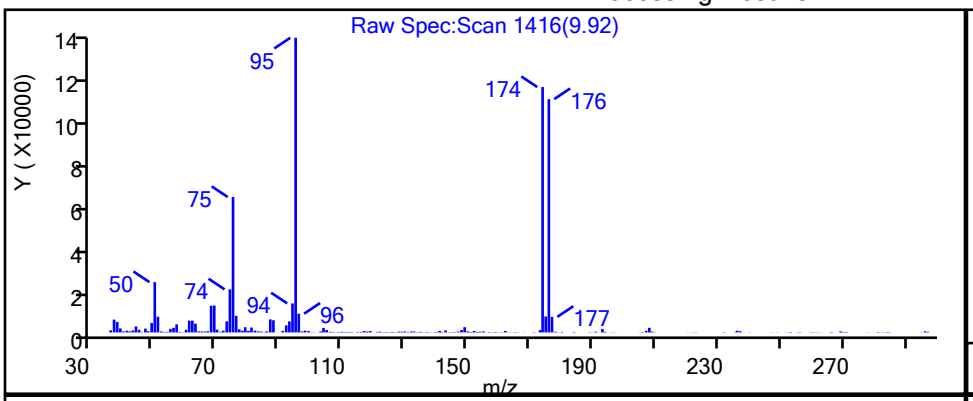
User Disabled Compound Report

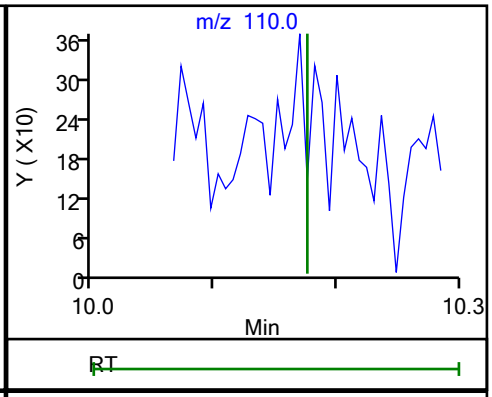
Eurofins Edison

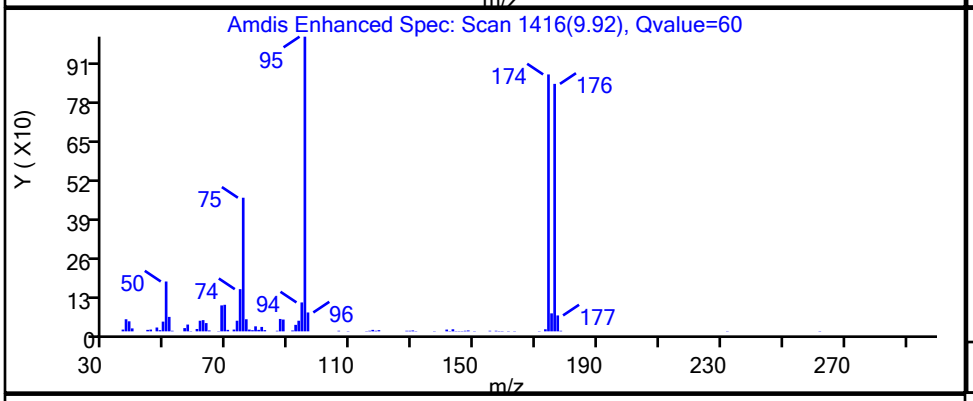
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

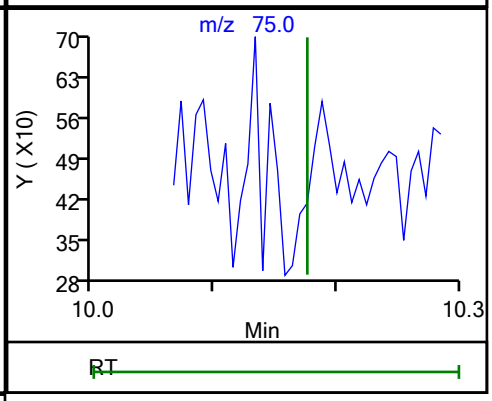
109 1,2,3-Trichloropropane, CAS: 96-18-4

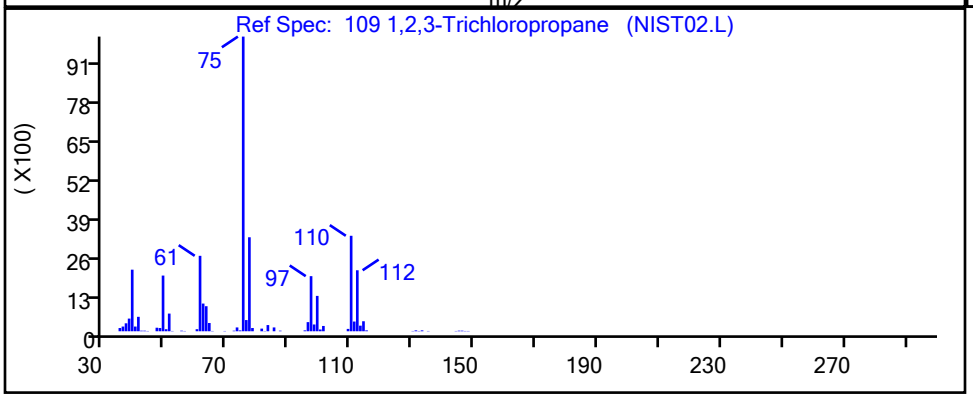
Processing Results











RT	Mass	Response	Amount
9.92	110.00	157	0.268912
9.92	75.00	94270	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

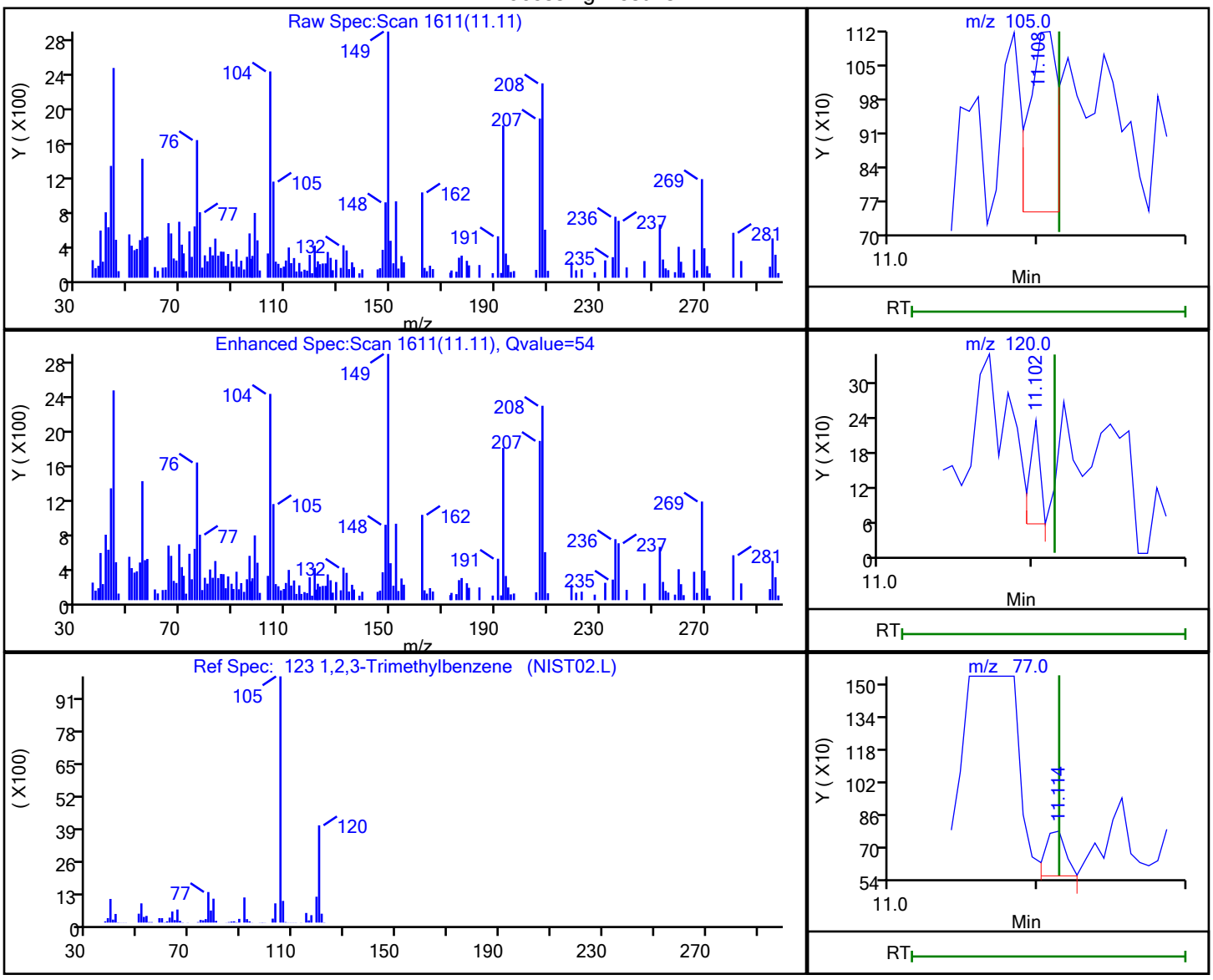
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.11	105.00	514	0.037997
11.10	120.00	86	
11.11	77.00	212	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

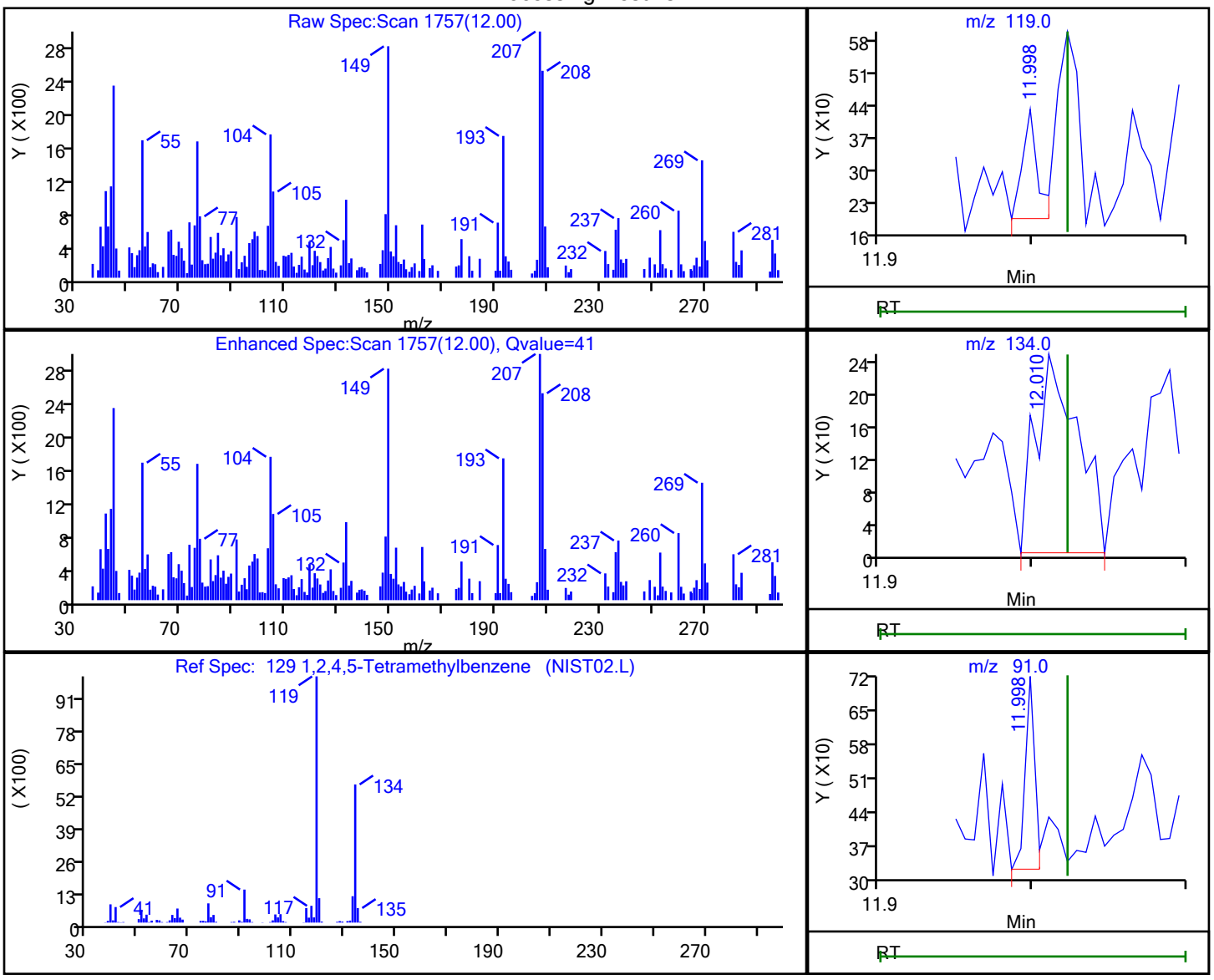
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.00	119.00	162	0.010912
12.01	134.00	478	
12.00	91.00	179	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

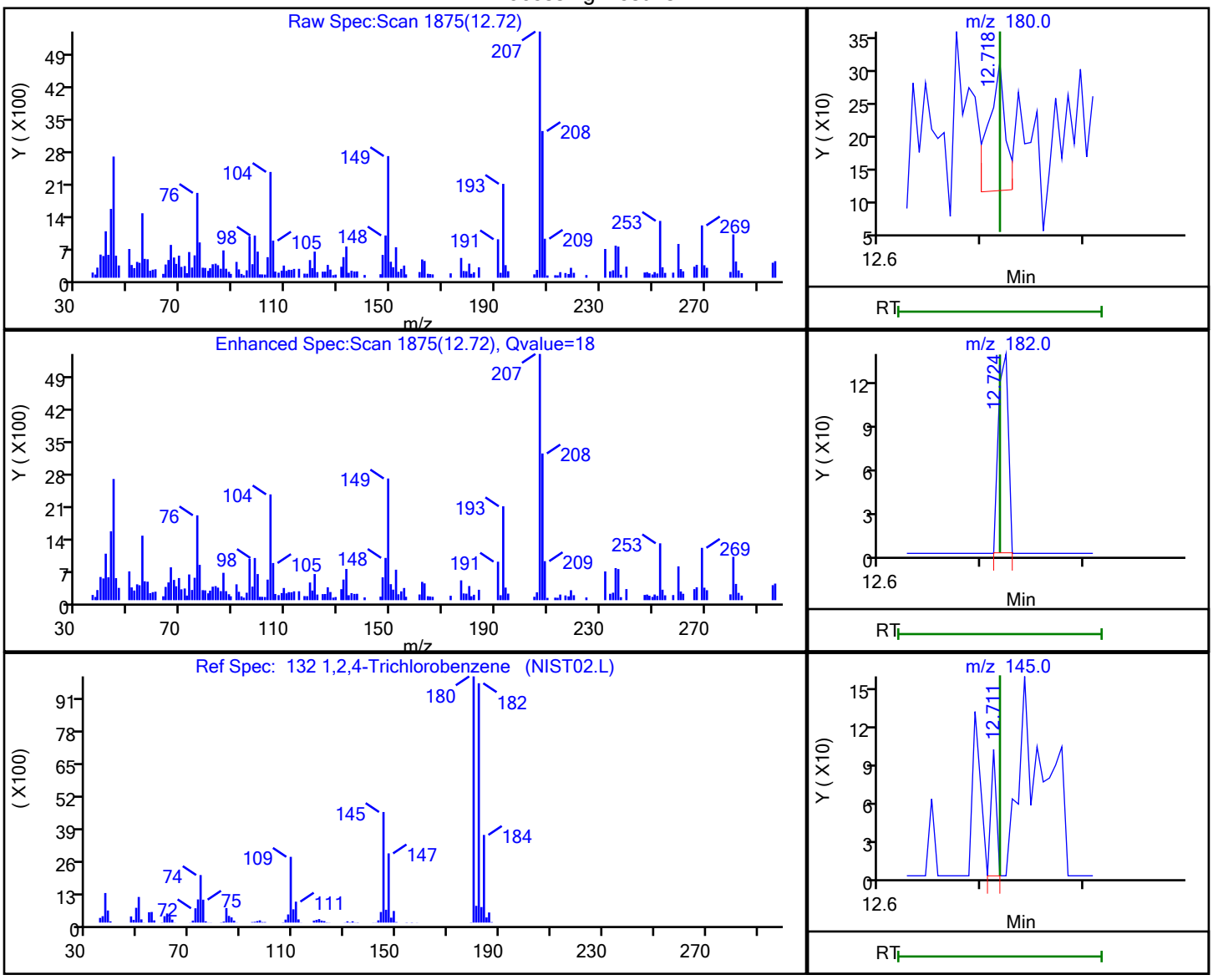
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.72	180.00	225	0.045904
12.72	182.00	94	
12.71	145.00	36	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

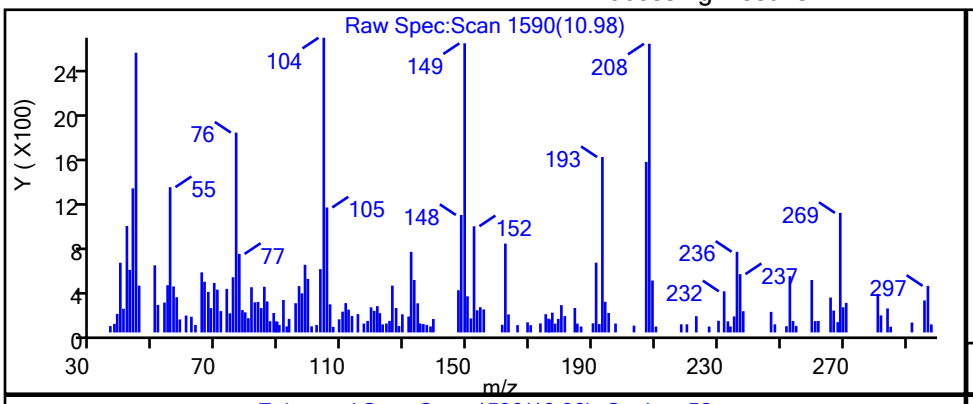
User Disabled Compound Report

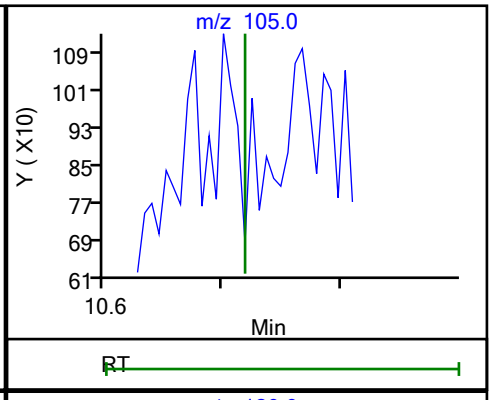
Eurofins Edison

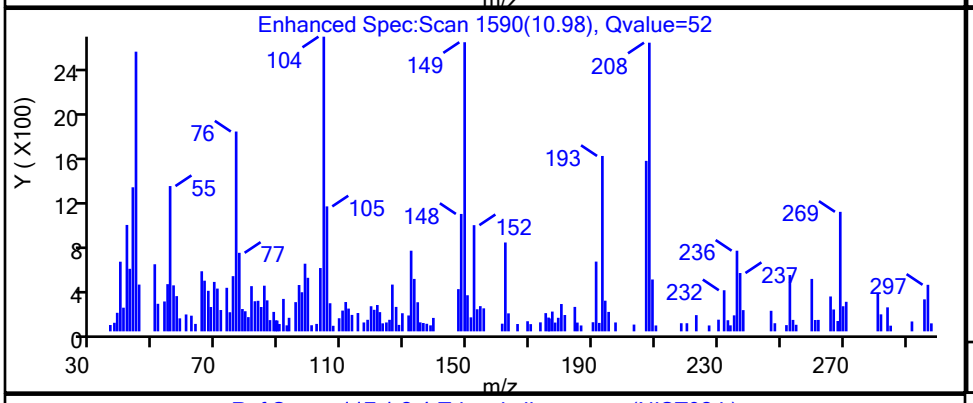
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

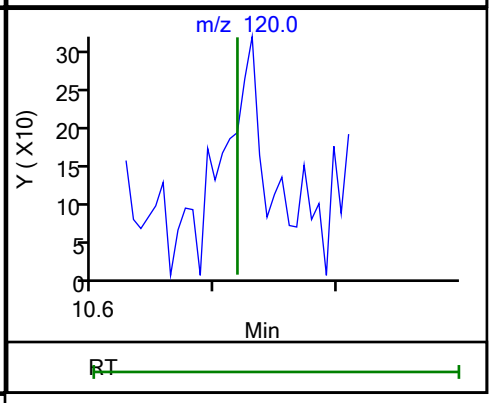
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

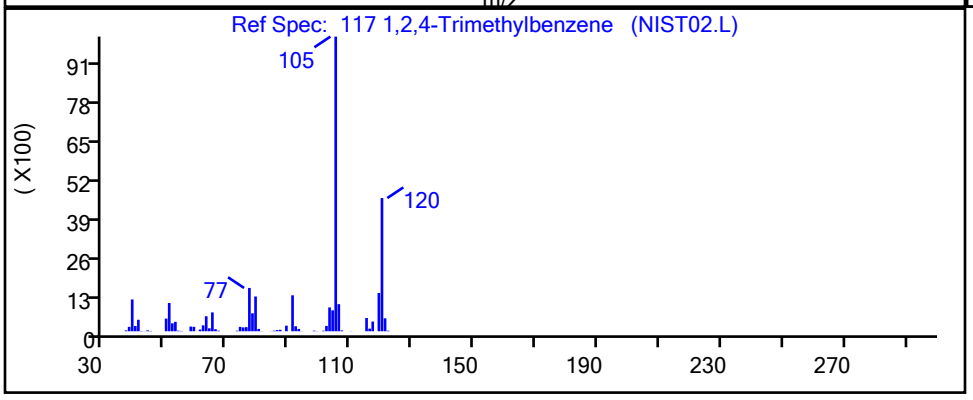
Processing Results











RT	Mass	Response	Amount
10.98	105.00	632	0.020919
10.97	120.00	284	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

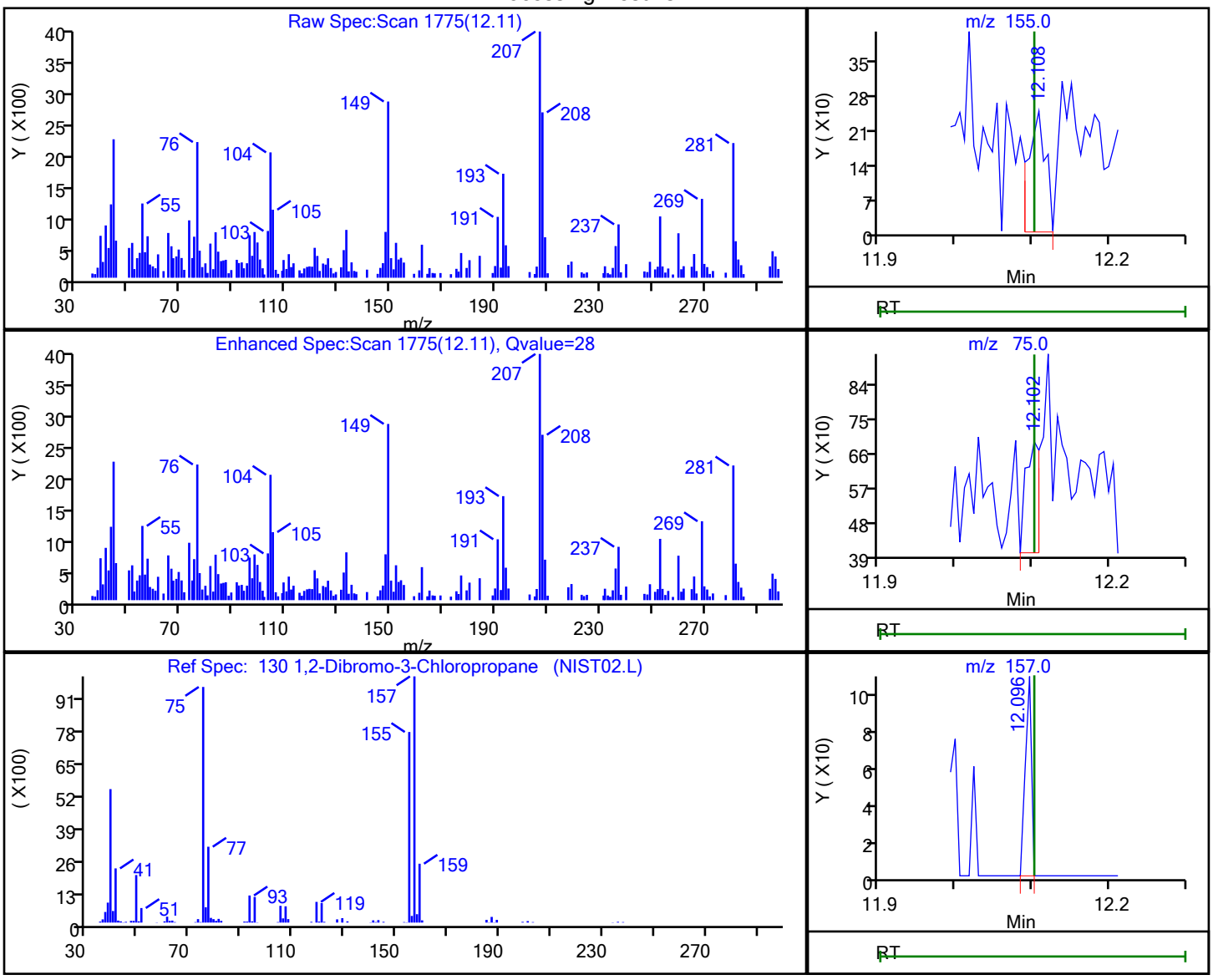
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
12.11	155.00	376	1.125135
12.10	75.00	368	
12.10	157.00	57	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

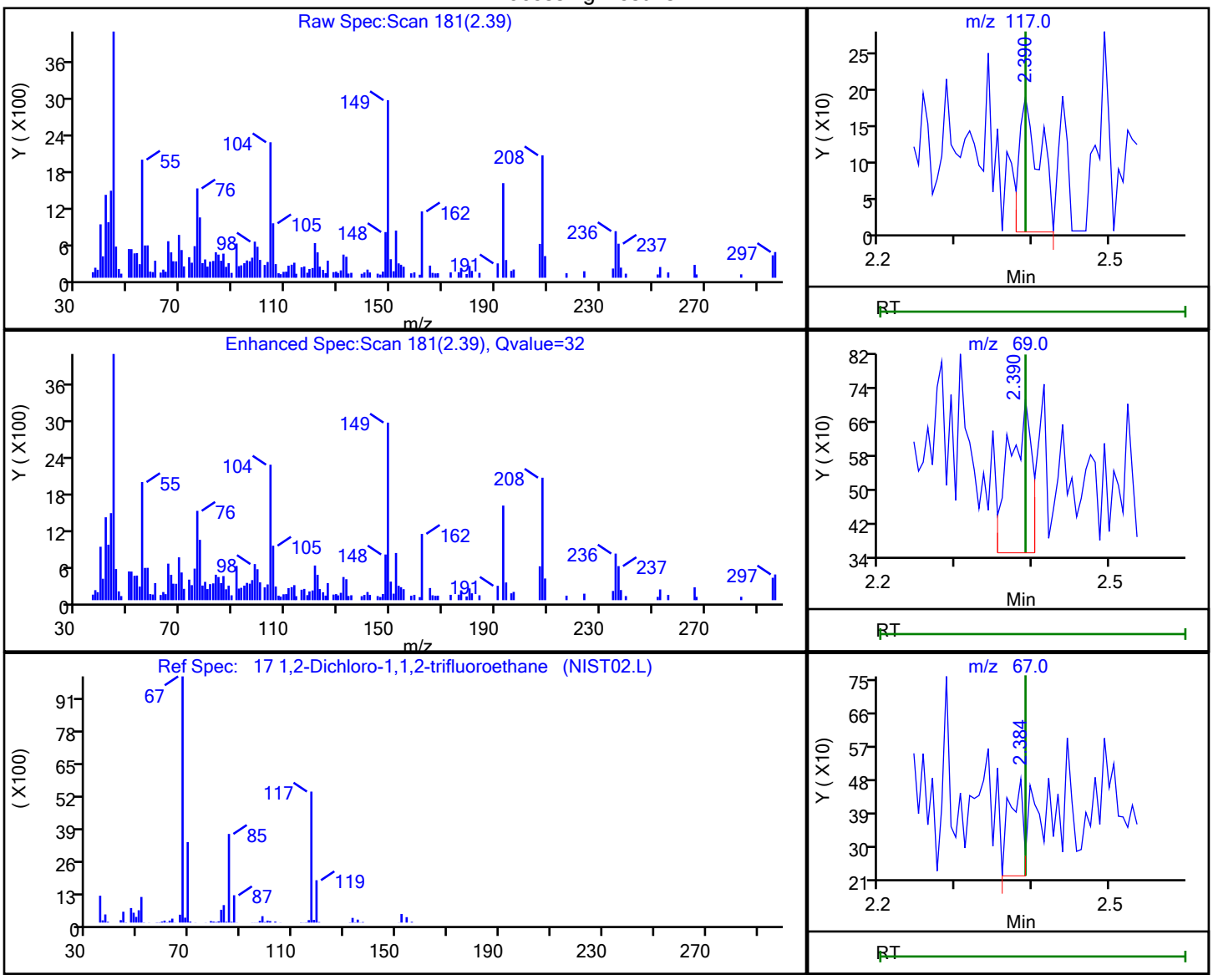
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.39	117.00	344	0.096047
2.39	69.00	744	
2.38	67.00	324	
2.40	119.00	328	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

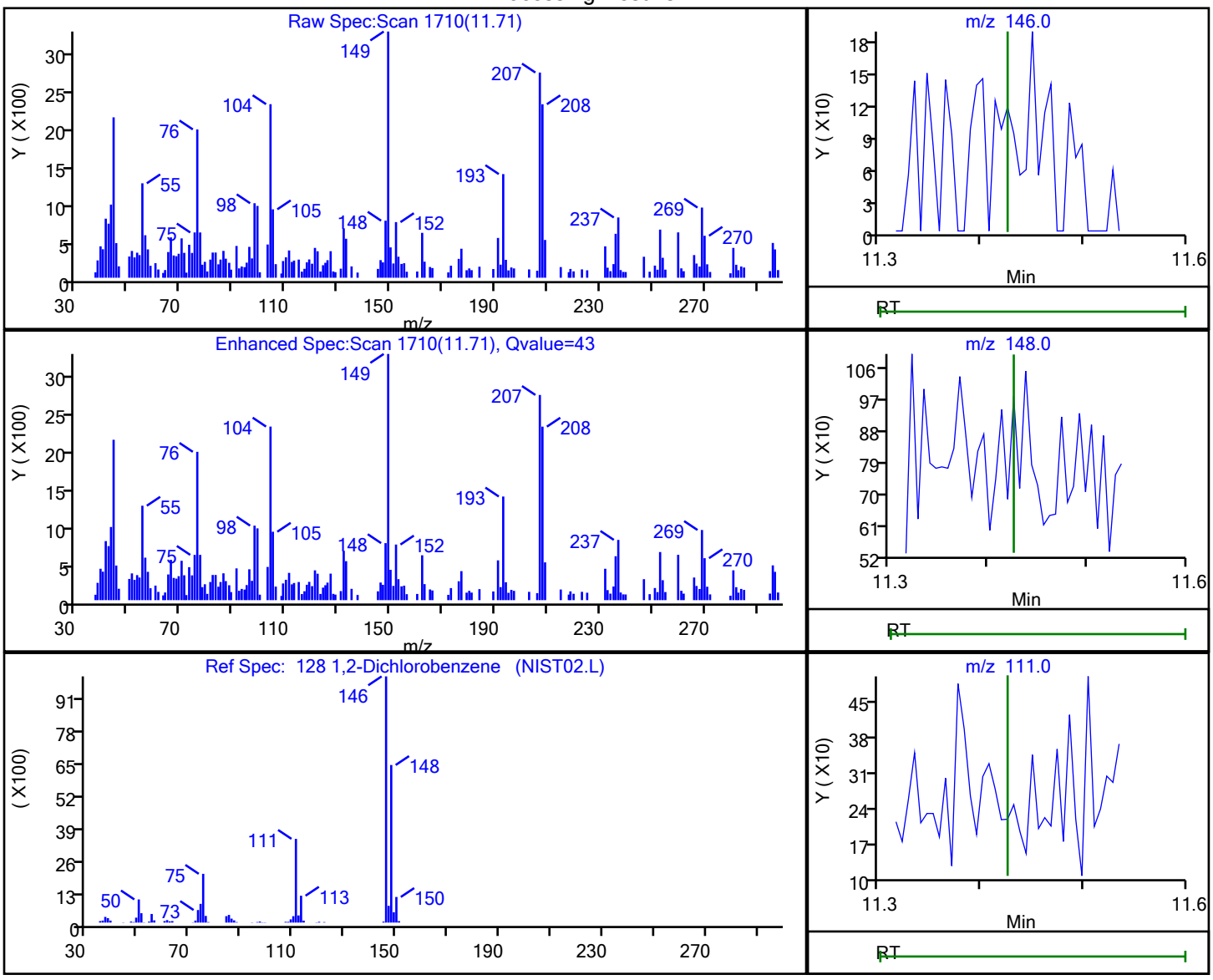
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.71	146.00	238	0.035965
11.71	148.00	349	
11.71	111.00	242	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

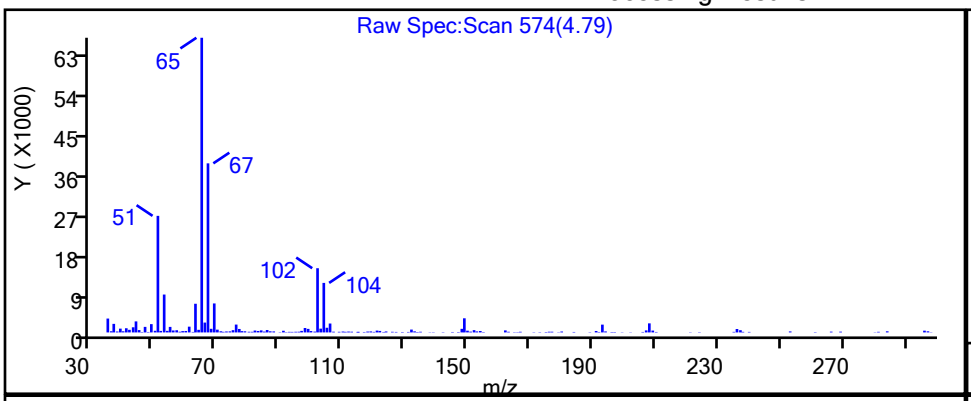
User Disabled Compound Report

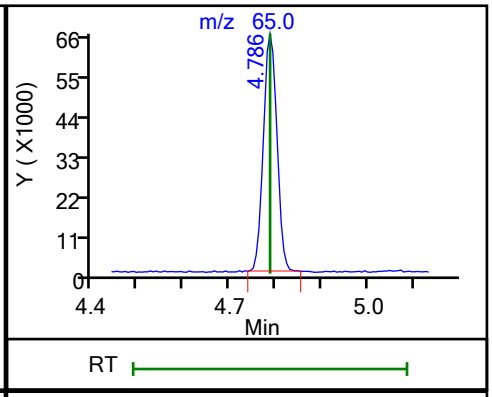
Eurofins Edison

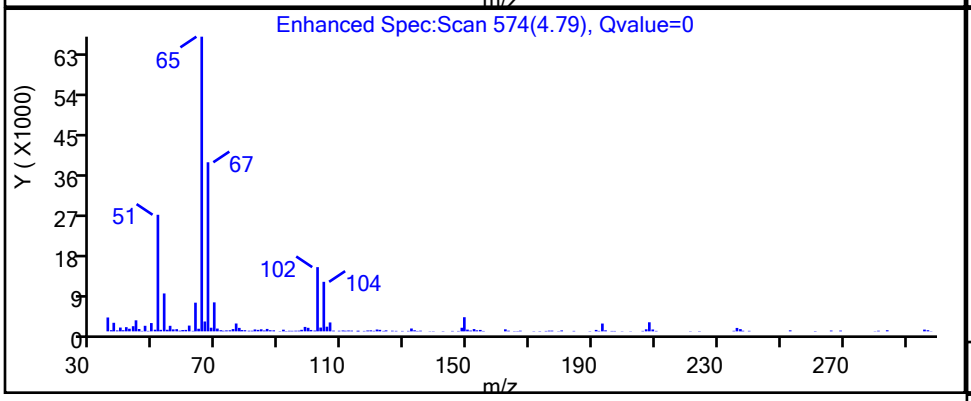
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

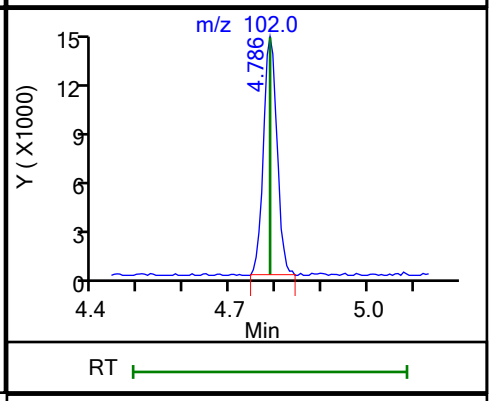
$ 61 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

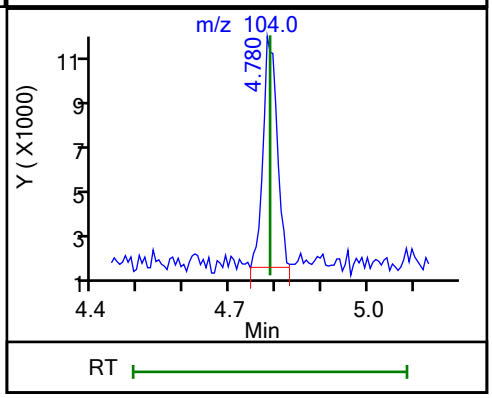
Processing Results











RT	Mass	Response	Amount
4.79	65.00	137286	43.067755
4.79	102.00	29871	
4.78	104.00	20934	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

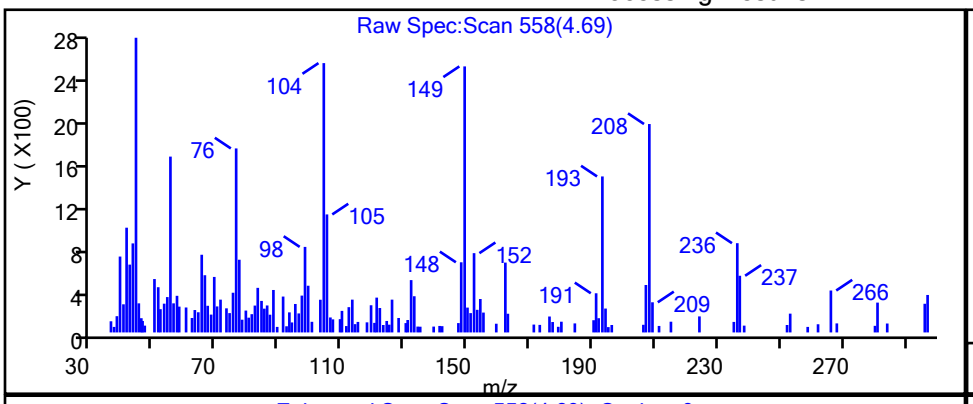
User Disabled Compound Report

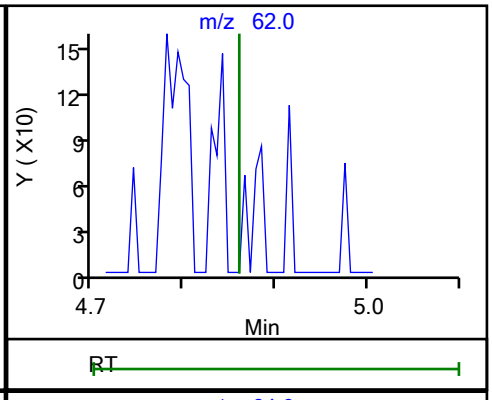
Eurofins Edison

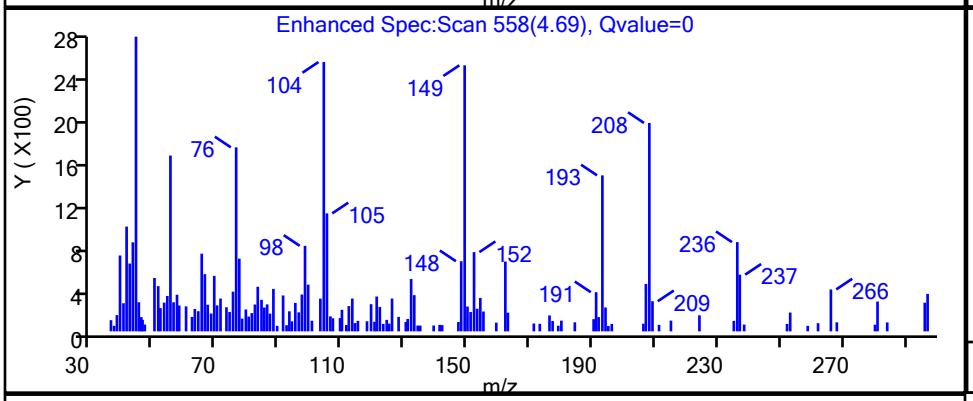
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

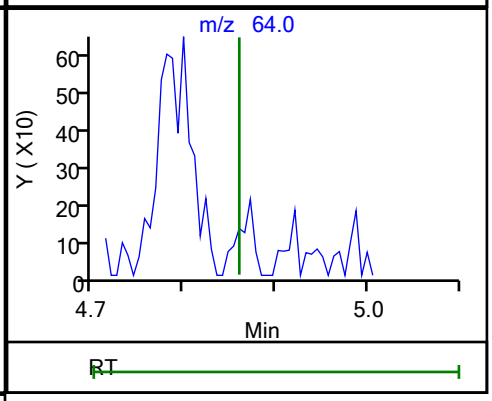
64 1,2-Dichloroethane, CAS: 107-06-2

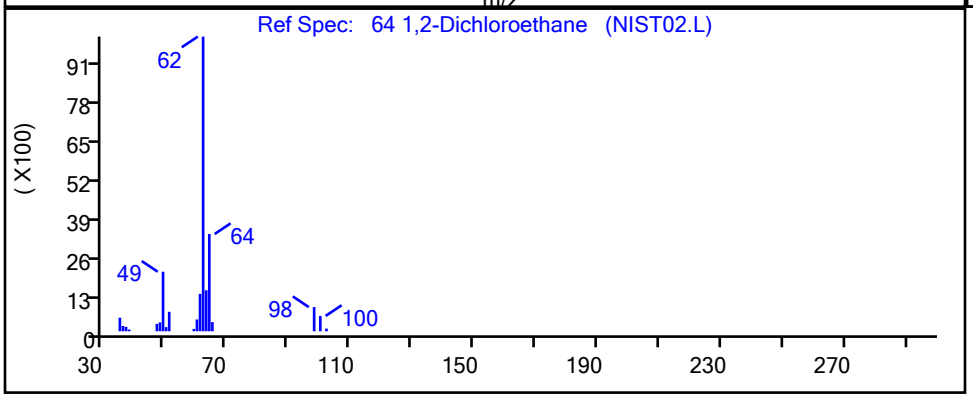
Processing Results











RT	Mass	Response	Amount
4.69	62.00	181	0.046647
4.69	64.00	267	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

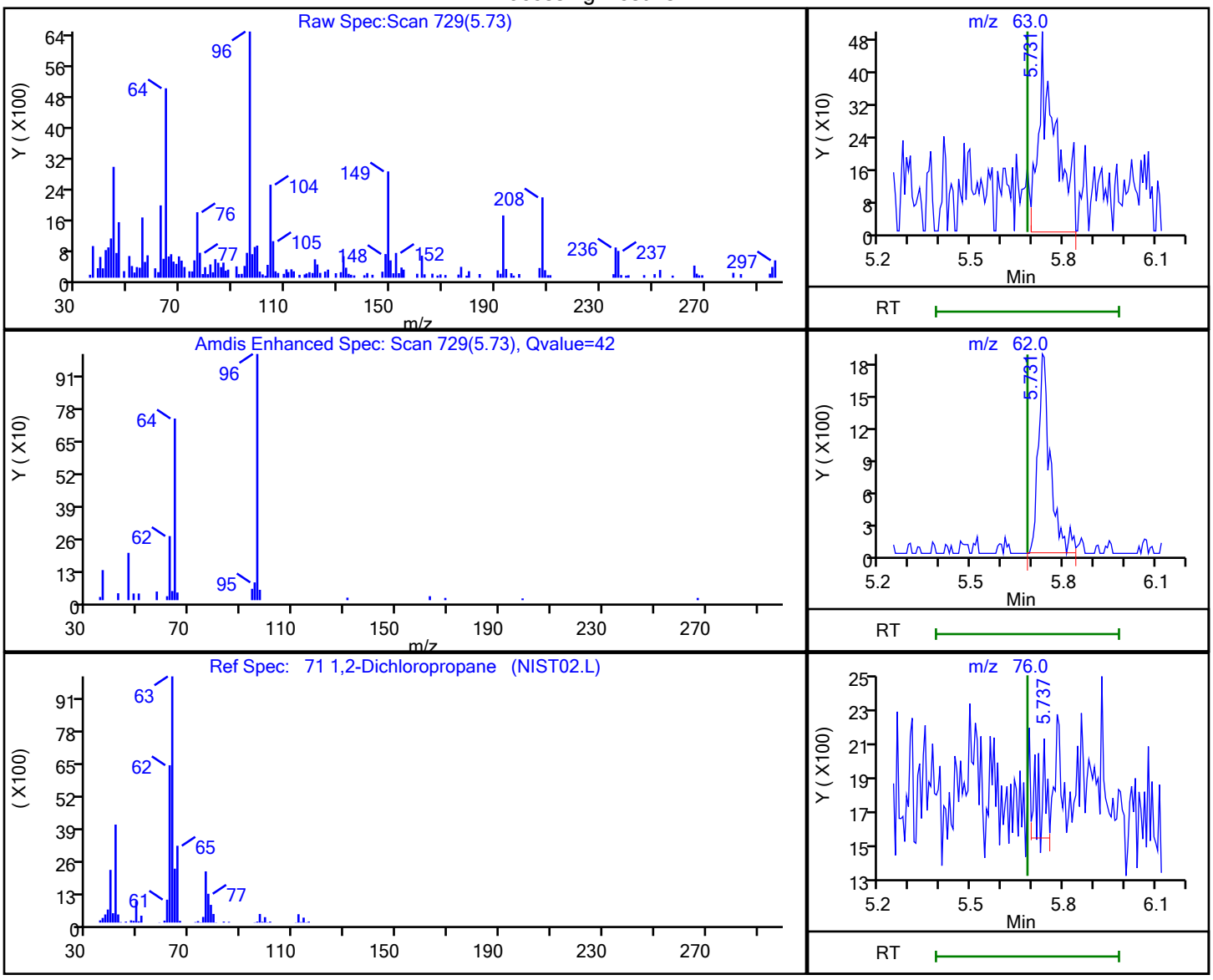
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.73	63.00	1890	0.644640
5.73	62.00	5186	
5.74	76.00	814	
5.81	112.00	507	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

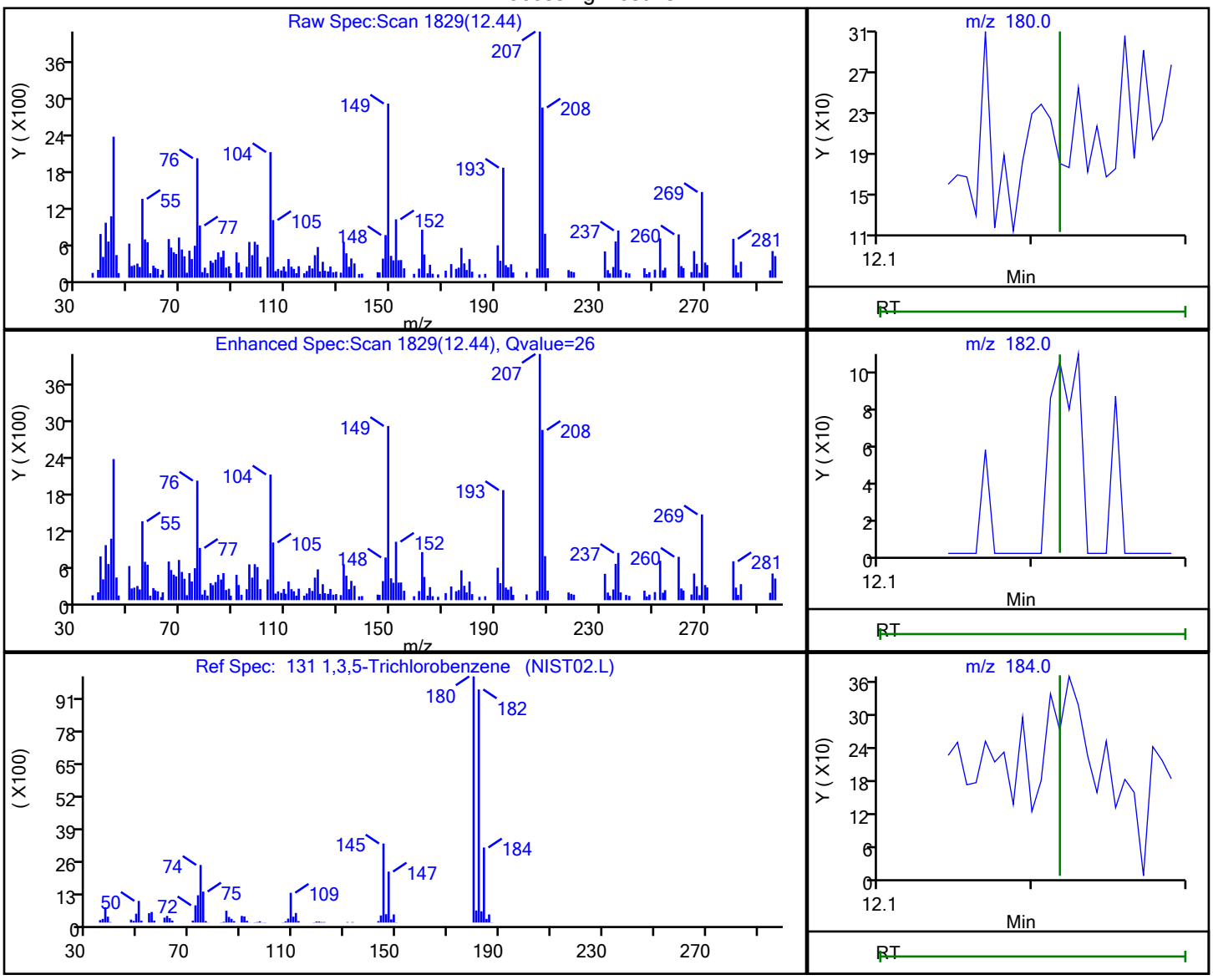
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.44	180.00	134	0.022091
12.43	182.00	77	
12.45	184.00	148	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

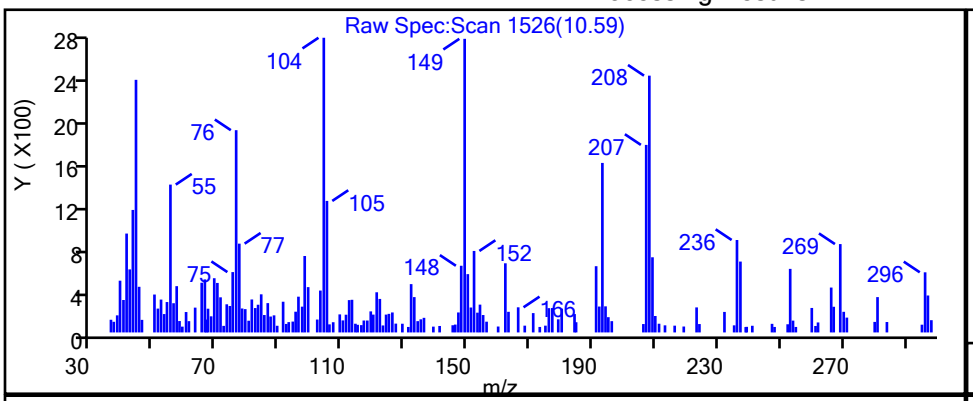
User Disabled Compound Report

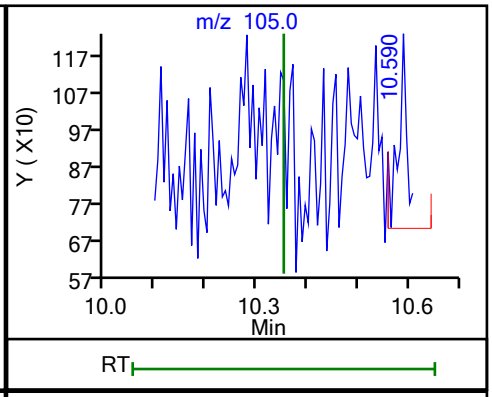
Eurofins Edison

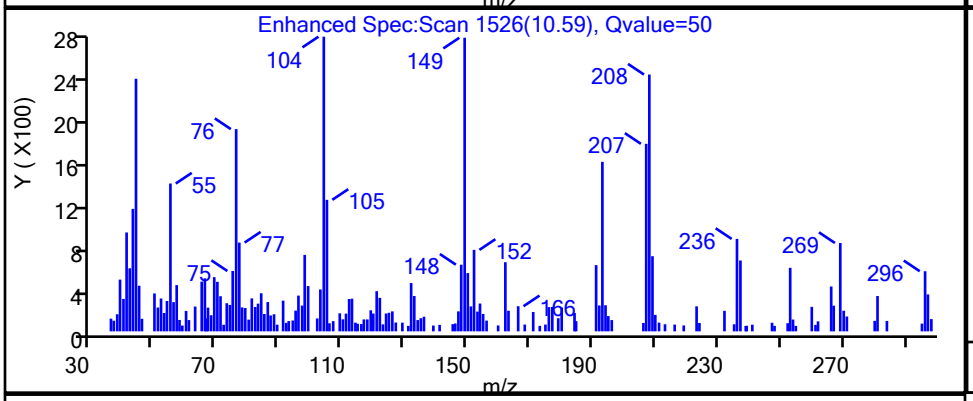
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

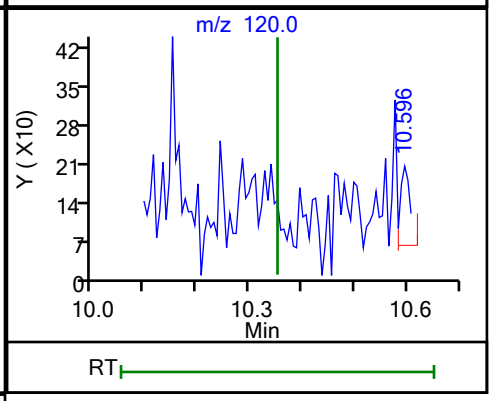
113 1,3,5-Trimethylbenzene, CAS: 108-67-8

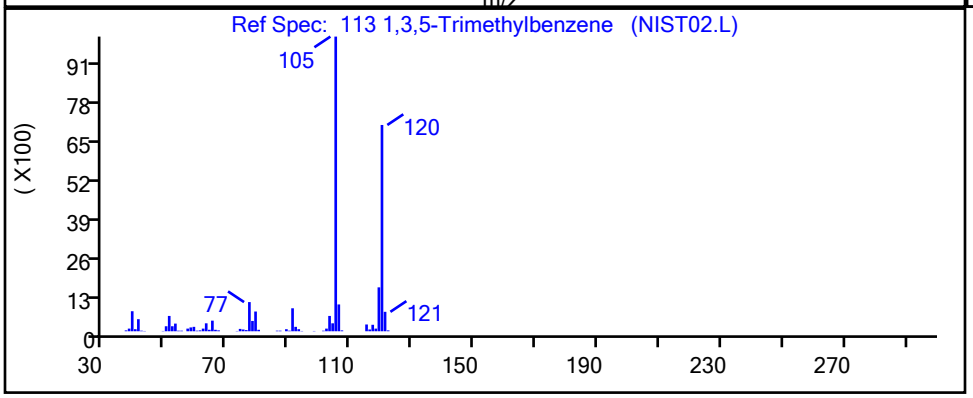
Processing Results











RT	Mass	Response	Amount
10.59	105.00	629	0.036669
10.60	120.00	212	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

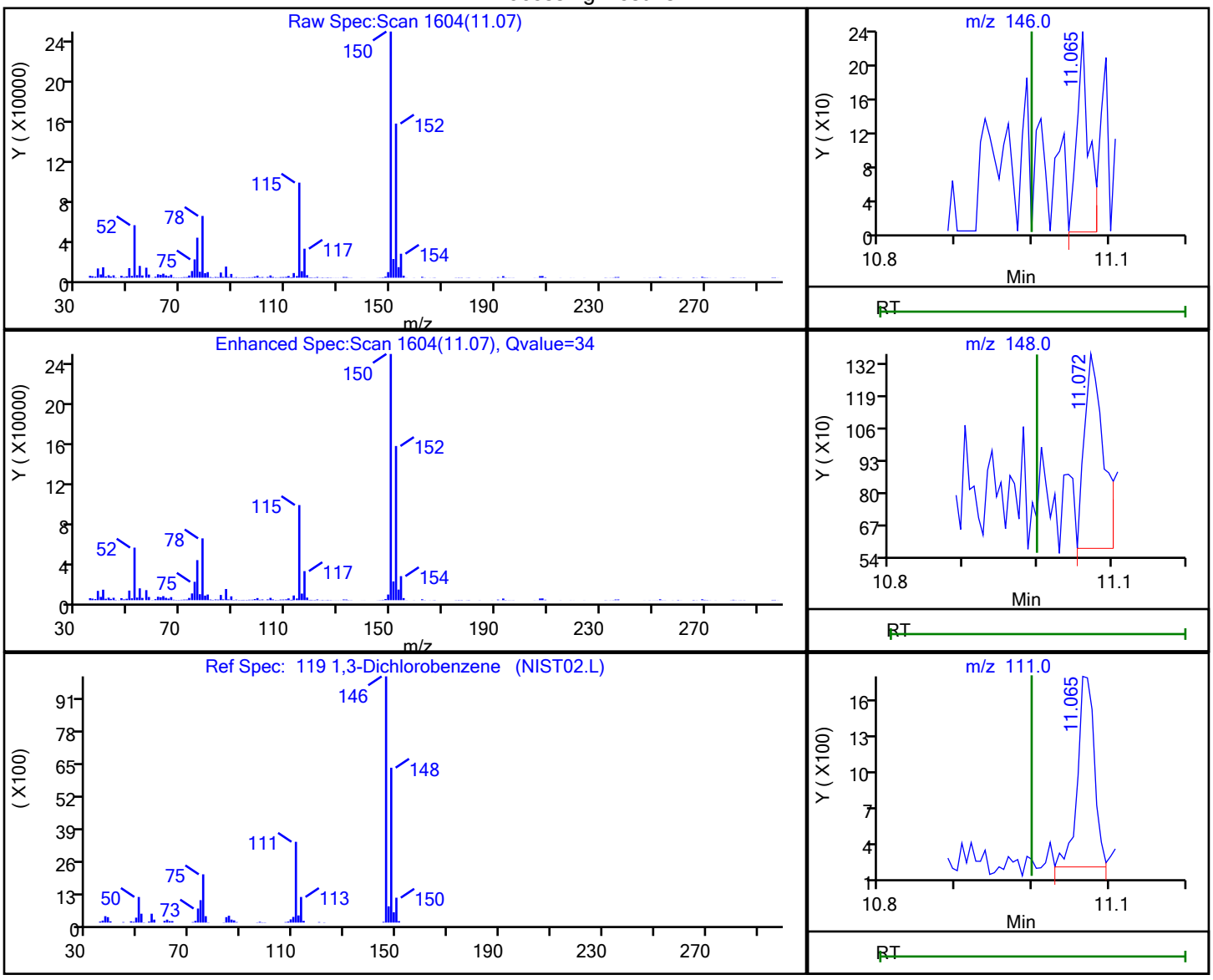
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.07	146.00	252	0.035959
11.07	148.00	1406	
11.07	111.00	2367	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

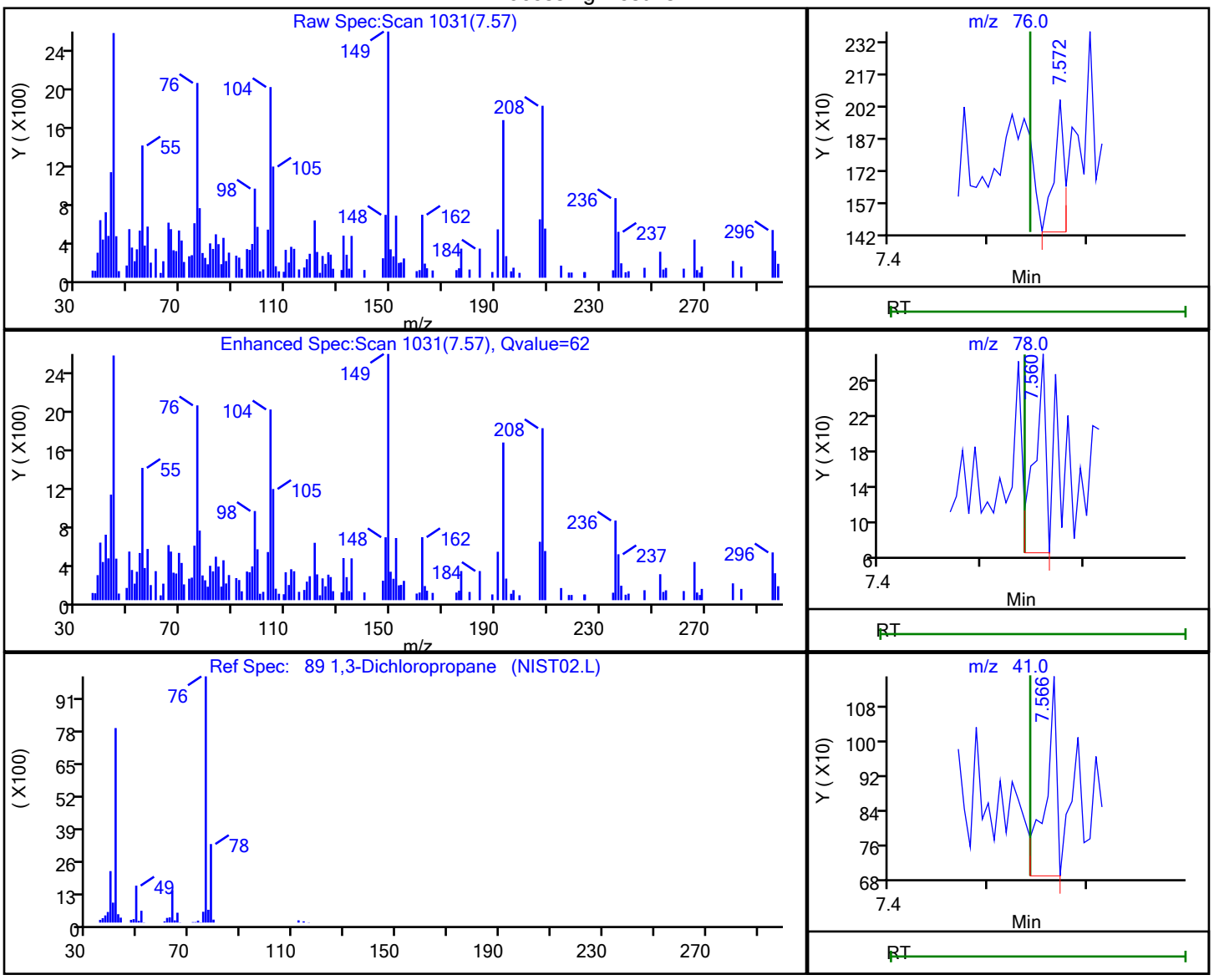
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.57	76.00	444	0.146304
7.56	78.00	168	
7.57	41.00	358	

Reviewer: FK2C, 09-May-2024 09:07:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

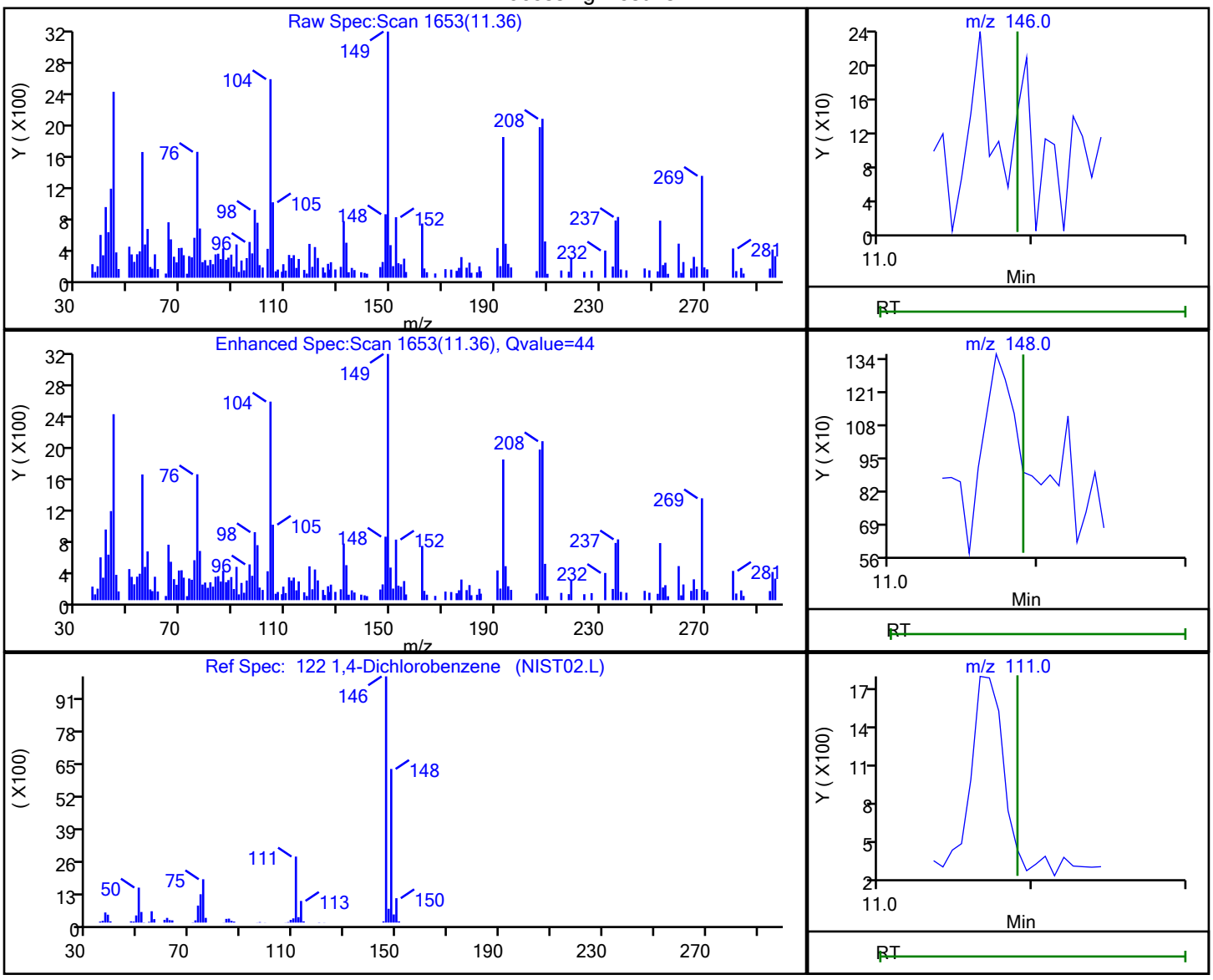
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.36	146.00	83	0.011697
11.37	148.00	276	
11.38	111.00	297	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

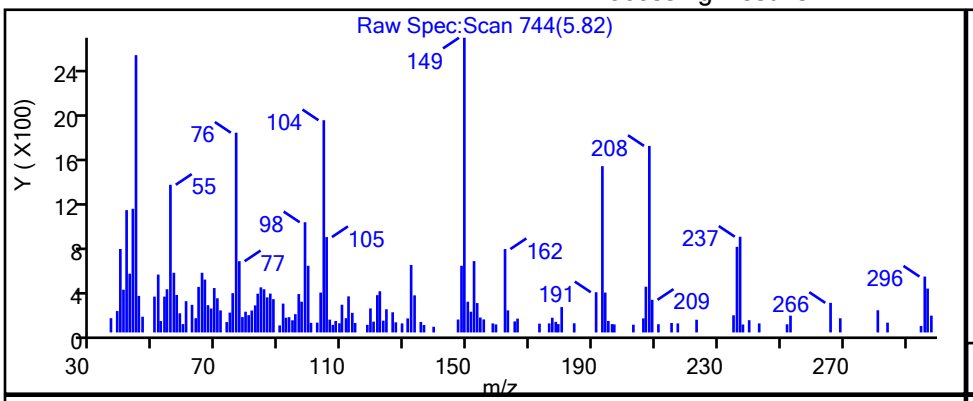
User Disabled Compound Report

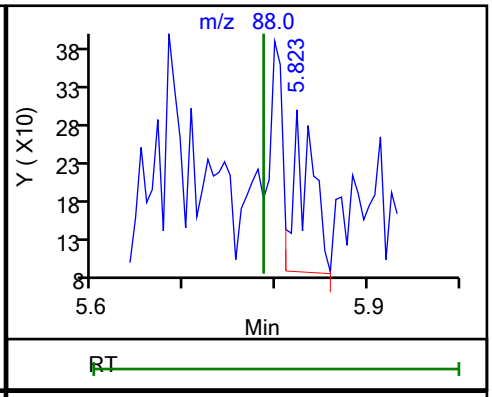
Eurofins Edison

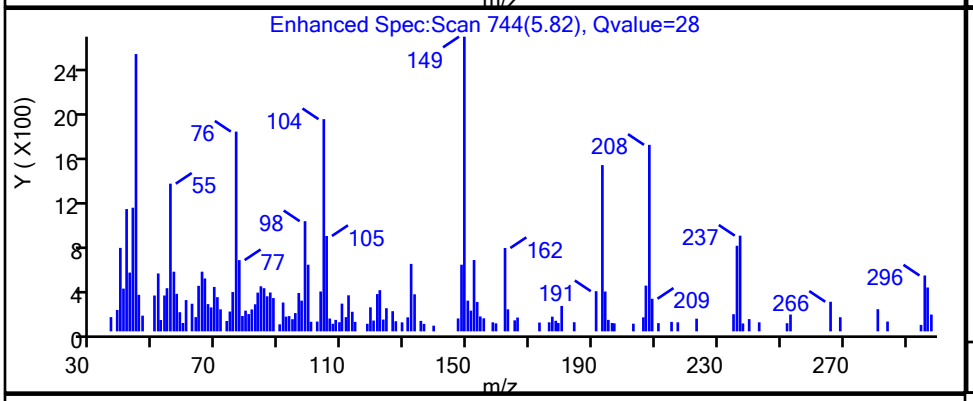
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

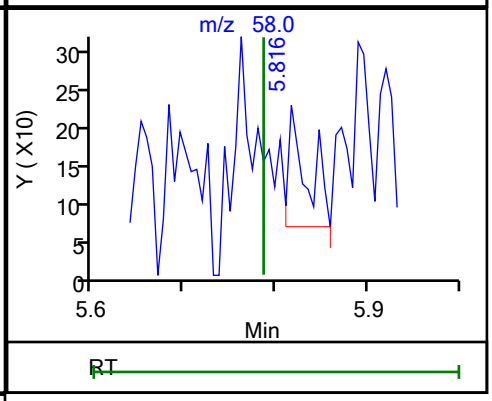
75 1,4-Dioxane, CAS: 123-91-1

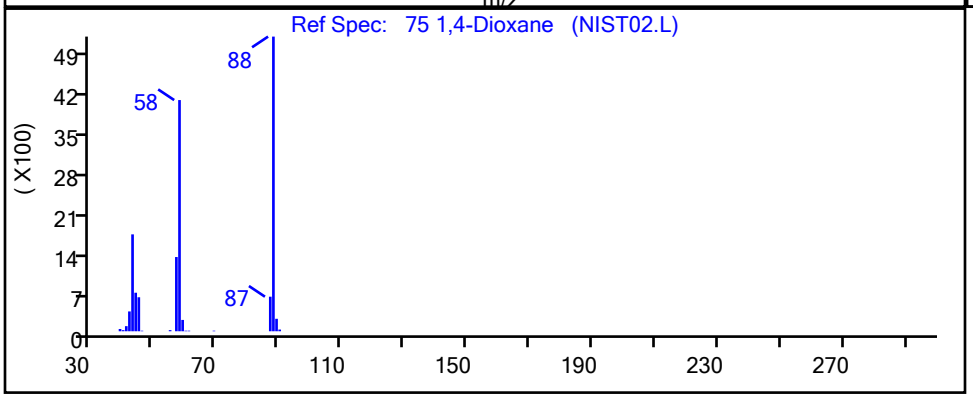
Processing Results











RT	Mass	Response	Amount
5.82	88.00	311	18.139491
5.82	58.00	223	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

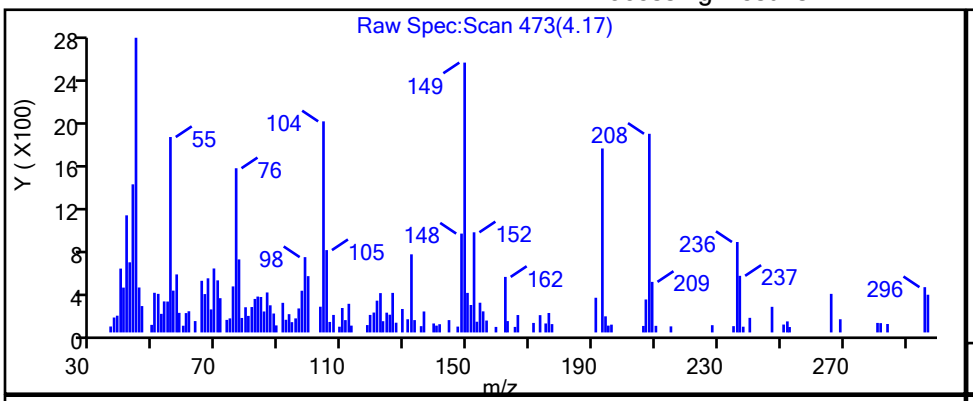
User Disabled Compound Report

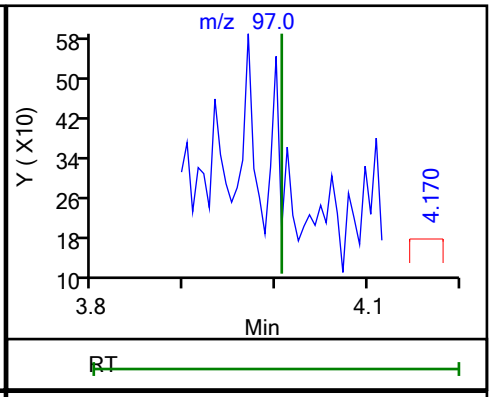
Eurofins Edison

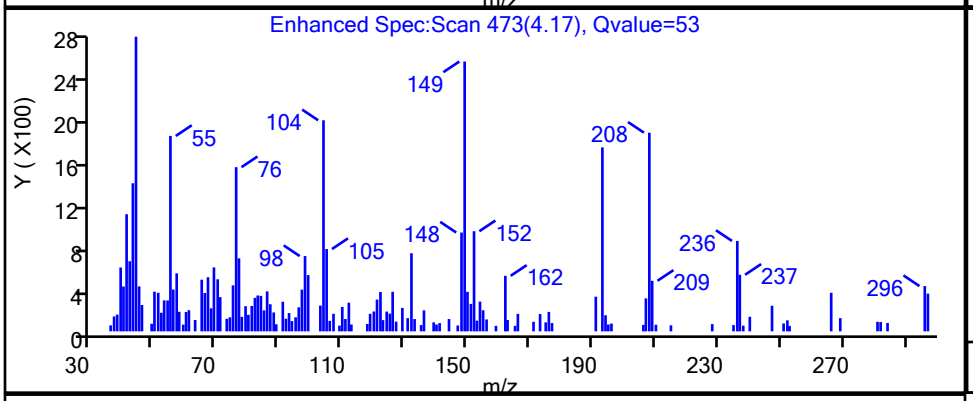
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

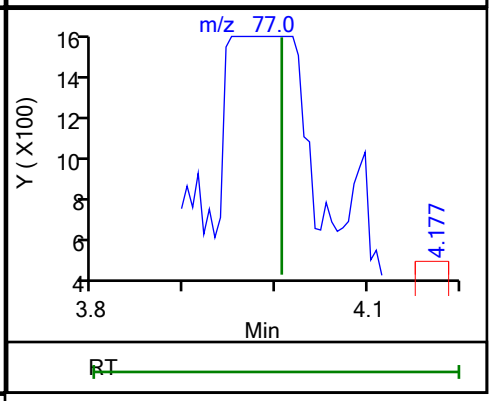
43 2,2-Dichloropropane, CAS: 594-20-7

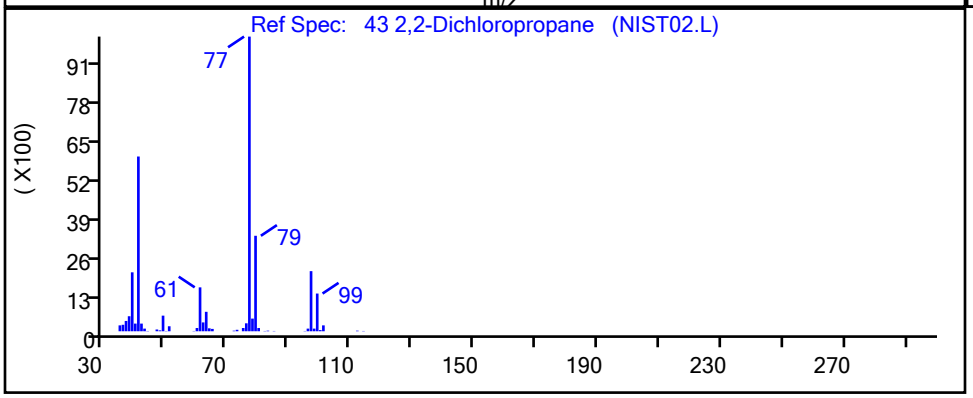
Processing Results











RT	Mass	Response	Amount
4.17	97.00	325	0.252899
4.18	77.00	701	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

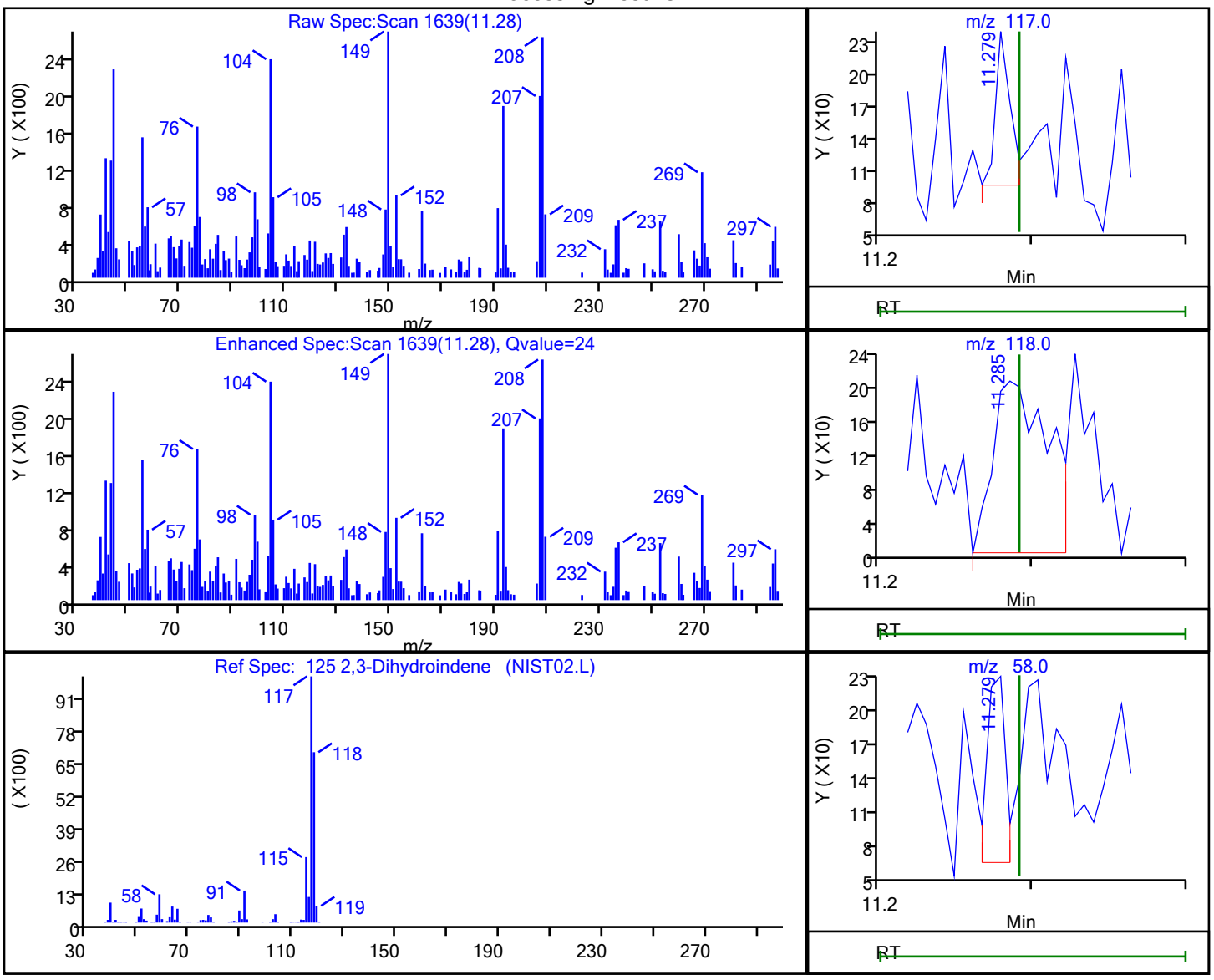
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.28	117.00	98	0.006919
11.28	118.00	520	
11.28	58.00	137	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

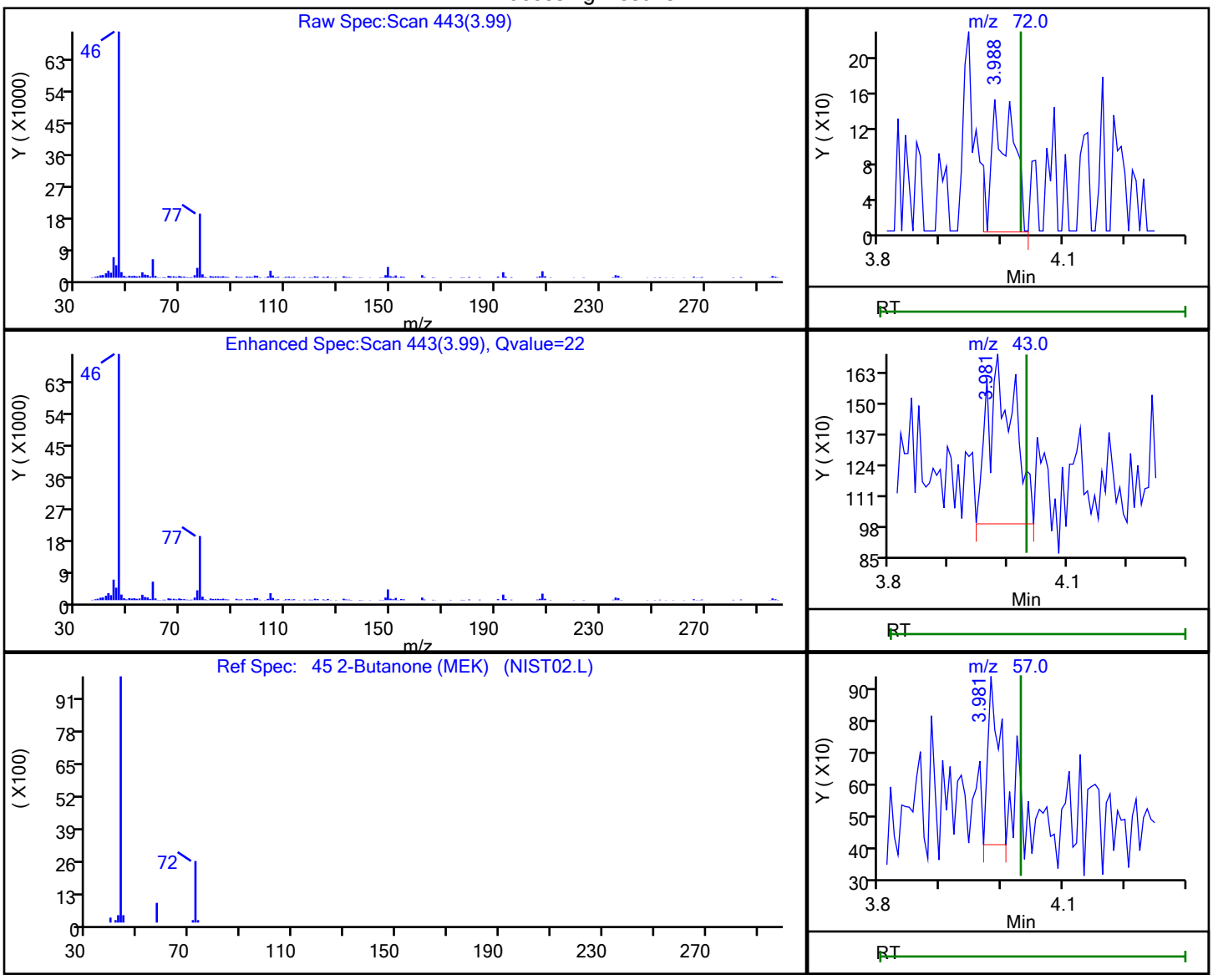
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.99	72.00	366	1.744502
3.98	43.00	2232	
3.98	57.00	684	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

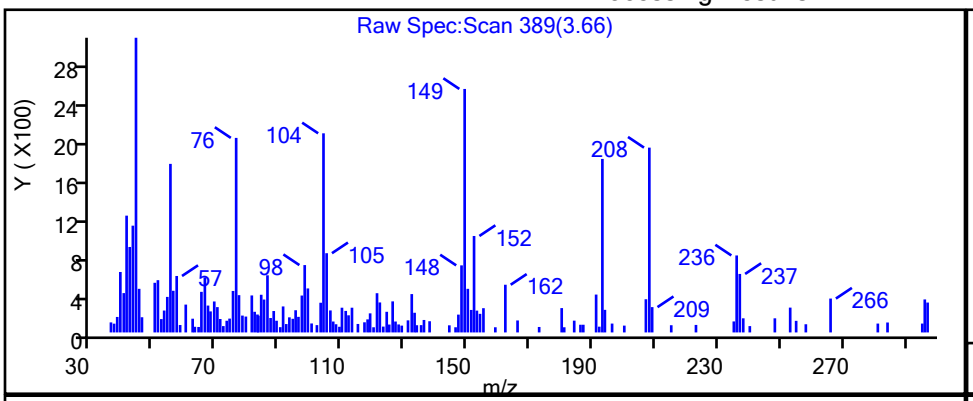
User Disabled Compound Report

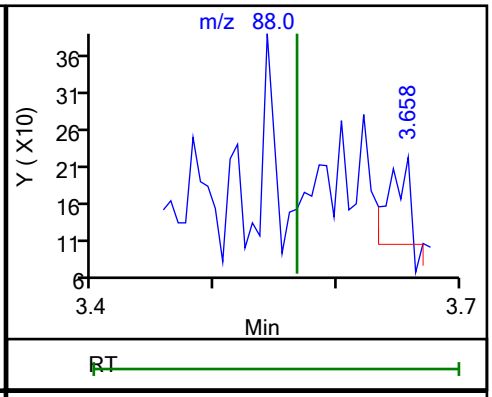
Eurofins Edison

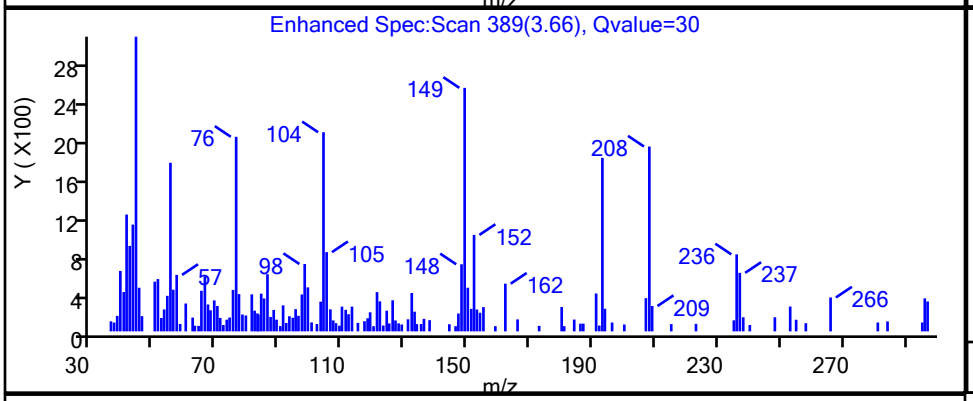
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

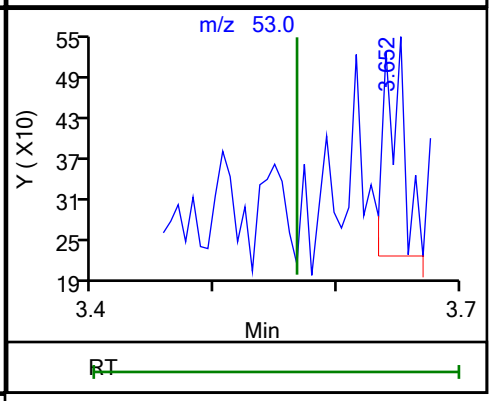
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

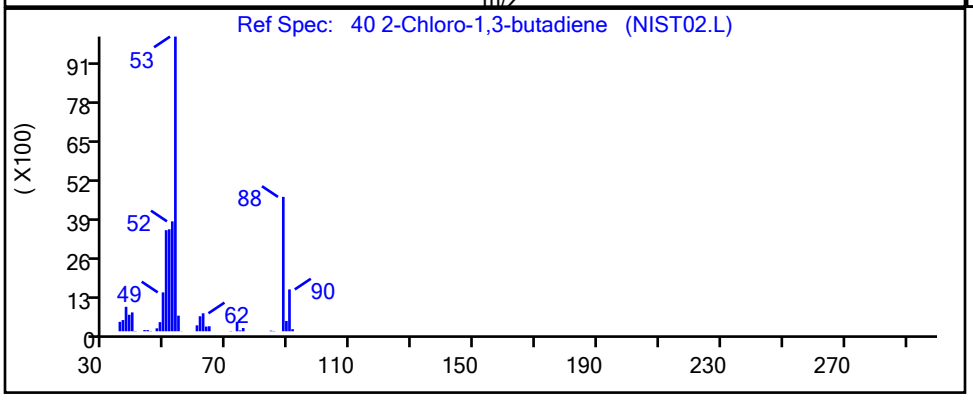
Processing Results











RT	Mass	Response	Amount
3.66	88.00	121	0.039312
3.65	53.00	342	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

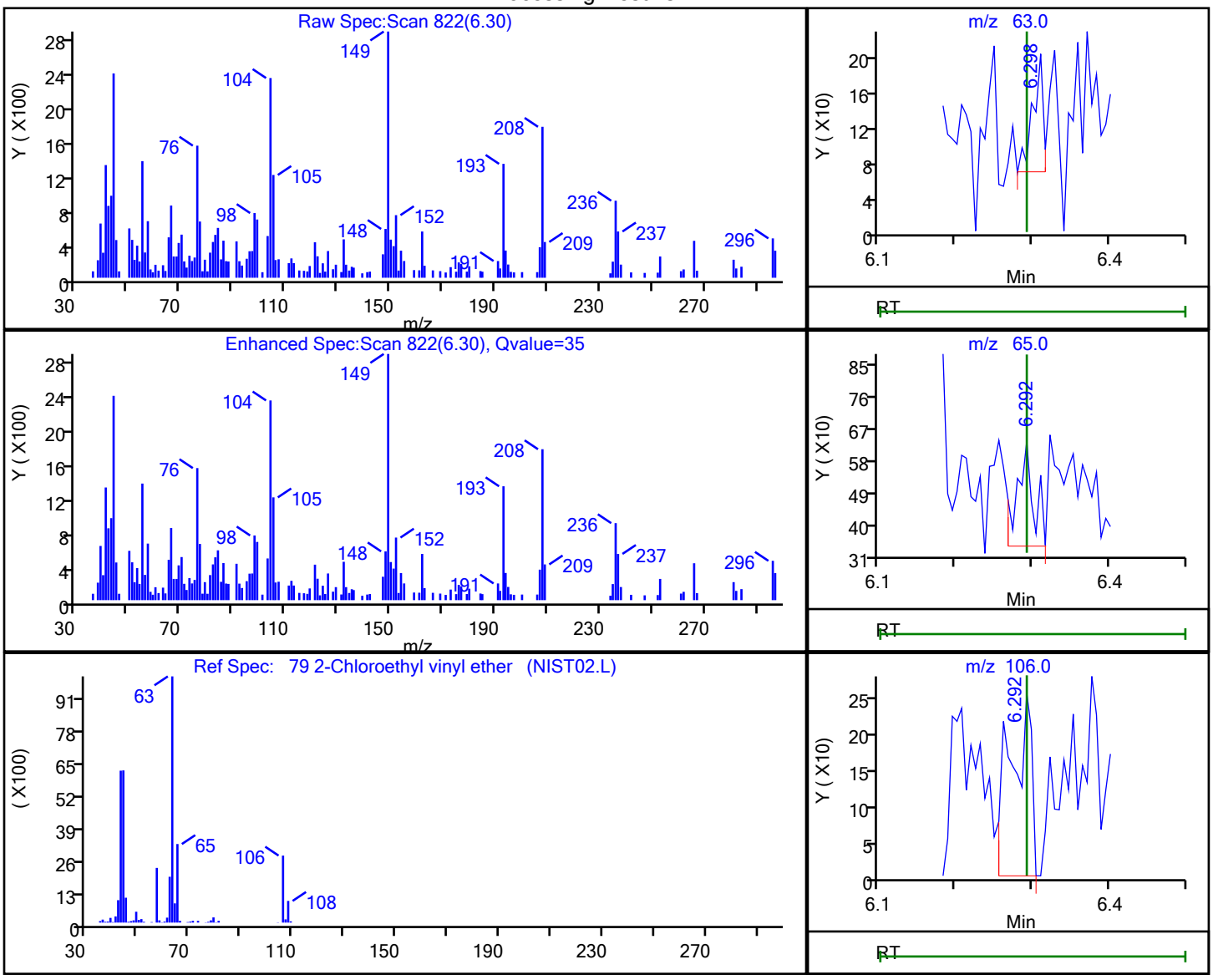
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.30	63.00	126	0.108777
6.29	65.00	427	
6.29	106.00	482	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

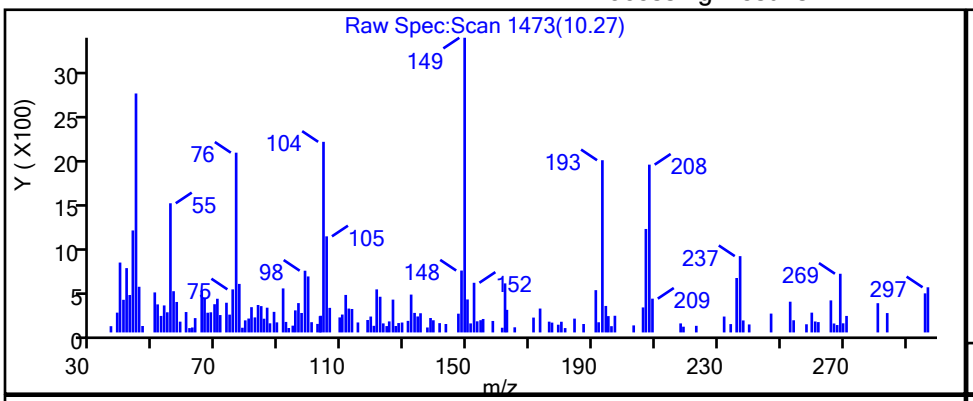
User Disabled Compound Report

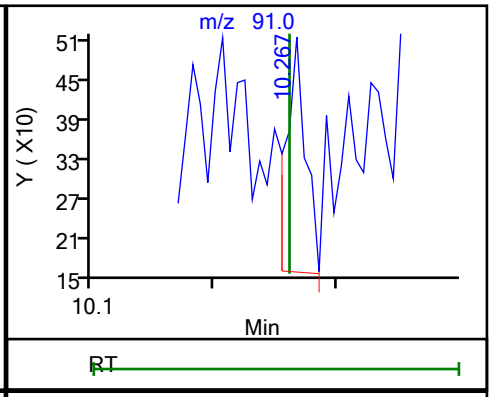
Eurofins Edison

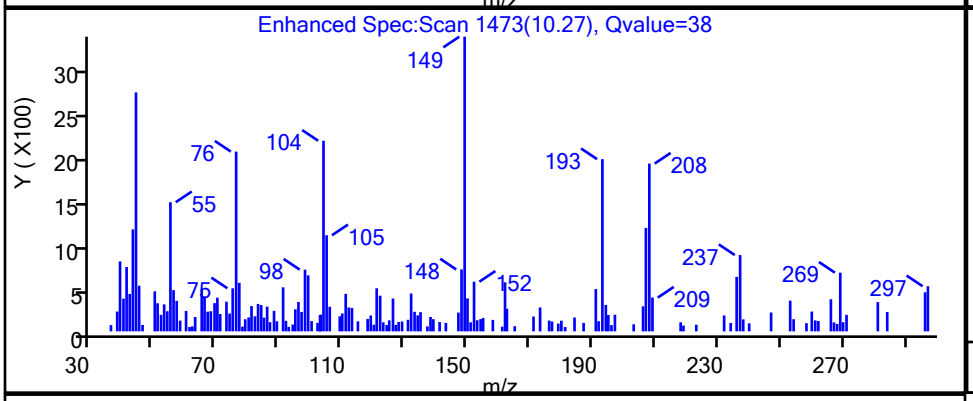
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

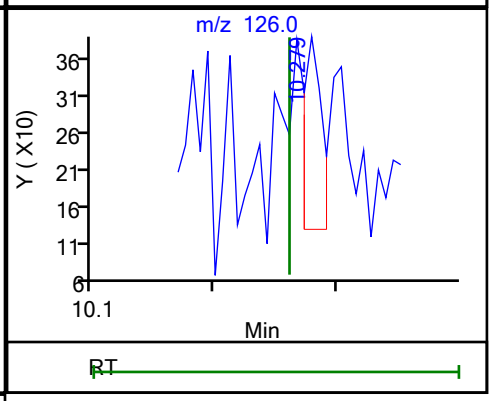
111 2-Chlorotoluene, CAS: 95-49-8

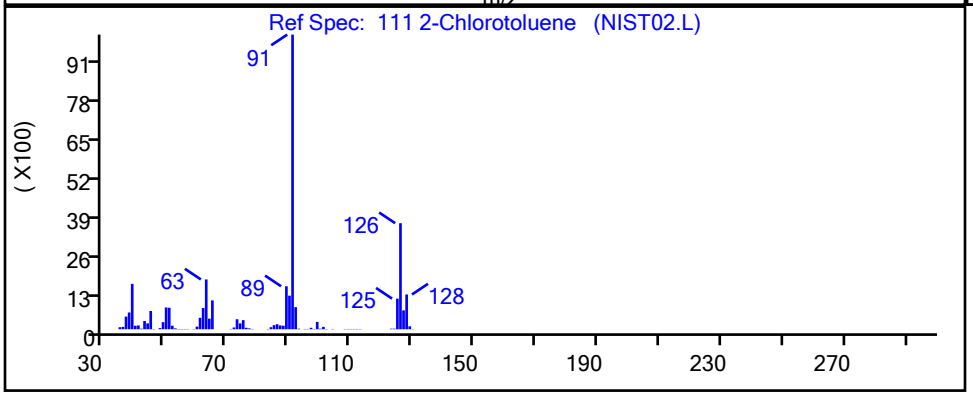
Processing Results











RT	Mass	Response	Amount
10.27	91.00	385	0.029764
10.28	126.00	265	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

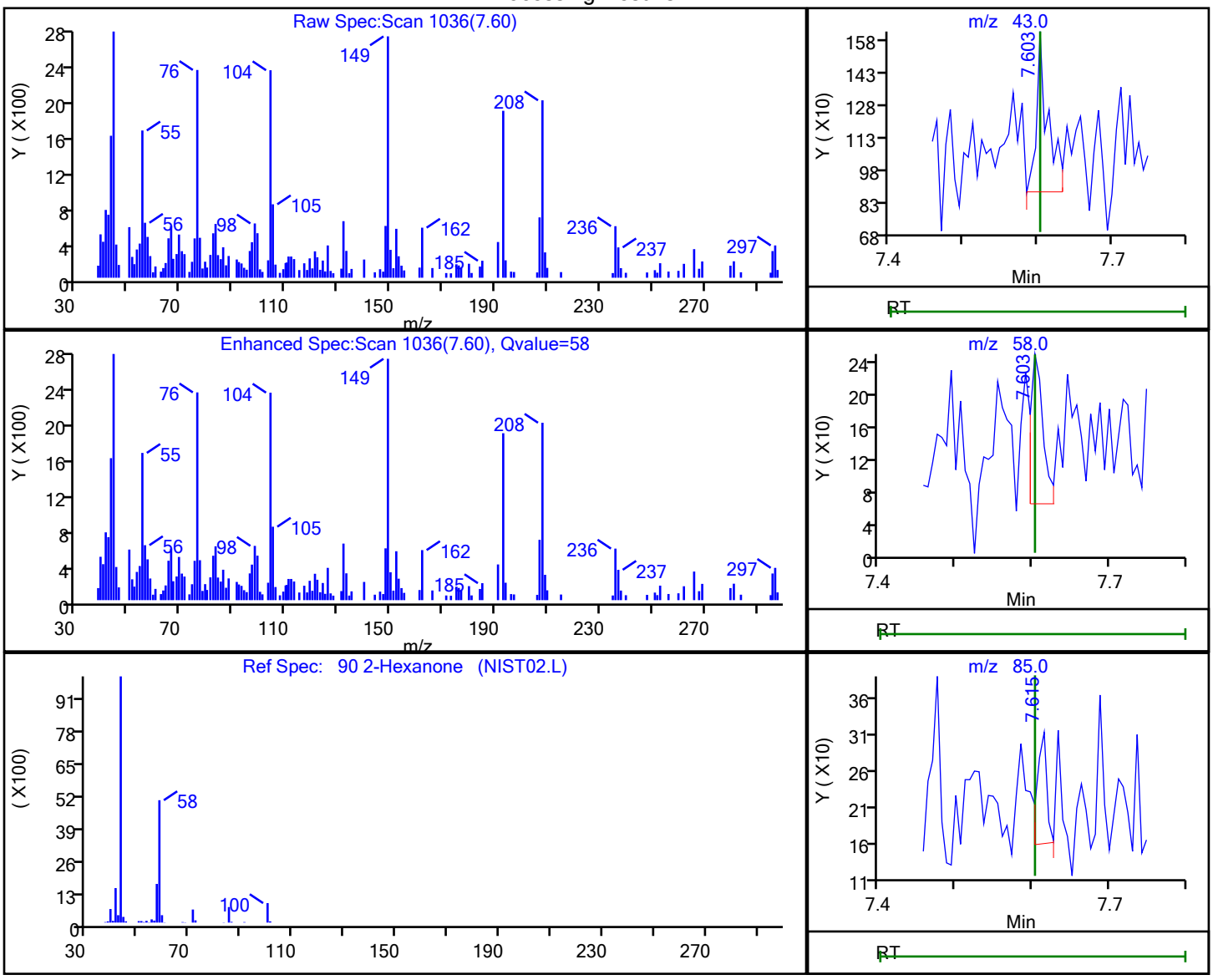
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.60	43.00	814	0.744592
7.60	58.00	213	
7.61	85.00	134	
7.61	100.00	185	

Reviewer: FK2C, 09-May-2024 09:07:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

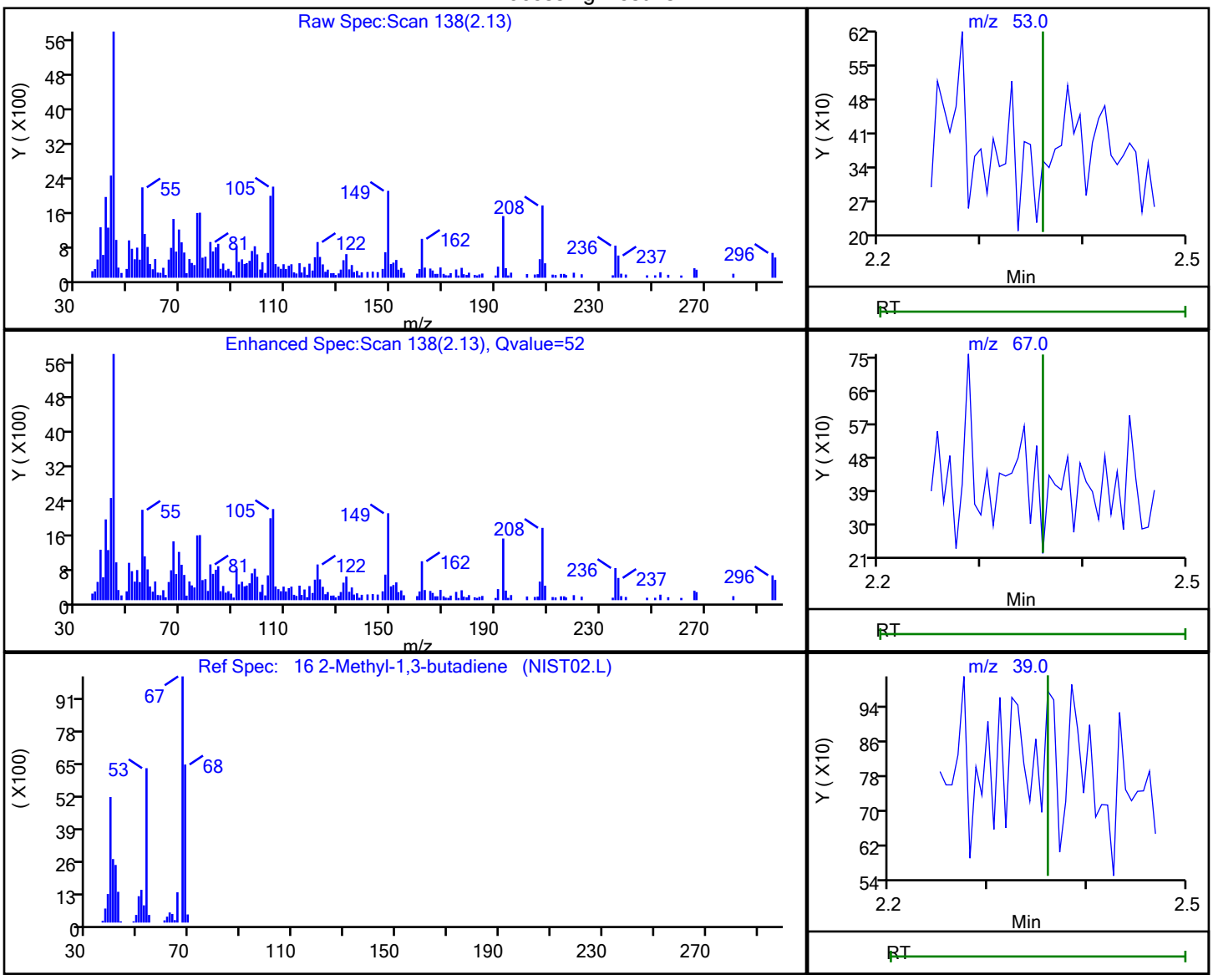
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.13	53.00	593	0.208877
2.14	67.00	2074	
2.13	39.00	1890	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

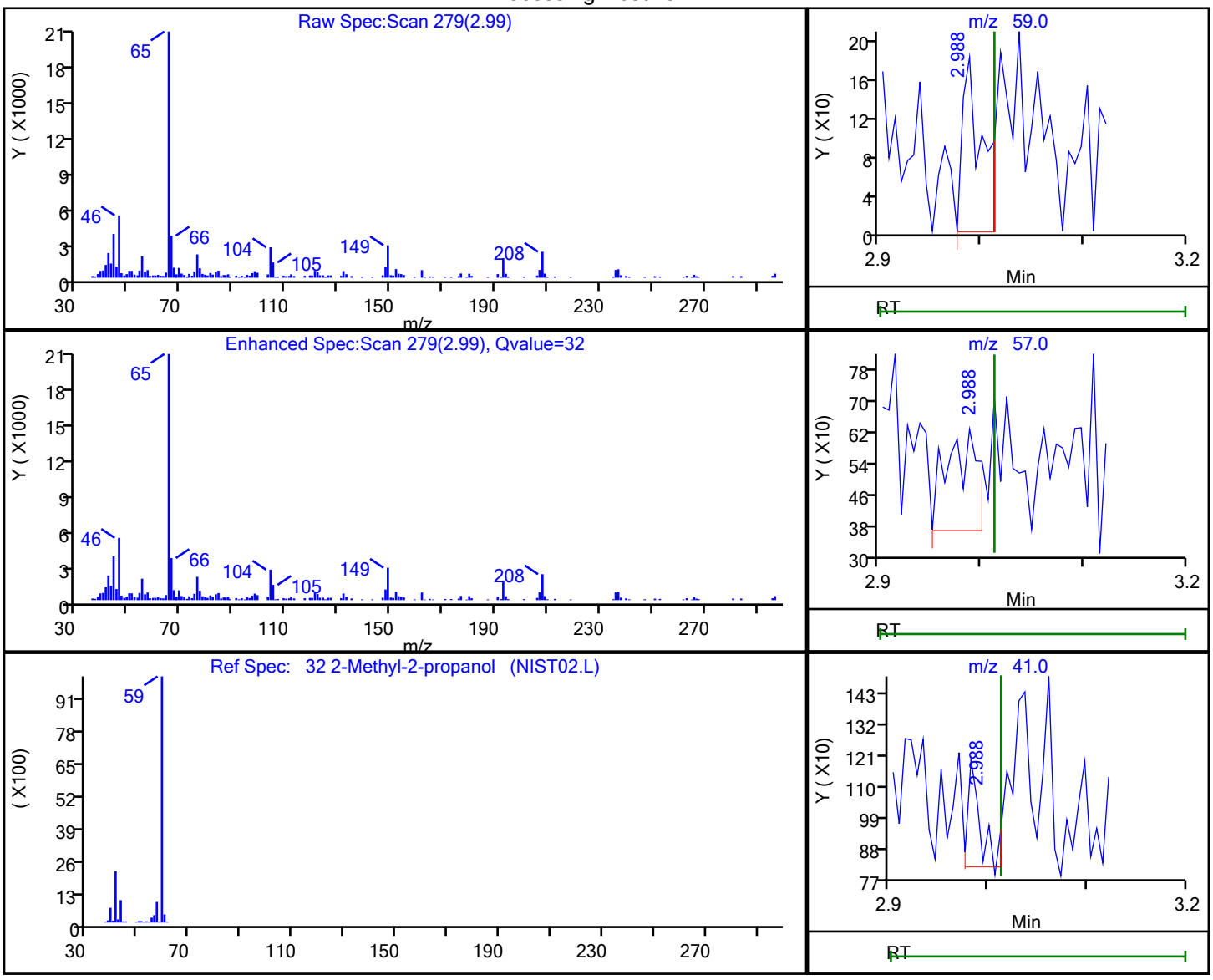
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.99	59.00	245	1.280909
2.99	57.00	537	
2.99	41.00	344	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

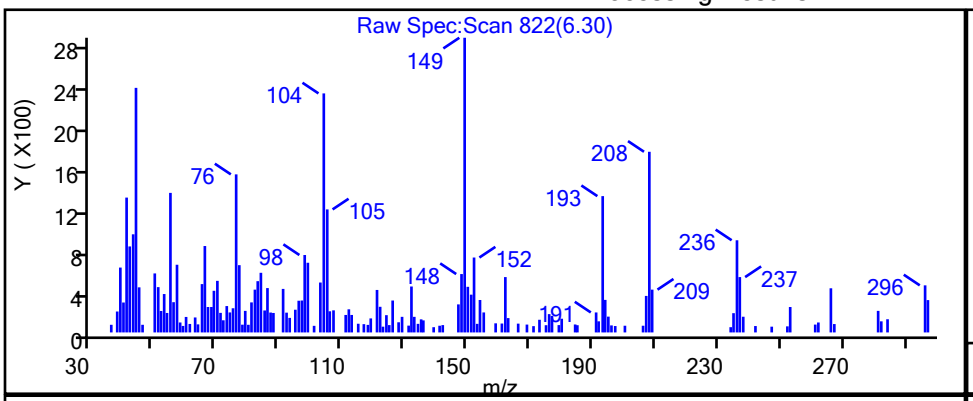
User Disabled Compound Report

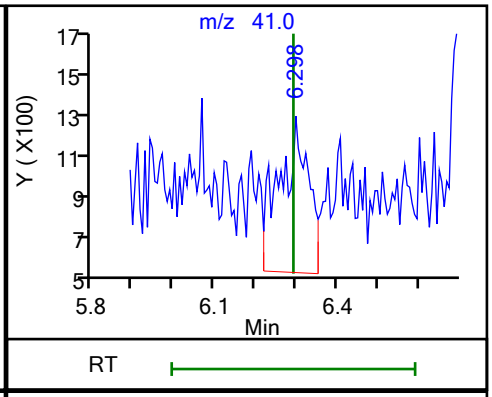
Eurofins Edison

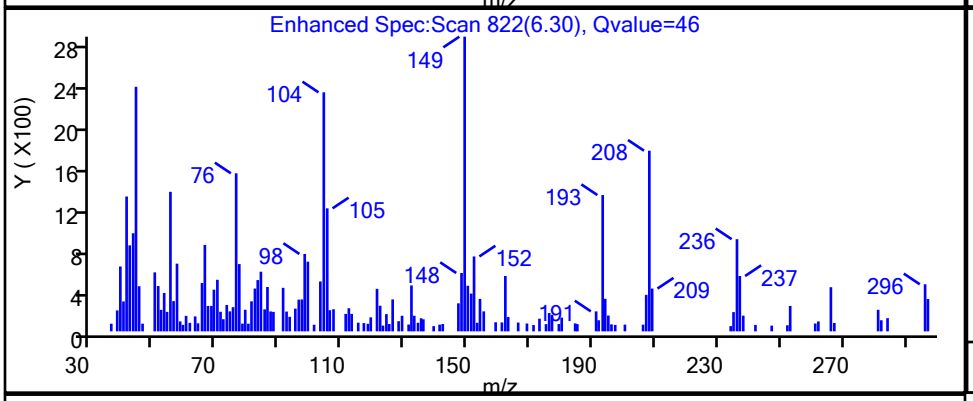
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

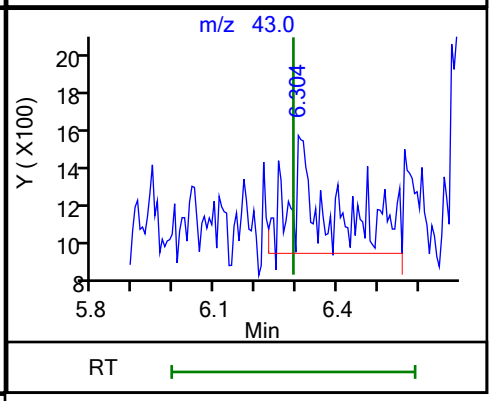
78 2-Nitropropane, CAS: 79-46-9

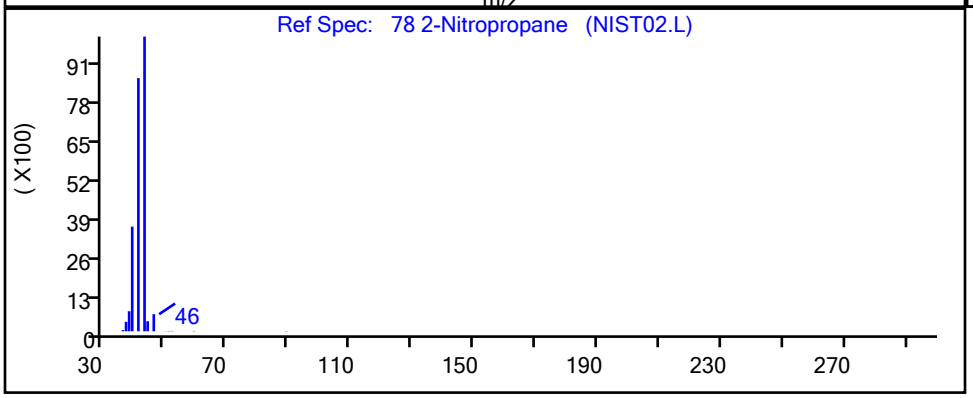
Processing Results











RT	Mass	Response	Amount
6.30	41.00	3760	4.788081
6.30	43.00	4408	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

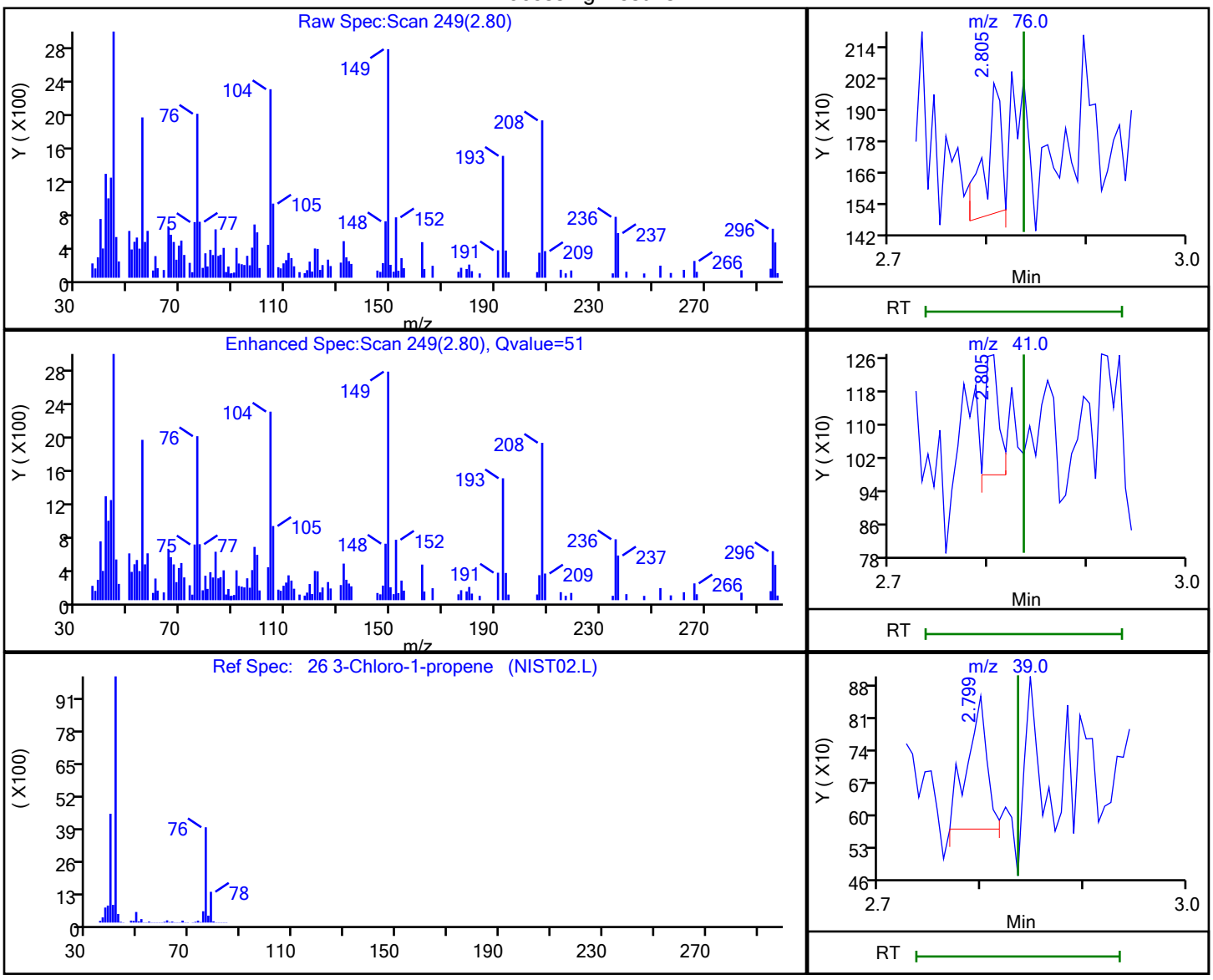
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.80	76.00	560	0.261086
2.80	41.00	269	
2.80	39.00	387	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

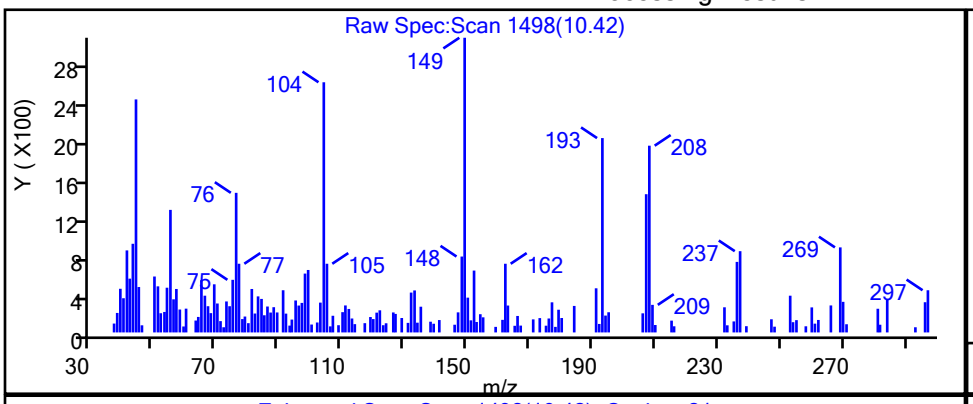
User Disabled Compound Report

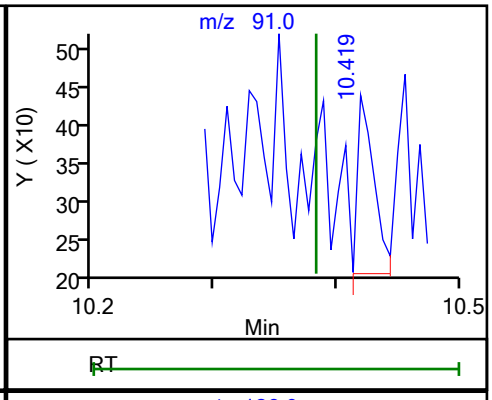
Eurofins Edison

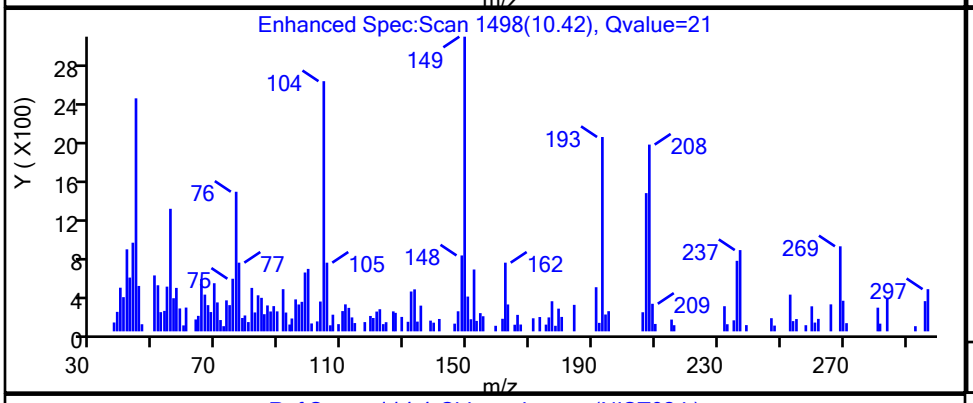
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D		
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

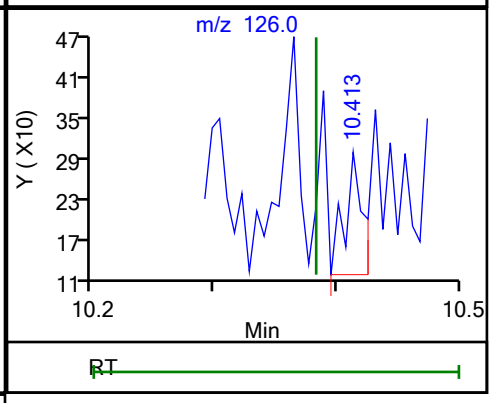
114 4-Chlorotoluene, CAS: 106-43-4

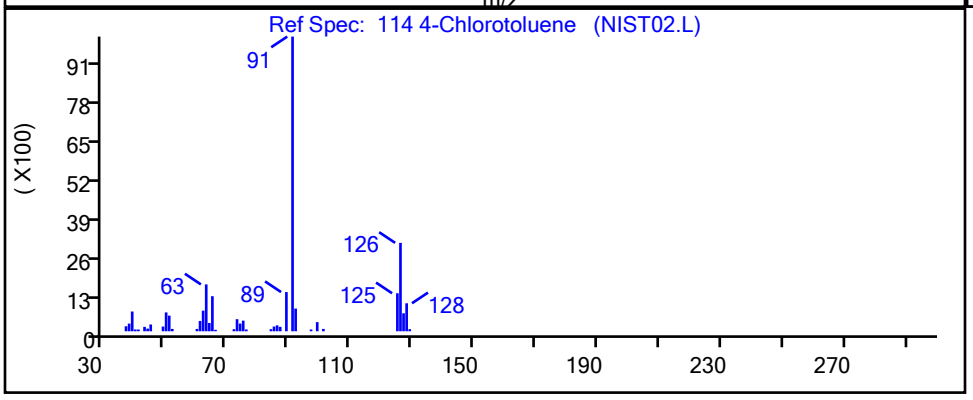
Processing Results











RT	Mass	Response	Amount
10.42	91.00	211	0.021951
10.41	126.00	186	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)

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

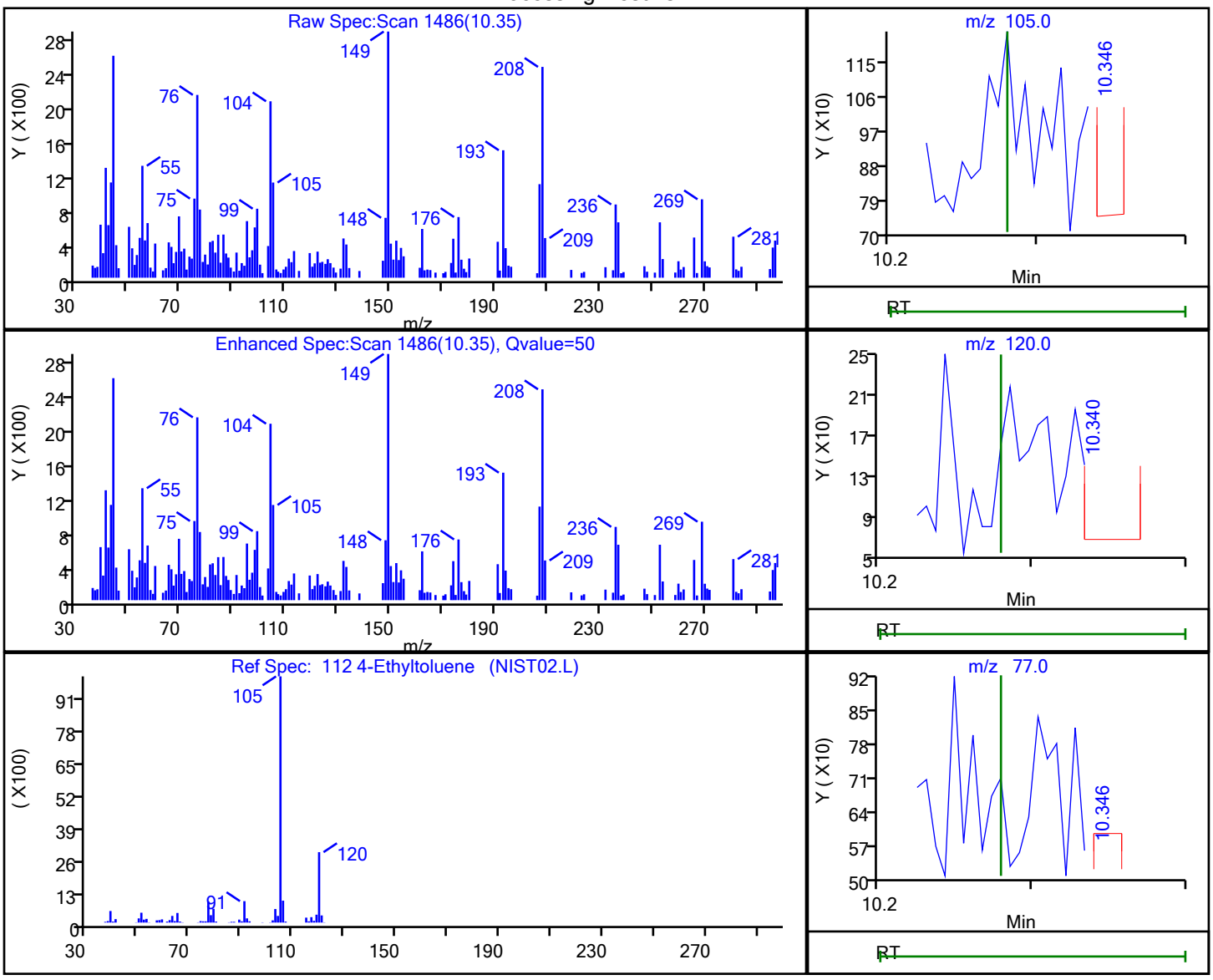
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.35	105.00	318	0.021735
10.34	120.00	141	
10.35	77.00	295	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

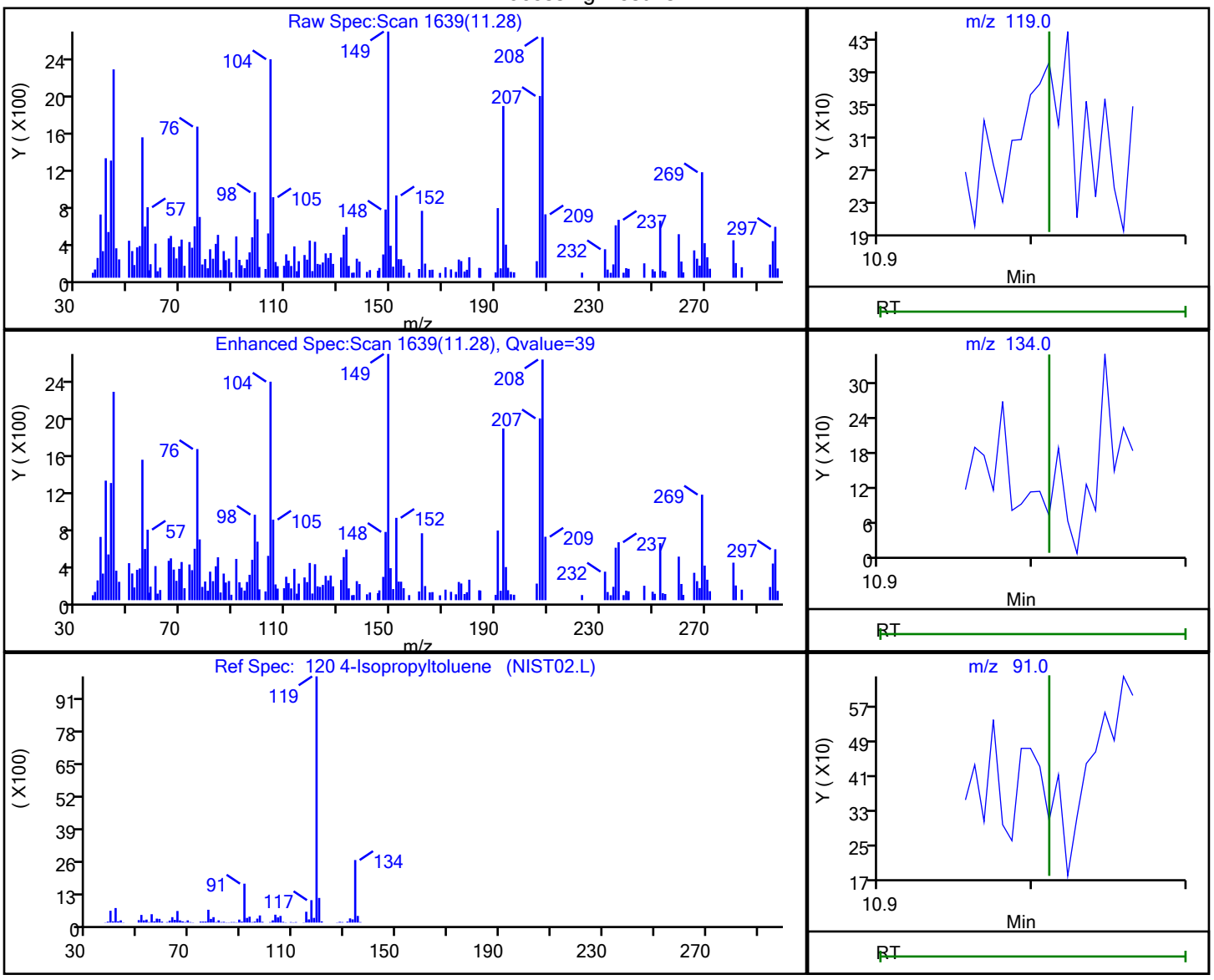
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.28	119.00	125	0.009037
11.27	134.00	198	
11.27	91.00	224	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

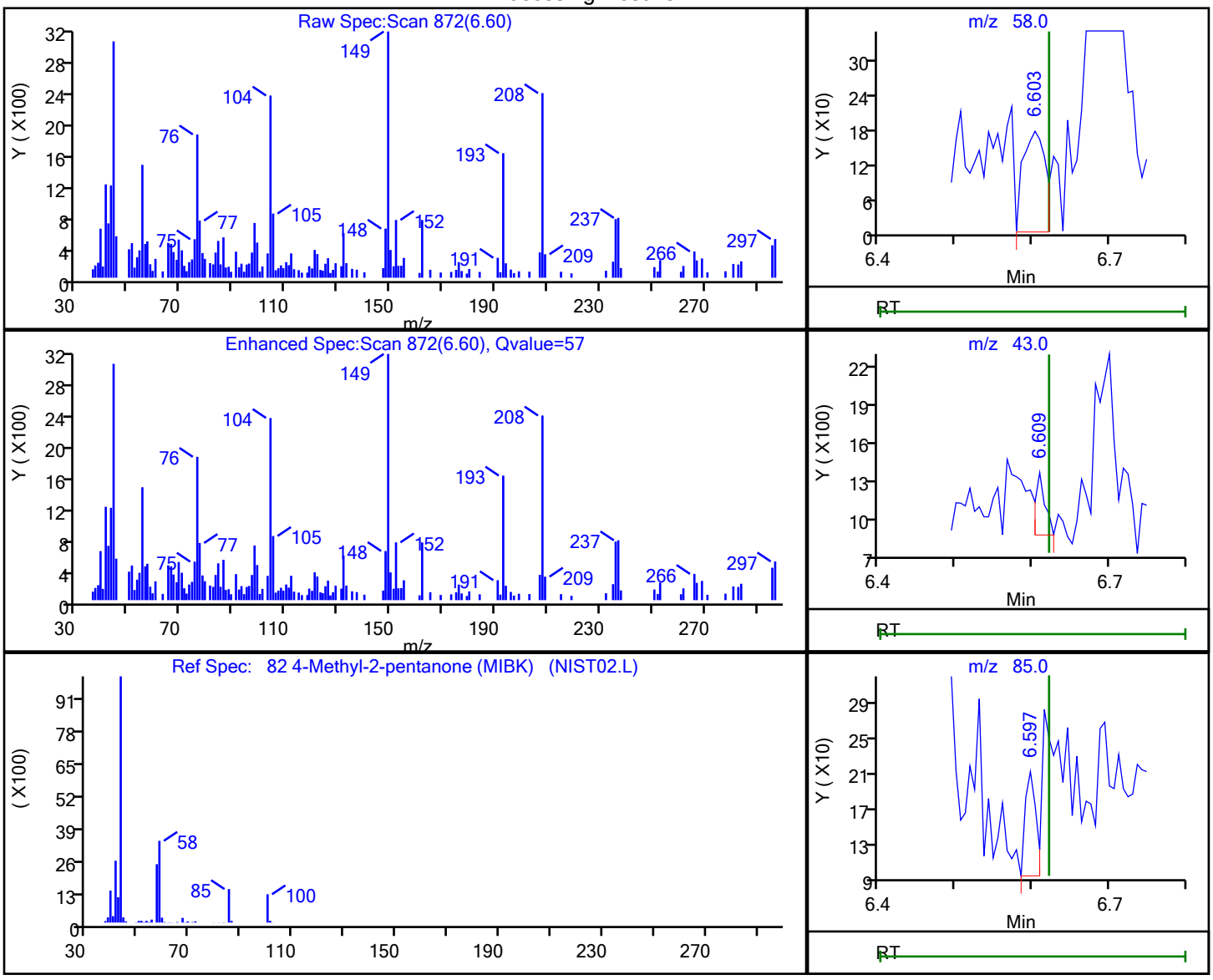
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
6.60	58.00	346	0.497107
6.61	43.00	393	
6.60	85.00	114	
6.60	100.00	153	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

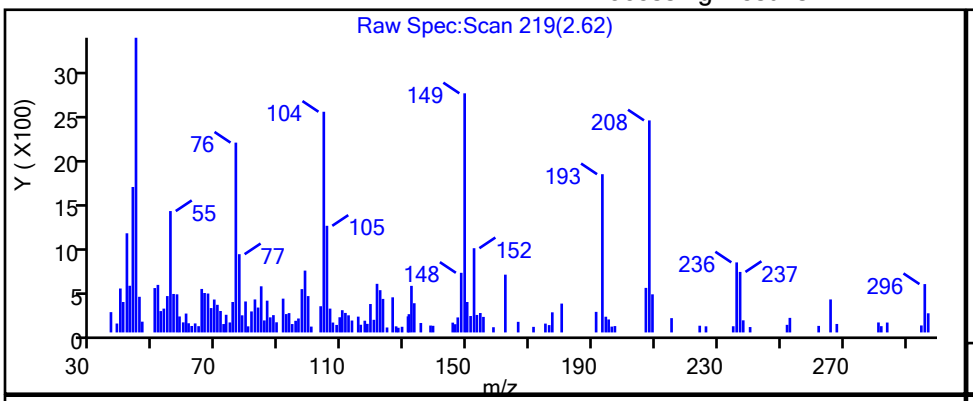
User Disabled Compound Report

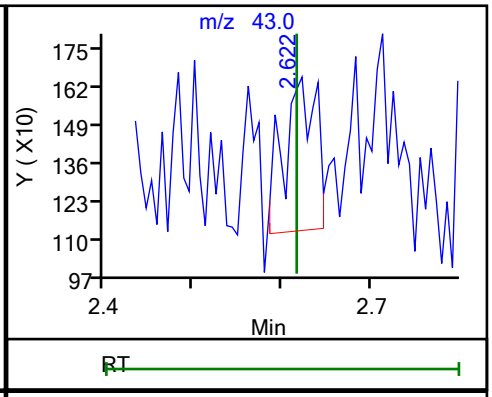
Eurofins Edison

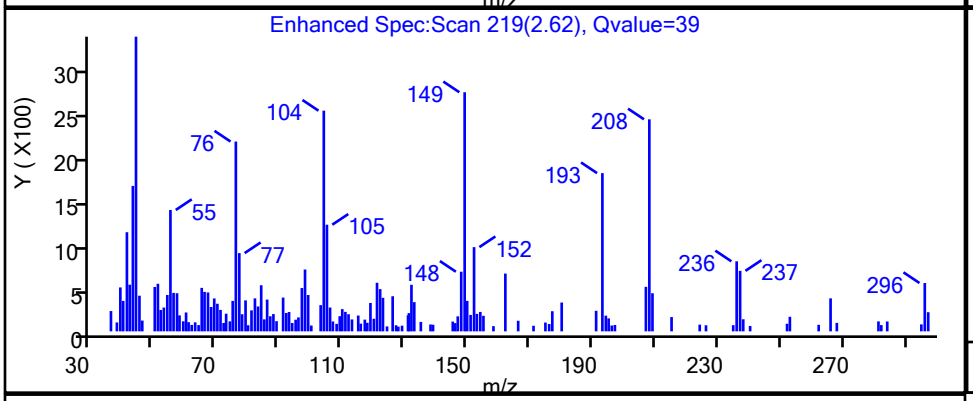
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

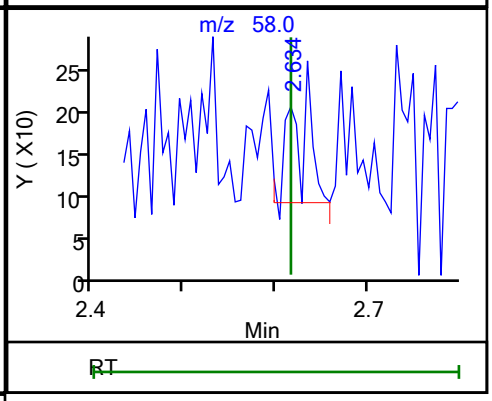
22 Acetone, CAS: 67-64-1

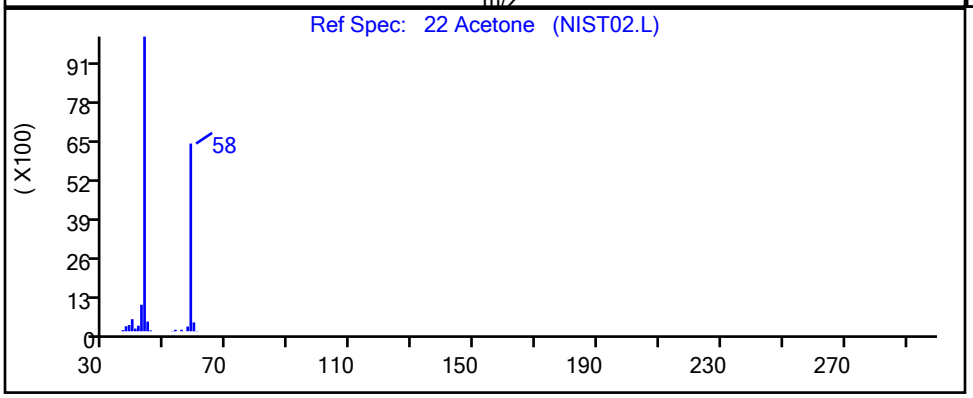
Processing Results











RT	Mass	Response	Amount
2.62	43.00	1356	2.172696
2.63	58.00	212	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

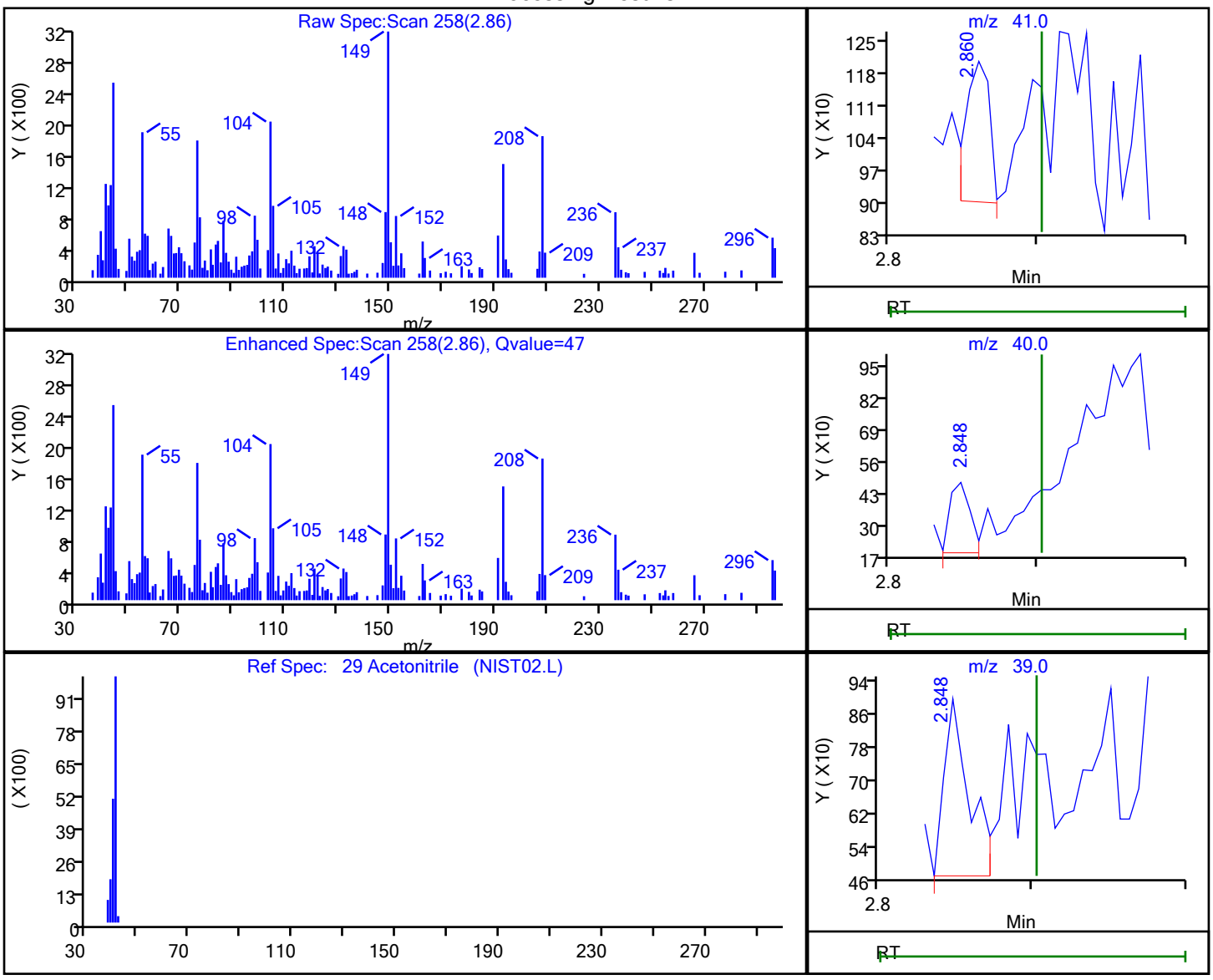
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.86	41.00	338	1.437355
2.85	40.00	287	
2.85	39.00	490	
2.86	38.00	148	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

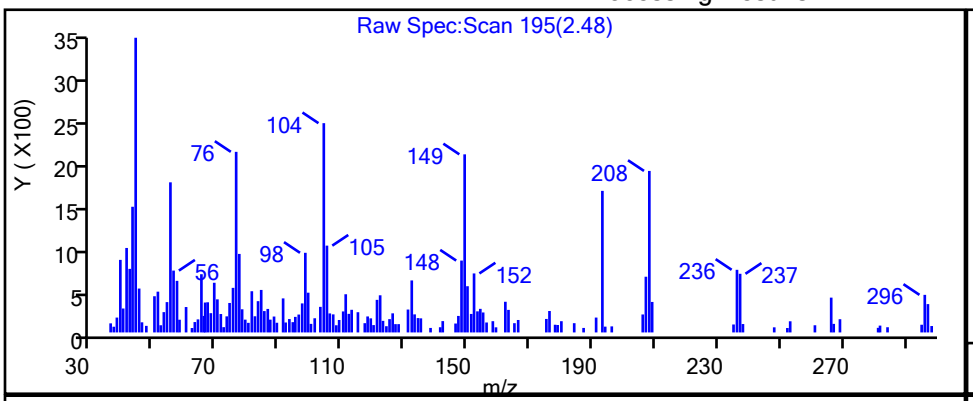
User Disabled Compound Report

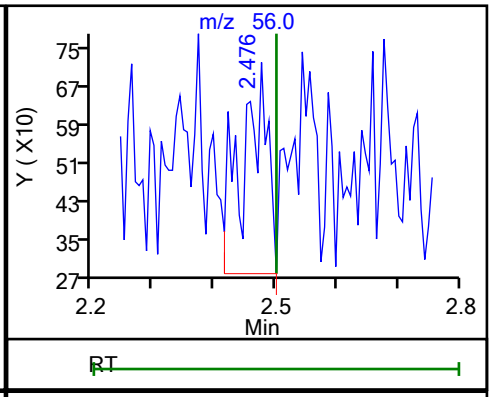
Eurofins Edison

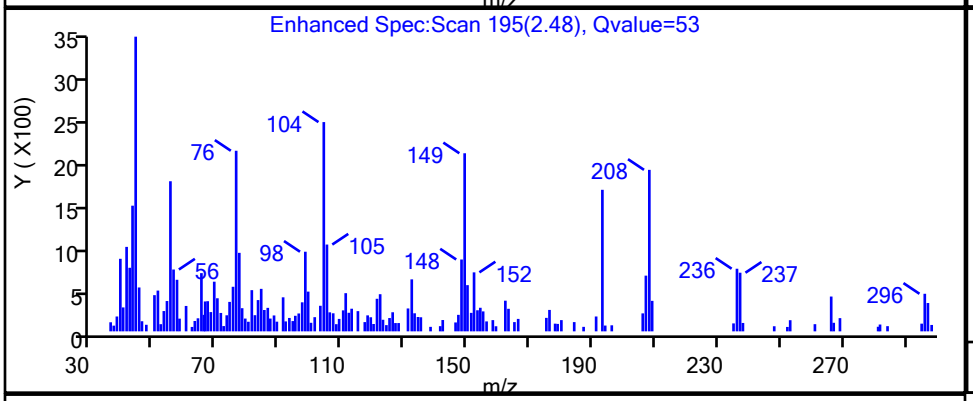
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

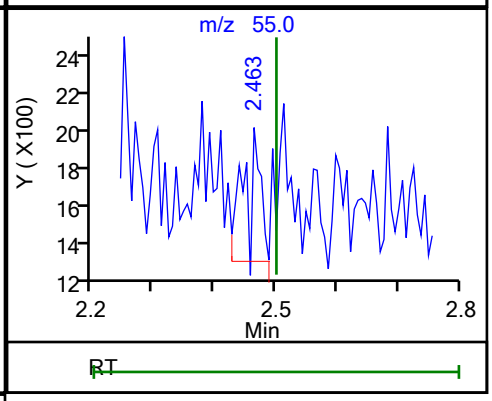
19 Acrolein, CAS: 107-02-8

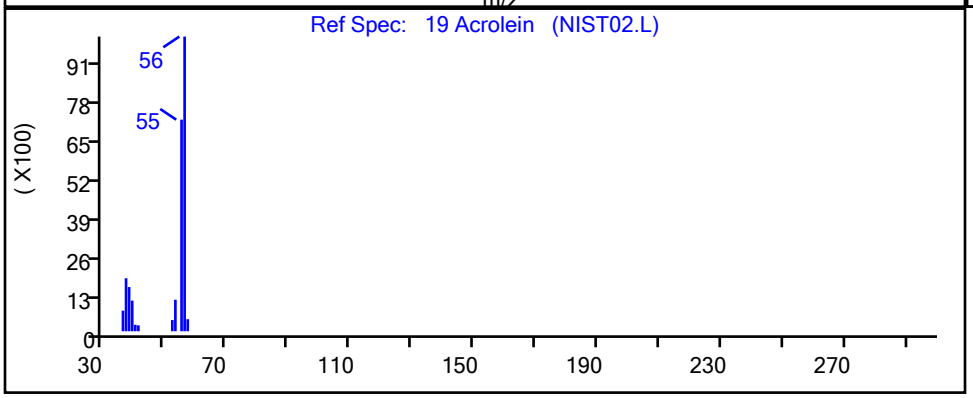
Processing Results











RT	Mass	Response	Amount
2.48	56.00	1275	4.811124
2.46	55.00	1165	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

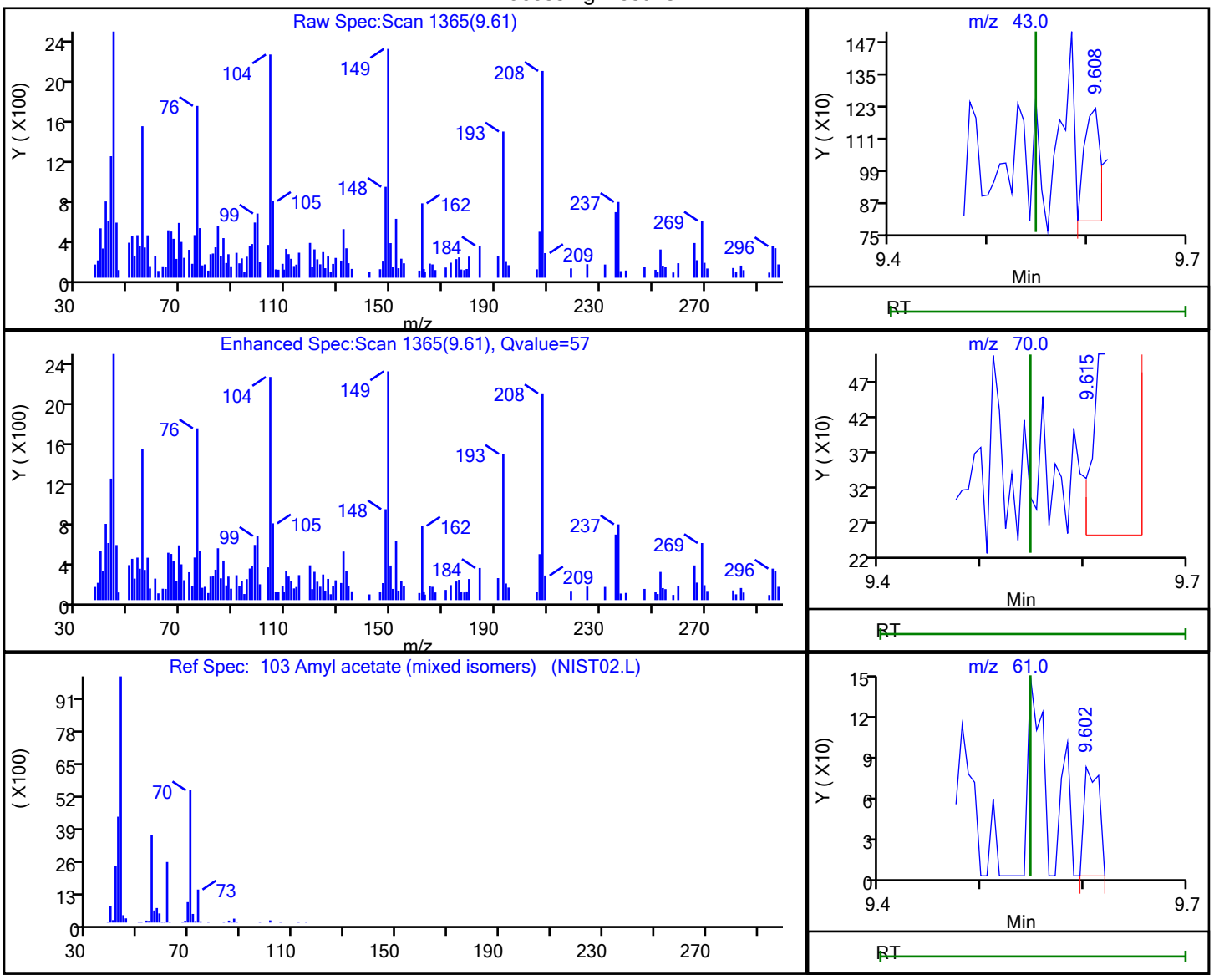
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.61	43.00	469	0.166273
9.61	70.00	548	
9.60	61.00	80	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

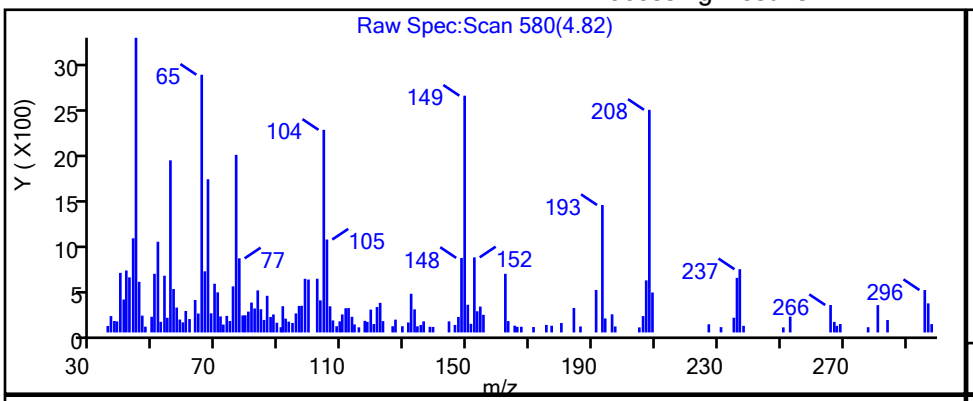
User Disabled Compound Report

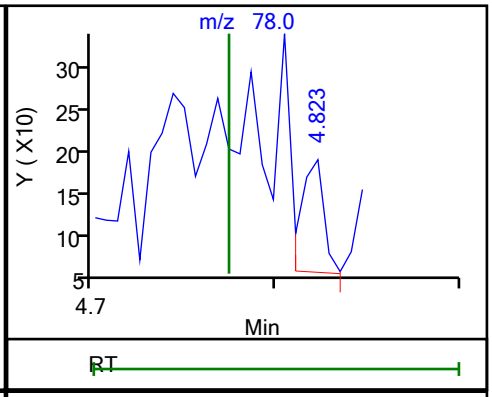
Eurofins Edison

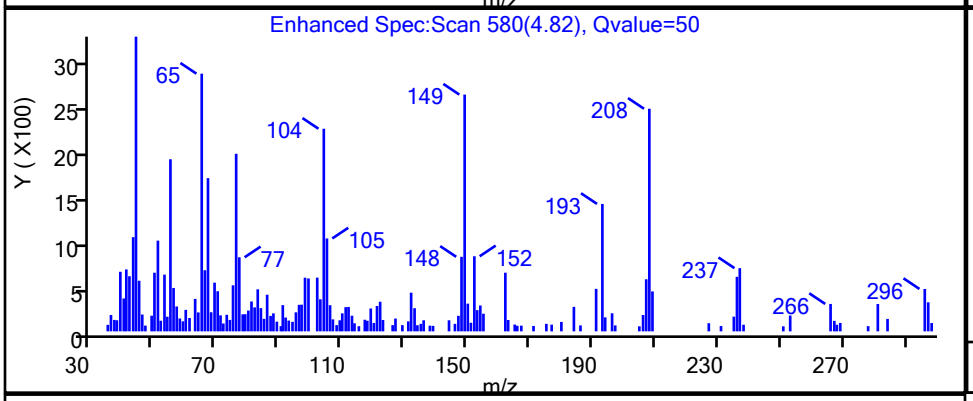
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

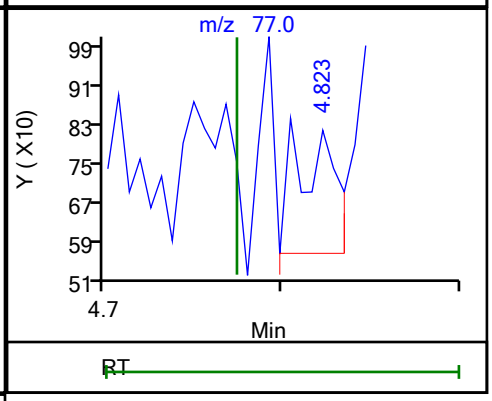
60 Benzene, CAS: 71-43-2

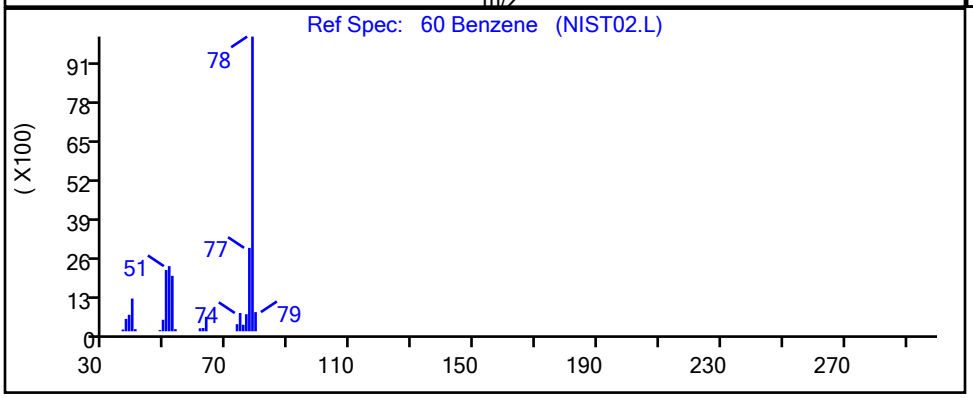
Processing Results











RT	Mass	Response	Amount
4.82	78.00	117	0.009379
4.82	77.00	394	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

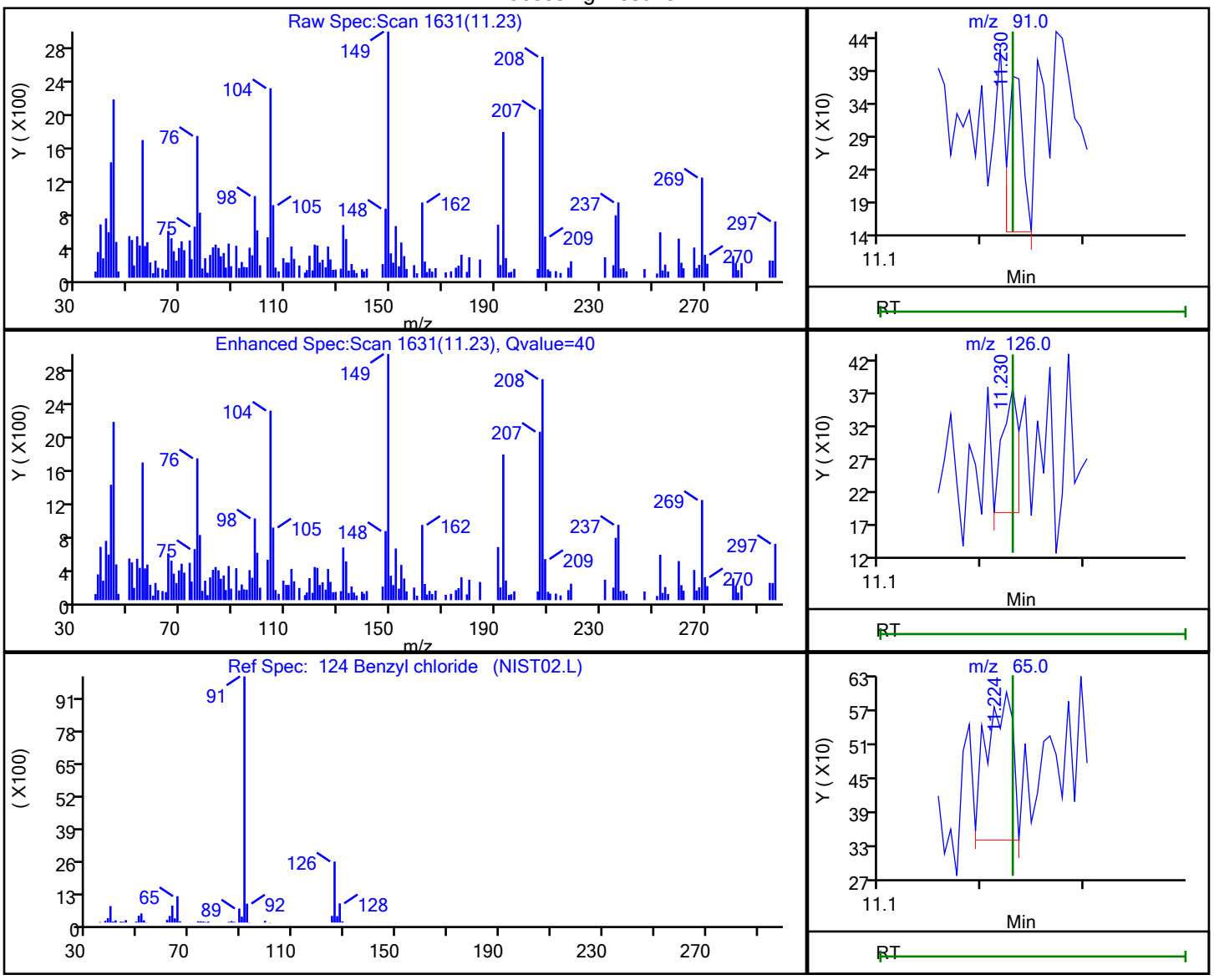
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.23	91.00	233	0.059734
11.23	126.00	204	
11.22	65.00	463	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

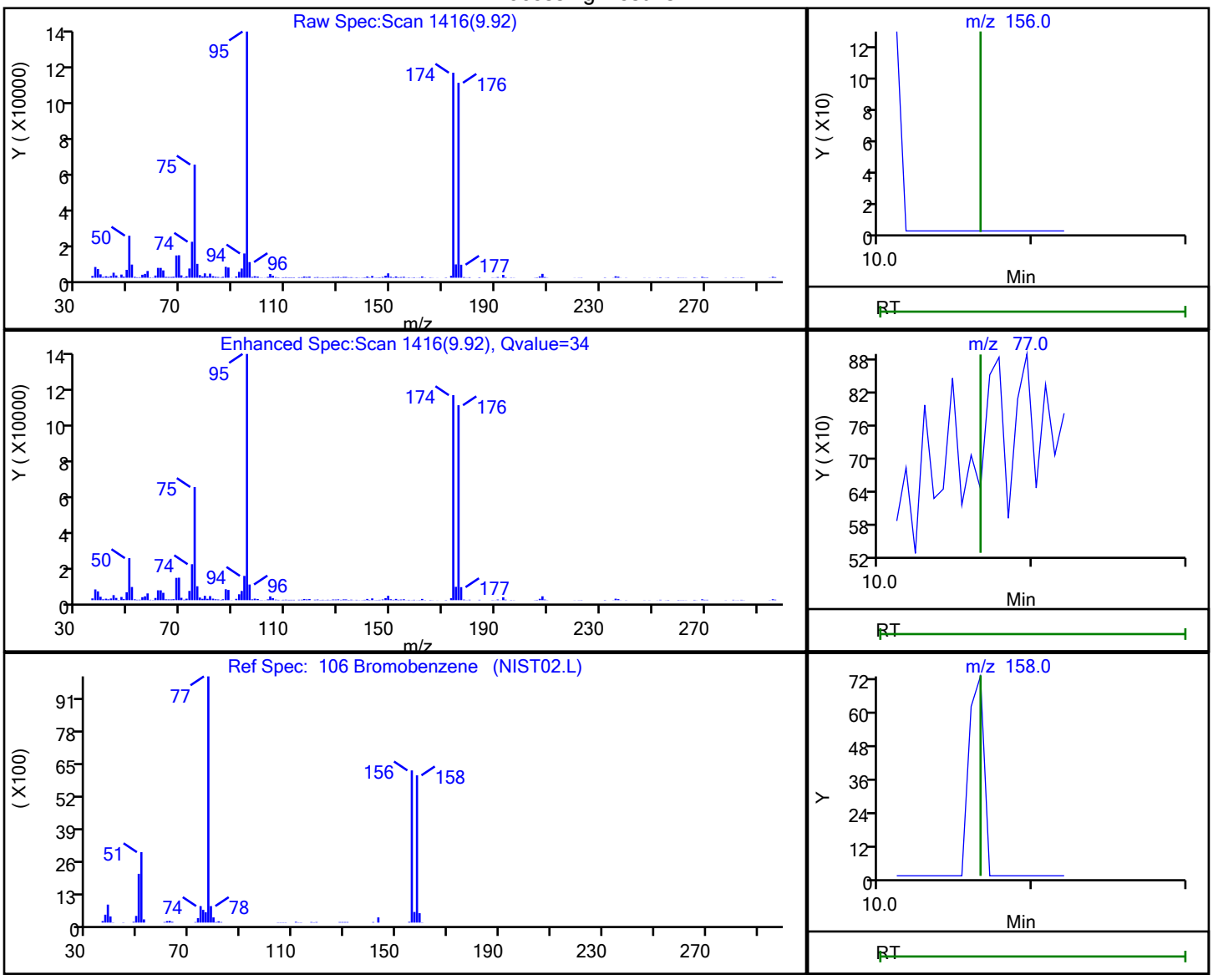
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.92	156.00	44	0.012261
9.93	77.00	1831	
9.91	158.00	148	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

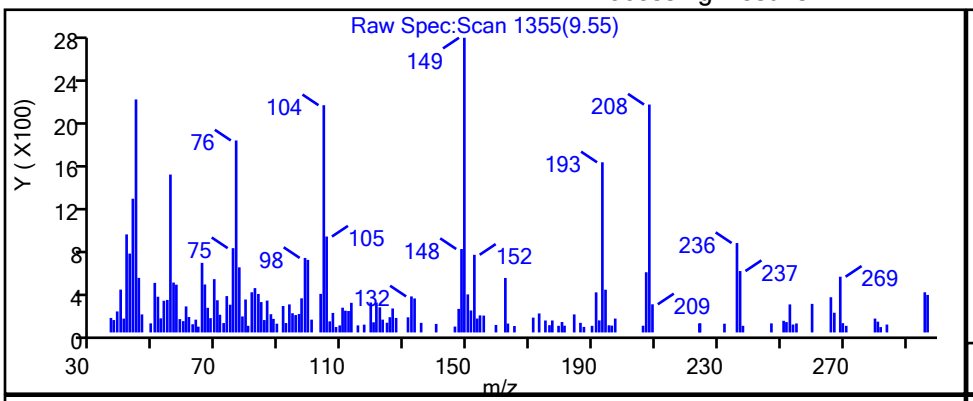
User Disabled Compound Report

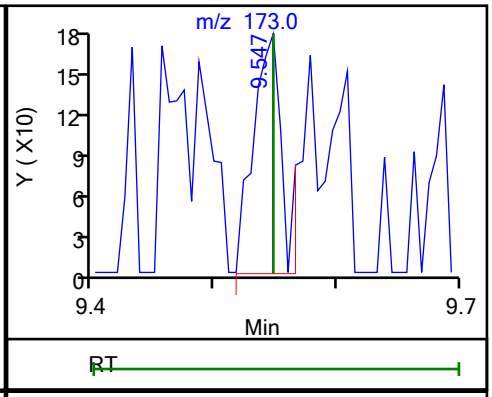
Eurofins Edison

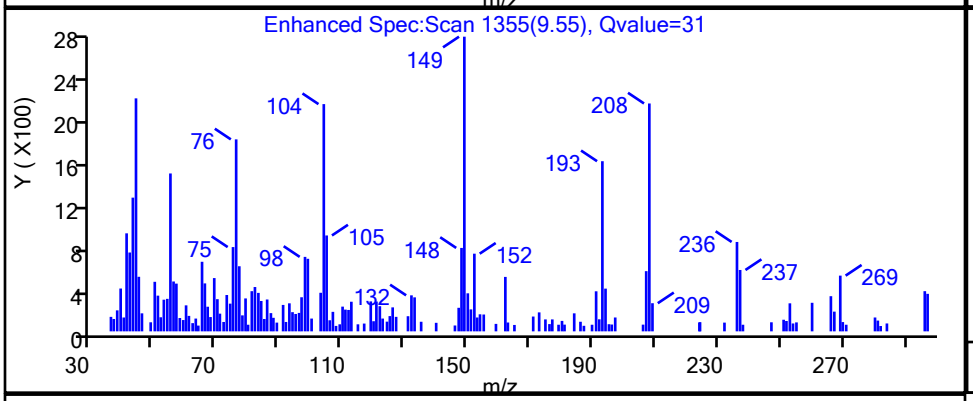
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

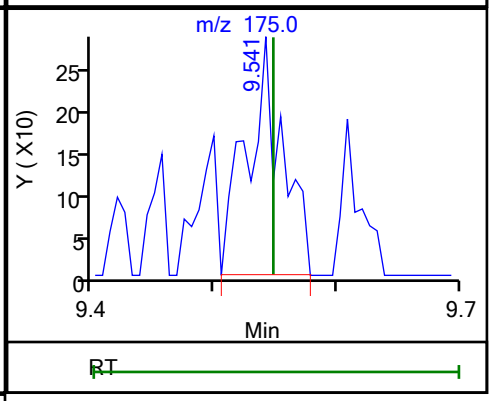
102 Bromoform, CAS: 75-25-2

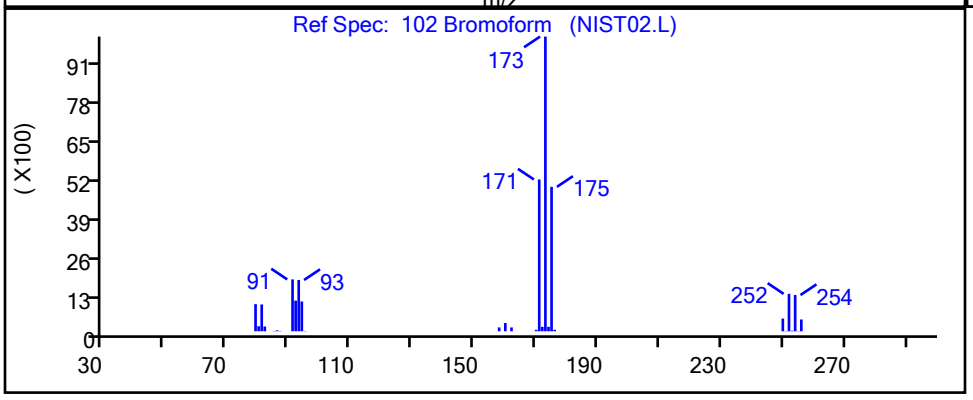
Processing Results











RT	Mass	Response	Amount
9.55	173.00	295	0.188719
9.54	175.00	576	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

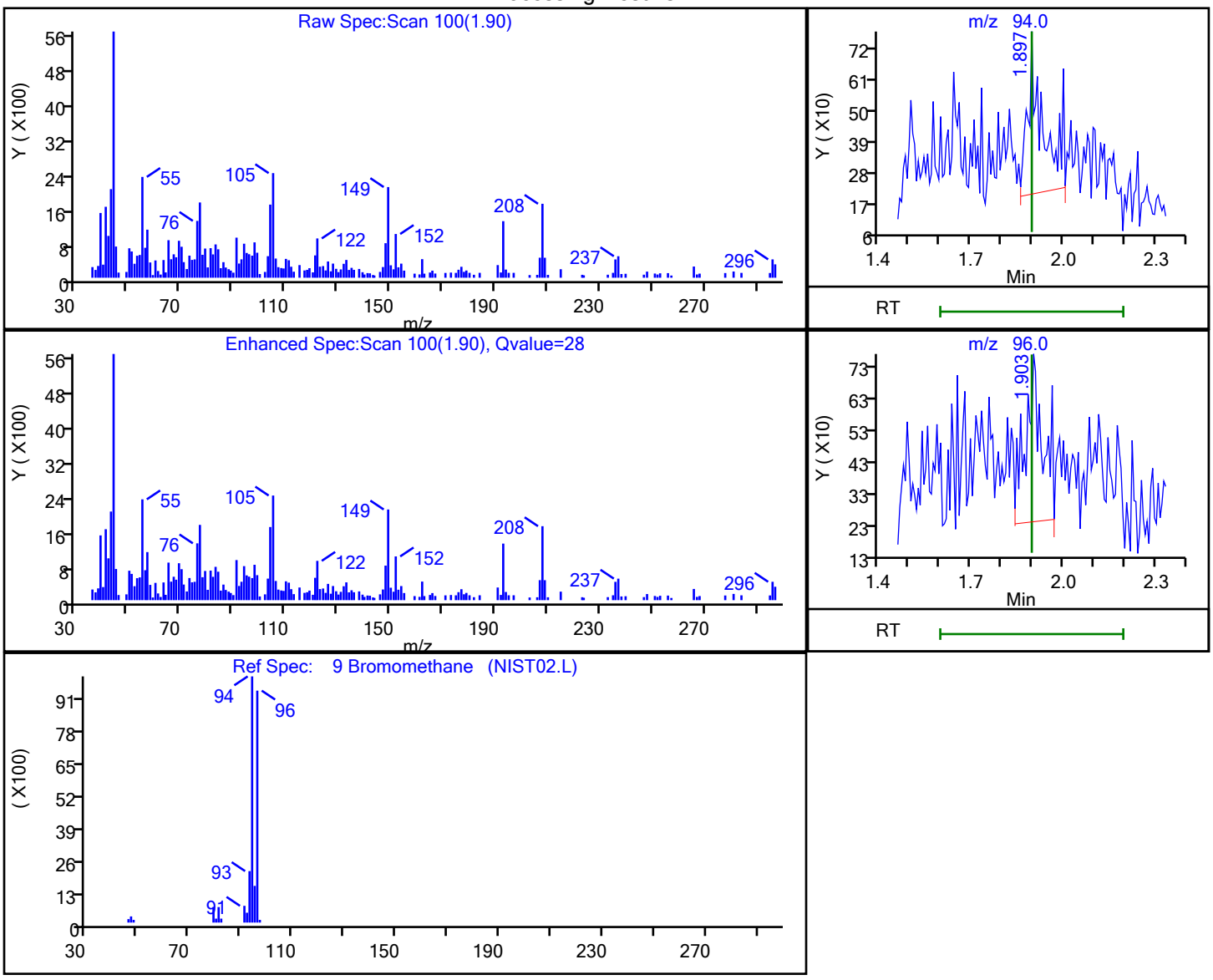
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.90	94.00	1950	0.589832
1.90	96.00	2018	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

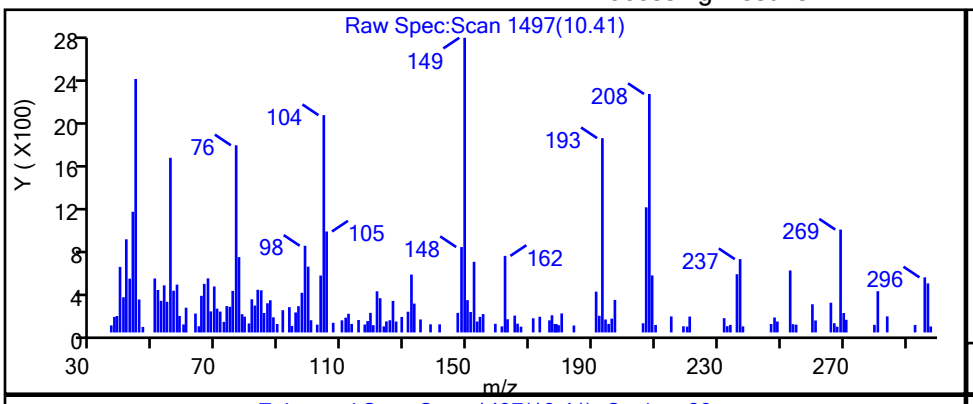
User Disabled Compound Report

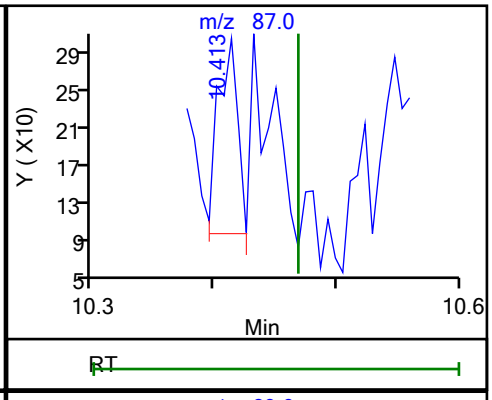
Eurofins Edison

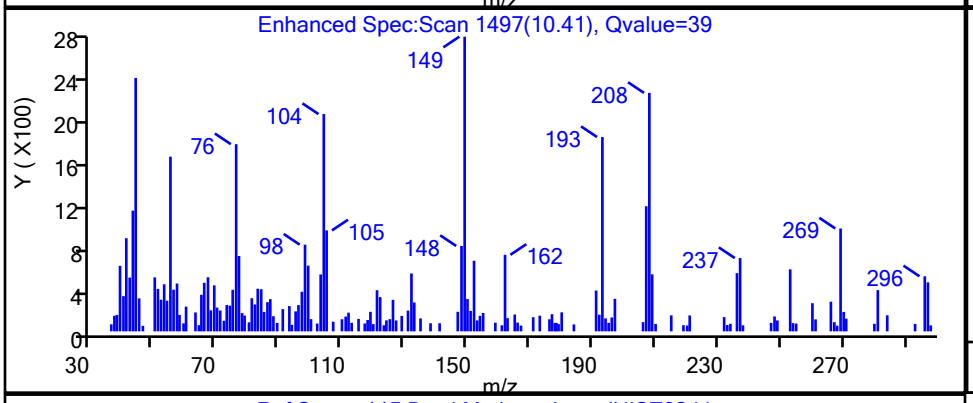
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

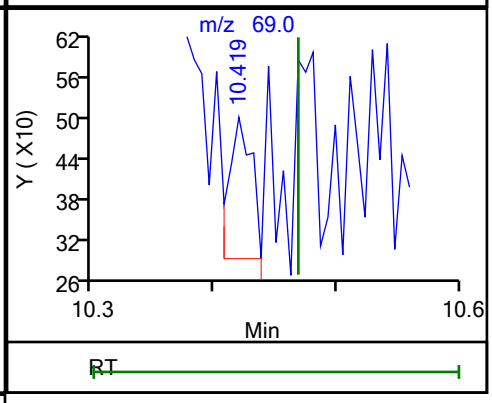
115 Butyl Methacrylate, CAS: 97-88-1

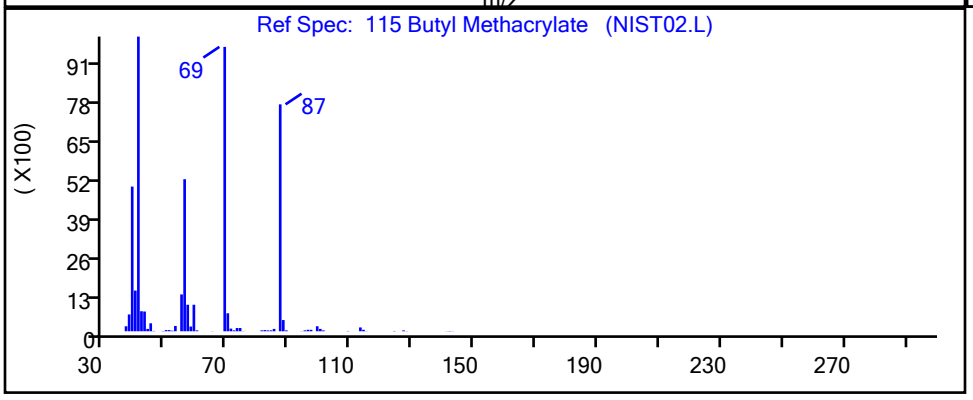
Processing Results











RT	Mass	Response	Amount
10.41	87.00	224	0.069994
10.42	69.00	267	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

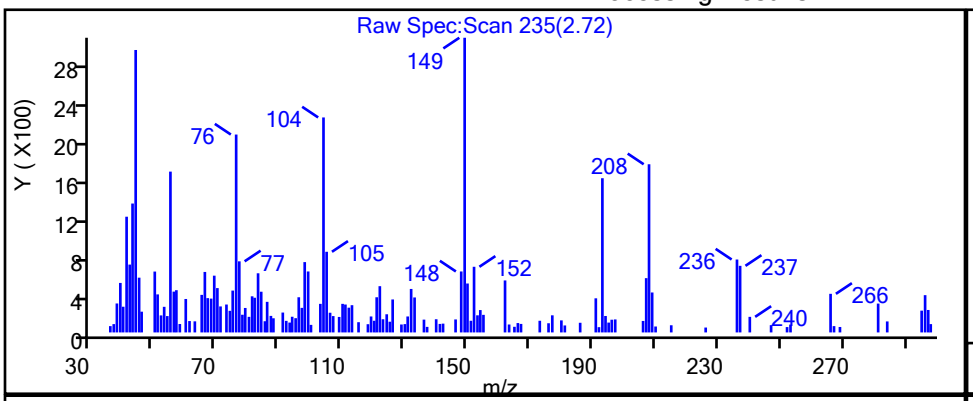
User Disabled Compound Report

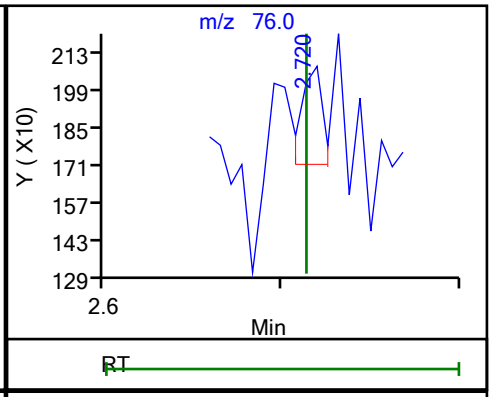
Eurofins Edison

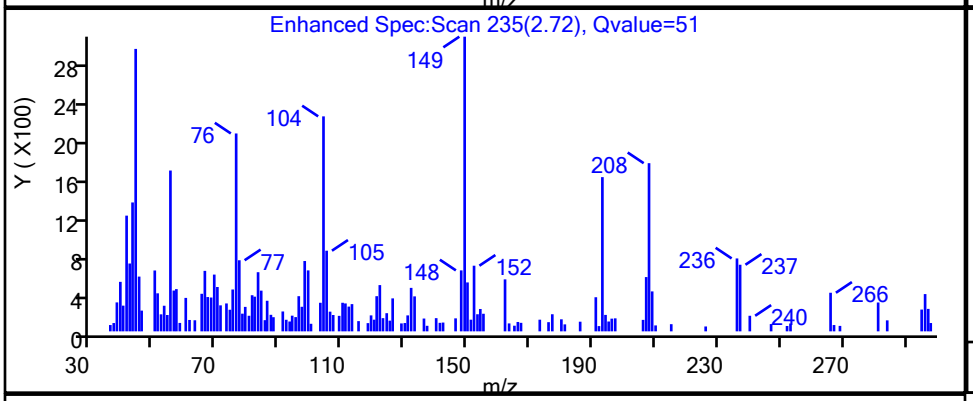
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

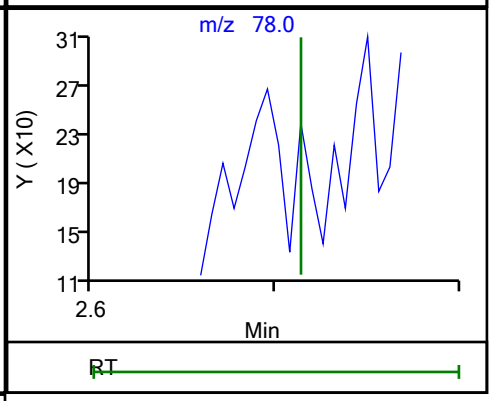
24 Carbon disulfide, CAS: 75-15-0

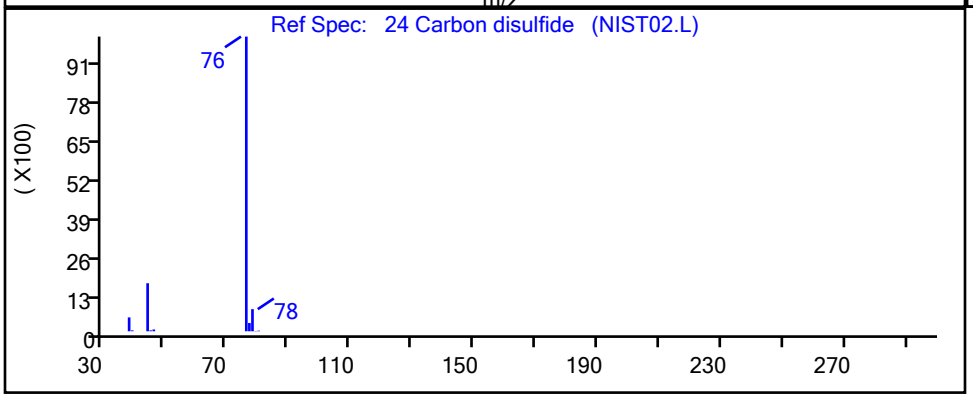
Processing Results











RT	Mass	Response	Amount
2.72	76.00	312	0.026704
2.72	78.00	0	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

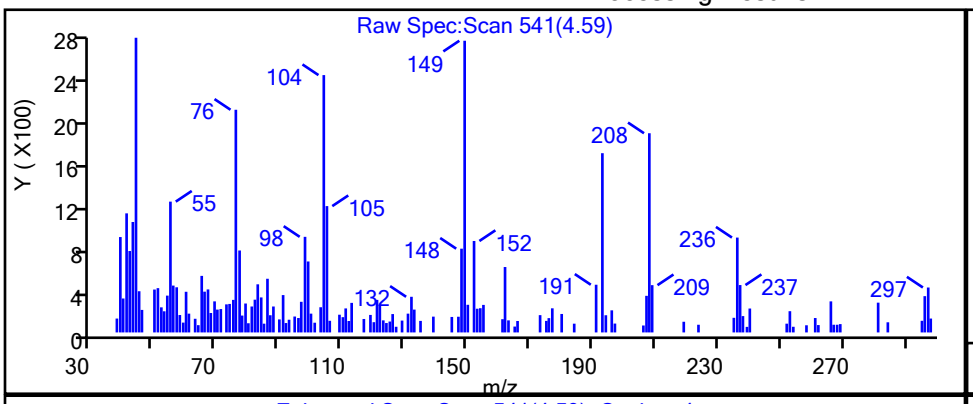
User Disabled Compound Report

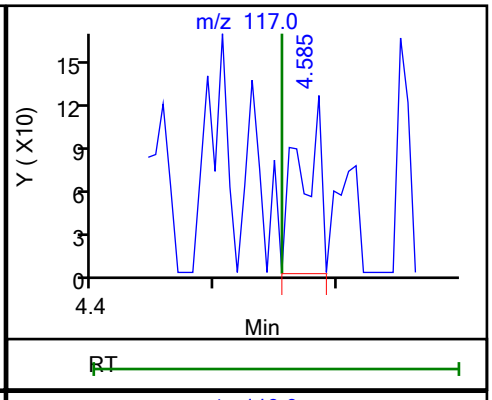
Eurofins Edison

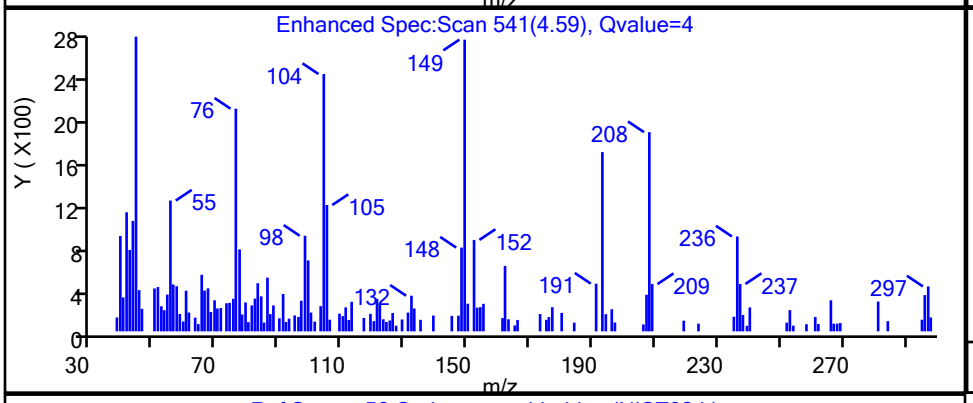
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

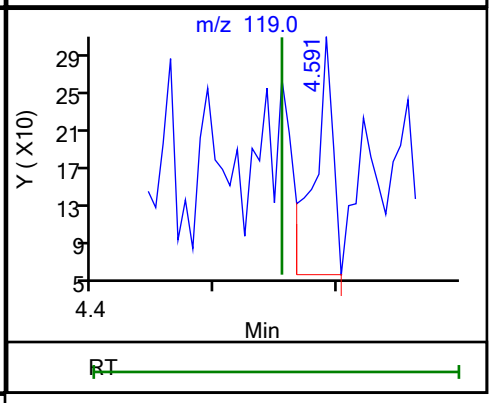
56 Carbon tetrachloride, CAS: 56-23-5

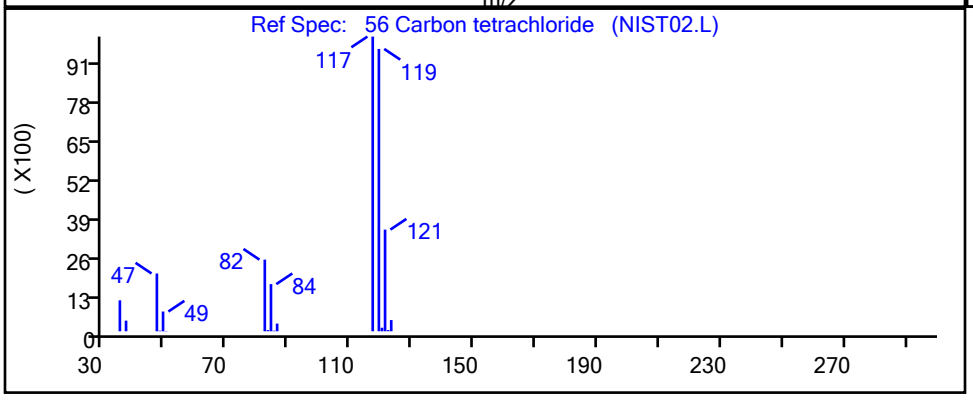
Processing Results











RT	Mass	Response	Amount
4.59	117.00	151	0.028219
4.59	119.00	269	

Reviewer: FK2C, 09-May-2024 09:06:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

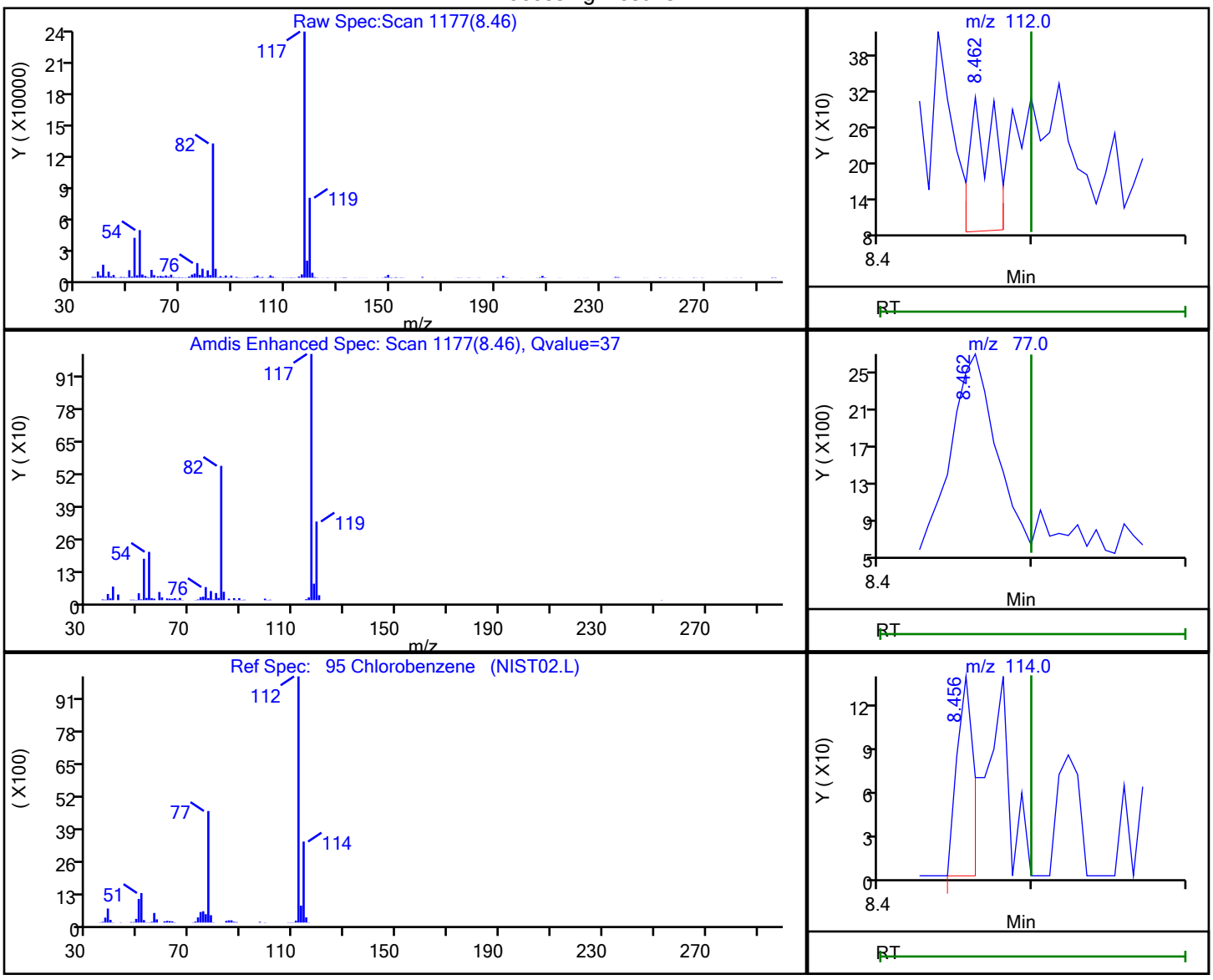
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.46	112.00	247	0.028910
8.46	77.00	4539	
8.46	114.00	101	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

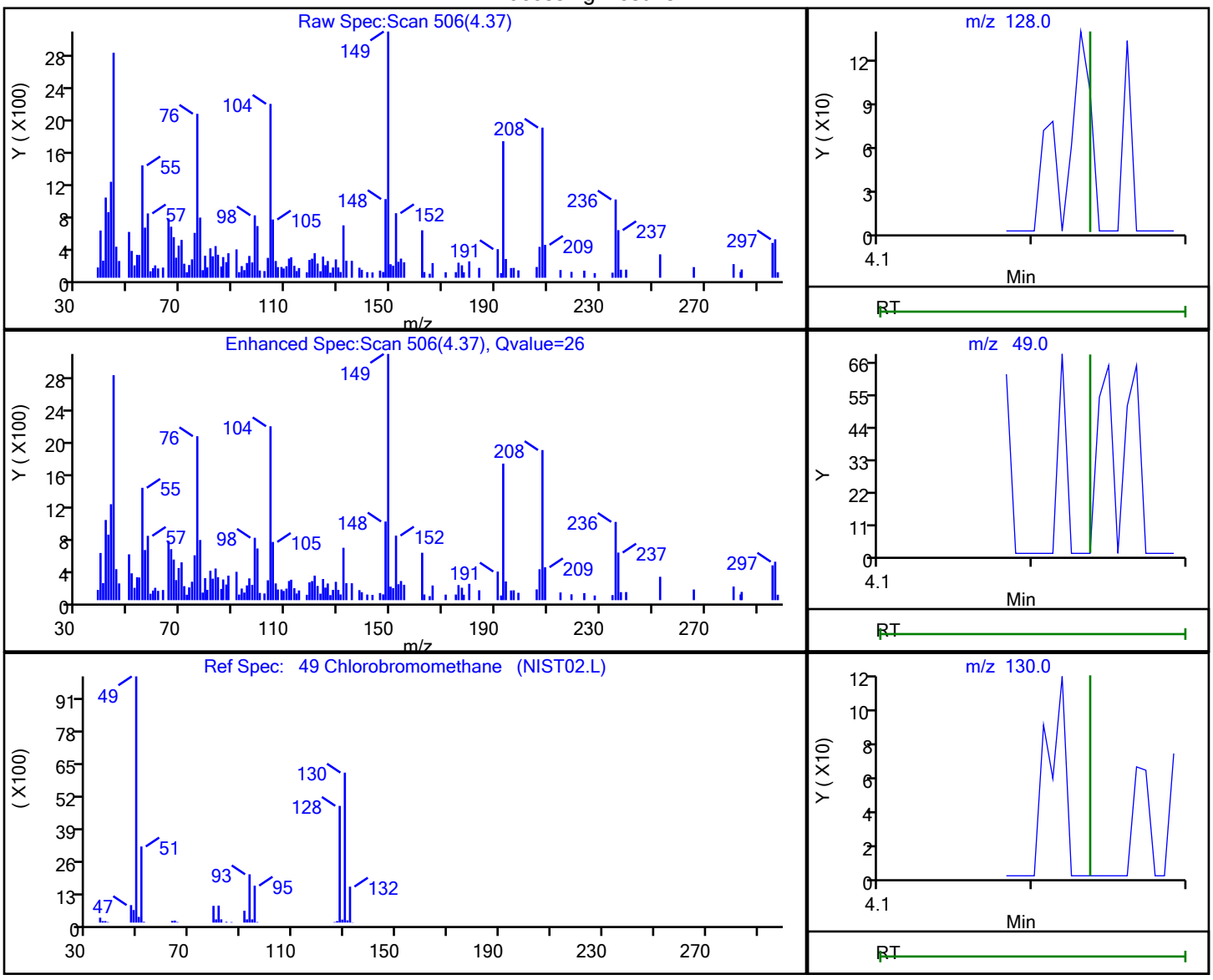
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.37	128.00	81	0.043471
4.37	49.00	81	
4.37	130.00	144	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

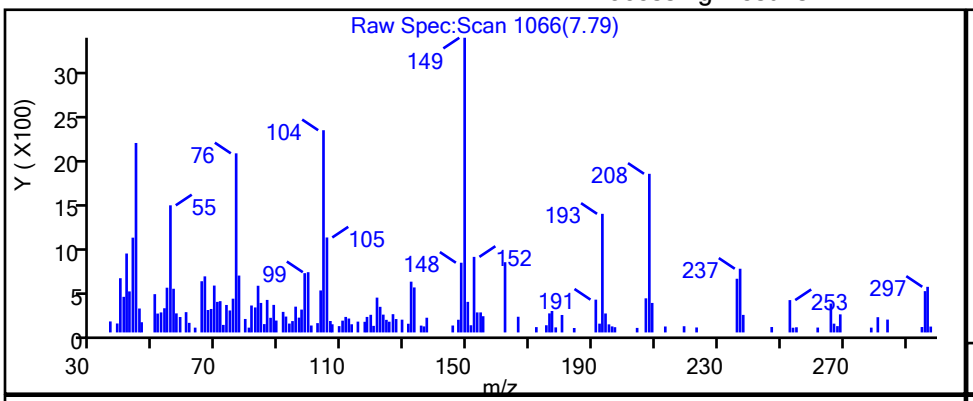
User Disabled Compound Report

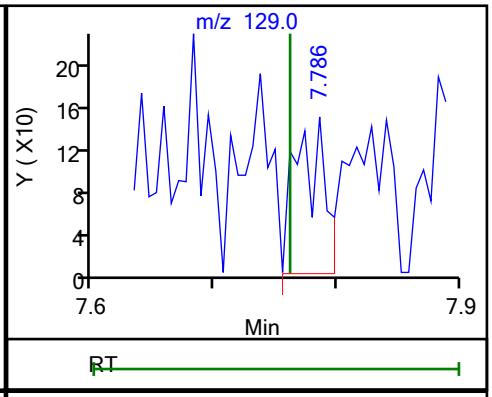
Eurofins Edison

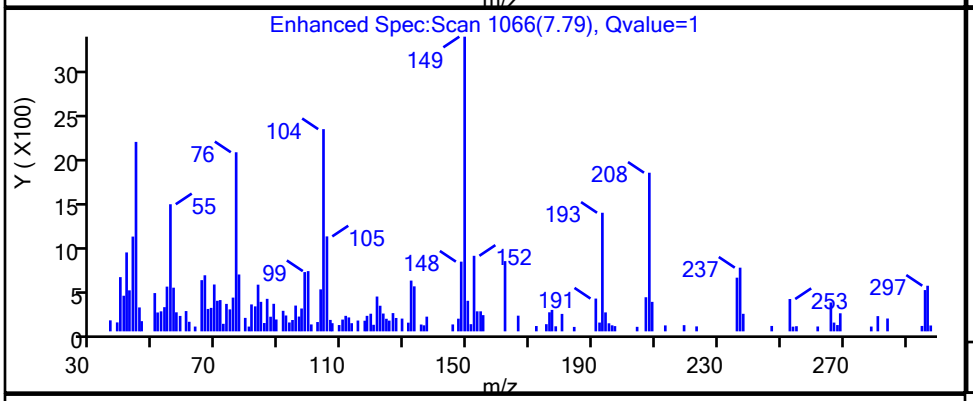
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

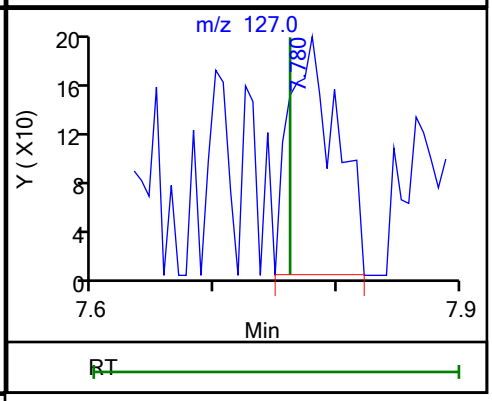
92 Chlorodibromomethane, CAS: 124-48-1

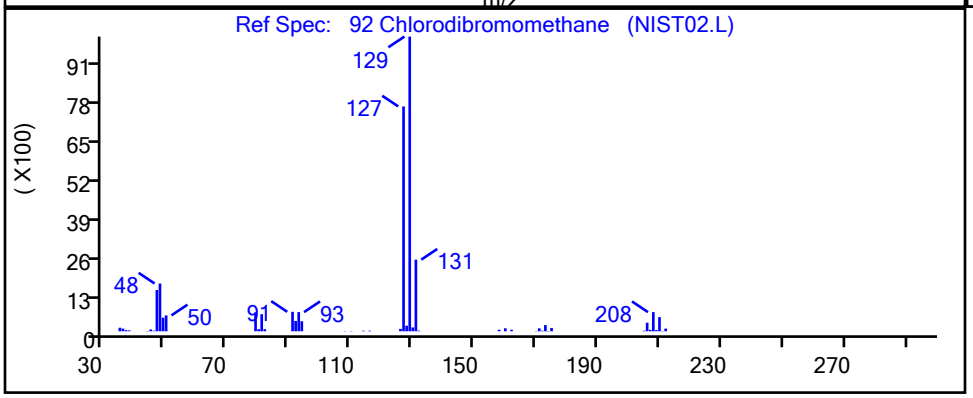
Processing Results











RT	Mass	Response	Amount
7.79	129.00	236	0.085388
7.78	127.00	536	

Reviewer: FK2C, 09-May-2024 09:07:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

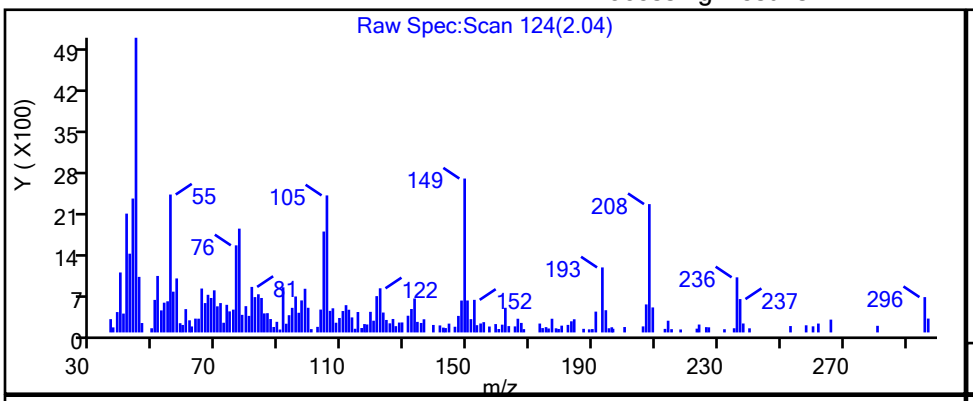
User Disabled Compound Report

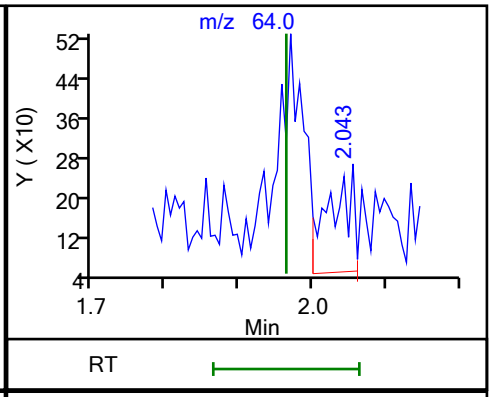
Eurofins Edison

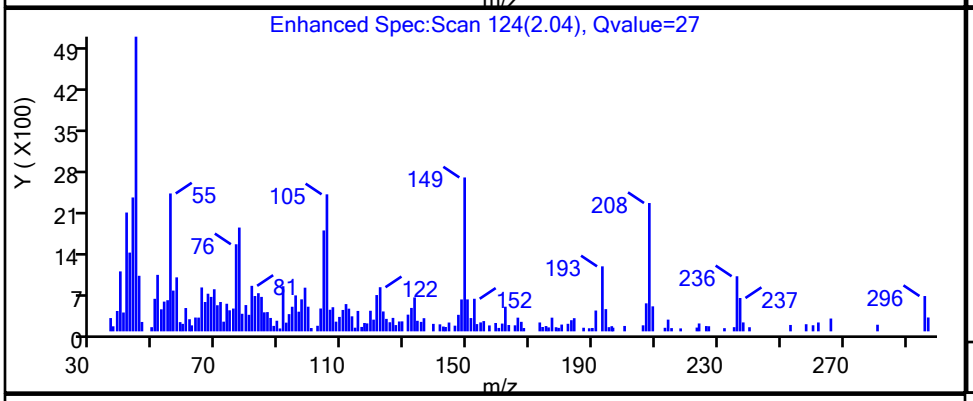
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

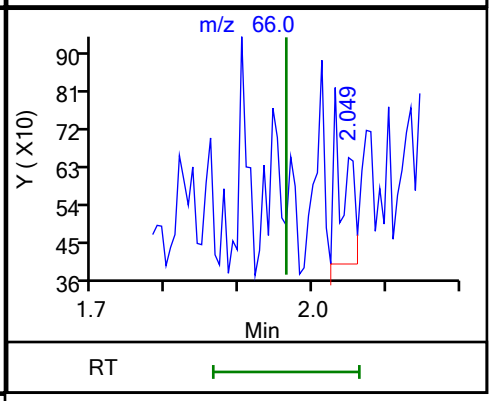
10 Chloroethane, CAS: 75-00-3

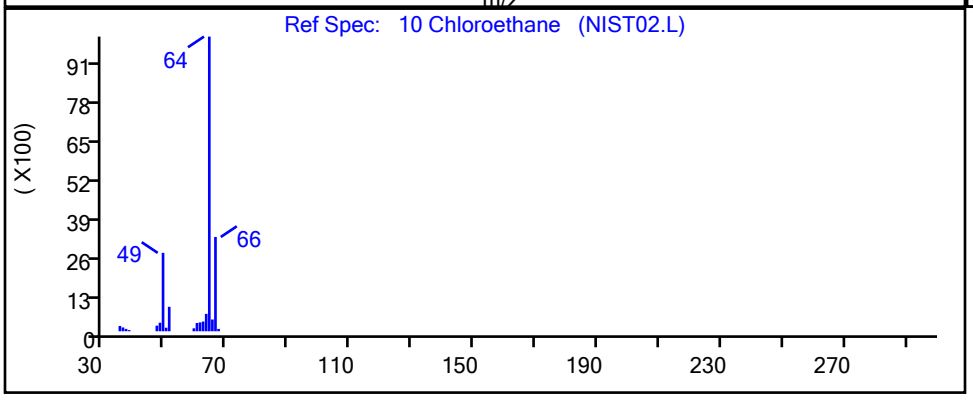
Processing Results











RT	Mass	Response	Amount
2.04	64.00	470	0.198440
2.05	66.00	439	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

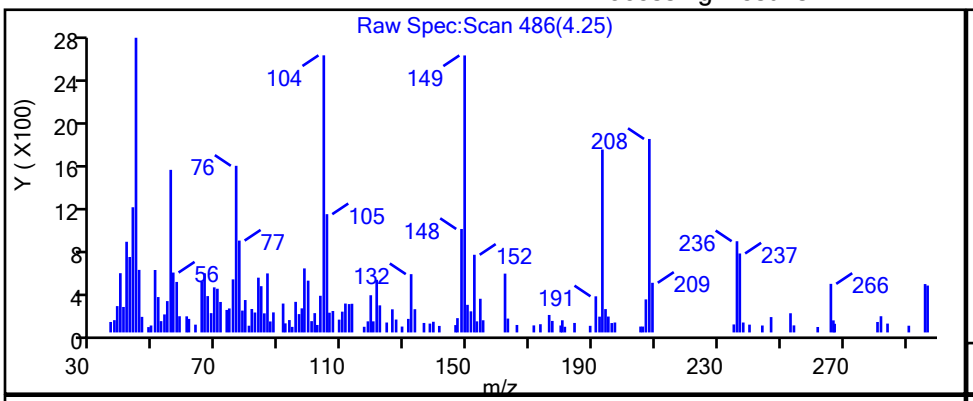
User Disabled Compound Report

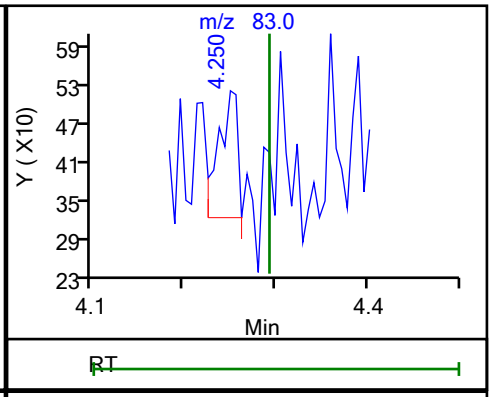
Eurofins Edison

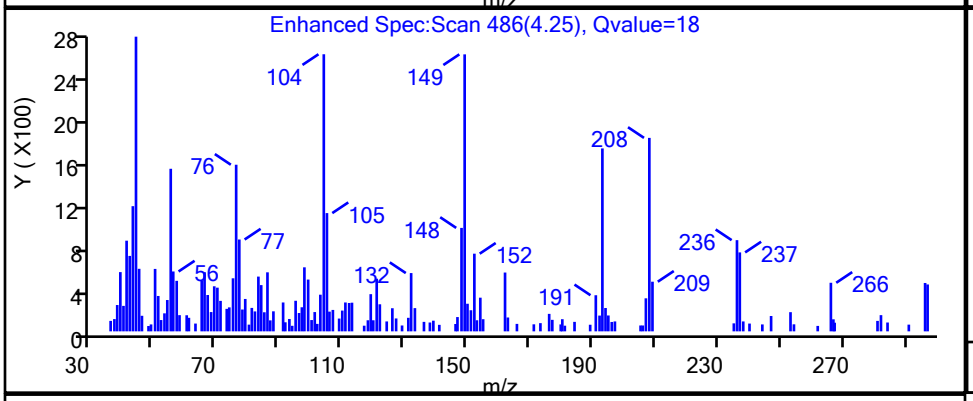
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

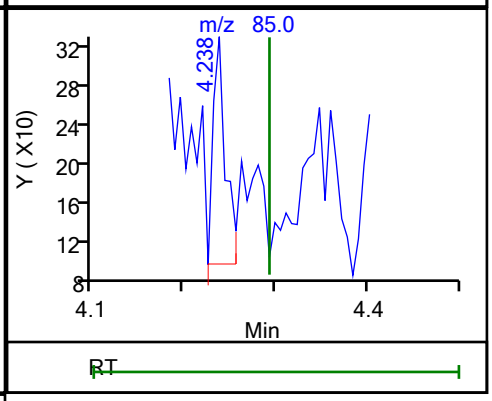
52 Chloroform, CAS: 67-66-3

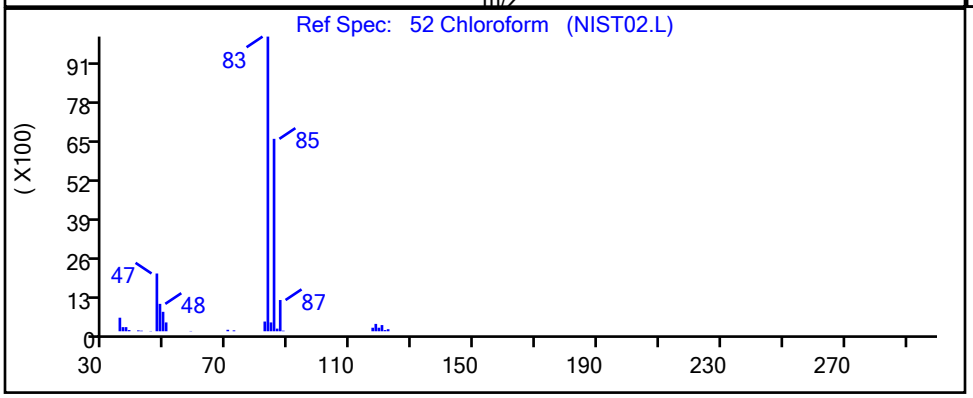
Processing Results











RT	Mass	Response	Amount
4.25	83.00	277	0.045104
4.24	85.00	226	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

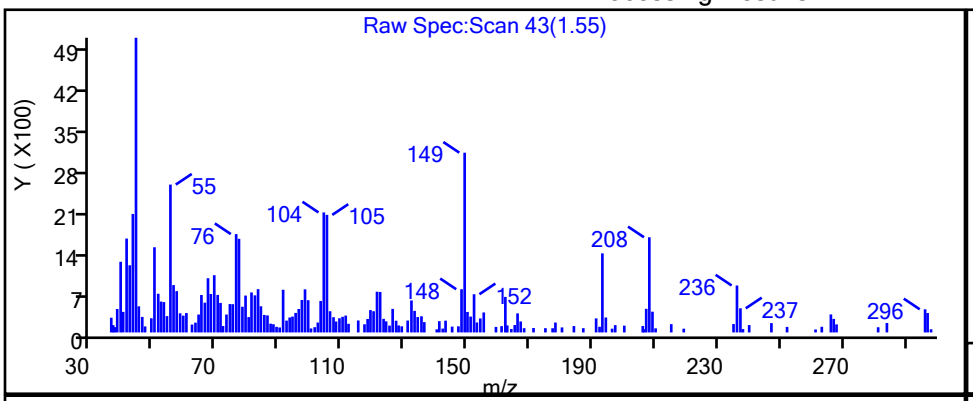
User Disabled Compound Report

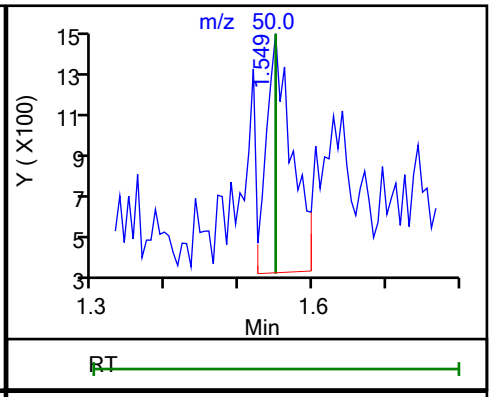
Eurofins Edison

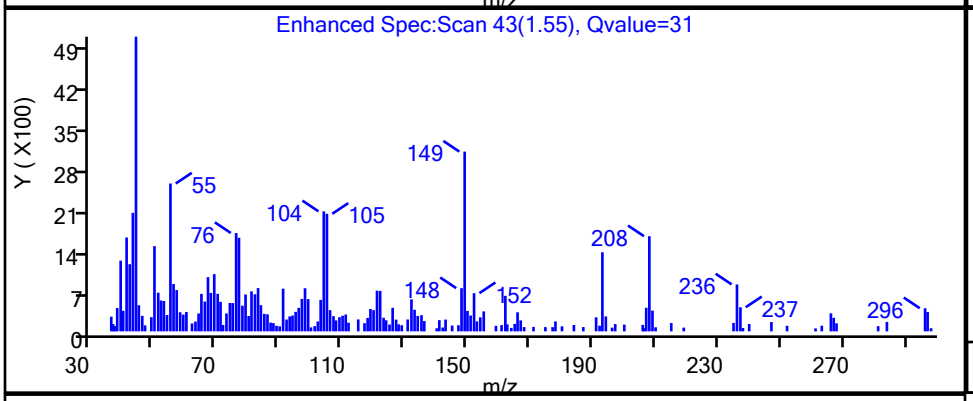
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

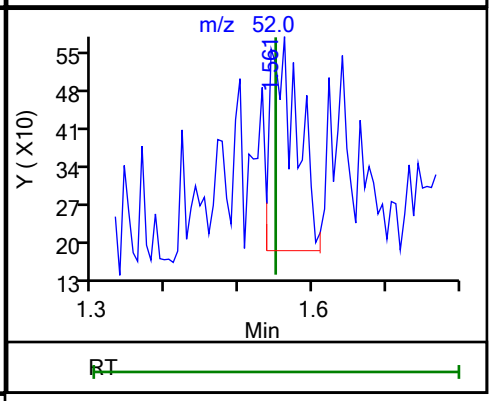
6 Chloromethane, CAS: 74-87-3

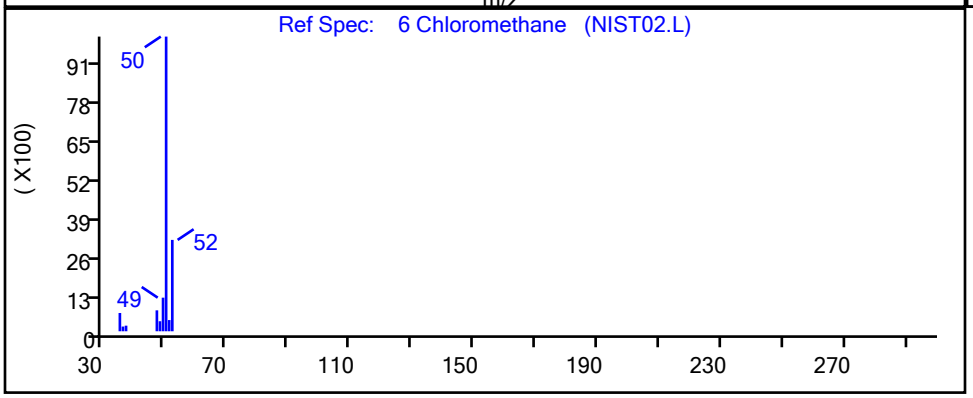
Processing Results











RT	Mass	Response	Amount
1.55	50.00	2662	0.716059
1.56	52.00	1012	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

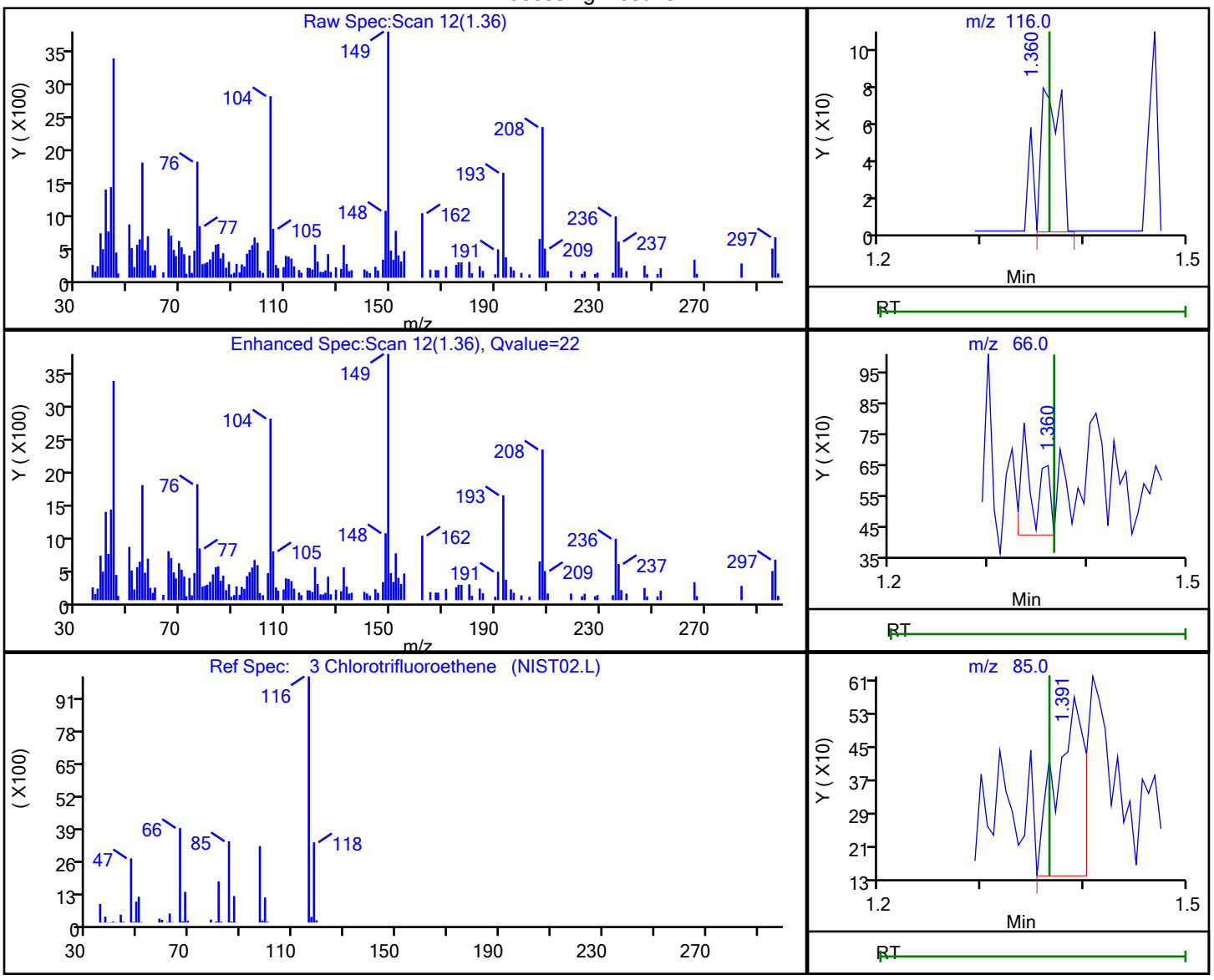
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.36	116.00	100	0.076351
1.36	66.00	378	
1.39	85.00	828	
1.35	118.00	265	

Reviewer: FK2C, 09-May-2024 09:06:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

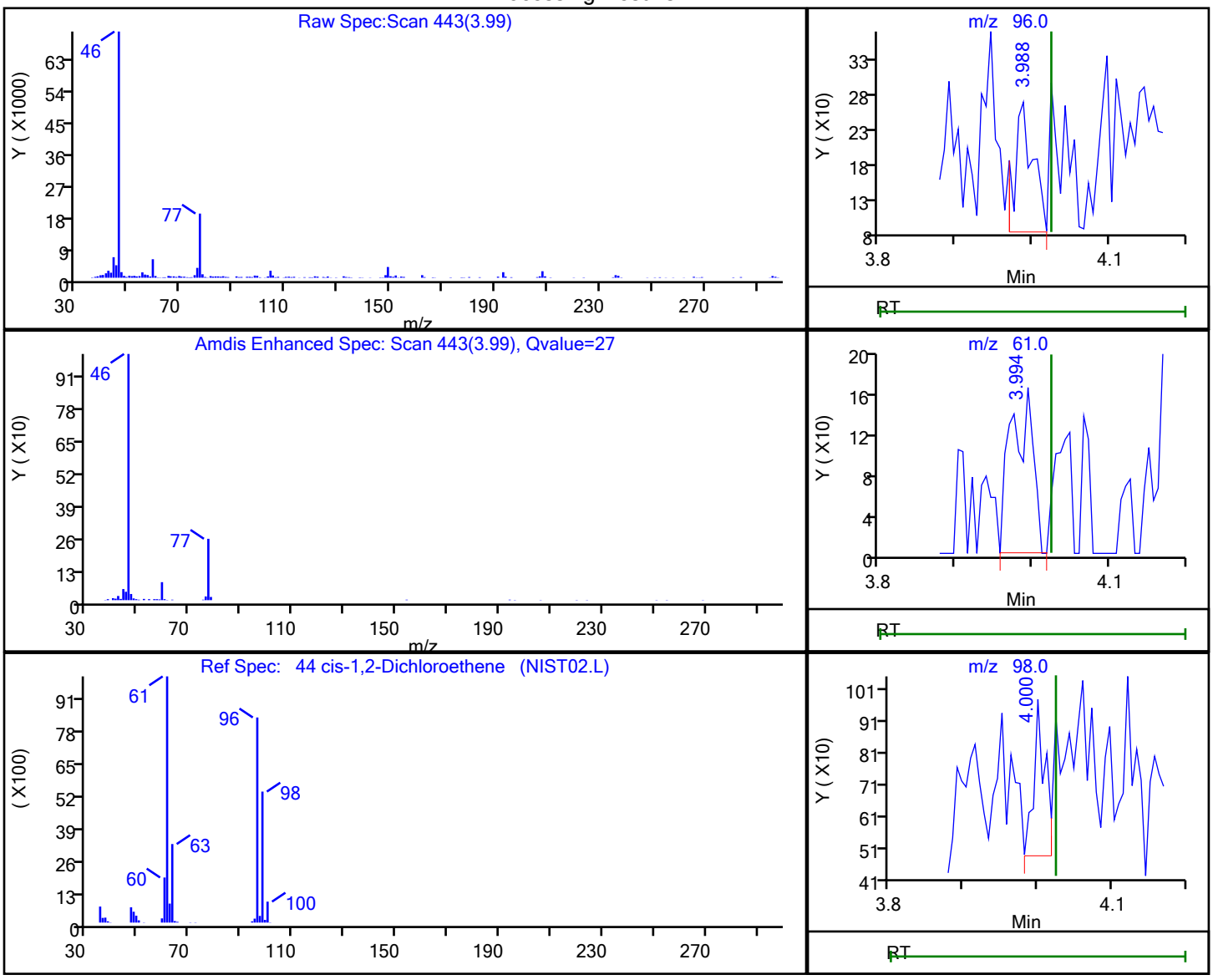
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.99	96.00	305	0.074801
3.99	61.00	324	
4.00	98.00	517	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

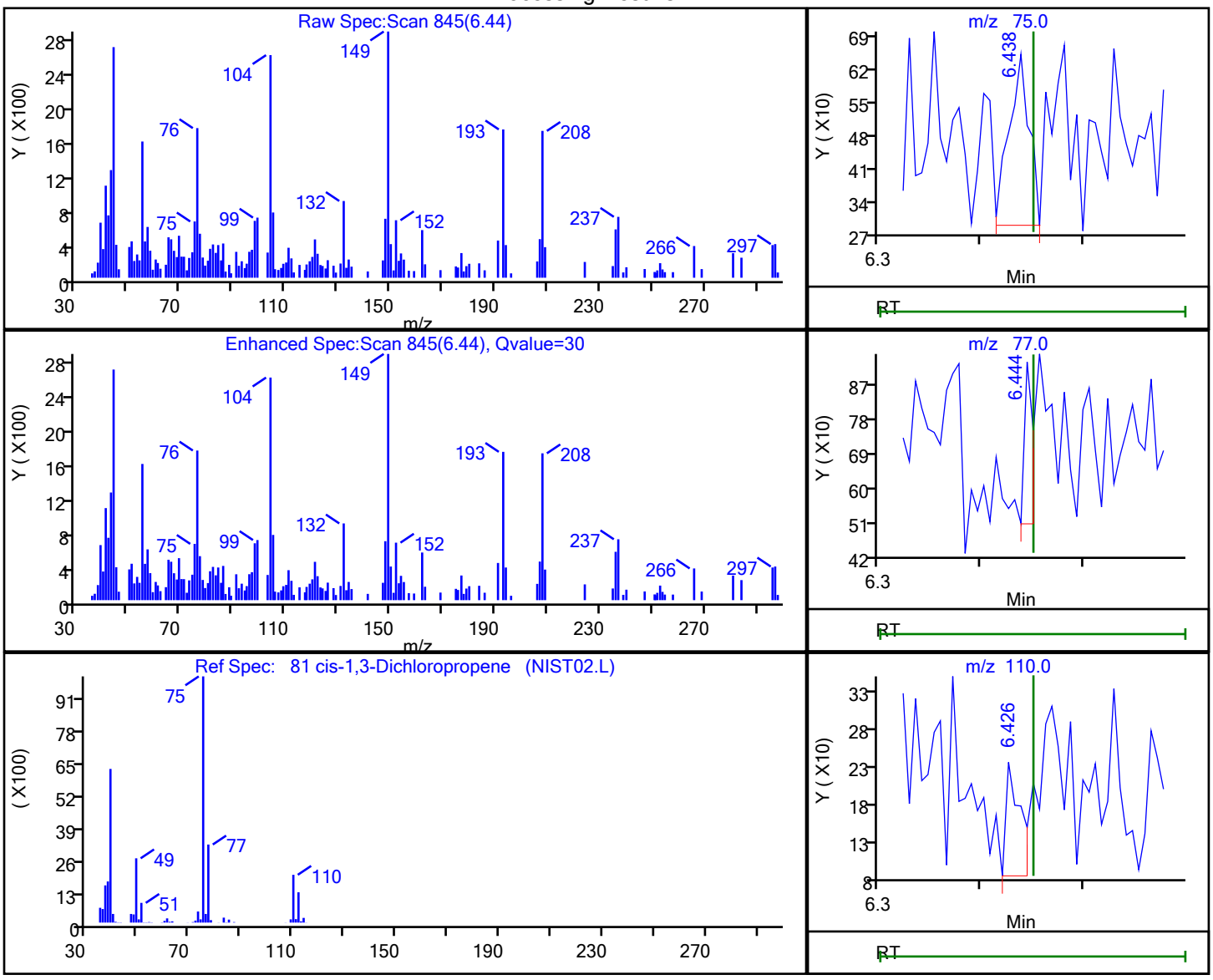
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.44	75.00	504	0.120907
6.44	77.00	240	
6.43	110.00	144	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

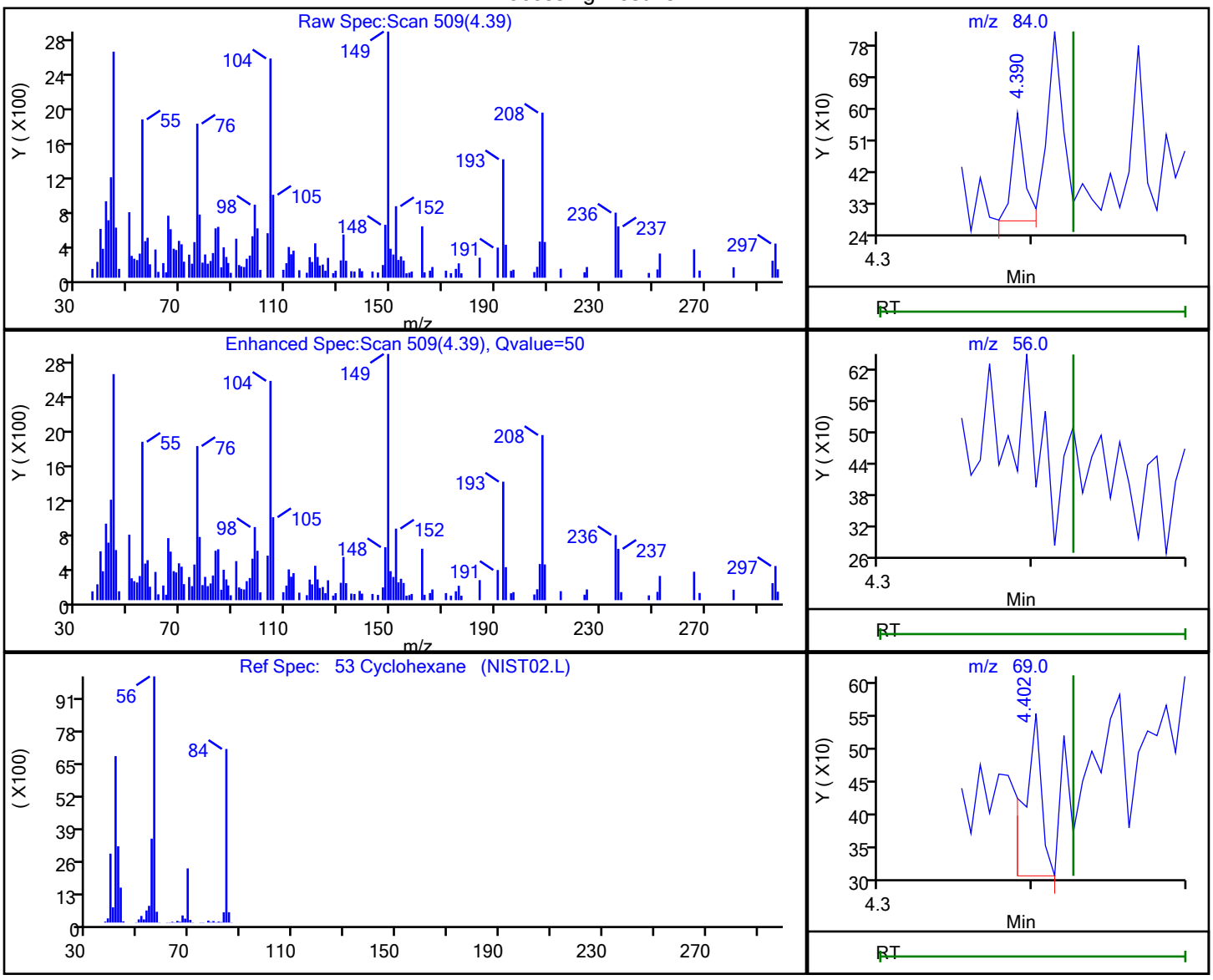
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.39	84.00	174	0.033926
4.40	56.00	1577	
4.40	69.00	184	

Reviewer: FK2C, 09-May-2024 09:06:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

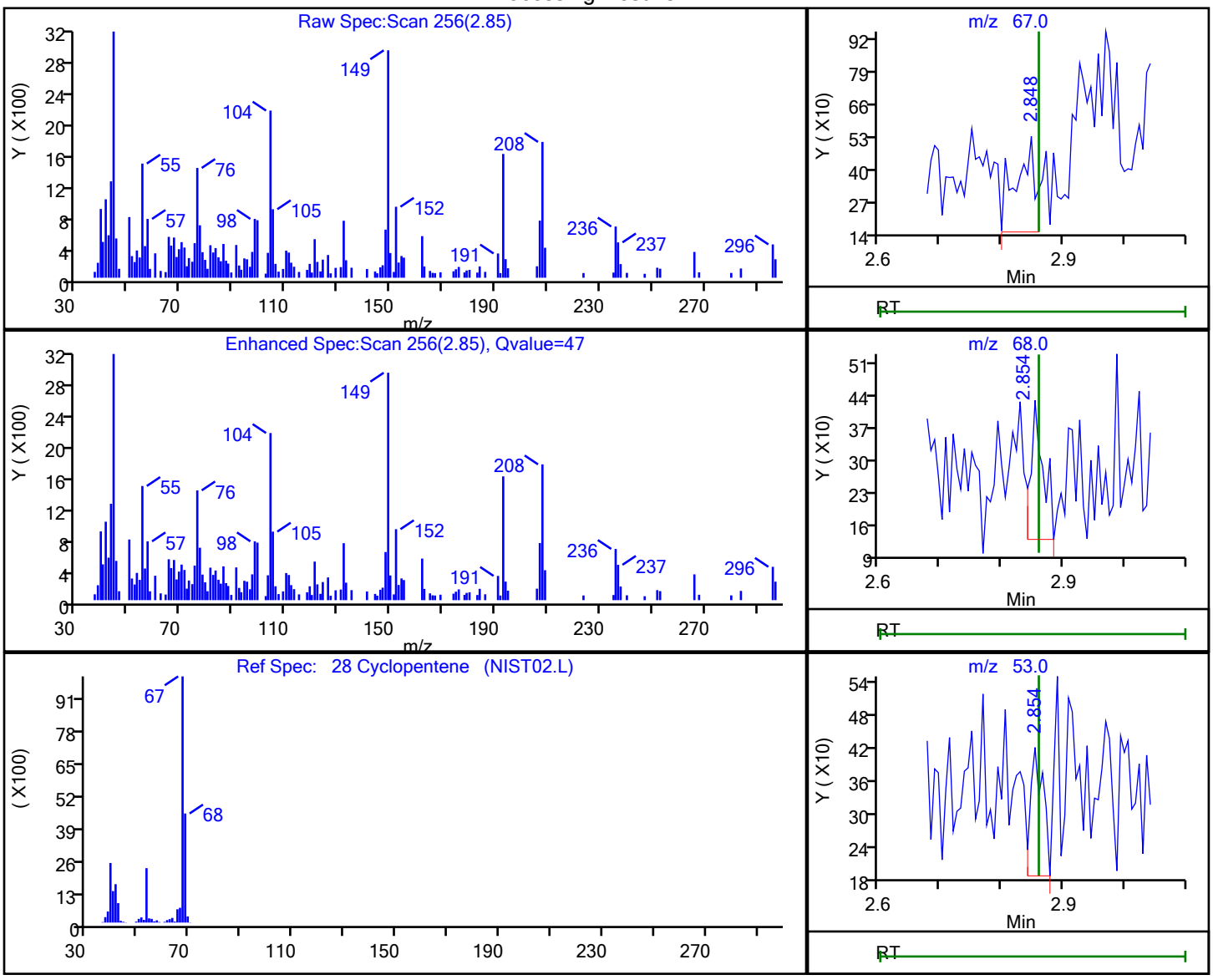
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.85	67.00	796	0.115402
2.85	68.00	420	
2.85	53.00	330	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

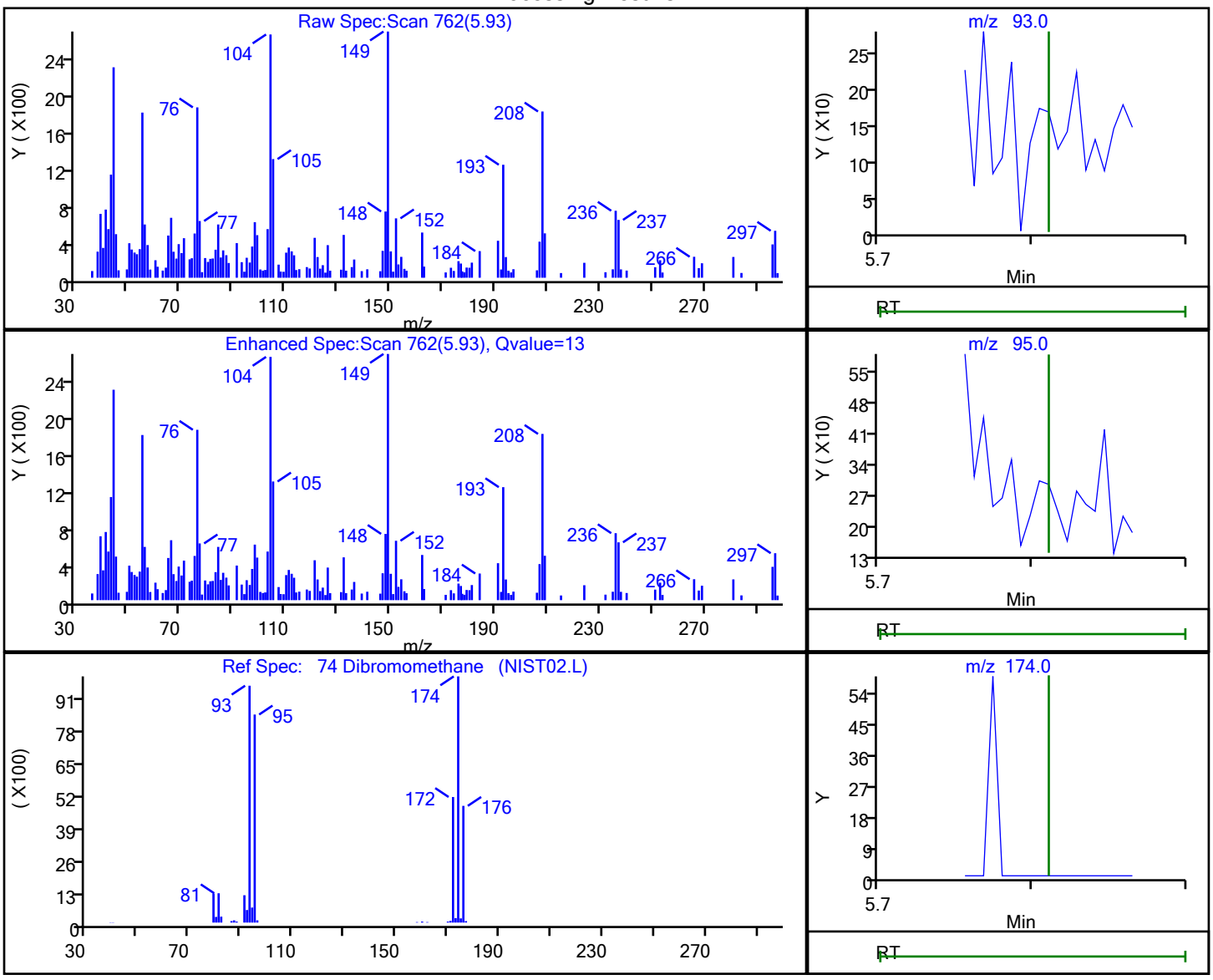
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
5.93	93.00	165	0.108067
5.93	95.00	213	
5.94	174.00	56	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

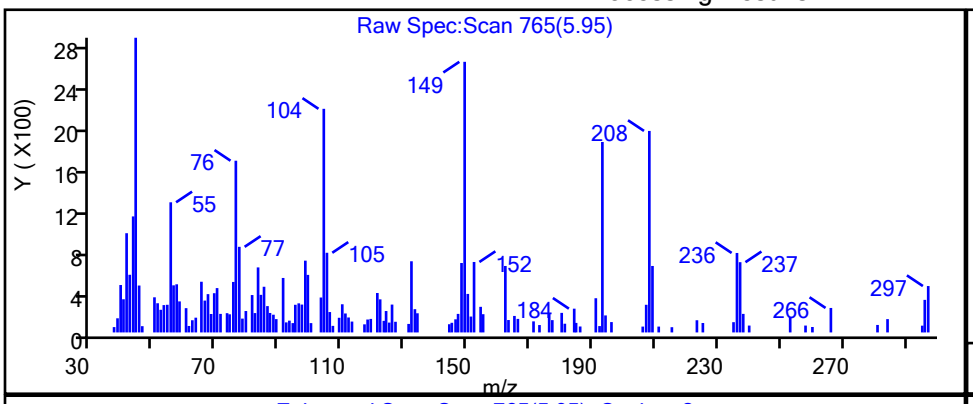
User Disabled Compound Report

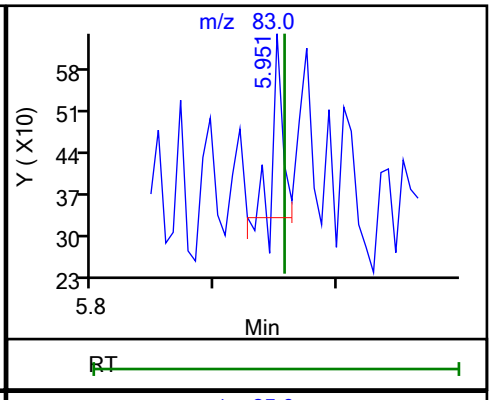
Eurofins Edison

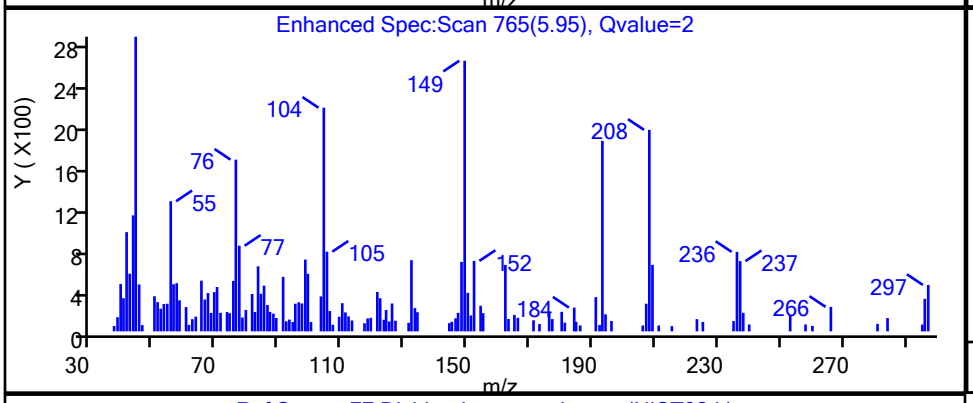
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

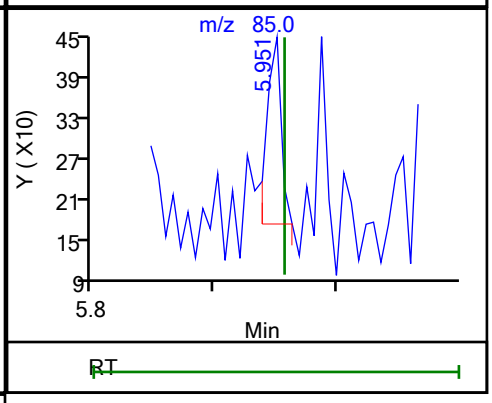
77 Dichlorobromomethane, CAS: 75-27-4

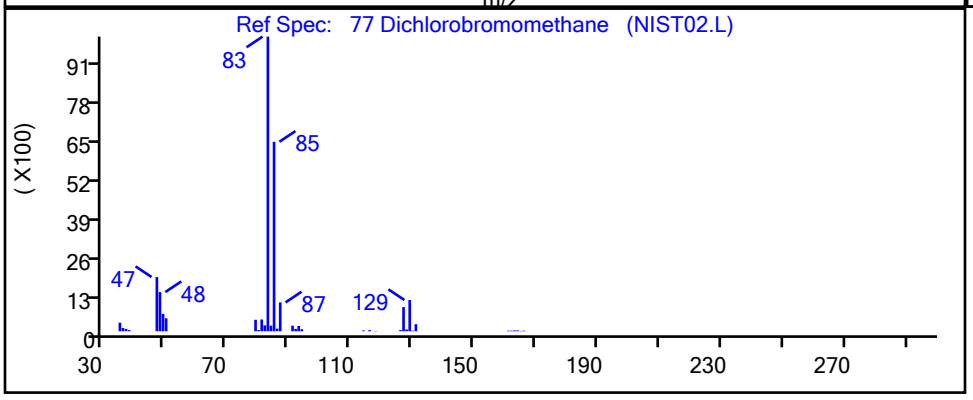
Processing Results











RT	Mass	Response	Amount
5.95	83.00	157	0.037357
5.95	85.00	217	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

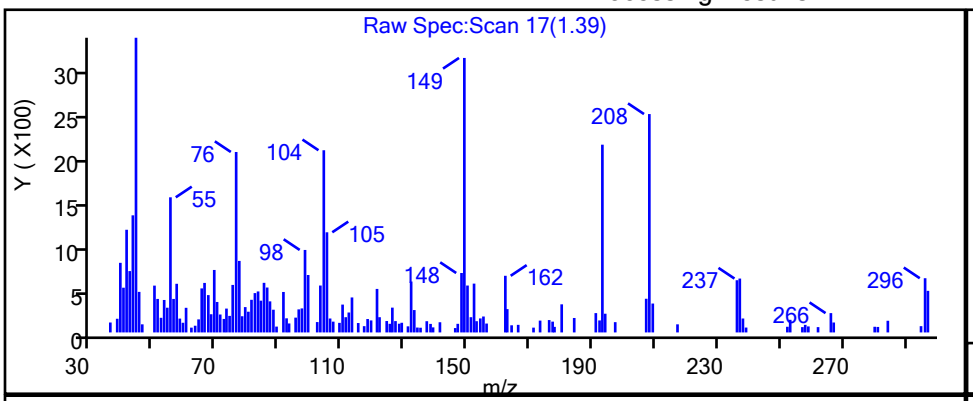
User Disabled Compound Report

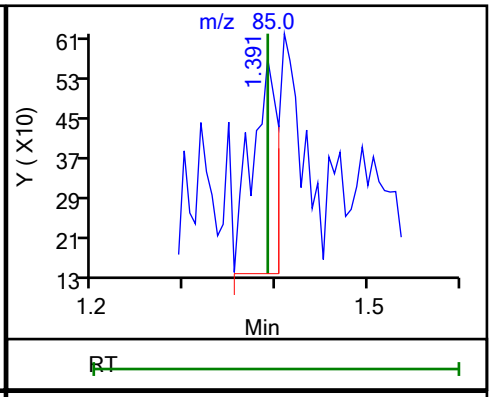
Eurofins Edison

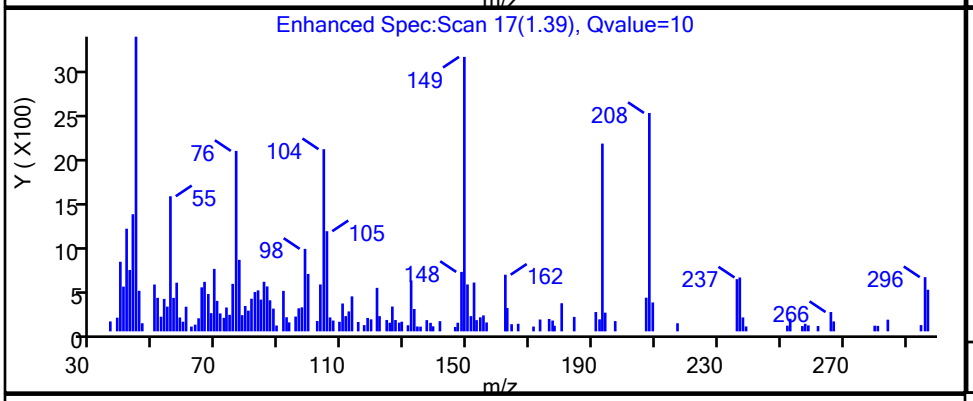
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

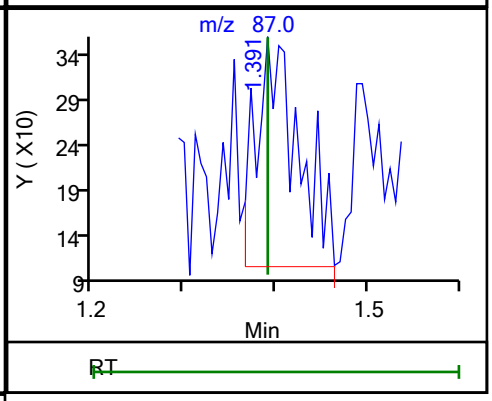
4 Dichlorodifluoromethane, CAS: 75-71-8

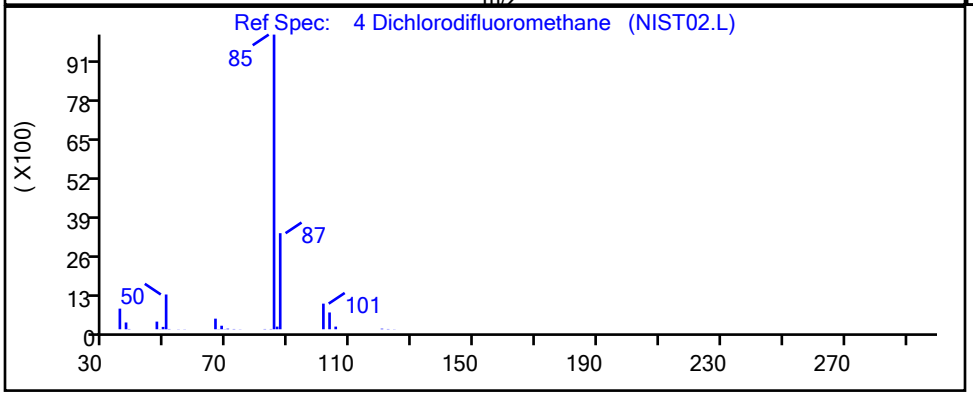
Processing Results











RT	Mass	Response	Amount
1.39	85.00	828	0.205019
1.39	87.00	812	

Reviewer: FK2C, 09-May-2024 09:06:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

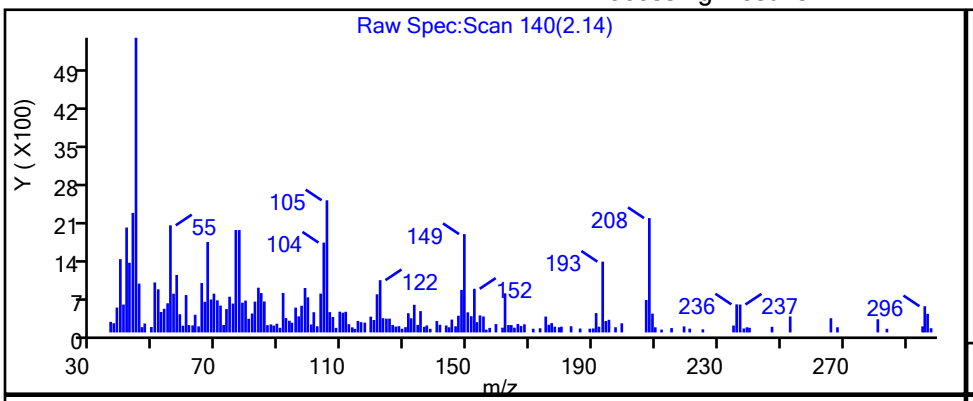
User Disabled Compound Report

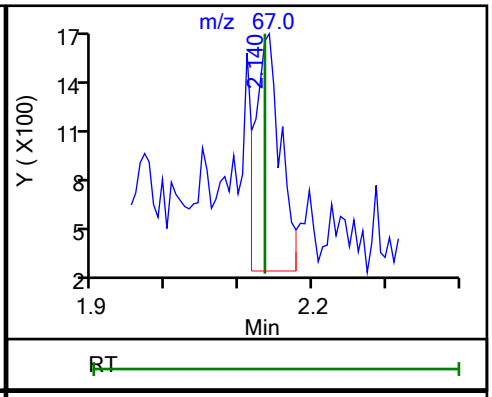
Eurofins Edison

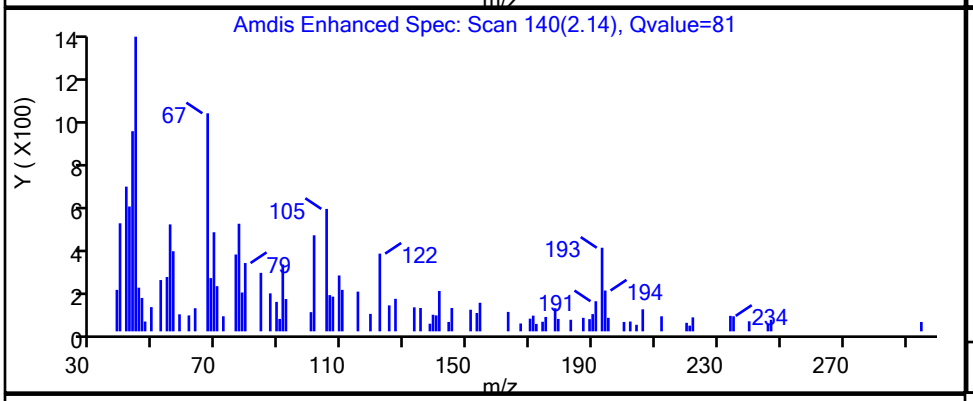
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

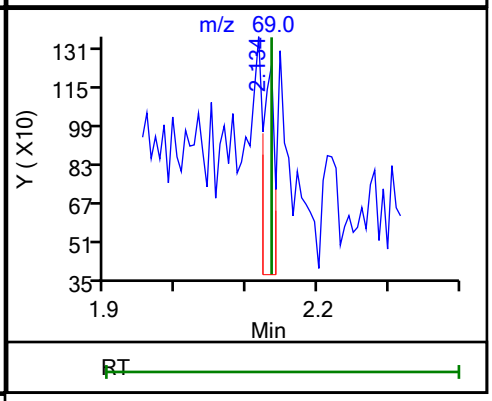
11 Dichlorofluoromethane, CAS: 75-43-4

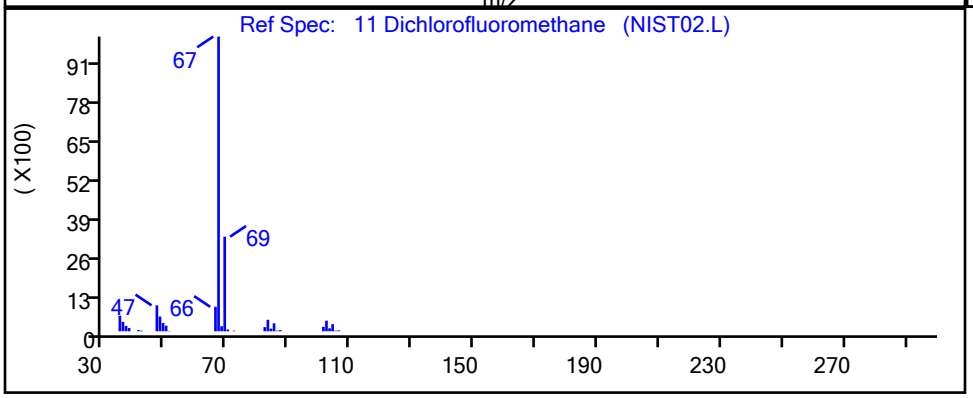
Processing Results











RT	Mass	Response	Amount
2.14	67.00	3437	0.514105
2.13	69.00	957	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

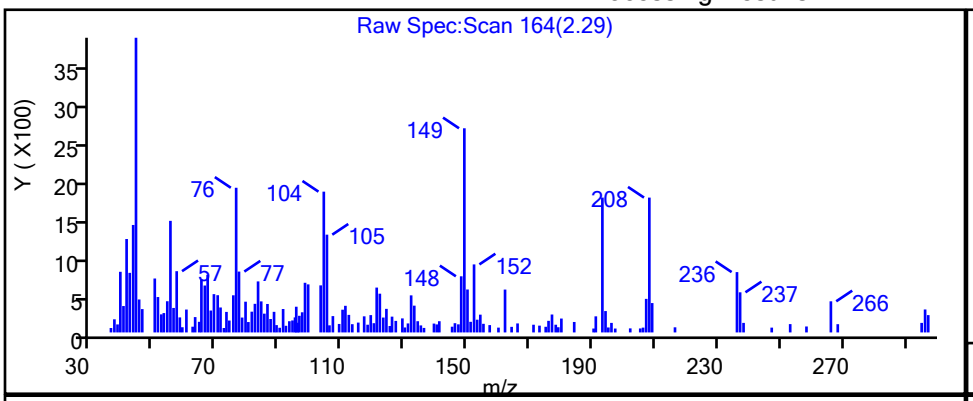
User Disabled Compound Report

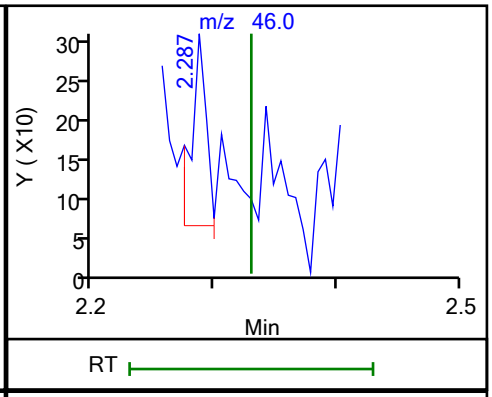
Eurofins Edison

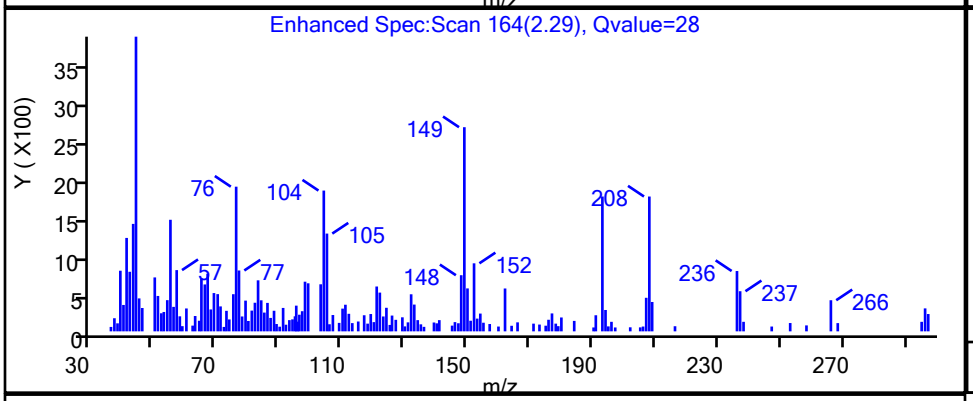
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

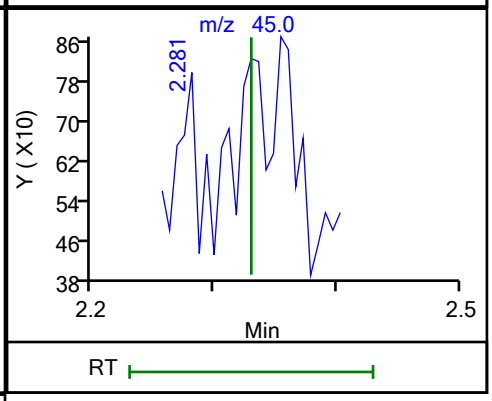
14 Ethanol, CAS: 64-17-5

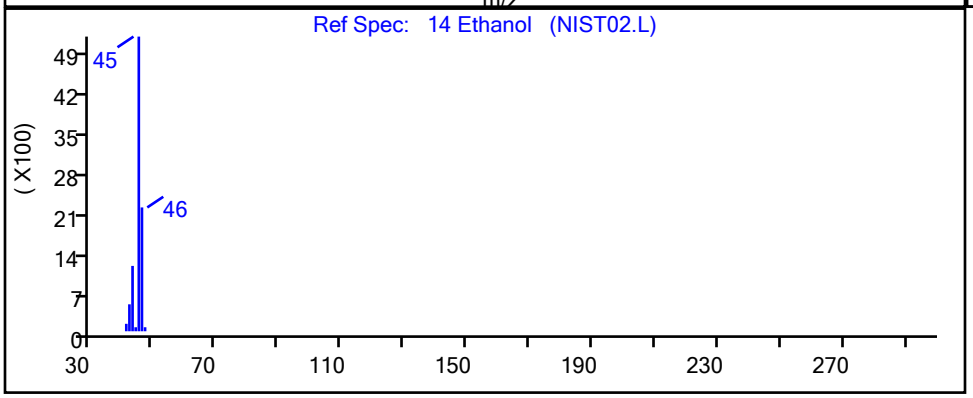
Processing Results











RT	Mass	Response	Amount
2.29	46.00	210	28.231425
2.28	45.00	675	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

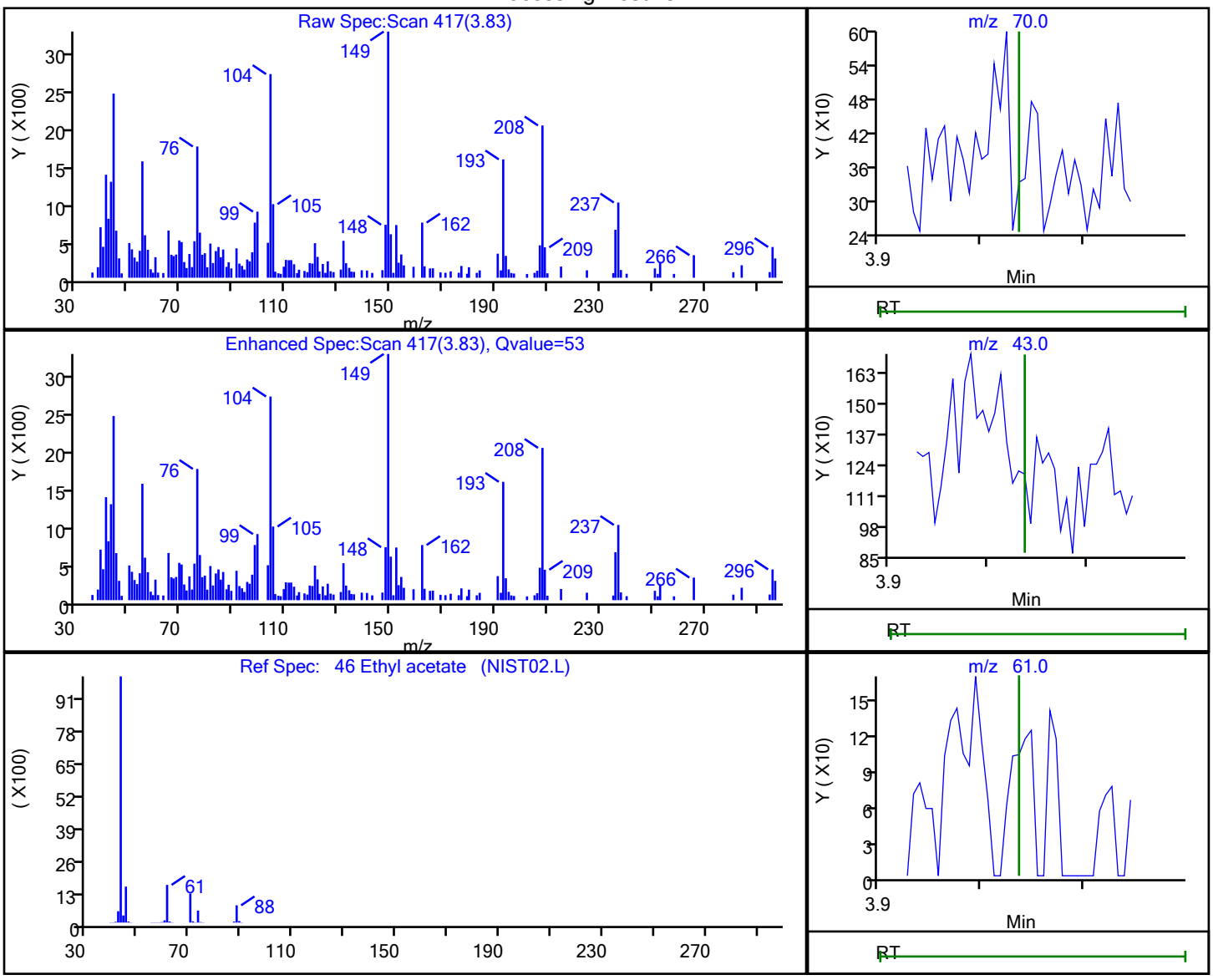
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.83	70.00	284	1.285533
3.84	43.00	723	
4.04	61.00	0	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

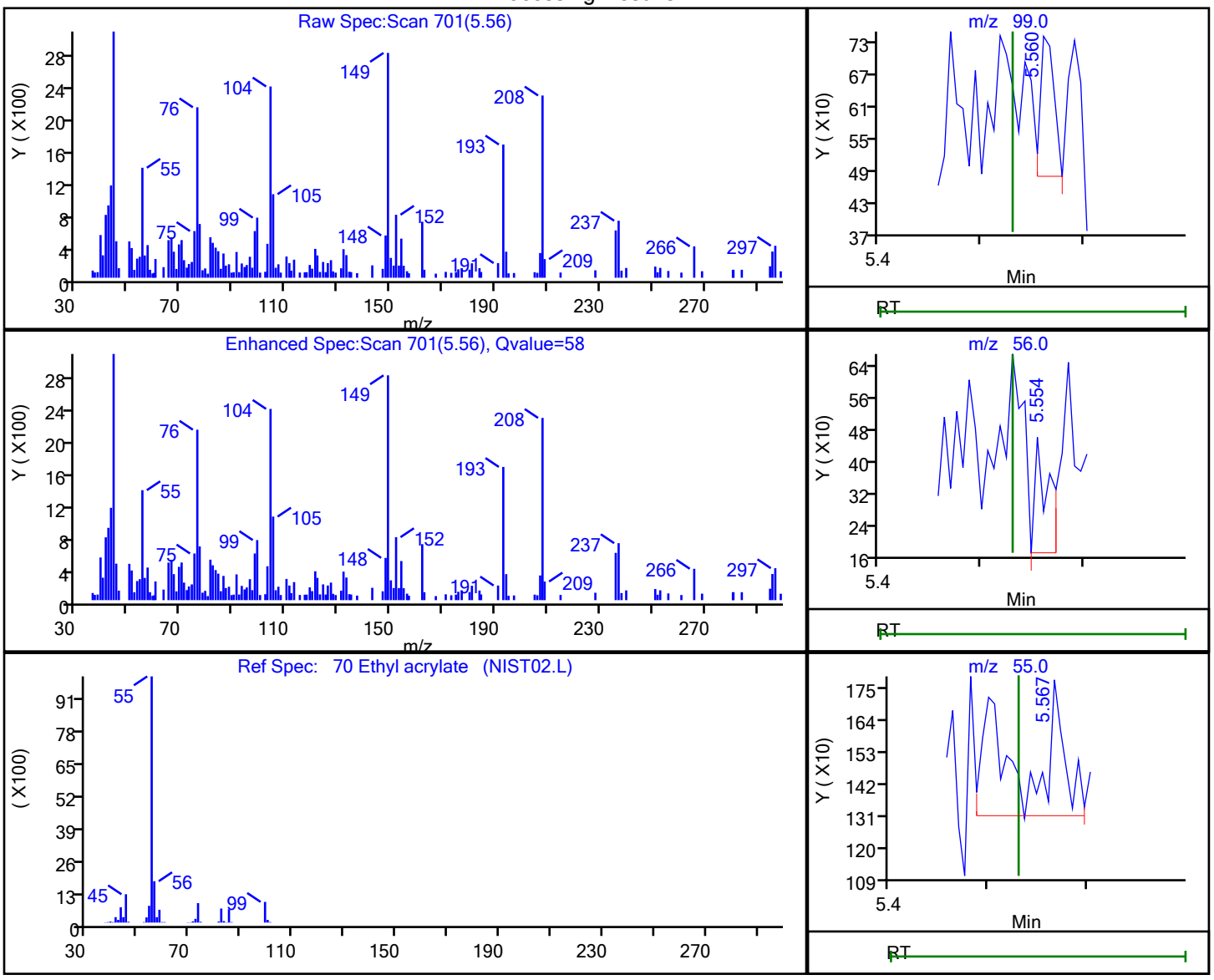
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.56	99.00	250	0.656951
5.55	56.00	277	
5.57	55.00	1243	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

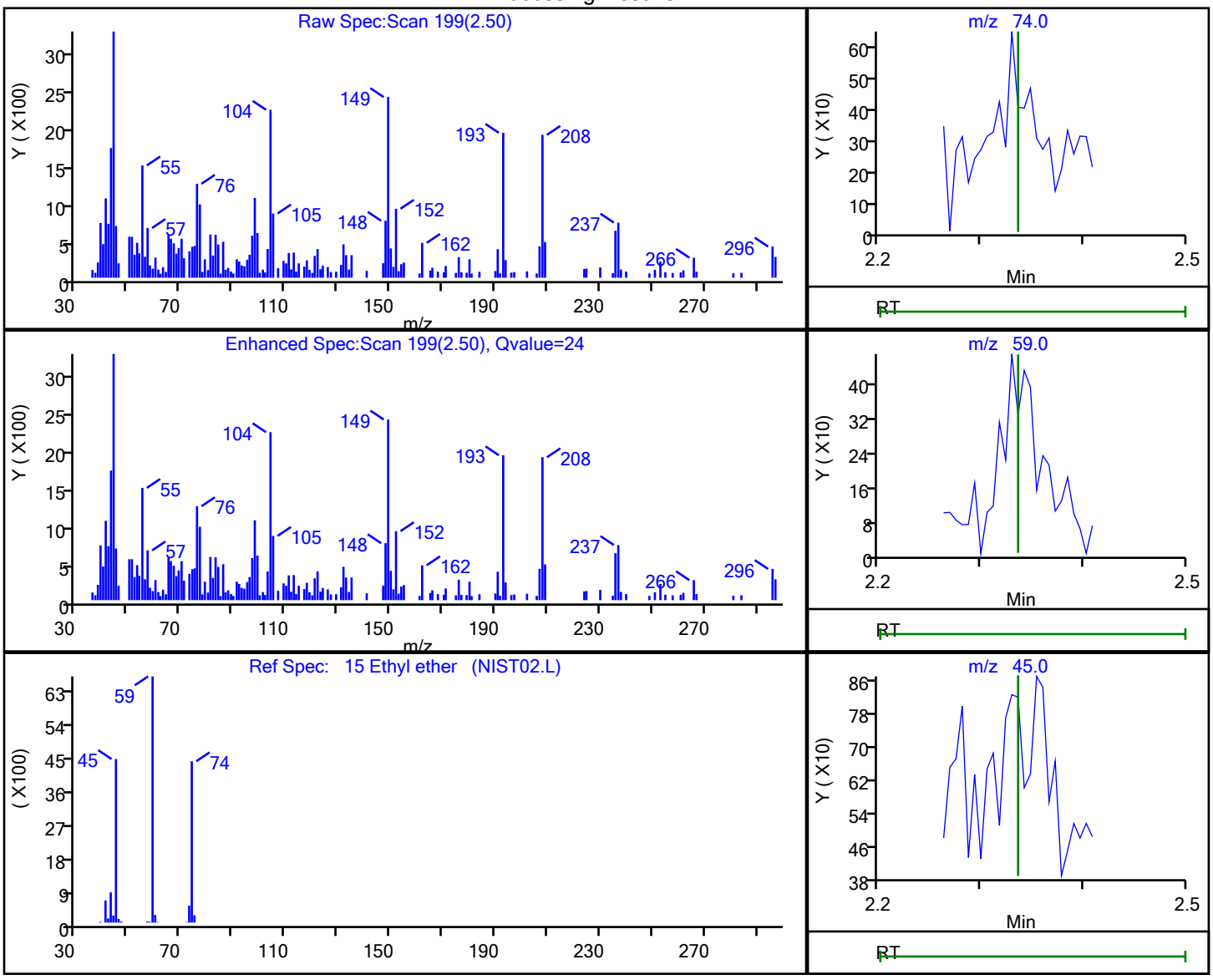
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.50	74.00	159	0.098636
2.49	59.00	199	
2.50	45.00	210	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

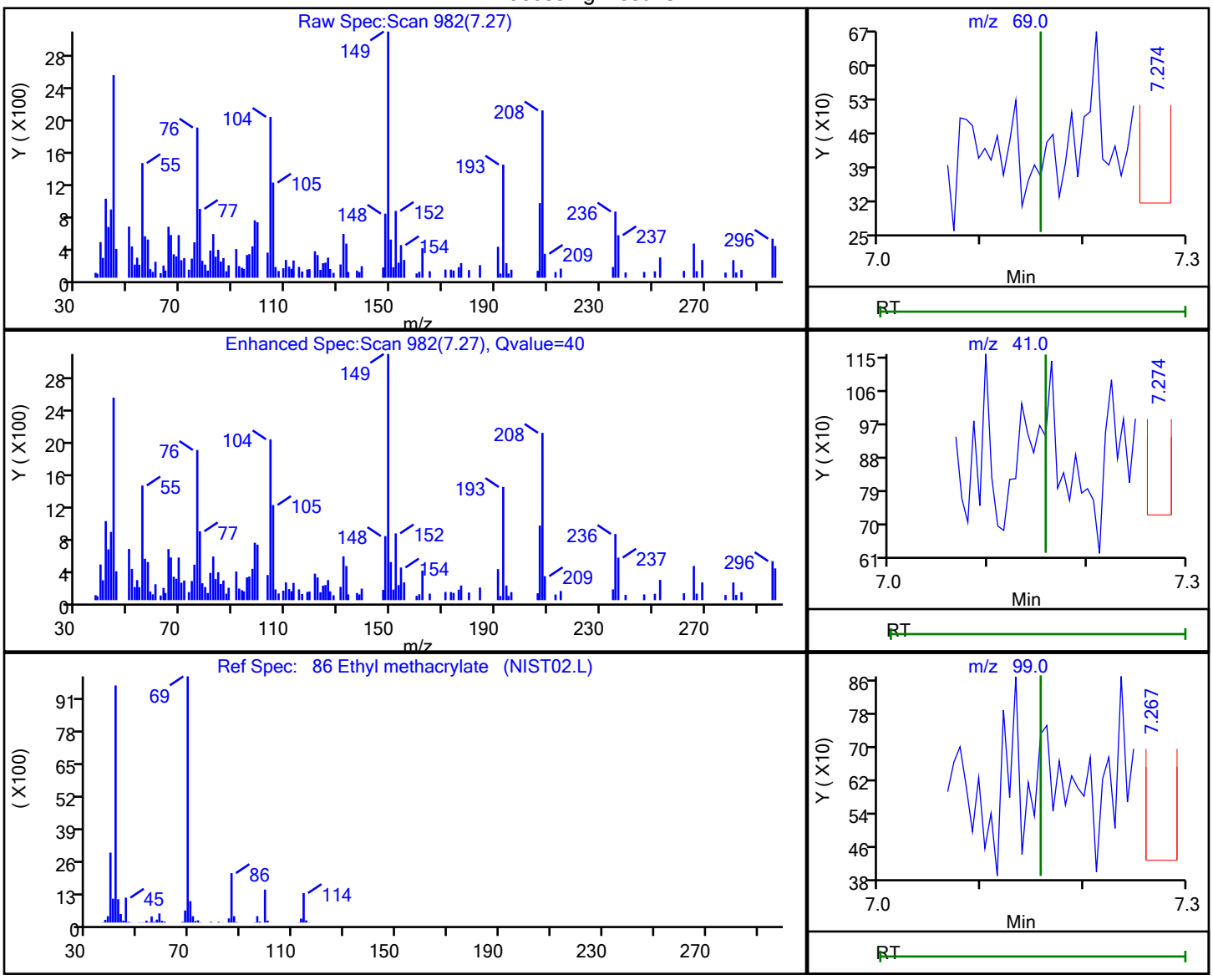
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.27	69.00	244	0.099552
7.27	41.00	223	
7.27	99.00	476	

Reviewer: FK2C, 09-May-2024 09:07:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

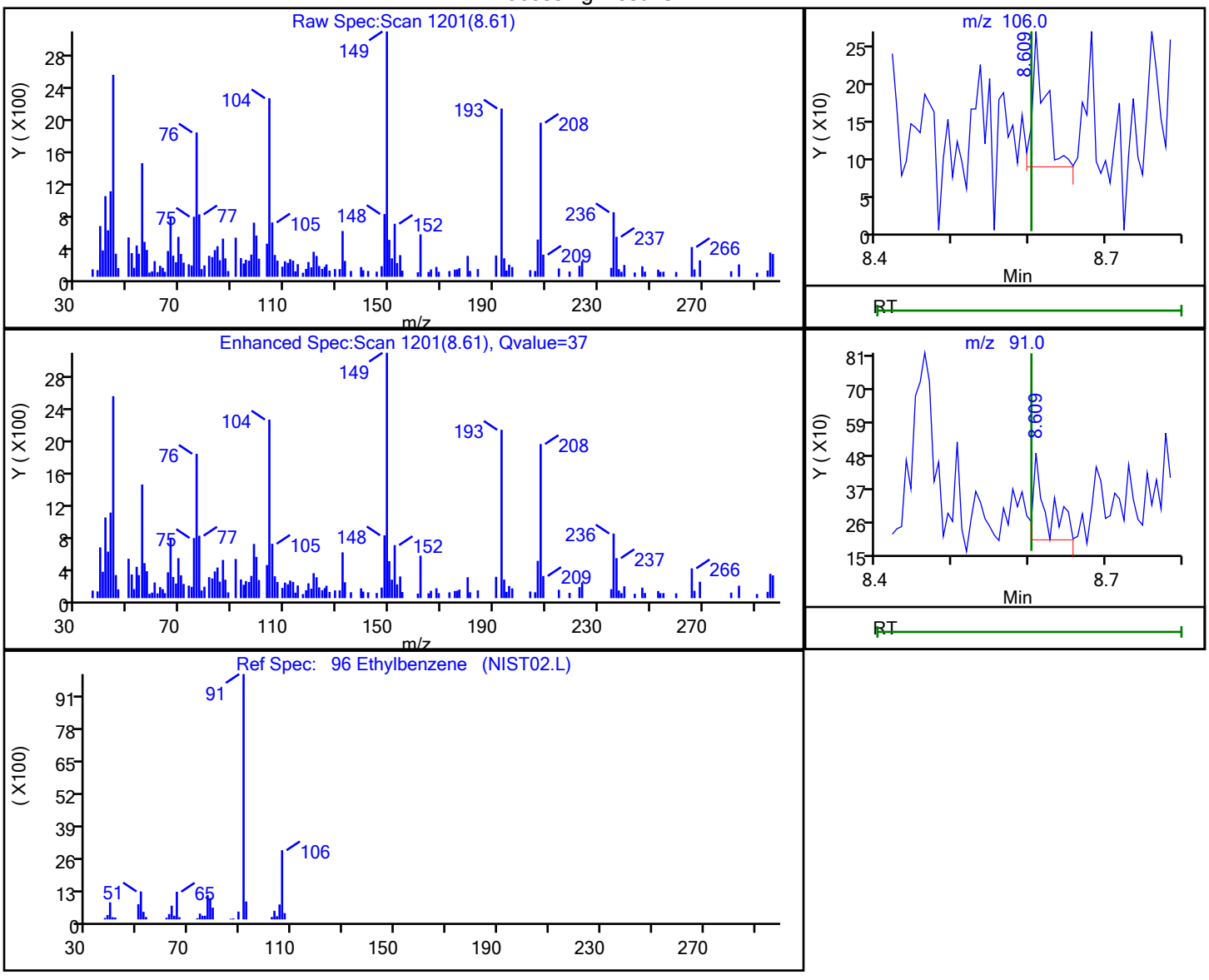
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.61	106.00	212	0.028925
8.61	91.00	341	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

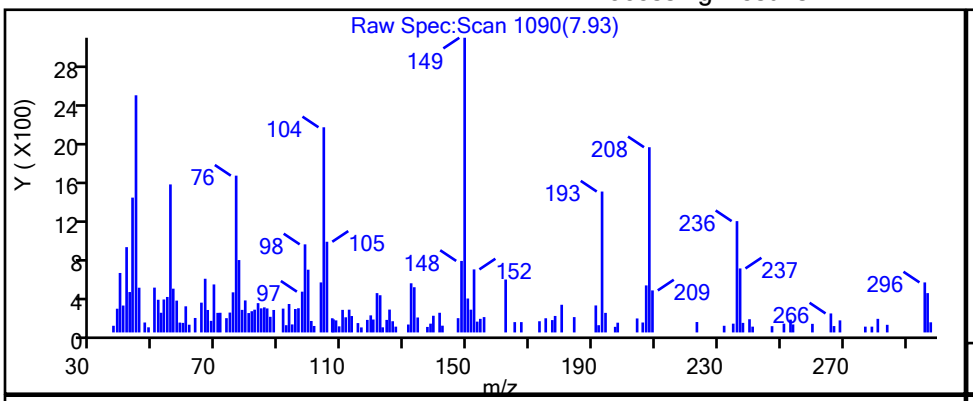
User Disabled Compound Report

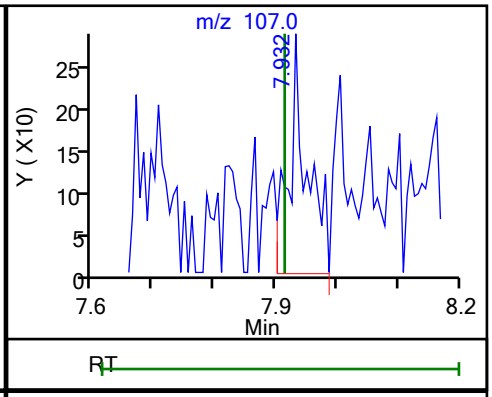
Eurofins Edison

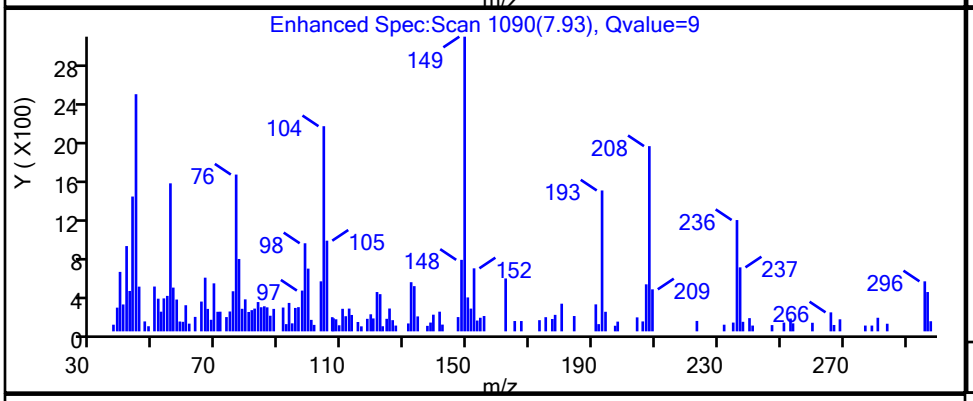
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

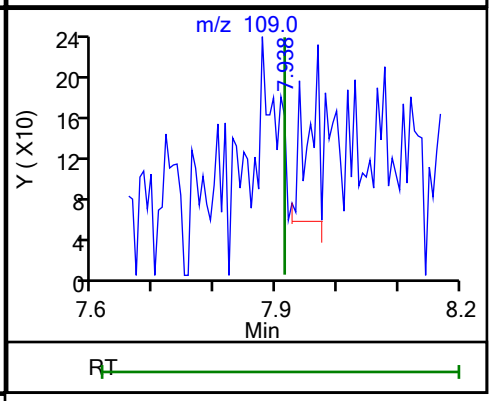
93 Ethylene Dibromide, CAS: 106-93-4

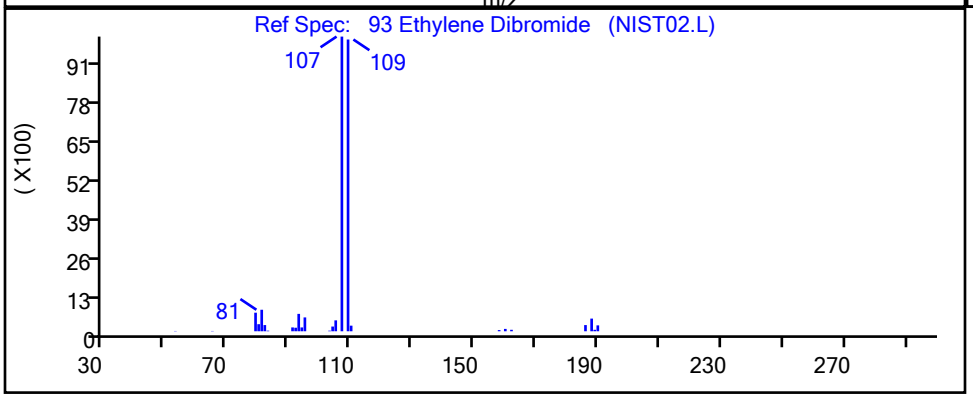
Processing Results











RT	Mass	Response	Amount
7.93	107.00	582	0.321860
7.94	109.00	230	

Reviewer: FK2C, 09-May-2024 09:07:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

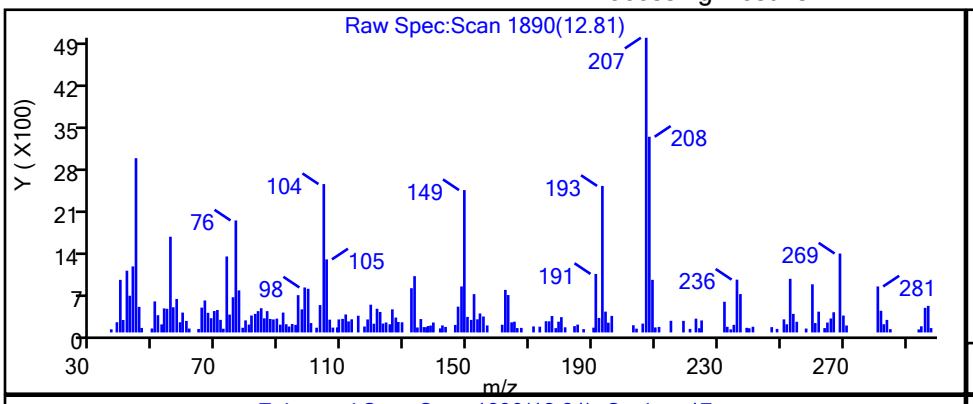
User Disabled Compound Report

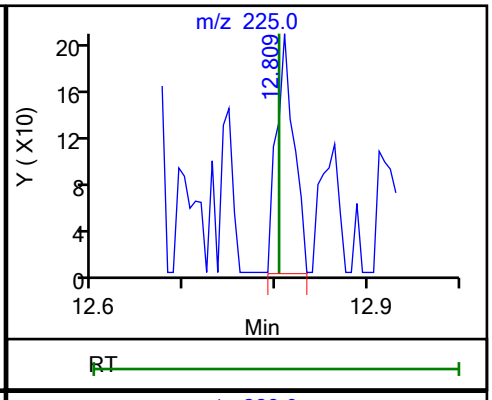
Eurofins Edison

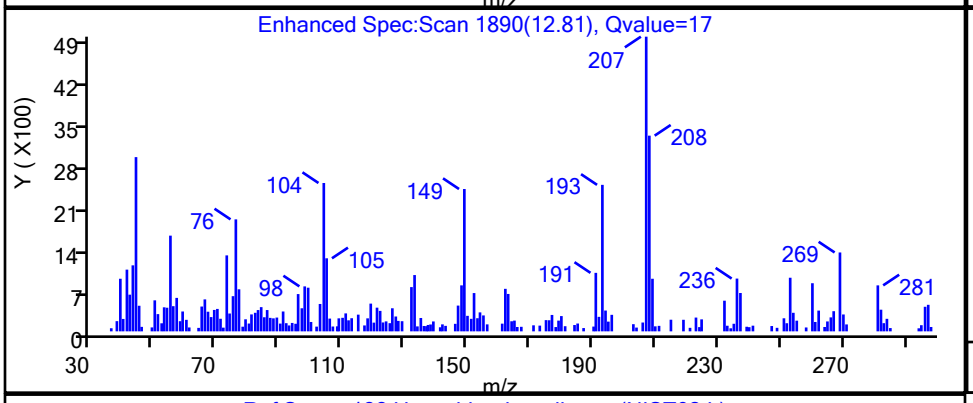
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

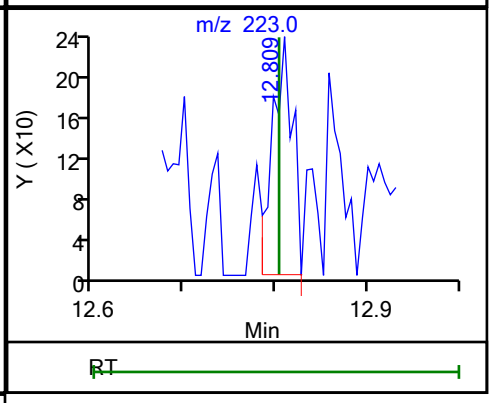
133 Hexachlorobutadiene, CAS: 87-68-3

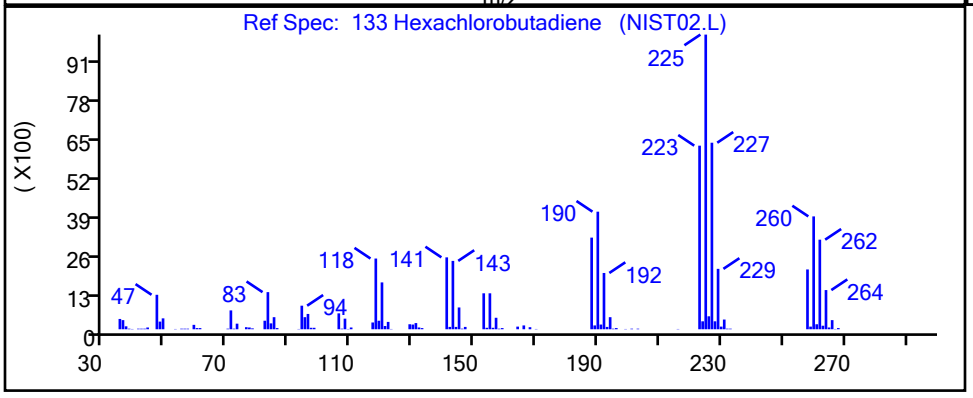
Processing Results











RT	Mass	Response	Amount
12.81	225.00	266	0.092035
12.81	223.00	357	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

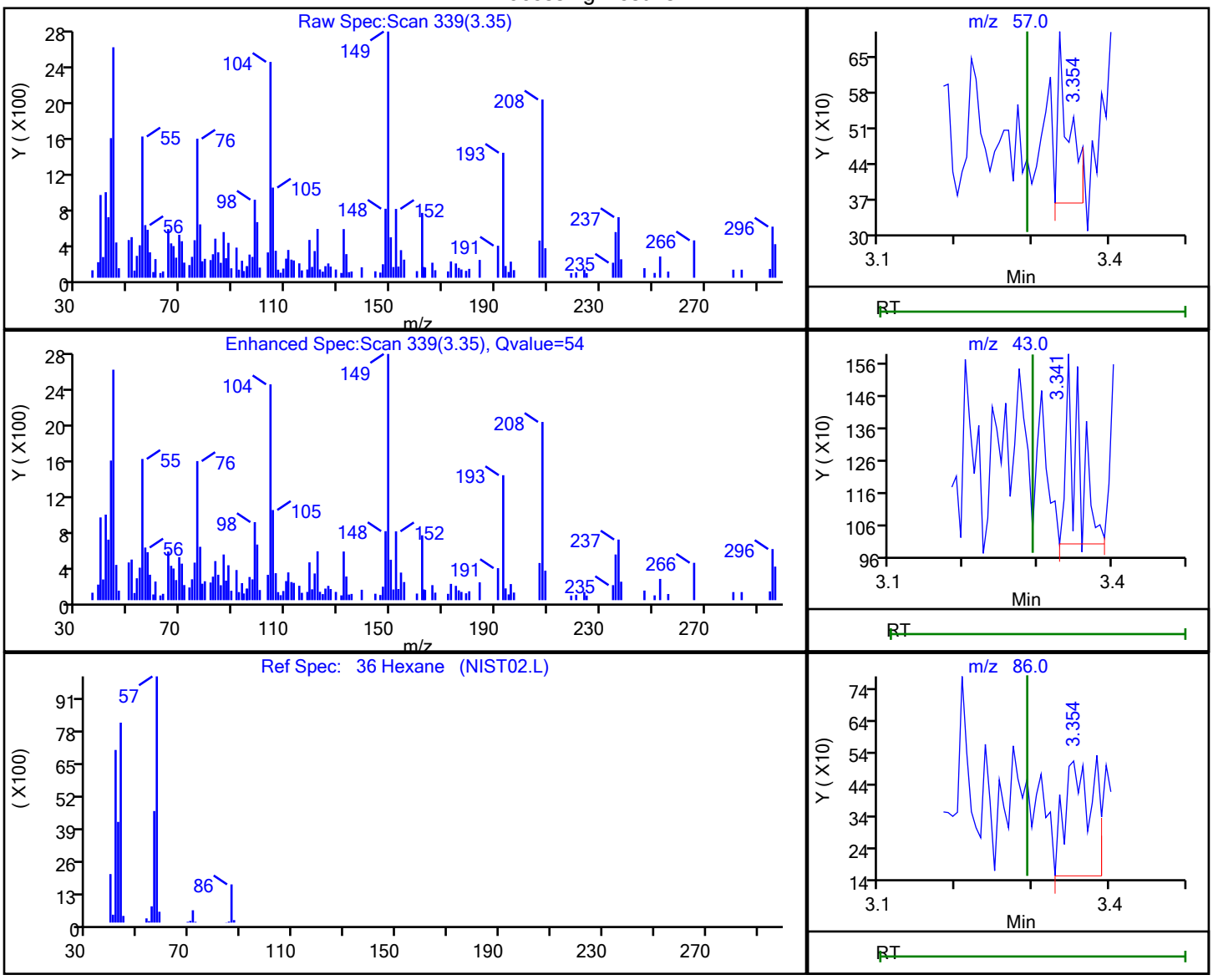
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
3.35	57.00	348	0.077496
3.34	43.00	709	
3.35	86.00	961	
3.36	56.00	219	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

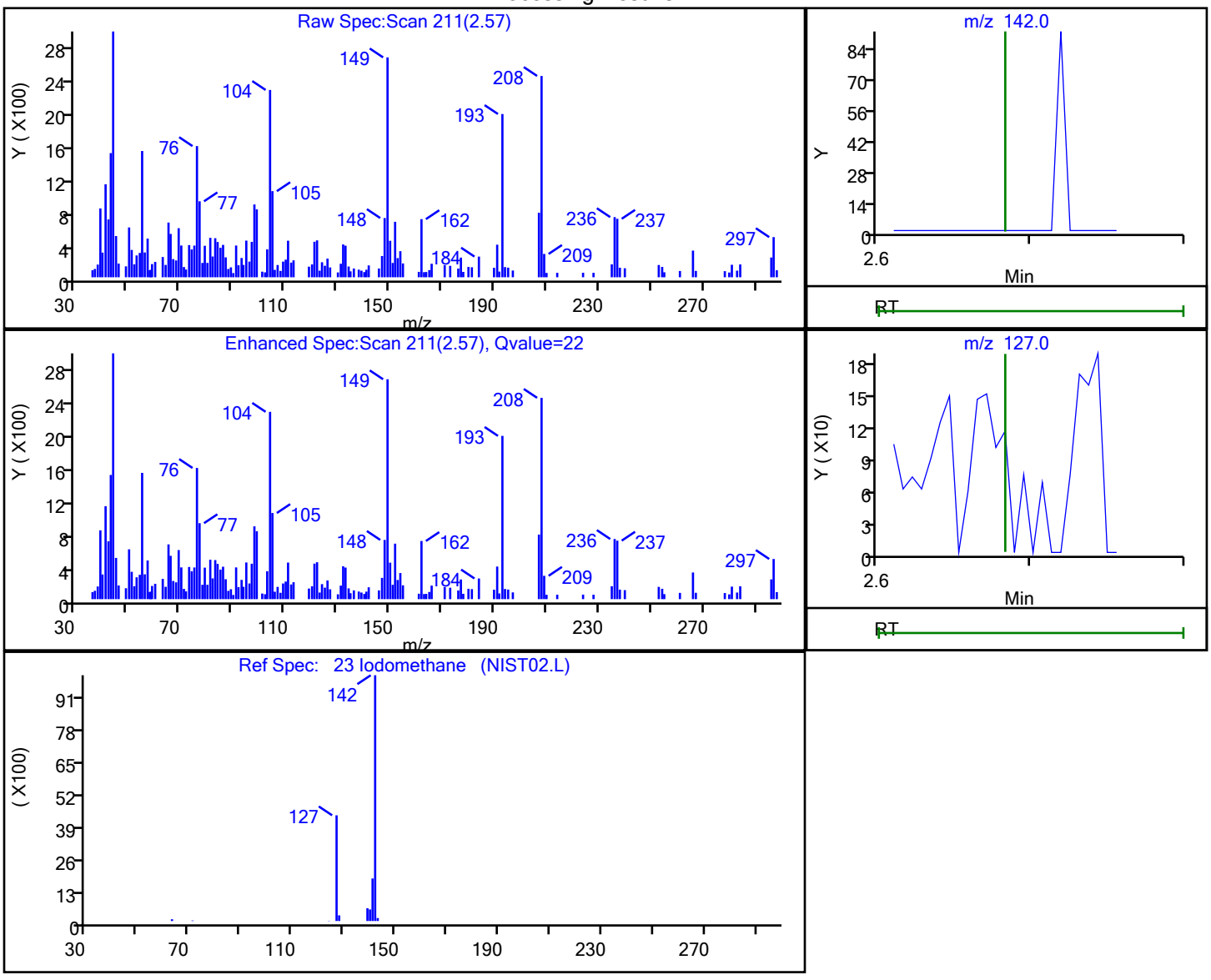
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.57	142.00	113	0.015692
2.57	127.00	181	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

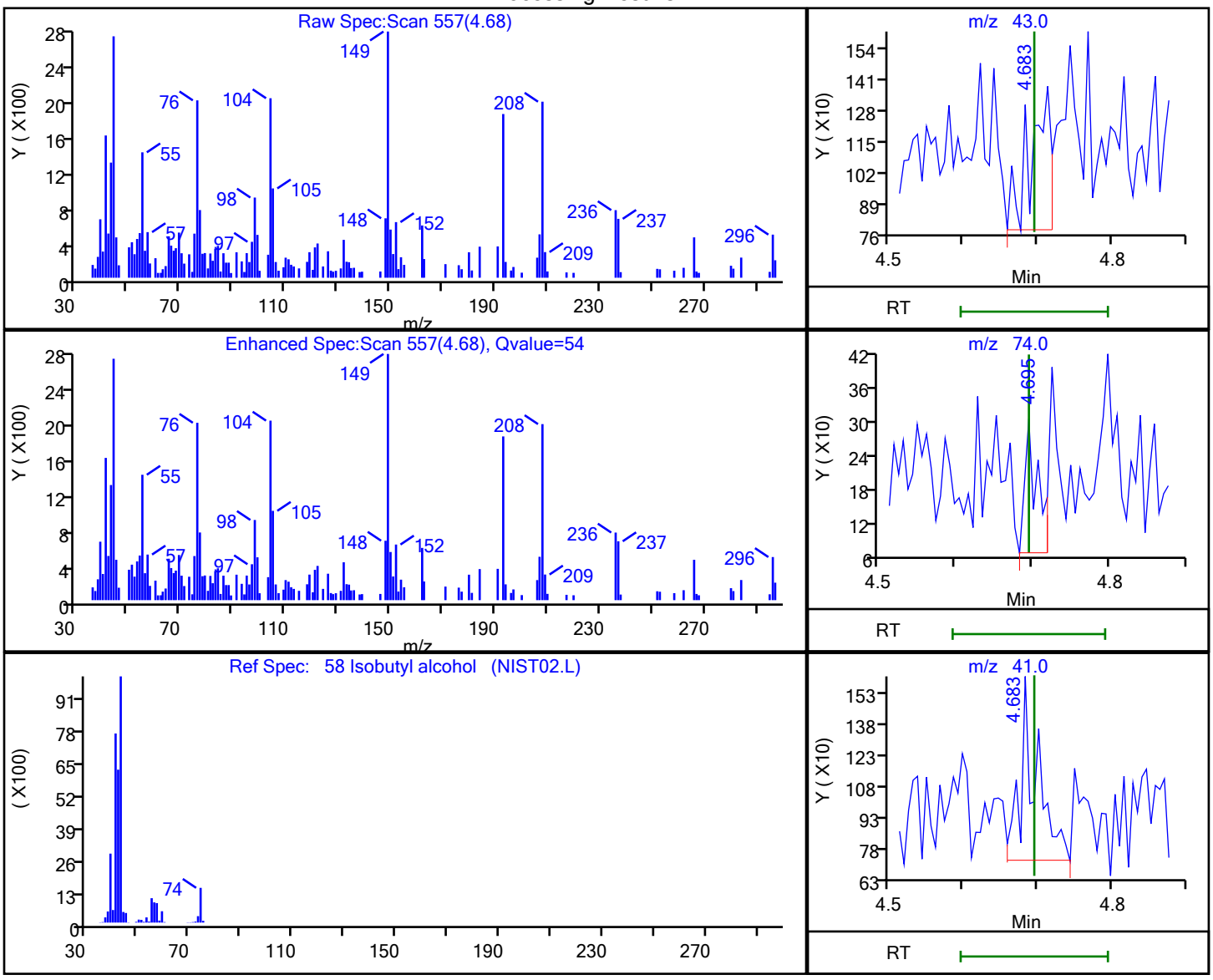
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.68	43.00	1146	15.581777
4.69	74.00	278	
4.68	41.00	1418	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

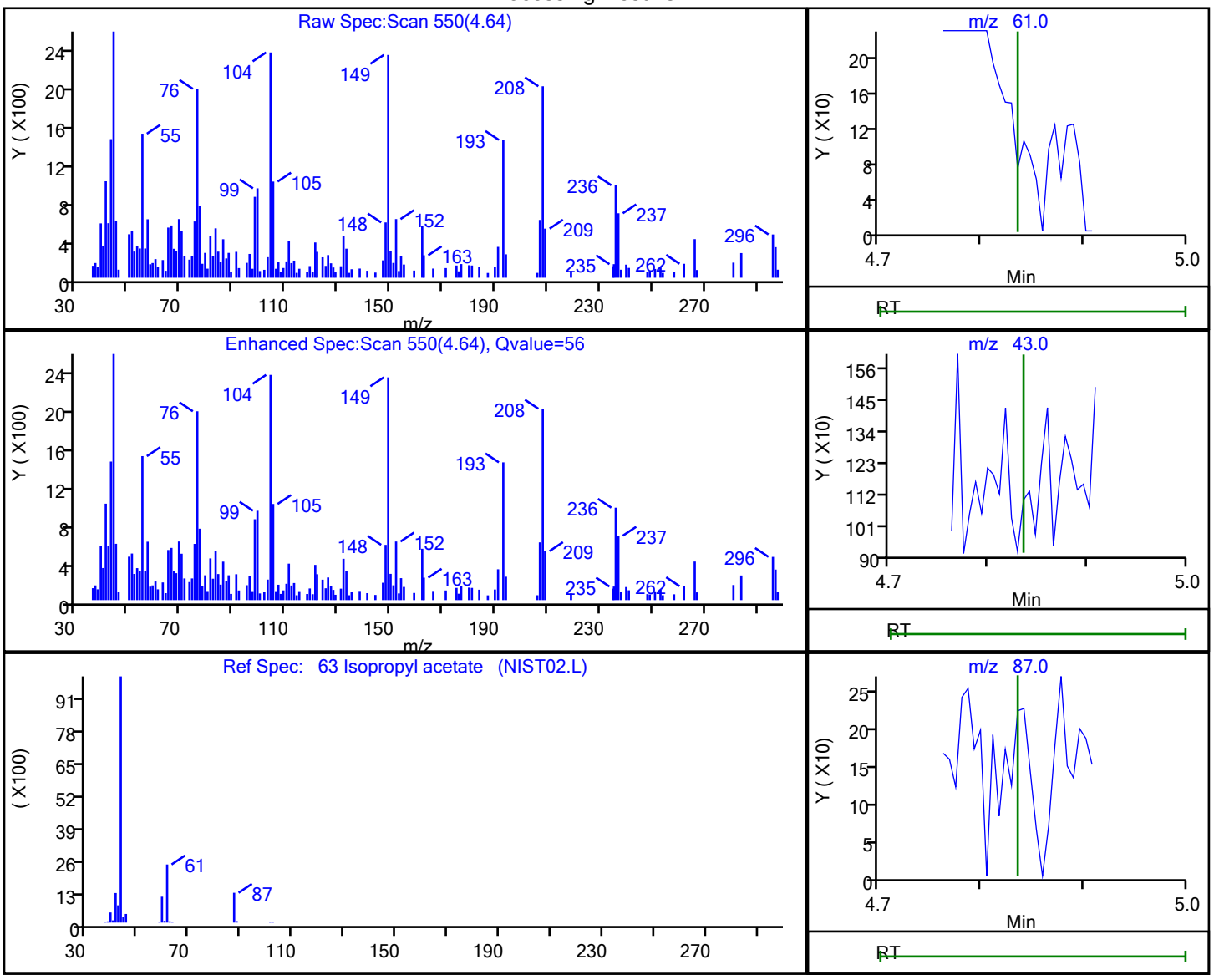
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.64	61.00	65	0.058336
4.64	43.00	806	
4.63	87.00	582	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

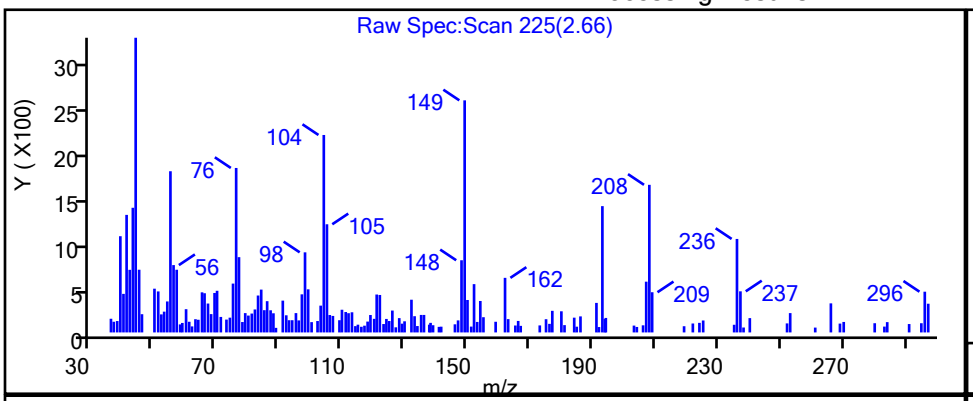
User Disabled Compound Report

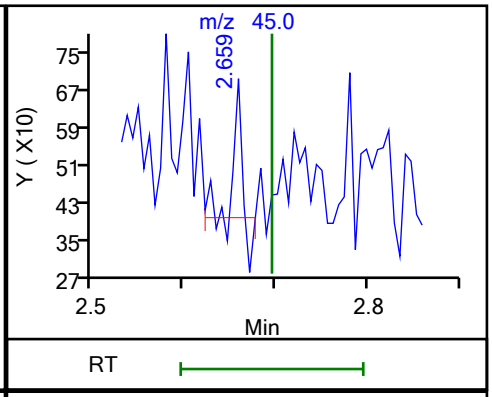
Eurofins Edison

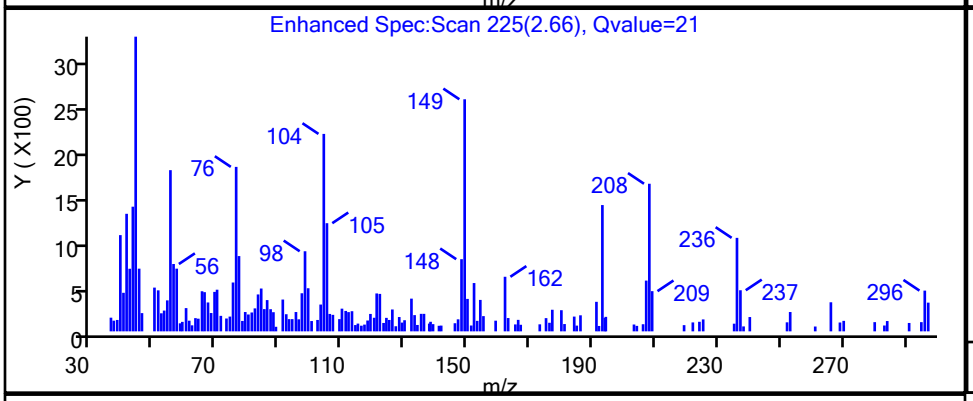
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

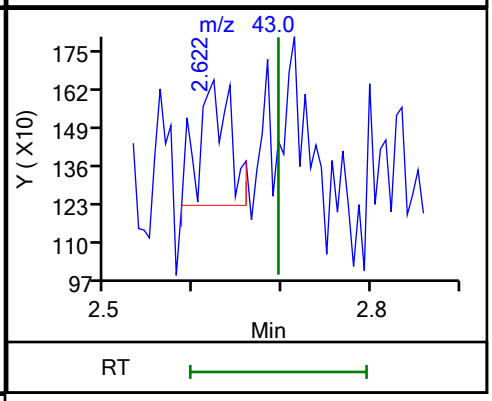
25 Isopropyl alcohol, CAS: 67-63-0

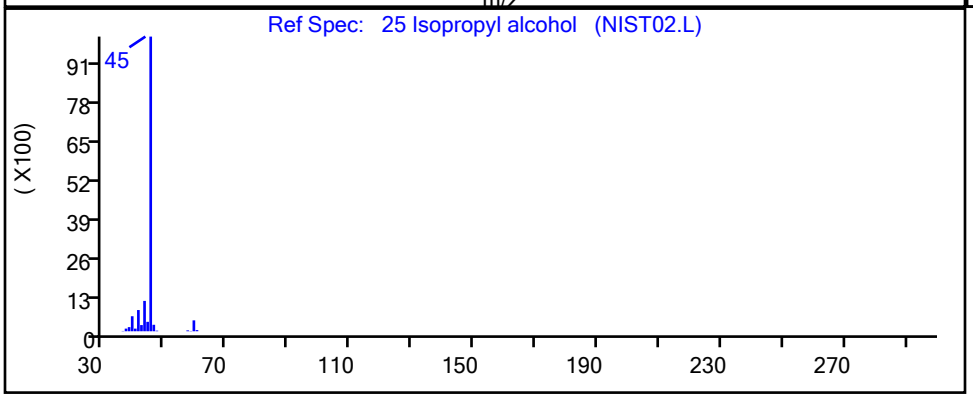
Processing Results











RT	Mass	Response	Amount
2.66	45.00	136	1.269292
2.62	43.00	1074	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

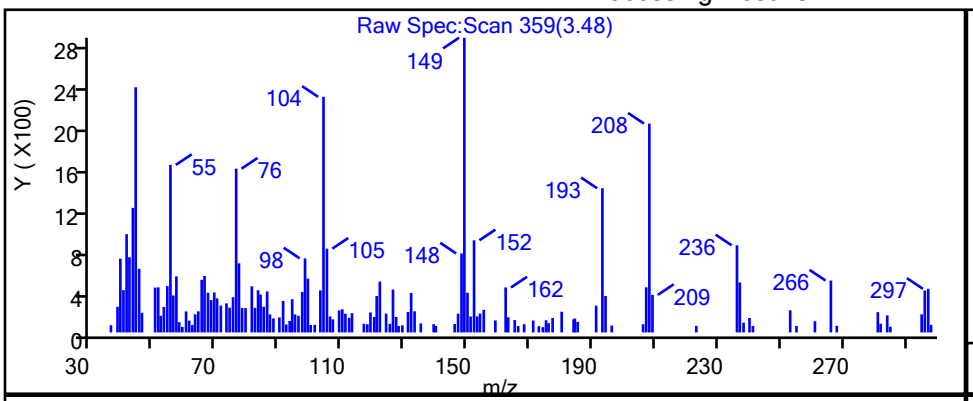
User Disabled Compound Report

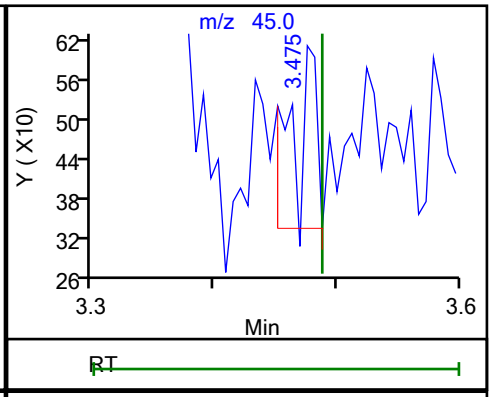
Eurofins Edison

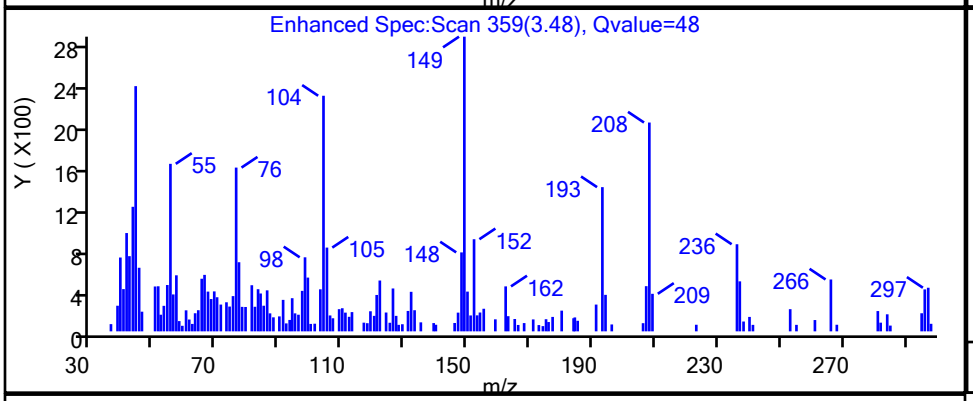
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

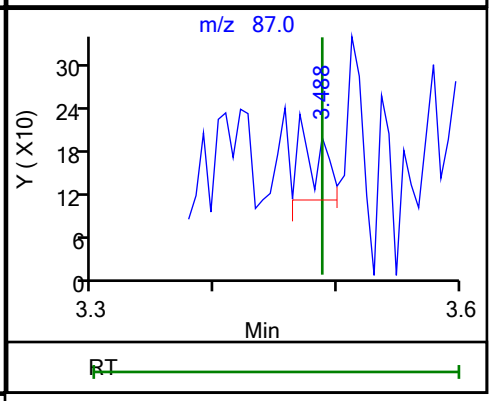
37 Isopropyl ether, CAS: 108-20-3

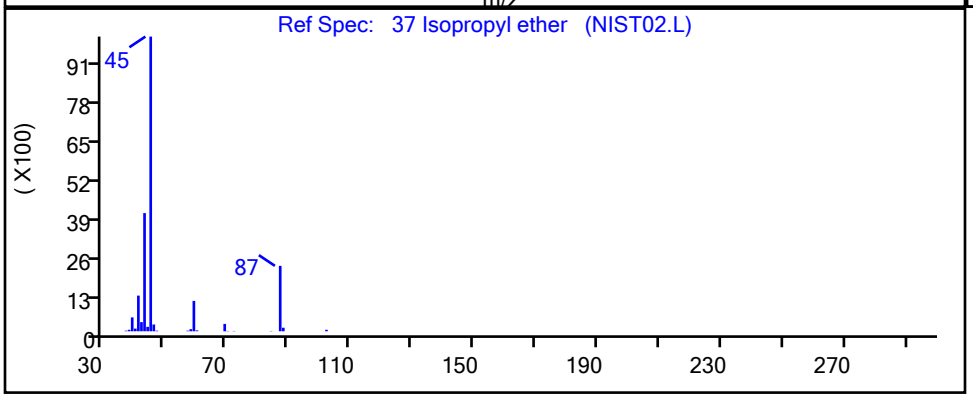
Processing Results











RT	Mass	Response	Amount
3.48	45.00	374	0.040201
3.49	87.00	130	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

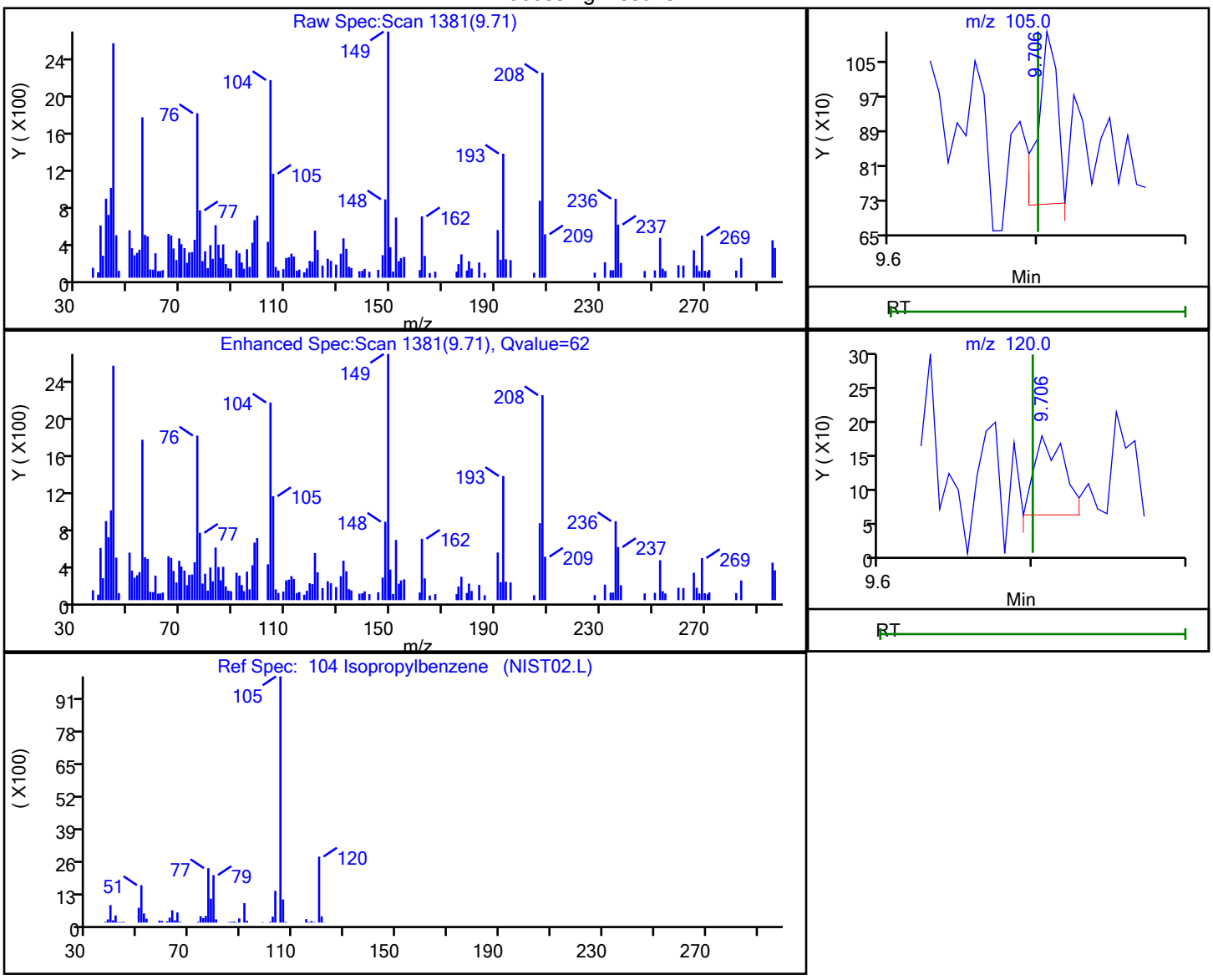
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.71	105.00	360	0.024020
9.71	120.00	158	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

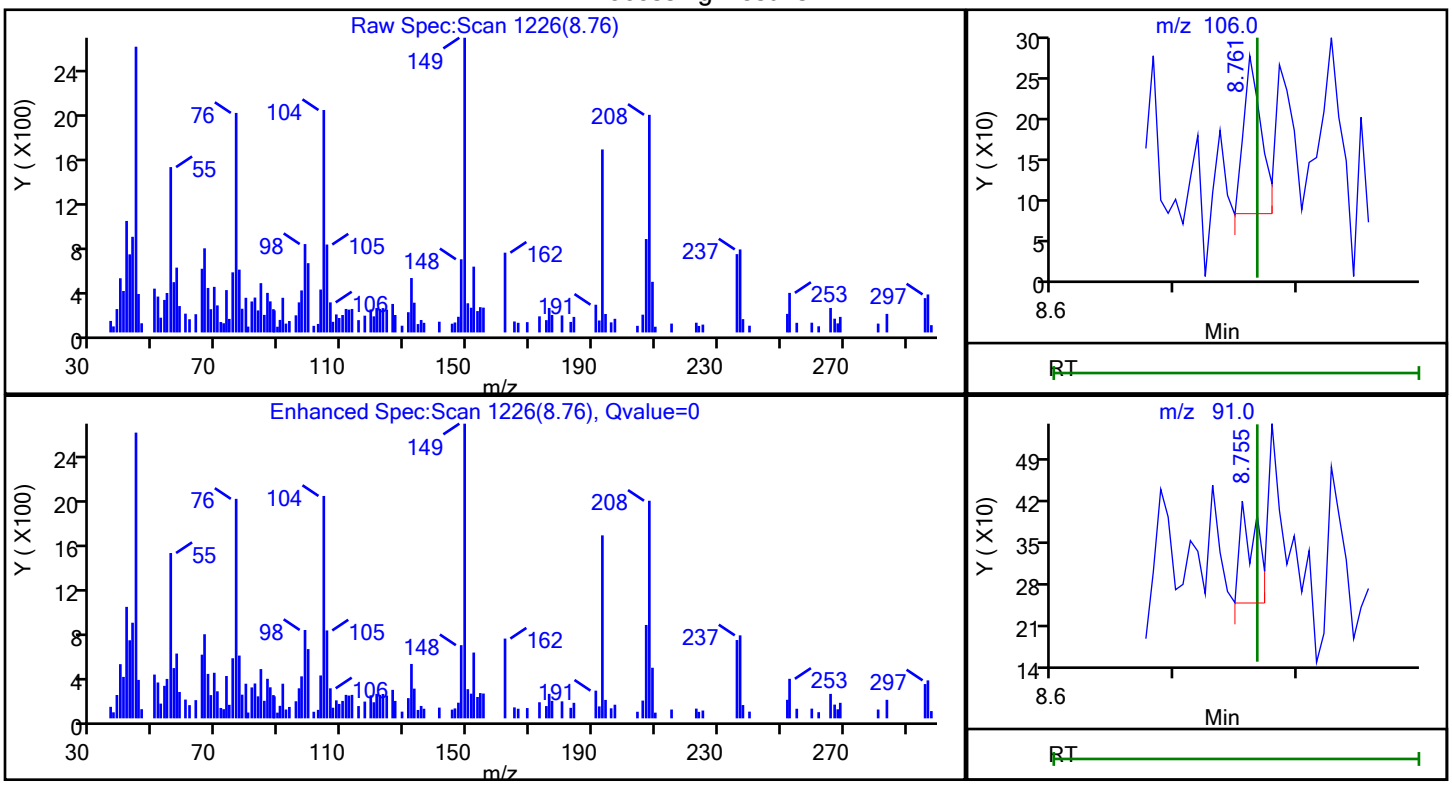
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
8.76	106.00	197	0.010419
8.75	91.00	161	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)

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

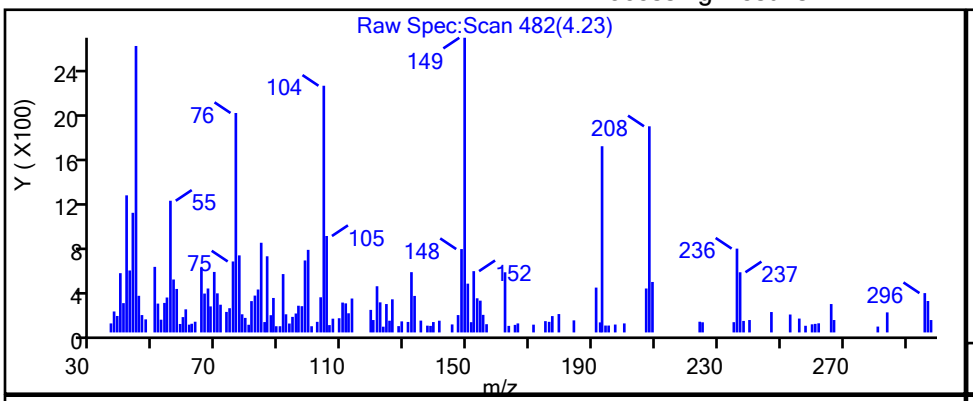
User Disabled Compound Report

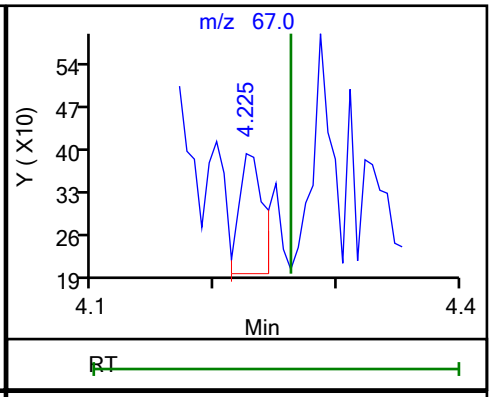
Eurofins Edison

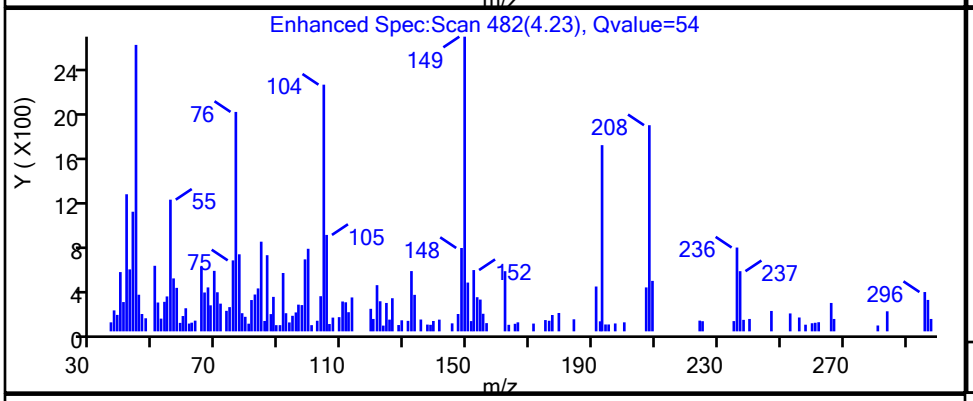
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

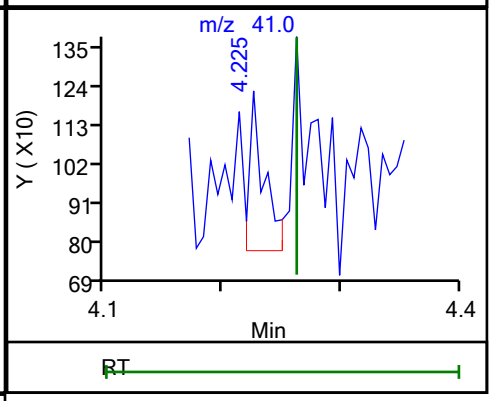
51 Methacrylonitrile, CAS: 126-98-7

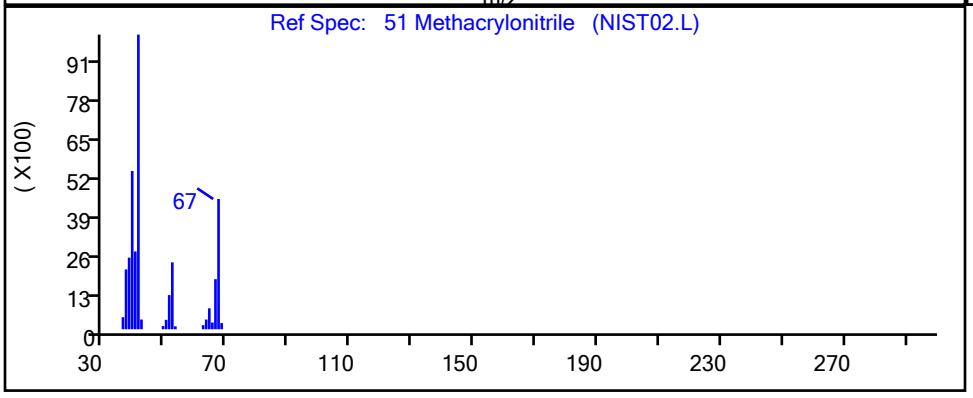
Processing Results











RT	Mass	Response	Amount
4.23	67.00	268	0.351306
4.23	41.00	404	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

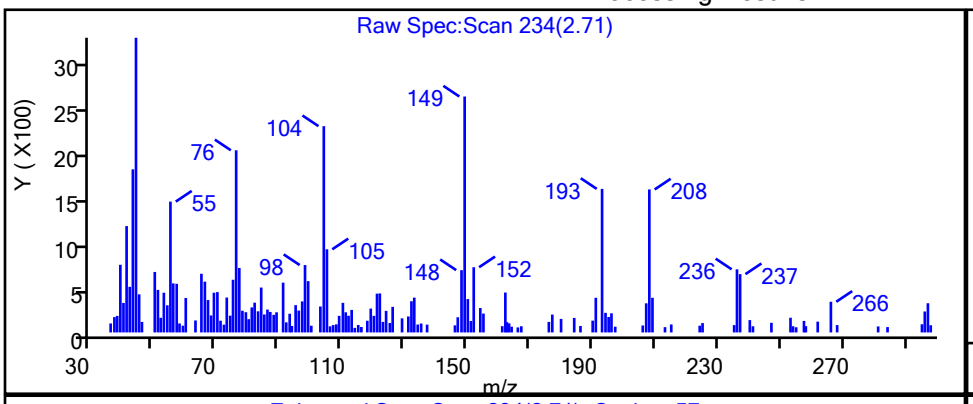
User Disabled Compound Report

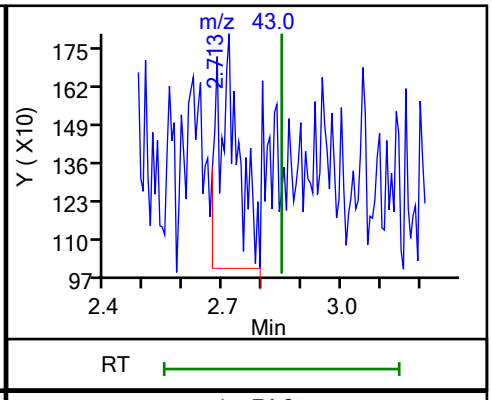
Eurofins Edison

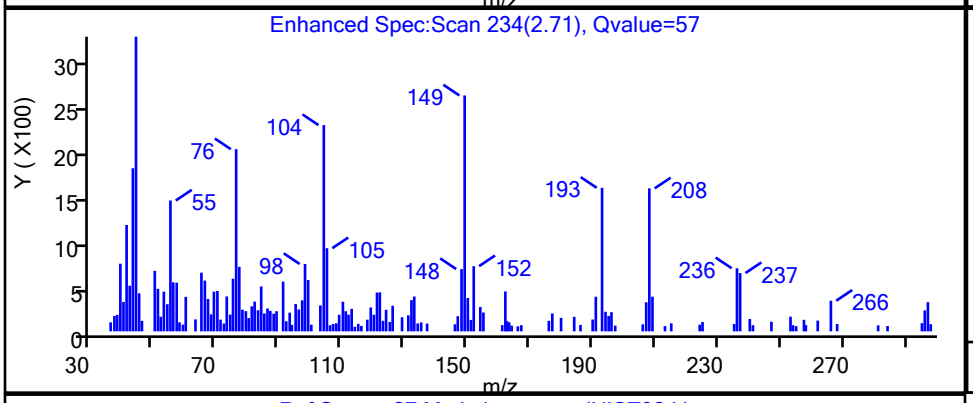
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

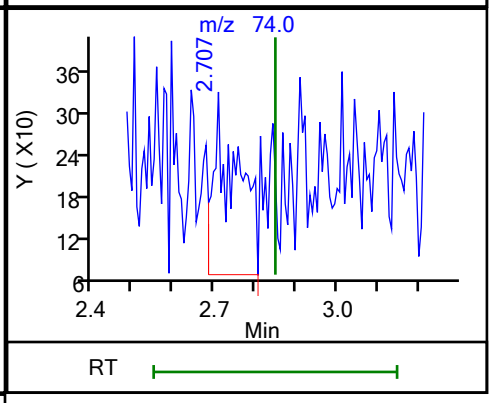
27 Methyl acetate, CAS: 79-20-9

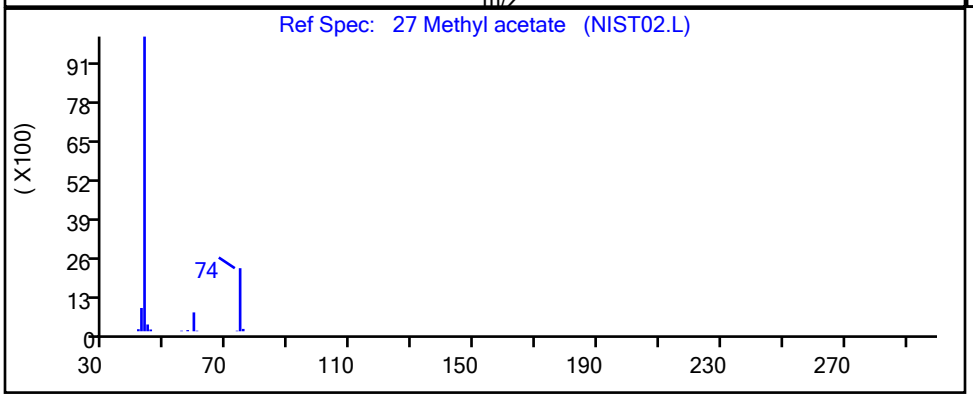
Processing Results











RT	Mass	Response	Amount
2.71	43.00	2861	1.506529
2.71	74.00	1051	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

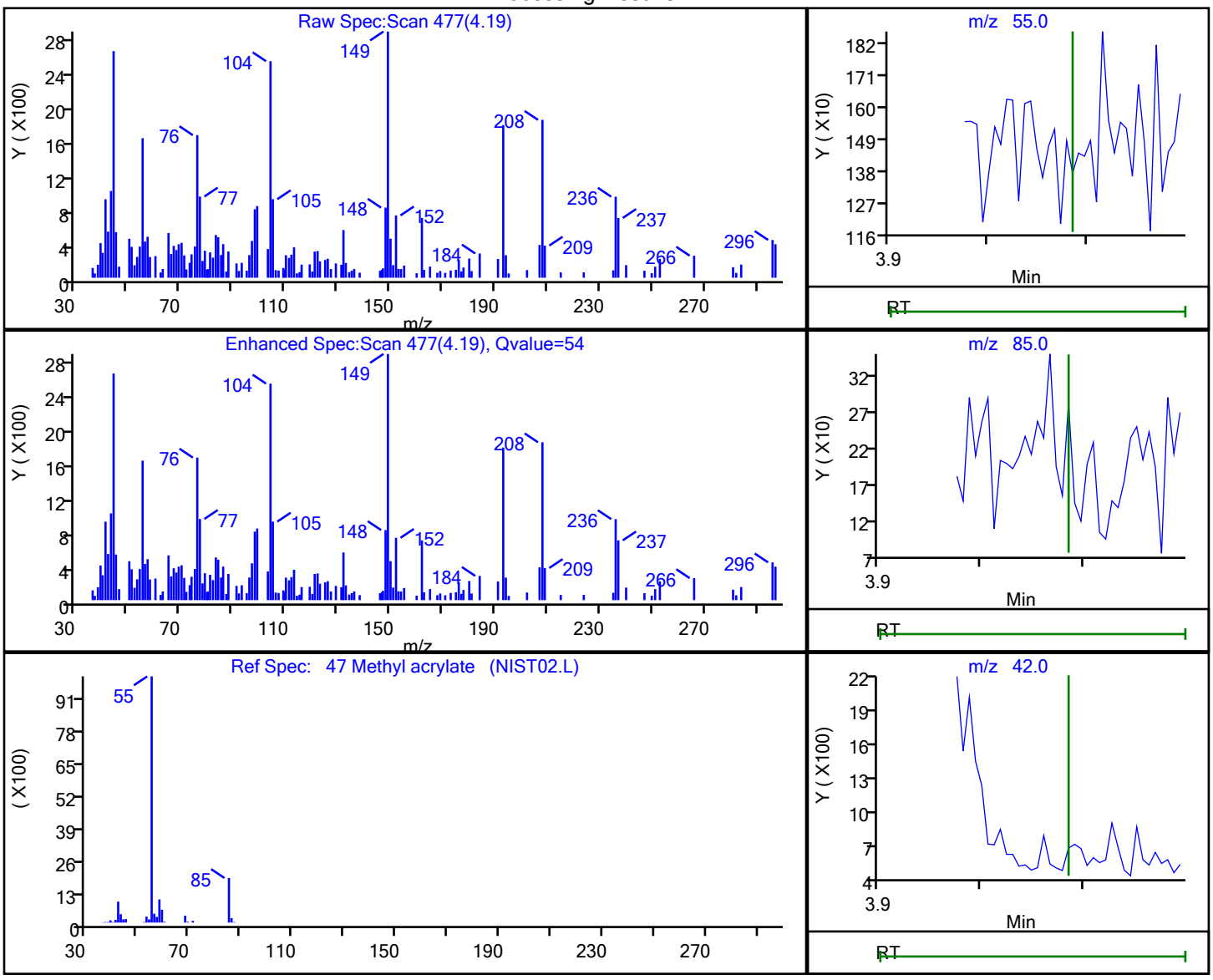
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.19	55.00	438	0.297599
4.18	85.00	235	
4.20	42.00	495	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

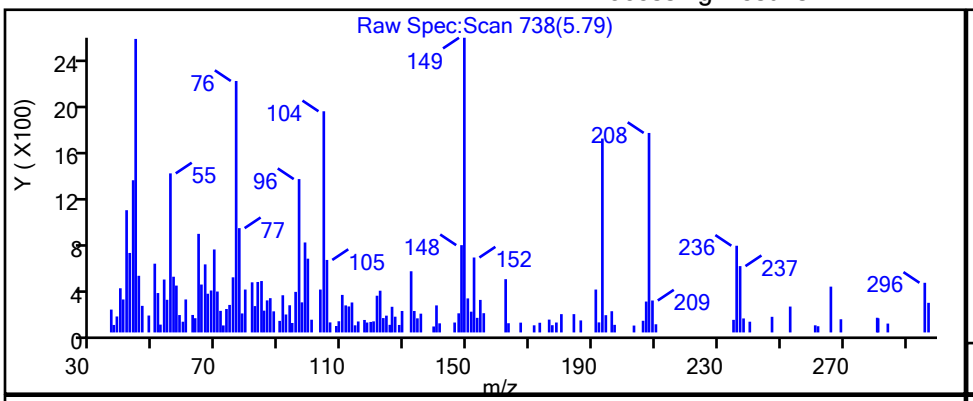
User Disabled Compound Report

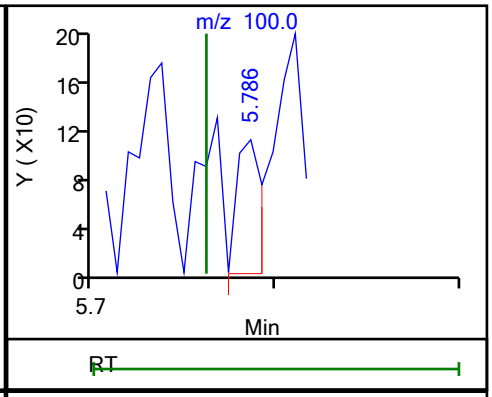
Eurofins Edison

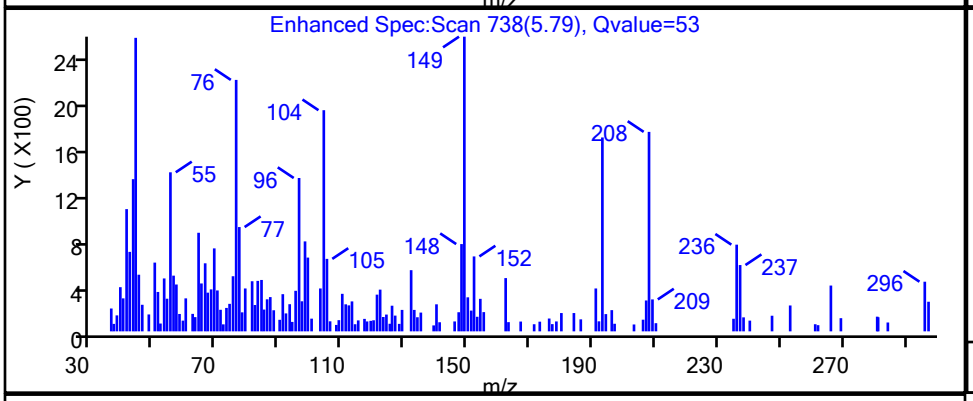
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

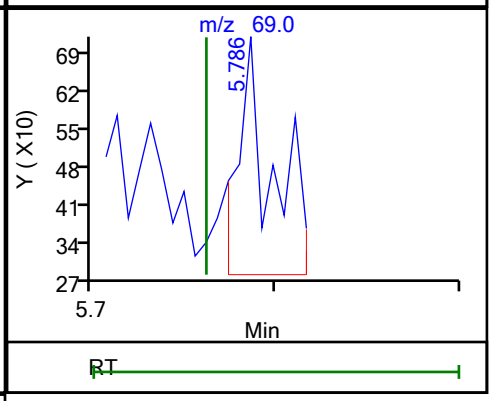
73 Methyl methacrylate, CAS: 80-62-6

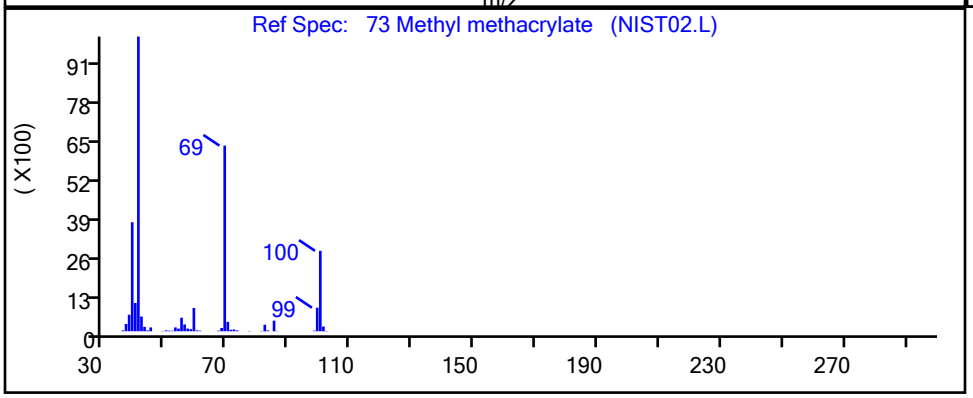
Processing Results











RT	Mass	Response	Amount
5.79	100.00	102	0.191365
5.79	69.00	574	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
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User Disabled Compound Report

Eurofins Edison

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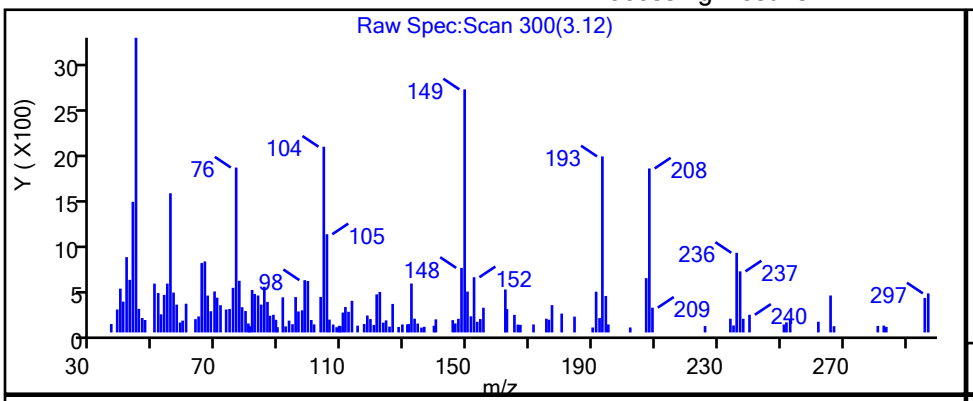
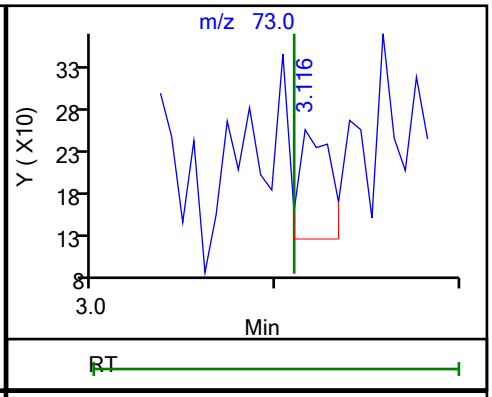
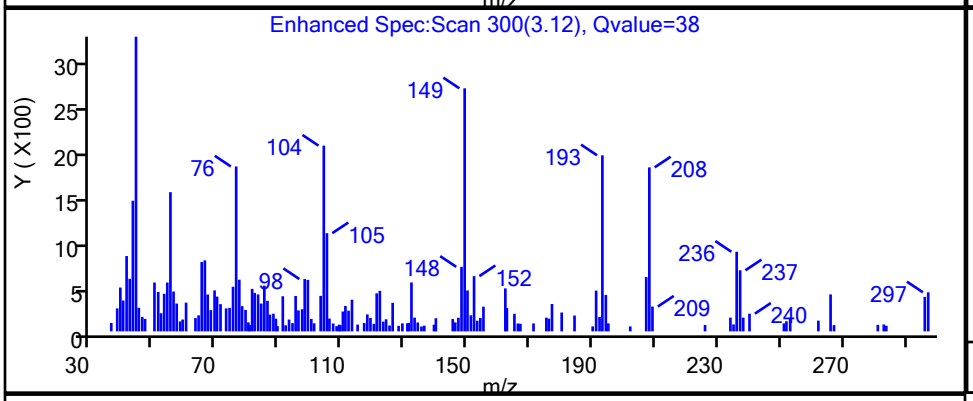
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

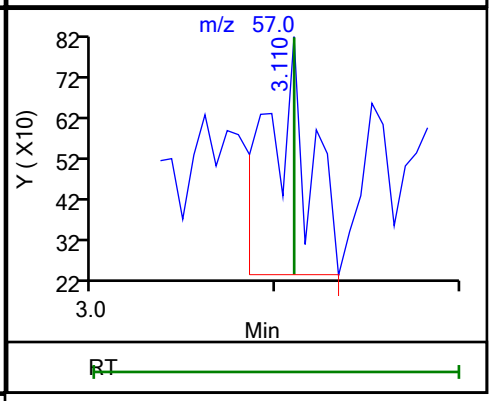
33 Methyl tert-butyl ether, CAS: 1634-04-4

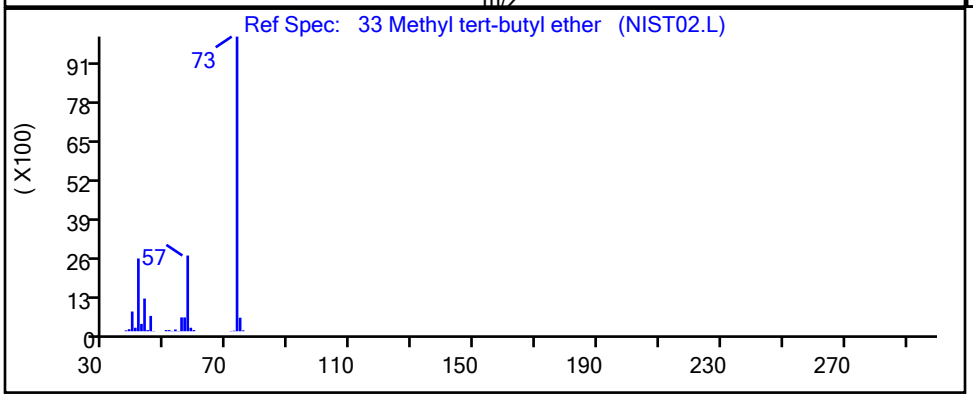
Processing Results











RT	Mass	Response	Amount
3.12	73.00	156	0.019629
3.11	57.00	953	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
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User Disabled Compound Report

Eurofins Edison

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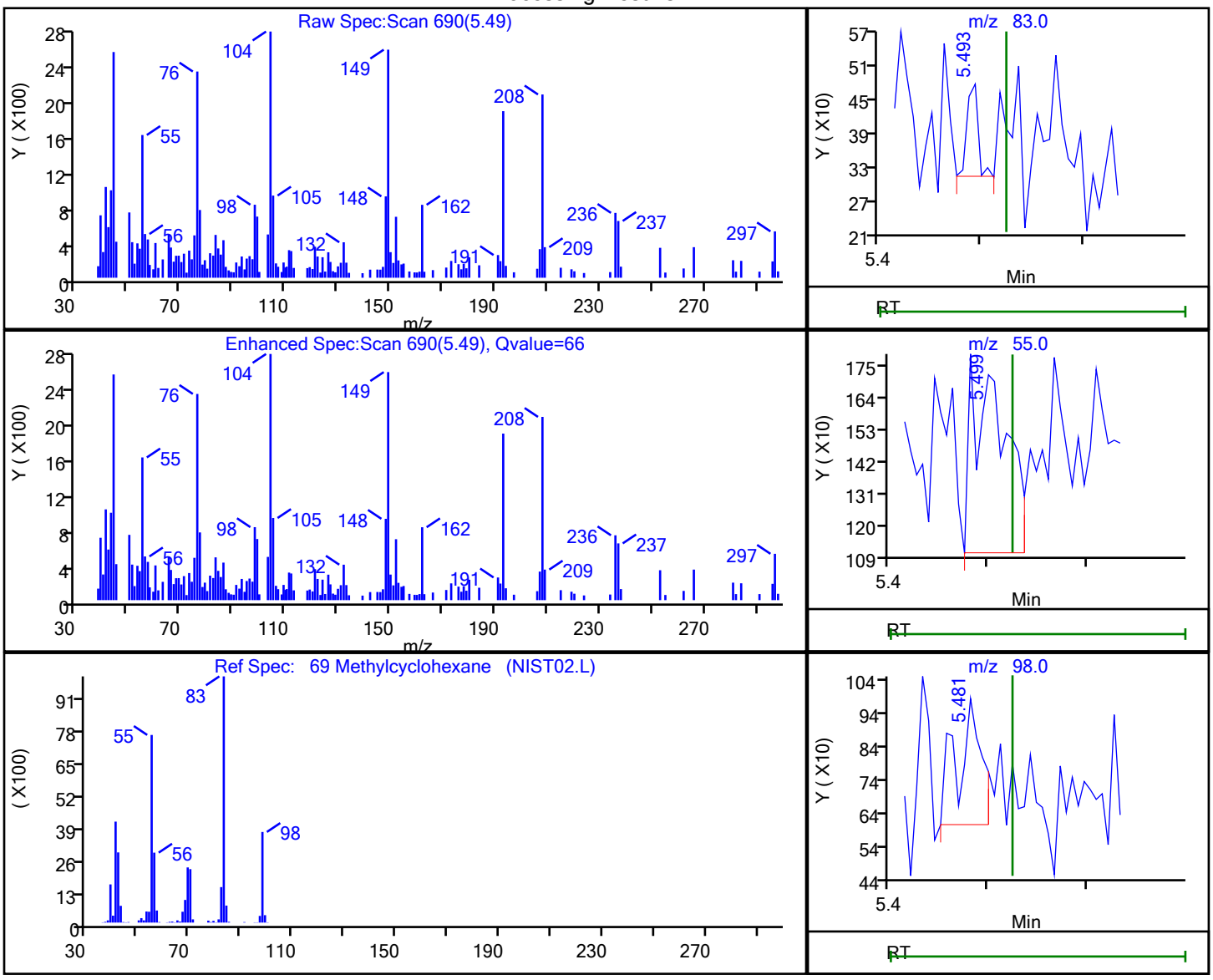
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.49	83.00	126	0.020620
5.50	55.00	1593	
5.48	98.00	657	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

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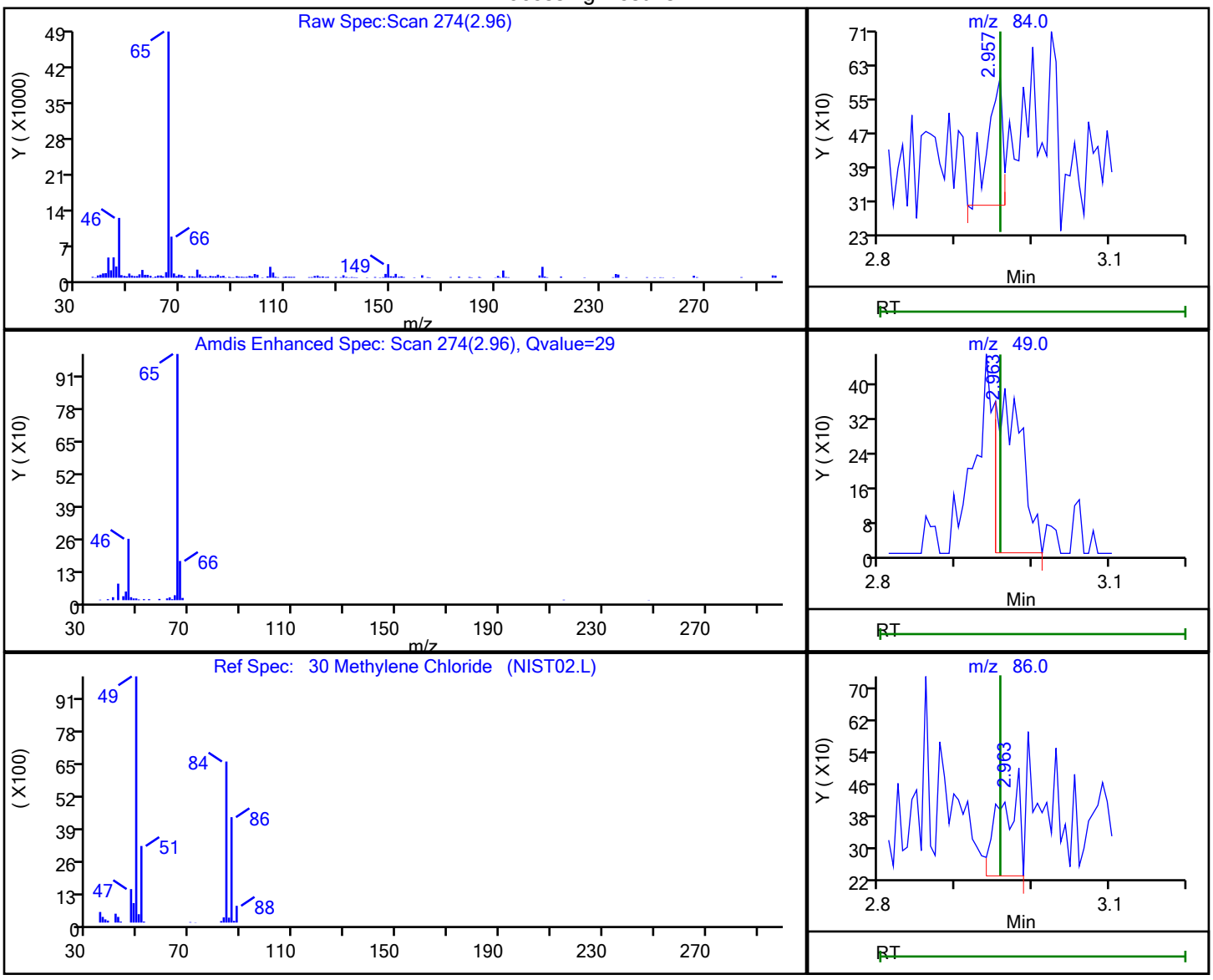
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.96	84.00	431	0.123022
2.96	49.00	902	
2.96	86.00	444	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

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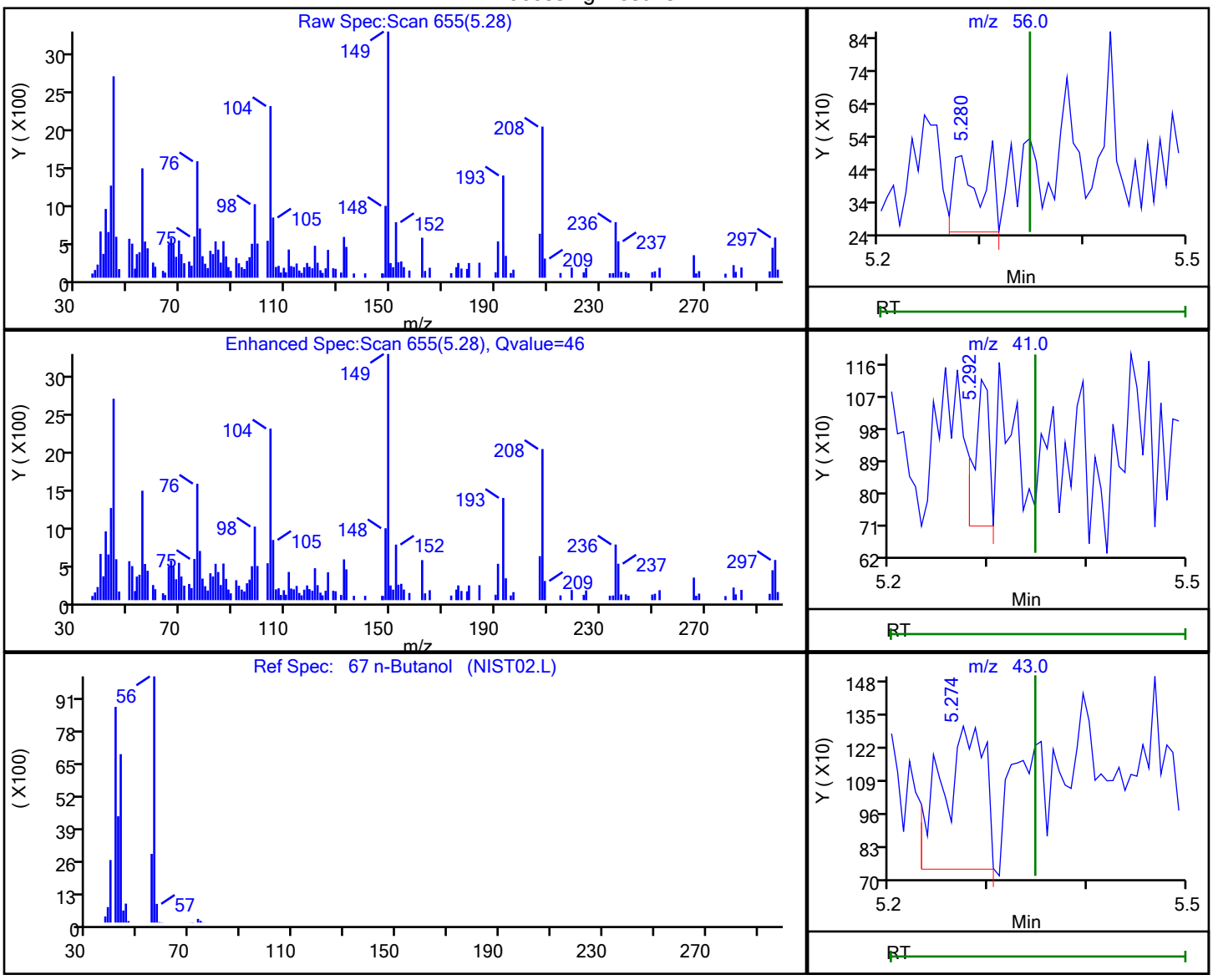
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.28	56.00	456	10.153800
5.29	41.00	419	
5.27	43.00	1699	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

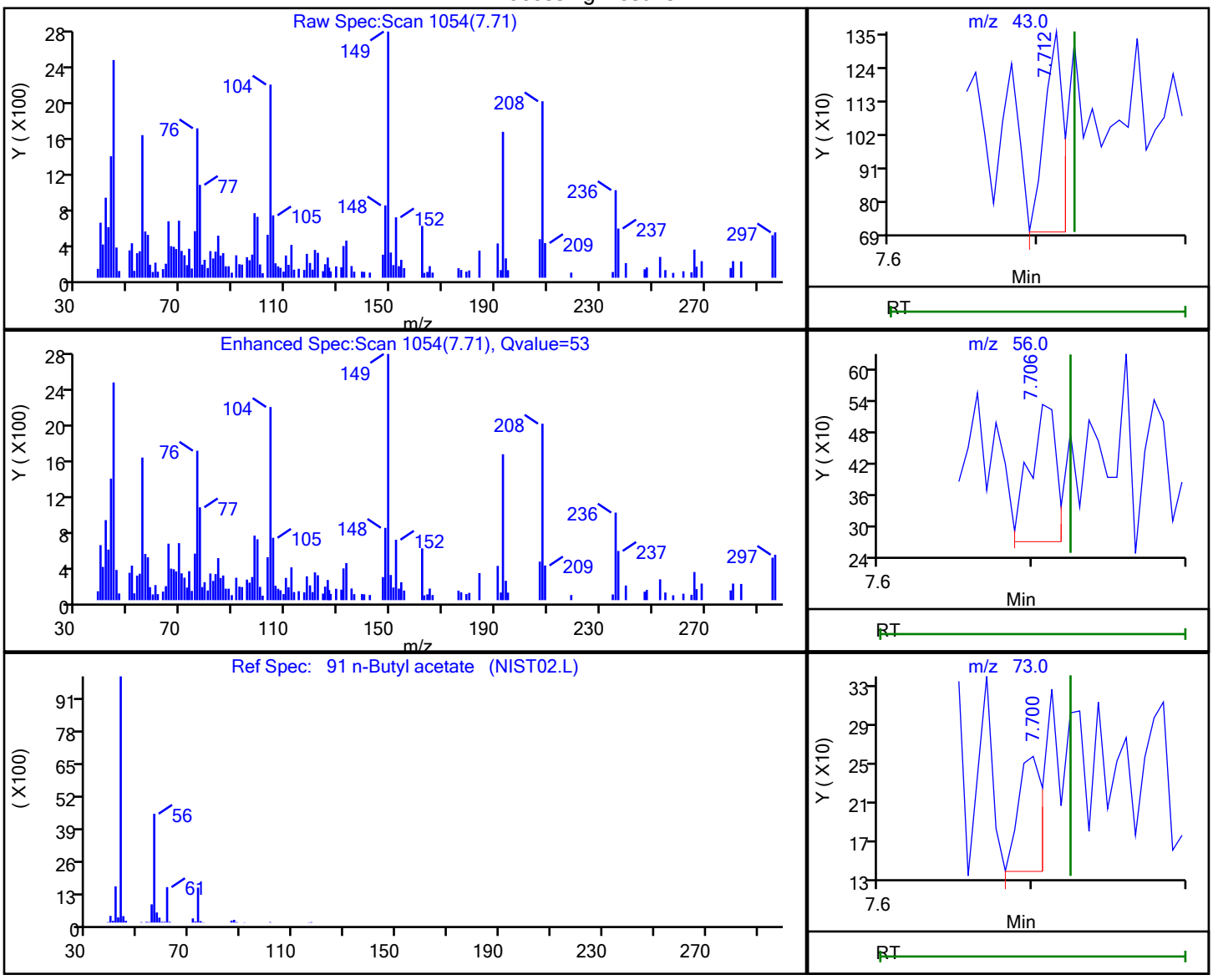
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.71	43.00	587	0.266793
7.71	56.00	318	
7.70	73.00	128	

Reviewer: FK2C, 09-May-2024 09:07:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

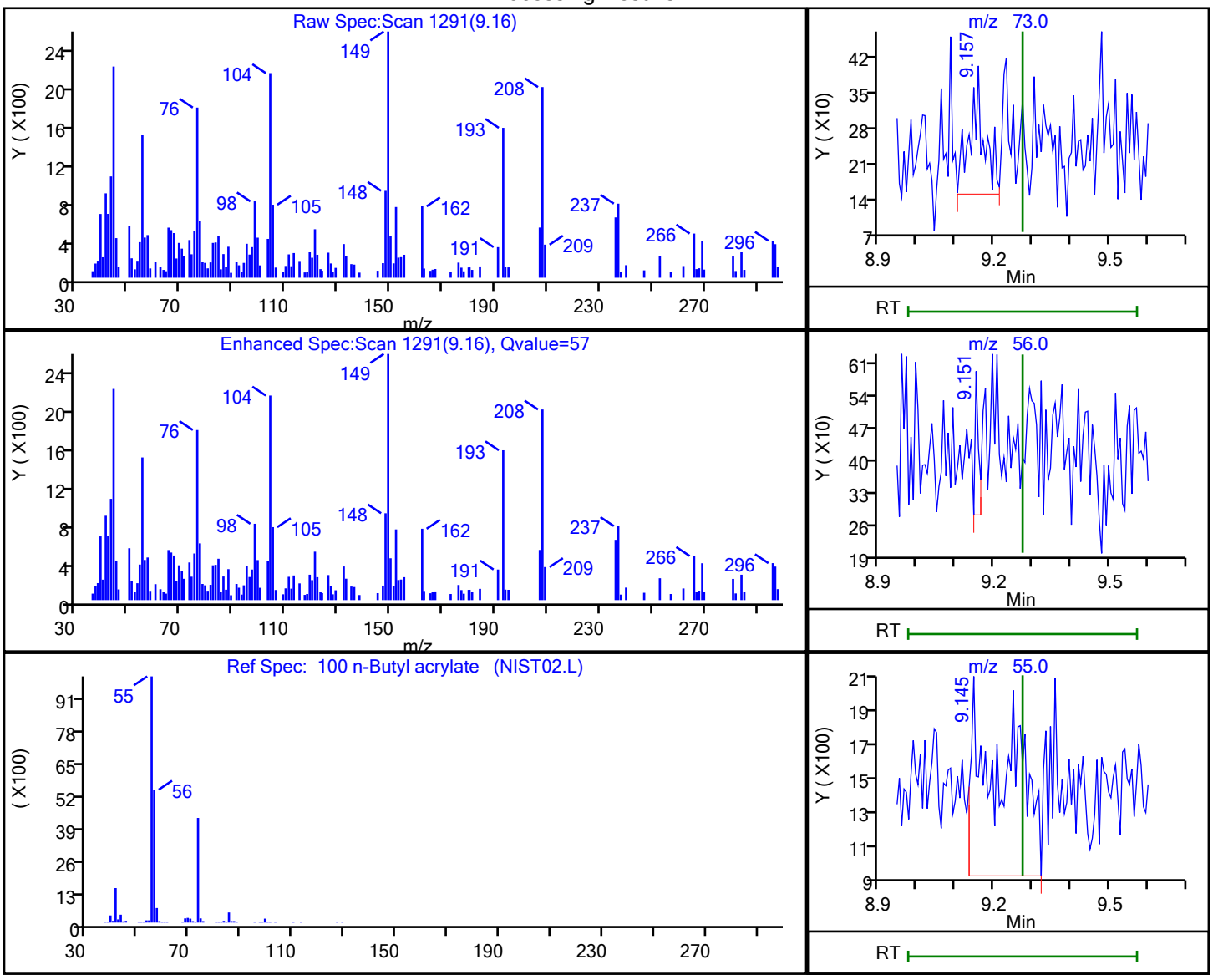
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.16	73.00	612	0.392928
9.15	56.00	191	
9.15	55.00	6488	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

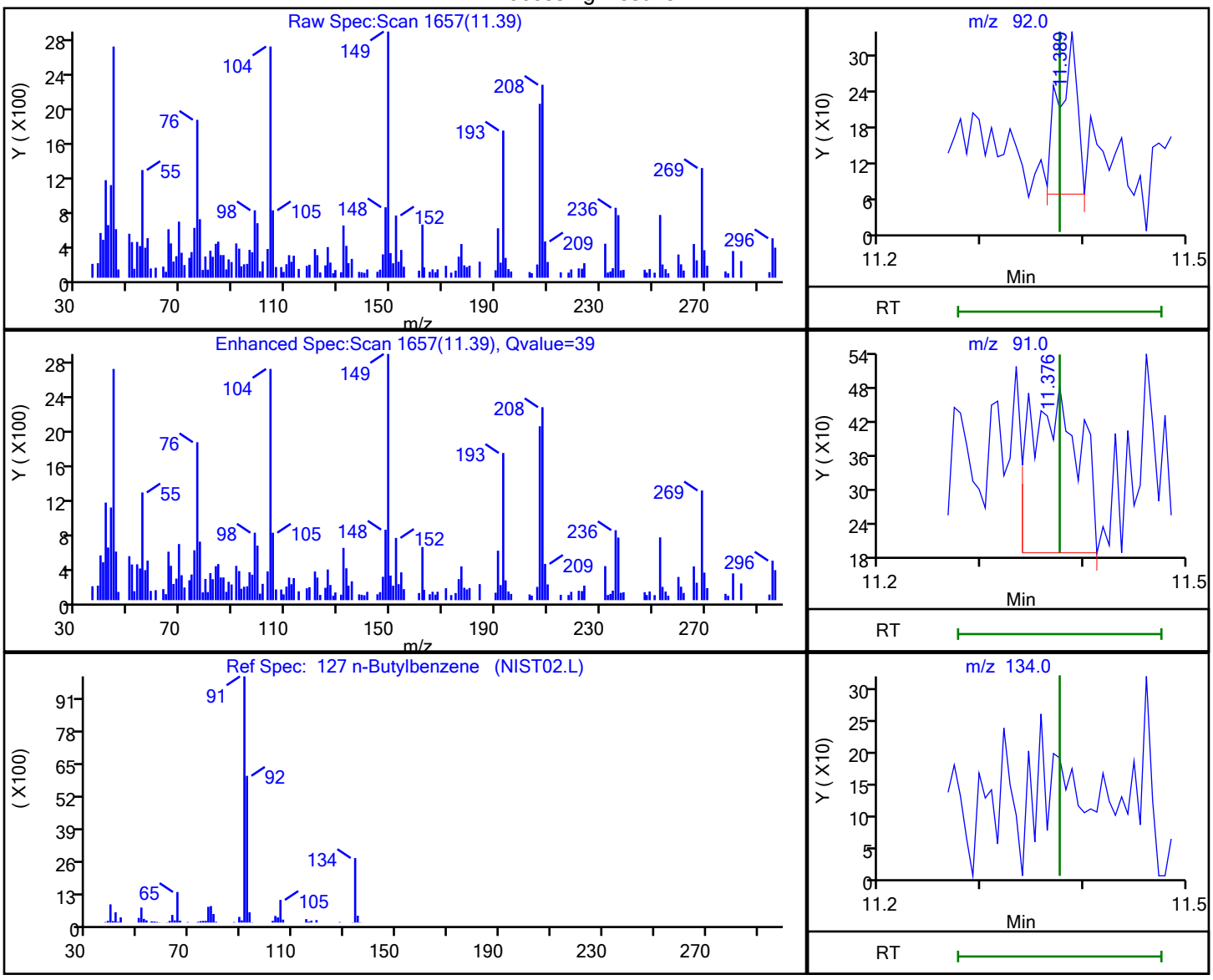
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.39	92.00	337	0.047073
11.38	91.00	946	
11.38	134.00	0	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

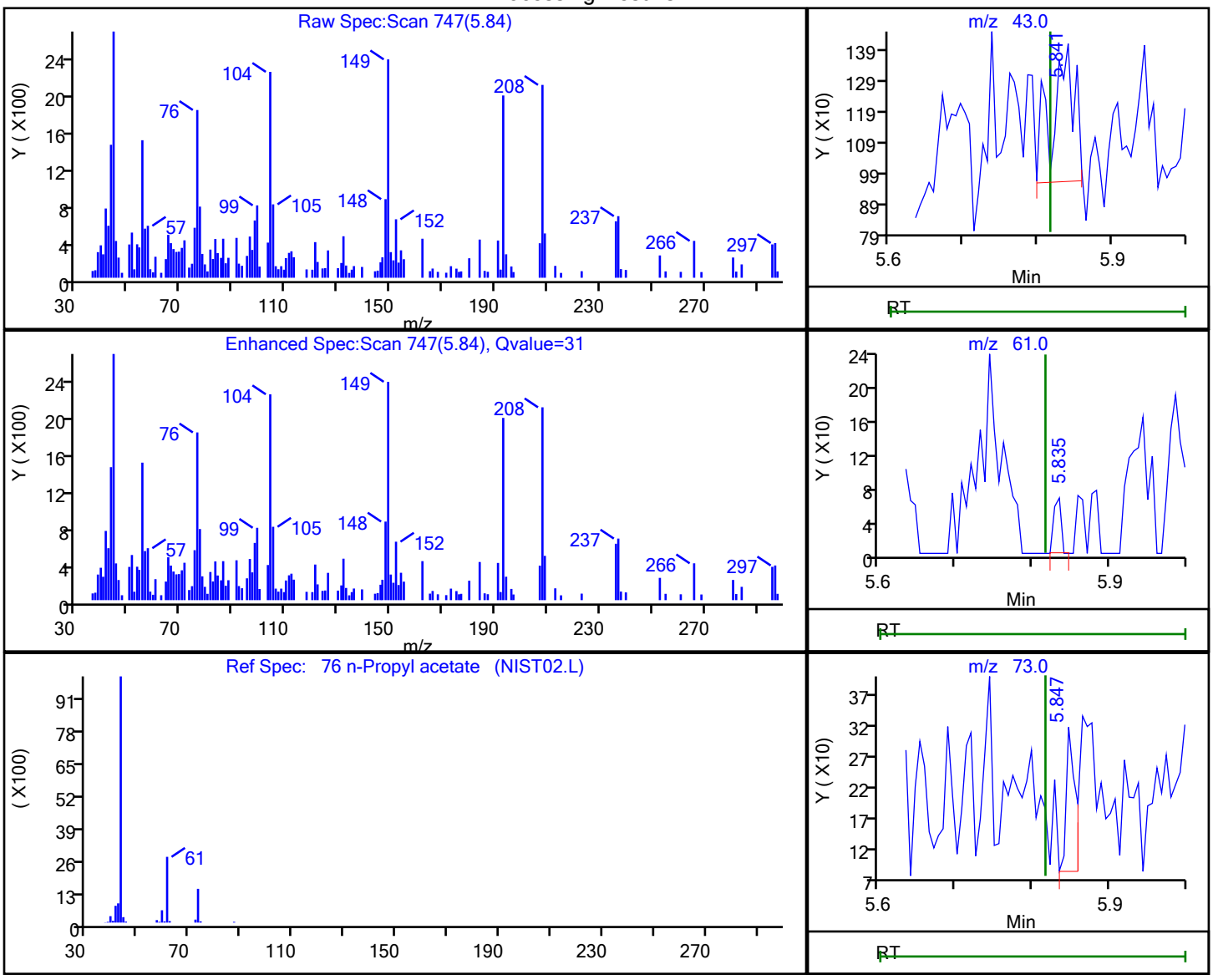
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.84	43.00	942	0.443075
5.83	61.00	44	
5.85	73.00	189	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

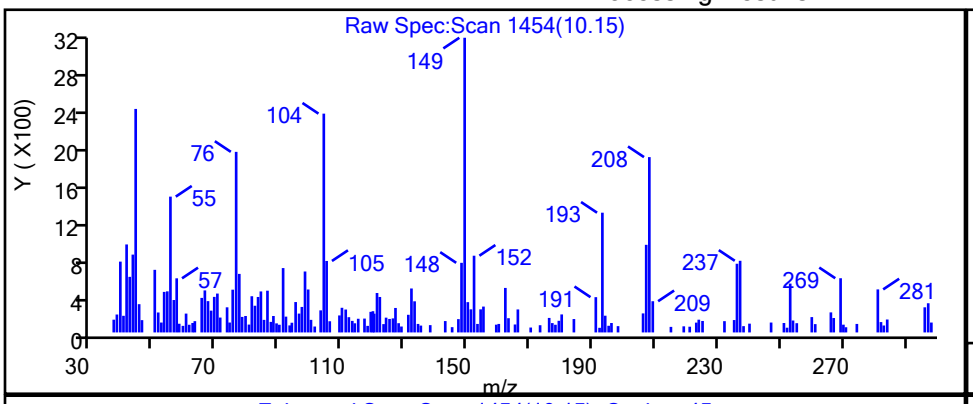
User Disabled Compound Report

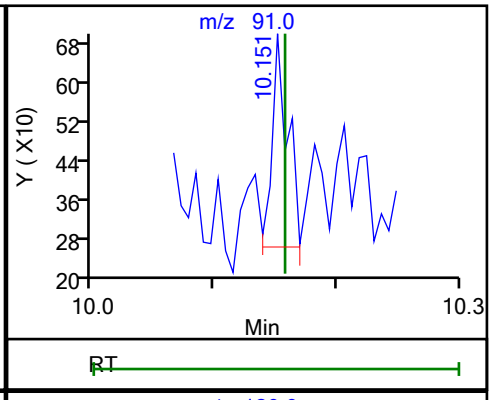
Eurofins Edison

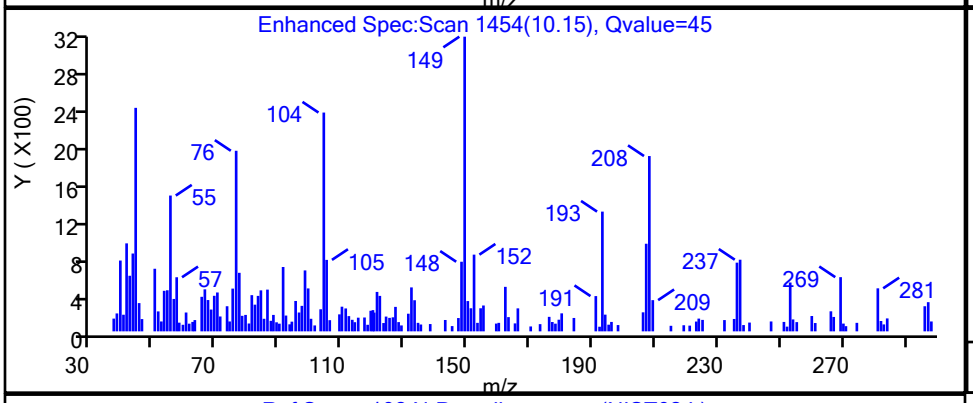
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

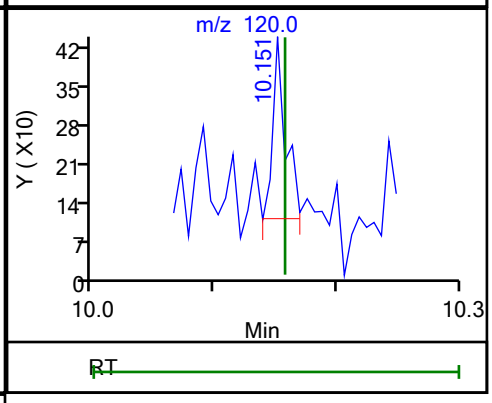
108 N-Propylbenzene, CAS: 103-65-1

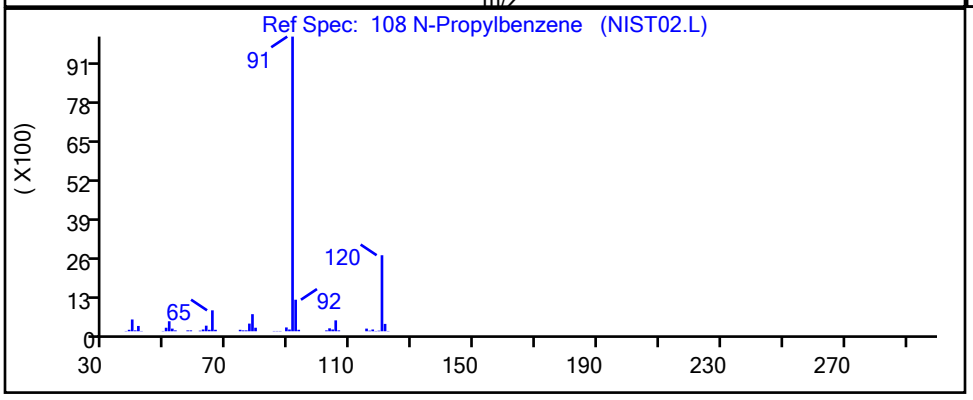
Processing Results











RT	Mass	Response	Amount
10.15	91.00	388	0.020636
10.15	120.00	241	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)

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

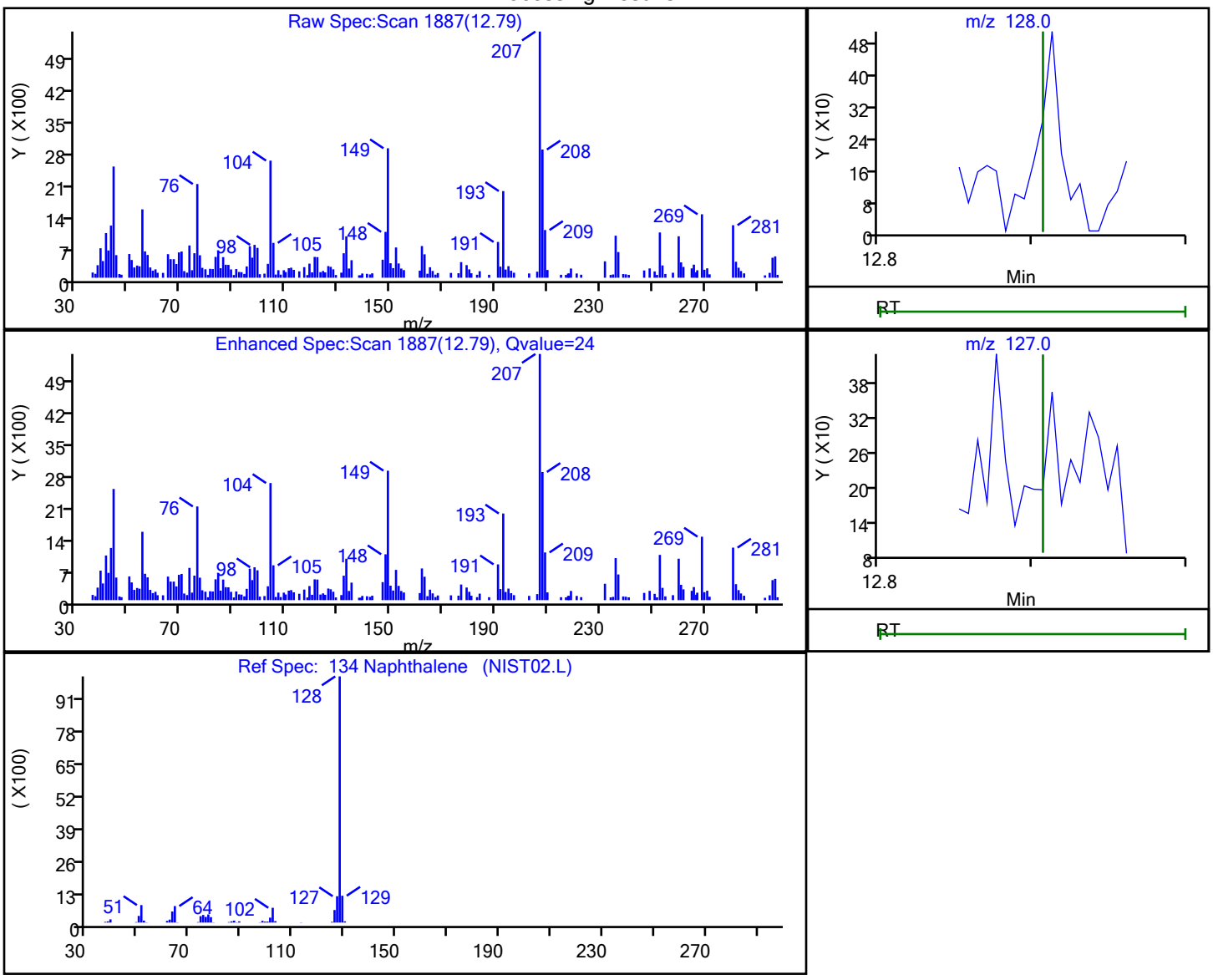
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.79	128.00	167	0.021110
12.79	127.00	231	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

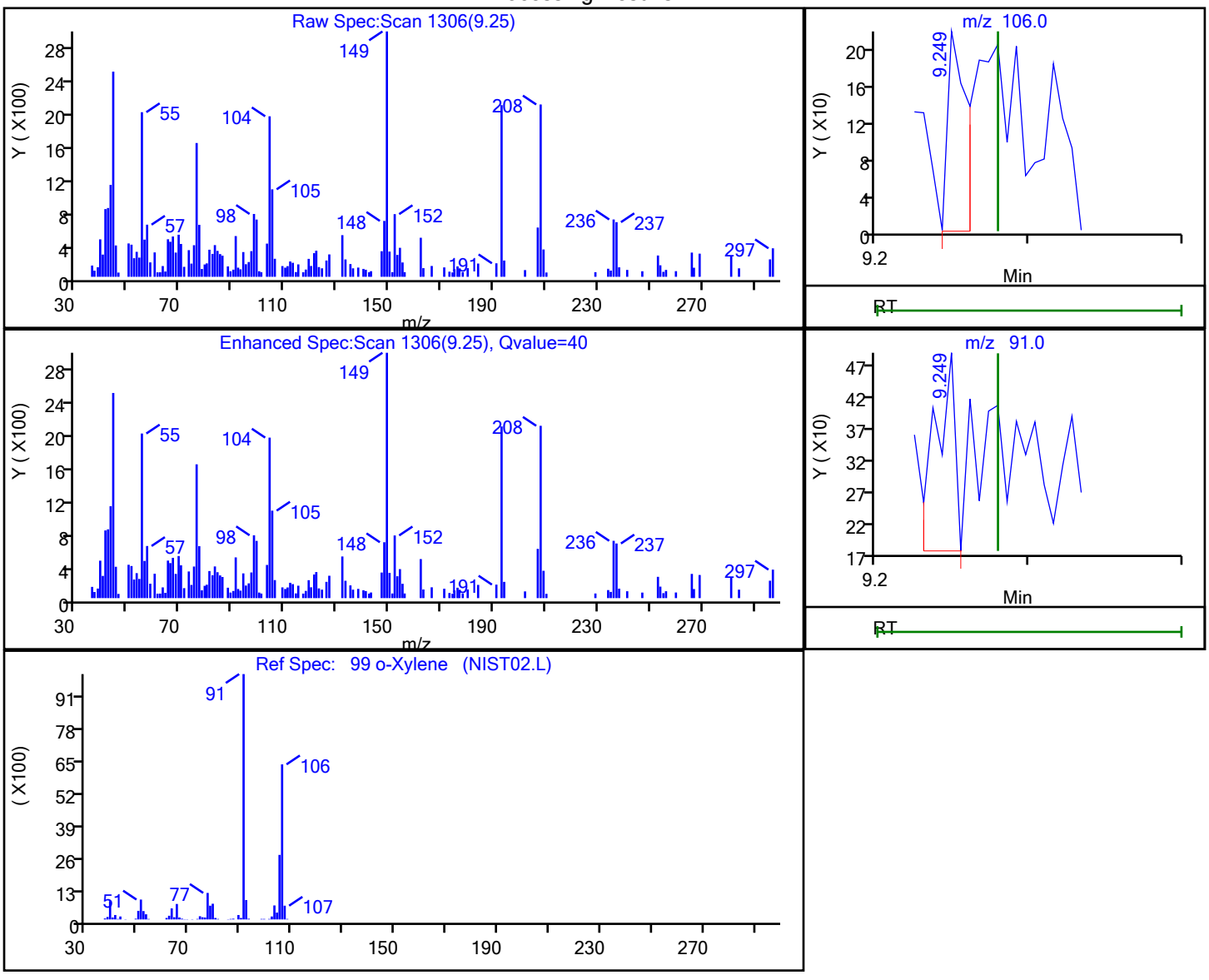
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.25	106.00	186	0.018066
9.25	91.00	278	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

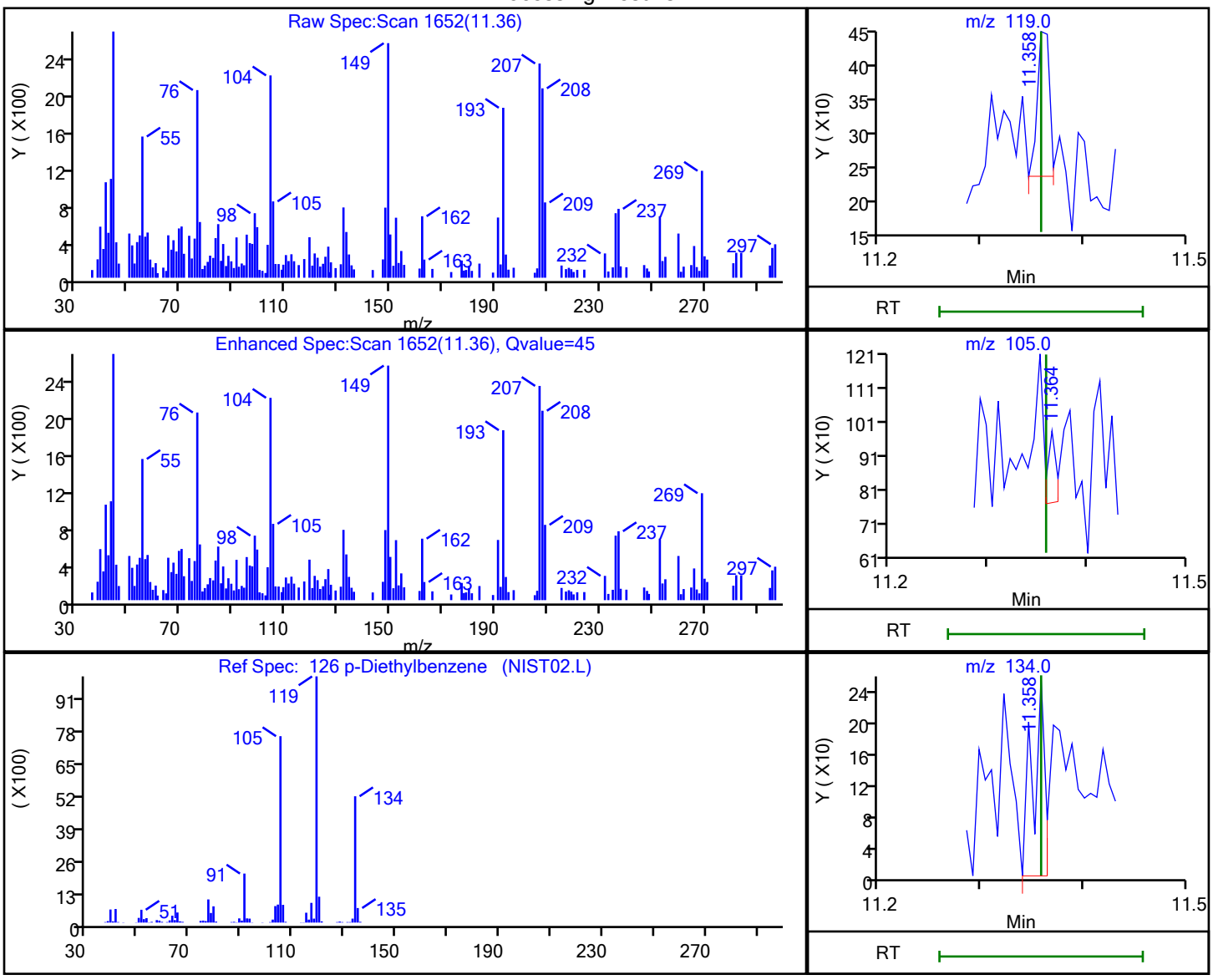
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.36	119.00	178	0.014411
11.36	105.00	131	
11.36	134.00	210	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

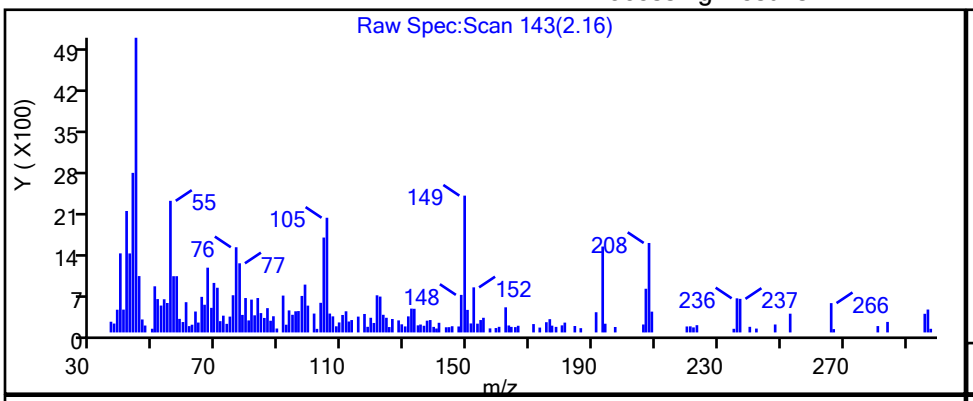
User Disabled Compound Report

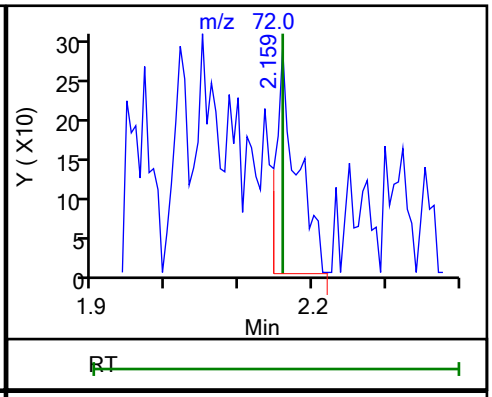
Eurofins Edison

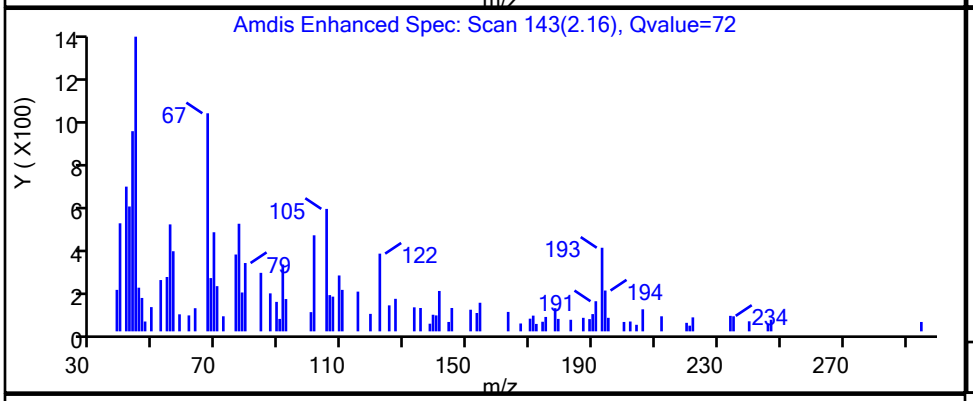
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

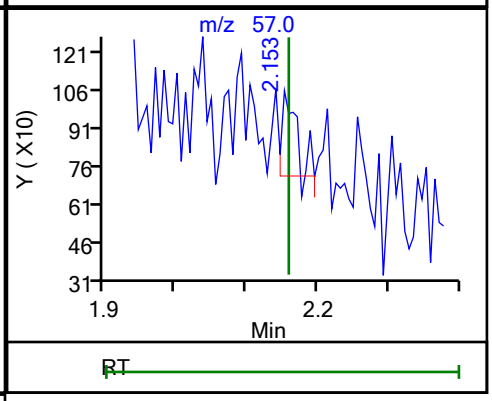
13 Pentane, CAS: 109-66-0

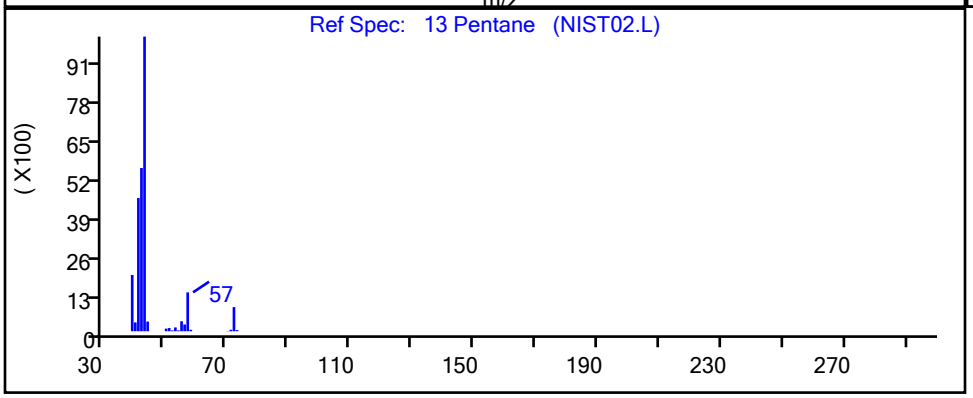
Processing Results











RT	Mass	Response	Amount
2.16	72.00	550	1.256299
2.15	57.00	481	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

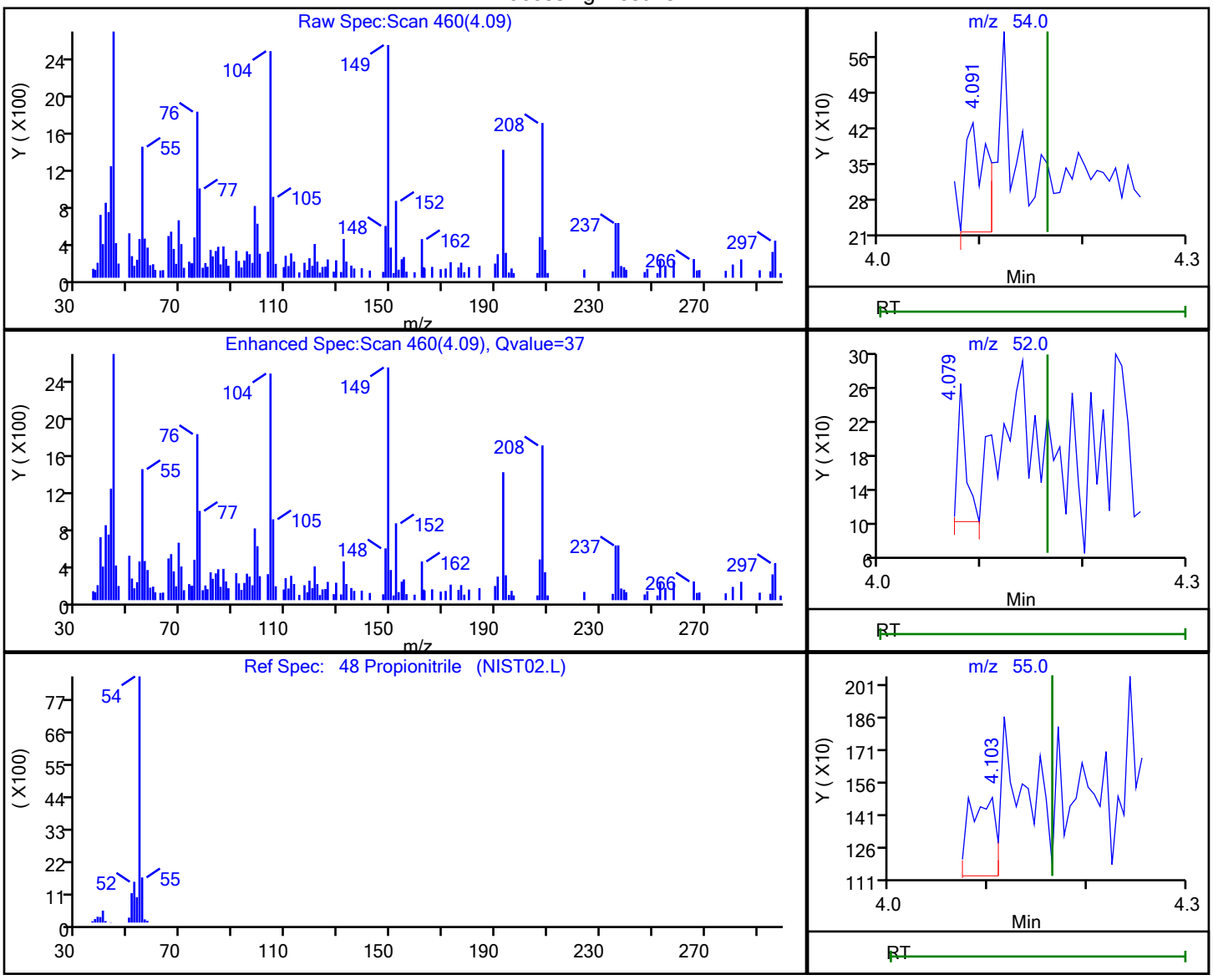
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.09	54.00	285	1.300165
4.08	52.00	89	
4.10	55.00	669	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

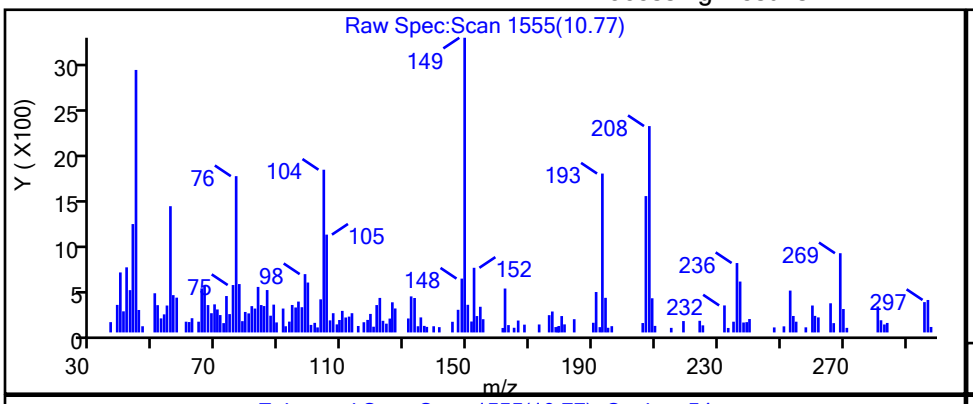
User Disabled Compound Report

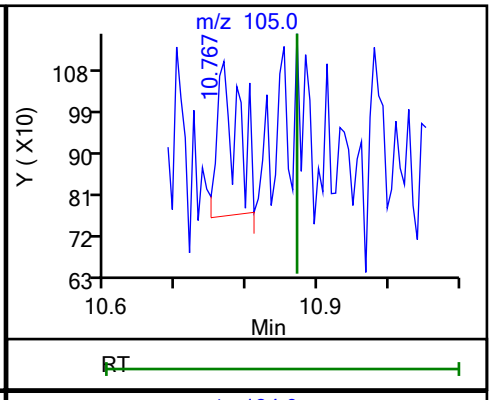
Eurofins Edison

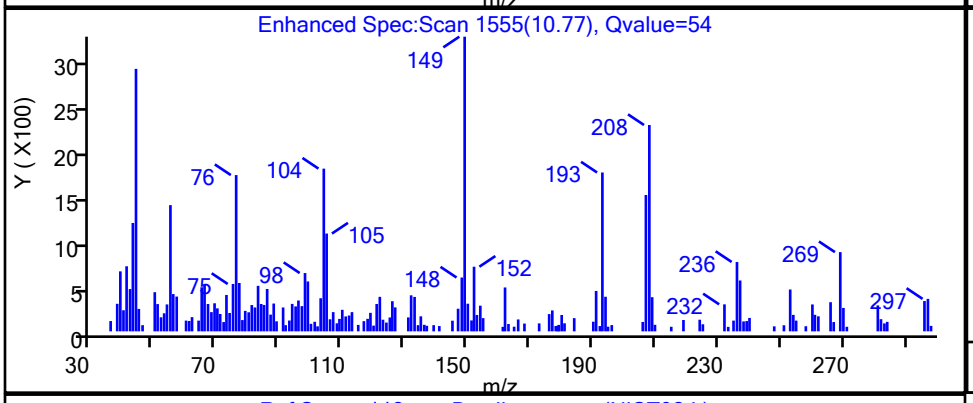
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

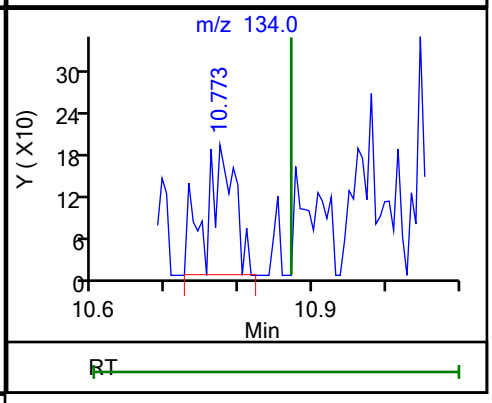
118 sec-Butylbenzene, CAS: 135-98-8

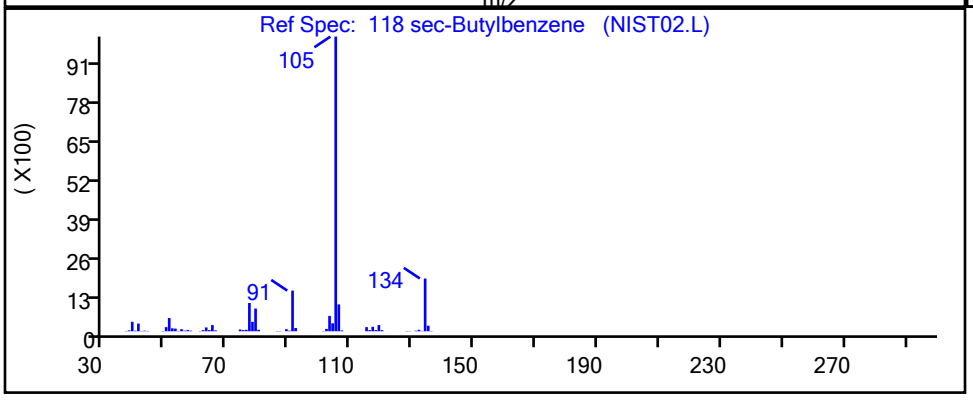
Processing Results











RT	Mass	Response	Amount
10.77	105.00	697	0.045798
10.77	134.00	518	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

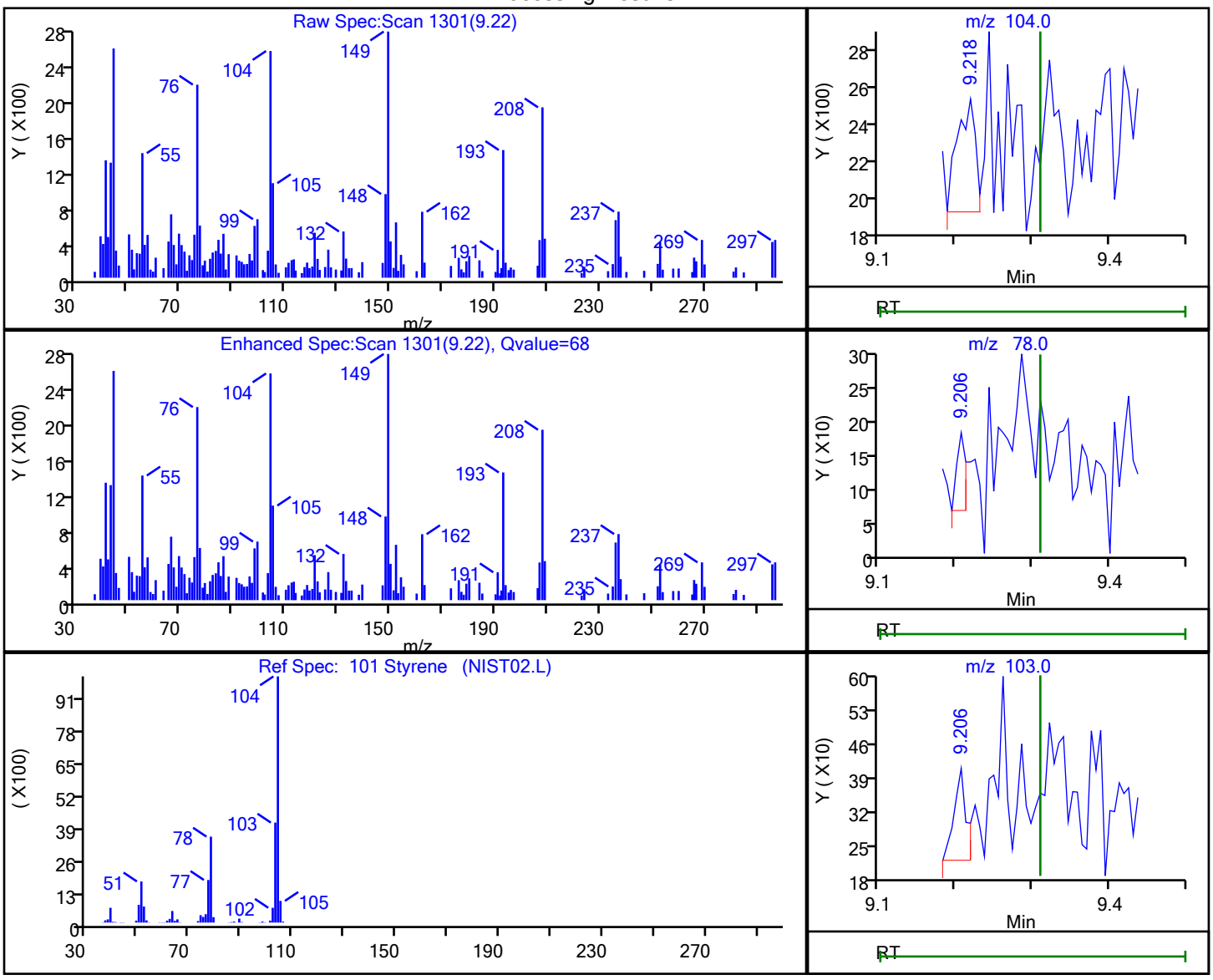
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.22	104.00	935	0.101728
9.21	78.00	95	
9.21	103.00	214	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

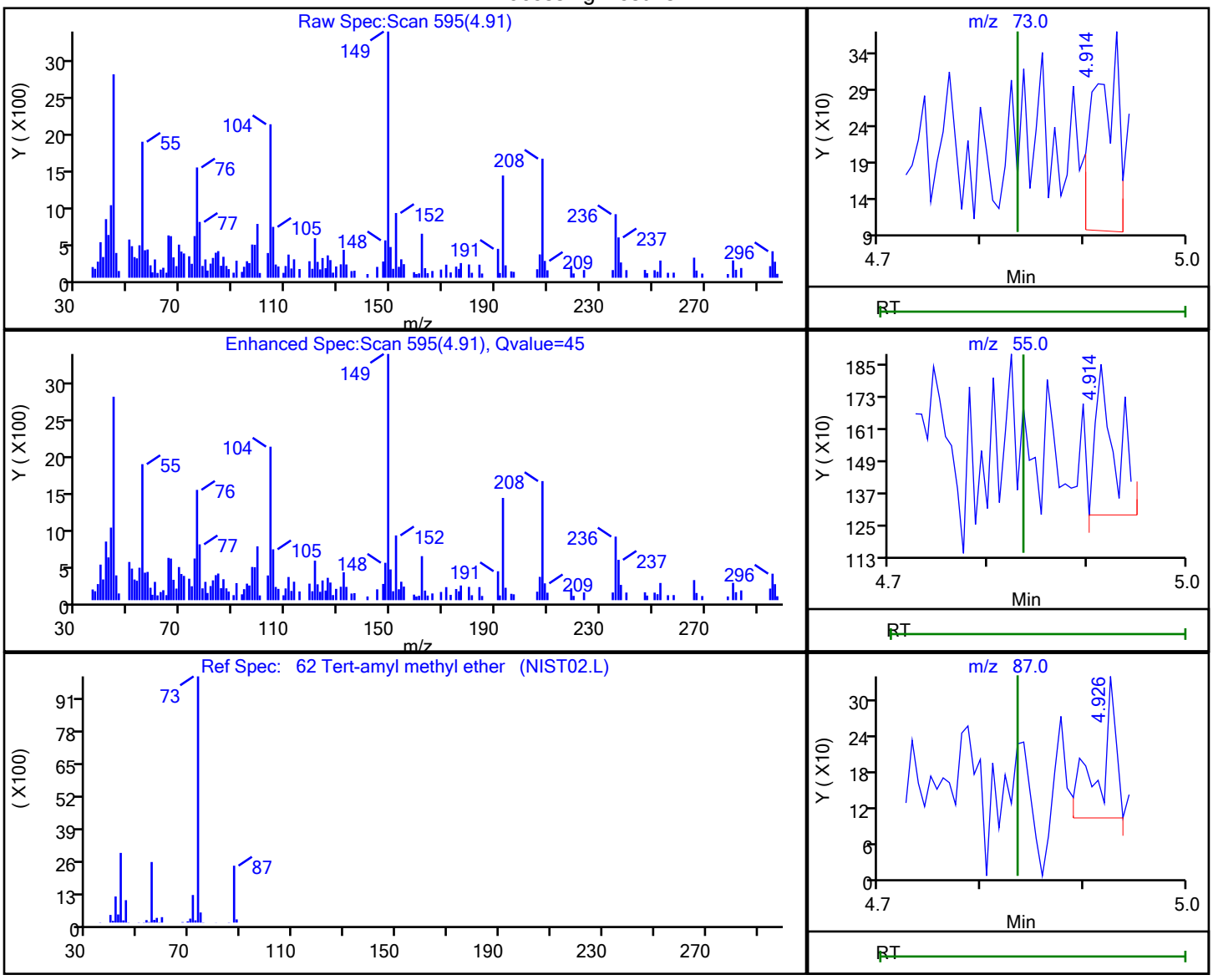
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.91	73.00	412	0.050201
4.91	55.00	816	
4.93	87.00	263	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

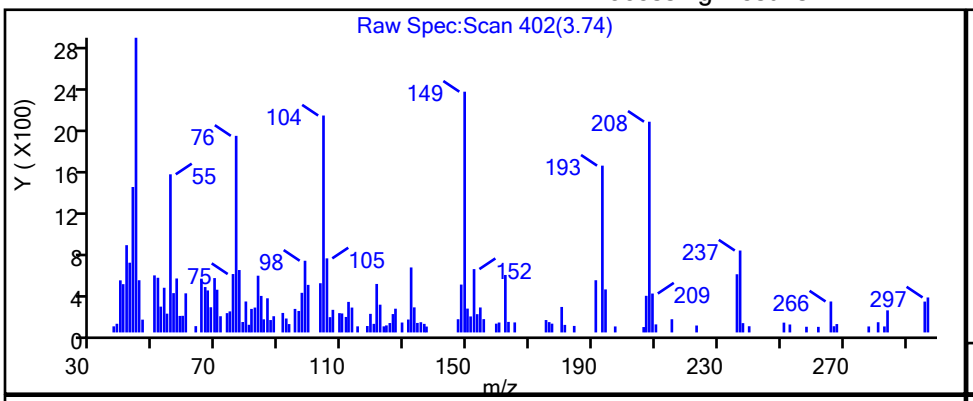
User Disabled Compound Report

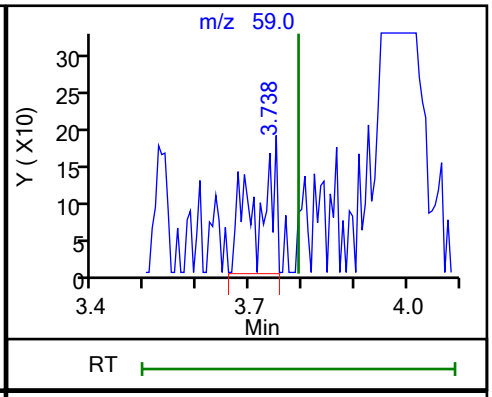
Eurofins Edison

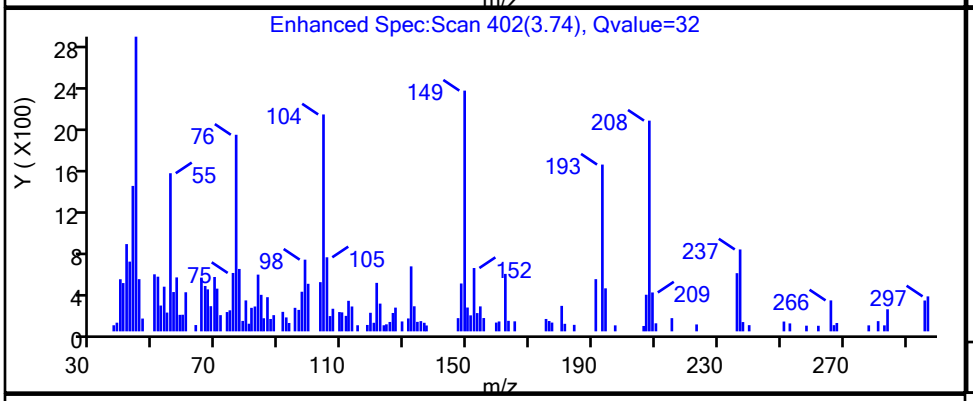
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

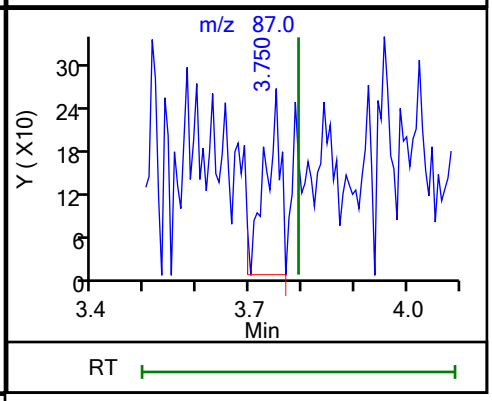
41 Tert-butyl ethyl ether, CAS: 637-92-3

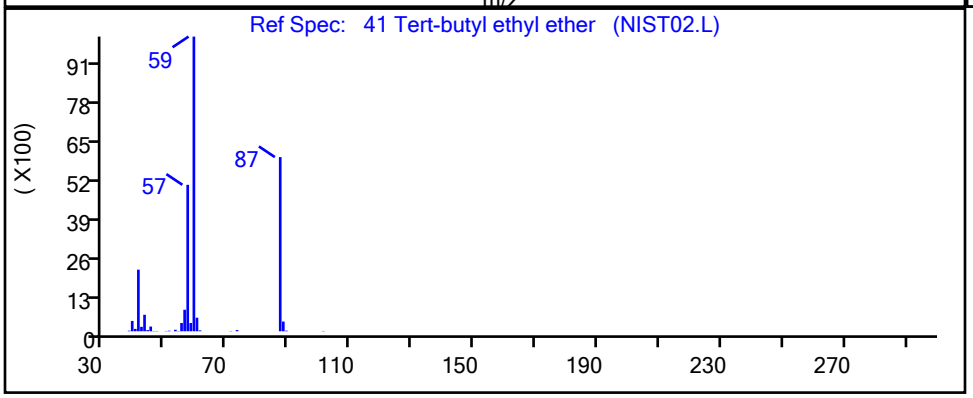
Processing Results











RT	Mass	Response	Amount
3.74	59.00	475	0.053235
3.75	87.00	549	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

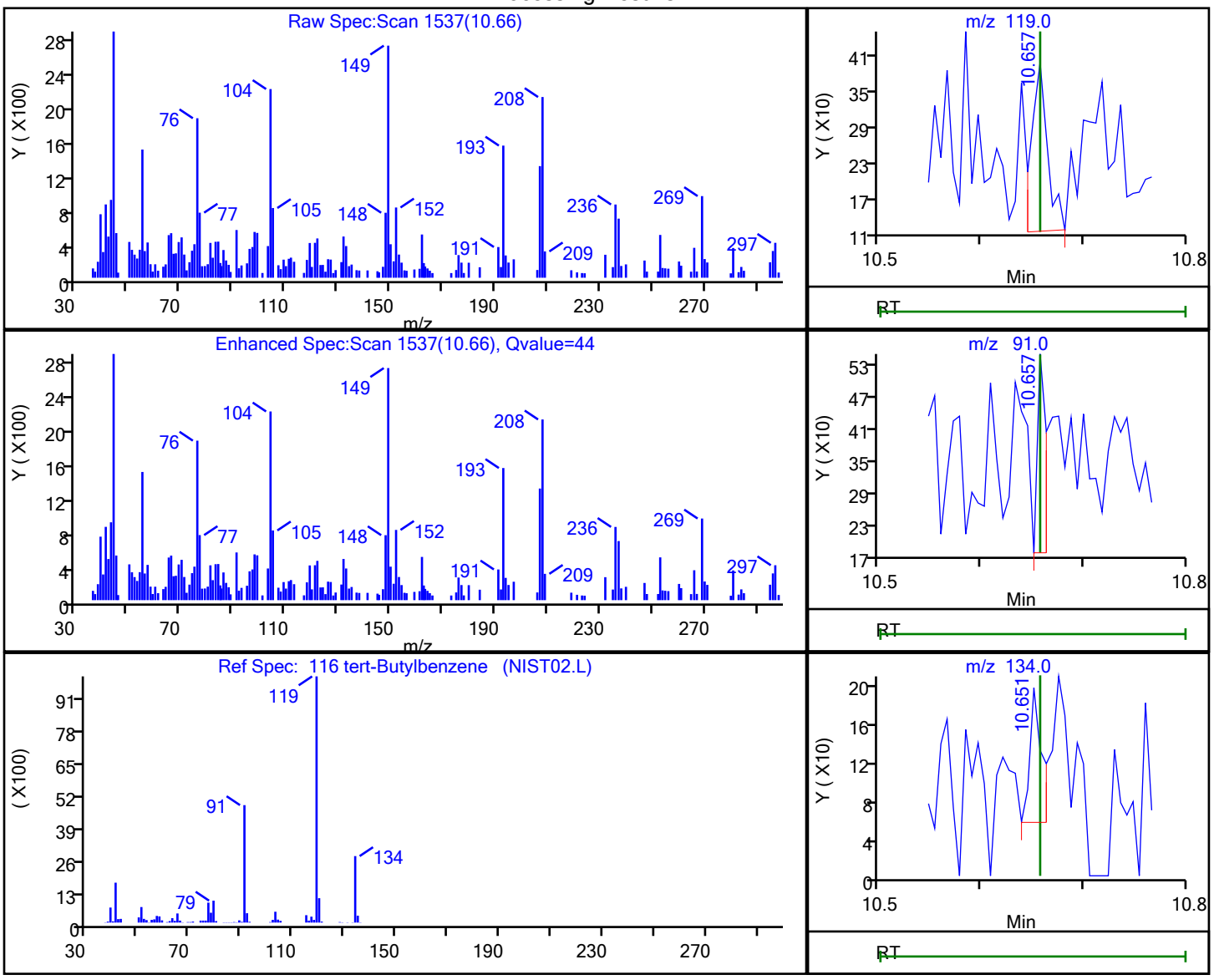
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.66	119.00	302	0.029312
10.66	91.00	219	
10.65	134.00	114	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

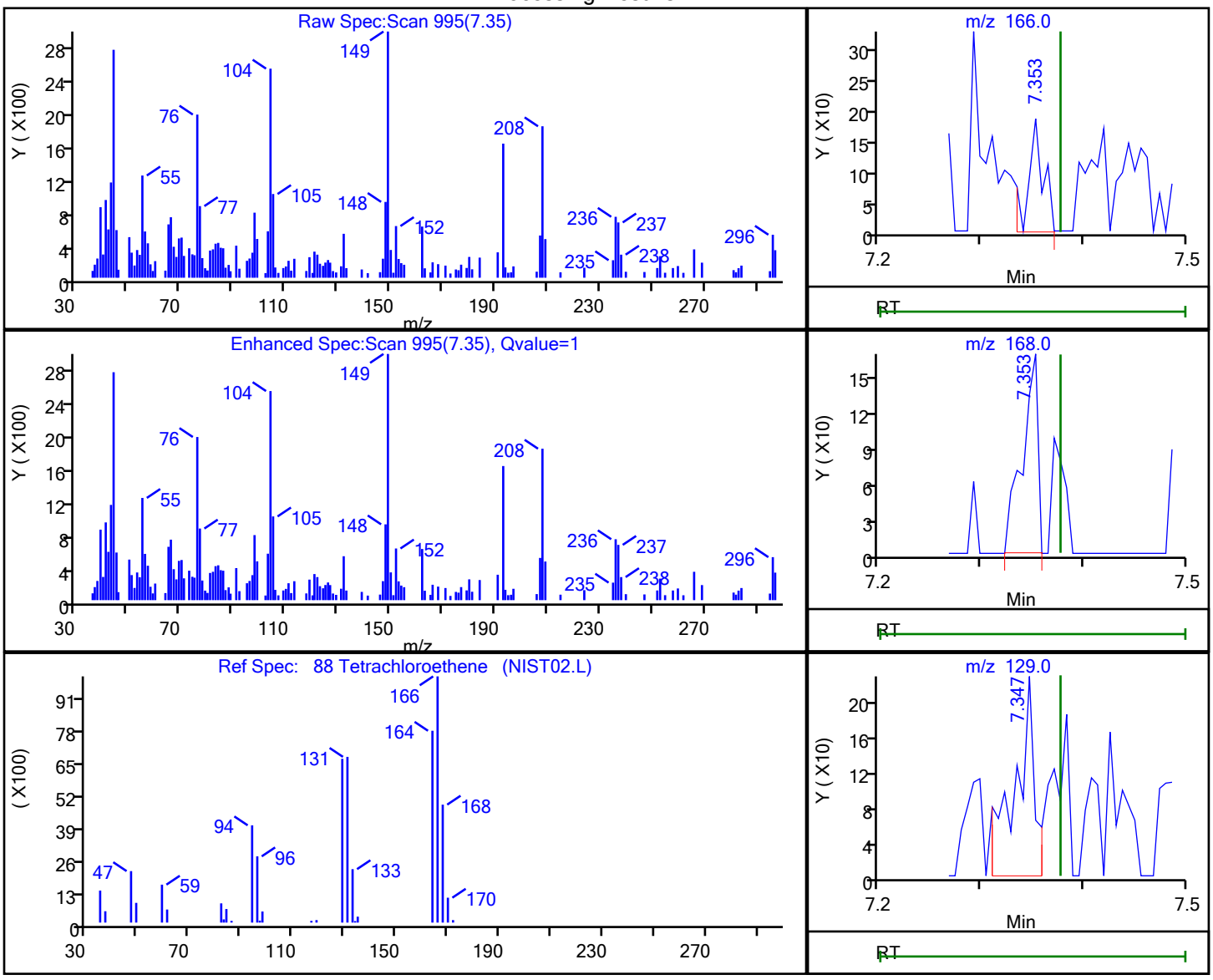
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
7.35	166.00	188	0.049724
7.35	168.00	171	
7.35	129.00	309	

Reviewer: FK2C, 09-May-2024 09:07:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

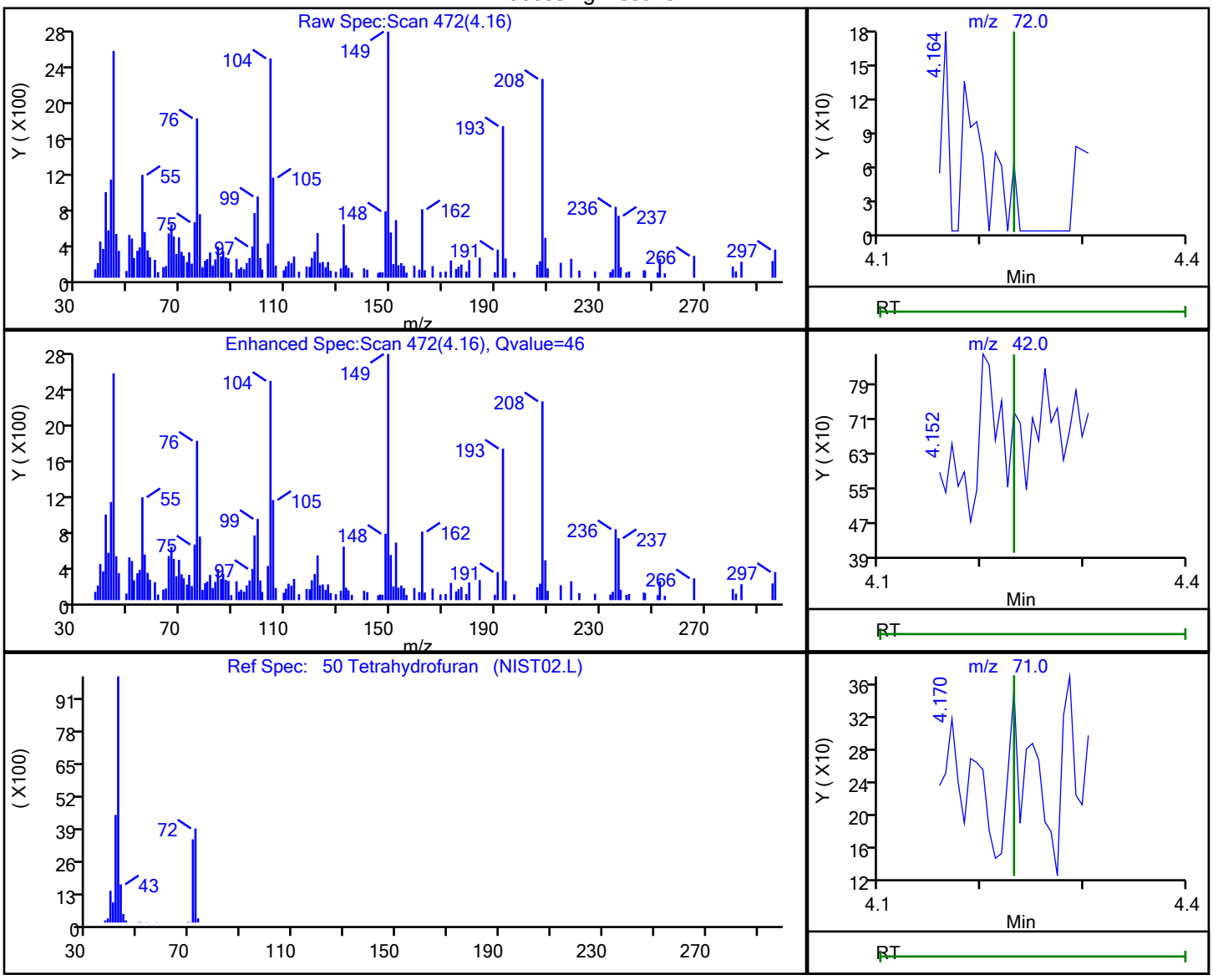
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.16	72.00	83	0.361735
4.15	42.00	560	
4.17	71.00	338	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

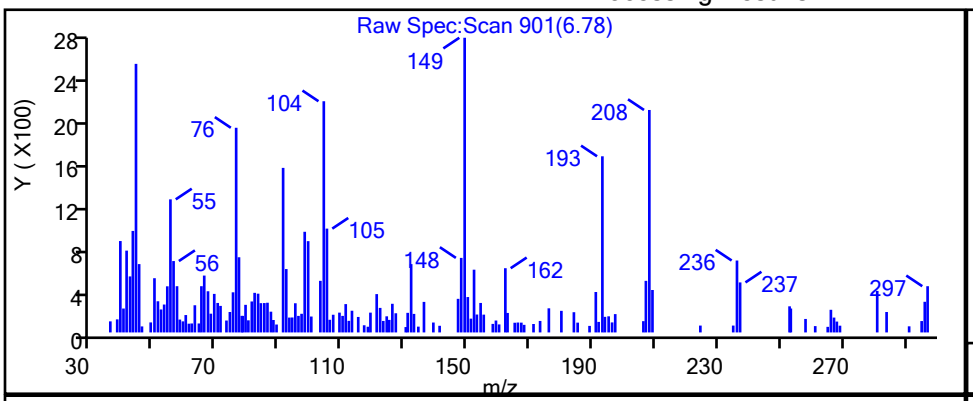
User Disabled Compound Report

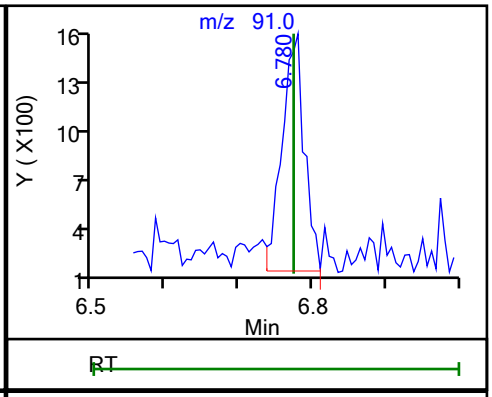
Eurofins Edison

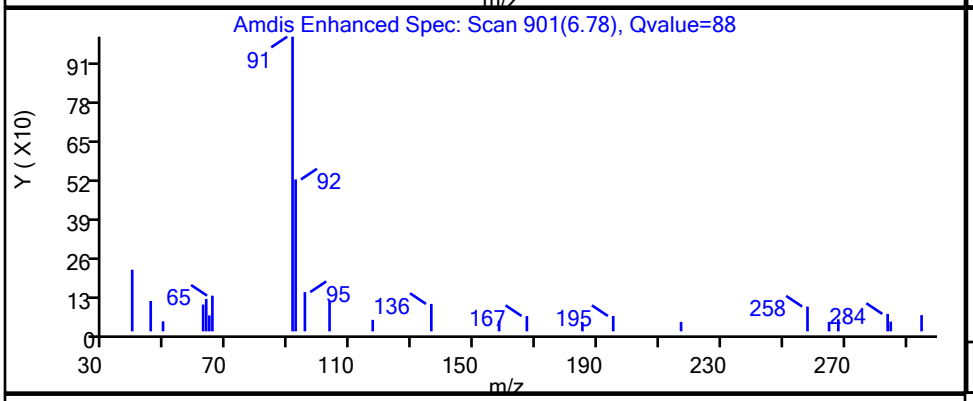
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

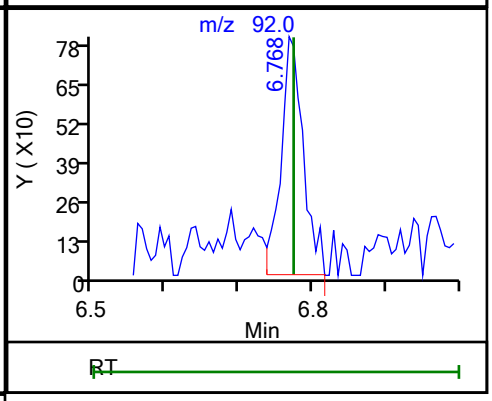
84 Toluene, CAS: 108-88-3

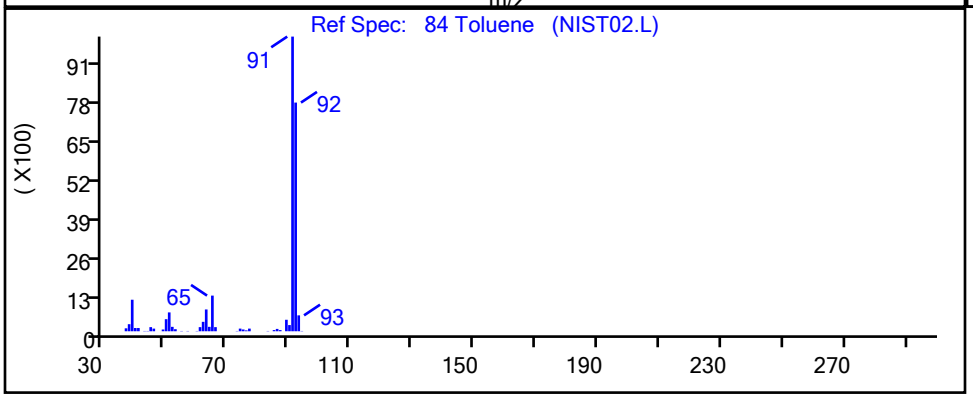
Processing Results











RT	Mass	Response	Amount
6.78	91.00	2944	0.223690
6.77	92.00	1721	

Reviewer: FK2C, 09-May-2024 09:07:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

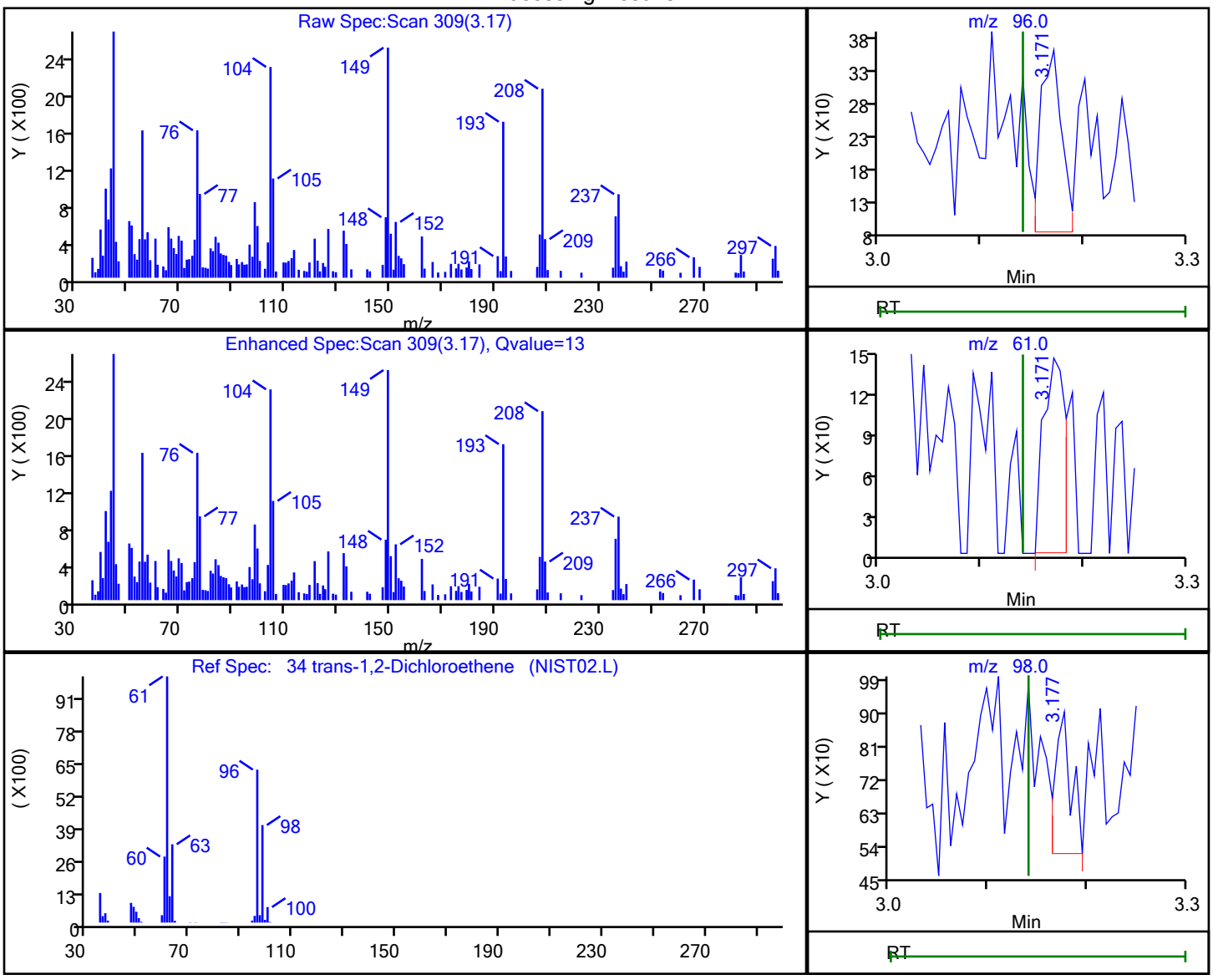
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.17	96.00	395	0.101842
3.17	61.00	210	
3.18	98.00	432	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

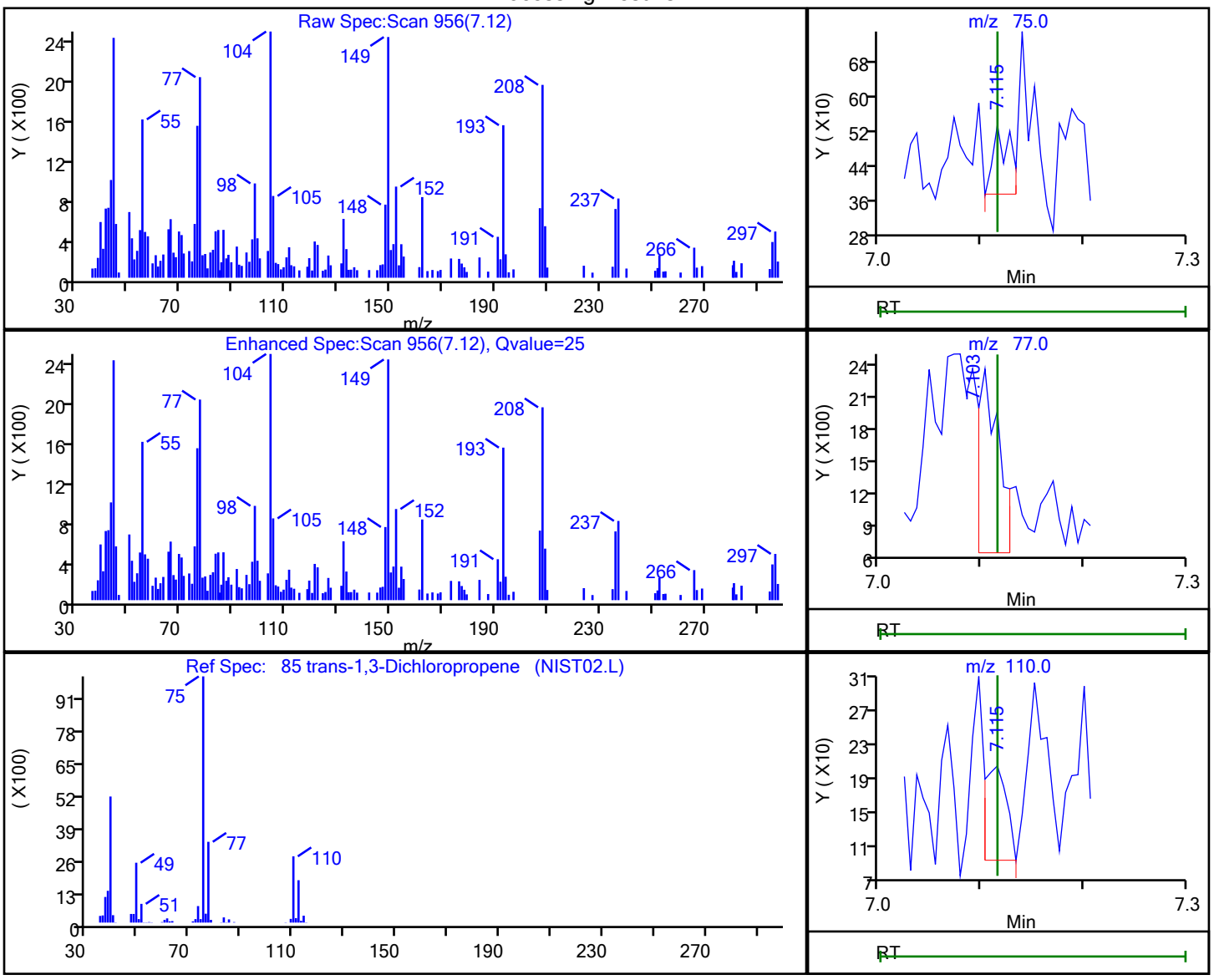
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.12	75.00	188	0.055911
7.10	77.00	2438	
7.12	110.00	159	

Reviewer: FK2C, 09-May-2024 09:07:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

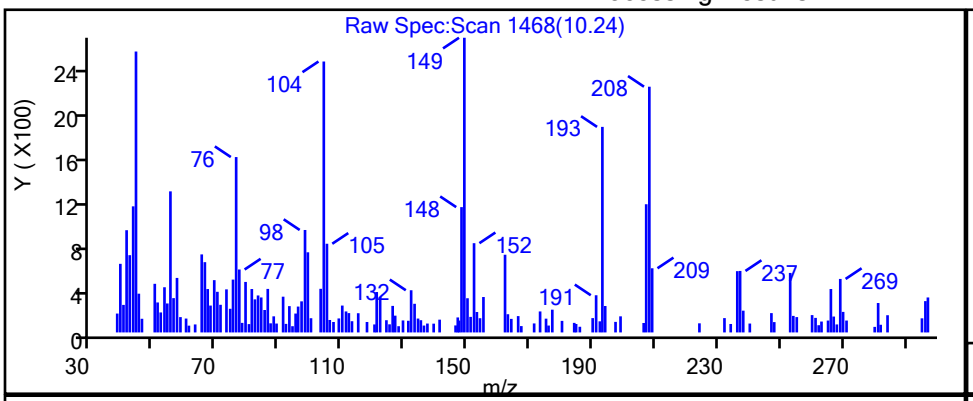
User Disabled Compound Report

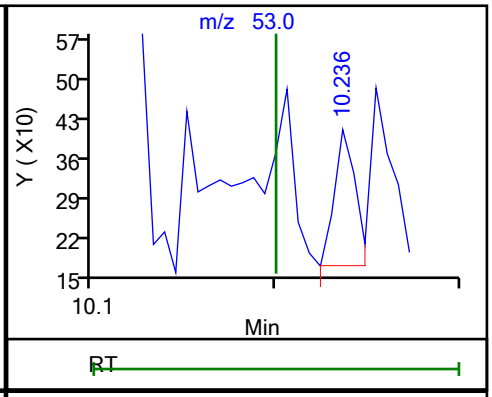
Eurofins Edison

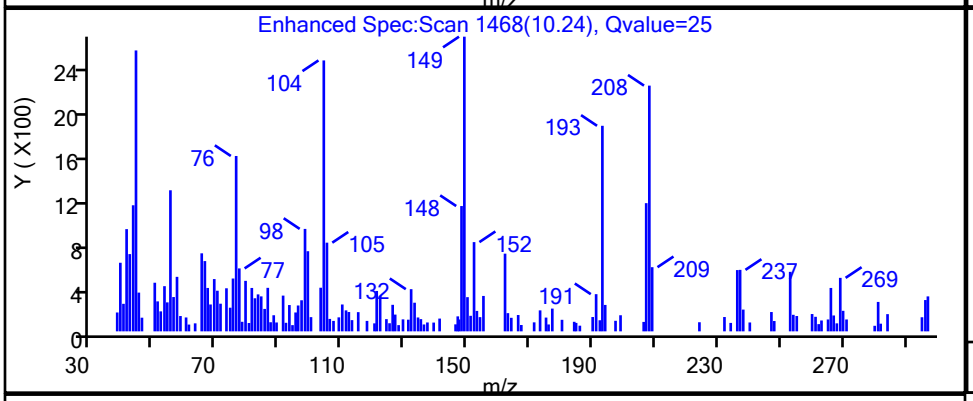
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

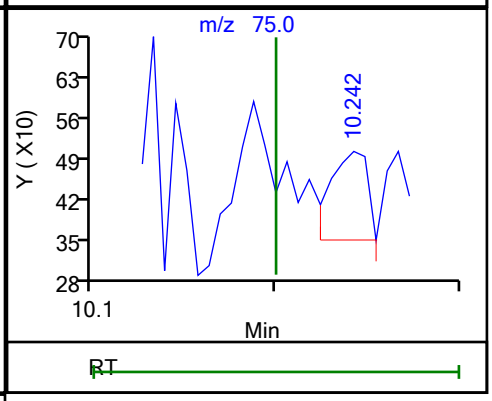
110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

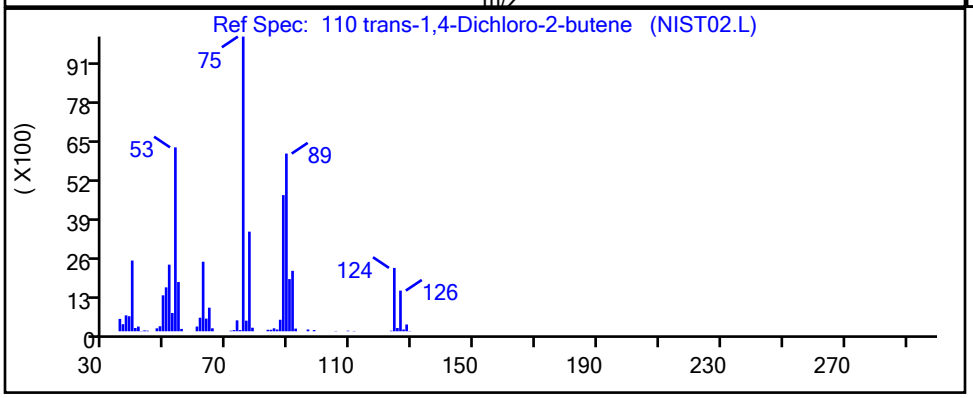
Processing Results











RT	Mass	Response	Amount
10.24	53.00	194	0.395375
10.24	75.00	222	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)

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

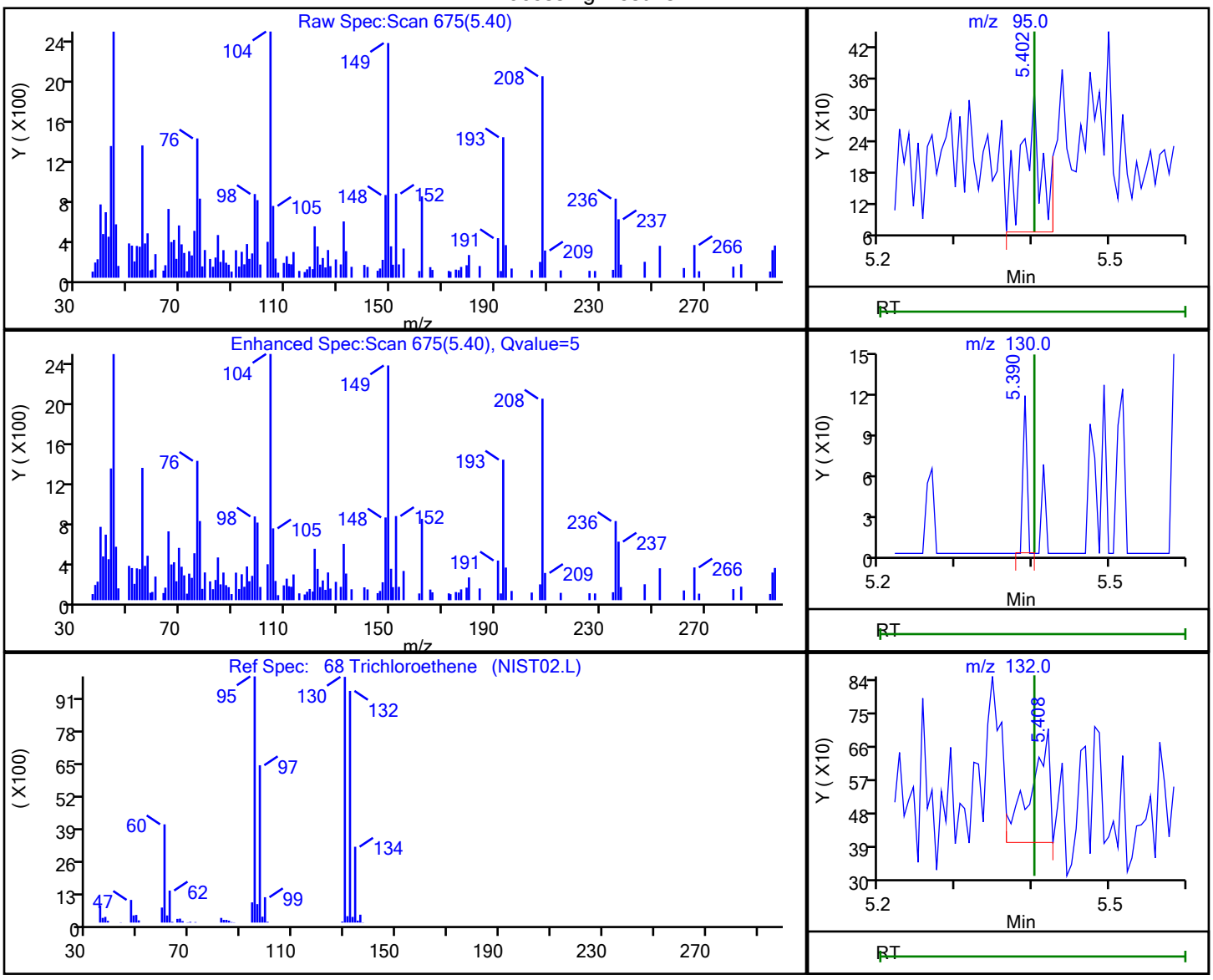
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
5.40	95.00	456	0.127440
5.39	130.00	43	
5.41	132.00	555	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

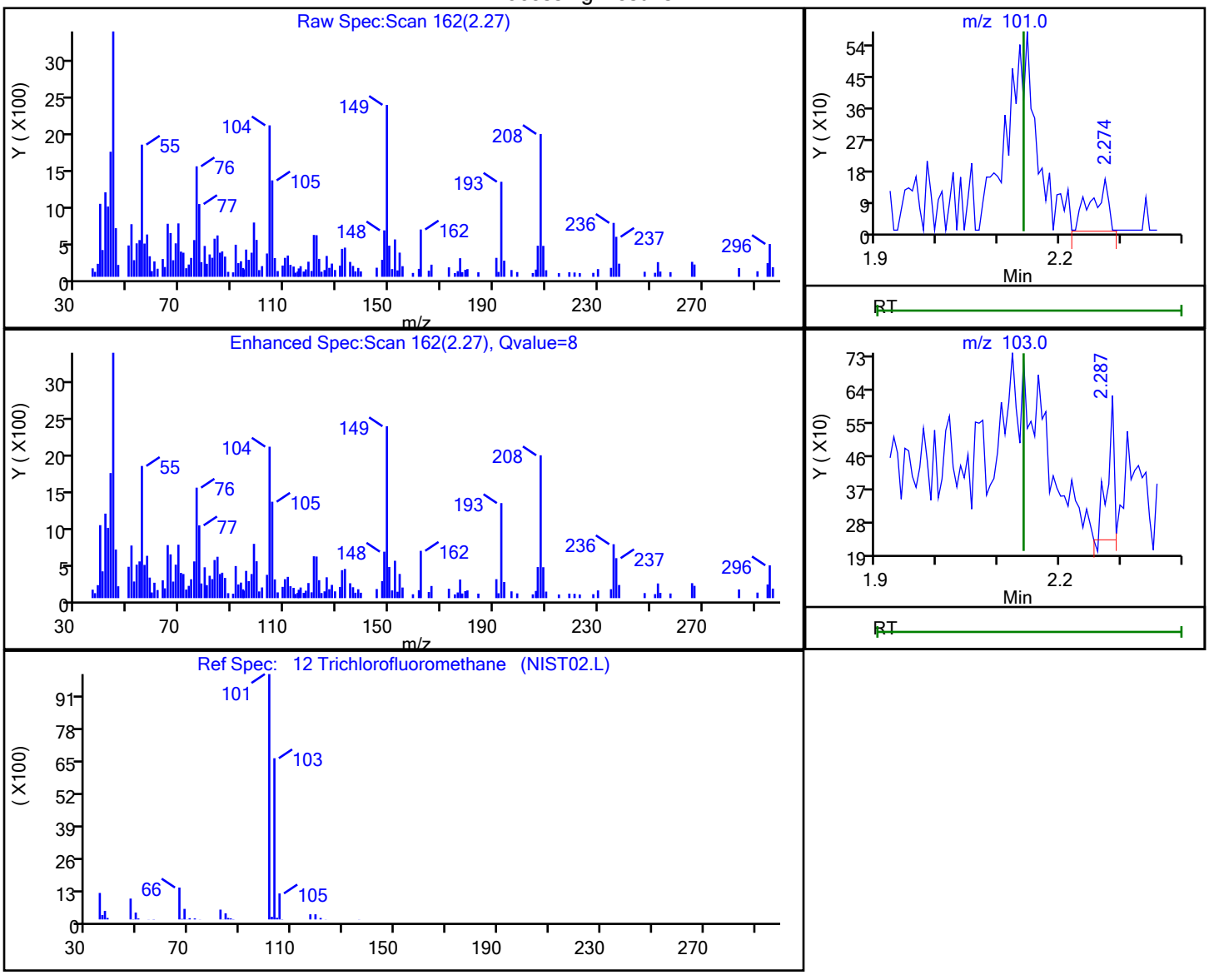
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.27	101.00	278	0.052458
2.29	103.00	291	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

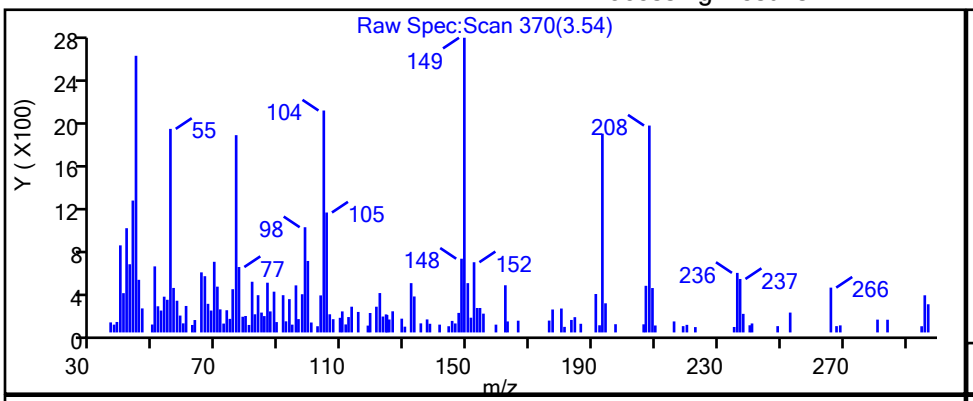
User Disabled Compound Report

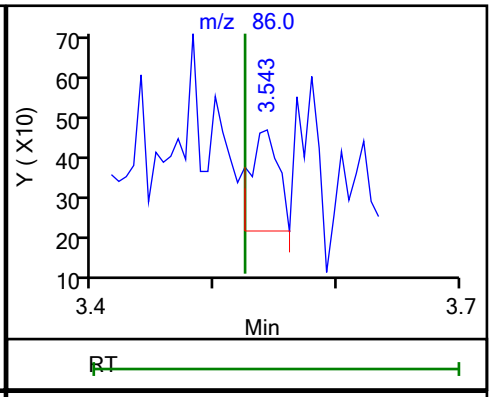
Eurofins Edison

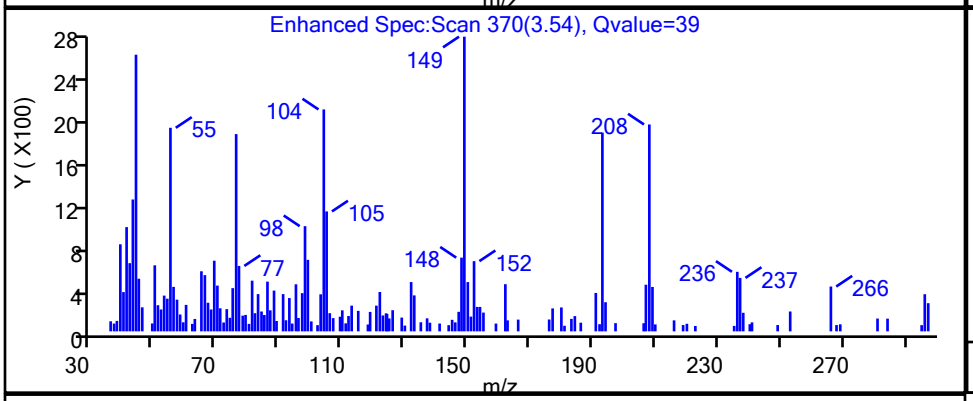
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

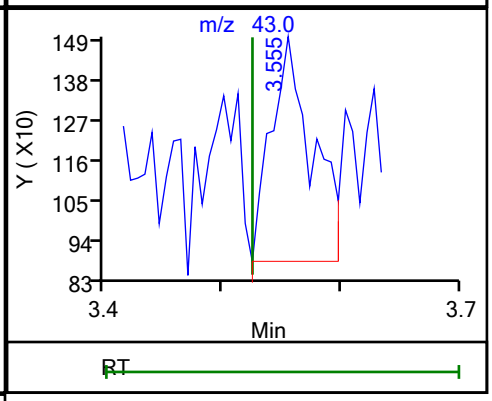
39 Vinyl acetate, CAS: 108-05-4

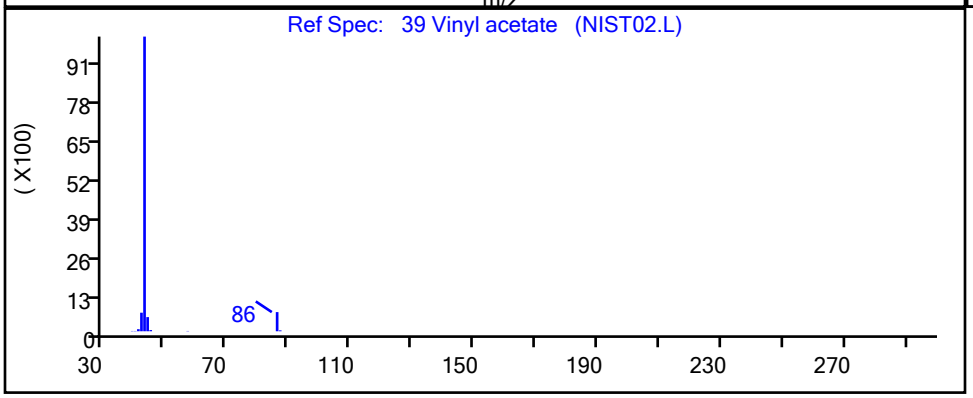
Processing Results











RT	Mass	Response	Amount
3.54	86.00	417	0.880342
3.55	43.00	1550	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

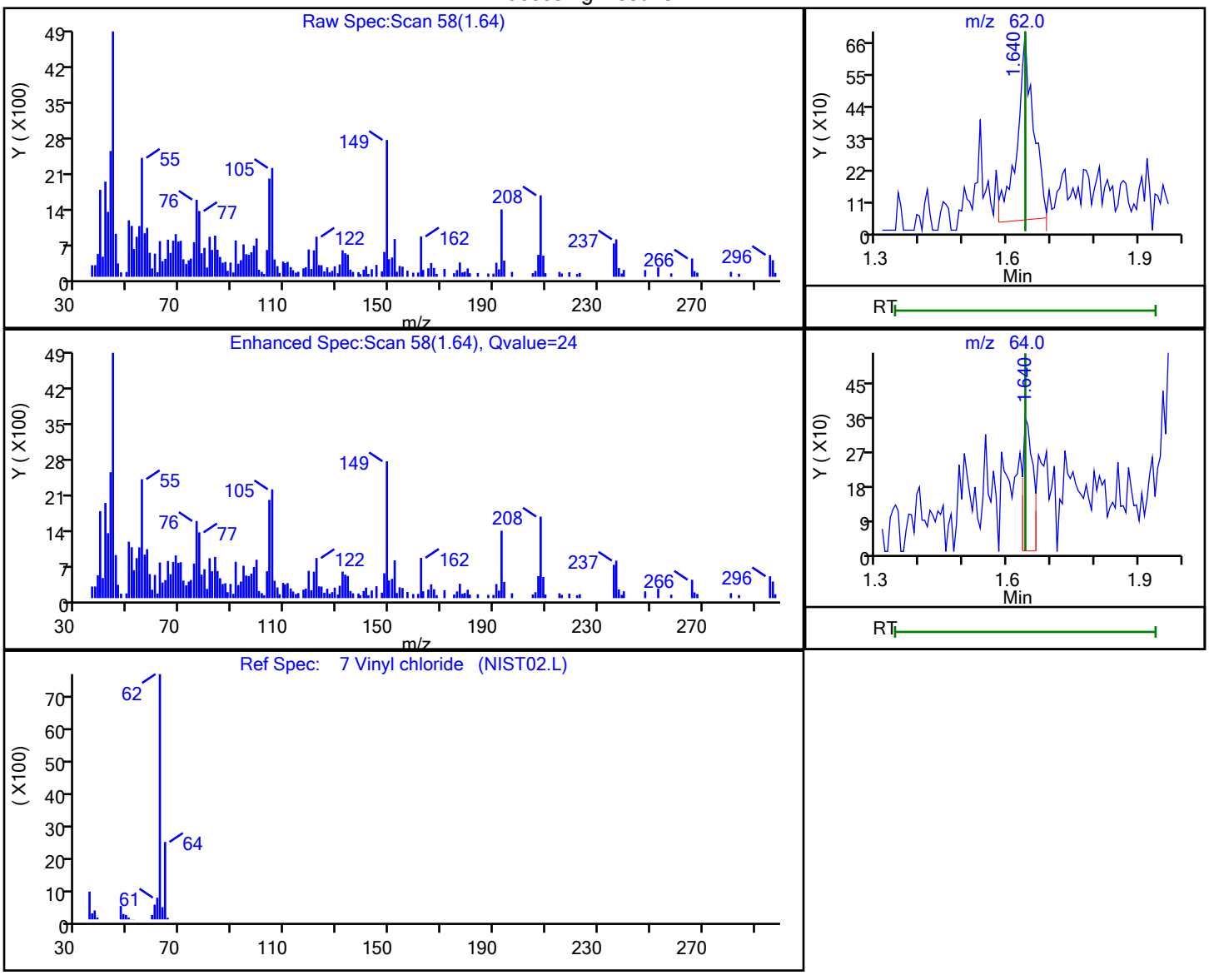
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.64	62.00	1706	0.449029
1.64	64.00	553	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-May-2024 08:49:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0175641-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:26 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:25:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.360	1.366	-0.006	48	1183	0.5000	0.5922	Ma
4 Dichlorodifluoromethane	85	1.409	1.391	0.018	38	1846	0.5000	0.4302	
6 Chloromethane	50	1.549	1.549	0.000	39	1811	0.5000	0.4365	M
7 Vinyl chloride	62	1.646	1.641	0.005	45	2079	0.5000	0.5413	
8 Butadiene	54	1.646	1.641	0.005	46	1862	0.5000	0.5179	
9 Bromomethane	94	1.902	1.897	0.005	31	1443	0.5000	0.5918	
10 Chloroethane	64	1.969	1.964	0.005	36	772	0.5000	0.3600	
11 Dichlorofluoromethane	67	2.128	2.134	-0.006	56	4311	0.5000	0.6161	
12 Trichlorofluoromethane	101	2.146	2.140	0.006	45	3241	0.5000	0.6969	
13 Pentane	72	2.146	2.159	-0.013	94	979	1.00	1.54	M
15 Ethyl ether	74	2.341	2.336	0.005	38	1509	0.5000	0.8506	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	69	1608	0.5000	0.4970	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.390	0.006	42	1580	0.5000	0.4823	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	47	3445	0.5000	0.6772	
19 Acrolein	56	2.512	2.500	0.012	61	914	2.00	2.39	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.525	-0.007	41	2132	0.5000	0.6450	
21 1,1-Dichloroethene	96	2.536	2.537	-0.001	96	2309	0.5000	0.6961	
22 Acetone	43	2.634	2.616	0.018	53	1694	2.50	3.16	M
23 Iodomethane	142	2.683	2.683	0.000	96	3444	0.5000	0.5622	
24 Carbon disulfide	76	2.713	2.714	-0.001	98	8208	0.5000	0.6453	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	75	1680	0.5000	0.7445	M
27 Methyl acetate	43	2.841	2.848	-0.007	61	2583	1.00	1.90	
28 Cyclopentene	67	2.847	2.860	-0.013	88	4188	0.5000	0.5546	M
29 Acetonitrile	41	2.902	2.902	0.000	58	991	5.00	4.55	Ma
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	26640	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	32	2271	0.5000	0.6120	
32 2-Methyl-2-propanol	59	3.030	3.012	0.018	35	740	5.00	4.37	
33 Methyl tert-butyl ether	73	3.134	3.110	0.024	33	4410	0.5000	0.5623	Ma
34 trans-1,2-Dichloroethene	96	3.146	3.140	0.006	90	2487	0.5000	0.6695	
35 Acrylonitrile	53	3.207	3.201	0.006	83	3826	5.00	5.33	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Hexane	57	3.286	3.293	-0.007	73	3471	0.5000	0.7433	M
37 Isopropyl ether	45	3.500	3.488	0.012	71	7103	0.5000	0.6347	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	94	4424	0.5000	0.7097	
39 Vinyl acetate	86	3.530	3.524	0.006	89	316	1.00	0.7133	M
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	88	1676	0.5000	0.5369	
41 Tert-butyl ethyl ether	59	3.792	3.793	-0.001	88	5631	0.5000	0.5789	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	158958	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	57	649	0.5000	0.4934	a
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	91	2352	0.5000	0.6064	
45 2-Butanone (MEK)	72	4.048	4.030	0.018	21	1060	2.50	5.29	M
46 Ethyl acetate	70	4.042	4.036	0.006	81	305	1.00	1.38	M
47 Methyl acrylate	55	4.085	4.085	0.000	65	825	0.5000	0.4967	a
48 Propionitrile	54	4.170	4.164	0.006	52	1258	5.00	5.35	a
50 Tetrahydrofuran	72	4.219	4.232	-0.013	45	281	1.00	1.26	Ma
49 Chlorobromomethane	128	4.250	4.238	0.012	35	1197	0.5000	0.7332	a
51 Methacrylonitrile	67	4.262	4.262	0.000	90	4988	5.00	6.49	
52 Chloroform	83	4.292	4.292	0.000	96	3434	0.5000	0.6046	
53 Cyclohexane	84	4.426	4.427	-0.001	31	3769	0.5000	0.7383	a
54 1,1,1-Trichloroethane	97	4.432	4.433	-0.001	36	2937	0.5000	0.6028	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	142763	50.0	49.6	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	25	2453	0.5000	0.5692	M
57 1,1-Dichloropropene	75	4.579	4.579	0.000	93	3523	0.5000	0.7681	
58 Isobutyl alcohol	43	4.688	4.695	-0.007	54	574	12.5	7.72	
59 Isooctane	57	4.743	4.744	-0.001	96	8030	0.5000	0.6854	
60 Benzene	78	4.768	4.774	-0.006	40	7806	0.5000	0.5950	a
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	129581	50.0	46.9	
63 Isopropyl acetate	61	4.829	4.835	-0.006	73	1063	0.5000	0.8393	
62 Tert-amyl methyl ether	73	4.829	4.835	-0.006	93	4634	0.5000	0.5591	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	94	2132	0.5000	0.6381	
65 n-Heptane	100	4.932	4.926	0.006	81	498	0.5000	-0.009020	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	591013	50.0	50.0	
67 n-Butanol	56	5.359	5.347	0.012	48	967	12.5	23.9	Ma
68 Trichloroethene	95	5.408	5.402	0.006	90	2348	0.5000	0.6875	
69 Methylcyclohexane	83	5.530	5.524	0.006	93	4584	0.5000	0.7781	
70 Ethyl acrylate	99	5.542	5.530	0.012	75	493	0.5000	1.54	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	58	2372	0.5000	0.6926	a
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	18061	1000.0	1000.0	
73 Methyl methacrylate	100	5.780	5.762	0.018	33	886	1.00	1.60	Ma
74 Dibromomethane	93	5.810	5.810	0.000	37	1036	0.5000	0.6869	M
76 n-Propyl acetate	43	5.816	5.817	-0.001	66	2376	0.5000	0.9108	
77 Dichlorobromomethane	83	5.957	5.957	0.000	94	2639	0.5000	0.6620	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	53	1236	0.5012	0.8407	M
80 Epichlorohydrin	57	6.389	6.396	-0.007	50	2552	10.0	17.1	M
81 cis-1,3-Dichloropropene	75	6.456	6.451	0.005	86	3355	0.5000	0.6842	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	87	1860	2.50	2.74	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	100	550935	50.0	50.2	
84 Toluene	91	6.773	6.774	-0.001	93	10124	0.5000	0.7418	
85 trans-1,3-Dichloropropene	75	7.109	7.115	-0.006	57	2408	0.5000	0.6411	M
86 Ethyl methacrylate	69	7.158	7.158	0.000	55	1924	0.5000	0.6145	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	42	856	0.5000	0.4816	
88 Tetrachloroethene	166	7.365	7.377	-0.012	90	2071	0.5000	0.6245	
89 1,3-Dichloropropane	76	7.535	7.542	-0.007	72	2307	0.5000	0.6531	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.609	7.603	0.006	72	2655	2.50	2.58	M
91 n-Butyl acetate	43	7.731	7.725	0.006	61	1687	0.5000	0.5642	
92 Chlorodibromomethane	129	7.761	7.761	0.000	37	1777	0.5000	0.6995	
93 Ethylene Dibromide	107	7.913	7.914	-0.001	23	1169	0.5000	0.5825	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	411294	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	91	4056	0.5000	0.4991	
96 Ethylbenzene	106	8.608	8.603	0.005	96	3506	0.5000	0.7621	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	44	2013	0.5000	0.6269	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	3410	0.5000	0.6022	
100 n-Butyl acrylate	73	9.267	9.273	-0.006	61	782	0.5000	0.4152	M
99 o-Xylene	106	9.273	9.279	-0.006	93	3532	0.5000	0.6045	
101 Styrene	104	9.316	9.310	0.006	95	6302	0.5000	0.6833	M
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	77	2899	0.5000	0.7114	
102 Bromoform	173	9.553	9.548	0.005	45	1150	0.5000	0.7466	M
104 Isopropylbenzene	105	9.700	9.700	0.000	94	8721	0.5000	0.6494	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	97	167122	50.0	49.3	
106 Bromobenzene	156	10.072	10.066	0.006	90	2153	0.5000	0.6122	
107 1,1,2,2-Tetrachloroethane	83	10.120	10.127	-0.007	47	1420	0.5000	0.5887	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	9844	0.5000	0.5629	
109 1,2,3-Trichloropropane	110	10.181	10.175	0.006	65	278	0.5000	0.4179	
110 trans-1,4-Dichloro-2-butene	53	10.193	10.200	-0.007	48	385	0.5000	0.7025	
111 2-Chlorotoluene	91	10.261	10.261	0.000	95	6961	0.5000	0.5757	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	8292	0.5000	0.5718	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	91	7729	0.5000	0.6279	
114 4-Chlorotoluene	91	10.382	10.383	-0.001	96	6343	0.5000	0.5865	
115 Butyl Methacrylate	87	10.468	10.468	0.000	86	2364	0.5000	0.5540	
116 tert-Butylbenzene	119	10.657	10.657	0.000	92	5863	0.5000	0.5828	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	95	7522	0.5000	0.5884	
118 sec-Butylbenzene	105	10.870	10.870	0.000	98	9670	0.5000	0.6092	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	74	3873	0.5000	0.5666	
120 4-Isopropyltoluene	119	11.010	11.011	-0.001	97	7759	0.5000	0.5713	
* 121 1,4-Dichlorobenzene-d4	152	11.071	11.072	-0.001	95	215069	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	84	4335	0.5000	0.6544	a
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	97	7541	0.5000	0.5684	
124 Benzyl chloride	91	11.230	11.230	0.000	94	2991	0.5000	0.5834	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	7283	0.5000	0.6107	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	5037	0.5000	0.5875	
127 n-Butylbenzene	92	11.376	11.376	0.000	96	4794	0.5000	0.6639	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	3735	0.5000	0.5921	
129 1,2,4,5-Tetramethylbenzene	119	12.022	12.023	-0.001	97	7439	0.5000	0.5806	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	32	247	0.5000	0.6421	Ma
131 1,3,5-Trichlorobenzene	180	12.217	12.218	-0.001	93	3356	0.5000	0.5706	
132 1,2,4-Trichlorobenzene	180	12.717	12.718	-0.001	93	2736	0.5000	0.5746	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	89	2034	0.5000	0.6717	
134 Naphthalene	128	12.912	12.907	0.005	96	4113	0.5000	0.5934	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	85	2433	0.5000	0.6502	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.28	
S 137 Xylenes, Total	100				0		1.00	1.21	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.33	
S 140 Total BTEX	1				0		2.50	3.31	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	5.00	Units: uL	
ACROLEIN W_00169	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	5.00	Units: uL	
14DIOXINTER_00168	Amount Added:	15.00	Units: uL	
GASES Li_00582	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:27 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D

Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17

Lims ID: STD05

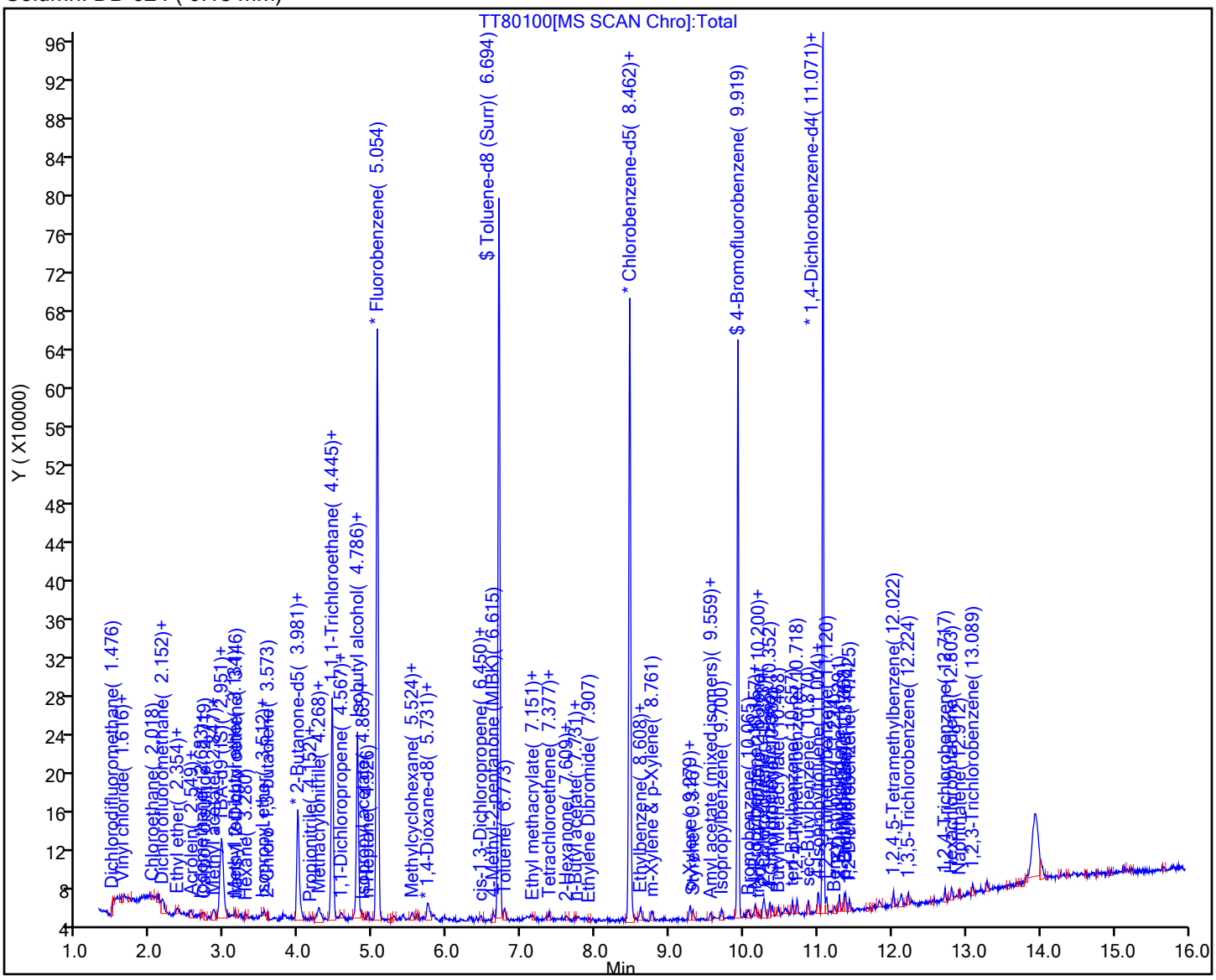
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

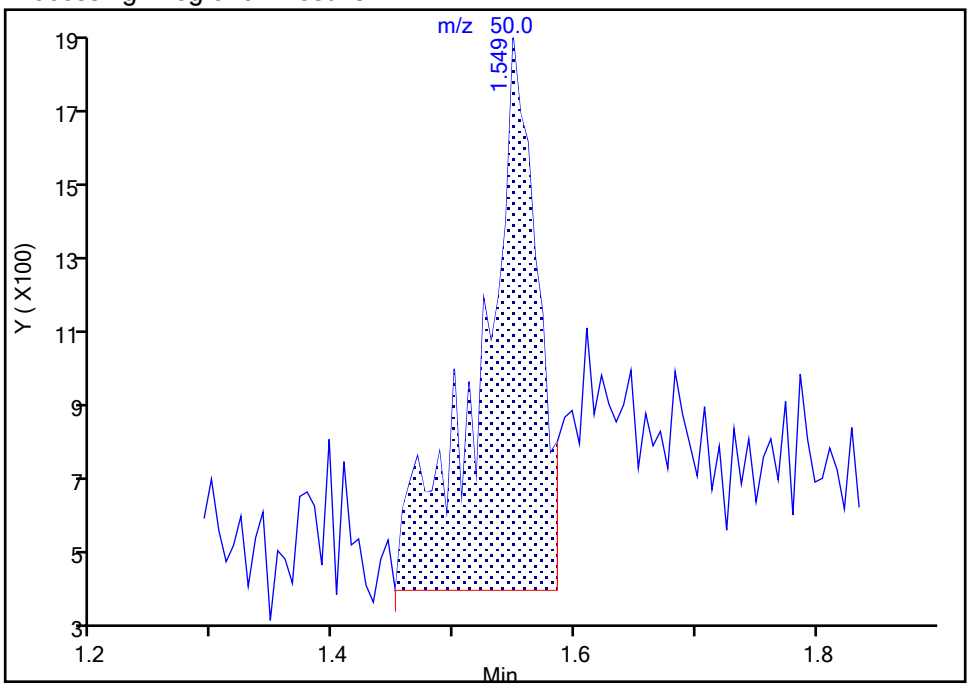
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

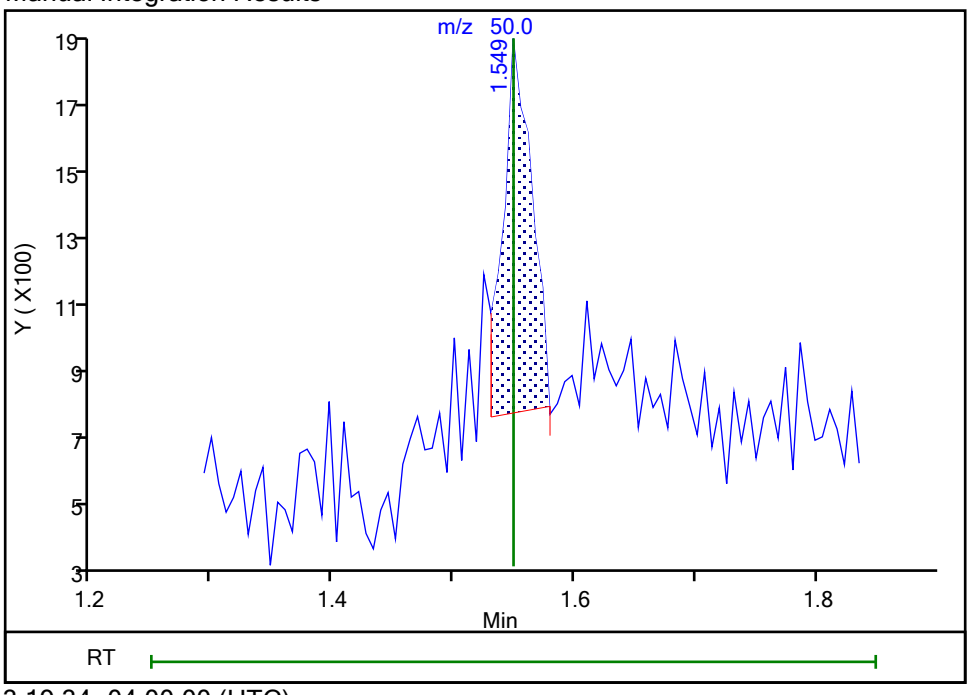
Processing Integration Results

RT: 1.55
Area: 4781
Amount: 0.971344
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 1811
Amount: 0.436520
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:19:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

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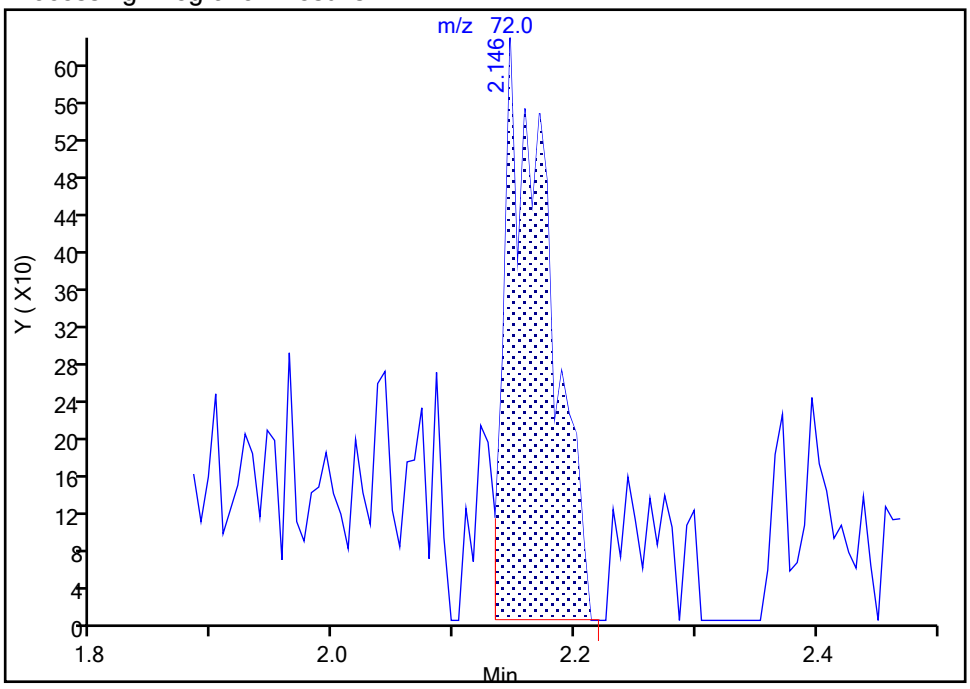
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

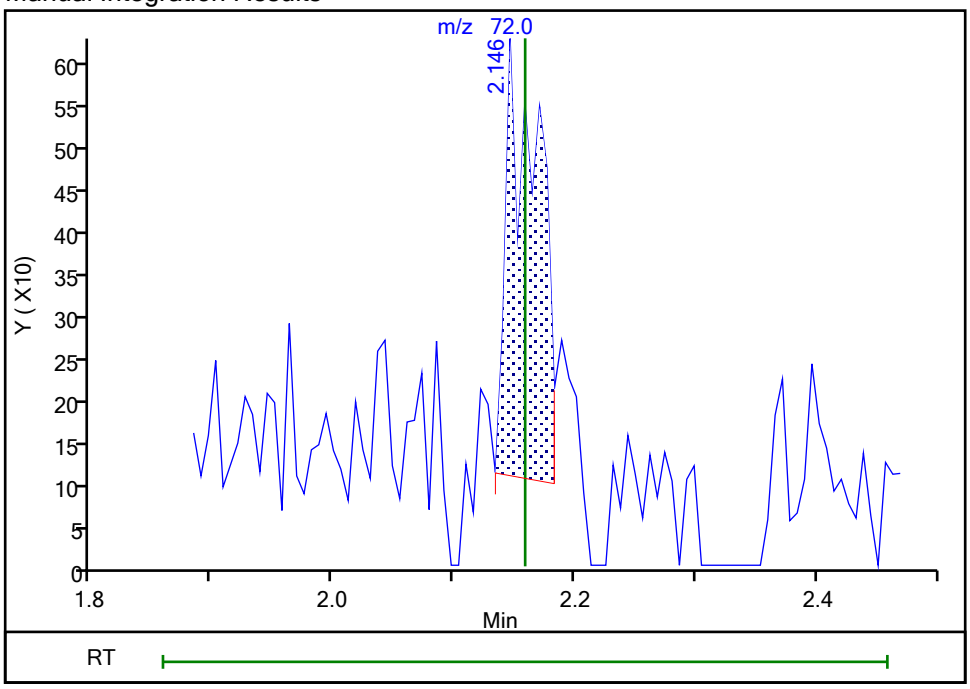
Processing Integration Results

RT: 2.15
Area: 1602
Amount: 2.065811
Amount Units: ug/l



Manual Integration Results

RT: 2.15
Area: 979
Amount: 1.535134
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:35:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

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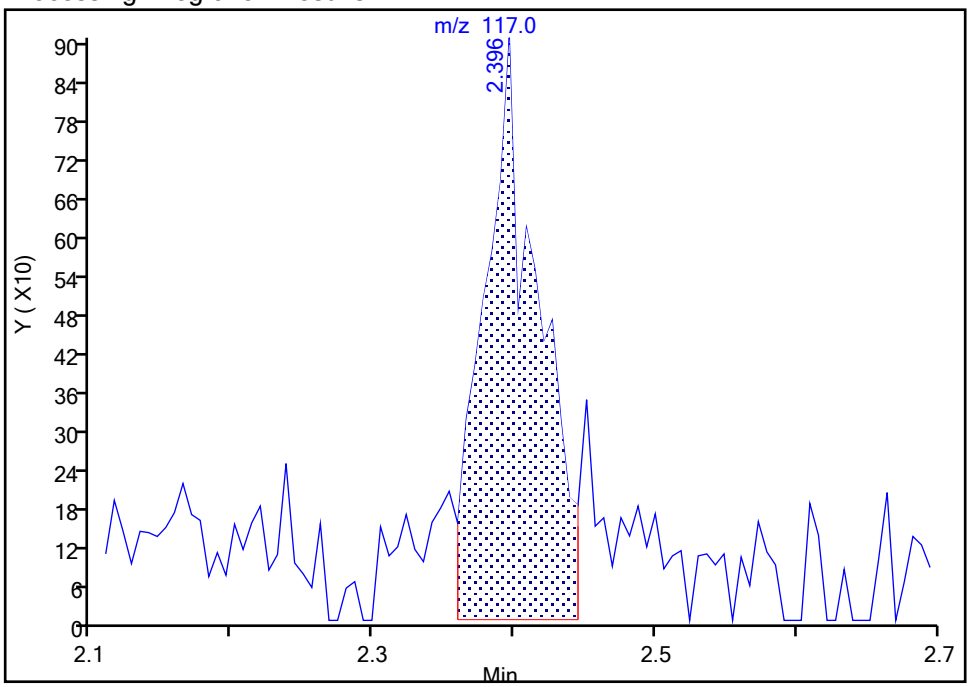
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

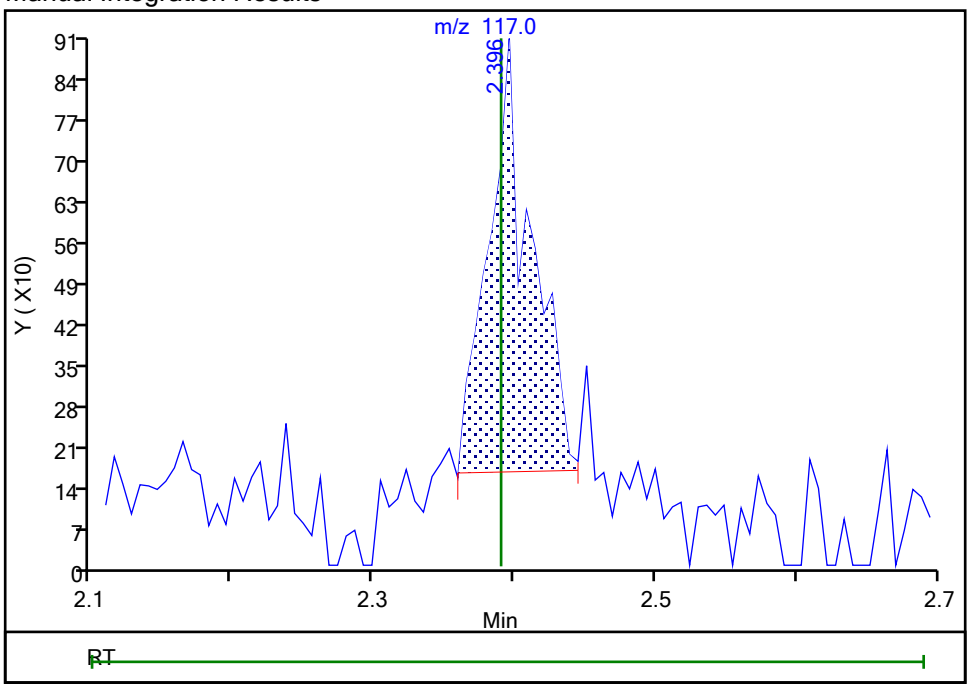
Processing Integration Results

RT: 2.40
Area: 2455
Amount: 0.699590
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 1580
Amount: 0.482335
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:19:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

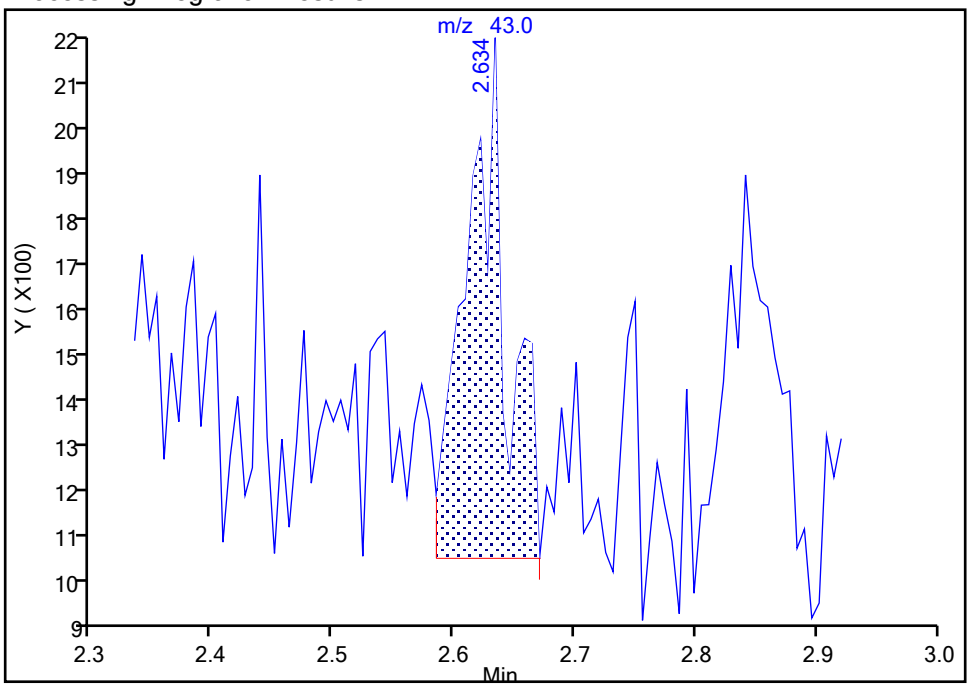
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

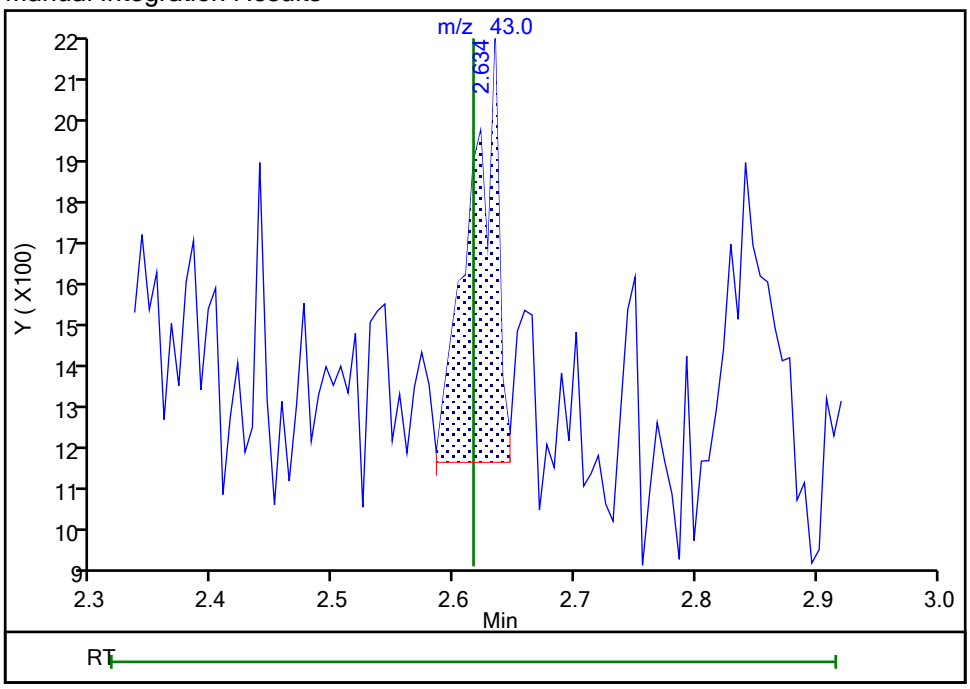
Processing Integration Results

RT: 2.63
Area: 2628
Amount: 4.032706
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 1694
Amount: 3.155961
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

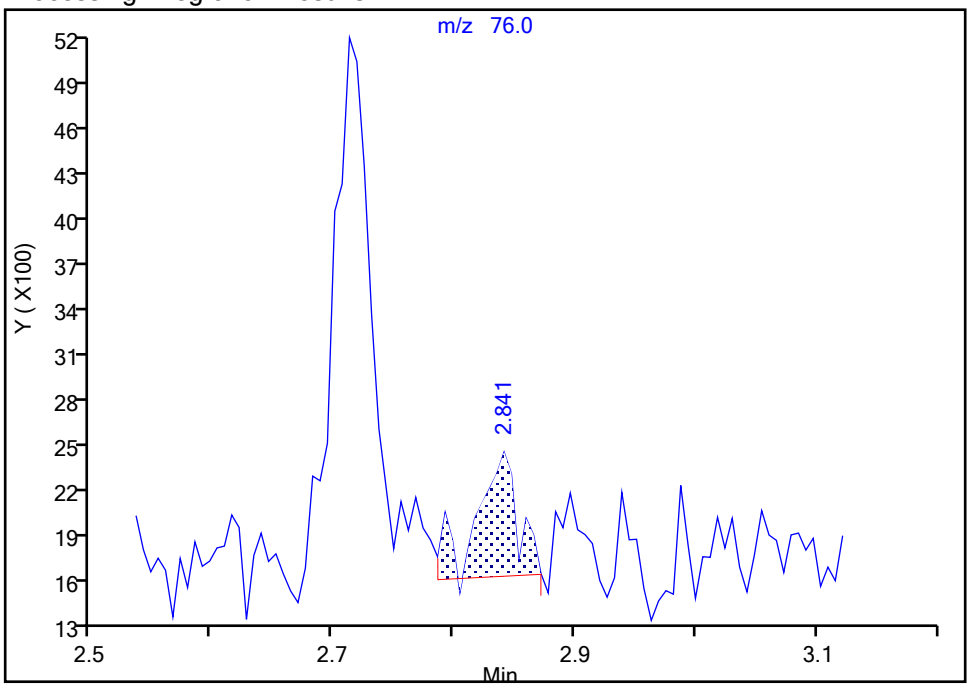
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

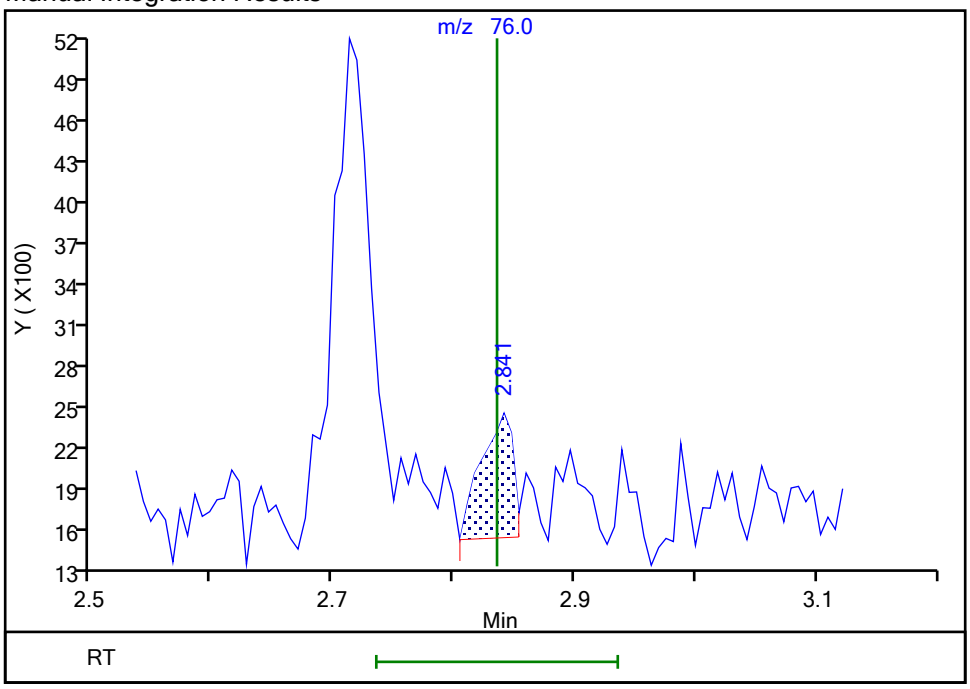
Processing Integration Results

RT: 2.84
Area: 1904
Amount: 0.957547
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 1680
Amount: 0.744512
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

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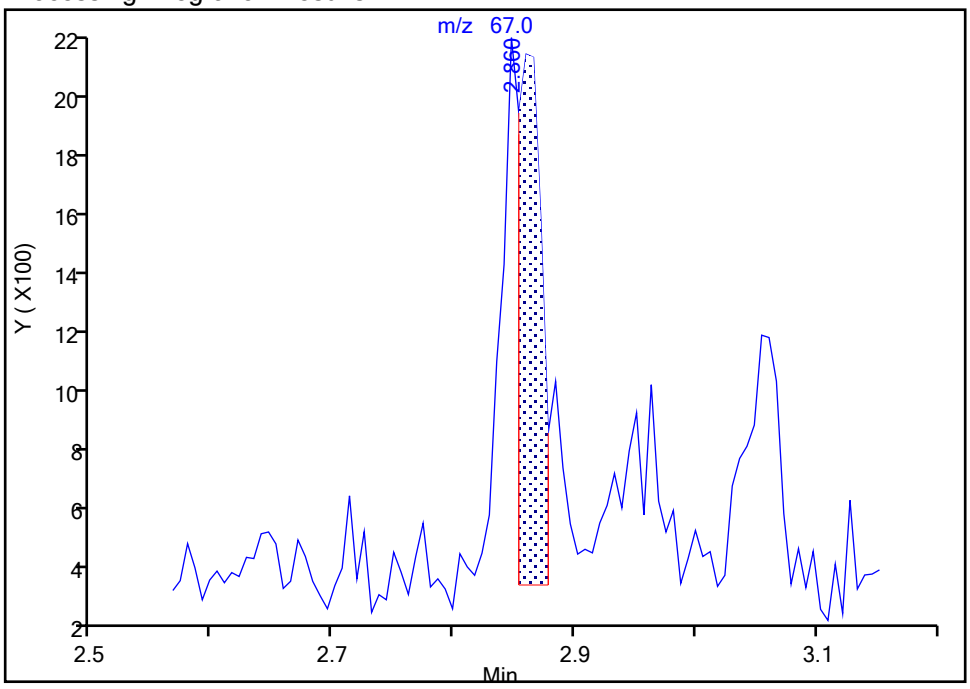
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

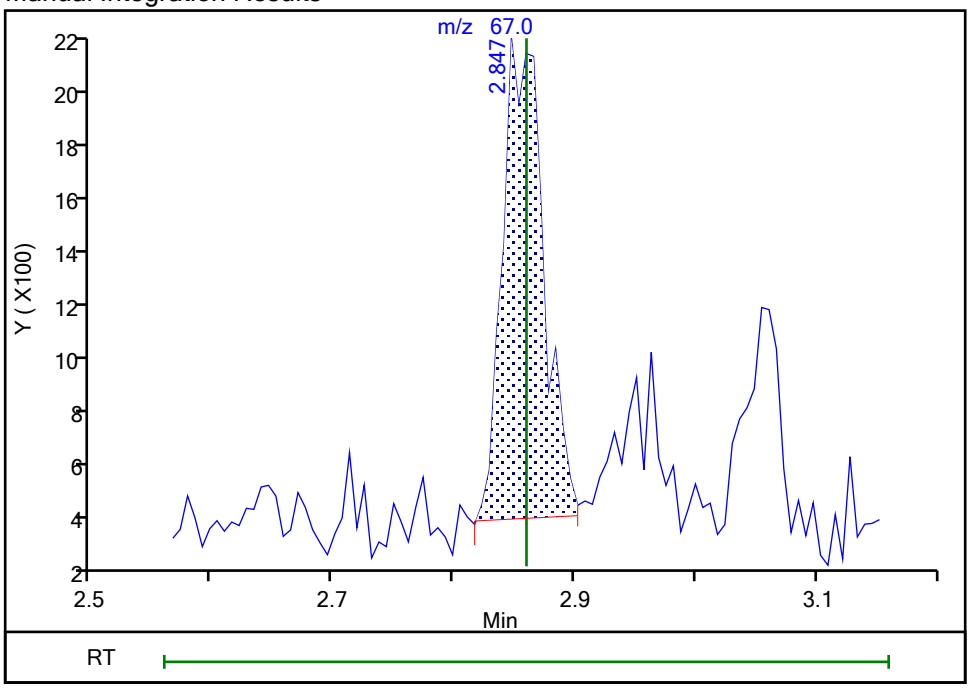
Processing Integration Results

RT: 2.86
Area: 2506
Amount: 0.348605
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 4188
Amount: 0.554597
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

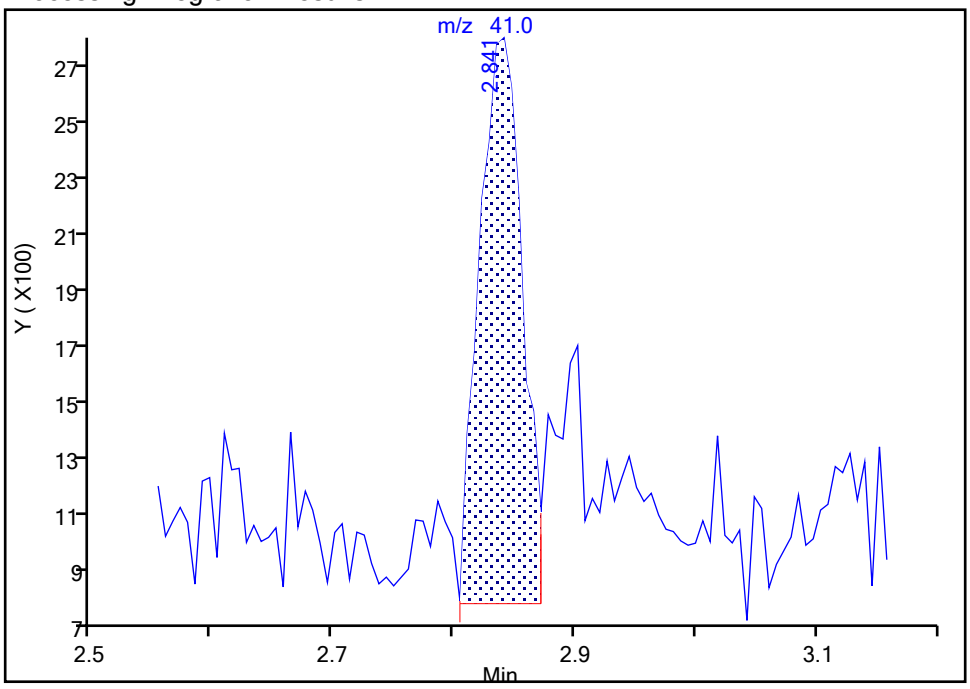
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

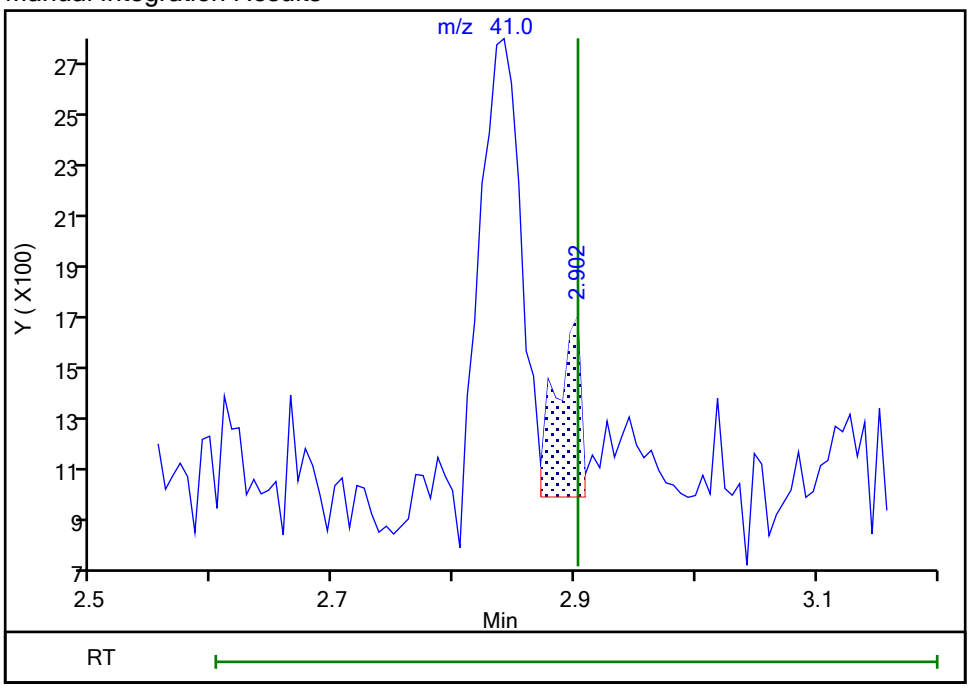
Processing Integration Results

RT: 2.84
Area: 4864
Amount: 14.933883
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 991
Amount: 4.548946
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

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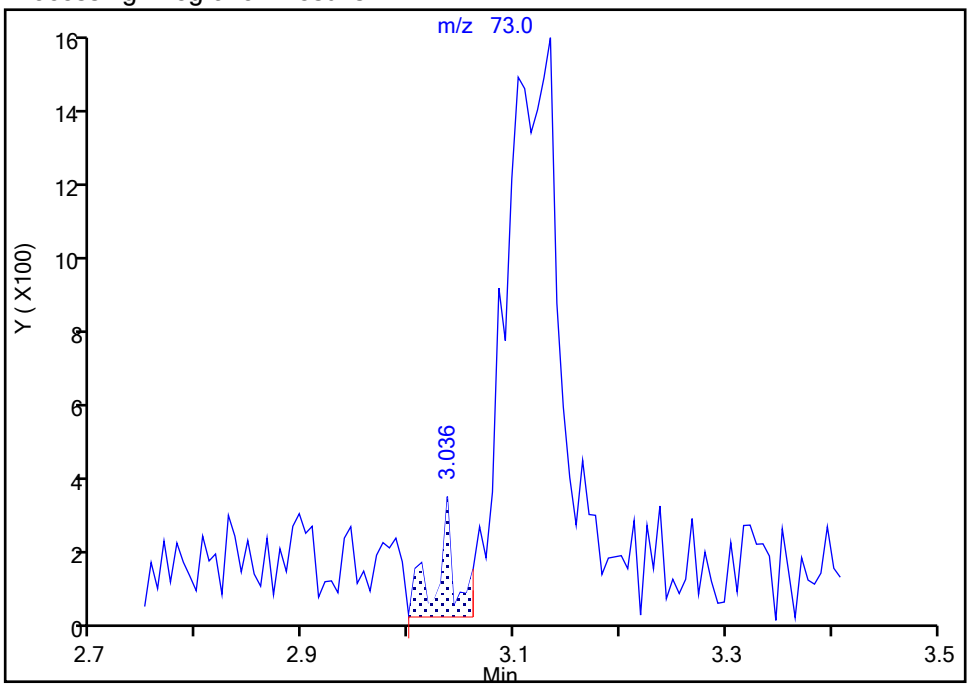
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

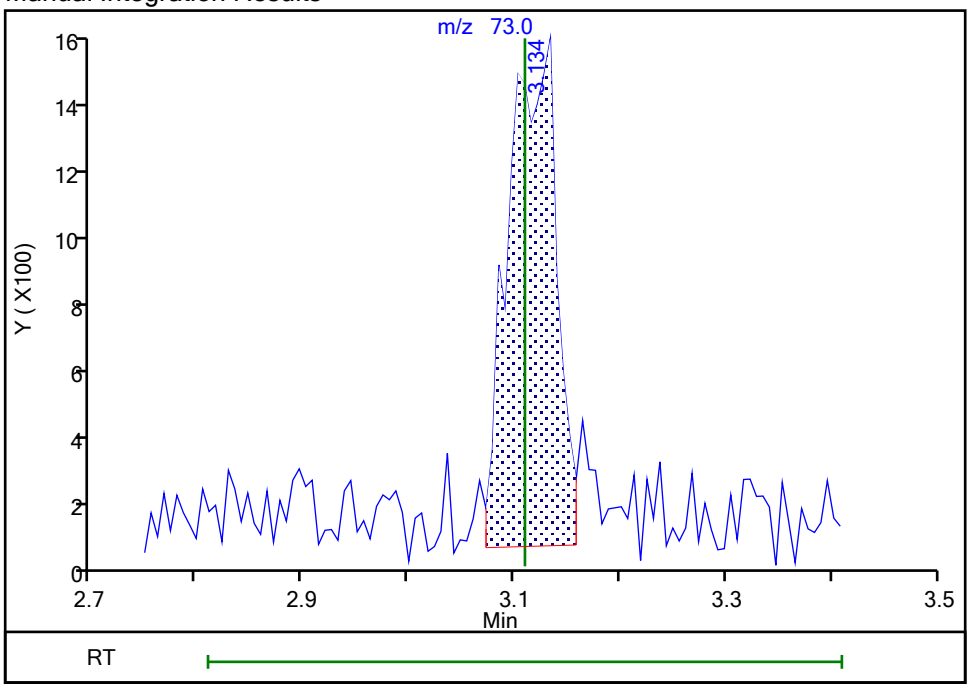
Processing Integration Results

RT: 3.04
Area: 350
Amount: 0.046962
Amount Units: ug/l



Manual Integration Results

RT: 3.13
Area: 4410
Amount: 0.562311
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:21:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

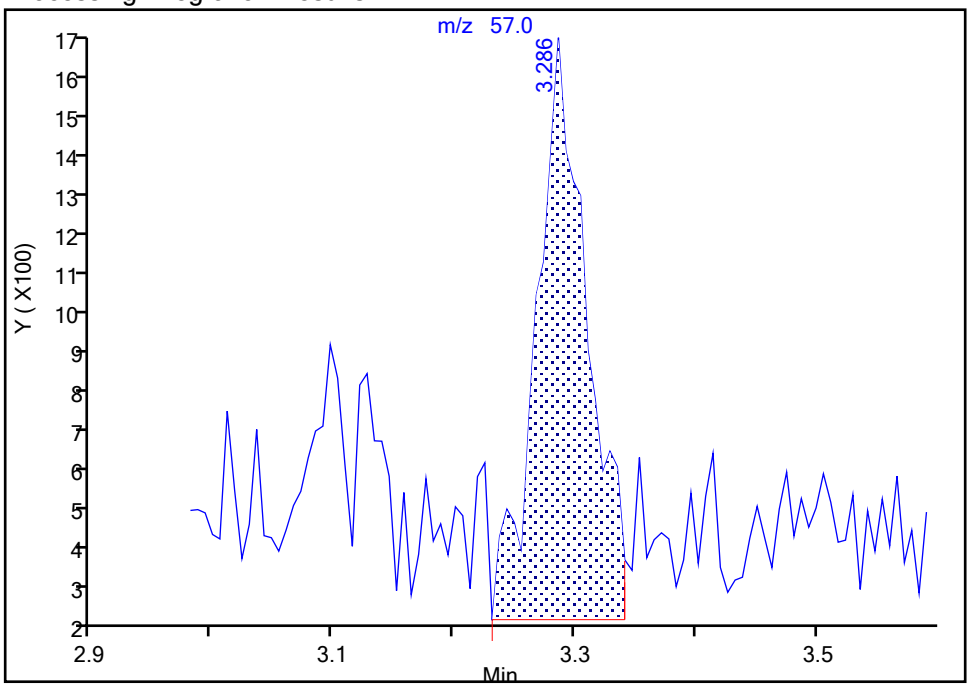
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Signal: 1

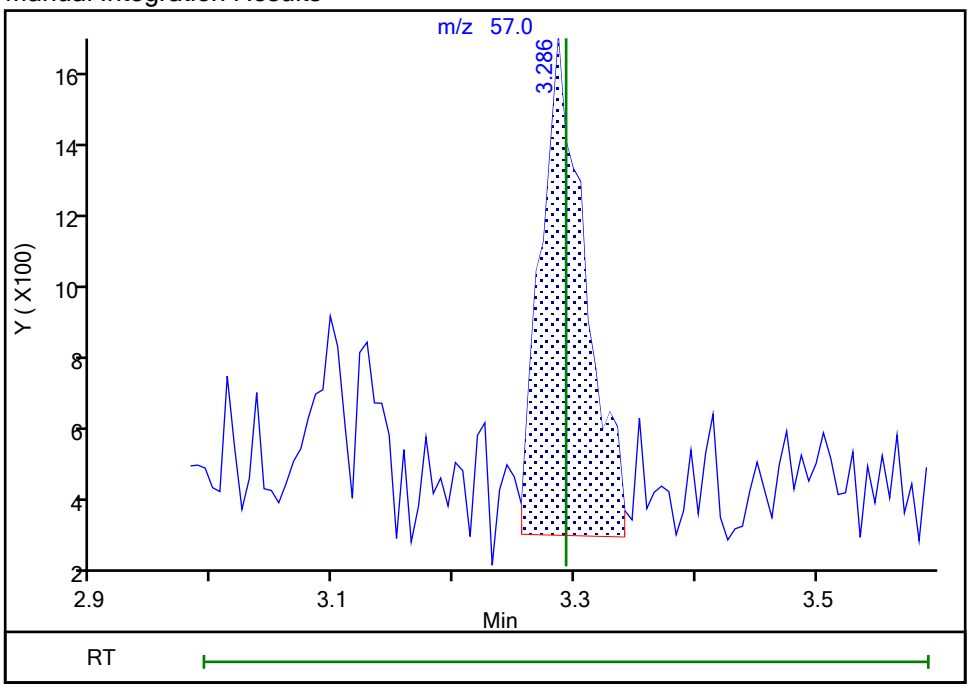
Processing Integration Results

RT: 3.29
Area: 4183
Amount: 1.134020
Amount Units: ug/l



Manual Integration Results

RT: 3.29
Area: 3471
Amount: 0.743277
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:41:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

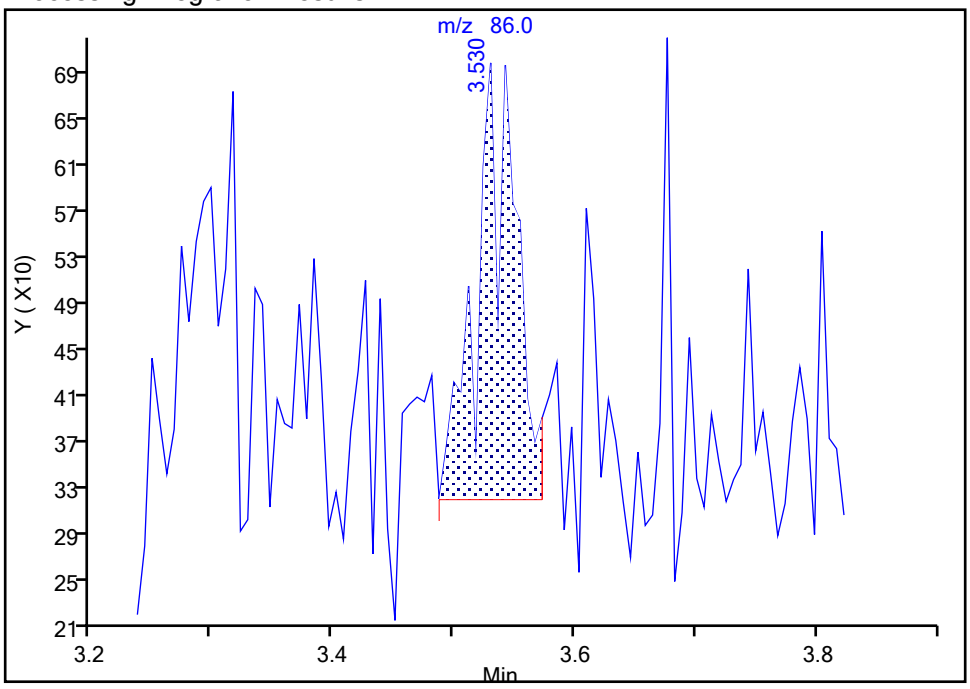
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

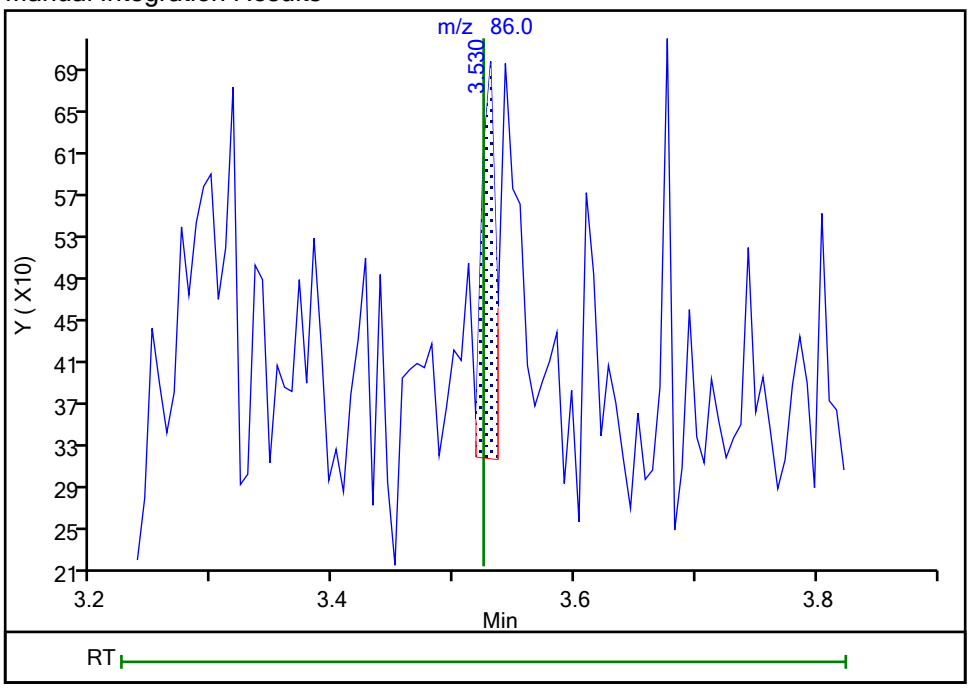
Processing Integration Results

RT: 3.53
Area: 865
Amount: 2.051447
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 316
Amount: 0.713281
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

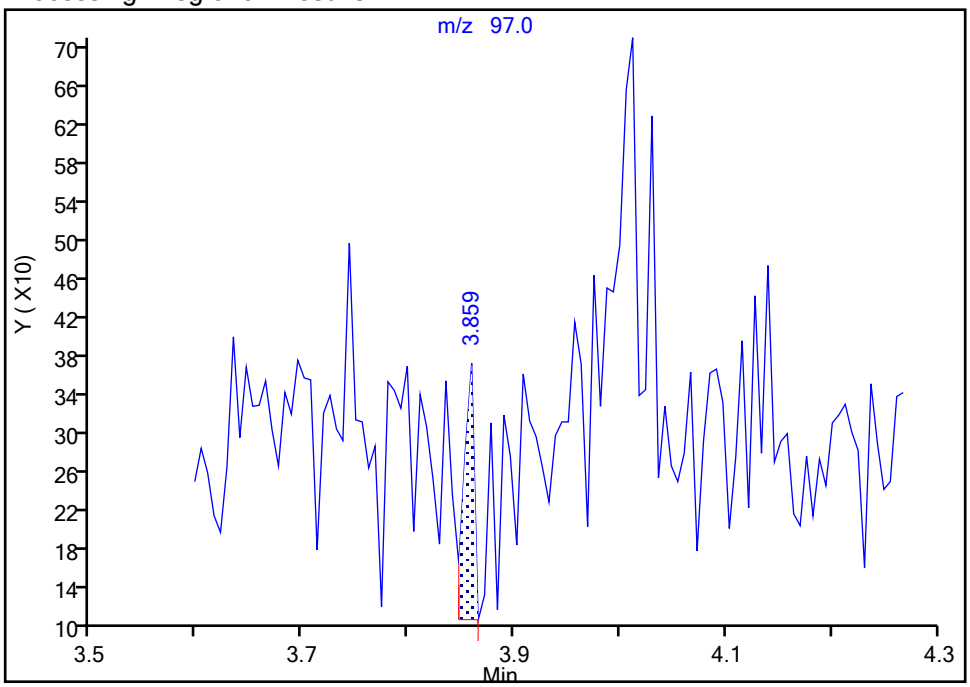
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

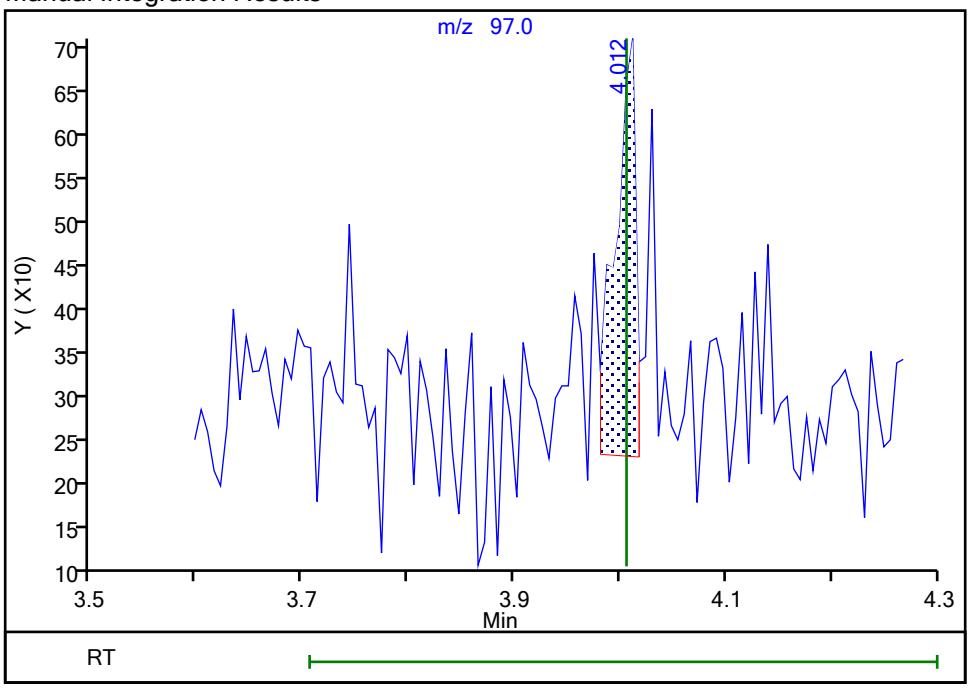
Processing Integration Results

RT: 3.86
Area: 181
Amount: 0.153268
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 649
Amount: 0.493445
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:21:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

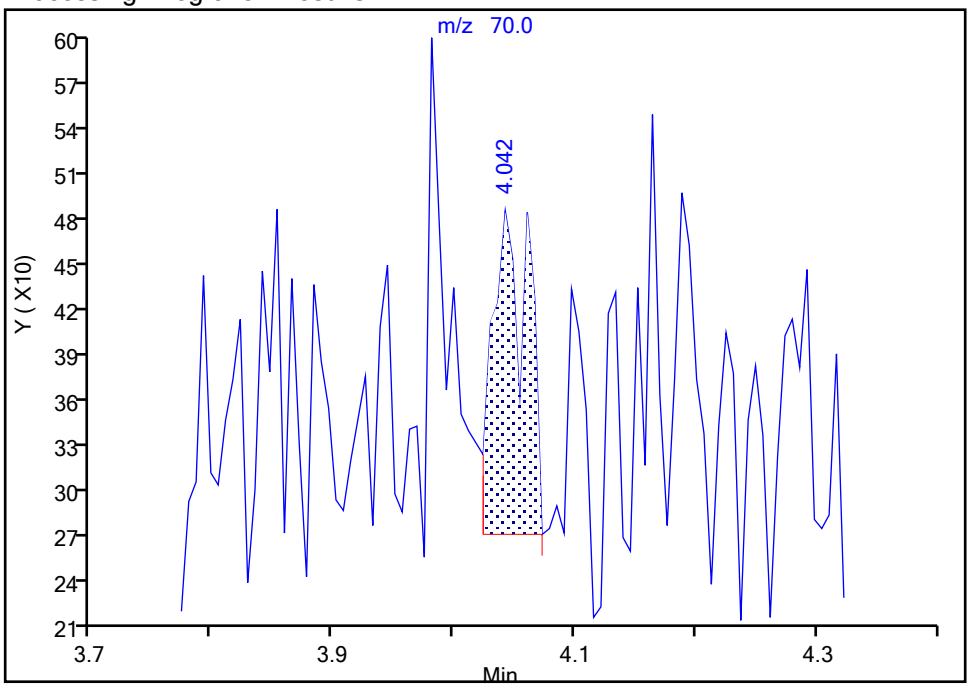
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

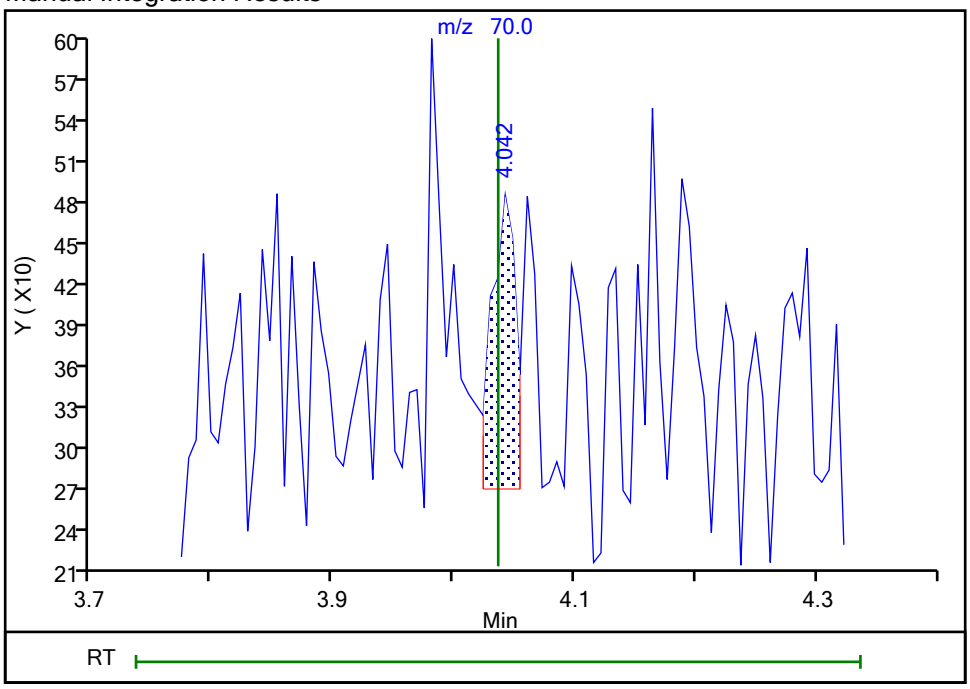
Processing Integration Results

RT: 4.04
Area: 439
Amount: 2.105247
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 305
Amount: 1.376215
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:43:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

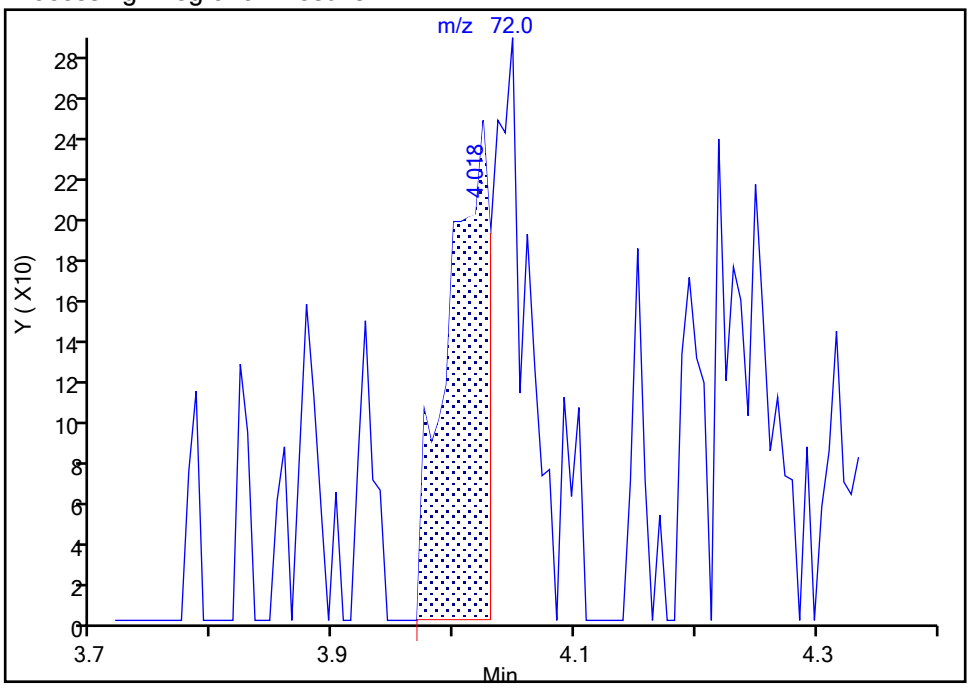
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

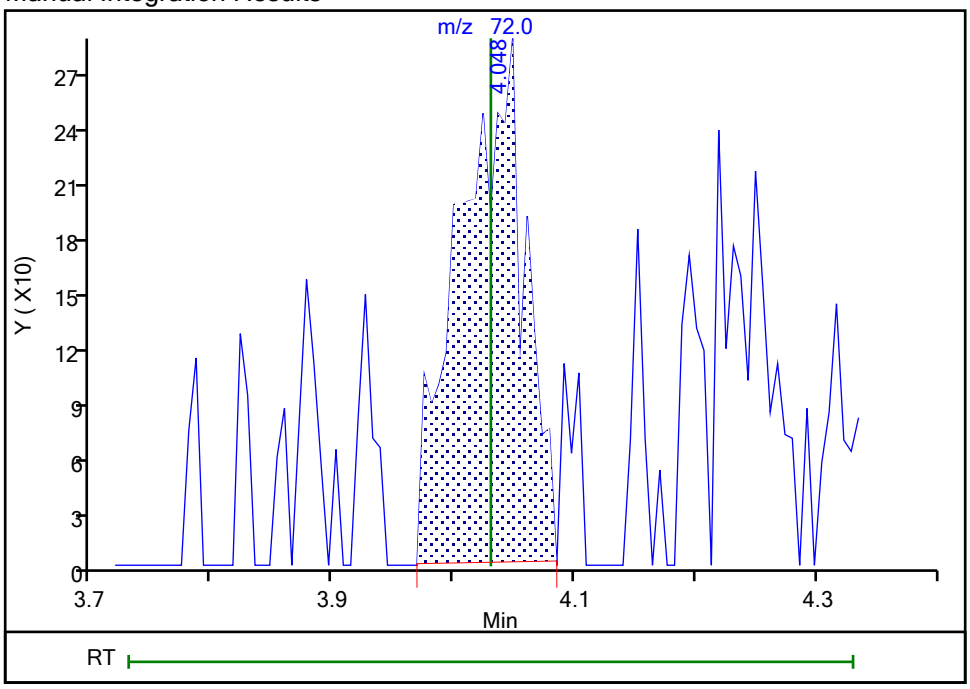
Processing Integration Results

RT: 4.02
Area: 587
Amount: 2.860213
Amount Units: ug/l



Manual Integration Results

RT: 4.05
Area: 1060
Amount: 5.292033
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

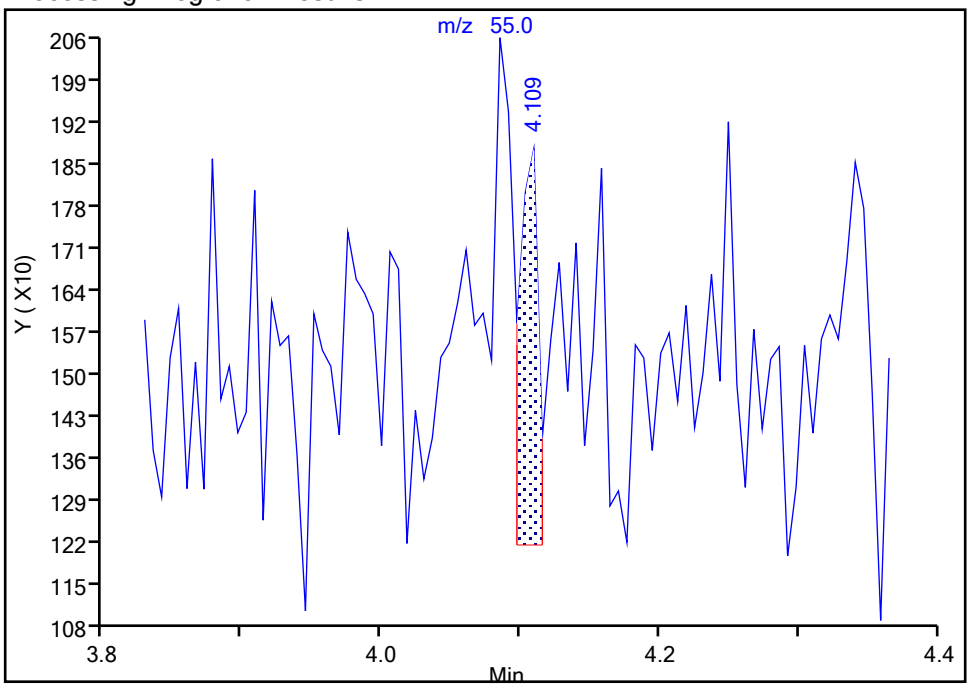
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

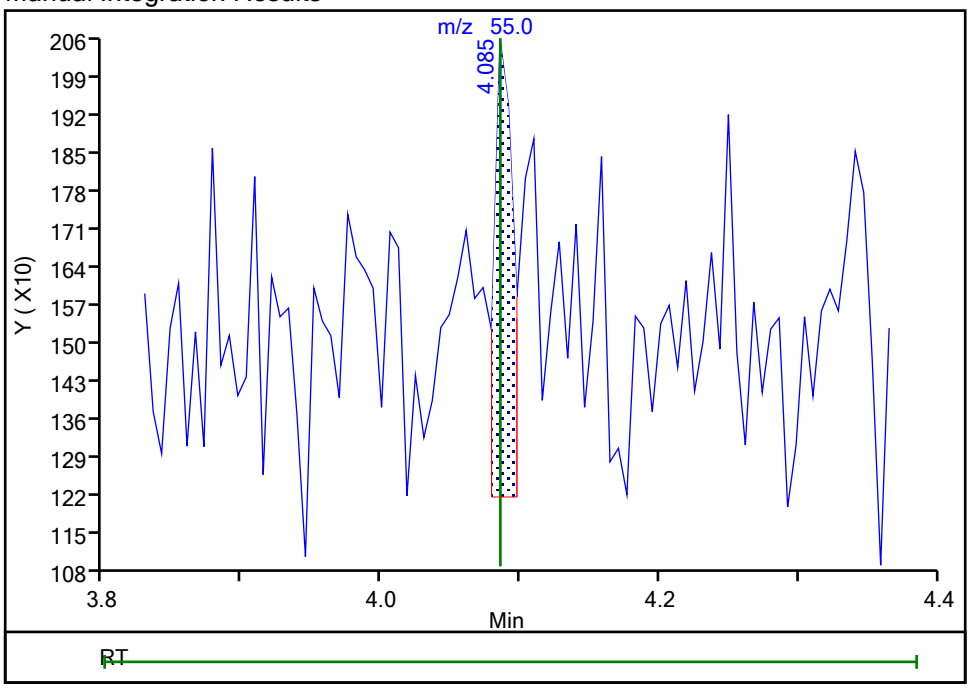
Processing Integration Results

RT: 4.11
Area: 660
Amount: 0.409395
Amount Units: ug/l



Manual Integration Results

RT: 4.08
Area: 825
Amount: 0.496741
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

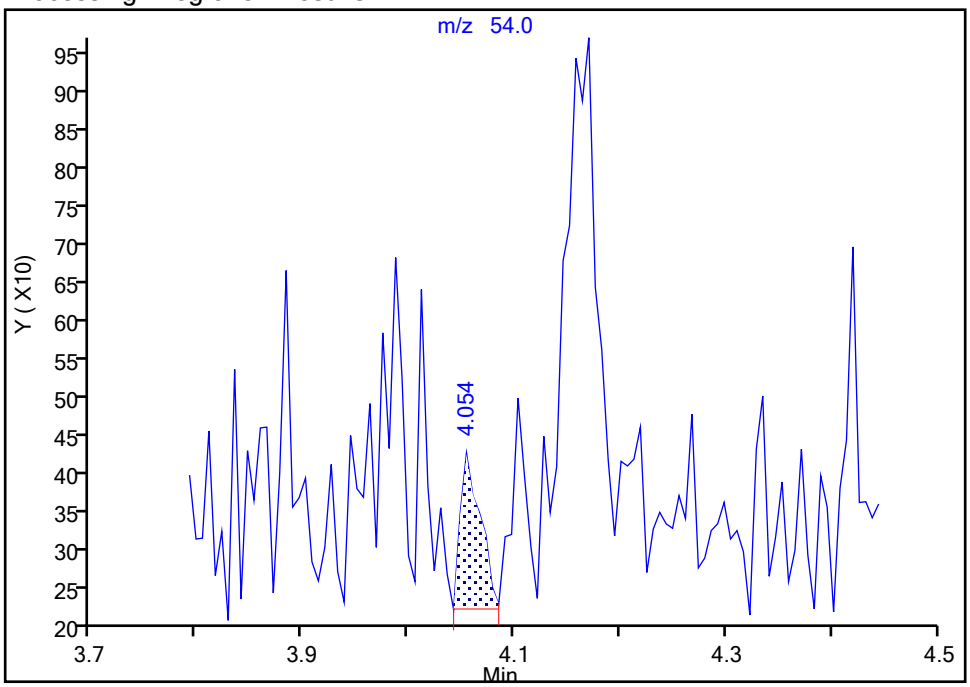
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

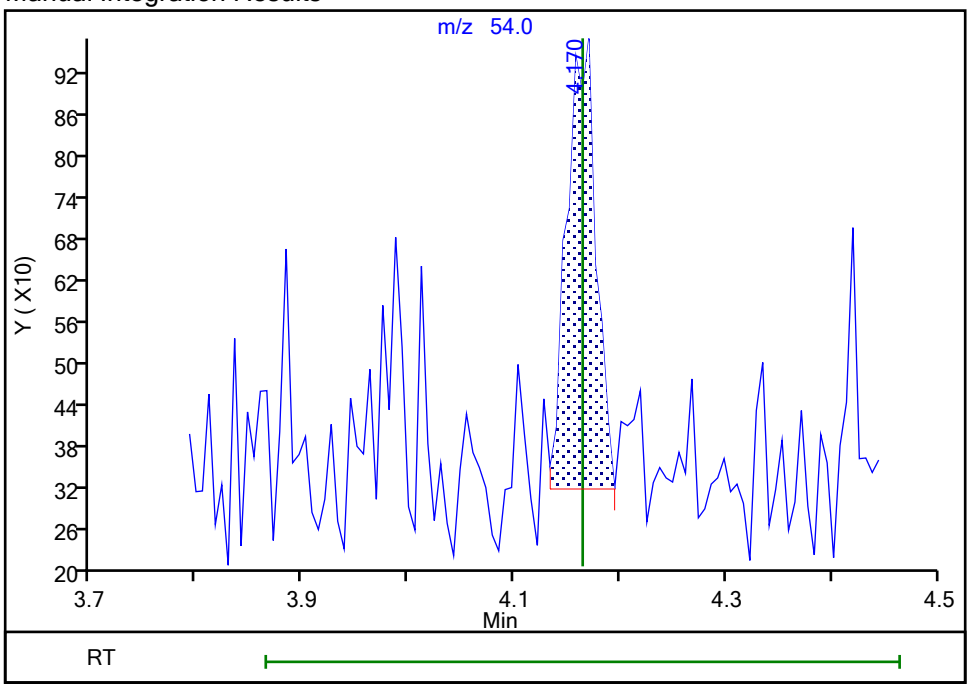
Processing Integration Results

RT: 4.05
Area: 272
Amount: 1.240522
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 1258
Amount: 5.353735
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

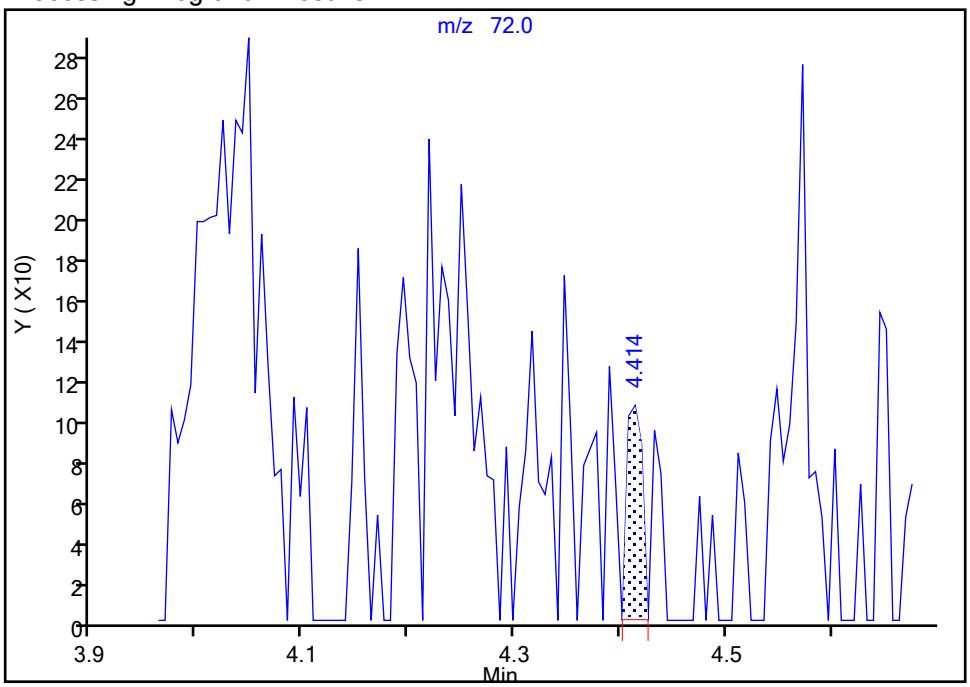
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

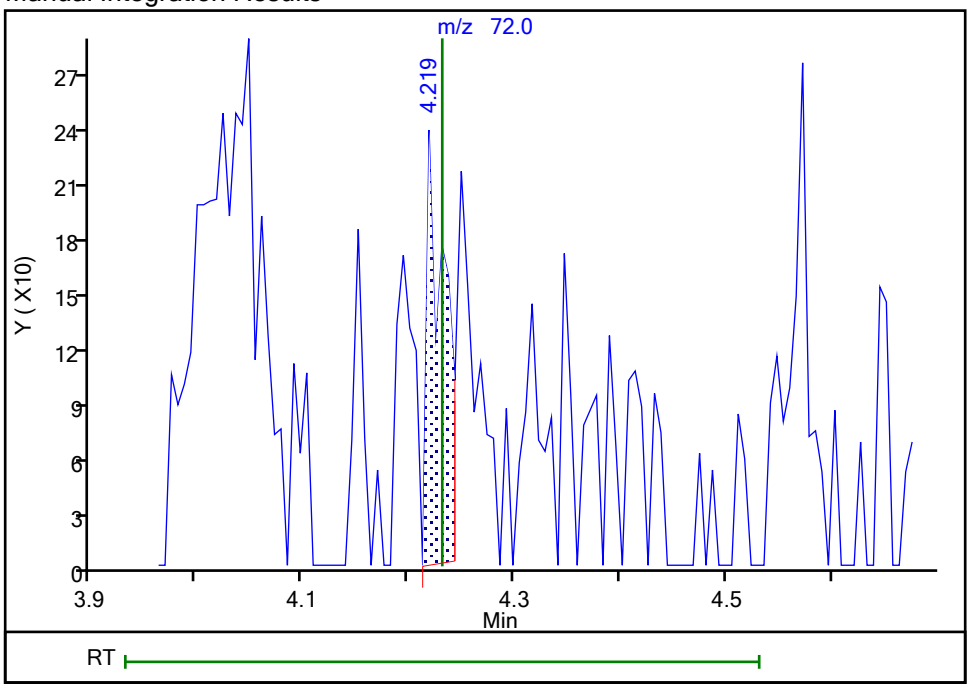
Processing Integration Results

RT: 4.41
Area: 105
Amount: 0.523438
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 281
Amount: 1.259404
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:44:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

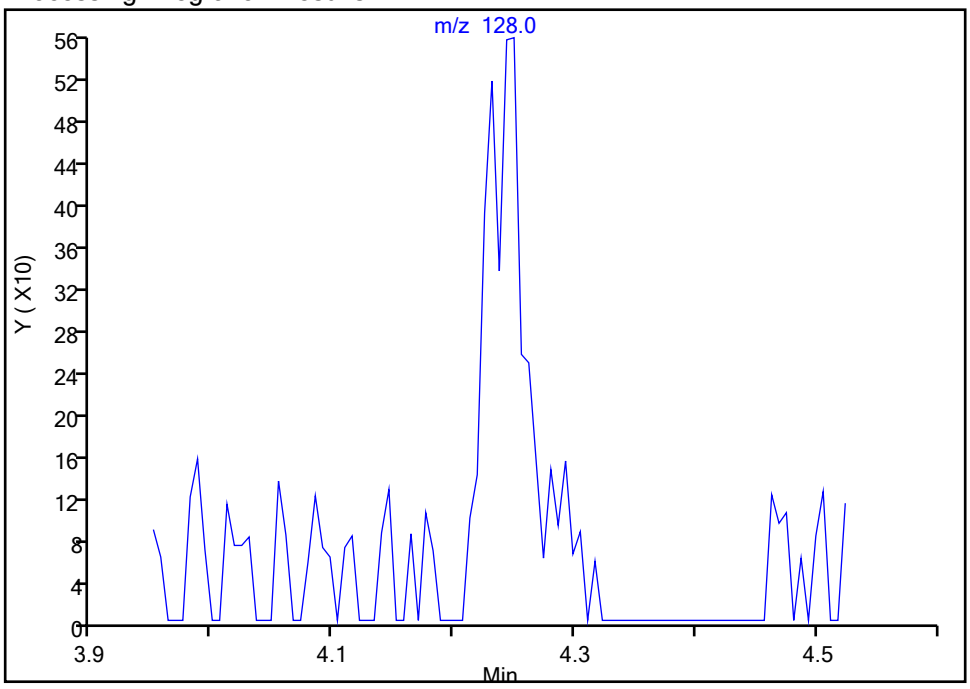
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

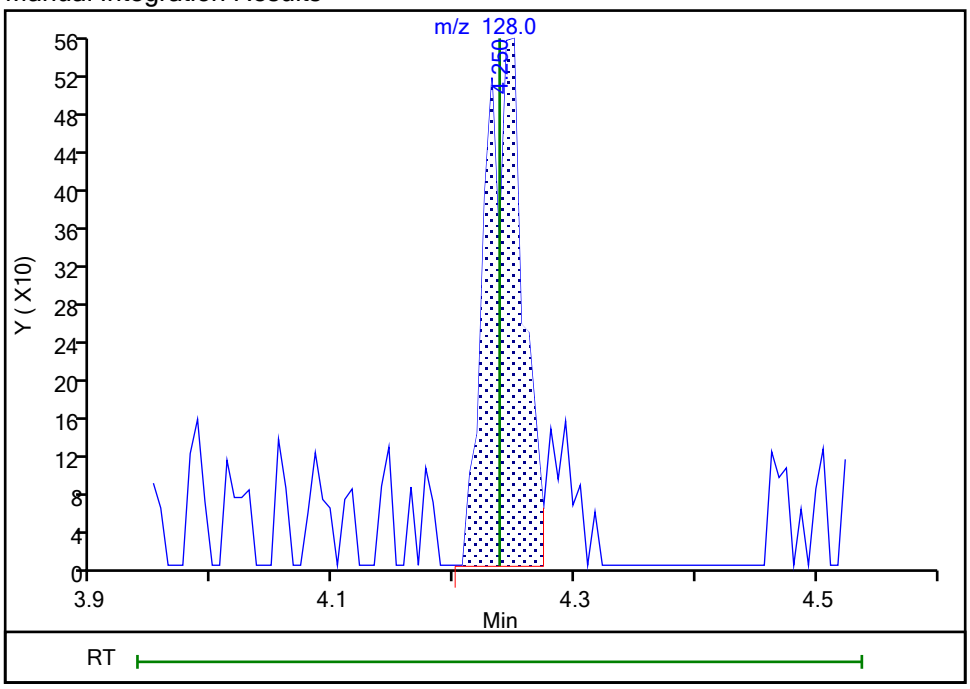
Not Detected
Expected RT: 4.24

Processing Integration Results



Manual Integration Results

RT: 4.25
Area: 1197
Amount: 0.733162
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

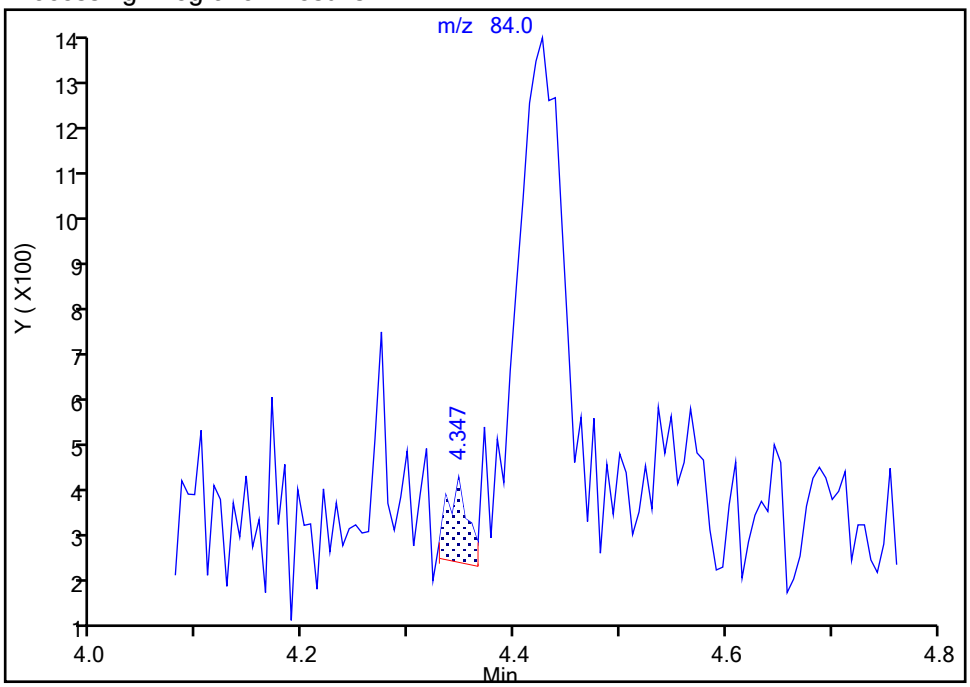
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

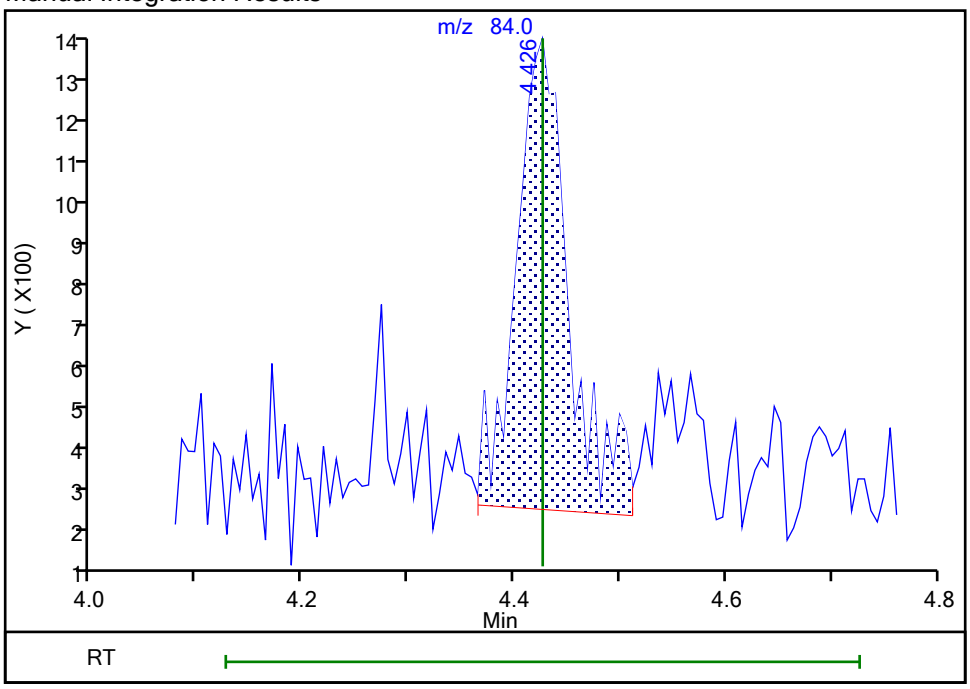
Processing Integration Results

RT: 4.35
Area: 244
Amount: 0.058736
Amount Units: ug/l



Manual Integration Results

RT: 4.43
Area: 3769
Amount: 0.738263
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

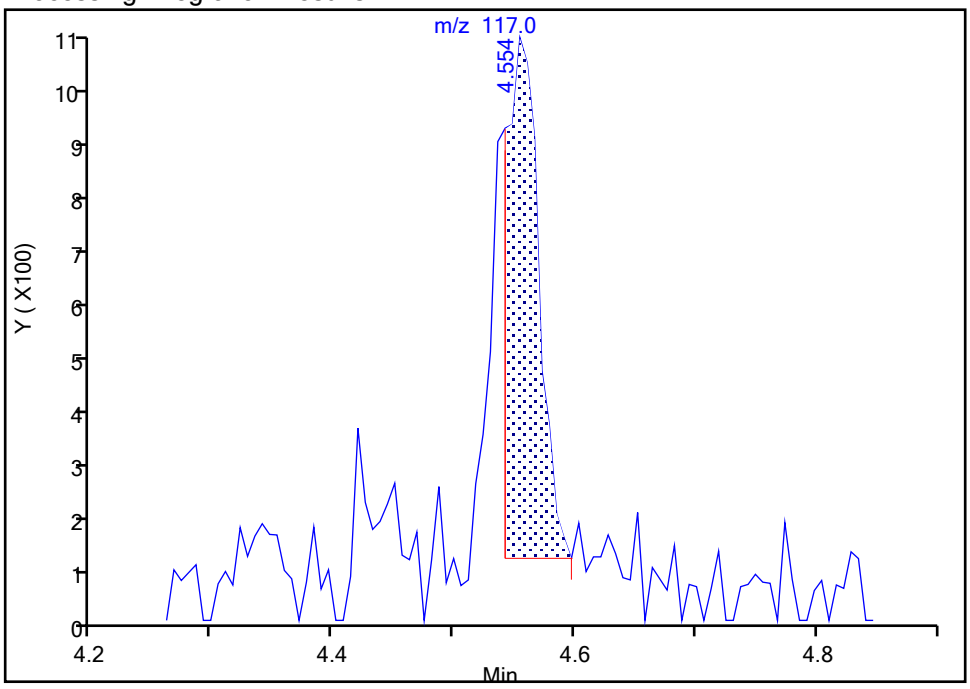
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

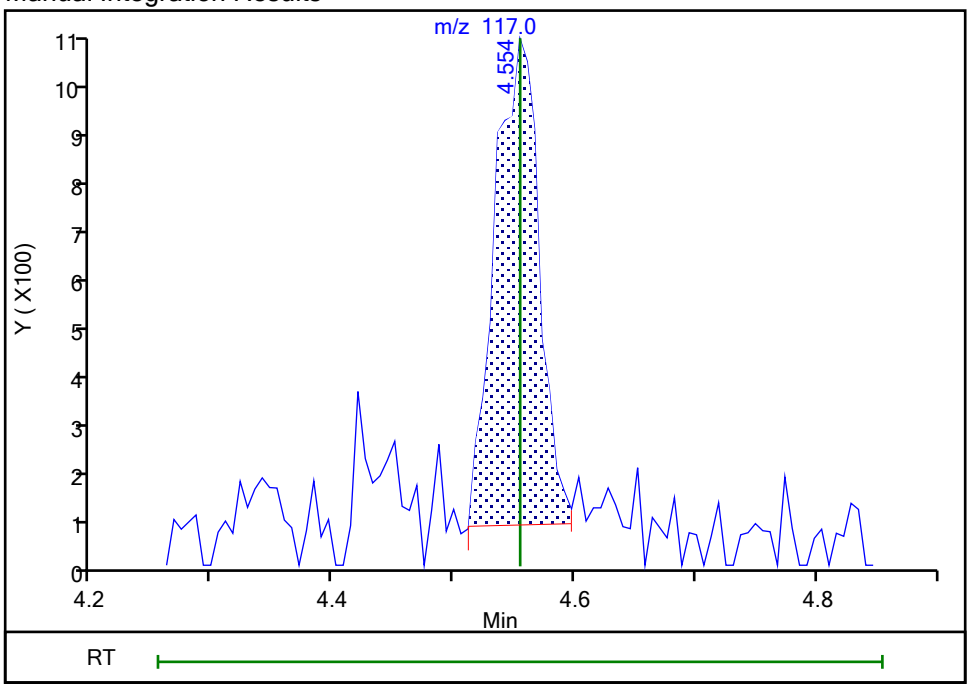
Processing Integration Results

RT: 4.55
Area: 1751
Amount: 0.417503
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 2453
Amount: 0.569233
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

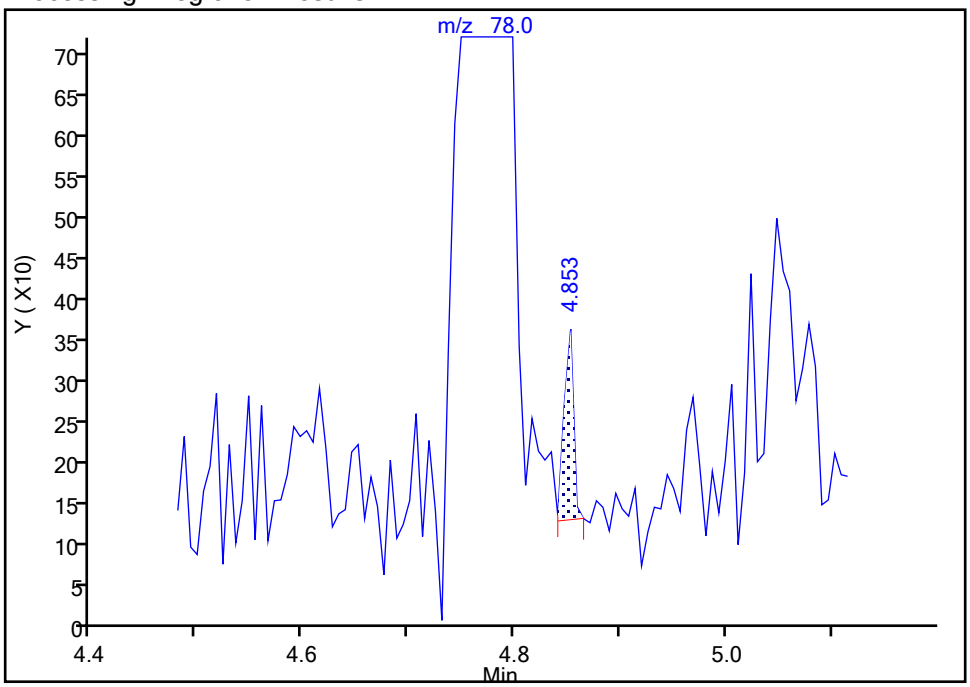
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

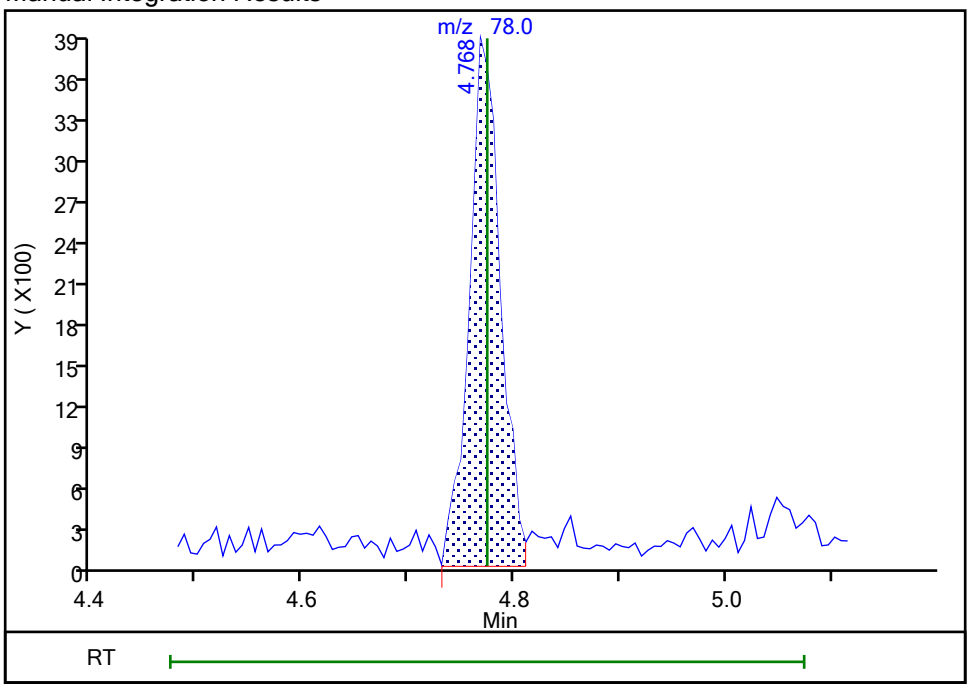
Processing Integration Results

RT: 4.85
Area: 145
Amount: 0.011368
Amount Units: ug/l



Manual Integration Results

RT: 4.77
Area: 7806
Amount: 0.595013
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

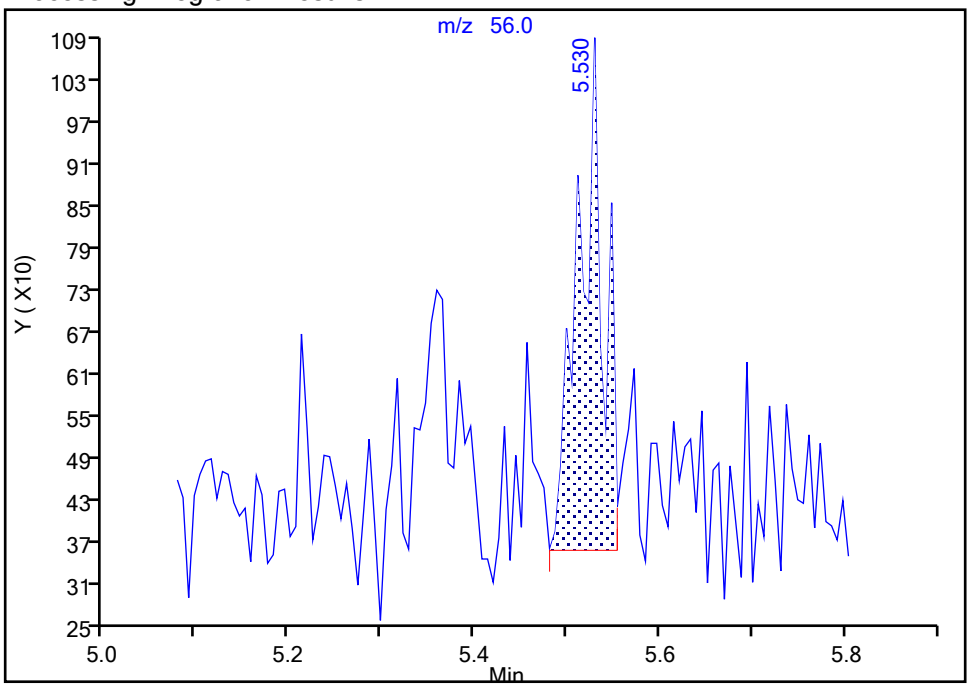
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

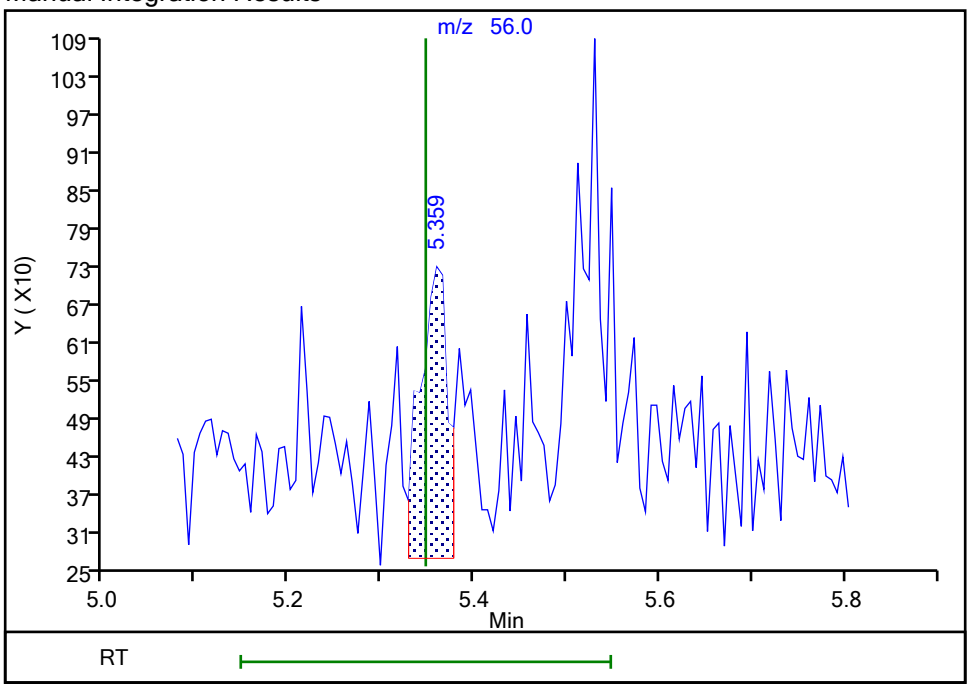
Processing Integration Results

RT: 5.53
Area: 1333
Amount: 32.884112
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 967
Amount: 23.856619
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

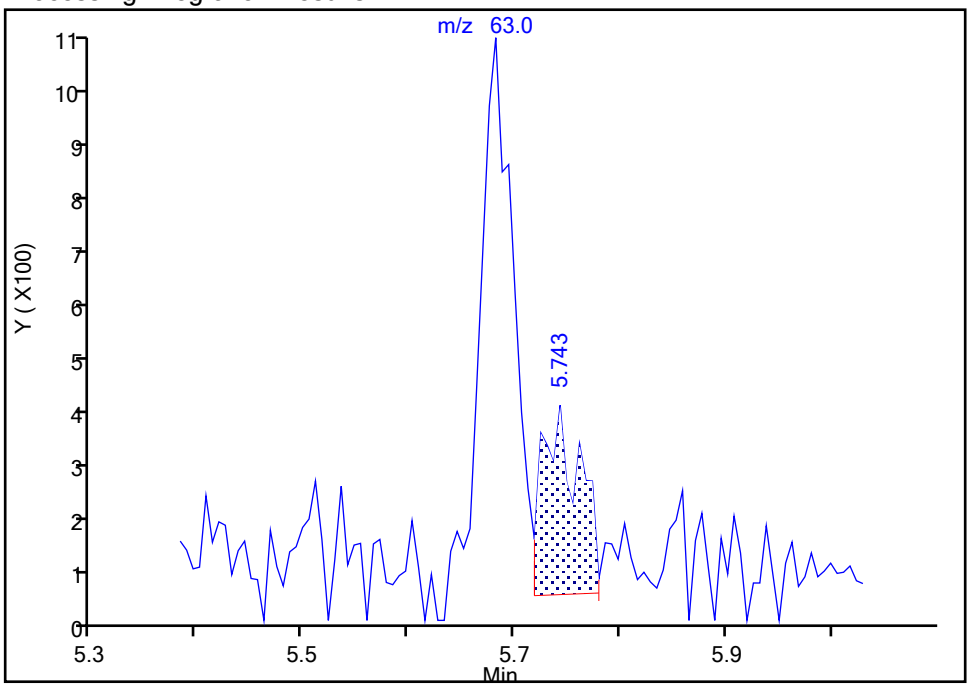
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

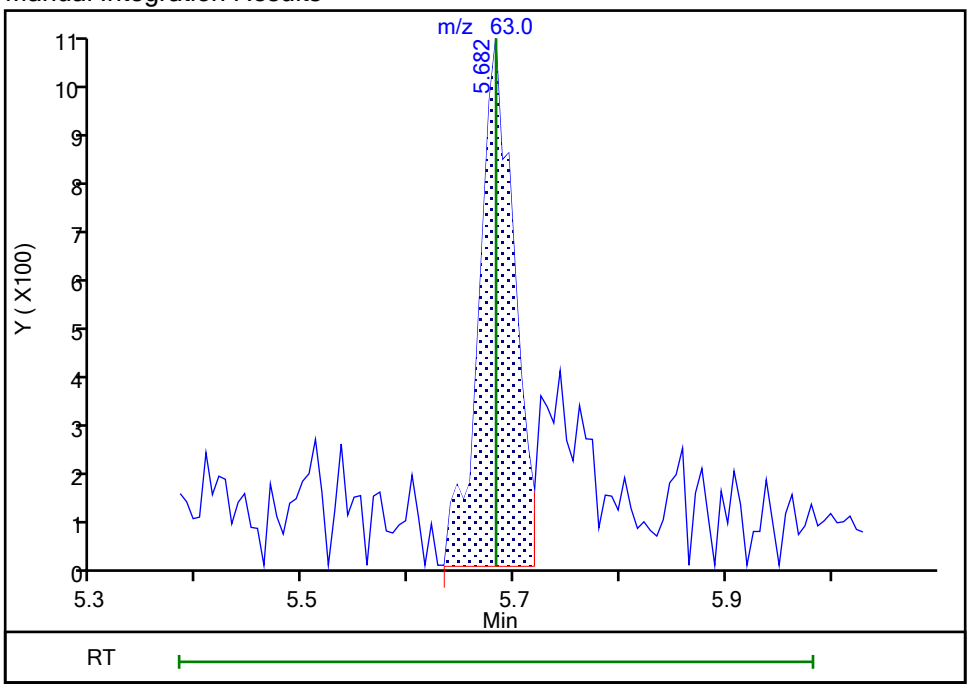
Processing Integration Results

RT: 5.74
Area: 833
Amount: 0.259878
Amount Units: ug/l



Manual Integration Results

RT: 5.68
Area: 2372
Amount: 0.692563
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

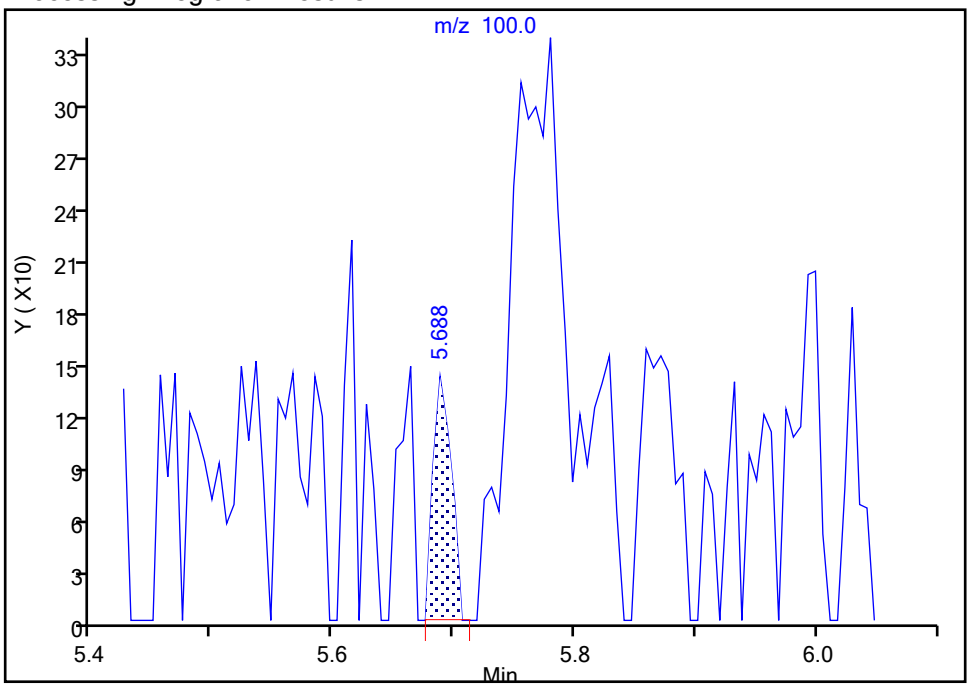
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

73 Methyl methacrylate, CAS: 80-62-6

Signal: 1

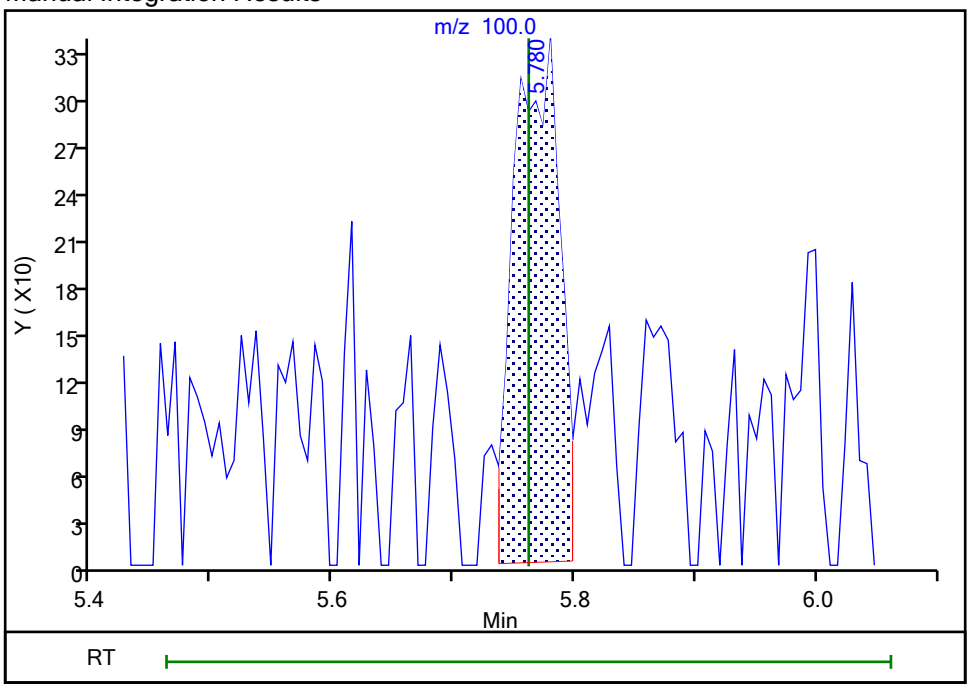
Processing Integration Results

RT: 5.69
Area: 149
Amount: 0.296626
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 886
Amount: 1.604536
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

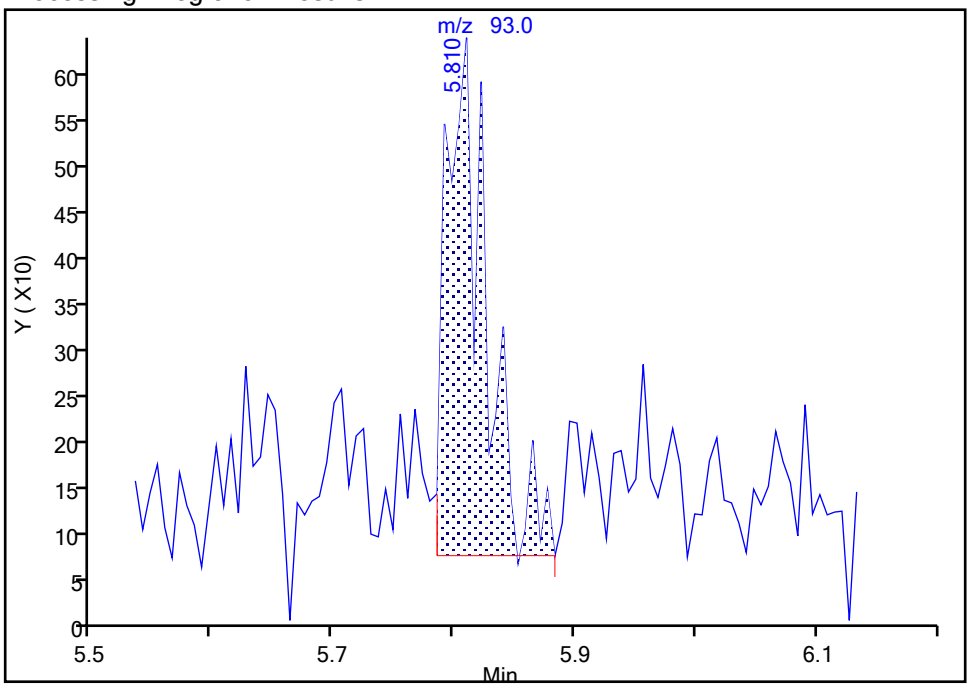
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

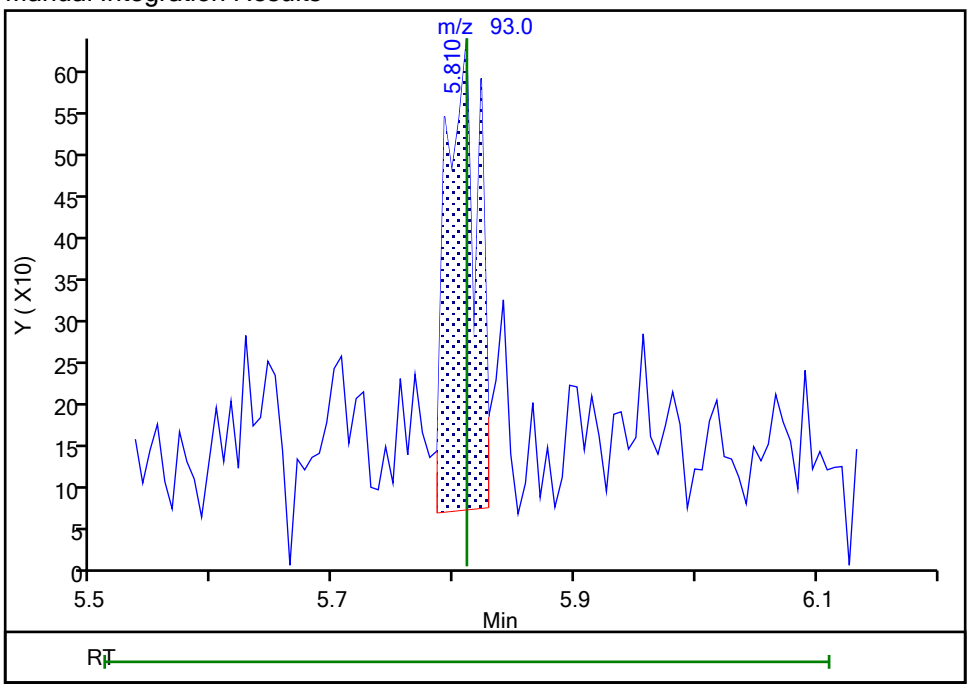
Processing Integration Results

RT: 5.81
Area: 1282
Amount: 0.917277
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 1036
Amount: 0.686943
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

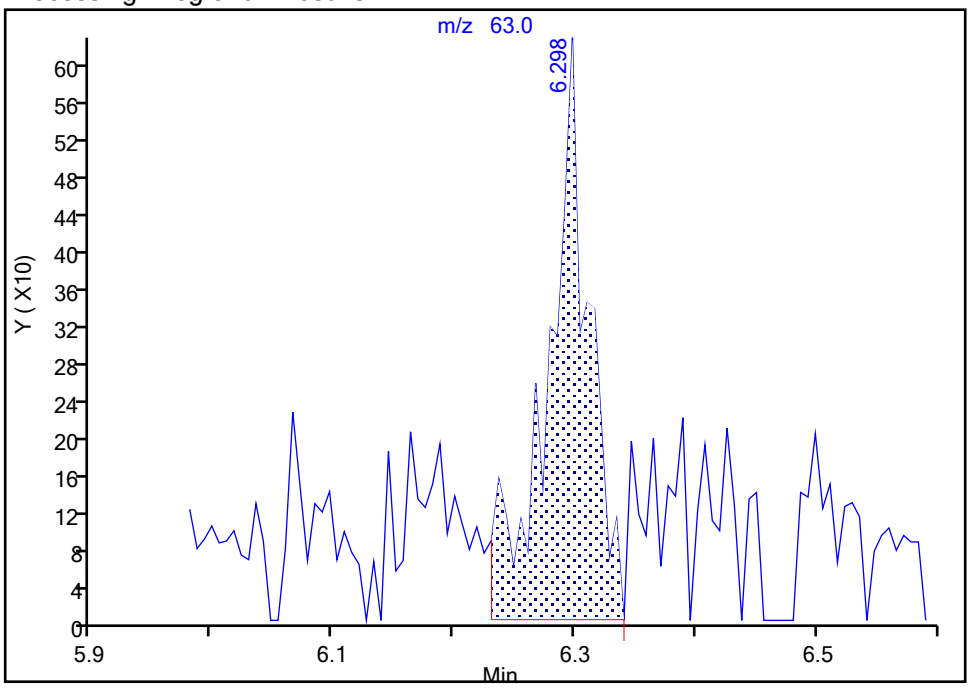
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

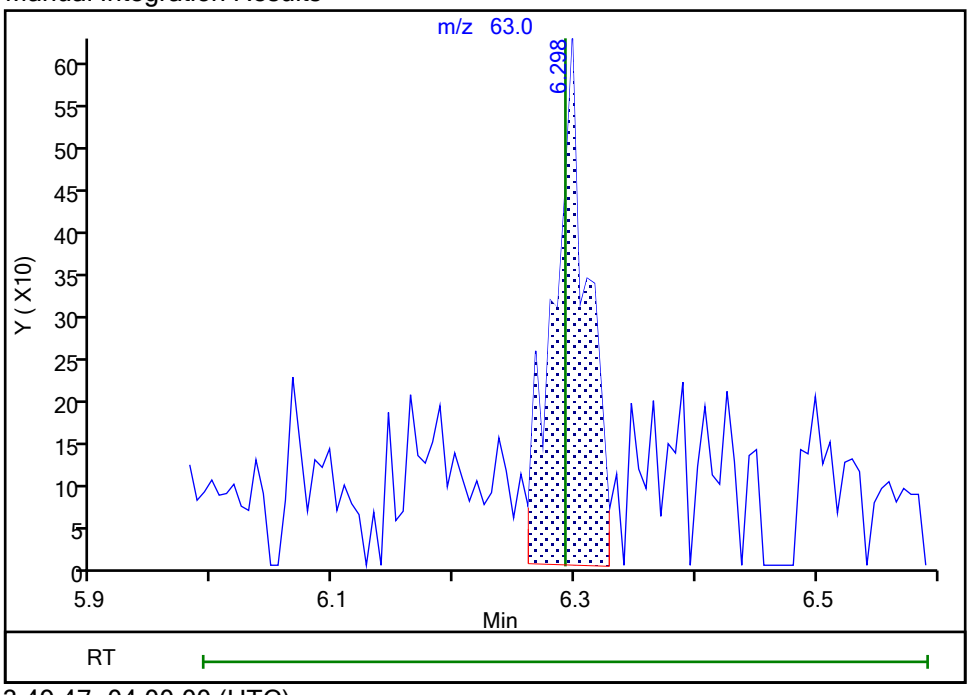
Processing Integration Results

RT: 6.30
Area: 1465
Amount: 1.123876
Amount Units: ug/l



Manual Integration Results

RT: 6.30
Area: 1236
Amount: 0.840664
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:49:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

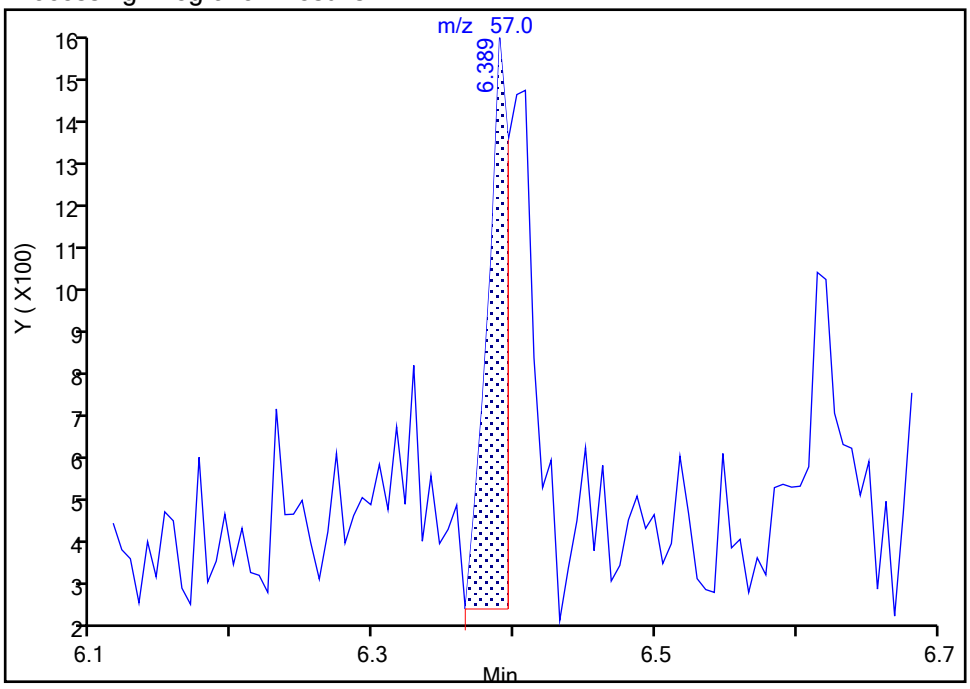
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

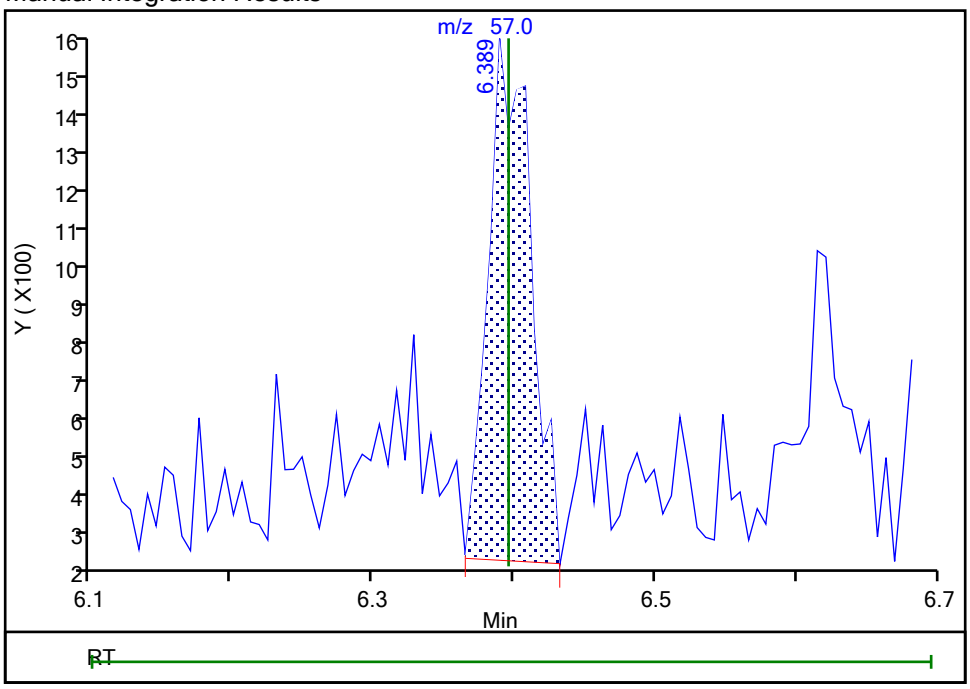
Processing Integration Results

RT: 6.39
Area: 1308
Amount: 8.489462
Amount Units: ug/l



Manual Integration Results

RT: 6.39
Area: 2552
Amount: 17.106215
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

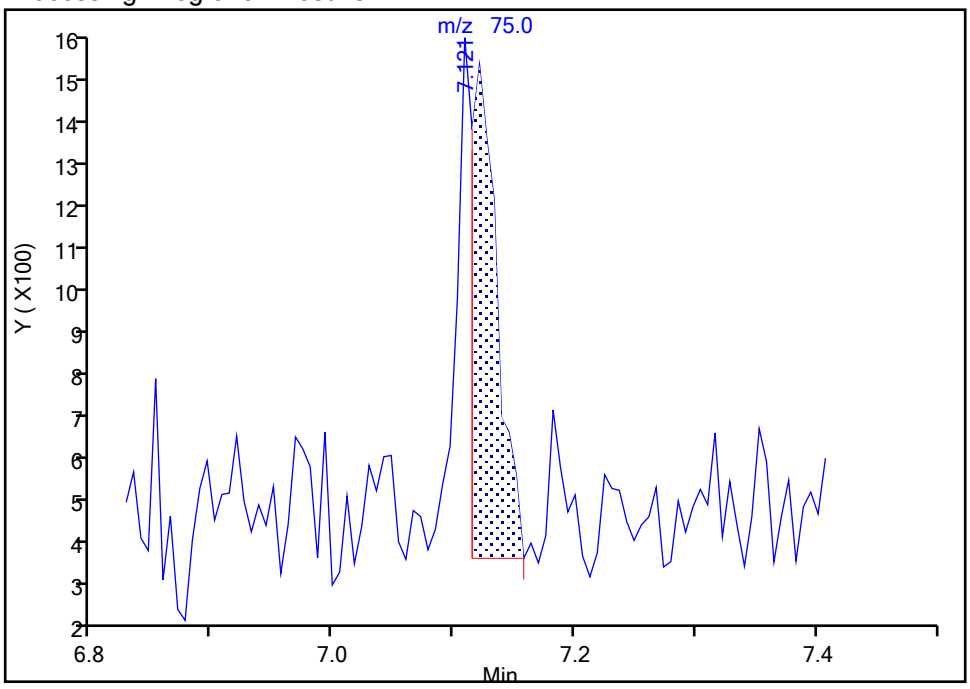
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

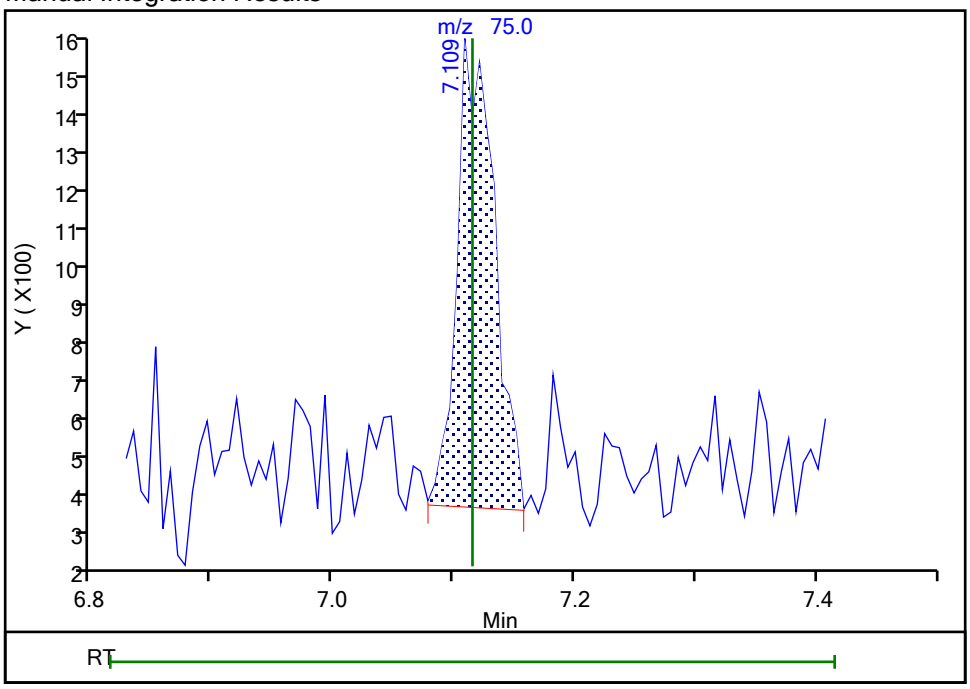
Processing Integration Results

RT: 7.12
Area: 1634
Amount: 0.443275
Amount Units: ug/l



Manual Integration Results

RT: 7.11
Area: 2408
Amount: 0.641125
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

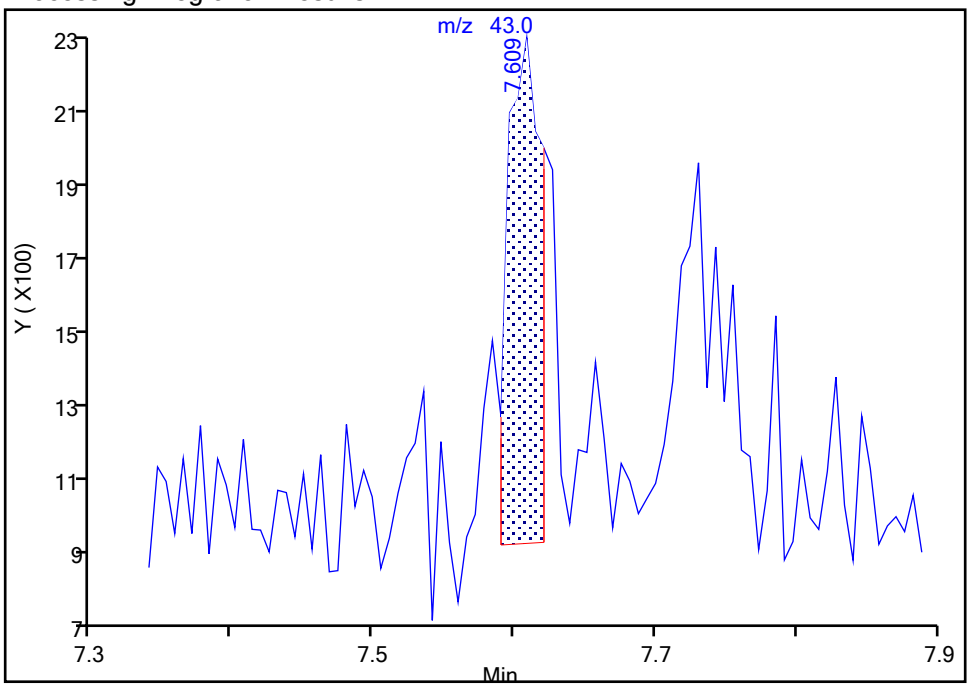
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

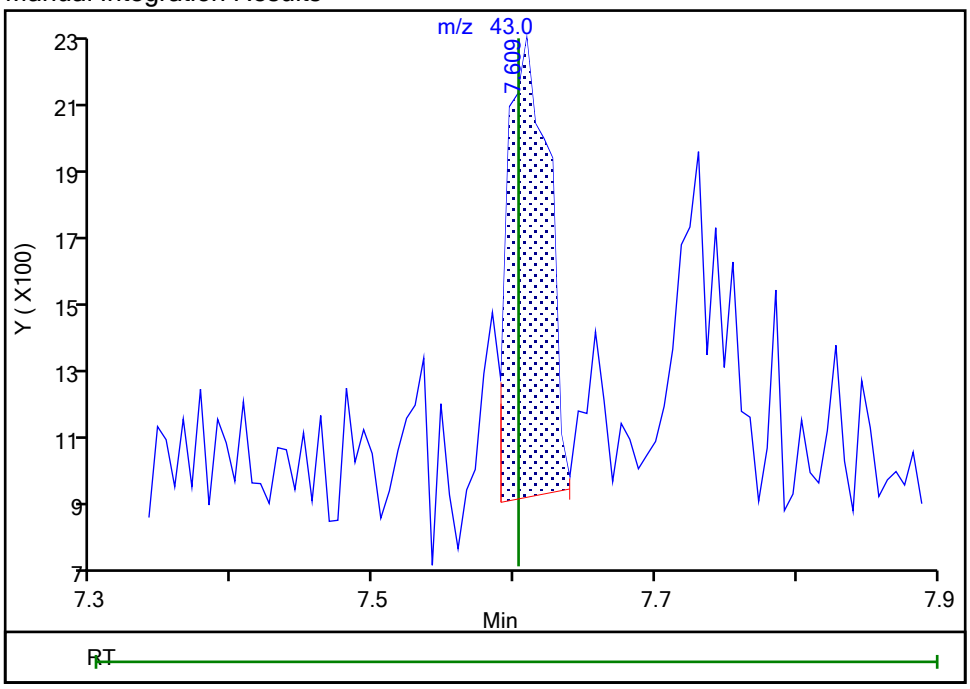
Processing Integration Results

RT: 7.61
Area: 2215
Amount: 2.198148
Amount Units: ug/l



Manual Integration Results

RT: 7.61
Area: 2655
Amount: 2.582825
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:25:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

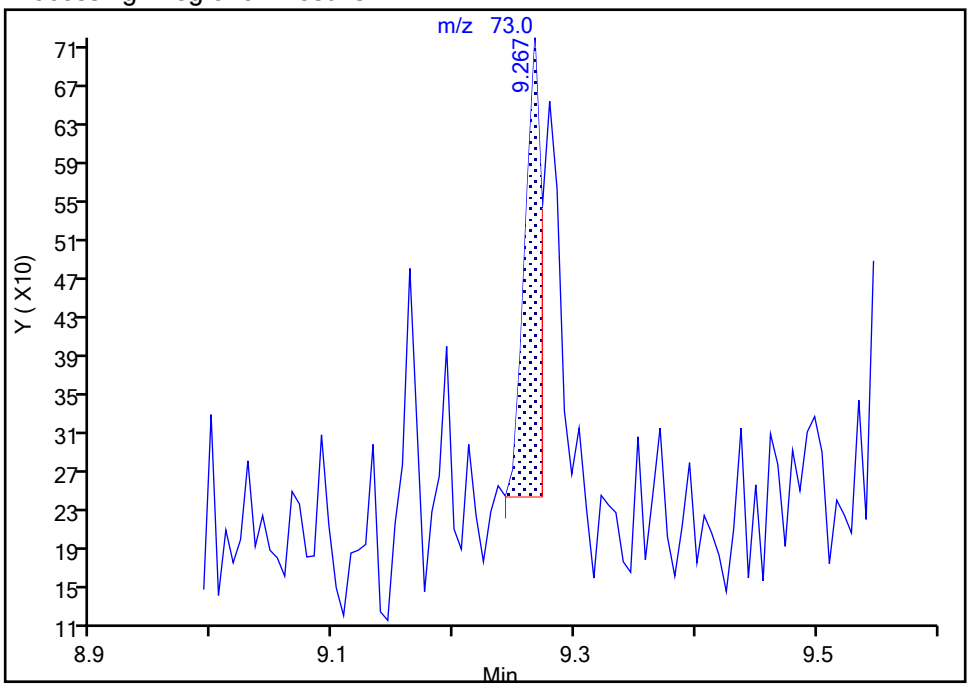
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

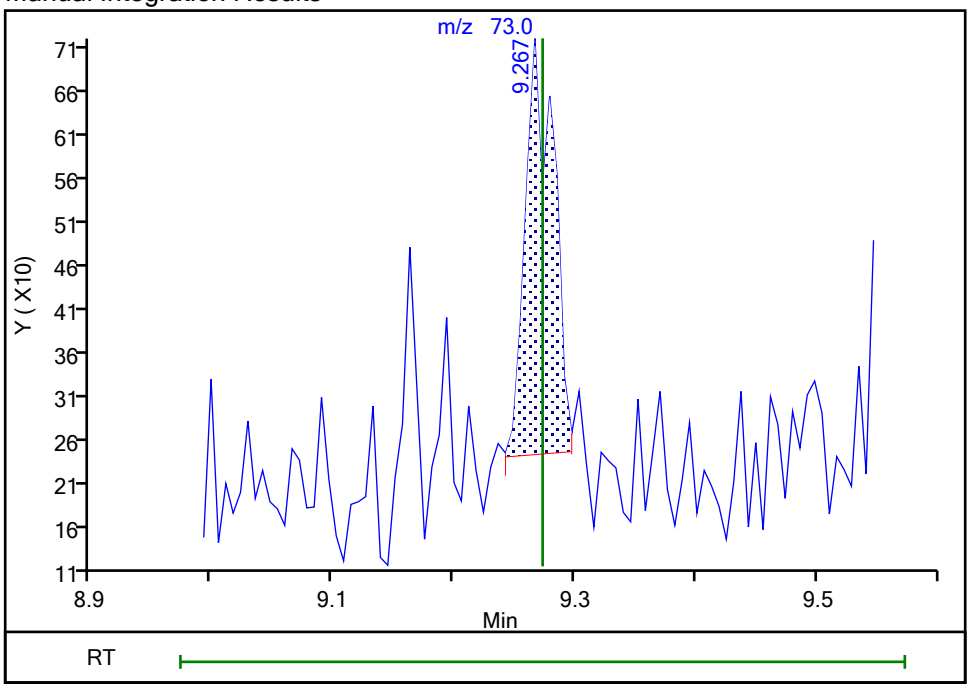
Processing Integration Results

RT: 9.27
Area: 468
Amount: 0.259443
Amount Units: ug/l



Manual Integration Results

RT: 9.27
Area: 782
Amount: 0.415226
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:25:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

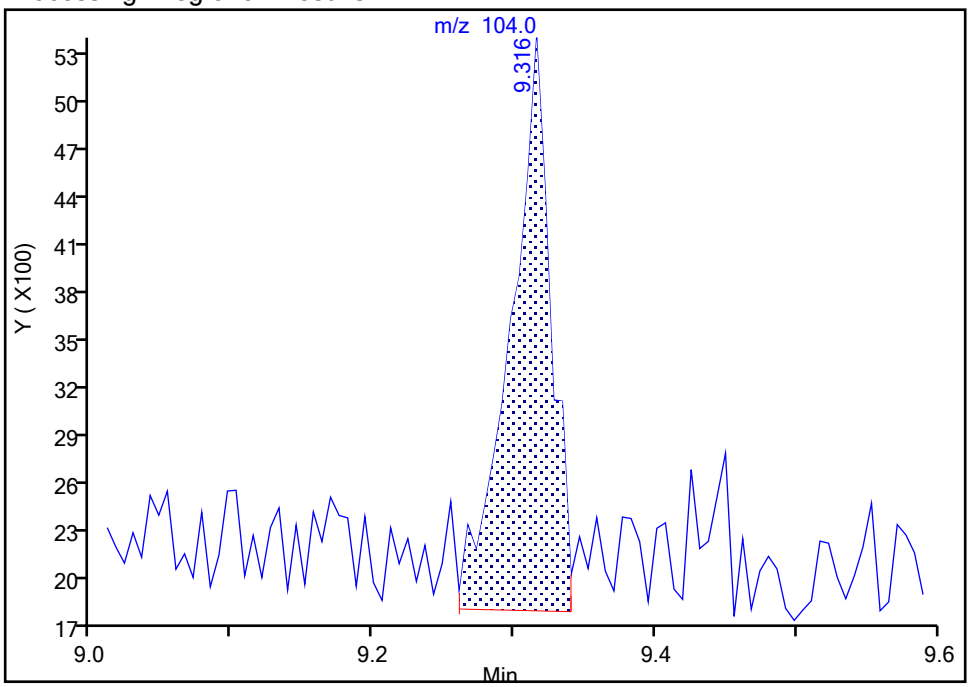
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Signal: 1

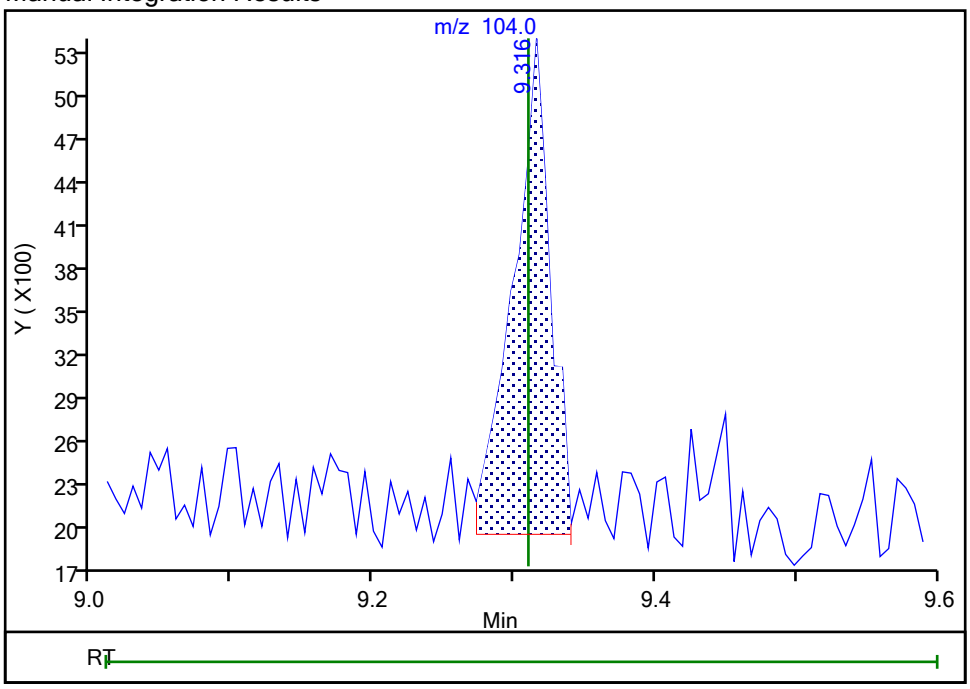
Processing Integration Results

RT: 9.32
Area: 7153
Amount: 0.803163
Amount Units: ug/l



Manual Integration Results

RT: 9.32
Area: 6302
Amount: 0.683278
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:51:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

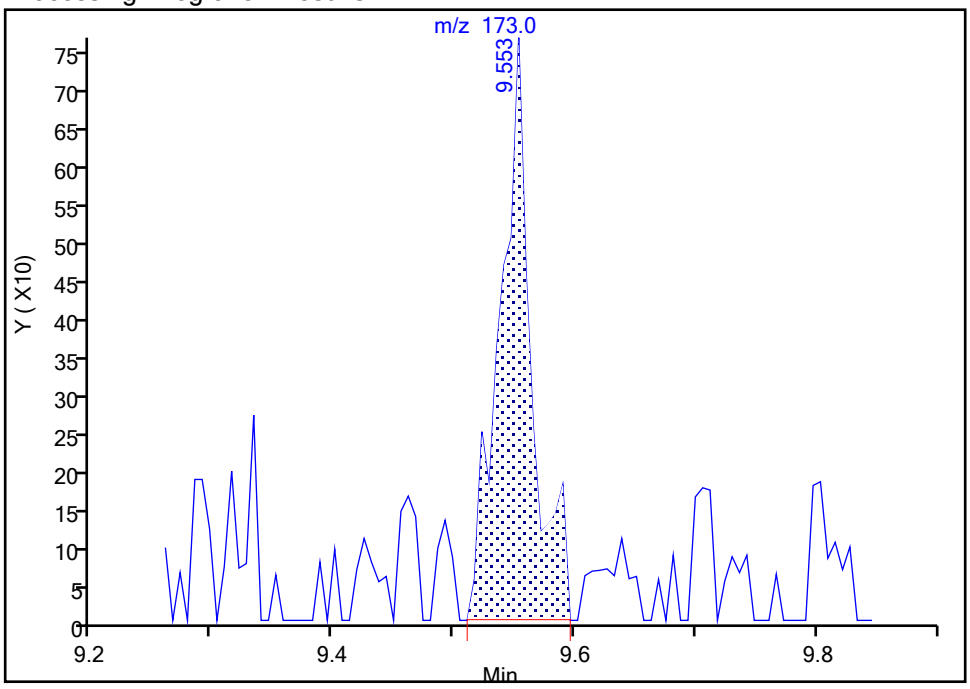
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Signal: 1

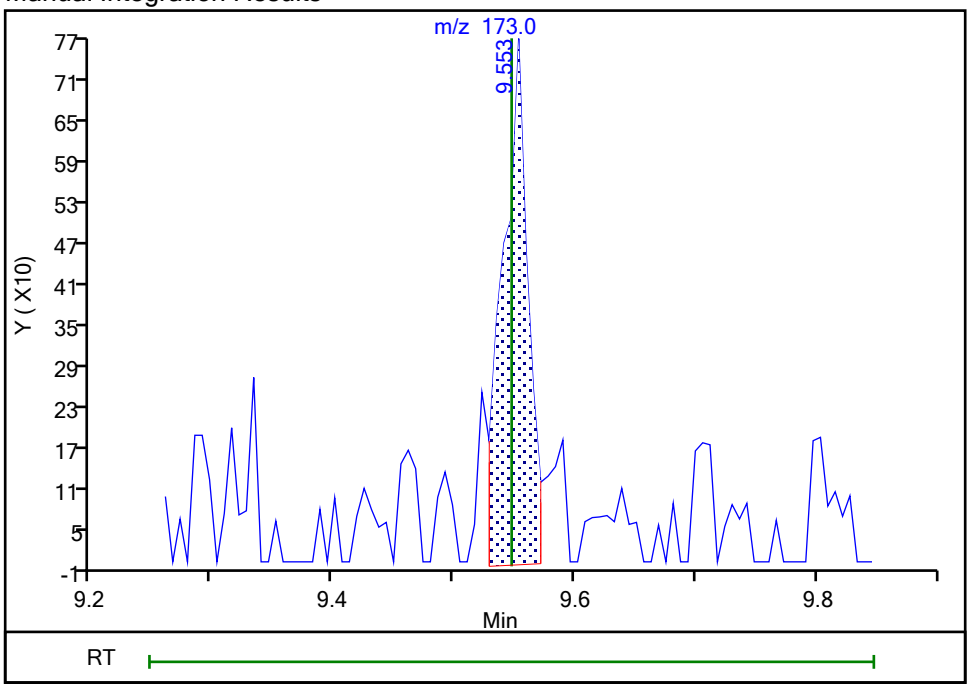
Processing Integration Results

RT: 9.55
Area: 1411
Amount: 0.973442
Amount Units: ug/l



Manual Integration Results

RT: 9.55
Area: 1150
Amount: 0.746610
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:52:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

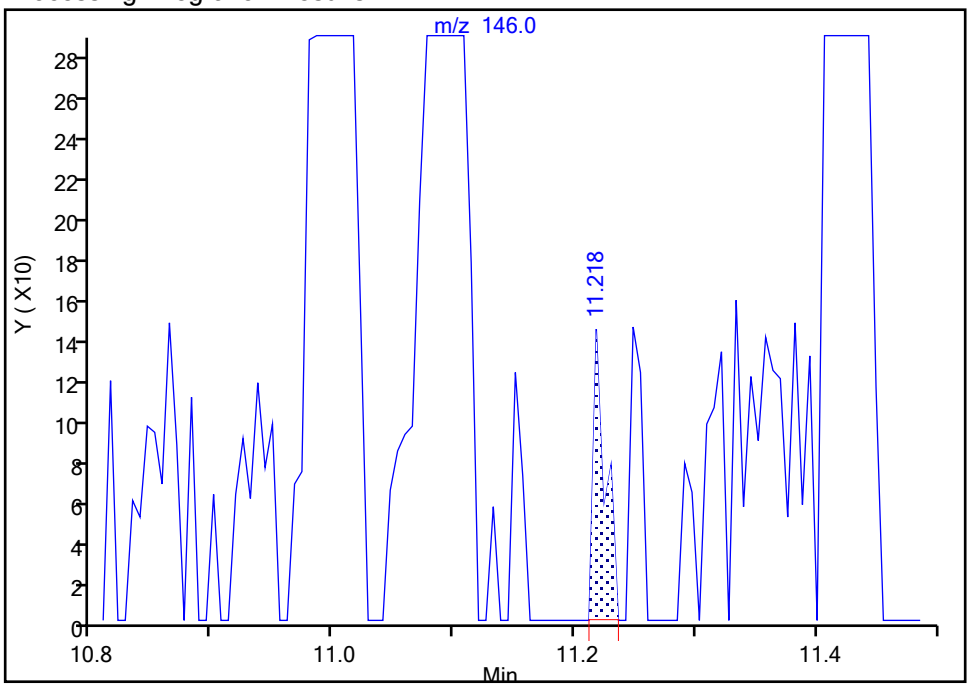
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

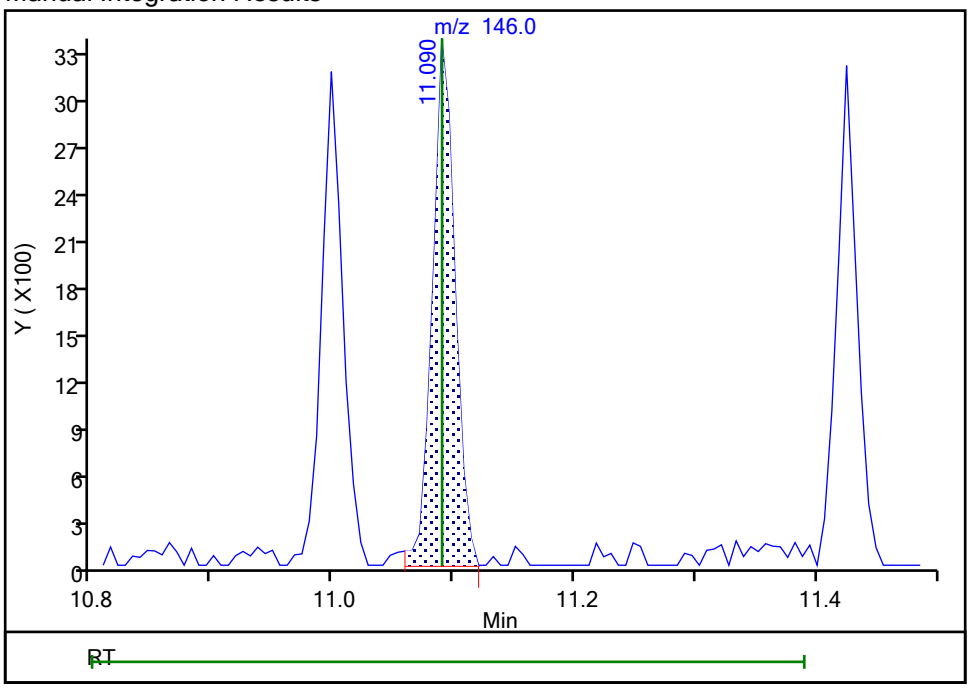
Processing Integration Results

RT: 11.22
Area: 99
Amount: 0.014828
Amount Units: ug/l



Manual Integration Results

RT: 11.09
Area: 4335
Amount: 0.654375
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:26:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

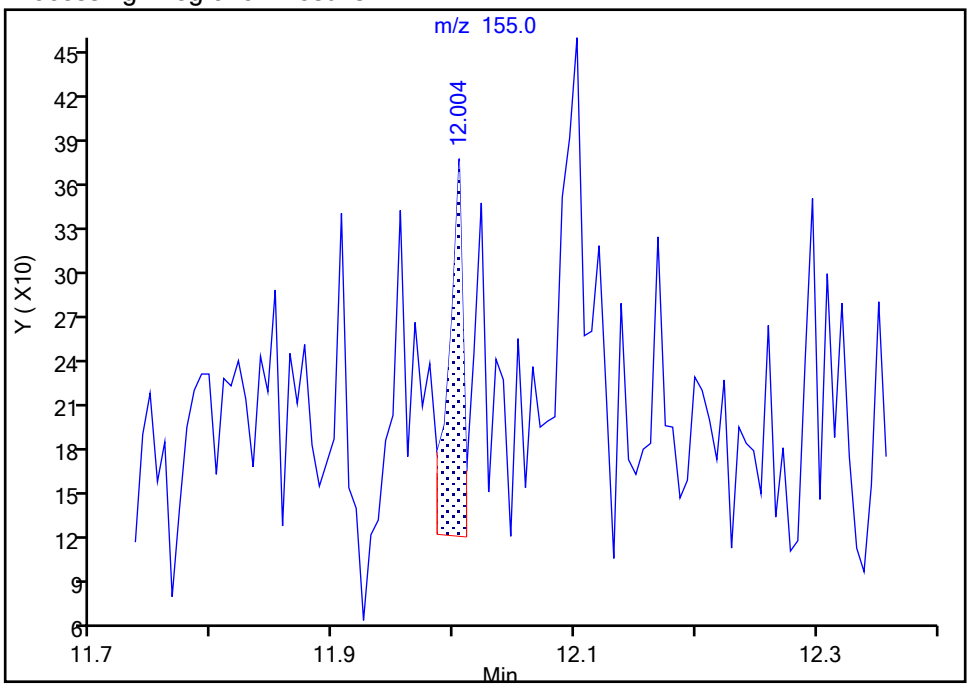
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

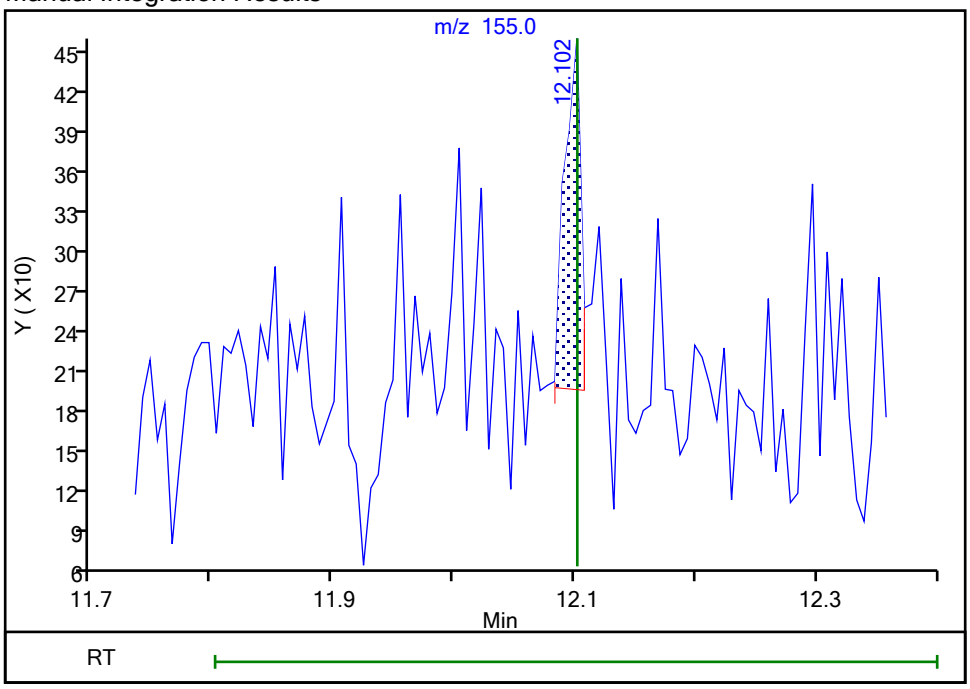
Processing Integration Results

RT: 12.00
Area: 211
Amount: 0.540996
Amount Units: ug/l



Manual Integration Results

RT: 12.10
Area: 247
Amount: 0.642072
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:54:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

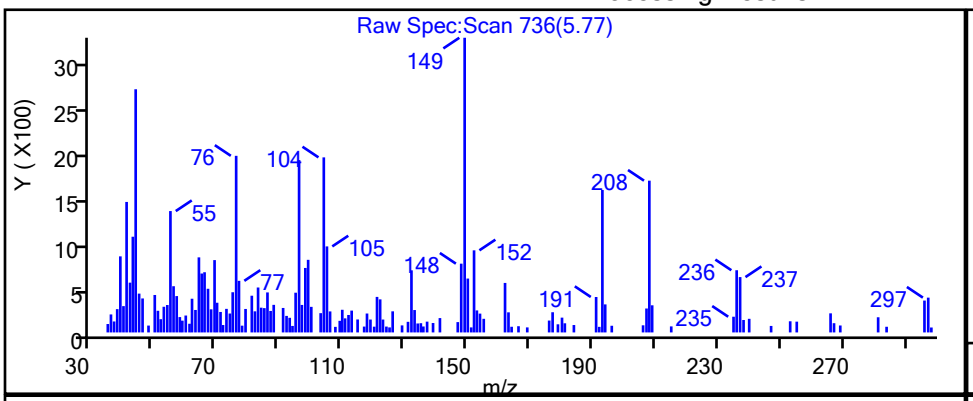
User Disabled Compound Report

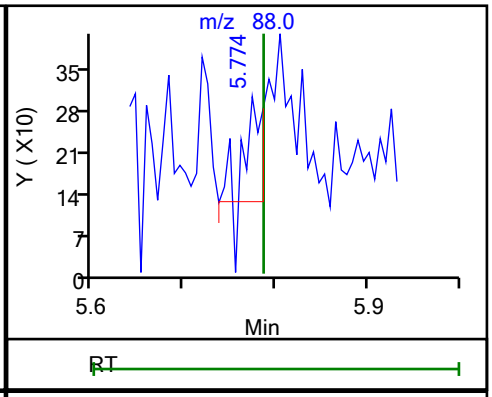
Eurofins Edison

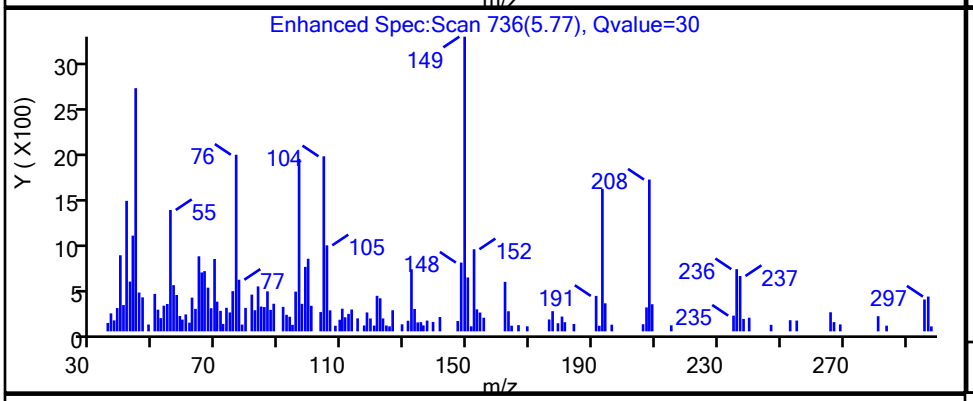
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D				
Injection Date:	09-May-2024 08:49:30	Instrument ID:	CVOAMS17		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

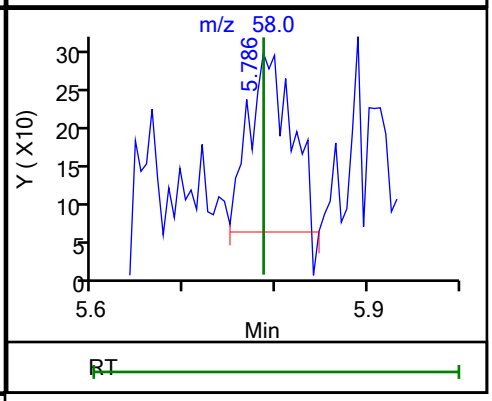
75 1,4-Dioxane, CAS: 123-91-1

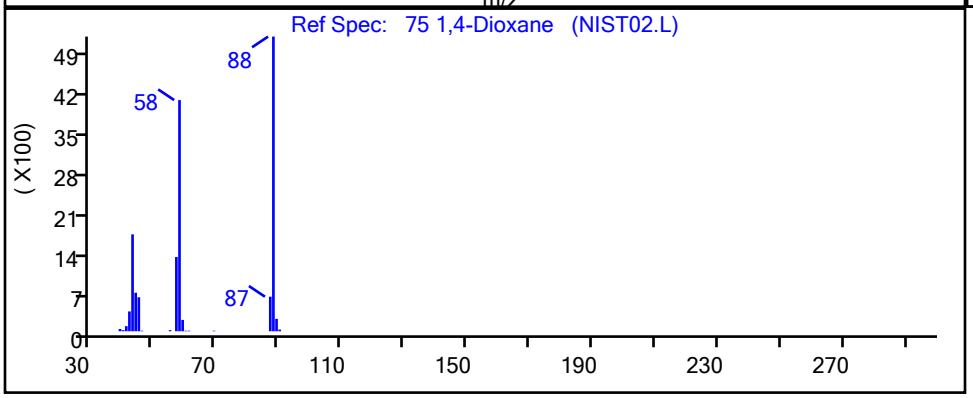
Processing Results











RT	Mass	Response	Amount
5.77	88.00	236	11.701719
5.79	58.00	756	

Reviewer: W9CM, 11-May-2024 13:24:26 -04:00:00 (UTC)

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

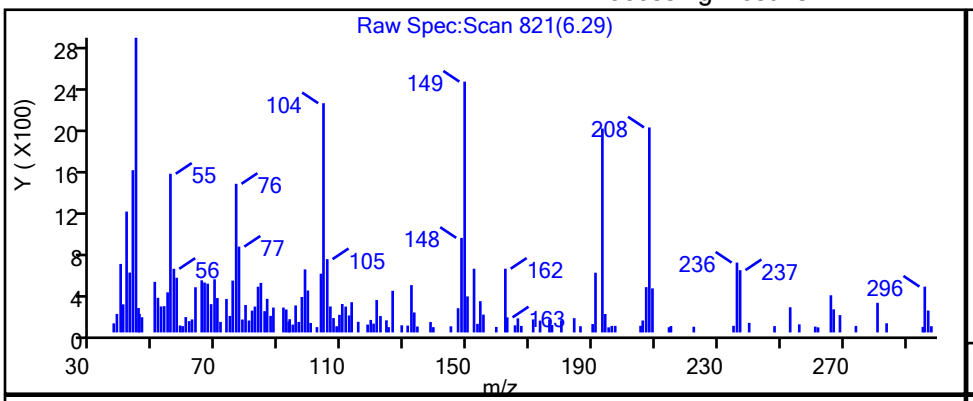
User Disabled Compound Report

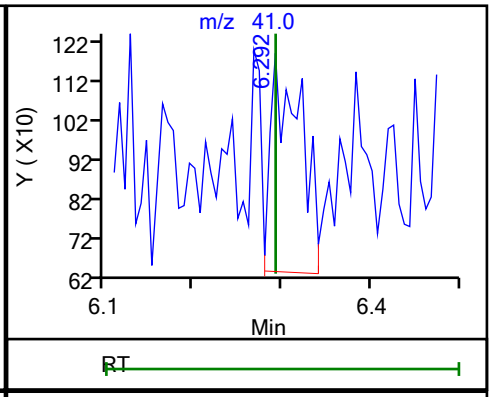
Eurofins Edison

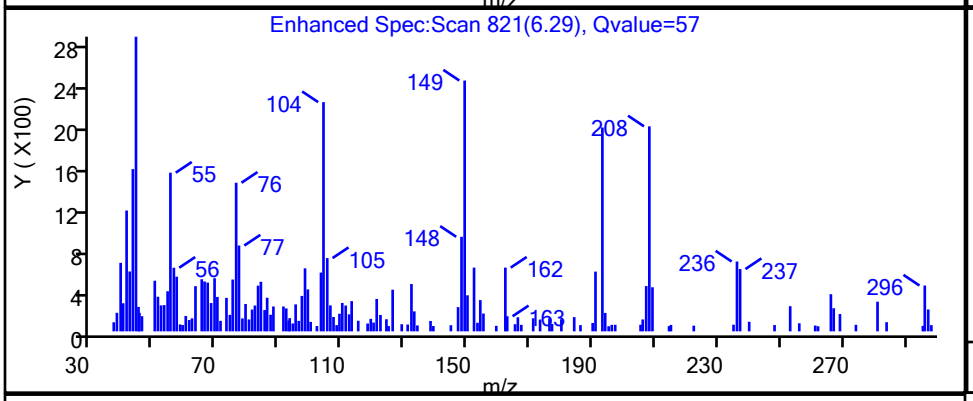
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

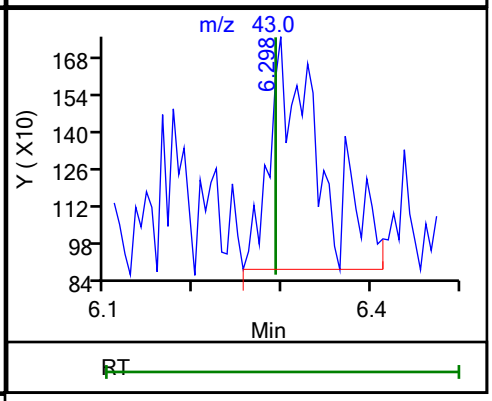
78 2-Nitropropane, CAS: 79-46-9

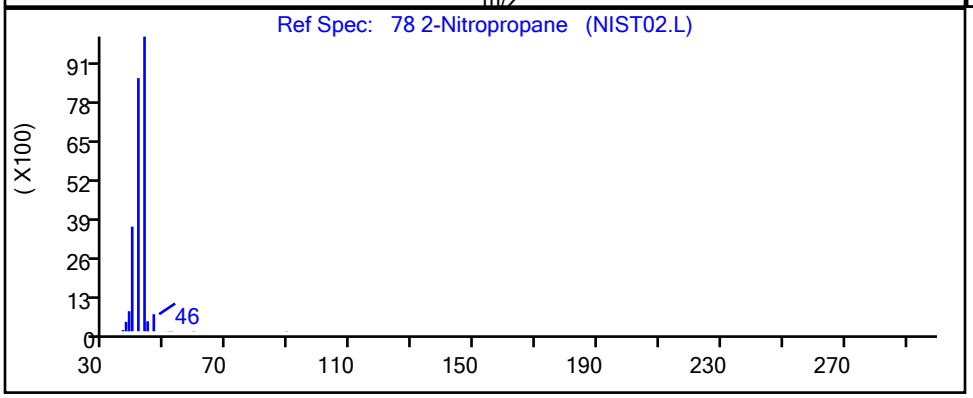
Processing Results











RT	Mass	Response	Amount
6.29	41.00	1334	3.389839
6.30	43.00	3560	

Reviewer: W9CM, 11-May-2024 13:51:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

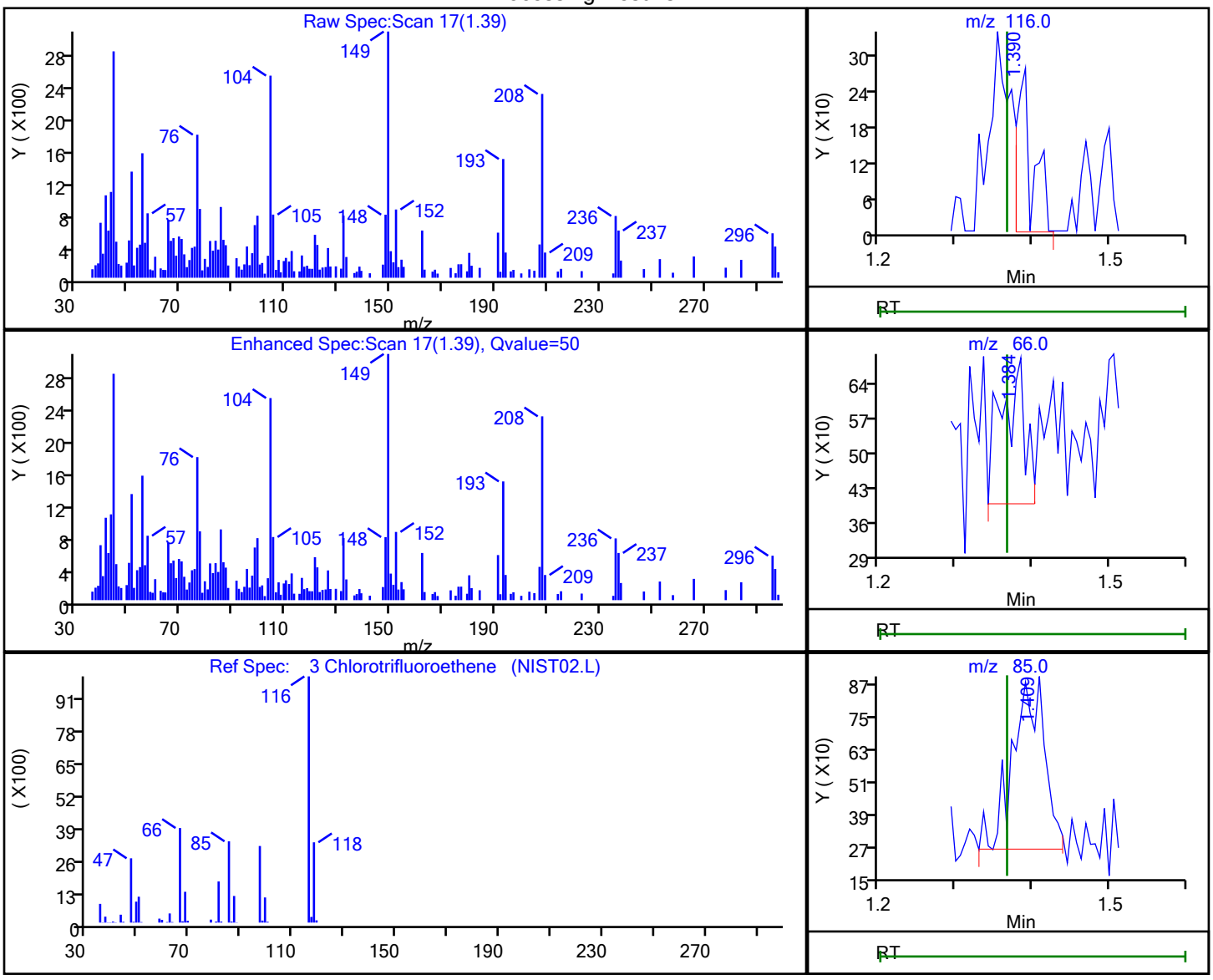
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.39	116.00	384	0.336747
1.38	66.00	636	
1.41	85.00	1846	
1.40	118.00	178	

Reviewer: W9CM, 11-May-2024 13:18:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

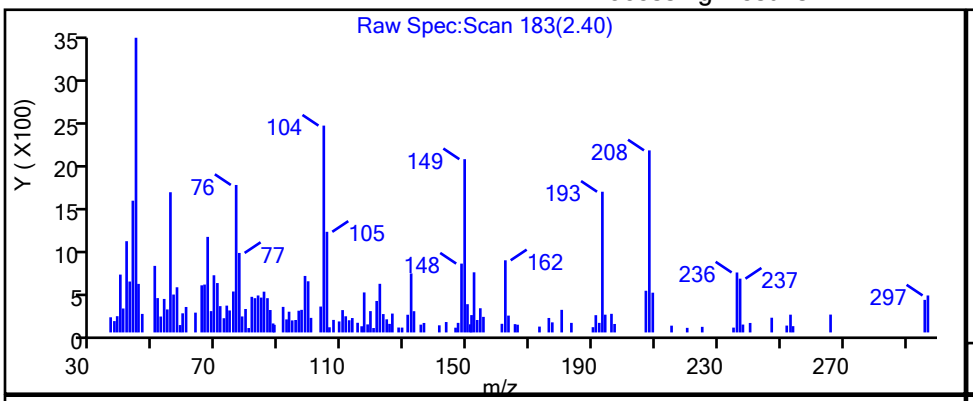
User Disabled Compound Report

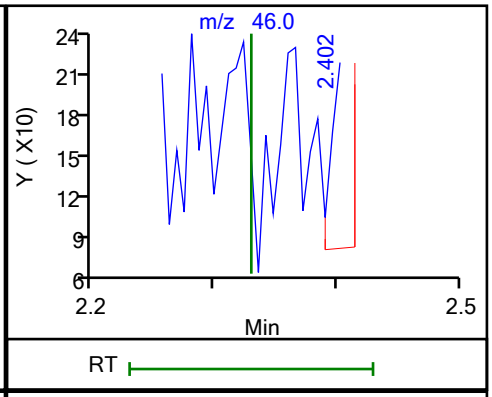
Eurofins Edison

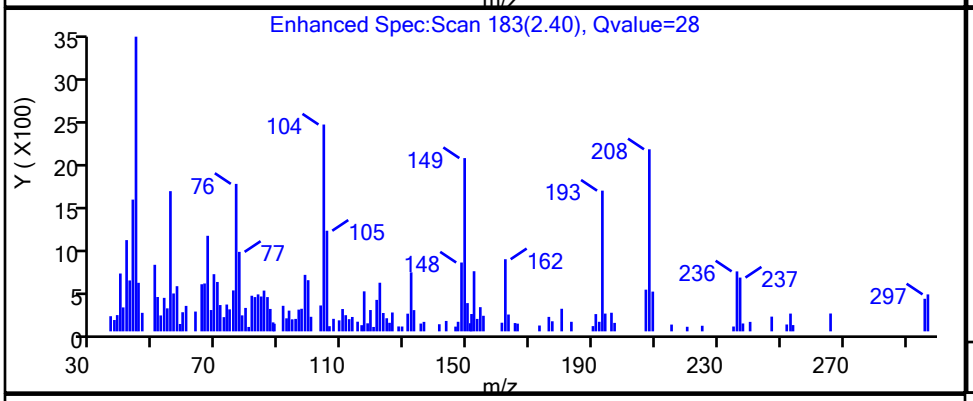
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

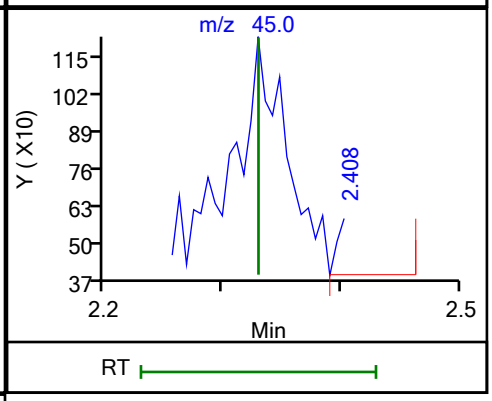
14 Ethanol, CAS: 64-17-5

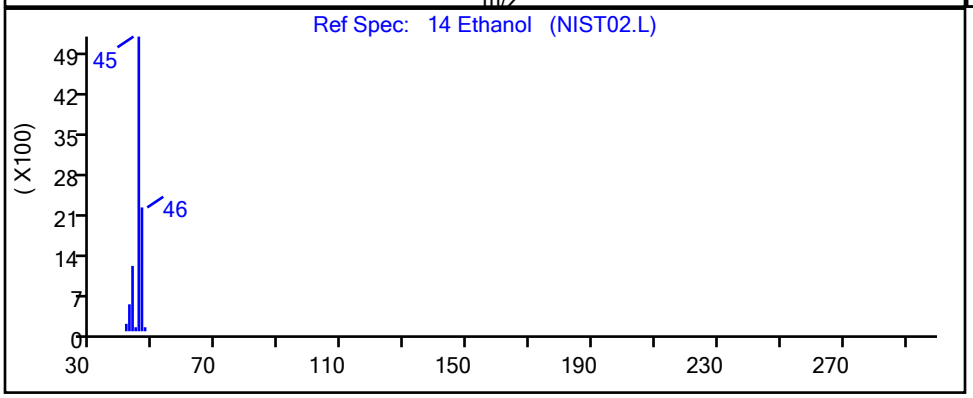
Processing Results











RT	Mass	Response	Amount
2.40	46.00	134	15.581155
2.41	45.00	535	

Reviewer: W9CM, 11-May-2024 13:19:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

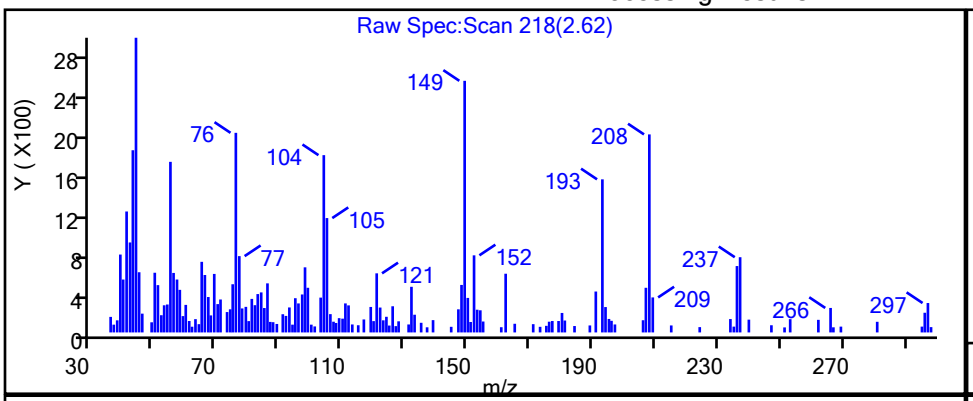
User Disabled Compound Report

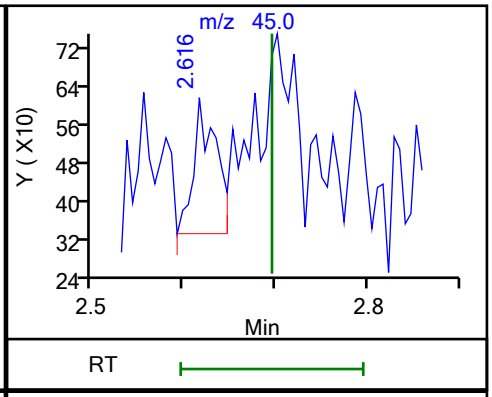
Eurofins Edison

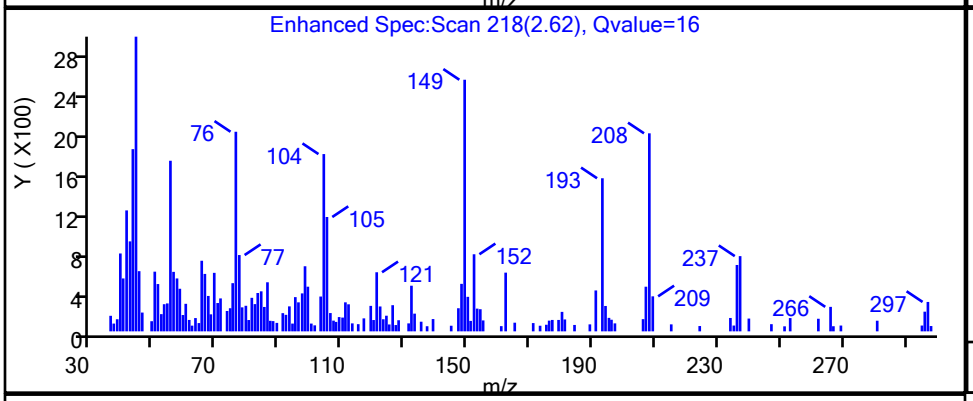
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

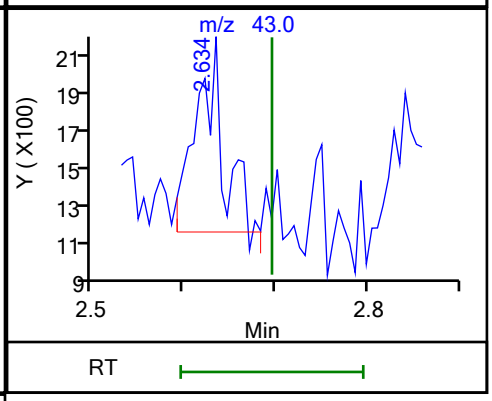
25 Isopropyl alcohol, CAS: 67-63-0

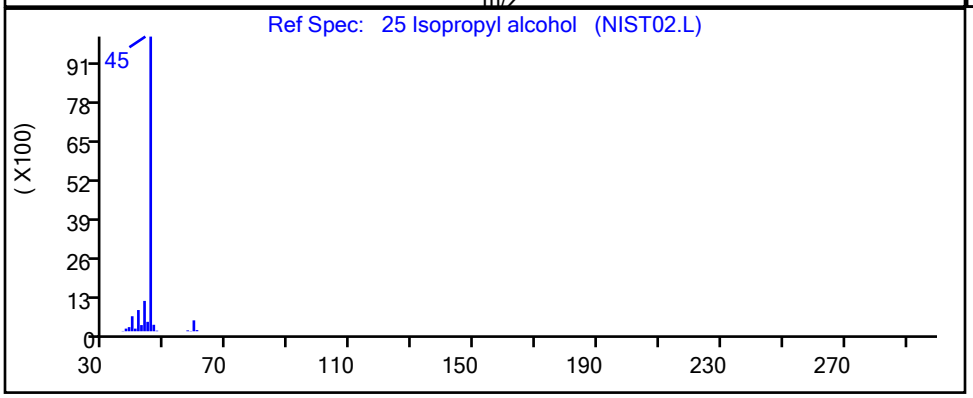
Processing Results











RT	Mass	Response	Amount
2.62	45.00	492	4.736410
2.63	43.00	2086	

Reviewer: W9CM, 11-May-2024 13:20:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-May-2024 09:08:30 ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0175641-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:36 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:59:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	50	1788	1.00	1.20	a
2 1,1-Difluoroethane	65	1.384	1.366	0.018	53	1627	1.00	0.7594	M
4 Dichlorodifluoromethane	85	1.403	1.391	0.012	48	3952	1.00	0.8587	
5 Chlorodifluoromethane	67	1.421	1.409	0.012	86	580	1.00	0.8046	M
6 Chloromethane	50	1.561	1.549	0.012	97	4087	1.00	0.9185	
7 Vinyl chloride	62	1.653	1.641	0.012	94	3525	1.00	0.8556	
8 Butadiene	54	1.653	1.641	0.012	81	3322	1.00	0.8614	
9 Bromomethane	94	1.909	1.897	0.012	37	2564	1.00	0.9804	
10 Chloroethane	64	1.976	1.964	0.012	42	1999	1.00	0.8691	
11 Dichlorofluoromethane	67	2.140	2.134	0.006	95	6762	1.00	0.9009	
12 Trichlorofluoromethane	101	2.134	2.140	-0.006	68	4922	1.00	0.9868	
13 Pentane	72	2.177	2.159	0.018	97	1671	2.00	2.44	
14 Ethanol	46	2.329	2.329	0.000	39	654	40.0	64.0	
15 Ethyl ether	74	2.348	2.336	0.012	66	2386	1.00	1.25	M
16 2-Methyl-1,3-butadiene	53	2.378	2.360	0.018	92	3932	1.00	1.13	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.415	2.390	0.025	69	3664	1.00	1.04	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	86	5102	1.00	0.9350	
19 Acrolein	56	2.506	2.500	0.006	63	1968	4.00	4.79	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.530	2.525	0.005	87	3848	1.00	1.09	
21 1,1-Dichloroethene	96	2.549	2.537	0.012	93	3130	1.00	0.8798	
22 Acetone	43	2.622	2.616	0.006	52	2991	5.00	4.98	M
23 Iodomethane	142	2.689	2.683	0.006	96	6178	1.00	0.9403	
25 Isopropyl alcohol	45	2.707	2.695	0.012	27	1367	10.0	12.4	a
24 Carbon disulfide	76	2.719	2.714	0.005	98	14088	1.00	1.03	
26 3-Chloro-1-propene	76	2.848	2.835	0.013	90	2583	1.00	1.07	M
27 Methyl acetate	43	2.854	2.848	0.006	75	3484	2.00	2.39	
28 Cyclopentene	67	2.866	2.860	0.006	87	9030	1.00	1.11	
29 Acetonitrile	41	2.902	2.902	0.000	66	1930	10.0	7.92	Ma
* 31 TBA-d9 (IS)	66	2.957	2.951	0.006	0	28028	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	33	3928	1.00	0.9870	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.030	3.012	0.018	28	1926	10.0	10.8	M
33 Methyl tert-butyl ether	73	3.128	3.110	0.018	74	7899	1.00	0.9390	
34 trans-1,2-Dichloroethene	96	3.146	3.140	0.006	97	4083	1.00	1.02	
35 Acrylonitrile	53	3.213	3.201	0.012	95	7199	10.0	9.36	
36 Hexane	57	3.299	3.293	0.006	91	5675	1.00	1.13	
37 Isopropyl ether	45	3.506	3.488	0.018	86	12882	1.00	1.07	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	97	6191	1.00	0.9259	
39 Vinyl acetate	86	3.530	3.524	0.006	99	1026	2.00	2.07	M
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	88	3679	1.00	1.10	
41 Tert-butyl ethyl ether	59	3.805	3.793	0.012	89	9802	1.00	0.9395	
* 42 2-Butanone-d5	46	3.988	3.982	0.006	0	177898	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	46	1561	1.00	1.11	M
44 cis-1,2-Dichloroethene	96	4.030	4.024	0.006	97	4340	1.00	1.04	
45 2-Butanone (MEK)	72	4.042	4.030	0.012	96	1274	5.00	5.68	
46 Ethyl acetate	70	4.042	4.036	0.006	88	598	2.00	2.41	
47 Methyl acrylate	55	4.109	4.085	0.024	66	1389	1.00	0.7797	Ma
48 Propionitrile	54	4.170	4.164	0.006	56	2974	10.0	12.0	a
50 Tetrahydrofuran	72	4.237	4.232	0.005	46	643	2.00	2.58	M
49 Chlorobromomethane	128	4.250	4.238	0.012	85	1918	1.00	1.10	
51 Methacrylonitrile	67	4.268	4.262	0.006	93	7903	10.0	9.59	
52 Chloroform	83	4.298	4.292	0.006	97	6132	1.00	1.01	
53 Cyclohexane	84	4.433	4.427	0.006	31	6164	1.00	1.13	a
54 1,1,1-Trichloroethane	97	4.445	4.433	0.012	36	5015	1.00	0.9596	
$ 55 Dibromofluoromethane (Surr)	113	4.451	4.445	0.006	97	155052	50.0	50.2	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	95	4972	1.00	1.08	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	95	4834	1.00	0.9826	
58 Isobutyl alcohol	43	4.701	4.695	0.006	69	2346	25.0	30.0	
59 Isooctane	57	4.743	4.744	-0.001	97	13049	1.00	1.04	
60 Benzene	78	4.774	4.774	0.000	95	13960	1.00	0.9634	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.792	4.786	0.006	0	144362	50.0	48.7	
63 Isopropyl acetate	61	4.823	4.835	-0.012	76	1591	1.00	1.17	Ma
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	87	7978	1.00	0.8974	a
64 1,2-Dichloroethane	62	4.859	4.859	0.000	95	4085	1.00	1.14	
65 n-Heptane	100	4.939	4.926	0.013	91	1410	1.00	1.01	
* 66 Fluorobenzene	96	5.060	5.055	0.005	99	633909	50.0	50.0	
67 n-Butanol	56	5.353	5.347	0.006	53	1797	25.0	42.1	
68 Trichloroethene	95	5.408	5.402	0.006	92	3759	1.00	1.03	
69 Methylcyclohexane	83	5.530	5.524	0.006	86	7578	1.00	1.20	M
70 Ethyl acrylate	99	5.530	5.530	0.000	86	848	1.00	2.47	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	87	3868	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	18745	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	87	1402	2.00	2.37	
75 1,4-Dioxane	88	5.804	5.786	0.018	32	1143	50.0	53.9	
74 Dibromomethane	93	5.816	5.810	0.006	92	1560	1.00	0.9644	
76 n-Propyl acetate	43	5.823	5.817	0.006	69	3255	1.00	1.16	
77 Dichlorobromomethane	83	5.969	5.957	0.012	95	4852	1.00	1.13	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	66	1826	1.00	1.16	
78 2-Nitropropane	41	6.292	6.292	0.000	60	2223	2.00	5.27	M
80 Epichlorohydrin	57	6.402	6.396	0.006	95	3890	20.0	23.3	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	90	5315	1.00	0.9812	
82 4-Methyl-2-pentanone (MIBK)	58	6.627	6.621	0.006	95	3748	5.00	4.94	
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	99	604854	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.774	6.774	0.000	92	16317	1.00	1.08	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	91	4024	1.00	0.9700	
86 Ethyl methacrylate	69	7.164	7.158	0.006	75	3730	1.00	1.08	
87 1,1,2-Trichloroethane	83	7.341	7.328	0.013	56	1601	1.00	0.8155	
88 Tetrachloroethene	166	7.371	7.377	-0.006	93	3715	1.00	1.01	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	3742	1.00	0.9591	
90 2-Hexanone	43	7.603	7.603	0.000	98	6141	5.00	5.34	
91 n-Butyl acetate	43	7.725	7.725	0.000	95	3692	1.00	1.12	
92 Chlorodibromomethane	129	7.767	7.761	0.006	95	3019	1.00	1.08	
93 Ethylene Dibromide	107	7.920	7.914	0.006	97	2529	1.00	1.14	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	454294	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	97	7991	1.00	0.8903	
96 Ethylbenzene	106	8.609	8.603	0.006	98	4852	1.00	0.9548	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	89	3925	1.00	1.11	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	5845	1.00	0.9345	
100 n-Butyl acrylate	73	9.273	9.273	0.000	65	2083	1.00	1.00	
99 o-Xylene	106	9.273	9.279	-0.006	92	6647	1.00	1.03	
101 Styrene	104	9.310	9.310	0.000	97	10798	1.00	1.06	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	94	4543	1.00	1.03	
102 Bromoform	173	9.560	9.548	0.012	61	1769	1.00	1.04	
104 Isopropylbenzene	105	9.706	9.700	0.006	95	15092	1.00	1.02	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	94	184695	50.0	49.3	
106 Bromobenzene	156	10.066	10.066	0.000	96	3801	1.00	1.00	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	92	2530	1.00	0.9732	
108 N-Propylbenzene	91	10.151	10.157	-0.006	99	18302	1.00	0.9711	
109 1,2,3-Trichloropropane	110	10.169	10.175	-0.006	67	994	1.00	1.39	
110 trans-1,4-Dichloro-2-butene	53	10.194	10.200	-0.006	56	466	1.00	0.7889	
111 2-Chlorotoluene	91	10.261	10.261	0.000	98	12918	1.00	0.99	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	15027	1.00	0.9614	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	91	12504	1.00	0.9425	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	11263	1.00	0.9663	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	4261	1.00	0.9265	
116 tert-Butylbenzene	119	10.657	10.657	0.000	90	9584	1.00	0.8840	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	97	13737	1.00	1.00	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	17440	1.00	1.02	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	94	7518	1.00	1.02	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	14614	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	231796	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.096	11.090	0.006	91	6672	1.00	0.9345	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	98	14183	1.00	0.99	
124 Benzyl chloride	91	11.230	11.230	0.000	97	5620	1.00	1.02	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	12870	1.00	1.00	
126 p-Diethylbenzene	119	11.358	11.358	0.000	92	9154	1.00	0.99	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	7616	1.00	0.9786	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	6870	1.00	1.01	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	96	13006	1.00	0.9418	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	38	436	1.00	1.05	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	95	5925	1.00	0.9347	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	90	5455	1.00	1.06	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	93	3206	1.00	0.9823	
134 Naphthalene	128	12.907	12.907	0.000	98	7308	1.00	0.9783	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	94	4505	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 137 Xylenes, Total	100				0		2.00	1.96	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.95	
S 140 Total BTEX	1				0		5.00	4.96	

QC Flag Legend

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

Reagents:

524FREONS_00018	Amount Added:	10.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	10.00	Units: uL	
14DIOXINTER_00168	Amount Added:	30.00	Units: uL	
GASES Li_00582	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:37 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D

Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17

Lims ID: STD1

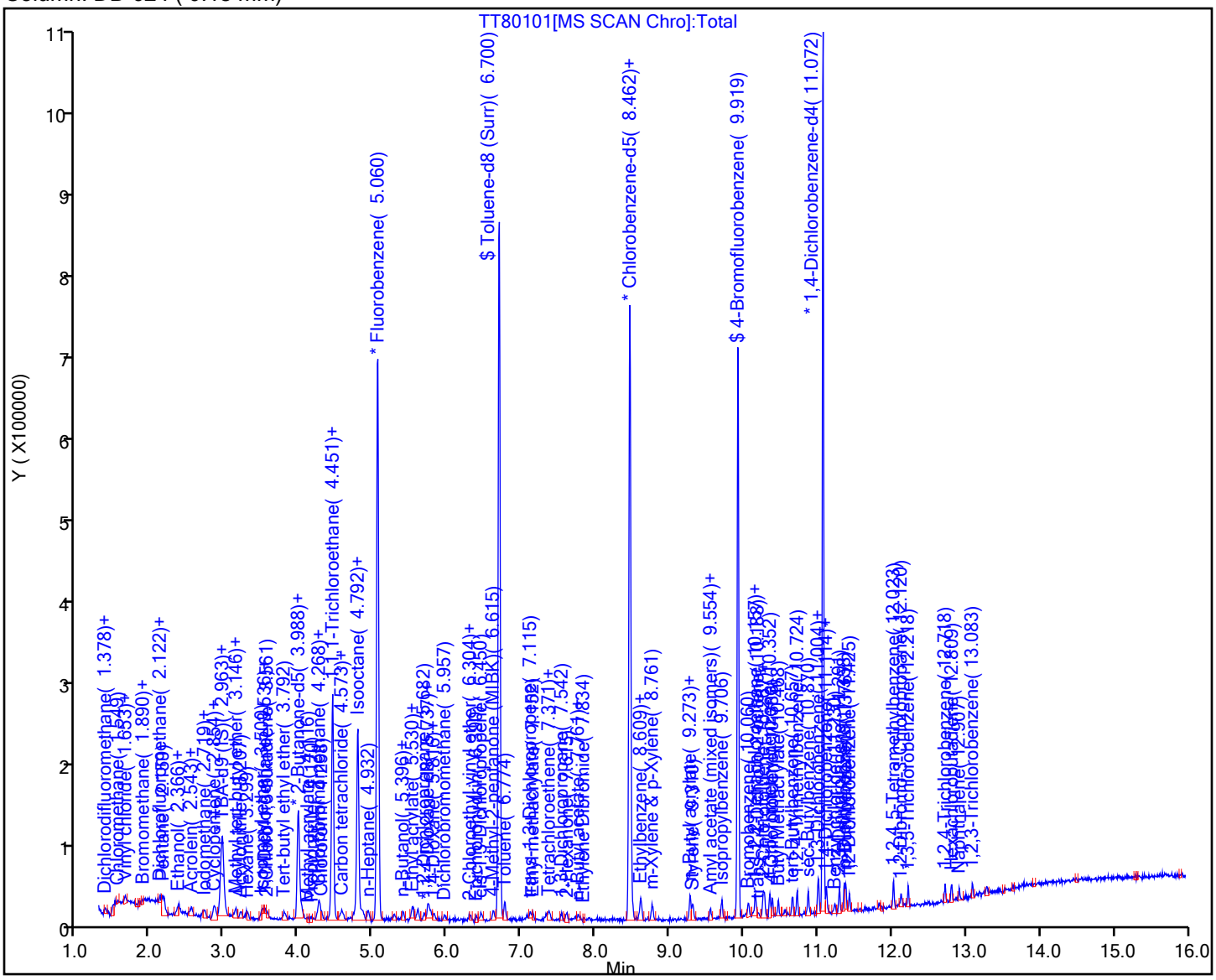
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

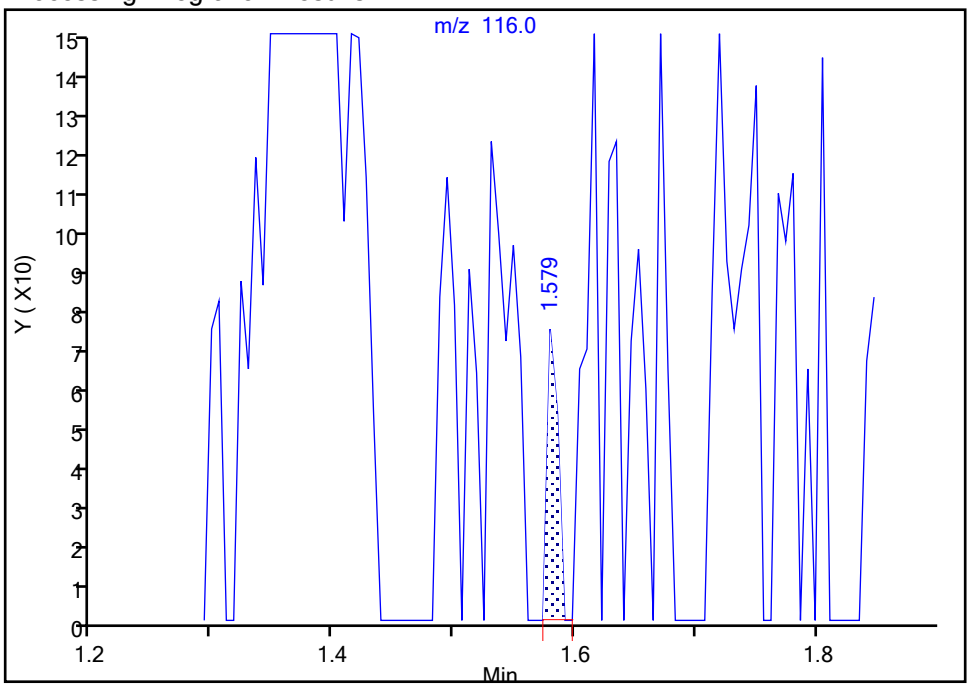
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

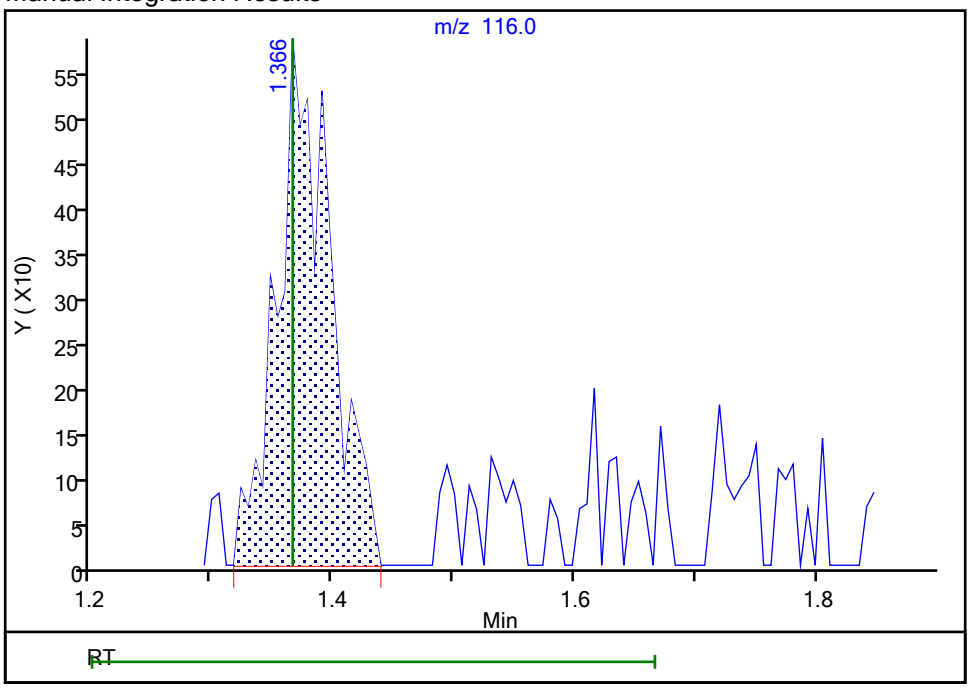
Processing Integration Results

RT: 1.58
Area: 46
Amount: 0.105800
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 1788
Amount: 1.200577
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:59:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

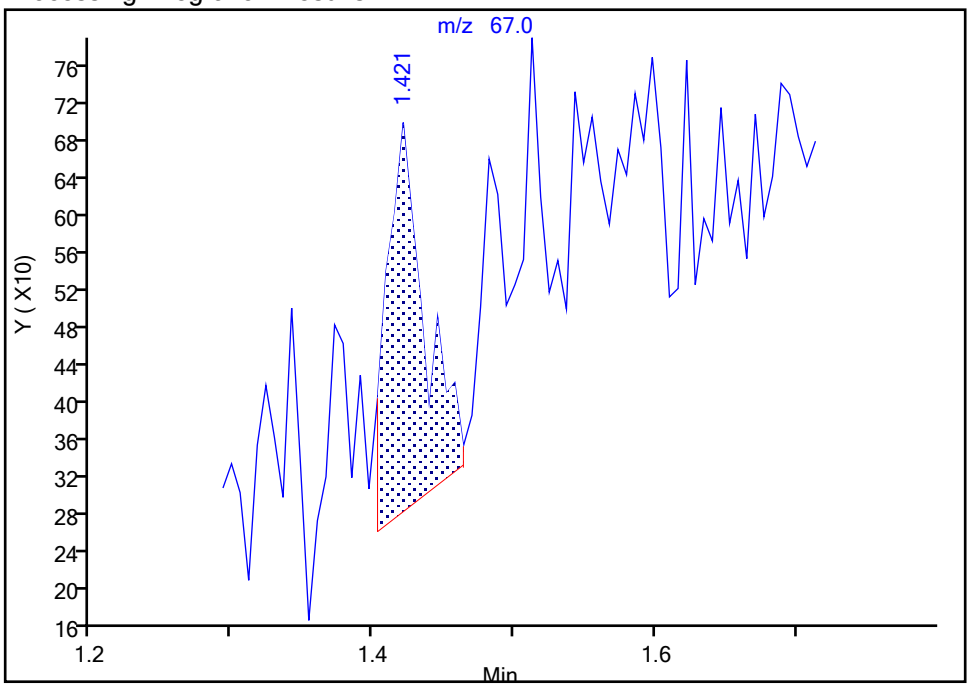
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D				
Injection Date:	09-May-2024 09:08:30	Instrument ID:	CVOAMS17		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

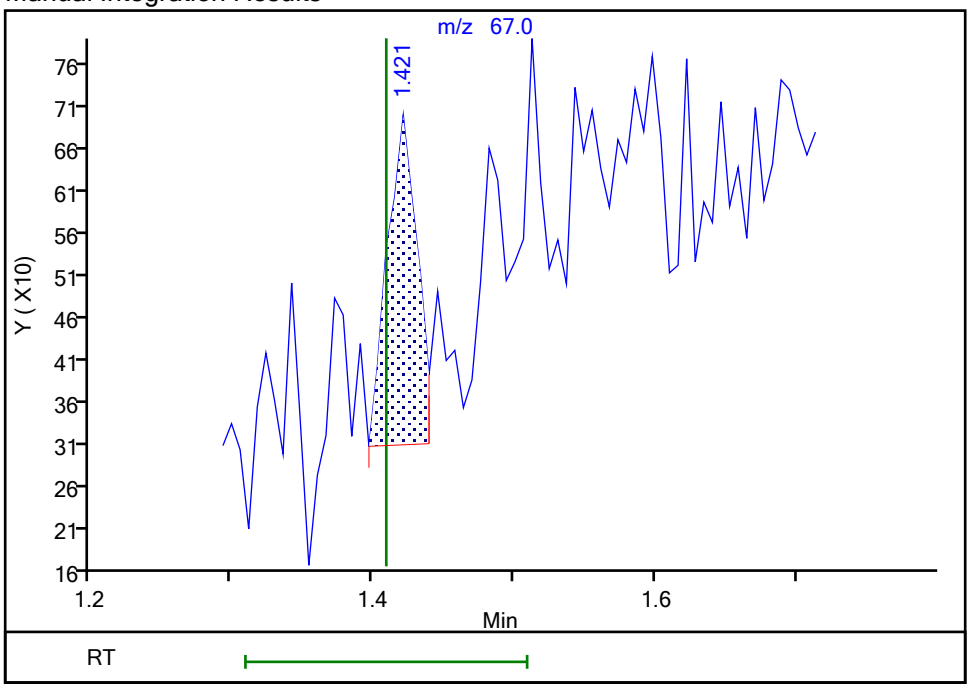
Processing Integration Results

RT: 1.42
Area: 790
Amount: 0.778681
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 580
Amount: 0.804630
Amount Units: ug/l



Reviewer: W9CM, 10-May-2024 20:49:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

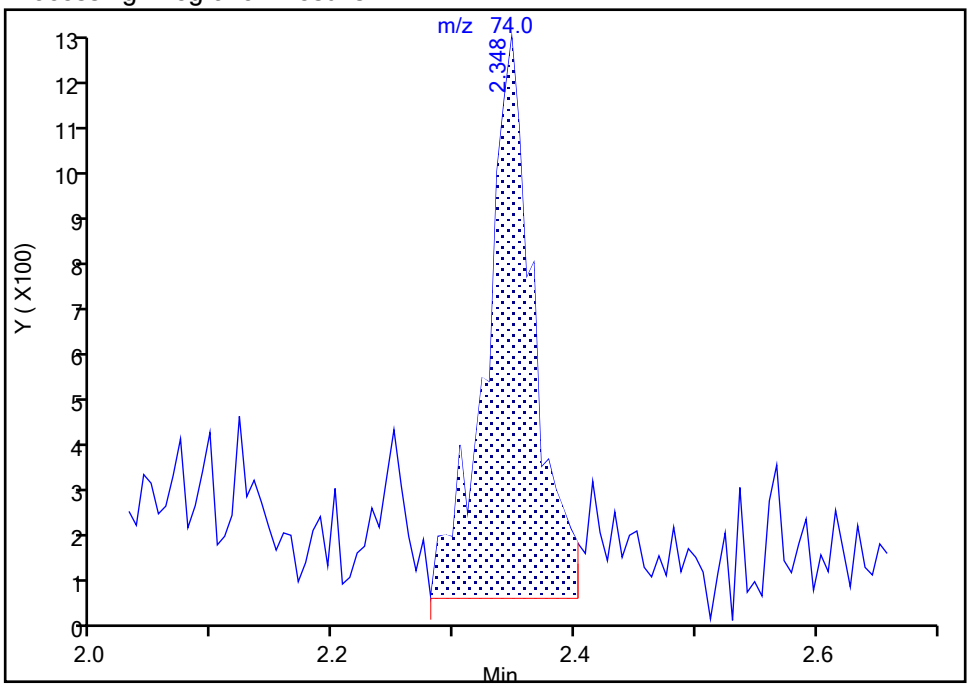
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Signal: 1

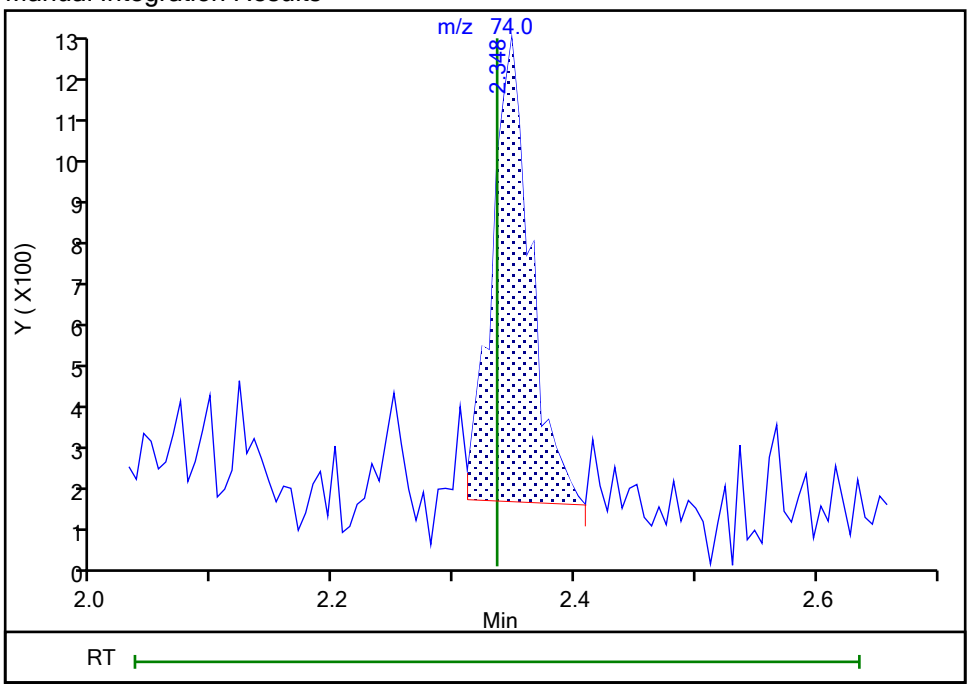
Processing Integration Results

RT: 2.35
Area: 3213
Amount: 1.917945
Amount Units: ug/l



Manual Integration Results

RT: 2.35
Area: 2386
Amount: 1.253922
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:37:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

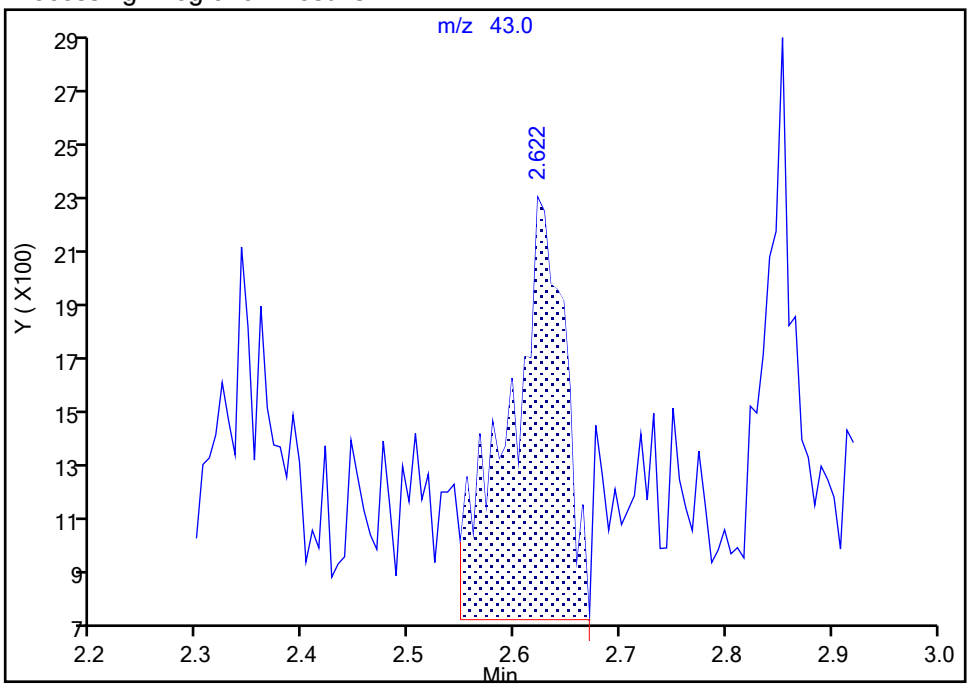
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

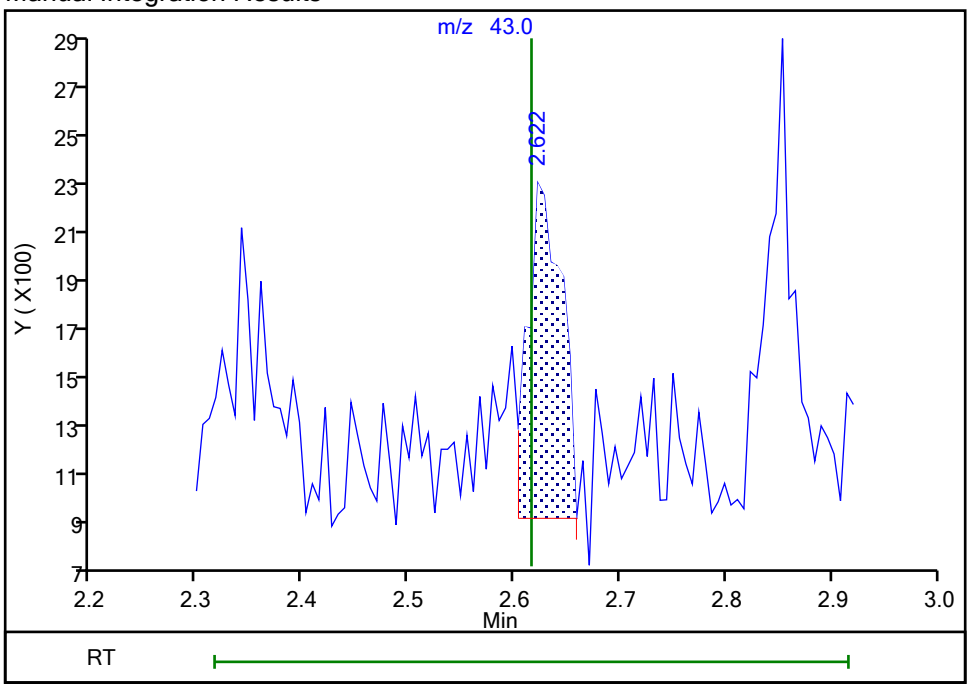
Processing Integration Results

RT: 2.62
Area: 5663
Amount: 12.619973
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 2991
Amount: 4.979043
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:54:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Edison

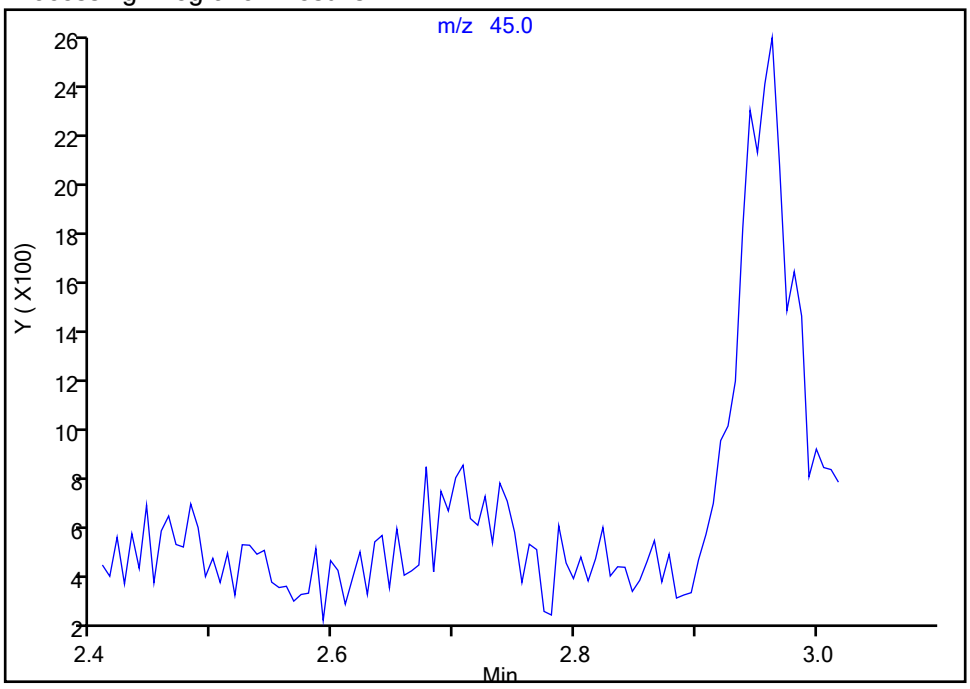
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

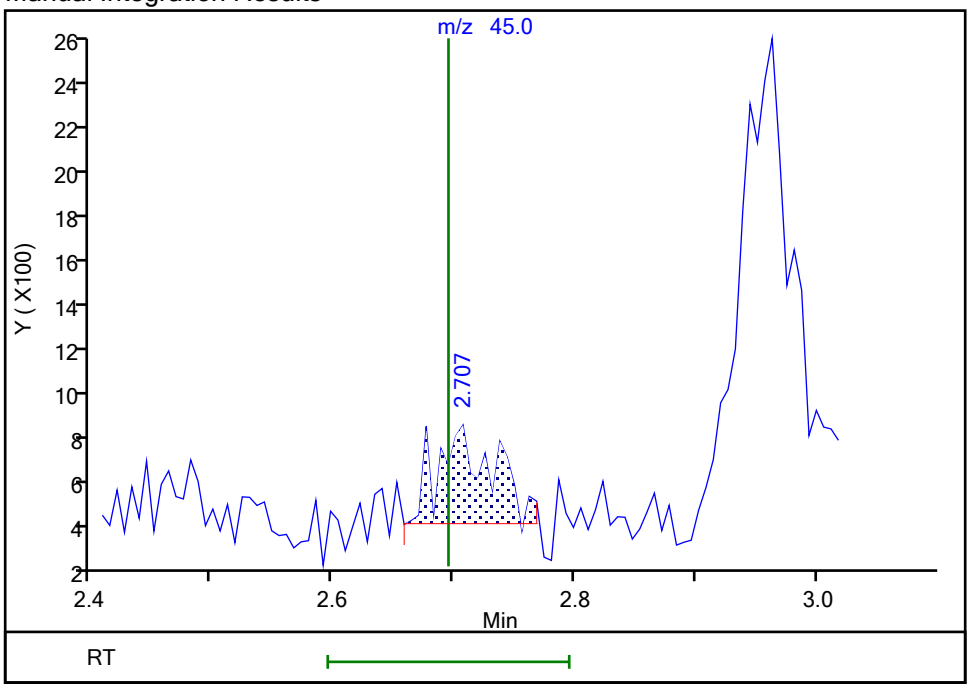
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 1367
Amount: 12.399255
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:59:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

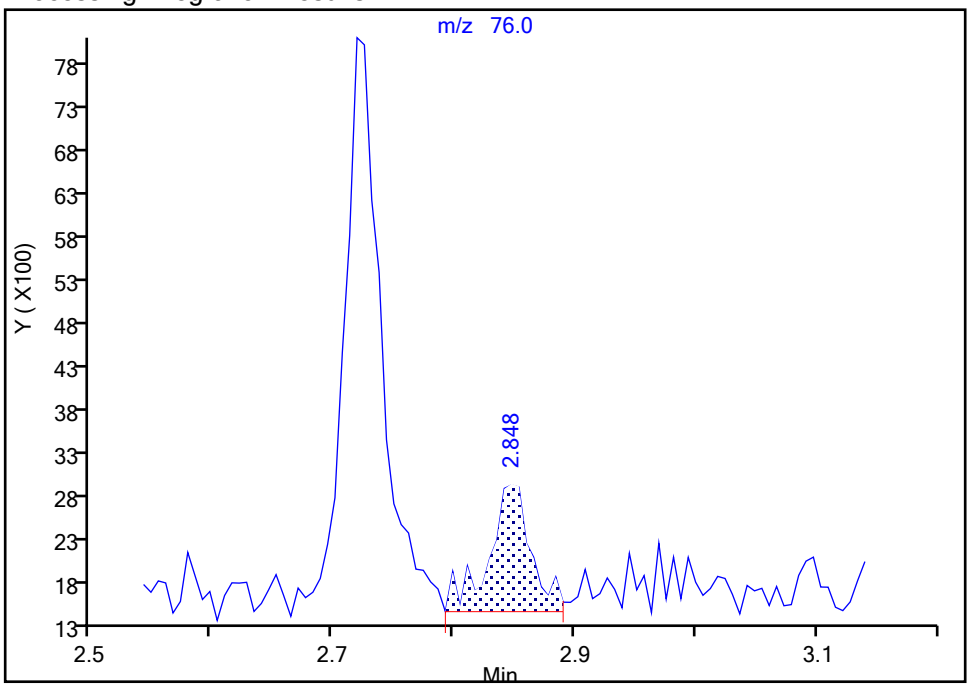
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

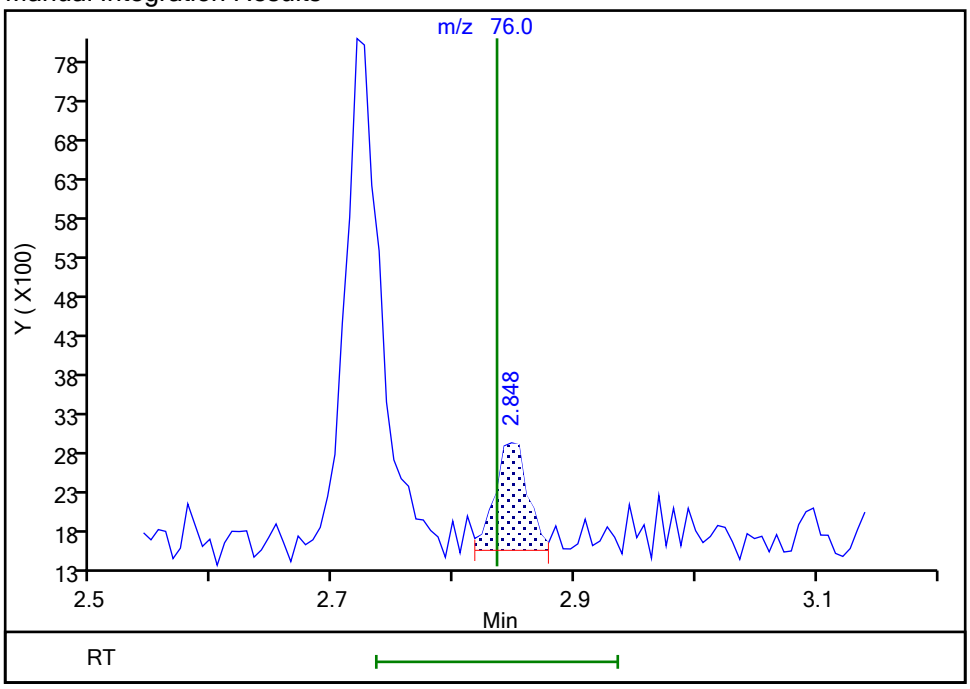
Processing Integration Results

RT: 2.85
Area: 3540
Amount: 1.659643
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 2583
Amount: 1.067228
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:39:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

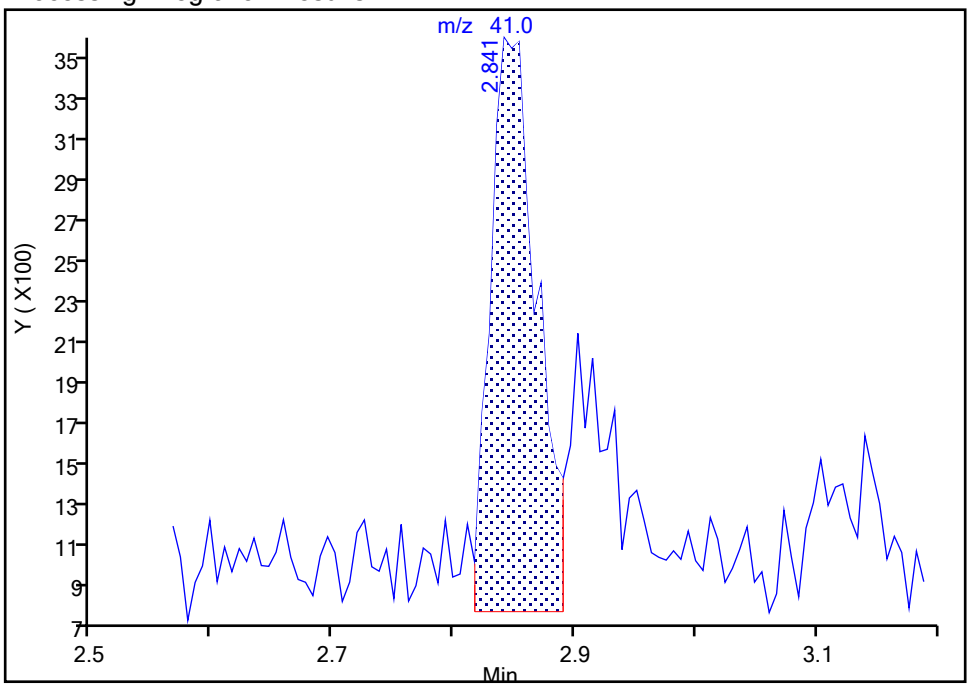
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

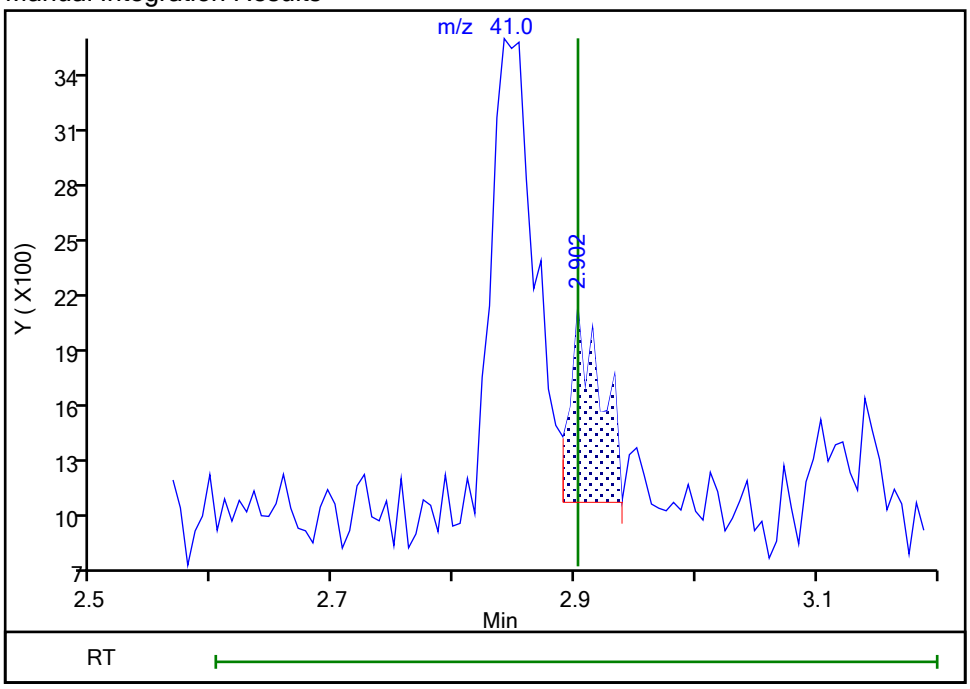
Processing Integration Results

RT: 2.84
Area: 7667
Amount: 17.172595
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 1930
Amount: 7.915999
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:50:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

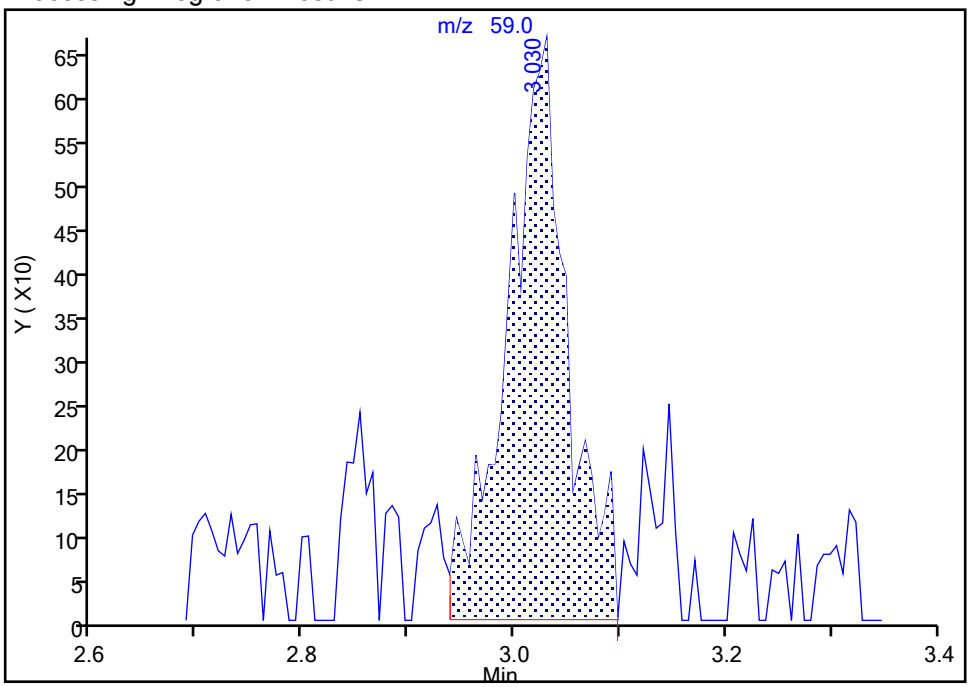
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

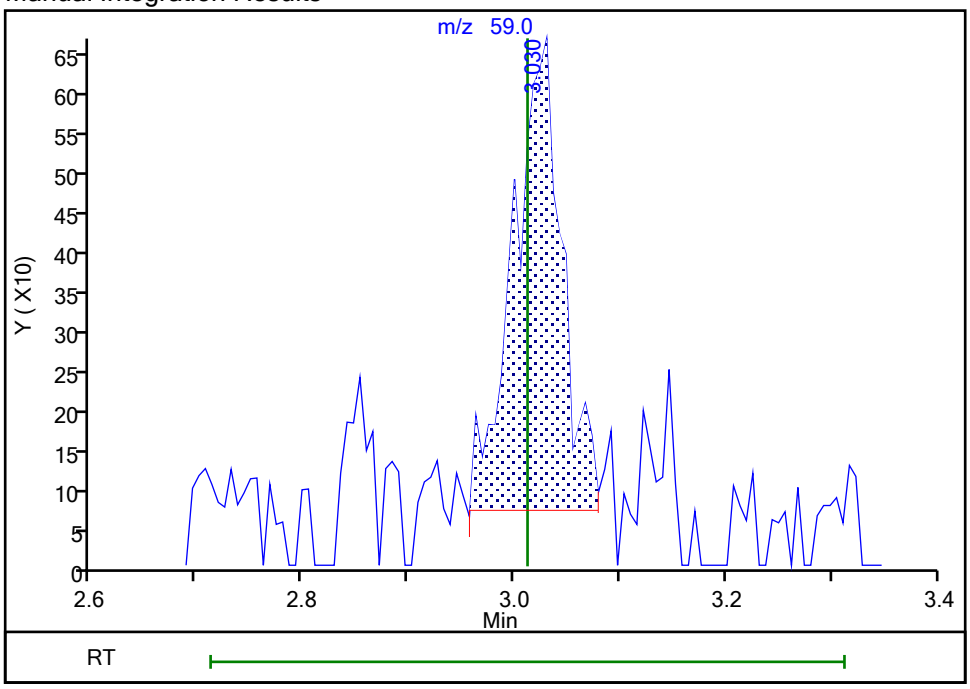
Processing Integration Results

RT: 3.03
Area: 2665
Amount: 13.889334
Amount Units: ug/l



Manual Integration Results

RT: 3.03
Area: 1926
Amount: 10.814085
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:08:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

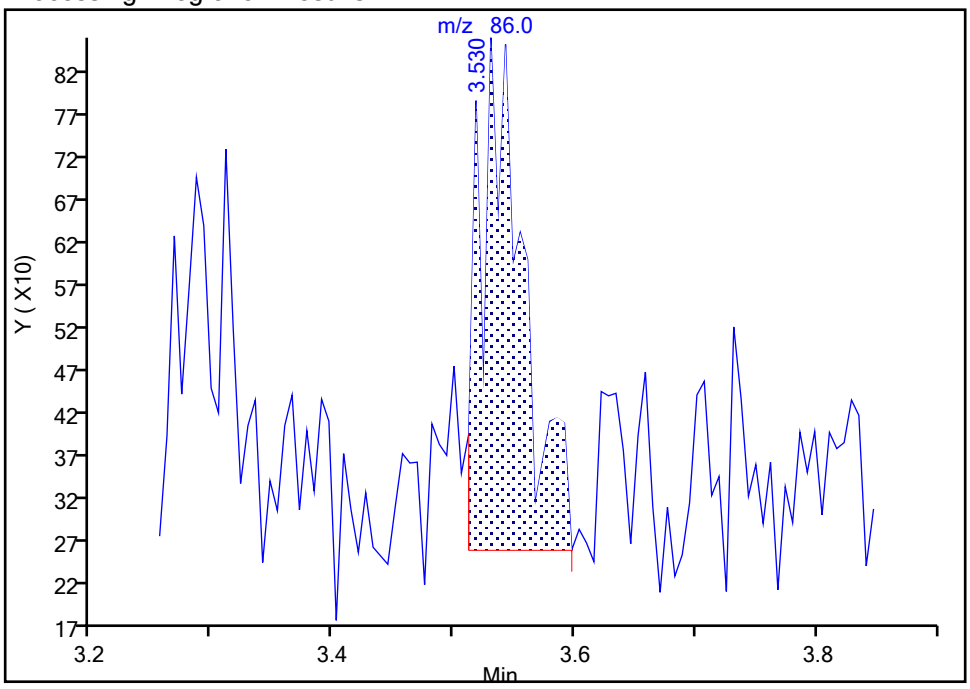
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

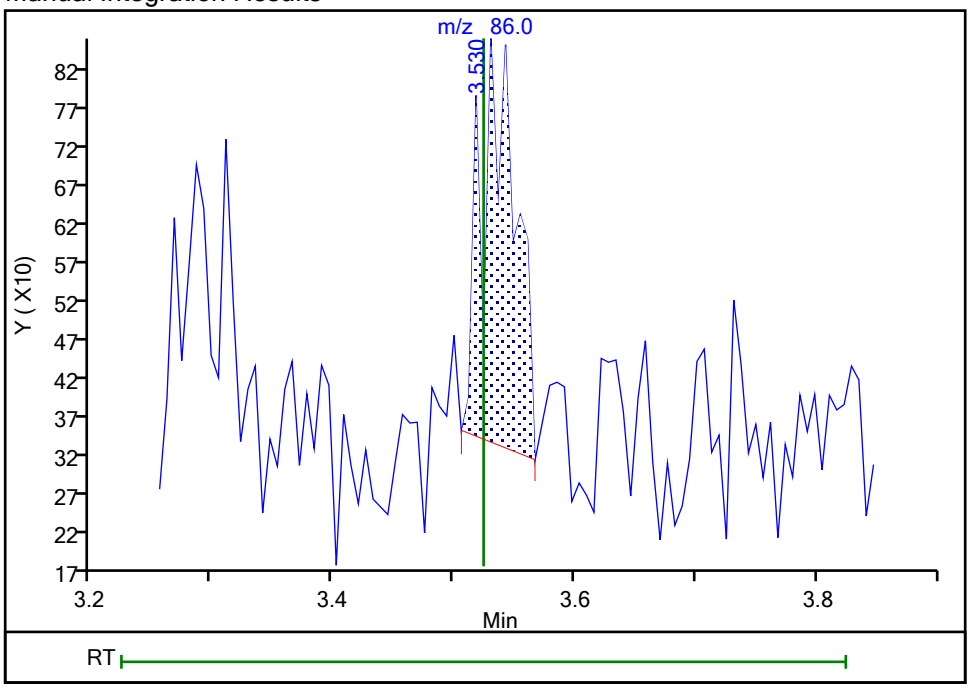
Processing Integration Results

RT: 3.53
Area: 1497
Amount: 2.823056
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 1026
Amount: 2.069342
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:10:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

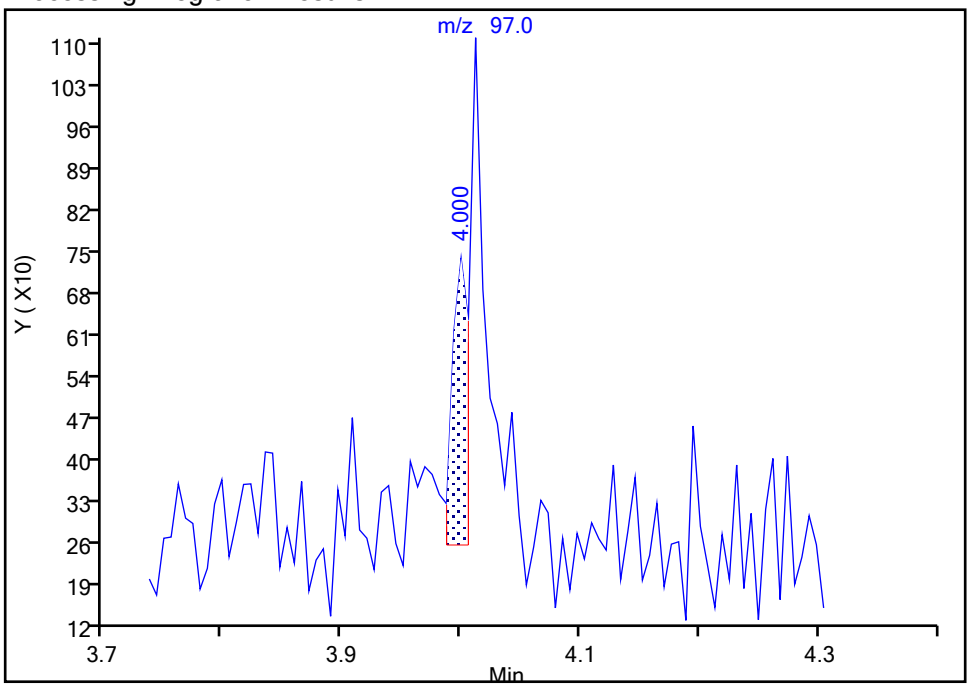
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

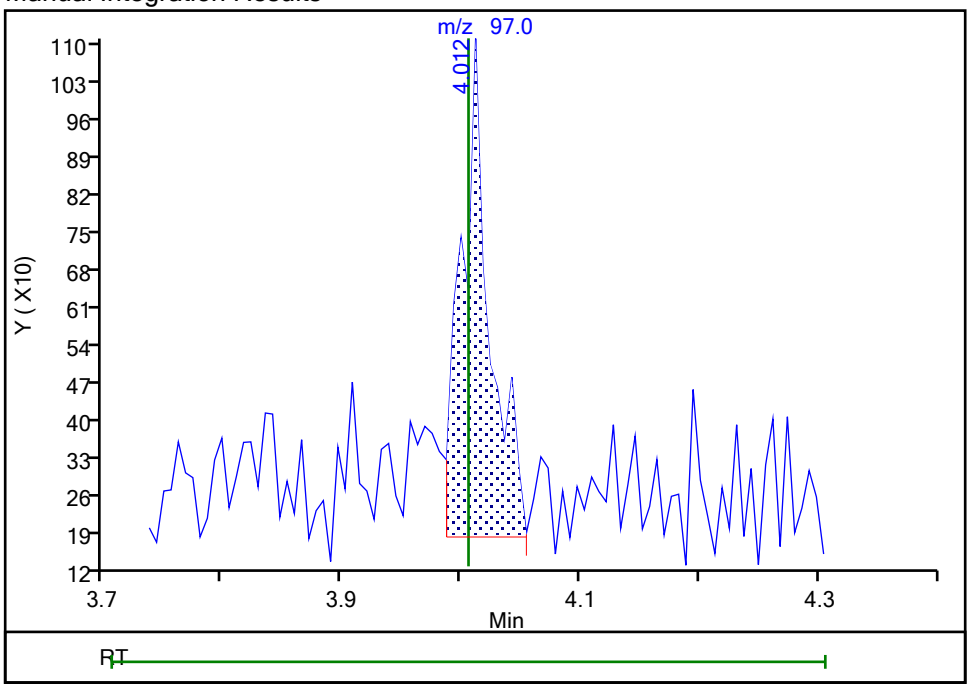
Processing Integration Results

RT: 4.00
Area: 476
Amount: 1.101610
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 1561
Amount: 1.106539
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:13:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

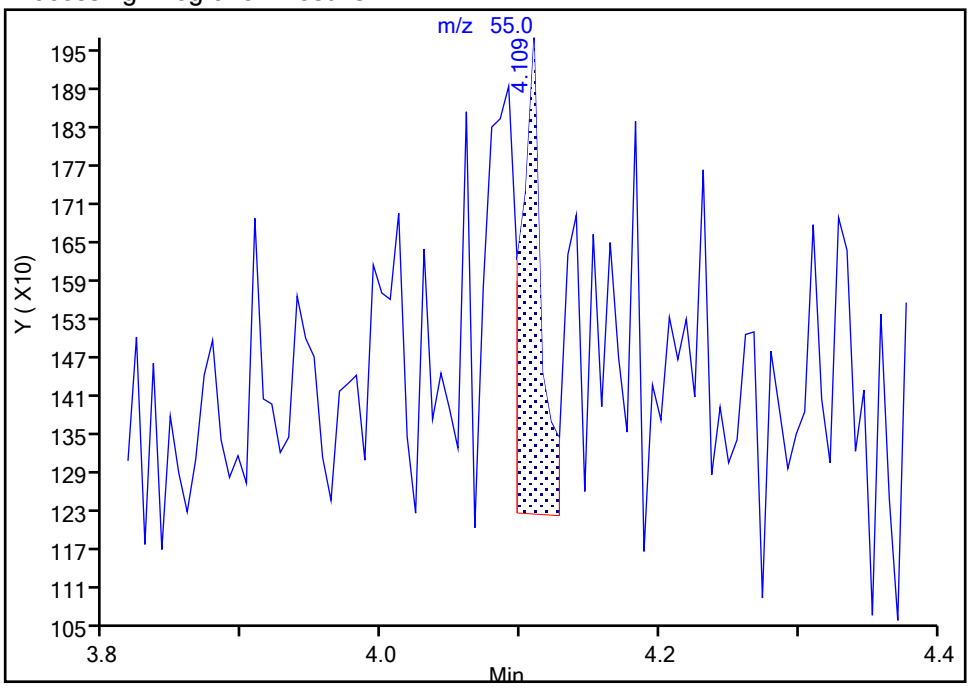
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

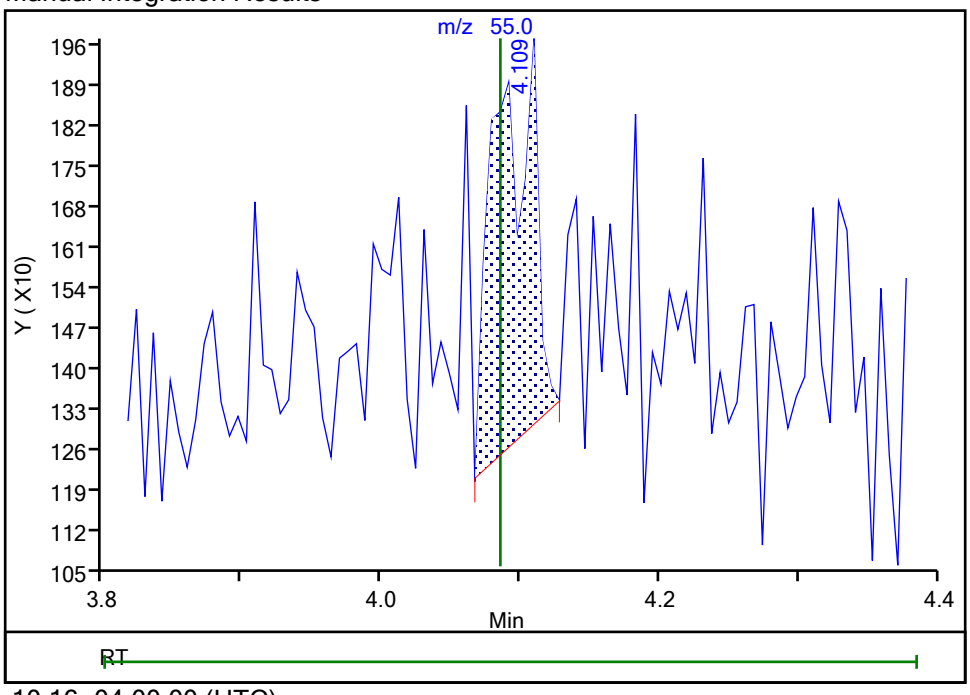
Processing Integration Results

RT: 4.11
Area: 783
Amount: 0.511295
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 1389
Amount: 0.779737
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:10:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

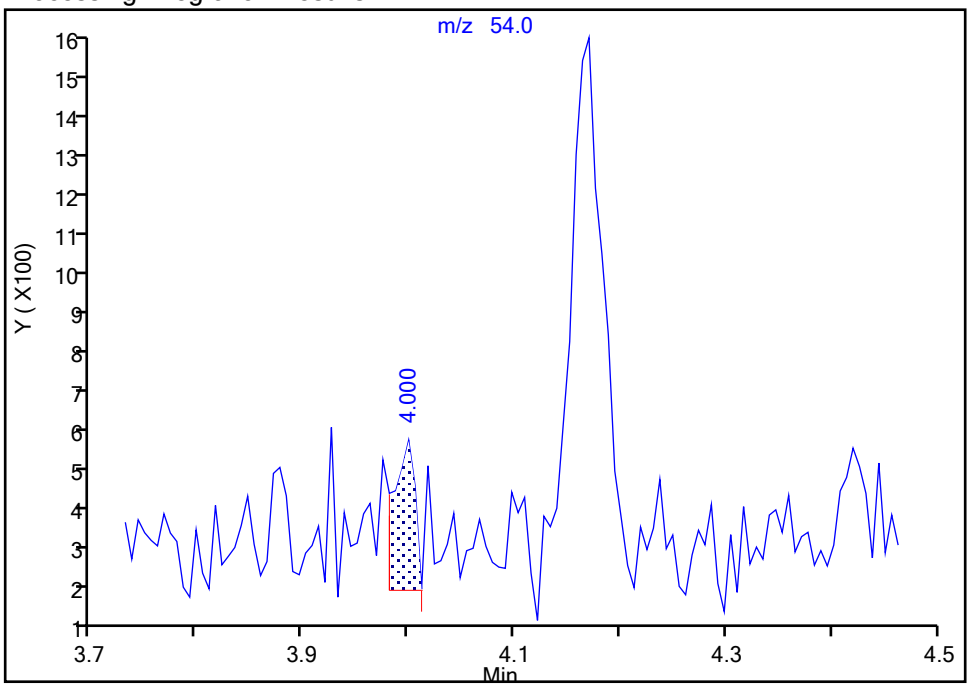
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

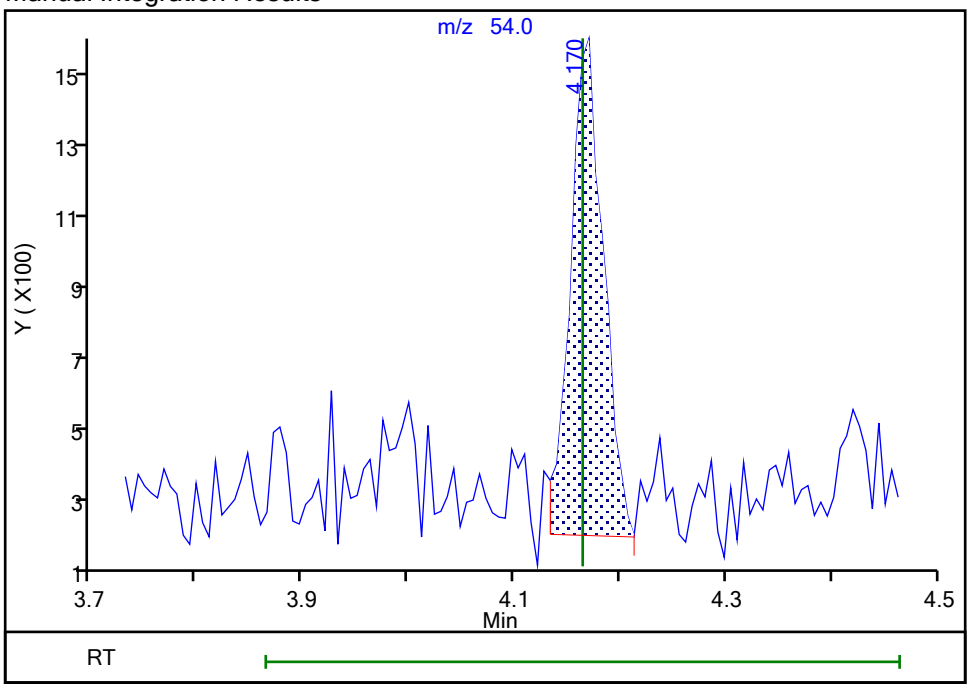
Processing Integration Results

RT: 4.00
Area: 518
Amount: 9.501592
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 2974
Amount: 12.029826
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

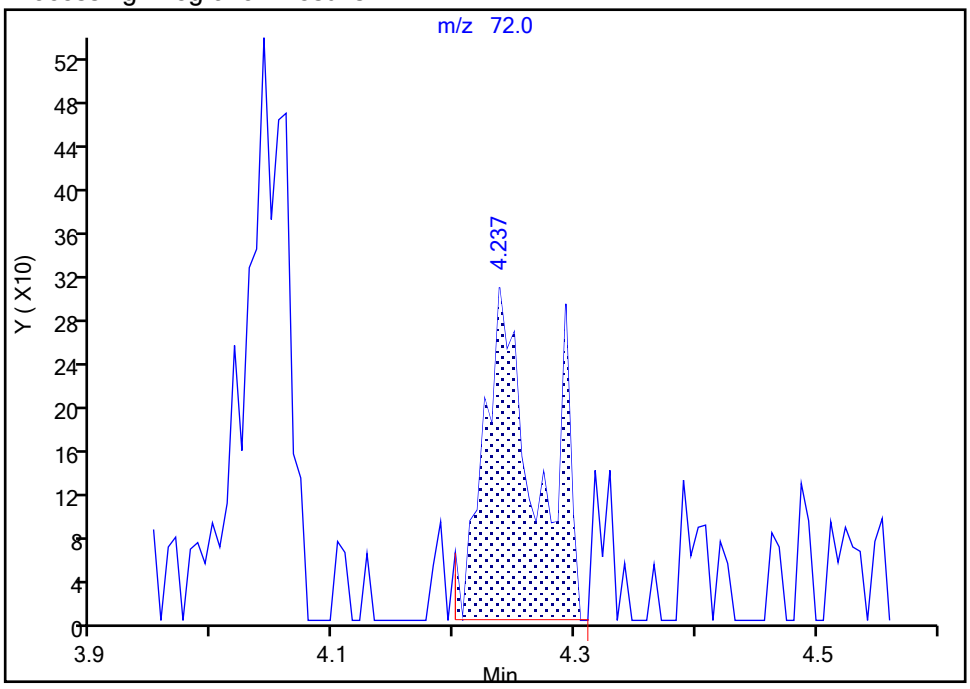
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

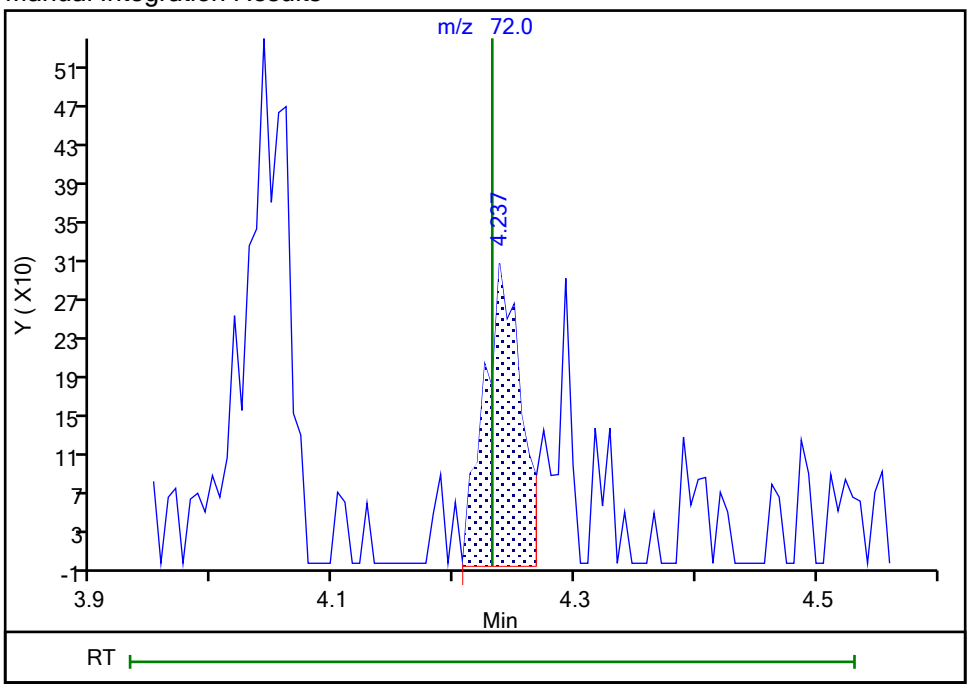
Processing Integration Results

RT: 4.24
Area: 914
Amount: 4.072231
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 643
Amount: 2.575022
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:44:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

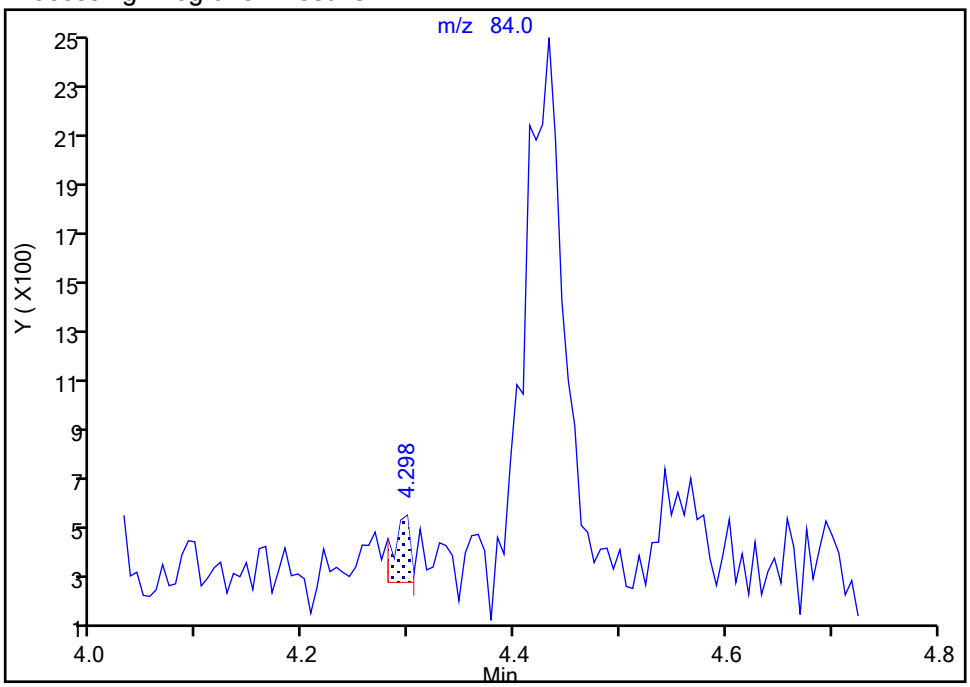
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

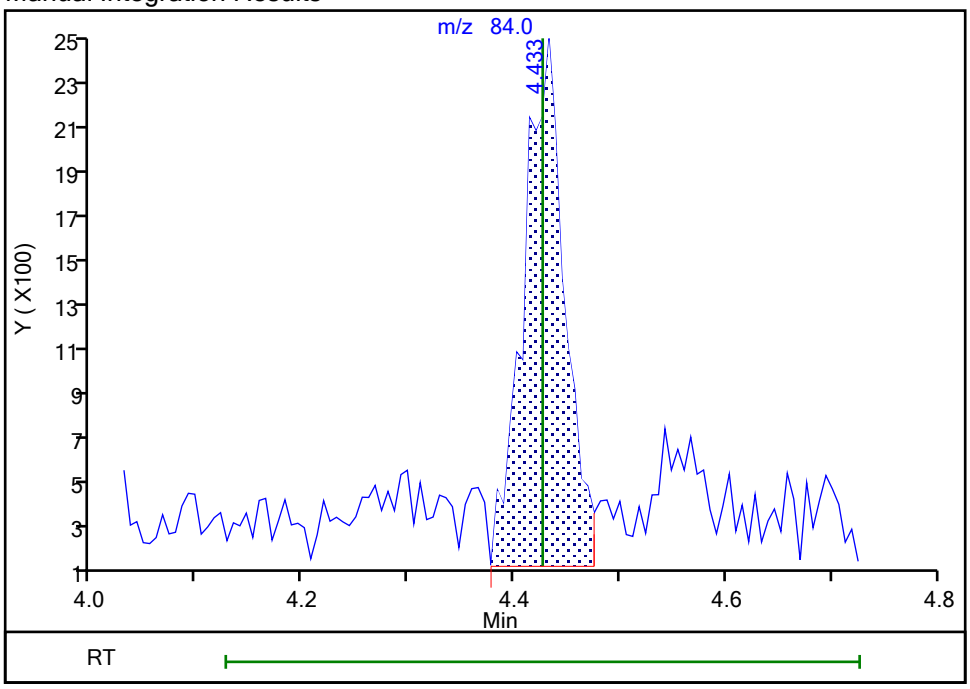
Processing Integration Results

RT: 4.30
Area: 300
Amount: 0.071570
Amount Units: ug/l



Manual Integration Results

RT: 4.43
Area: 6164
Amount: 1.125687
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

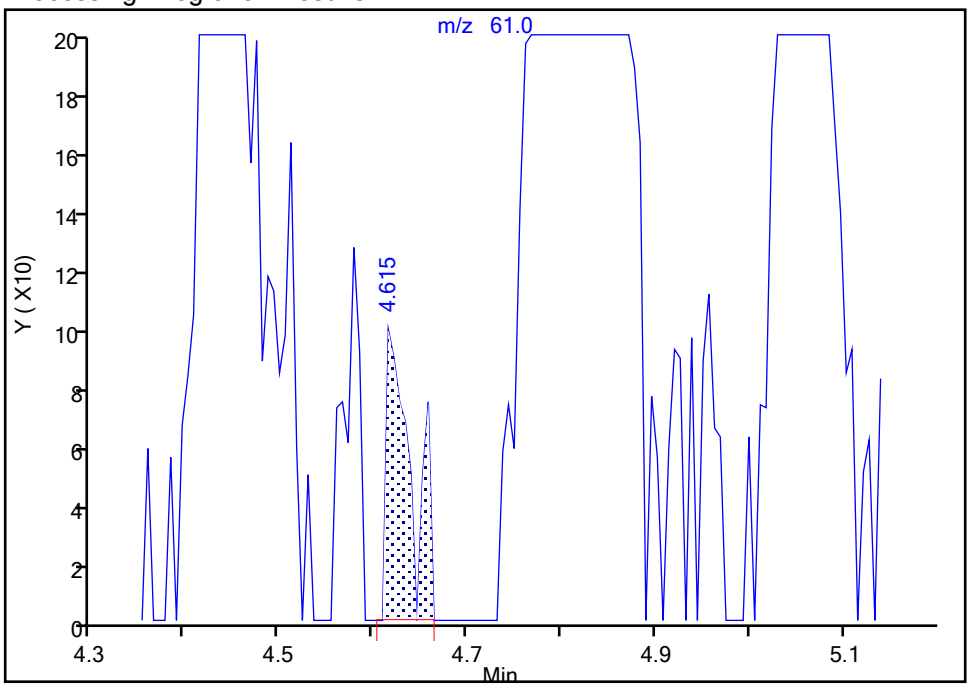
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

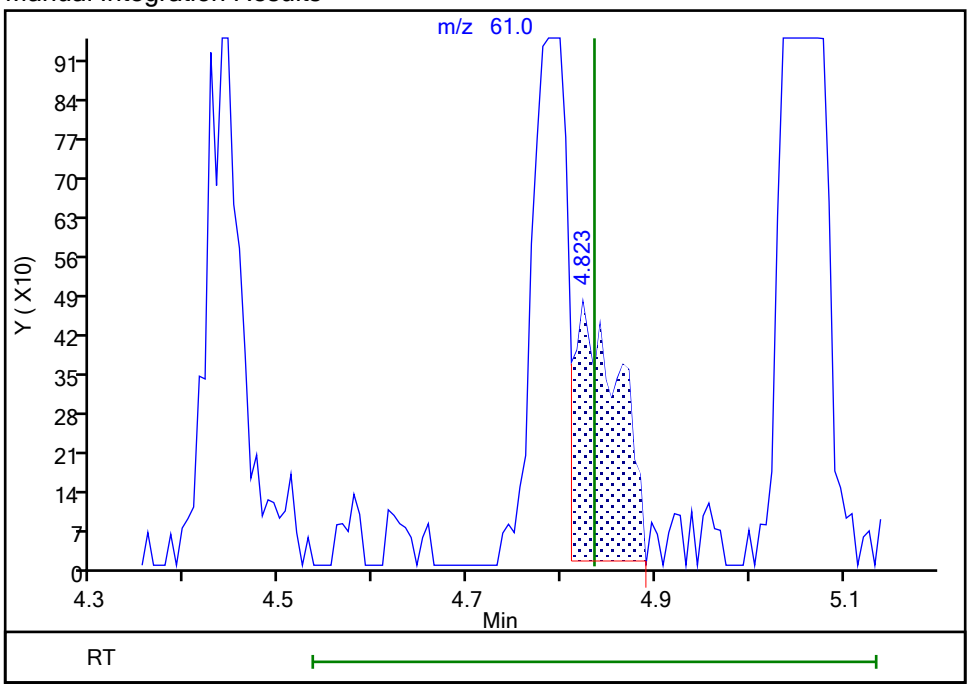
Processing Integration Results

RT: 4.62
Area: 186
Amount: 0.150863
Amount Units: ug/l



Manual Integration Results

RT: 4.82
Area: 1591
Amount: 1.171202
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:18:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

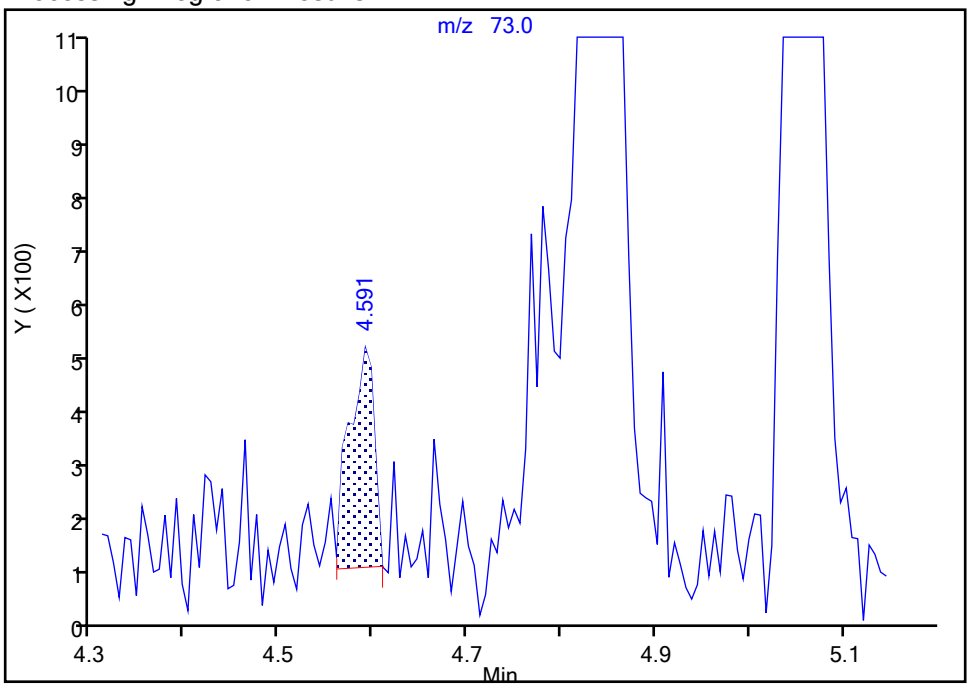
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

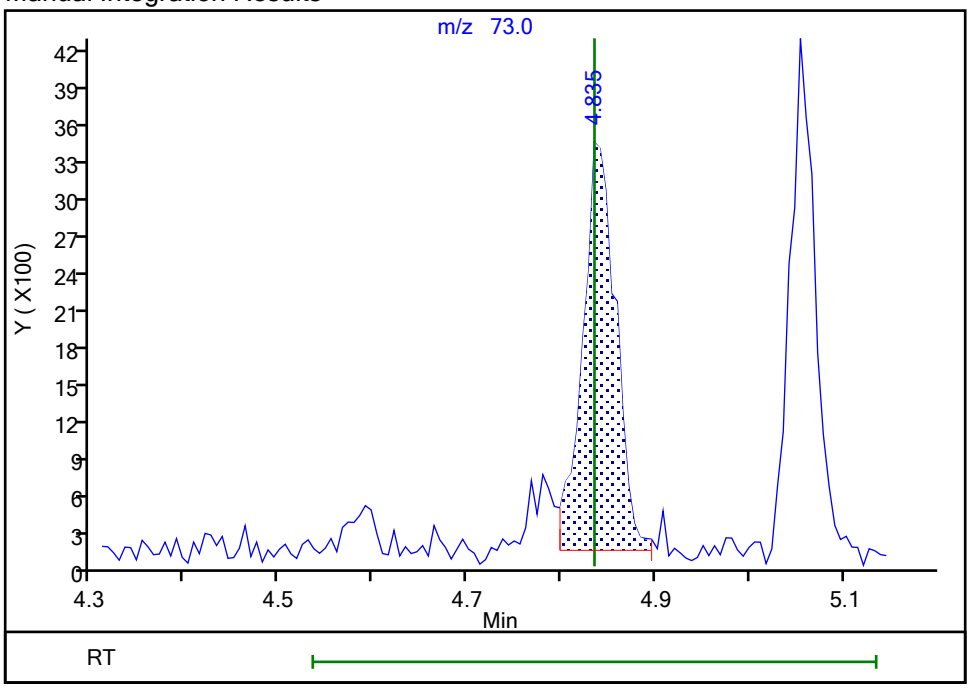
Processing Integration Results

RT: 4.59
Area: 704
Amount: 0.111950
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 7978
Amount: 0.897439
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

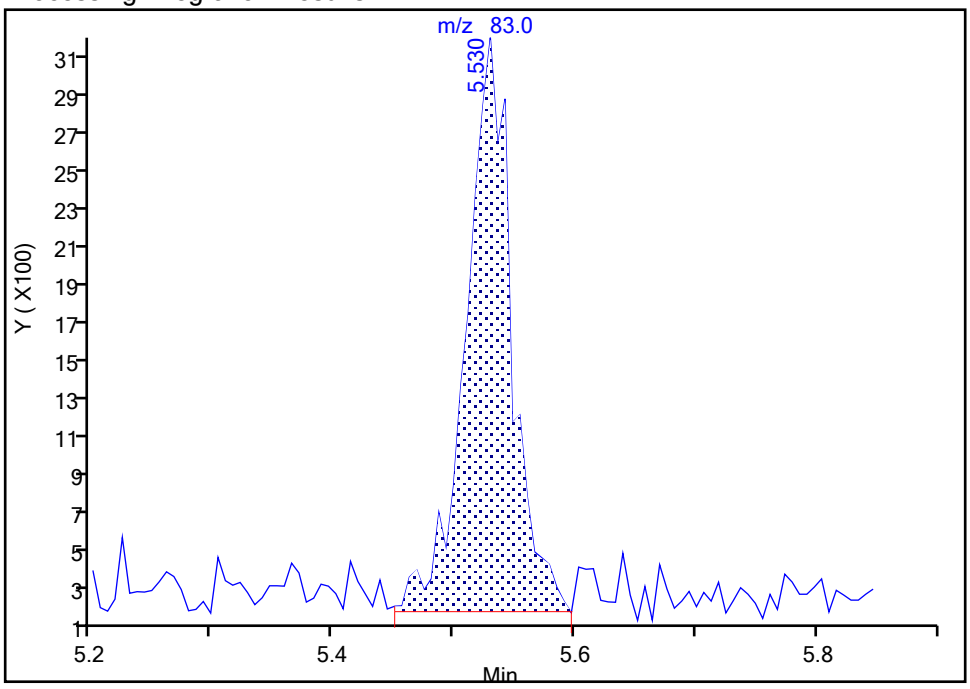
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

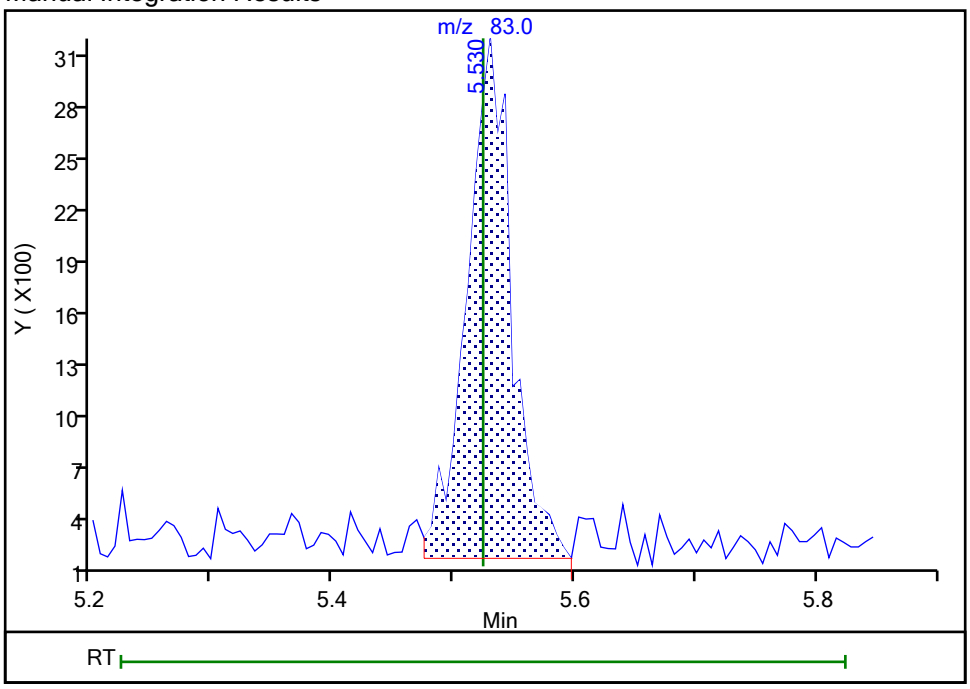
Processing Integration Results

RT: 5.53
Area: 7733
Amount: 1.484933
Amount Units: ug/l



Manual Integration Results

RT: 5.53
Area: 7578
Amount: 1.199249
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:47:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

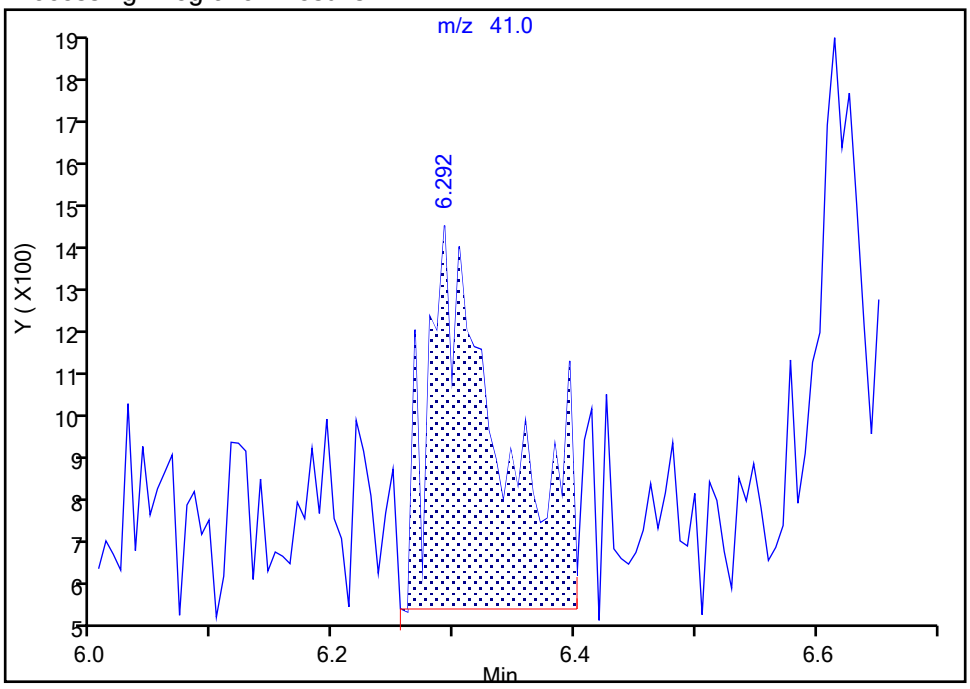
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

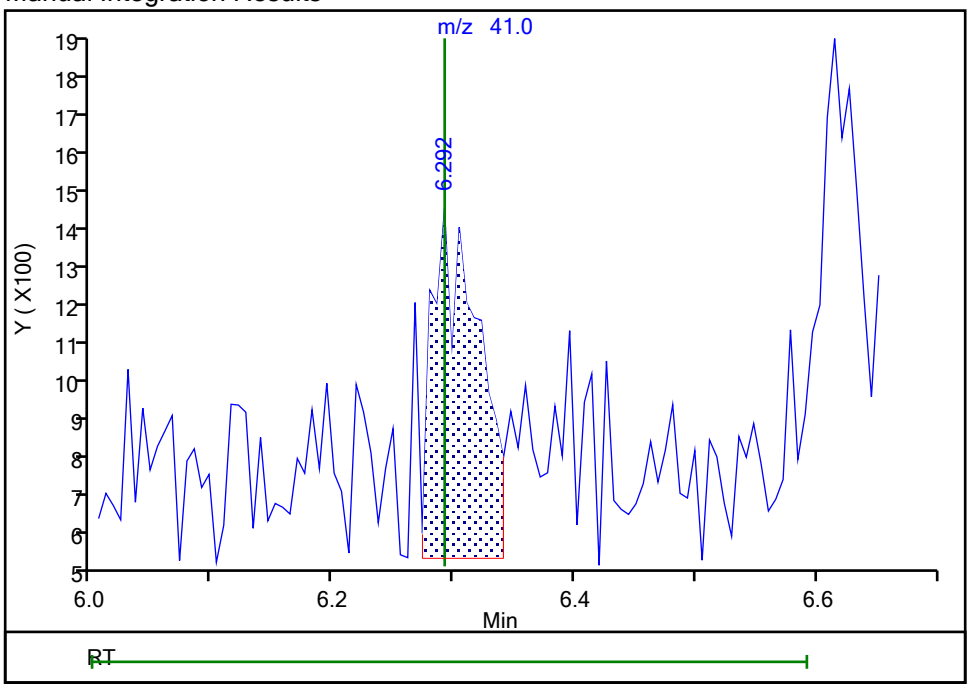
Processing Integration Results

RT: 6.29
Area: 3446
Amount: 8.162056
Amount Units: ug/l



Manual Integration Results

RT: 6.29
Area: 2223
Amount: 5.266686
Amount Units: ug/l



Reviewer: W9CM, 12-May-2024 12:52:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-May-2024 09:28:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0175641-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:43 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.299	1.299	0.000	0	342	5.00	5.91	M
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	65	7000	5.00	4.78	a
2 1,1-Difluoroethane	65	1.378	1.366	0.012	96	12190	5.00	5.79	
4 Dichlorodifluoromethane	85	1.397	1.391	0.006	97	20917	5.00	4.62	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	97	3952	5.00	5.58	
6 Chloromethane	50	1.555	1.549	0.006	99	23366	5.00	5.34	
7 Vinyl chloride	62	1.647	1.641	0.006	98	21668	5.00	5.35	
8 Butadiene	54	1.647	1.641	0.006	93	18521	5.00	4.89	
9 Bromomethane	94	1.909	1.897	0.012	99	13594	5.00	5.29	
10 Chloroethane	64	1.976	1.964	0.012	97	13227	5.00	5.85	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	87	35353	5.00	4.79	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	52	22673	5.00	4.63	
13 Pentane	72	2.165	2.159	0.006	96	7153	10.0	10.6	
14 Ethanol	46	2.329	2.329	0.000	76	2579	200.0	237.8	M
15 Ethyl ether	74	2.342	2.336	0.006	91	9005	5.00	4.82	
16 2-Methyl-1,3-butadiene	53	2.366	2.360	0.006	96	18589	5.00	5.45	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.403	2.390	0.013	86	16940	5.00	4.91	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	92	27665	5.00	5.16	
19 Acrolein	56	2.512	2.500	0.012	91	8718	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	92	17483	5.00	5.02	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	98	18411	5.00	5.27	
22 Acetone	43	2.616	2.616	0.000	89	14344	25.0	23.4	
23 Iodomethane	142	2.689	2.683	0.006	98	30357	5.00	4.70	
25 Isopropyl alcohol	45	2.707	2.695	0.012	30	6043	50.0	51.6	
24 Carbon disulfide	76	2.720	2.714	0.006	99	70295	5.00	5.24	
26 3-Chloro-1-propene	76	2.842	2.835	0.007	93	10669	5.00	4.49	
27 Methyl acetate	43	2.854	2.848	0.006	55	14850	10.0	10.4	
28 Cyclopentene	67	2.866	2.860	0.006	94	40544	5.00	5.09	
29 Acetonitrile	41	2.902	2.902	0.000	94	12455	50.0	50.0	
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	29764	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.963	2.957	0.006	87	19474	5.00	4.98	
32 2-Methyl-2-propanol	59	3.018	3.012	0.006	91	9911	50.0	52.4	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	96	42824	5.00	5.18	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	19577	5.00	5.00	
35 Acrylonitrile	53	3.207	3.201	0.006	94	36387	50.0	48.1	
36 Hexane	57	3.293	3.293	0.000	92	25894	5.00	5.26	
37 Isopropyl ether	45	3.494	3.488	0.006	95	62027	5.00	5.26	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	73	34089	5.00	5.19	
39 Vinyl acetate	86	3.530	3.524	0.006	100	5212	10.0	10.3	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	90	16209	5.00	4.93	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	90	51650	5.00	5.04	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	181768	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	53	7270	5.00	5.24	a
44 cis-1,2-Dichloroethene	96	4.018	4.024	-0.006	96	20820	5.00	5.09	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	95	5494	25.0	24.0	
46 Ethyl acetate	70	4.049	4.036	0.013	96	2843	10.0	11.2	
47 Methyl acrylate	55	4.091	4.085	0.006	99	10369	5.00	5.92	
48 Propionitrile	54	4.158	4.164	-0.006	99	13060	50.0	49.7	
50 Tetrahydrofuran	72	4.231	4.232	-0.001	61	2849	10.0	11.2	
49 Chlorobromomethane	128	4.244	4.238	0.006	92	8619	5.00	5.01	
51 Methacrylonitrile	67	4.268	4.262	0.006	92	39899	50.0	49.2	
52 Chloroform	83	4.292	4.292	0.000	97	30559	5.00	5.10	
53 Cyclohexane	84	4.427	4.427	0.000	92	27328	5.00	5.08	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	73	25613	5.00	4.99	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	152539	50.0	50.3	
56 Carbon tetrachloride	117	4.555	4.555	0.000	98	22297	5.00	4.91	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	25412	5.00	5.26	
58 Isobutyl alcohol	43	4.695	4.695	0.000	72	9763	125.0	117.5	a
59 Isooctane	57	4.744	4.744	0.000	98	60879	5.00	4.93	
60 Benzene	78	4.774	4.774	0.000	96	72188	5.00	5.25	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	143643	50.0	49.3	
63 Isopropyl acetate	61	4.841	4.835	0.006	80	6552	5.00	4.91	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	94	45408	5.00	5.20	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	17557	5.00	4.98	
65 n-Heptane	100	4.926	4.926	0.000	93	4437	5.00	4.63	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	98	623014	50.0	50.0	
67 n-Butanol	56	5.359	5.347	0.012	84	6322	125.0	139.5	a
68 Trichloroethene	95	5.396	5.402	-0.006	97	17324	5.00	4.81	
69 Methylcyclohexane	83	5.524	5.524	0.000	84	30097	5.00	4.85	
70 Ethyl acrylate	99	5.530	5.530	0.000	93	2898	5.00	8.55	
71 1,2-Dichloropropane	63	5.689	5.682	0.006	93	17374	5.00	4.81	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	17967	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	88	5353	10.0	9.20	
75 1,4-Dioxane	88	5.792	5.786	0.006	40	1847	100.0	90.8	
74 Dibromomethane	93	5.810	5.810	0.000	91	8040	5.00	5.06	
76 n-Propyl acetate	43	5.823	5.817	0.006	98	14057	5.00	5.11	
77 Dichlorobromomethane	83	5.957	5.957	0.000	100	20169	5.00	4.80	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	82	7569	5.01	4.88	
78 2-Nitropropane	41	6.292	6.292	0.000	81	6932	10.0	16.7	
80 Epichlorohydrin	57	6.402	6.396	0.006	98	18455	100.0	108.2	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	91	26264	5.00	5.11	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	97	19562	25.0	25.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	587472	50.0	51.1	
84 Toluene	91	6.774	6.774	0.000	93	74134	5.00	5.18	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	96	20105	5.00	5.11	
86 Ethyl methacrylate	69	7.158	7.158	0.000	90	16696	5.00	5.09	
87 1,1,2-Trichloroethane	83	7.335	7.328	0.007	96	9672	5.00	5.19	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	16841	5.00	4.85	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	18971	5.00	5.13	
90 2-Hexanone	43	7.603	7.603	0.000	97	28807	25.0	24.5	
91 n-Butyl acetate	43	7.725	7.725	0.000	98	16633	5.00	5.31	
92 Chlorodibromomethane	129	7.767	7.761	0.006	96	13017	5.00	4.89	
93 Ethylene Dibromide	107	7.920	7.914	0.006	96	10388	5.00	4.94	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	430888	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	43316	5.00	5.09	
96 Ethylbenzene	106	8.603	8.603	0.000	99	23761	5.00	4.93	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	94	16724	5.00	4.97	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	29258	5.00	4.93	
100 n-Butyl acrylate	73	9.267	9.273	-0.006	65	10039	5.00	5.09	
99 o-Xylene	106	9.273	9.279	-0.006	93	31480	5.00	5.14	
101 Styrene	104	9.310	9.310	0.000	96	48351	5.00	5.00	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	91	22938	5.00	5.58	
102 Bromoform	173	9.554	9.548	0.006	59	7982	5.00	4.95	
104 Isopropylbenzene	105	9.700	9.700	0.000	96	72302	5.00	5.14	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	92	174965	50.0	49.3	
106 Bromobenzene	156	10.066	10.066	0.000	98	17409	5.00	4.90	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	98	12479	5.00	5.13	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	94746	5.00	5.37	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	3311	5.00	4.93	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	64	2749	5.00	4.97	a
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	64801	5.00	5.31	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	77631	5.00	5.30	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	63766	5.00	5.13	
114 4-Chlorotoluene	91	10.389	10.383	0.006	98	58177	5.00	5.33	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	21450	5.00	4.98	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	50291	5.00	4.95	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	66812	5.00	5.18	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	81978	5.00	5.12	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	35899	5.00	5.20	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	70513	5.00	5.14	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	217055	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	34780	5.00	5.20	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	69180	5.00	5.17	
124 Benzyl chloride	91	11.230	11.230	0.000	98	28112	5.00	5.43	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	62928	5.00	5.23	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	45721	5.00	5.28	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	39350	5.00	5.40	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	31986	5.00	5.02	
129 1,2,4,5-Tetramethylbenzene	119	12.017	12.023	-0.006	98	67254	5.00	5.20	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	94	2283	5.00	5.88	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	29459	5.00	4.96	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	93	22909	5.00	4.77	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	97	14135	5.00	4.63	
134 Naphthalene	128	12.907	12.907	0.000	99	33830	5.00	4.84	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.090	13.090	0.000	95	17545	5.00	4.65	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.2	
S 140 Total BTEX	1				0		25.0	25.4	

QC Flag Legend

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

Reagents:

524FREONS_00018	Amount Added:	10.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	10.00	Units: uL	
GASES Li_00582	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:43 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D

Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17

Lims ID: STD5

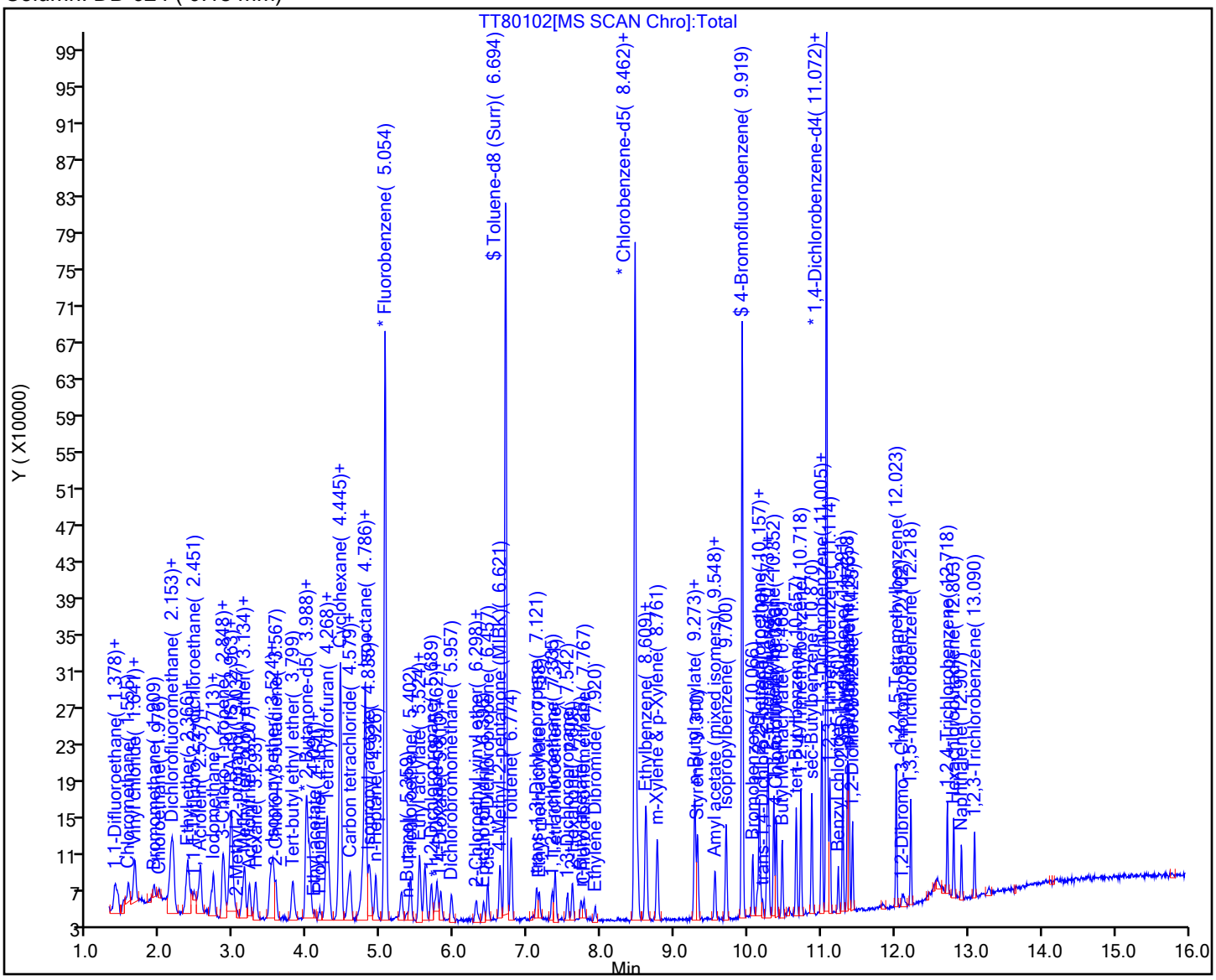
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison

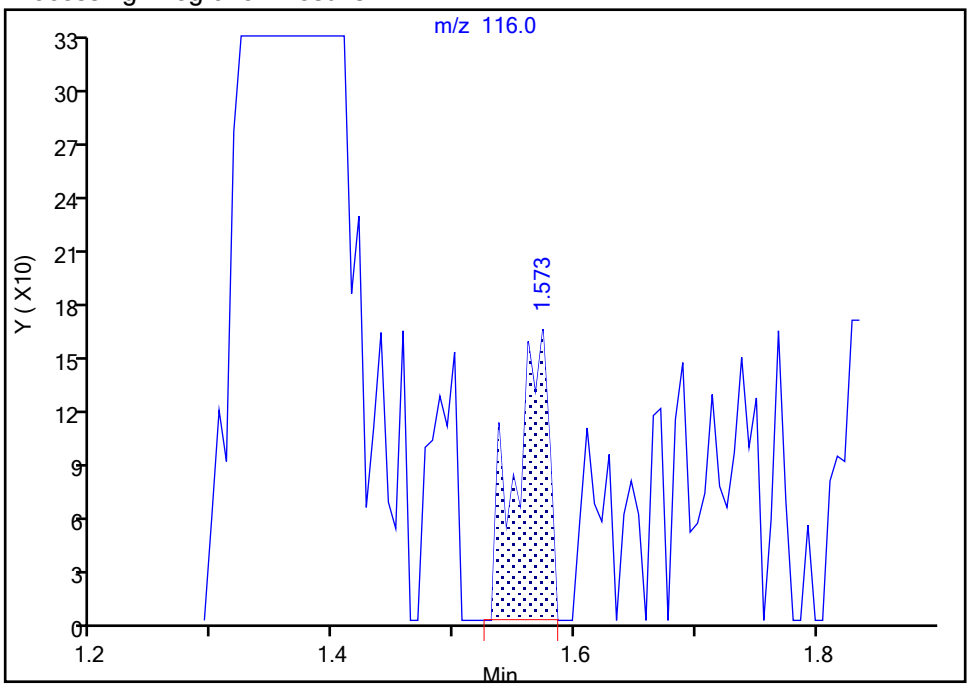
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

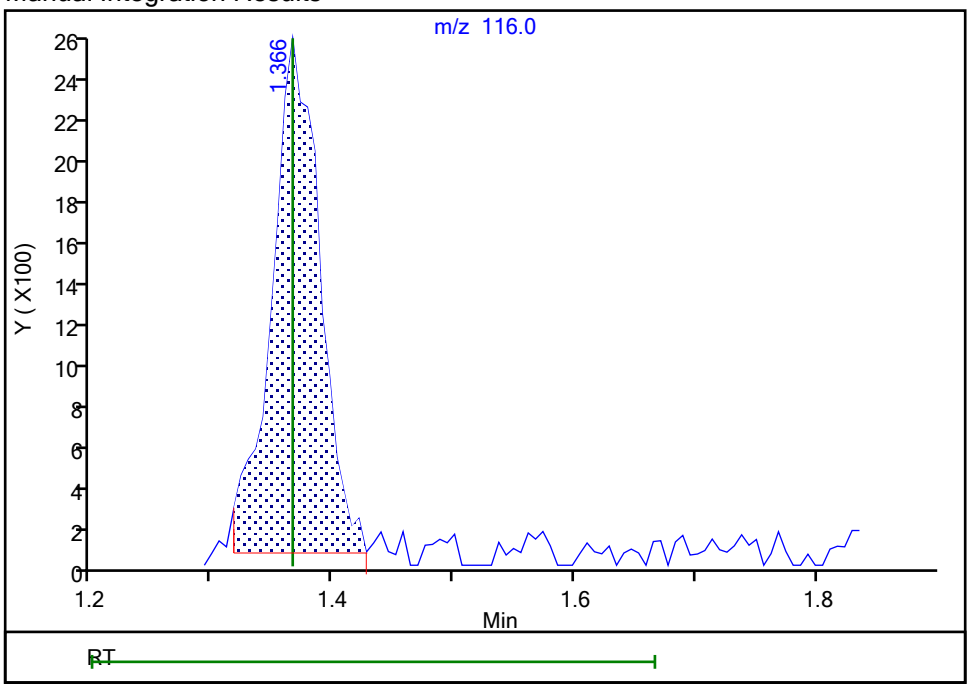
Processing Integration Results

RT: 1.57
Area: 312
Amount: 0.356018
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 7000
Amount: 4.782441
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:04:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

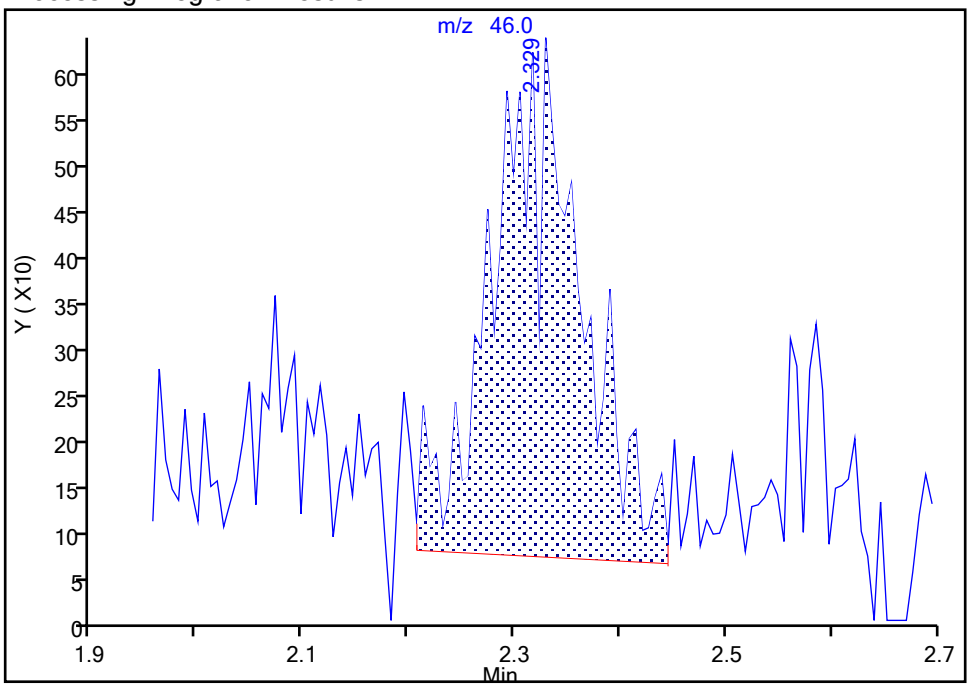
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

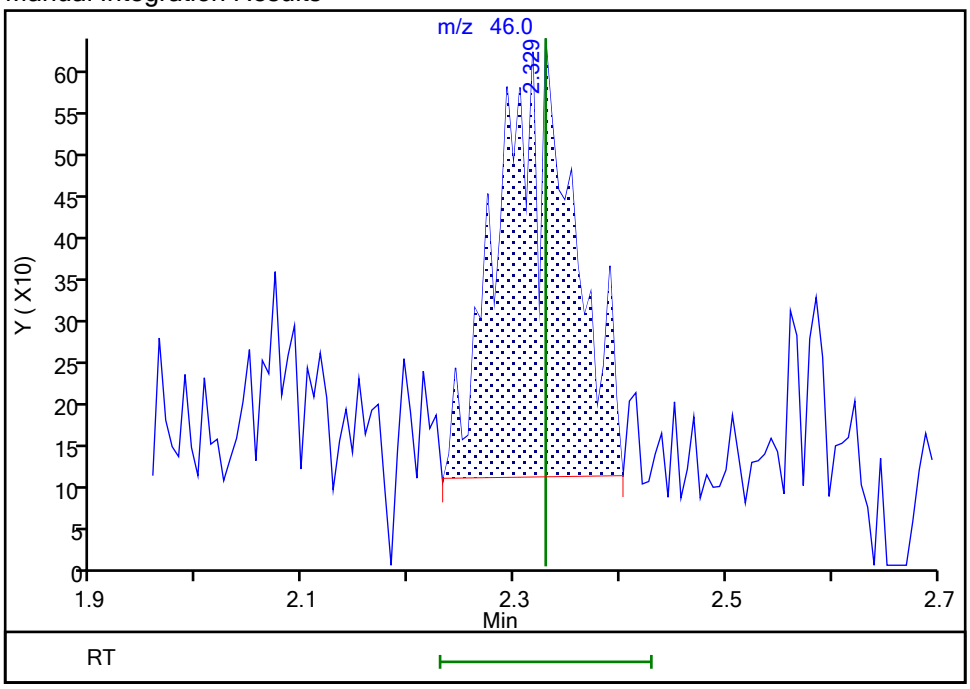
Processing Integration Results

RT: 2.33
Area: 3323
Amount: 282.9973
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 2579
Amount: 237.8083
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:01:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

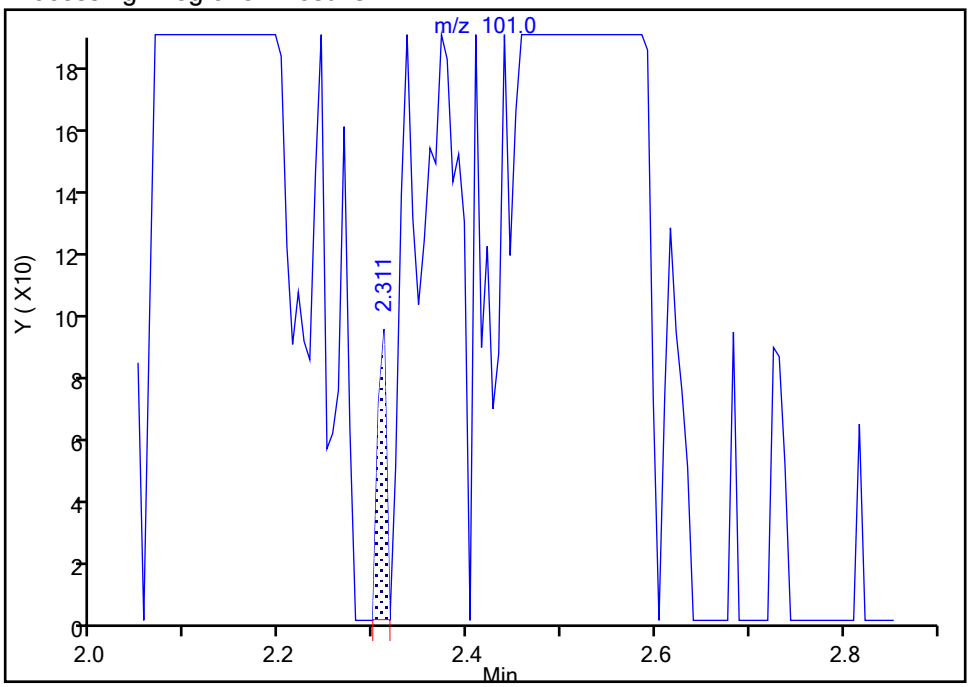
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

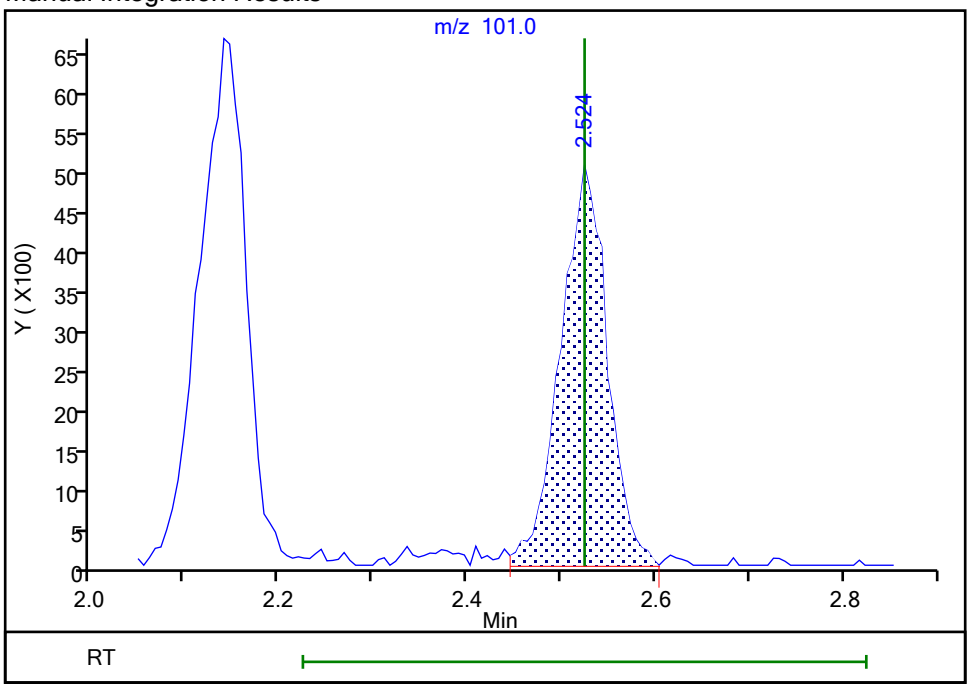
Processing Integration Results

RT: 2.31
Area: 61
Amount: 0.019561
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 17483
Amount: 5.017126
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:31:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

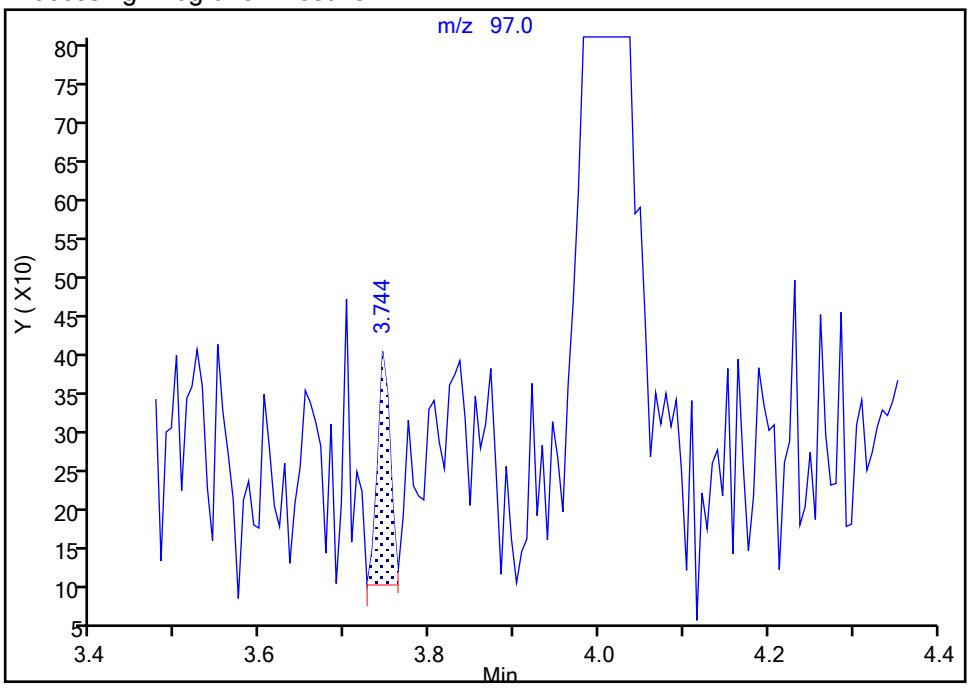
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

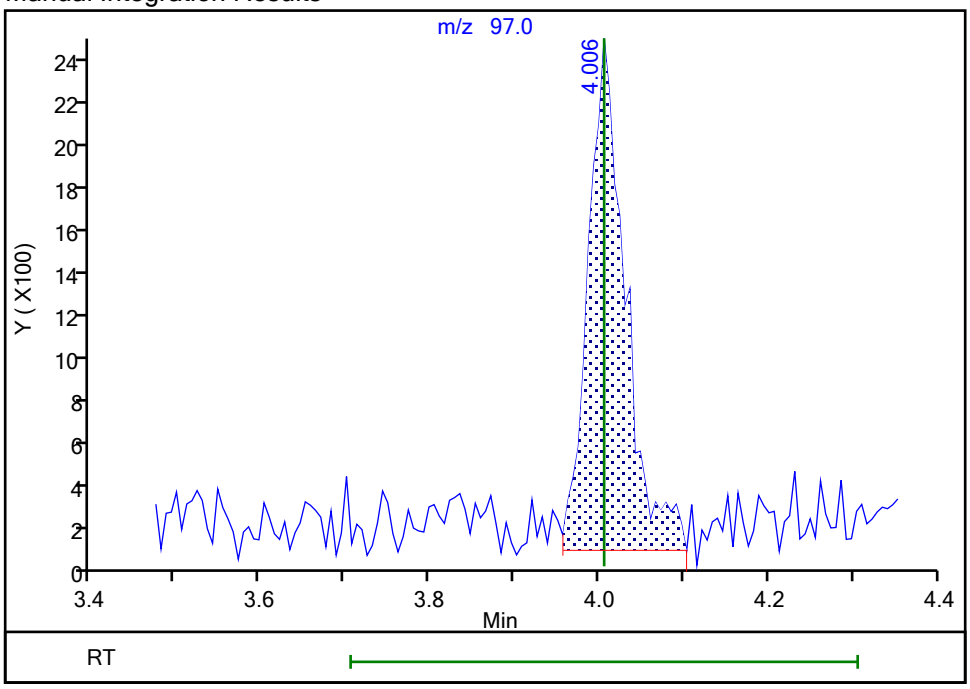
Processing Integration Results

RT: 3.74
Area: 312
Amount: 0.730523
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 7270
Amount: 5.243575
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

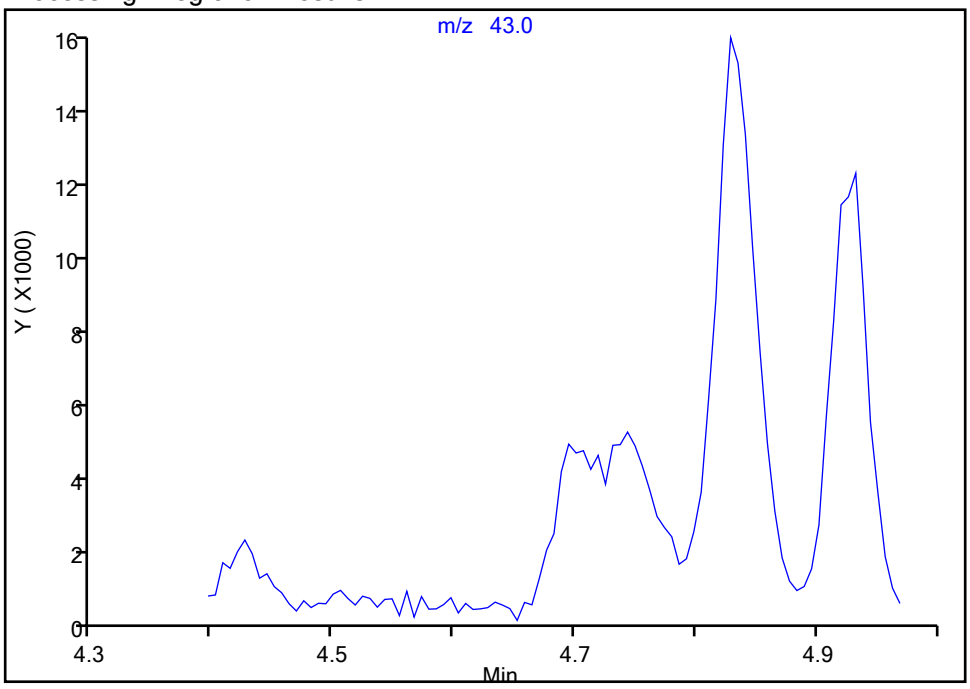
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

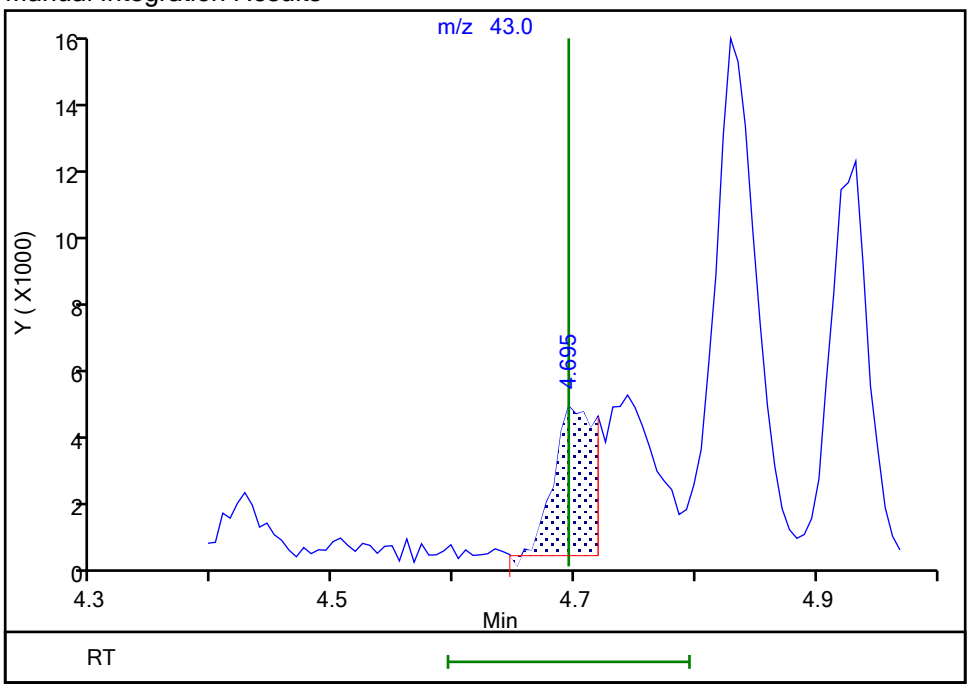
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 9763
Amount: 117.4823
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

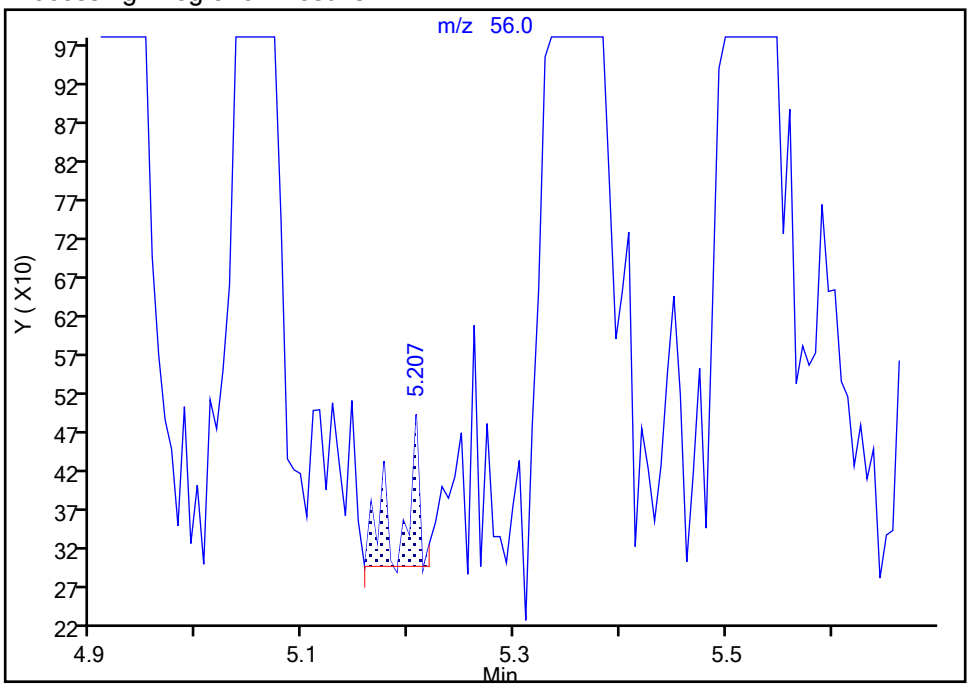
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

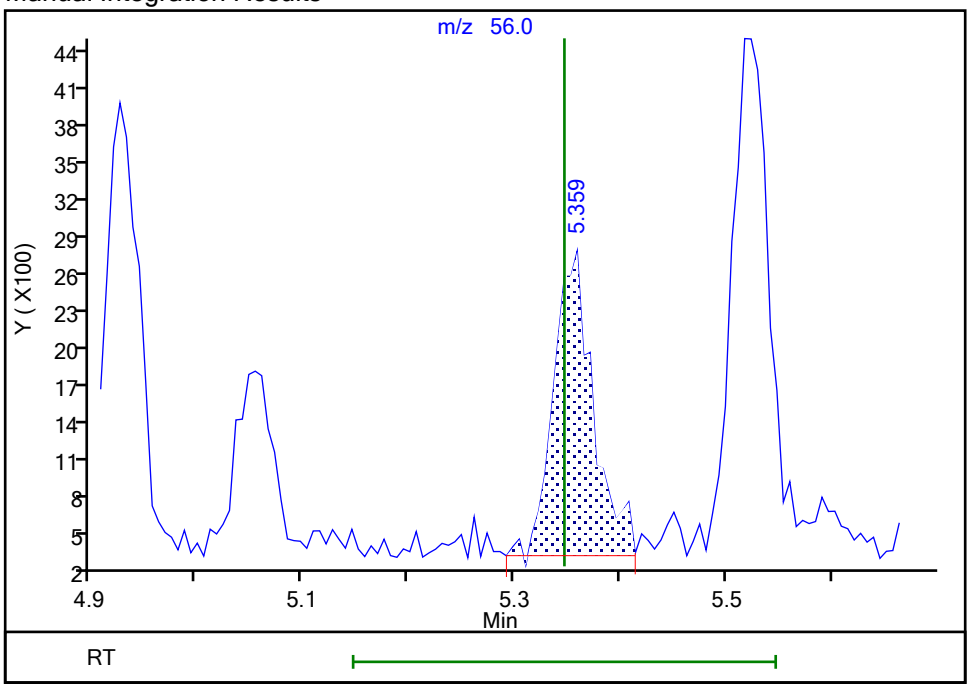
Processing Integration Results

RT: 5.21
Area: 210
Amount: 3.779733
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 6322
Amount: 139.5335
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

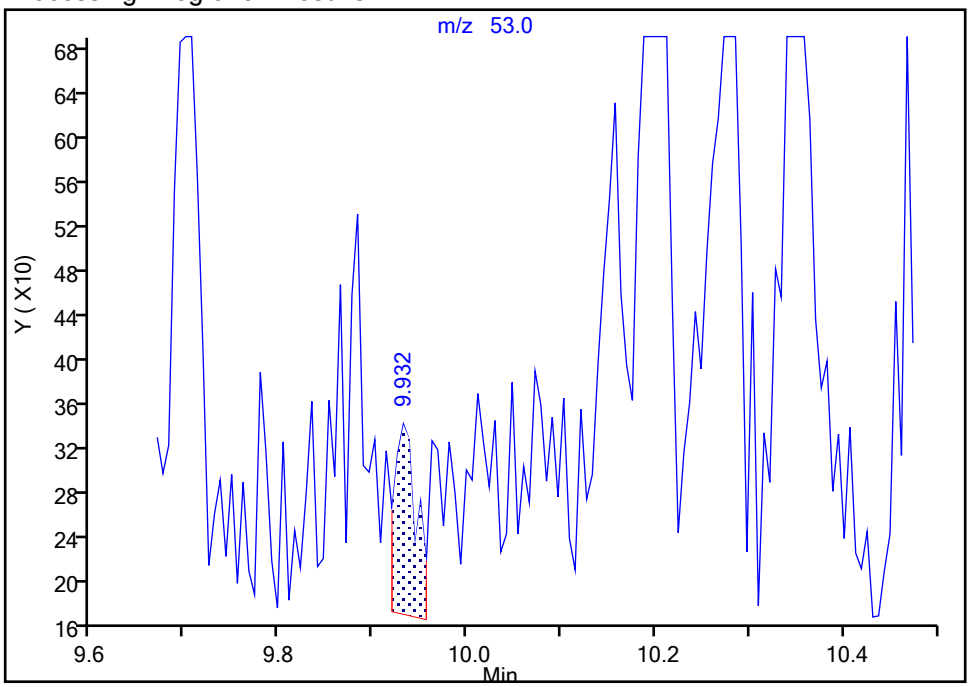
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

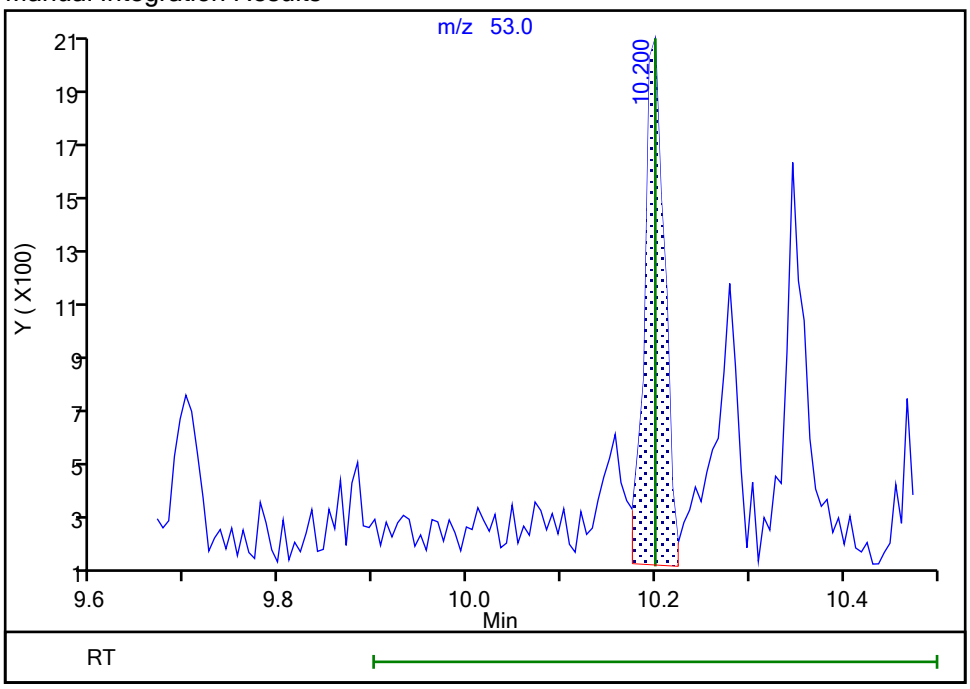
Processing Integration Results

RT: 9.93
Area: 287
Amount: 0.677486
Amount Units: ug/l



Manual Integration Results

RT: 10.20
Area: 2749
Amount: 4.969962
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:04:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 09-May-2024 09:47:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0175641-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: W9CM Date: 12-May-2024 12:41:31

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.299	1.299	0.000	37	815	20.0	14.8	M
3	Chlorotrifluoroethene	116	1.366	1.366	0.000	58	22525	20.0	16.2	
2	1,1-Difluoroethane	65	1.366	1.366	0.000	95	40177	20.0	20.1	
4	Dichlorodifluoromethane	85	1.391	1.391	0.000	90	83858	20.0	19.5	
5	Chlorodifluoromethane	67	1.409	1.409	0.000	97	13249	20.0	19.7	
6	Chloromethane	50	1.549	1.549	0.000	99	93842	20.0	22.6	
7	Vinyl chloride	62	1.641	1.641	0.000	98	88204	20.0	22.9	
8	Butadiene	54	1.641	1.641	0.000	92	76321	20.0	21.2	
9	Bromomethane	94	1.897	1.897	0.000	97	58415	20.0	23.9	
10	Chloroethane	64	1.964	1.964	0.000	99	48874	20.0	22.7	
11	Dichlorofluoromethane	67	2.134	2.134	0.000	98	147674	20.0	21.0	
12	Trichlorofluoromethane	101	2.140	2.140	0.000	68	90999	20.0	19.5	
13	Pentane	72	2.159	2.159	0.000	96	27372	40.0	42.8	
14	Ethanol	46	2.329	2.329	0.000	71	8447	800.0	820.4	M
15	Ethyl ether	74	2.336	2.336	0.000	94	36675	20.0	20.6	
16	2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	97	69170	20.0	21.3	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.390	2.390	0.000	96	60831	20.0	18.5	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	89	98163	20.0	19.2	
19	Acrolein	56	2.500	2.500	0.000	93	15747	40.0	41.0	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.525	2.525	0.000	89	67163	20.0	20.3	a
21	1,1-Dichloroethene	96	2.537	2.537	0.000	97	70813	20.0	21.3	
22	Acetone	43	2.616	2.616	0.000	87	51285	100.0	84.3	
23	Iodomethane	142	2.683	2.683	0.000	96	131648	20.0	21.4	
25	Isopropyl alcohol	45	2.695	2.695	0.000	37	23462	200.0	211.1	
24	Carbon disulfide	76	2.714	2.714	0.000	99	283462	20.0	22.2	
26	3-Chloro-1-propene	76	2.835	2.835	0.000	94	49576	20.0	21.9	
27	Methyl acetate	43	2.848	2.848	0.000	57	59547	40.0	43.7	
28	Cyclopentene	67	2.860	2.860	0.000	93	167258	20.0	22.1	
29	Acetonitrile	41	2.902	2.902	0.000	90	59796	200.0	242.3	a
* 31	TBA-d9 (IS)	66	2.951	2.951	0.000	0	28257	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	94	79649	20.0	21.4	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	96	39331	200.0	219.0	
33 Methyl tert-butyl ether	73	3.110	3.110	0.000	98	166074	20.0	21.1	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	96	78978	20.0	21.2	
35 Acrylonitrile	53	3.201	3.201	0.000	96	150672	200.0	209.4	
36 Hexane	57	3.293	3.293	0.000	93	98814	20.0	21.1	
37 Isopropyl ether	45	3.488	3.488	0.000	97	249315	20.0	22.2	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	98	141436	20.0	22.6	
39 Vinyl acetate	86	3.524	3.524	0.000	100	21448	40.0	42.7	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	91	64229	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.793	3.793	0.000	89	213469	20.0	21.9	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	180074	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	95	26973	20.0	20.4	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	98	79837	20.0	20.5	
45 2-Butanone (MEK)	72	4.030	4.030	0.000	96	21102	100.0	93.0	
46 Ethyl acetate	70	4.036	4.036	0.000	95	9565	40.0	38.1	
47 Methyl acrylate	55	4.085	4.085	0.000	99	36885	20.0	22.1	
48 Propionitrile	54	4.164	4.164	0.000	98	51836	200.0	208.0	
50 Tetrahydrofuran	72	4.232	4.232	0.000	63	9343	40.0	37.0	
49 Chlorobromomethane	128	4.238	4.238	0.000	91	32865	20.0	20.1	
51 Methacrylonitrile	67	4.262	4.262	0.000	91	169187	200.0	219.5	
52 Chloroform	83	4.292	4.292	0.000	99	123395	20.0	21.7	
53 Cyclohexane	84	4.427	4.427	0.000	92	105762	20.0	20.7	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	95	104326	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	144383	50.0	50.0	
56 Carbon tetrachloride	117	4.555	4.555	0.000	98	87741	20.0	20.3	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	96206	20.0	20.9	
58 Isobutyl alcohol	43	4.695	4.695	0.000	95	39146	500.0	496.2	
59 Isooctane	57	4.744	4.744	0.000	98	243743	20.0	20.7	
60 Benzene	78	4.774	4.774	0.000	96	292377	20.0	22.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	139122	50.0	50.2	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	26175	20.0	20.6	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	91	176351	20.0	21.2	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	69886	20.0	20.9	
65 n-Heptane	100	4.926	4.926	0.000	93	16675	20.0	20.2	
* 66 Fluorobenzene	96	5.055	5.055	0.000	98	592819	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	26676	500.0	619.0	
68 Trichloroethene	95	5.402	5.402	0.000	99	69805	20.0	20.4	
69 Methylcyclohexane	83	5.524	5.524	0.000	85	117608	20.0	19.9	
70 Ethyl acrylate	99	5.530	5.530	0.000	95	8181	20.0	25.2	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	93	71536	20.0	20.8	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	16405	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	91	21449	40.0	38.7	
75 1,4-Dioxane	88	5.786	5.786	0.000	80	7662	400.0	412.5	
74 Dibromomethane	93	5.810	5.810	0.000	96	31348	20.0	20.7	
76 n-Propyl acetate	43	5.817	5.817	0.000	98	54377	20.0	20.8	
77 Dichlorobromomethane	83	5.957	5.957	0.000	100	81359	20.0	20.3	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	81	30139	20.0	20.4	
78 2-Nitropropane	41	6.292	6.292	0.000	78	20504	40.0	51.8	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	71598	400.0	424.5	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	92	105439	20.0	21.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	96	76738	100.0	99.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	100	561750	50.0	50.8	
84 Toluene	91	6.774	6.774	0.000	93	291519	20.0	21.2	
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	97	81580	20.0	21.6	
86 Ethyl methacrylate	69	7.158	7.158	0.000	89	66295	20.0	21.0	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	39692	20.0	22.2	
88 Tetrachloroethene	166	7.377	7.377	0.000	98	67302	20.0	20.1	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	95	76782	20.0	21.6	
90 2-Hexanone	43	7.603	7.603	0.000	96	114385	100.0	98.2	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	64147	20.0	21.3	
92 Chlorodibromomethane	129	7.761	7.761	0.000	98	51865	20.0	20.3	
93 Ethylene Dibromide	107	7.914	7.914	0.000	98	39892	20.0	19.7	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	414333	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	174882	20.0	21.4	
96 Ethylbenzene	106	8.603	8.603	0.000	99	100322	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	95	66124	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	124851	20.0	21.9	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	41763	20.0	22.0	
99 o-Xylene	106	9.279	9.279	0.000	94	126476	20.0	21.5	
101 Styrene	104	9.310	9.310	0.000	96	199650	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	90	88216	20.0	22.1	
102 Bromoform	173	9.548	9.548	0.000	58	31192	20.0	20.1	
104 Isopropylbenzene	105	9.700	9.700	0.000	96	293809	20.0	21.7	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	90	169111	50.0	49.5	
106 Bromobenzene	156	10.066	10.066	0.000	99	70376	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	51592	20.0	21.8	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	385040	20.0	22.4	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	12607	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	94	12423	20.0	23.1	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	258149	20.0	21.8	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	316367	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	266113	20.0	22.0	
114 4-Chlorotoluene	91	10.383	10.383	0.000	98	233811	20.0	22.0	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	90188	20.0	21.5	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	213363	20.0	21.6	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	277639	20.0	22.1	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	340634	20.0	21.9	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	94	141663	20.0	21.1	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	293026	20.0	22.0	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	211089	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	138333	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	286595	20.0	22.0	
124 Benzyl chloride	91	11.230	11.230	0.000	99	107482	20.0	21.4	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	259823	20.0	22.2	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	183771	20.0	21.8	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	155558	20.0	21.9	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	96	132584	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	280281	20.0	22.3	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	7589	20.0	20.1	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	98	122512	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	95754	20.0	20.5	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	97	60073	20.0	20.2	
134 Naphthalene	128	12.907	12.907	0.000	99	146487	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.090	13.090	0.000	95	74361	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	43.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	108.3	

QC Flag Legend

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

Reagents:

524FREONS_00018	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00582	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:50 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D

Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17

Lims ID: STD20

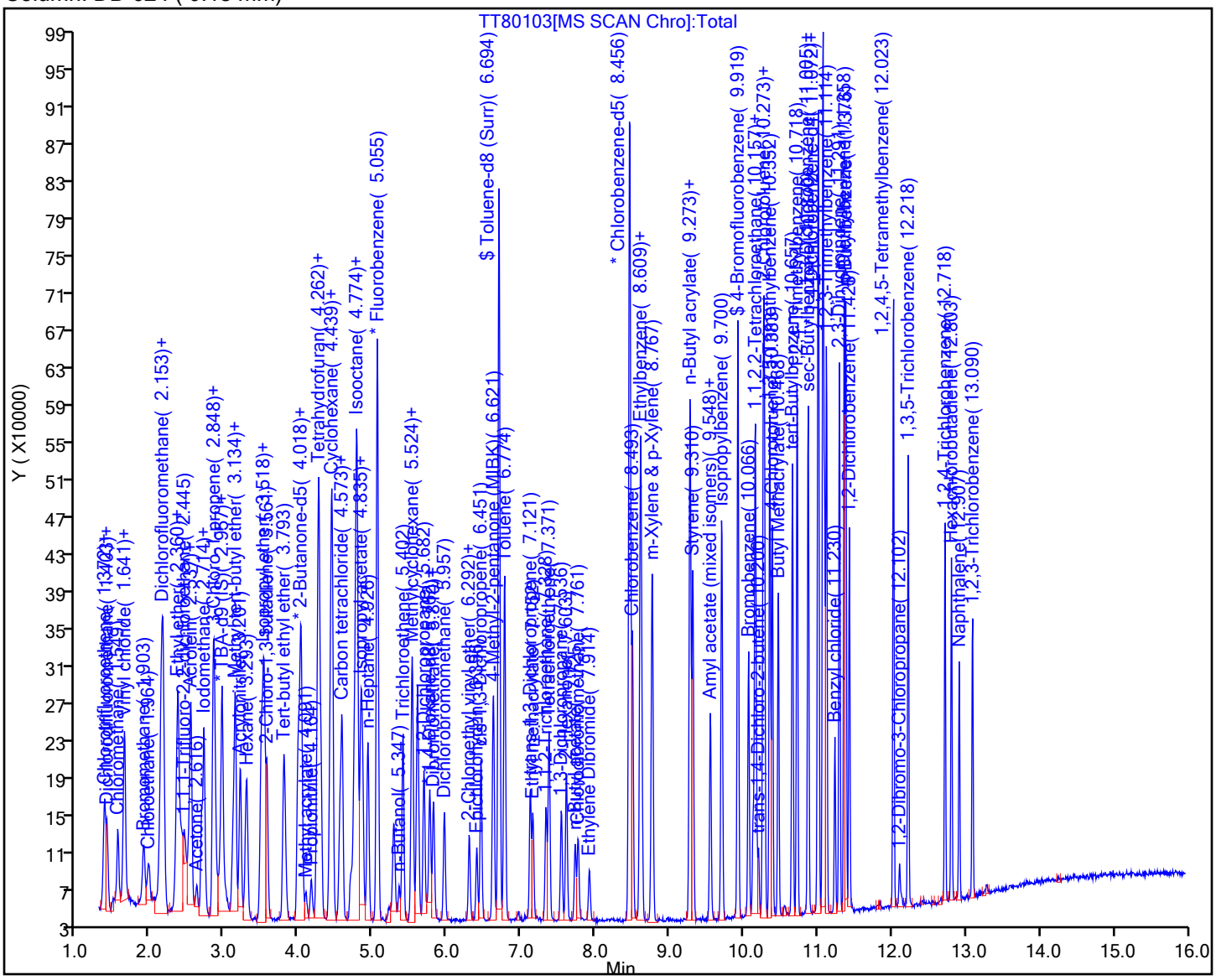
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

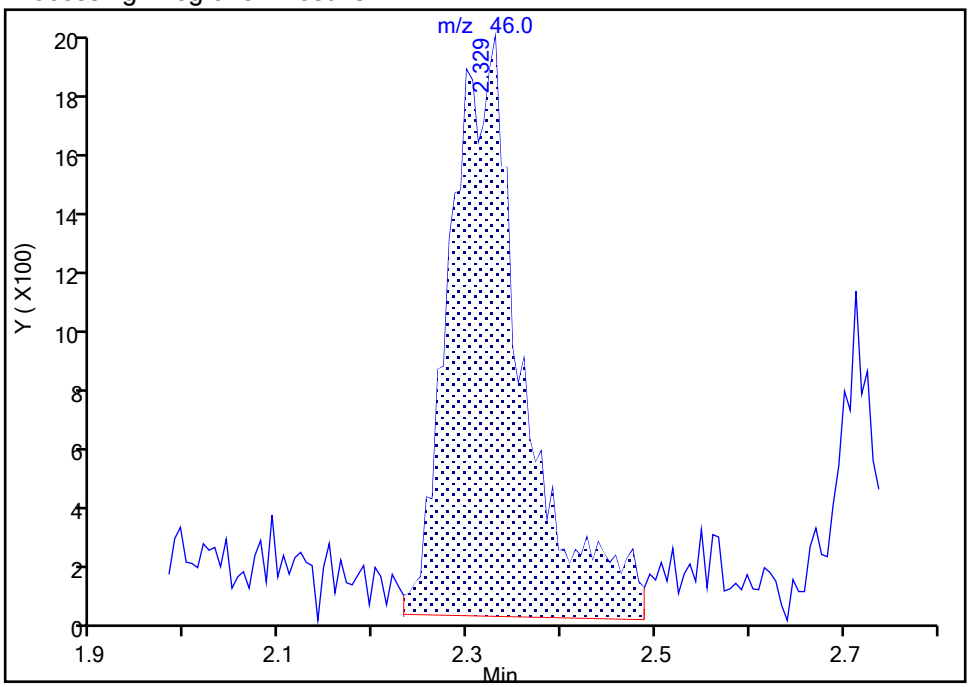
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

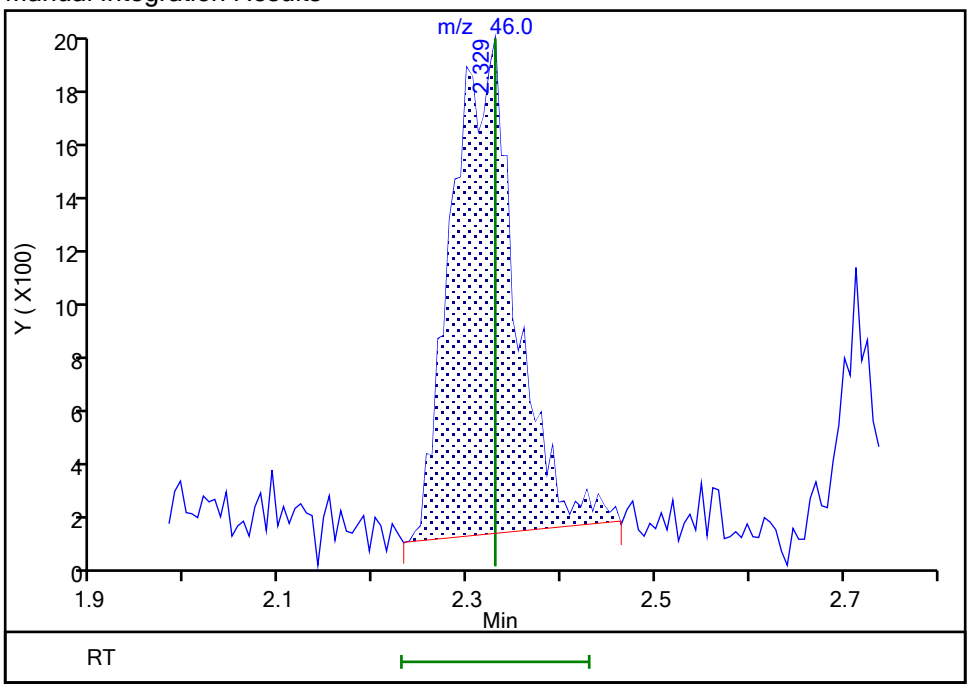
Processing Integration Results

RT: 2.33
Area: 10268
Amount: 939.5080
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 8447
Amount: 820.4335
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:03:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

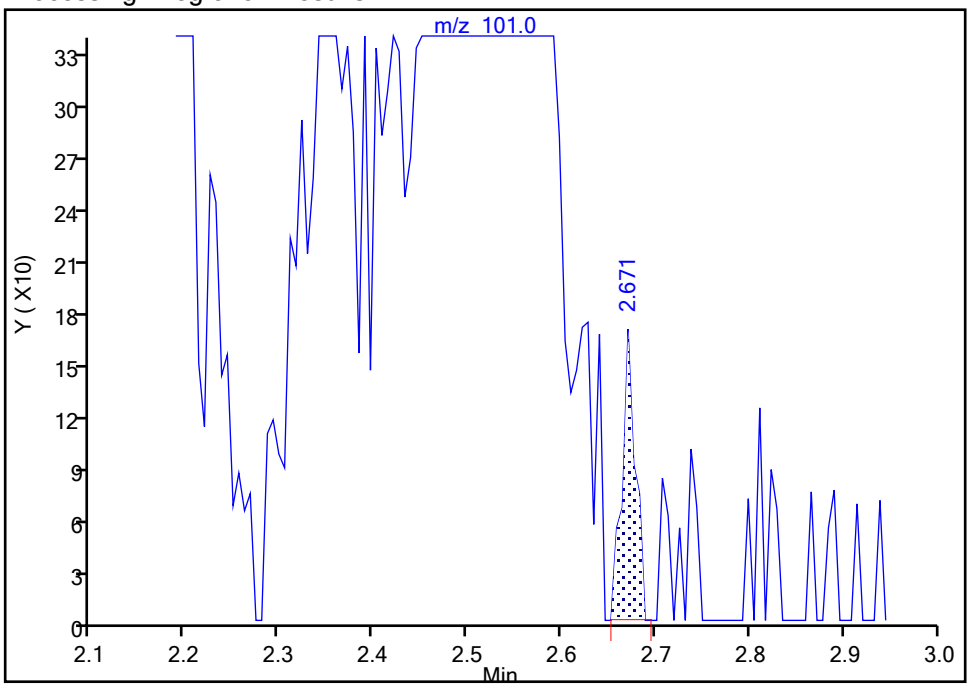
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

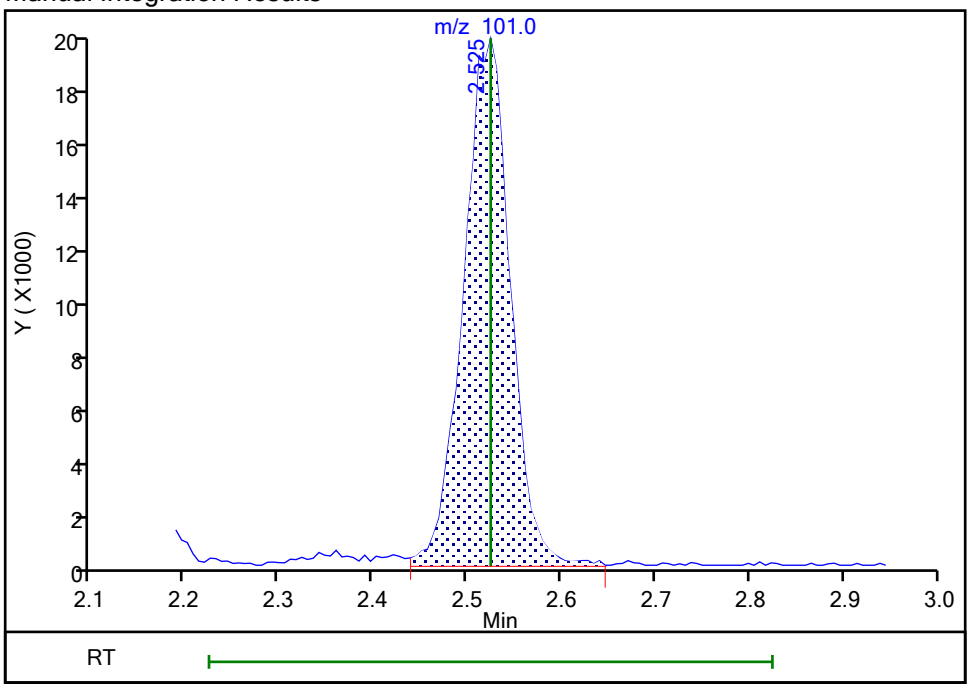
Processing Integration Results

RT: 2.67
Area: 166
Amount: 0.063167
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 67163
Amount: 20.255586
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:22:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

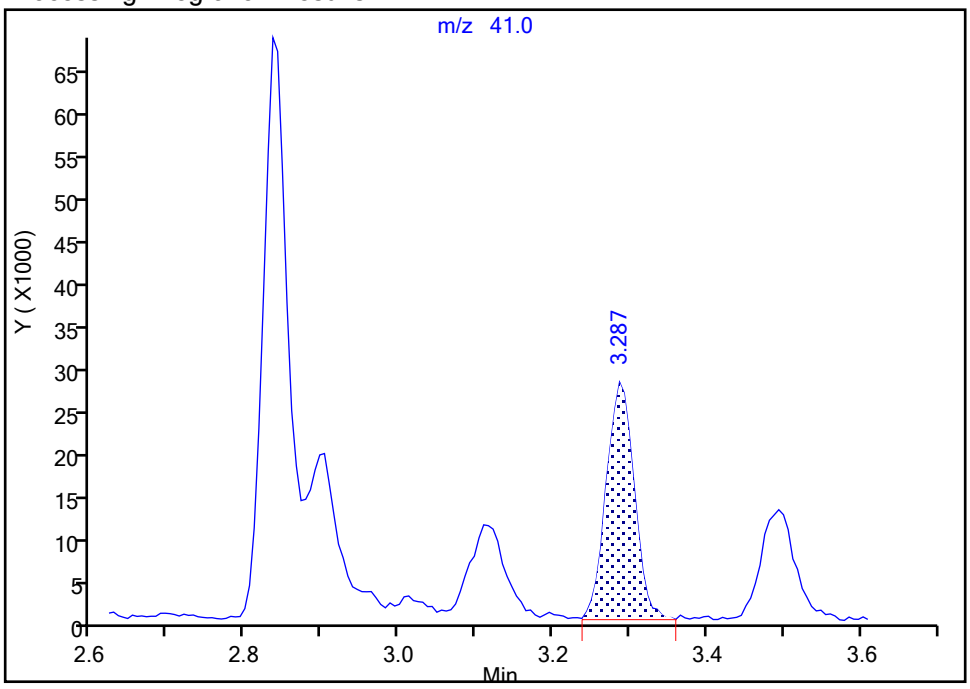
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

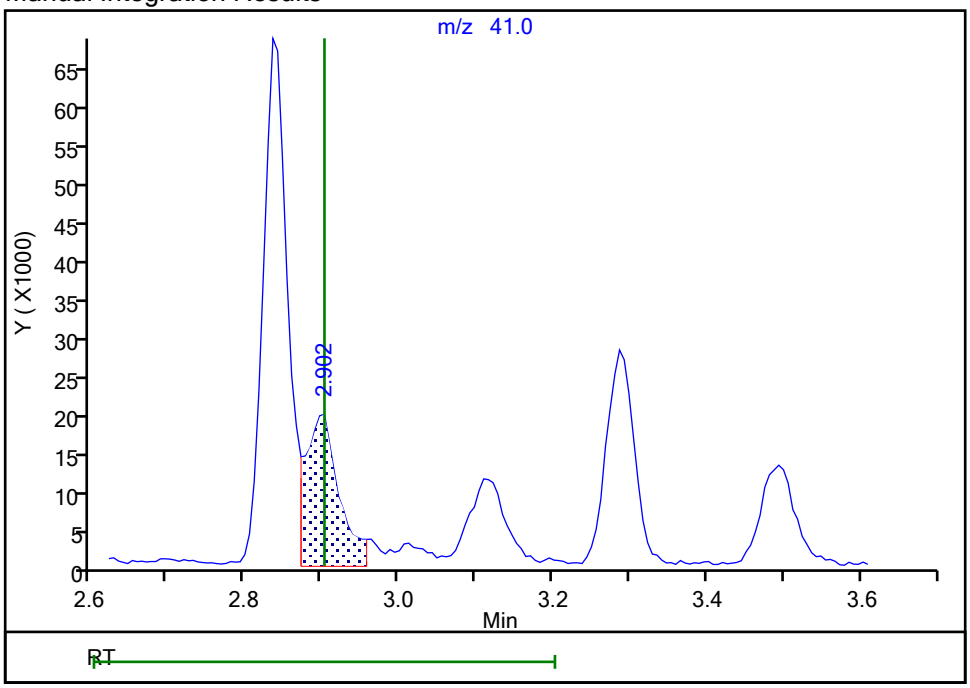
Processing Integration Results

RT: 3.29
Area: 69850
Amount: 94.080201
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 59796
Amount: 242.2929
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:22:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-May-2024 10:07:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0175641-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:56 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:29:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.293	1.299	-0.006	78	2609	50.0	47.1	M
3 Chlorotrifluoroethene	116	1.360	1.366	-0.006	66	78361	50.0	56.0	
2 1,1-Difluoroethane	65	1.366	1.366	0.000	97	108767	50.0	54.1	
4 Dichlorodifluoromethane	85	1.390	1.391	-0.001	99	250137	50.0	57.9	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	37832	50.0	55.9	
6 Chloromethane	50	1.549	1.549	0.000	99	221747	50.0	53.1	
7 Vinyl chloride	62	1.640	1.641	-0.001	98	213222	50.0	55.1	
8 Butadiene	54	1.640	1.641	-0.001	95	191438	50.0	52.9	
9 Bromomethane	94	1.903	1.897	0.006	99	129728	50.0	52.8	
10 Chloroethane	64	1.964	1.964	0.000	99	115242	50.0	53.3	
11 Dichlorofluoromethane	67	2.128	2.134	-0.006	99	386293	50.0	54.8	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	98	264463	50.0	56.5	
13 Pentane	72	2.159	2.159	0.000	97	70472	100.0	109.7	
14 Ethanol	46	2.311	2.329	-0.018	69	20858	2000.0	1980.5	M
15 Ethyl ether	74	2.335	2.336	-0.001	95	87863	50.0	49.2	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	95	172175	50.0	52.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.390	0.006	88	179551	50.0	54.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	90	284333	50.0	55.5	
19 Acrolein	56	2.500	2.500	0.000	95	34787	100.0	90.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.525	-0.007	97	180338	50.0	54.2	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	99	183079	50.0	54.8	
22 Acetone	43	2.616	2.616	0.000	88	122005	250.0	212.3	
23 Iodomethane	142	2.677	2.683	-0.006	96	341528	50.0	55.3	
25 Isopropyl alcohol	45	2.701	2.695	0.006	47	55353	500.0	486.8	
24 Carbon disulfide	76	2.713	2.714	-0.001	99	696139	50.0	54.3	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	99	124096	50.0	54.6	
27 Methyl acetate	43	2.841	2.848	-0.007	98	135402	100.0	99.0	
28 Cyclopentene	67	2.854	2.860	-0.006	94	412789	50.0	54.3	
29 Acetonitrile	41	2.896	2.902	-0.006	94	127234	500.0	545.5	a
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	28905	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	91	200527	50.0	53.6	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	99	94986	500.0	517.1	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	415102	50.0	52.5	
34 trans-1,2-Dichloroethene	96	3.134	3.140	-0.006	95	198564	50.0	53.1	
35 Acrylonitrile	53	3.201	3.201	0.000	95	356363	500.0	493.2	
36 Hexane	57	3.286	3.293	-0.007	92	254996	50.0	54.2	
37 Isopropyl ether	45	3.494	3.488	0.006	95	574436	50.0	51.0	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	334357	50.0	53.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	48947	100.0	103.2	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	164425	50.0	52.3	
41 Tert-butyl ethyl ether	59	3.792	3.793	-0.001	88	517224	50.0	52.8	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	170178	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	96	66874	50.0	50.5	
44 cis-1,2-Dichloroethene	96	4.018	4.024	-0.006	98	203967	50.0	52.2	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	50816	250.0	237.0	
46 Ethyl acetate	70	4.036	4.036	0.000	95	22340	100.0	94.2	
47 Methyl acrylate	55	4.091	4.085	0.006	99	87260	50.0	52.2	
48 Propionitrile	54	4.158	4.164	-0.006	99	124762	500.0	489.4	
50 Tetrahydrofuran	72	4.237	4.232	0.005	49	23073	100.0	96.6	a
49 Chlorobromomethane	128	4.237	4.238	-0.001	89	85275	50.0	51.8	
51 Methacrylonitrile	67	4.262	4.262	0.000	90	414065	500.0	534.8	
52 Chloroform	83	4.292	4.292	0.000	99	302200	50.0	52.8	
53 Cyclohexane	84	4.420	4.427	-0.007	91	275494	50.0	53.6	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	98	262649	50.0	53.5	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	146633	50.0	50.6	
56 Carbon tetrachloride	117	4.548	4.555	-0.007	99	227434	50.0	52.4	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	97	241480	50.0	52.3	
58 Isobutyl alcohol	43	4.695	4.695	0.000	95	94129	1250.0	1166.4	
59 Isooctane	57	4.743	4.744	-0.001	99	648638	50.0	55.0	
60 Benzene	78	4.774	4.774	0.000	97	725456	50.0	53.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	136849	50.0	49.1	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	64649	50.0	50.7	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	91	456189	50.0	54.6	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	170143	50.0	50.5	
65 n-Heptane	100	4.926	4.926	0.000	91	45156	50.0	55.4	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	595372	50.0	50.0	
67 n-Butanol	56	5.341	5.347	-0.006	87	58242	1250.0	1317.4	
68 Trichloroethene	95	5.396	5.402	-0.006	100	180554	50.0	52.5	
69 Methylcyclohexane	83	5.524	5.524	0.000	86	311783	50.0	52.5	
70 Ethyl acrylate	99	5.524	5.530	-0.006	96	19960	50.0	60.4	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	94	179967	50.0	52.2	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	21455	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	88	57088	100.0	102.6	
75 1,4-Dioxane	88	5.792	5.786	0.006	52	19808	1000.0	815.4	
74 Dibromomethane	93	5.810	5.810	0.000	95	80232	50.0	52.8	
76 n-Propyl acetate	43	5.816	5.817	-0.001	98	131452	50.0	50.0	
77 Dichlorobromomethane	83	5.957	5.957	0.000	99	202081	50.0	50.3	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	81	74229	50.1	50.1	
78 2-Nitropropane	41	6.292	6.292	0.000	77	44714	100.0	112.1	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	169992	1000.0	1070.1	
81 cis-1,3-Dichloropropene	75	6.450	6.451	-0.001	91	263613	50.0	51.5	
82 4-Methyl-2-pentanone (MIBK)	58	6.615	6.621	-0.006	95	194660	250.0	268.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	567438	50.0	49.5	
84 Toluene	91	6.774	6.774	0.000	93	739073	50.0	51.9	
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	97	201534	50.0	51.4	
86 Ethyl methacrylate	69	7.152	7.158	-0.006	89	166002	50.0	50.8	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	98587	50.0	53.1	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	182300	50.0	52.7	
89 1,3-Dichloropropane	76	7.536	7.542	-0.006	93	188654	50.0	51.2	
90 2-Hexanone	43	7.603	7.603	0.000	95	276015	250.0	250.8	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	154617	50.0	49.5	
92 Chlorodibromomethane	129	7.767	7.761	0.006	99	135038	50.0	50.9	
93 Ethylene Dibromide	107	7.914	7.914	0.000	98	106157	50.0	50.7	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	429288	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	457685	50.0	54.0	
96 Ethylbenzene	106	8.602	8.603	-0.001	98	256533	50.0	53.4	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	171086	50.0	51.0	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	316230	50.0	53.5	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	106772	50.0	54.3	
99 o-Xylene	106	9.279	9.279	0.000	94	317959	50.0	52.1	
101 Styrene	104	9.310	9.310	0.000	95	507099	50.0	52.7	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	212924	50.0	50.4	
102 Bromoform	173	9.547	9.548	-0.001	60	82815	50.0	51.5	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	747491	50.0	53.3	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	91	177733	50.0	50.2	
106 Bromobenzene	156	10.066	10.066	0.000	99	188338	50.0	51.7	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	128264	50.0	51.3	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	964825	50.0	53.3	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	31406	50.0	45.6	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	95	30131	50.0	53.1	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	653264	50.0	52.2	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	799273	50.0	53.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	680321	50.0	53.4	
114 4-Chlorotoluene	91	10.383	10.383	0.000	98	579575	50.0	51.7	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	240569	50.0	54.4	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	562056	50.0	53.9	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	704733	50.0	53.2	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	882913	50.0	53.7	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	369894	50.0	52.2	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	757860	50.0	53.9	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	222799	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	361229	50.0	52.6	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	725100	50.0	52.8	
124 Benzyl chloride	91	11.230	11.230	0.000	99	267613	50.0	50.4	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	653993	50.0	52.9	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	471376	50.0	53.1	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	394975	50.0	52.8	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	97	340921	50.0	52.2	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	723310	50.0	54.5	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	18902	50.0	47.4	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	98	320881	50.0	52.7	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	255452	50.0	51.8	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	160574	50.0	51.2	
134 Naphthalene	128	12.907	12.907	0.000	99	382888	50.0	53.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	95	199270	50.0	51.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	105.3	
S 137 Xylenes, Total	100				0		100.0	105.6	
S 139 1,3-Dichloropropene, Total	1				0		100.0	102.9	
S 140 Total BTEX	1				0		250.0	263.9	

QC Flag Legend

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

Reagents:

ACROLEIN W_00169	Amount Added:	10.00	Units: uL	
524FREONS_00018	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	50.00	Units: uL	
GASES Li_00582	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:57 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D

Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17

Lims ID: STD50

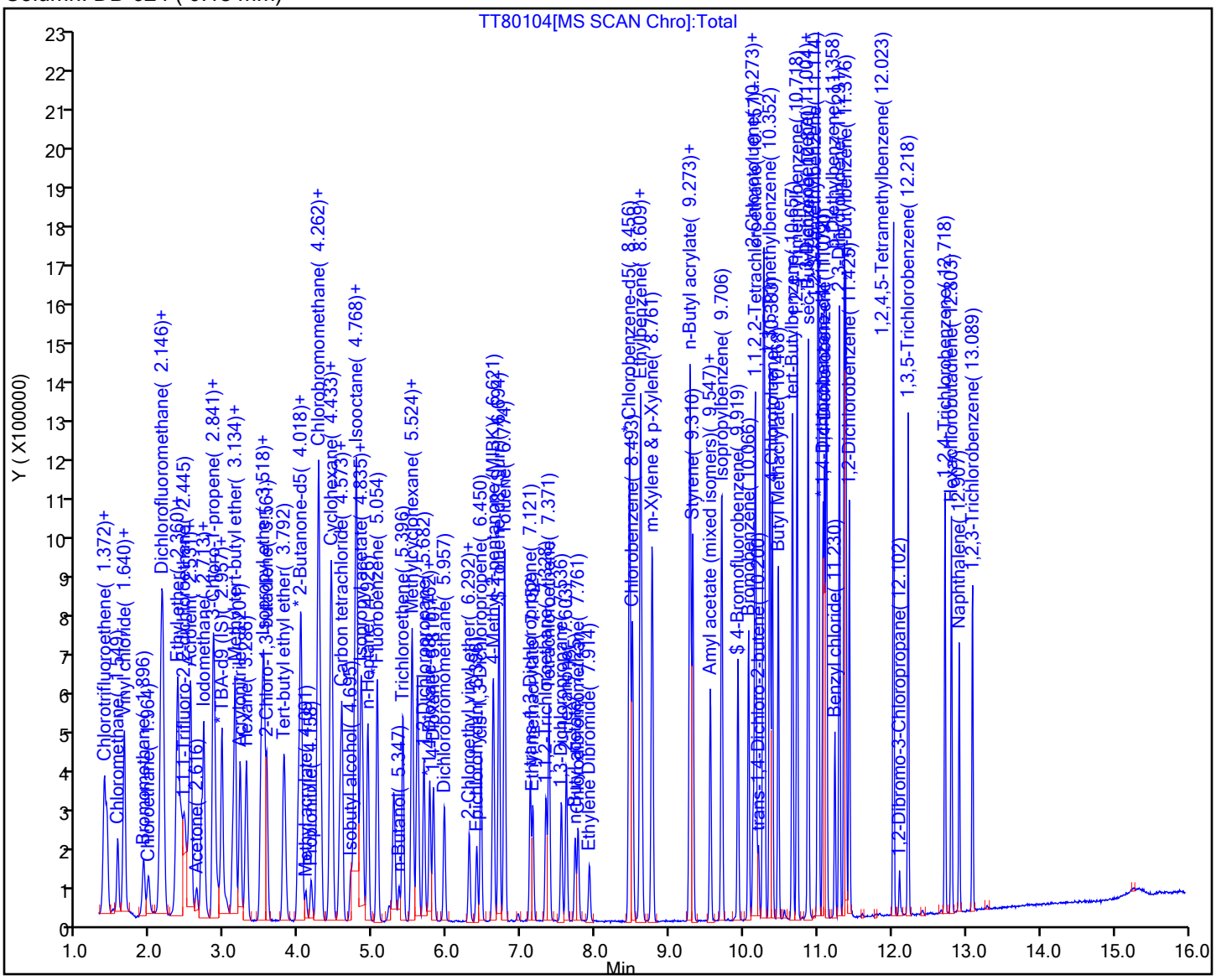
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison

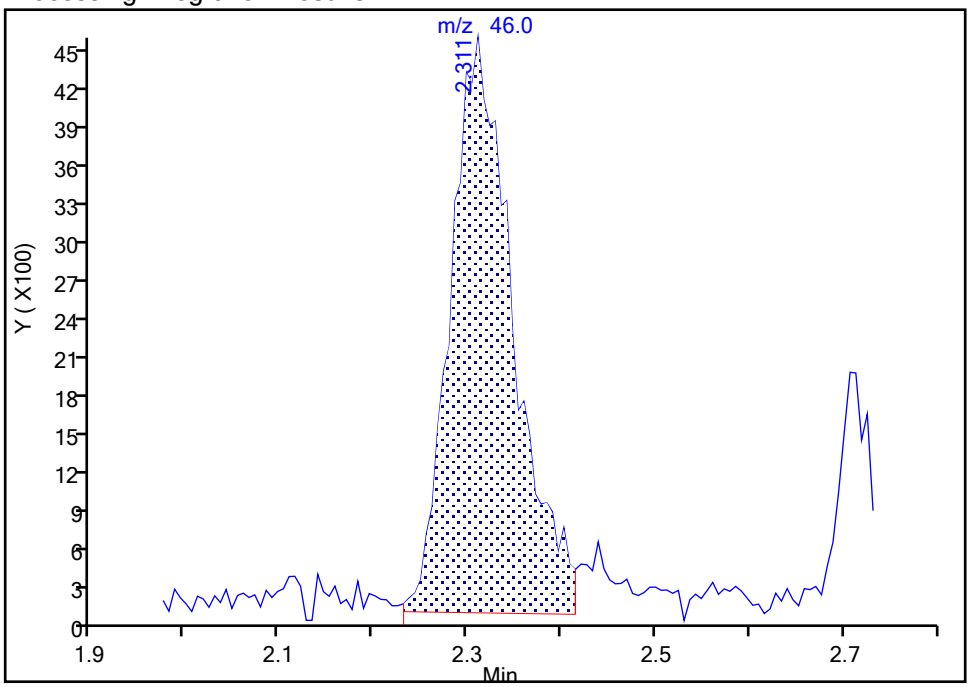
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

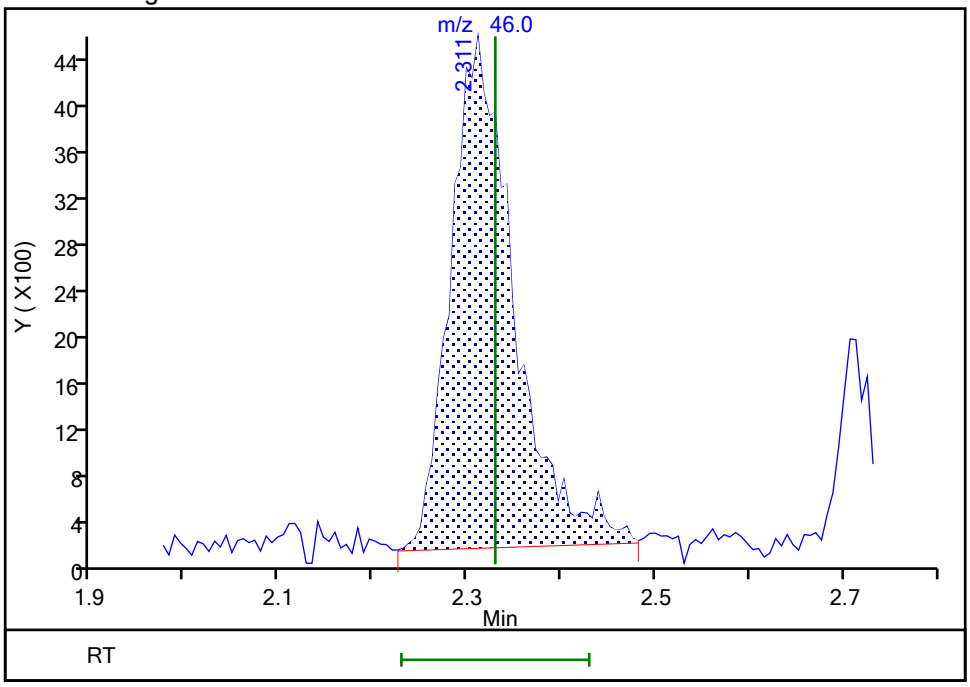
Processing Integration Results

RT: 2.31
Area: 21026
Amount: 1994.6888
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 20858
Amount: 1980.4624
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:03:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

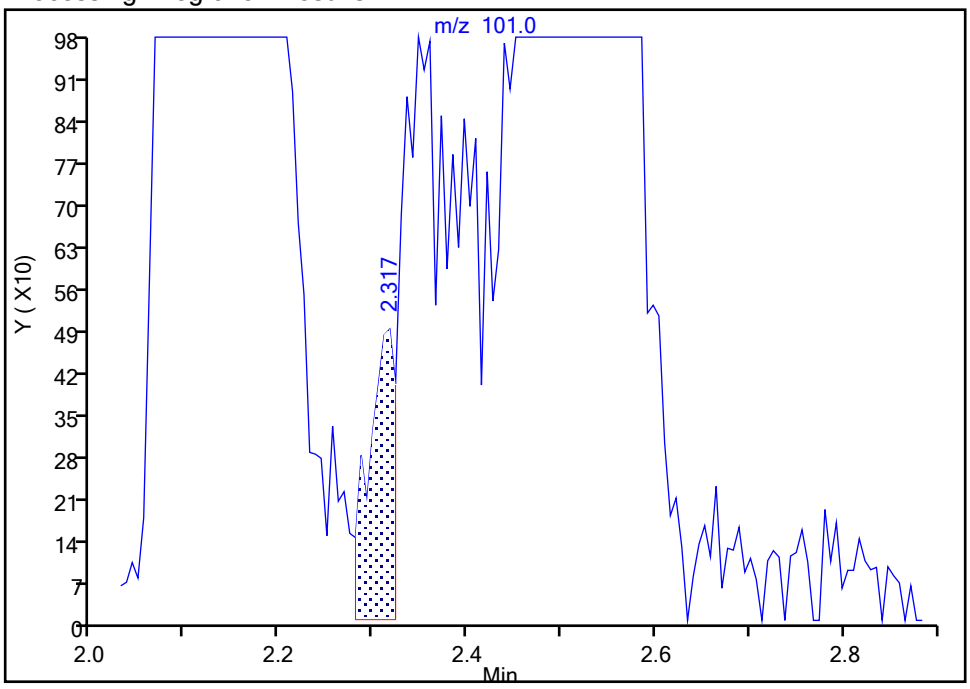
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

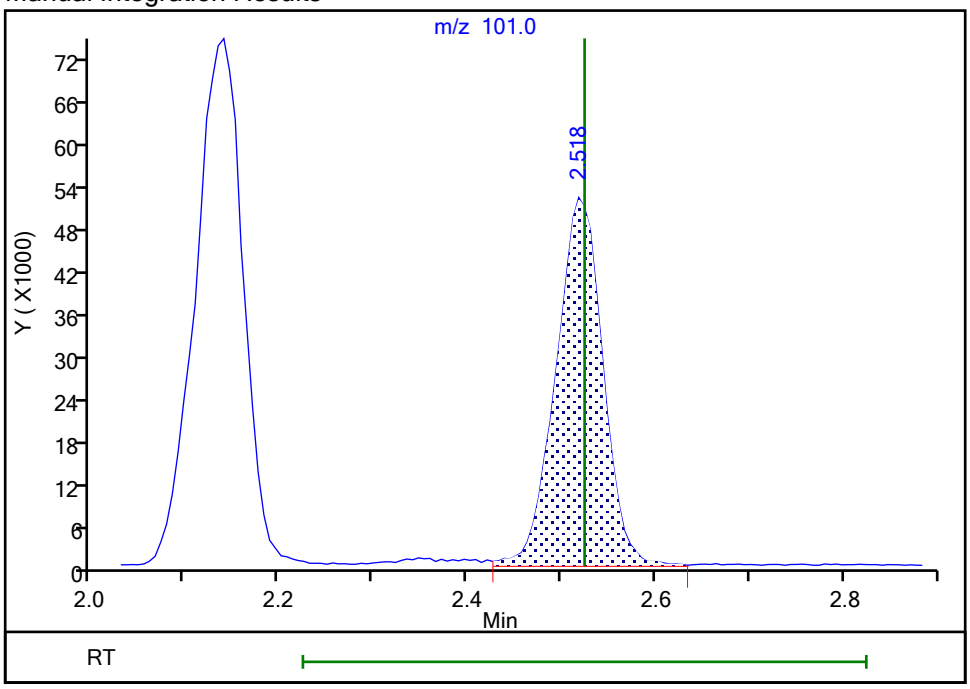
Processing Integration Results

RT: 2.32
Area: 985
Amount: 0.435321
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 180338
Amount: 54.154642
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:28:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

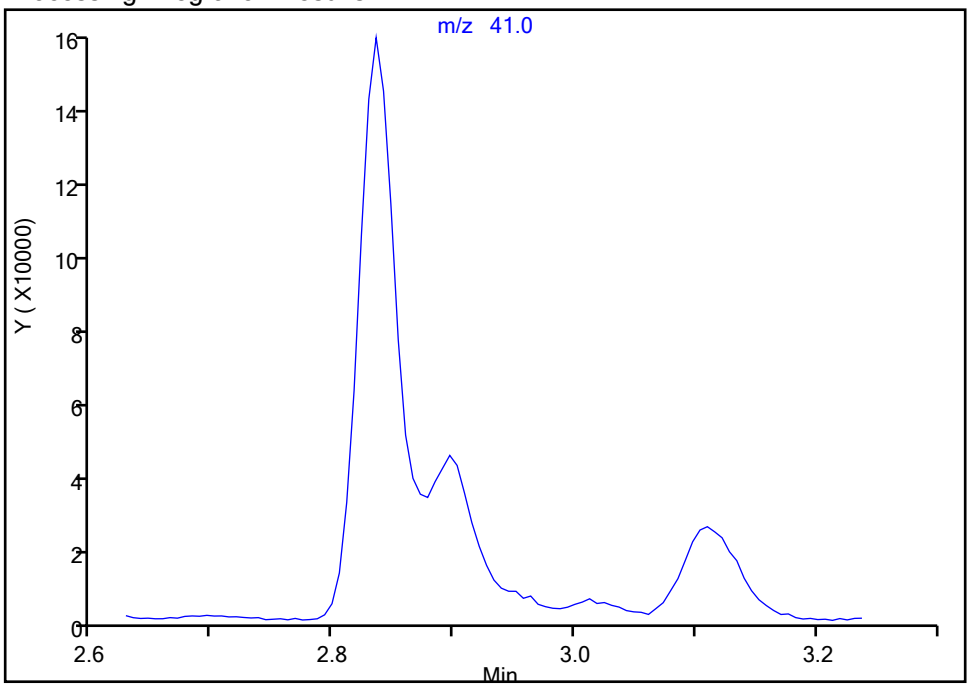
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

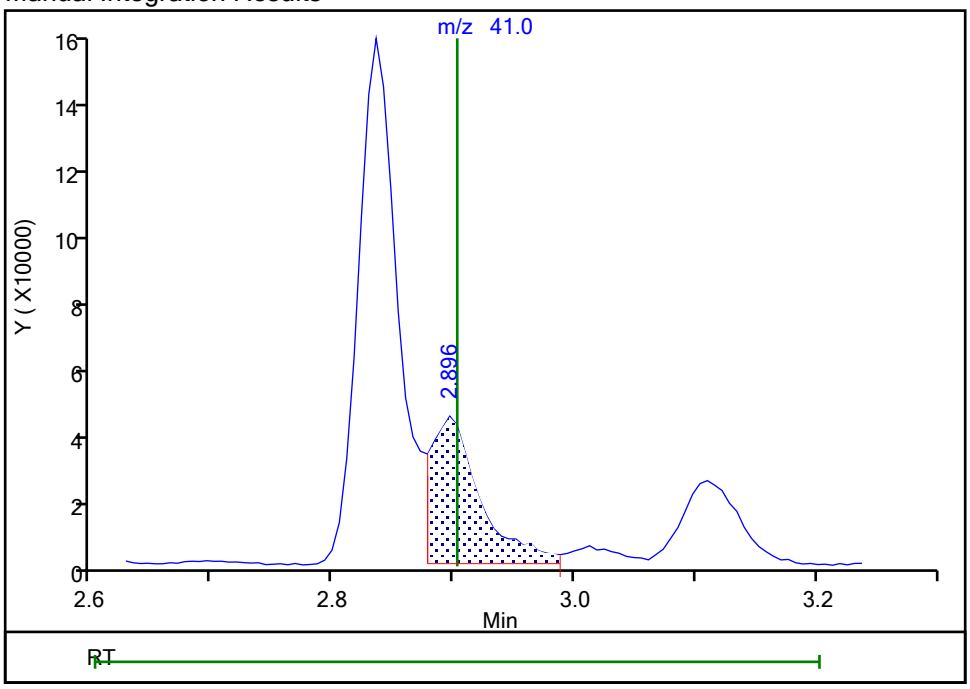
Not Detected
Expected RT: 2.90

Processing Integration Results



Manual Integration Results

RT: 2.90
Area: 127234
Amount: 545.5308
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:29:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

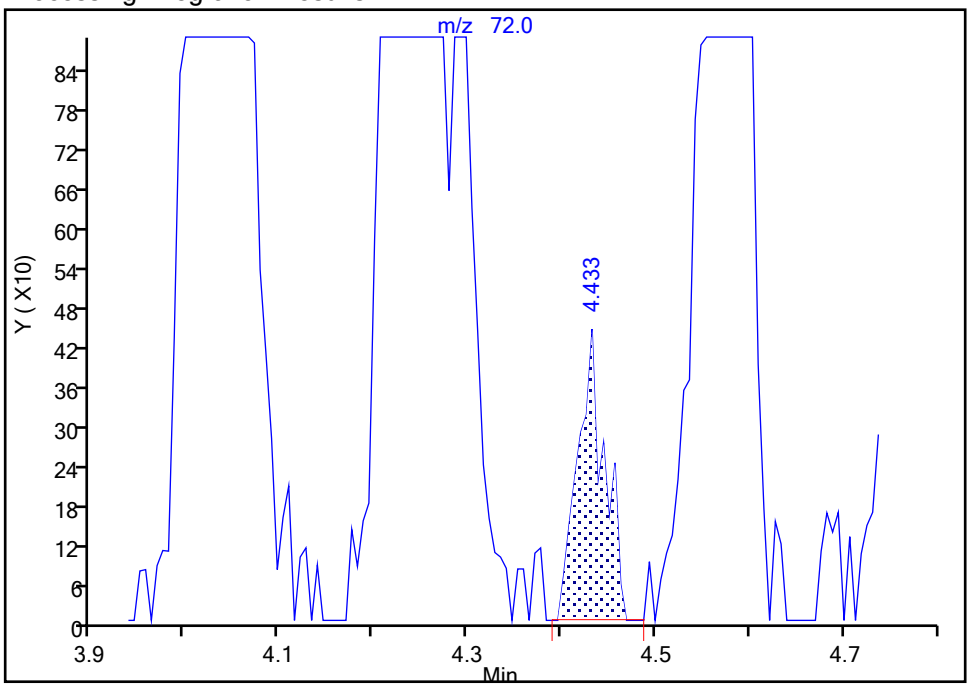
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

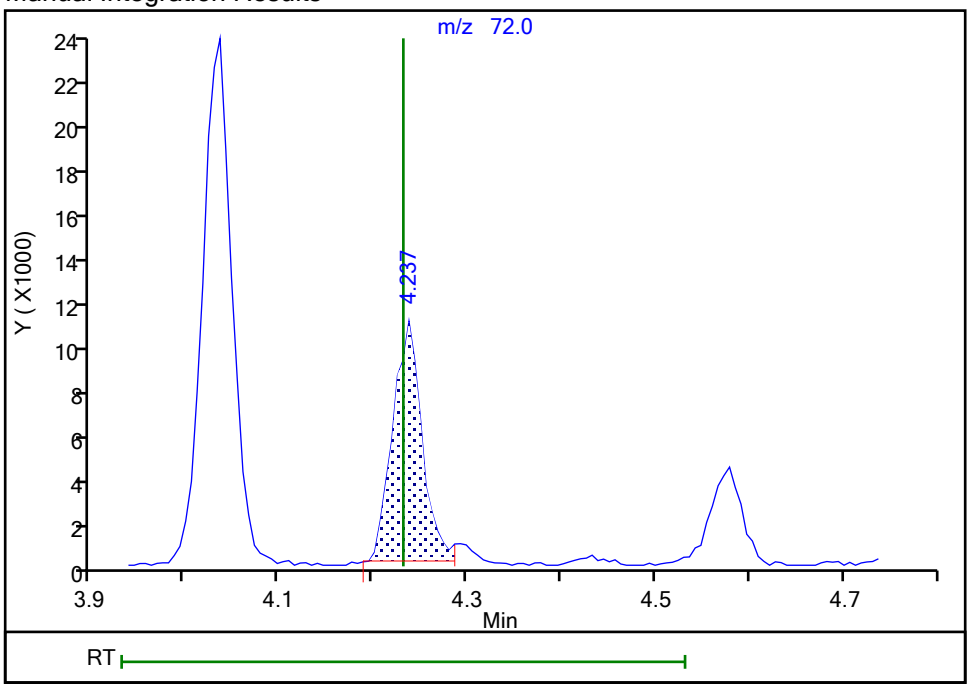
Processing Integration Results

RT: 4.43
Area: 874
Amount: 2.901449
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 23073
Amount: 96.592105
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:29:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-May-2024 10:26:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0175641-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:57:03 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:50:05

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.293	1.299	-0.006	91	11161	200.0	194.8	Ma
3	Chlorotrifluoroethene	116	1.372	1.366	0.006	86	254802	200.0	176.0	
2	1,1-Difluoroethane	65	1.378	1.366	0.012	97	401327	200.0	192.7	
4	Dichlorodifluoromethane	85	1.403	1.391	0.012	100	868625	200.0	194.1	
5	Chlorodifluoromethane	67	1.409	1.409	0.000	99	130864	200.0	186.7	
6	Chloromethane	50	1.561	1.549	0.012	99	775997	200.0	179.4	
7	Vinyl chloride	62	1.647	1.641	0.006	98	725217	200.0	181.0	
8	Butadiene	54	1.647	1.641	0.006	90	608979	200.0	162.4	
9	Bromomethane	94	1.903	1.897	0.006	99	457684	200.0	180.0	
10	Chloroethane	64	1.970	1.964	0.006	99	400345	200.0	179.0	
11	Dichlorofluoromethane	67	2.134	2.134	0.000	99	1475479	200.0	202.2	
12	Trichlorofluoromethane	101	2.147	2.140	0.006	99	932770	200.0	192.3	
13	Pentane	72	2.171	2.159	0.012	96	192436	400.0	289.3	
14	Ethanol	46	2.305	2.329	-0.024	96	72207	8000.0	7070.3	a
15	Ethyl ether	74	2.342	2.336	0.006	95	323402	200.0	174.8	
16	2-Methyl-1,3-butadiene	53	2.366	2.360	0.006	94	542369	200.0	160.7	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.409	2.390	0.019	93	646312	200.0	189.2	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	97	1010752	200.0	190.5	
19	Acrolein	56	2.506	2.500	0.006	94	72477	200.0	181.5	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.531	2.525	0.006	95	585658	200.0	169.9	a
21	1,1-Dichloroethene	96	2.543	2.537	0.006	98	639145	200.0	184.8	
22	Acetone	43	2.622	2.616	0.006	88	698136	1000.0	1228.5	
23	Iodomethane	142	2.689	2.683	0.006	97	1221860	200.0	191.3	
25	Isopropyl alcohol	45	2.701	2.695	0.006	97	185192	2000.0	1679.7	a
24	Carbon disulfide	76	2.720	2.714	0.006	99	2259637	200.0	170.3	
26	3-Chloro-1-propene	76	2.841	2.835	0.006	99	418594	200.0	177.9	
27	Methyl acetate	43	2.848	2.848	0.000	99	461505	400.0	325.8	
28	Cyclopentene	67	2.866	2.860	0.006	94	1283437	200.0	163.0	
29	Acetonitrile	41	2.902	2.902	0.000	98	416486	2000.0	1805.7	a
* 31	TBA-d9 (IS)	66	2.945	2.951	-0.006	0	28029	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.963	2.957	0.006	90	716849	200.0	185.3	
32 2-Methyl-2-propanol	59	3.024	3.012	0.012	99	329886	2000.0	1852.2	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	1549751	200.0	189.5	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	704897	200.0	182.0	
35 Acrylonitrile	53	3.207	3.201	0.006	94	1252702	2000.0	1674.6	
36 Hexane	57	3.293	3.293	0.000	92	773874	200.0	158.9	
37 Isopropyl ether	45	3.494	3.488	0.006	96	2056213	200.0	176.2	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	100	1196724	200.0	184.1	
39 Vinyl acetate	86	3.536	3.524	0.012	100	173608	400.0	370.1	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	90	586216	200.0	180.1	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	89	1922015	200.0	189.5	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	168296	250.0	250.0	a
43 2,2-Dichloropropane	97	4.012	4.006	0.006	95	245179	200.0	178.8	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	98	747404	200.0	184.8	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	220610	1000.0	1040.3	
46 Ethyl acetate	70	4.042	4.036	0.006	94	85470	400.0	364.3	
47 Methyl acrylate	55	4.091	4.085	0.006	100	317810	200.0	183.5	
48 Propionitrile	54	4.164	4.164	0.000	99	447321	2000.0	1809.3	
50 Tetrahydrofuran	72	4.238	4.232	0.006	90	81943	400.0	346.9	
49 Chlorobromomethane	128	4.244	4.238	0.006	91	311569	200.0	183.0	
51 Methacrylonitrile	67	4.268	4.262	0.006	90	1512991	2000.0	1887.8	
52 Chloroform	83	4.299	4.292	0.007	100	1078472	200.0	182.1	
53 Cyclohexane	84	4.427	4.427	0.000	90	884355	200.0	166.1	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	99	950301	200.0	187.0	
$ 55 Dibromofluoromethane (Surr)	113	4.451	4.445	0.006	98	151297	50.0	50.4	
56 Carbon tetrachloride	117	4.555	4.555	0.000	99	813251	200.0	181.0	
57 1,1-Dichloropropene	75	4.585	4.579	0.006	98	870081	200.0	181.9	
58 Isobutyl alcohol	43	4.701	4.695	0.006	96	374629	5000.0	4787.1	
59 Isooctane	57	4.756	4.744	0.012	99	2095475	200.0	171.5	
60 Benzene	78	4.774	4.774	0.000	97	2619903	200.0	185.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	140863	50.0	48.9	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	235934	200.0	178.6	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	1637072	200.0	189.4	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	97	619642	200.0	177.8	
65 n-Heptane	100	4.933	4.926	0.007	91	152846	200.0	182.7	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	616347	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	215555	5000.0	4956.3	
68 Trichloroethene	95	5.402	5.402	0.000	98	672108	200.0	188.7	
69 Methylcyclohexane	83	5.530	5.524	0.006	94	1040088	200.0	169.3	
70 Ethyl acrylate	99	5.524	5.530	-0.006	99	70597	200.0	195.6	
71 1,2-Dichloropropane	63	5.688	5.682	0.006	94	668369	200.0	187.1	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	14193	1000.0	1000.0	
73 Methyl methacrylate	100	5.768	5.762	0.006	93	213113	400.0	370.1	
75 1,4-Dioxane	88	5.792	5.786	0.006	89	67773	4000.0	4217.2	
74 Dibromomethane	93	5.810	5.810	0.000	95	295469	200.0	187.9	
76 n-Propyl acetate	43	5.823	5.817	0.006	98	472450	200.0	173.7	
77 Dichlorobromomethane	83	5.963	5.957	0.006	99	760800	200.0	183.0	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	97	276616	200.5	180.4	
78 2-Nitropropane	41	6.292	6.292	0.000	98	165278	400.0	393.5	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	614260	4000.0	3968.4	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	91	986731	200.0	187.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	95	713989	1000.0	994.9	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	100	581188	50.0	49.2	
84 Toluene	91	6.774	6.774	0.000	94	2670411	200.0	182.0	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	752521	200.0	186.3	
86 Ethyl methacrylate	69	7.158	7.158	0.000	88	610866	200.0	181.5	
87 1,1,2-Trichloroethane	83	7.335	7.328	0.007	97	368107	200.0	192.6	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	679271	200.0	190.5	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	711534	200.0	187.3	
90 2-Hexanone	43	7.609	7.603	0.006	94	1116551	1000.0	1025.9	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	562106	200.0	174.8	
92 Chlorodibromomethane	129	7.767	7.761	0.006	99	511129	200.0	187.1	
93 Ethylene Dibromide	107	7.920	7.914	0.006	99	393117	200.0	182.2	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	442250	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	1693511	200.0	193.8	
96 Ethylbenzene	106	8.609	8.603	0.006	98	940303	200.0	190.1	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	634398	200.0	183.7	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	1160874	200.0	190.6	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	369385	200.0	182.4	
99 o-Xylene	106	9.279	9.279	0.000	94	1161248	200.0	184.8	
101 Styrene	104	9.310	9.310	0.000	95	1831815	200.0	184.7	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	91	749111	200.0	179.1	
102 Bromoform	173	9.554	9.548	0.006	65	314589	200.0	189.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	2669908	200.0	184.9	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	94	184255	50.0	50.6	
106 Bromobenzene	156	10.066	10.066	0.000	97	708143	200.0	196.1	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	461798	200.0	186.5	
108 N-Propylbenzene	91	10.157	10.157	0.000	100	3358999	200.0	187.1	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	118293	200.0	173.2	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	95	111290	200.0	197.8	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	2325815	200.0	187.4	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	2817521	200.0	189.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	2447597	200.0	193.7	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	2107458	200.0	189.8	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	859382	200.0	196.2	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	2074623	200.0	200.9	
117 1,2,4-Trimethylbenzene	105	10.724	10.718	0.006	97	2472840	200.0	188.4	
118 sec-Butylbenzene	105	10.870	10.870	0.000	98	3078337	200.0	188.9	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	1342276	200.0	191.3	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	97	2656988	200.0	190.6	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	94	220798	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	94	1323465	200.0	194.6	
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	98	2622376	200.0	192.5	
124 Benzyl chloride	91	11.230	11.230	0.000	99	970862	200.0	184.5	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	2318950	200.0	189.4	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	1648364	200.0	187.3	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	1374079	200.0	185.4	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	97	1235592	200.0	190.8	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	2527593	200.0	192.2	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	69305	200.0	175.5	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	1202447	200.0	199.1	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	943201	200.0	193.0	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	613778	200.0	197.4	
134 Naphthalene	128	12.913	12.907	0.006	99	1352002	200.0	190.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	95	720588	200.0	187.6	
S 136 1,2-Dichloroethene, Total	100				0		400.0	366.7	
S 137 Xylenes, Total	100				0		400.0	375.5	
S 139 1,3-Dichloropropene, Total	1				0		400.0	373.5	
S 140 Total BTEX	1				0		1000.0	933.2	

QC Flag Legend

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

Reagents:

MIX 2 Hi_00149	Amount Added:	20.00	Units: uL	
MIX I Hi_00176	Amount Added:	20.00	Units: uL	
Ethanol mix_00089	Amount Added:	20.00	Units: uL	
7 Freons Hi_00002	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	20.00	Units: uL	
GAS Hi_00469	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:57:04 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D

Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17

Lims ID: STD200

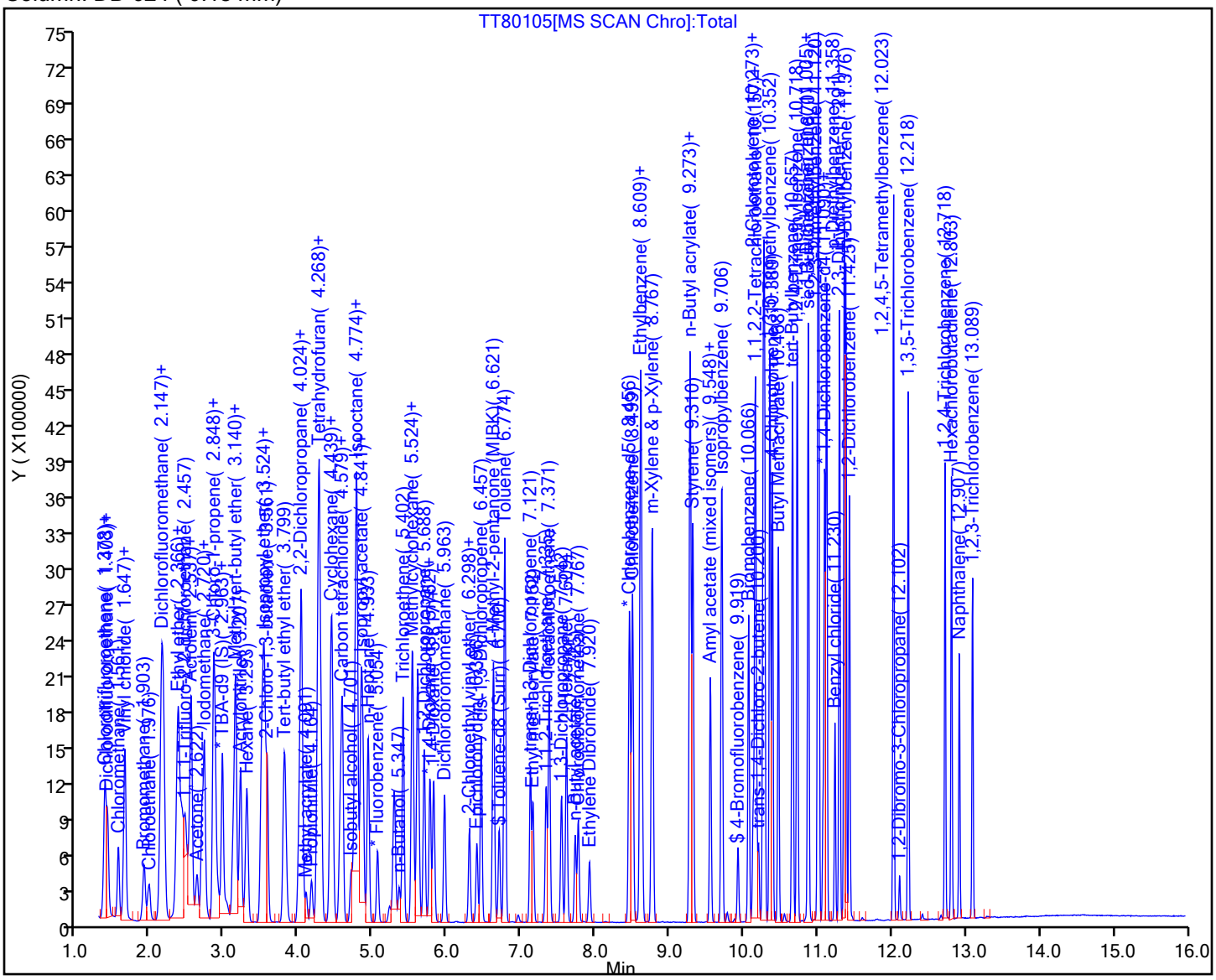
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

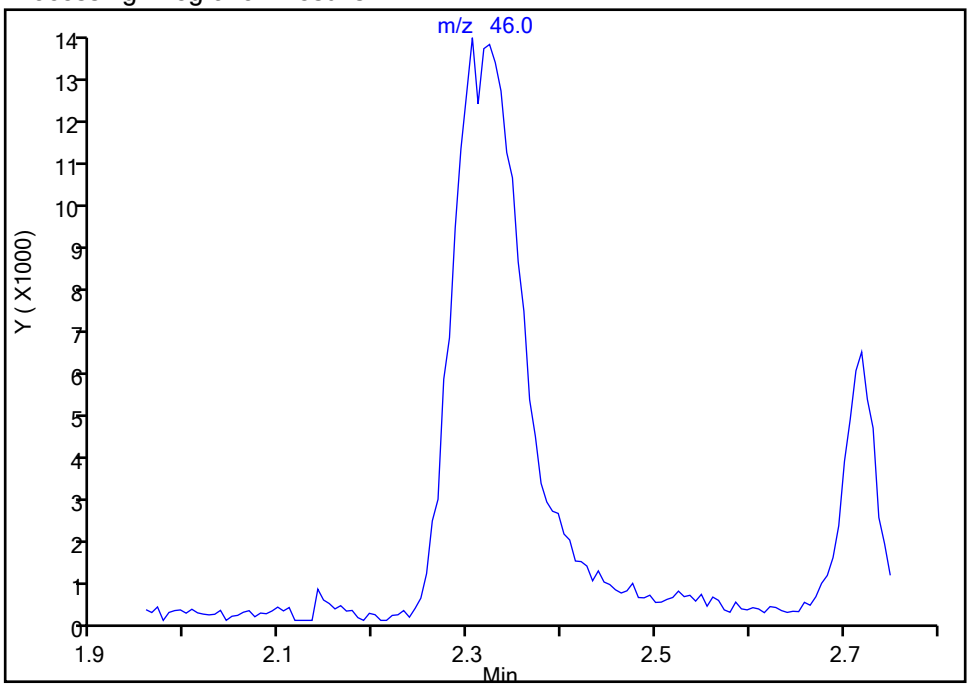
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

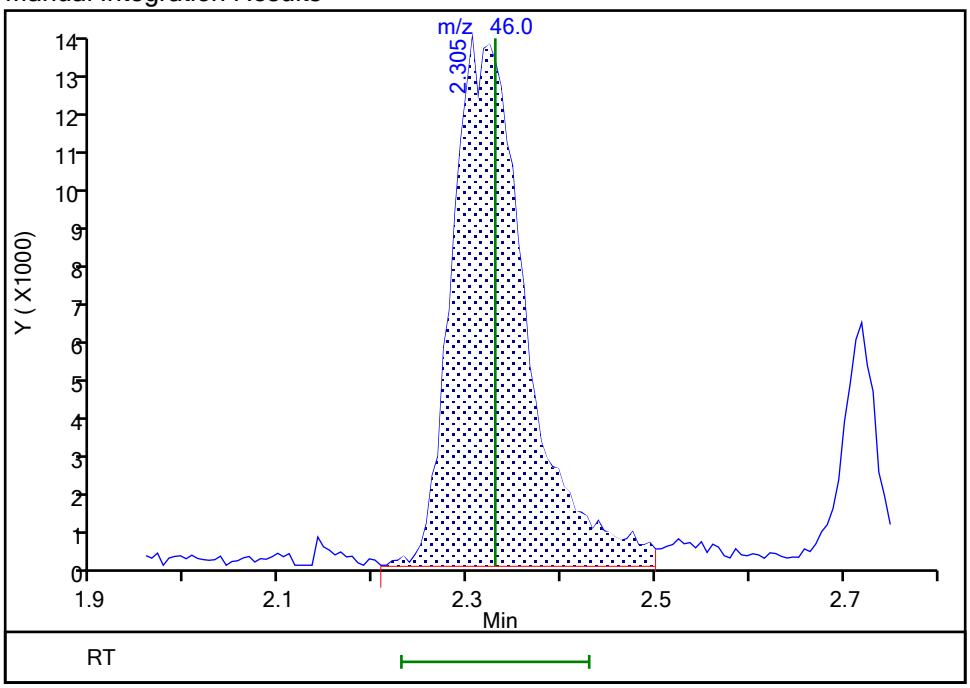
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 72207
Amount: 7070.3126
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:48:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

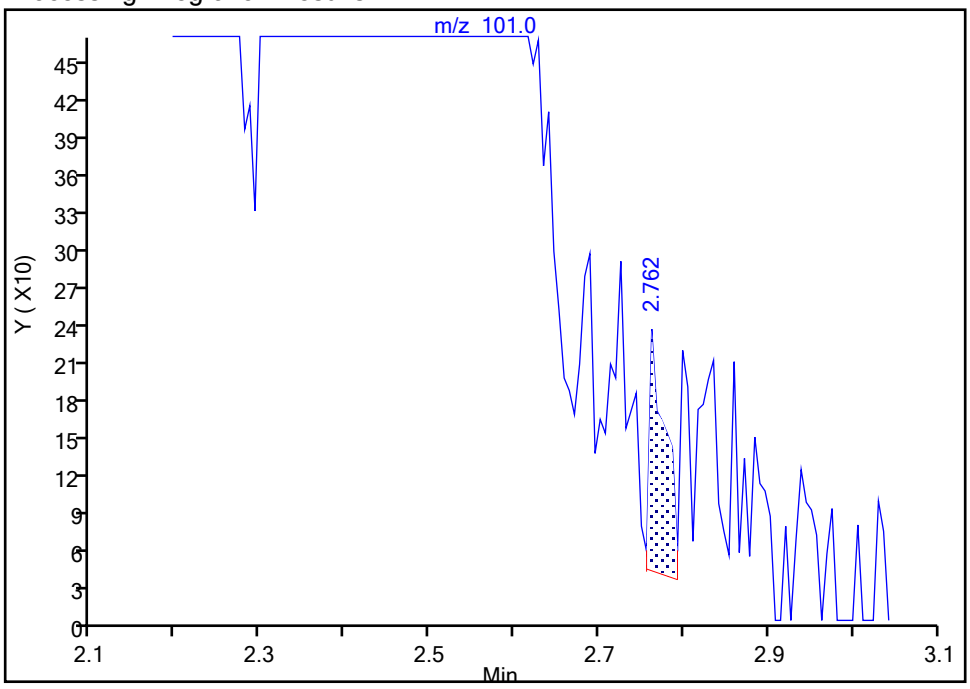
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

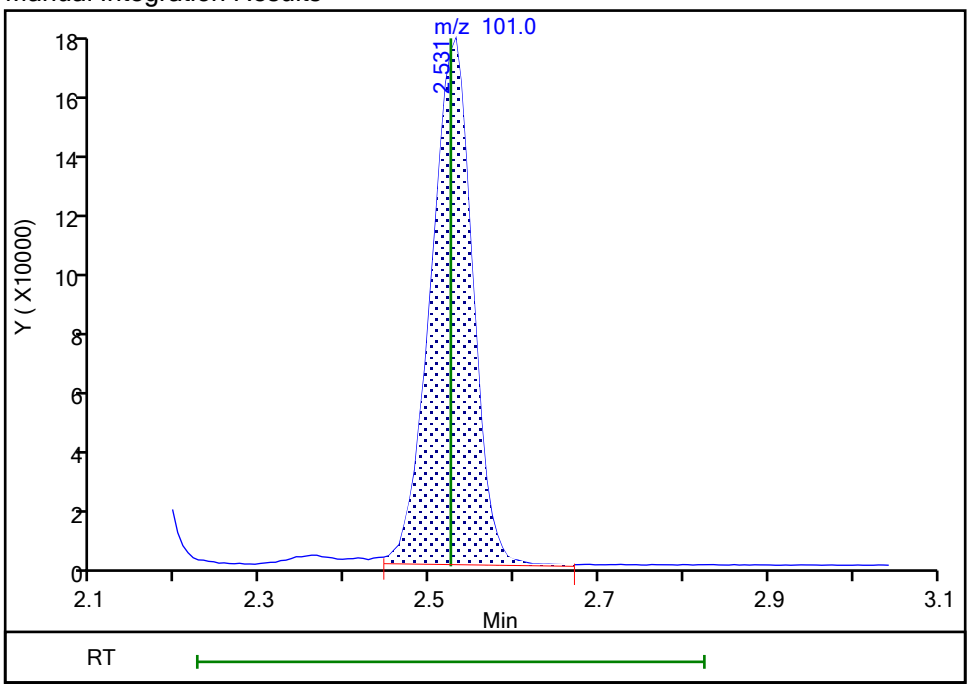
Processing Integration Results

RT: 2.76
Area: 256
Amount: 0.081382
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 585658
Amount: 169.8852
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:48:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

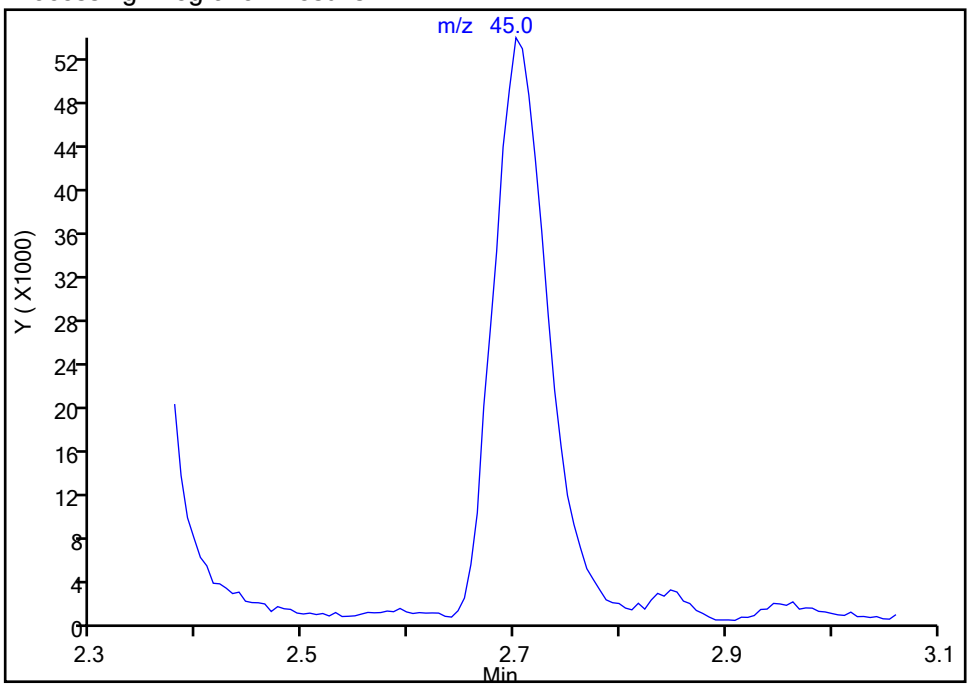
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

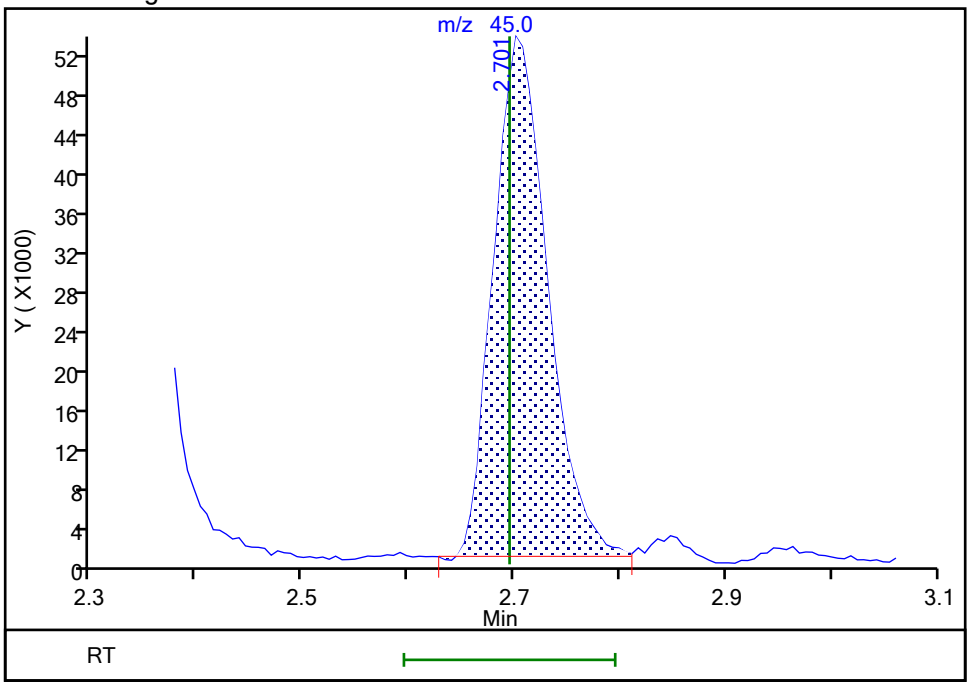
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.70
Area: 185192
Amount: 1679.7080
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

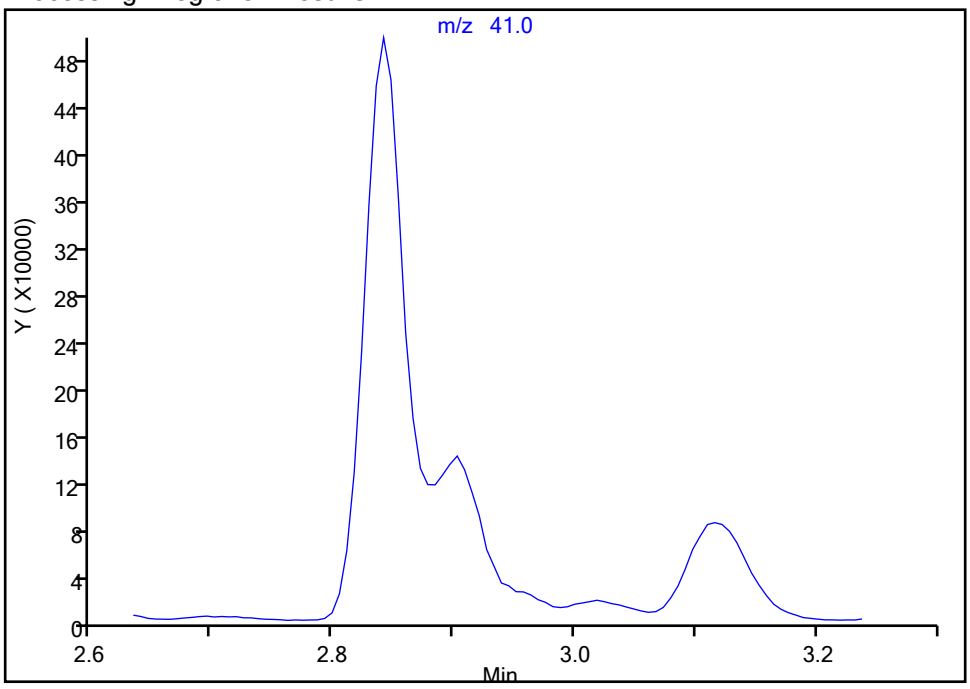
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

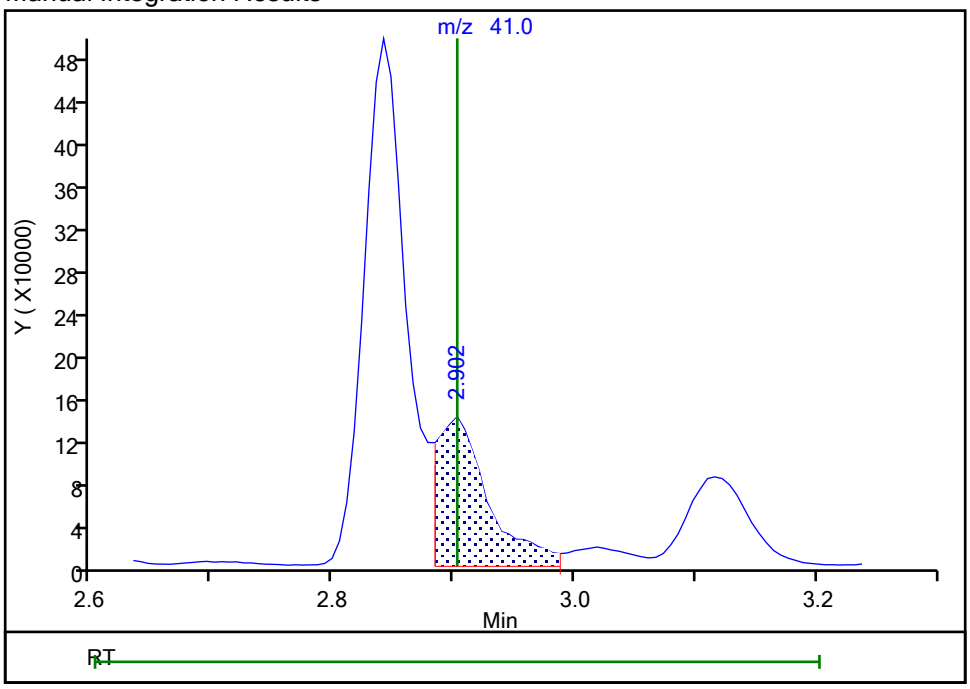
Not Detected
Expected RT: 2.90

Processing Integration Results



Manual Integration Results

RT: 2.90
Area: 416486
Amount: 1805.7021
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

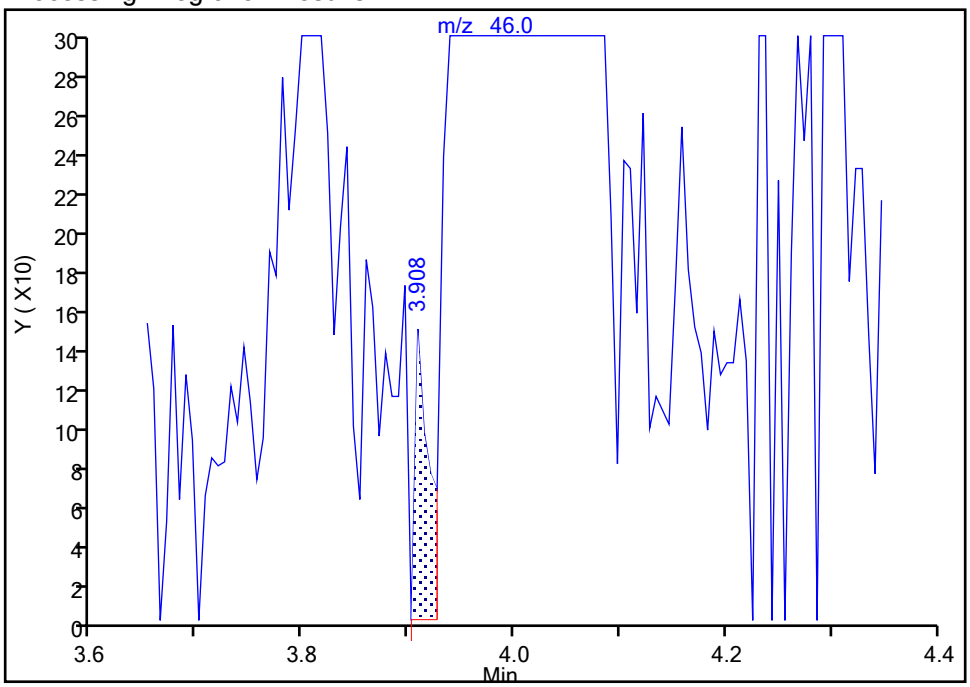
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

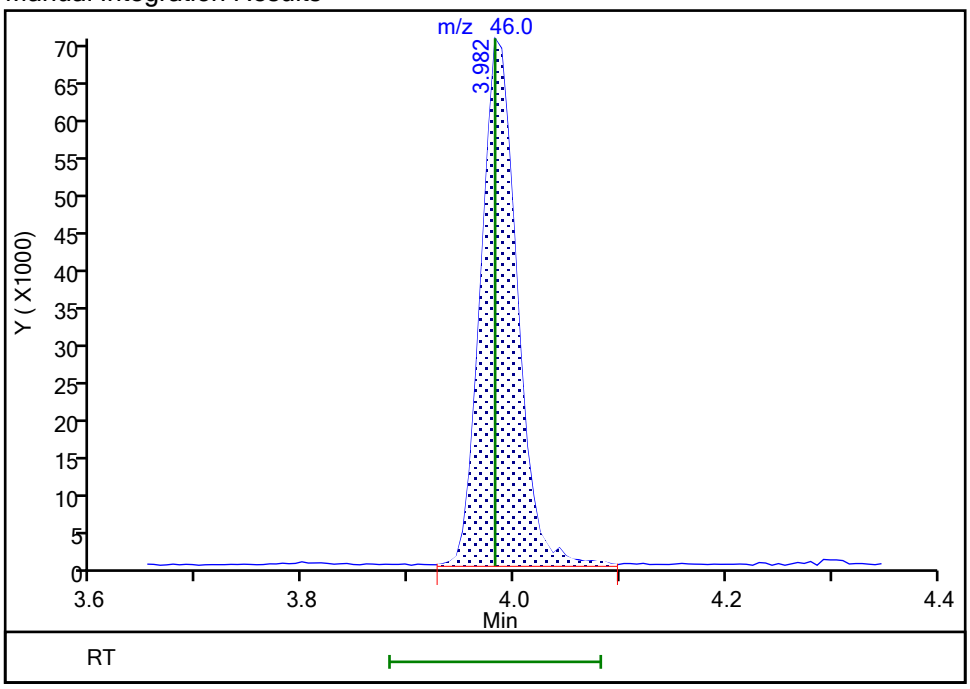
Processing Integration Results

RT: 3.91
Area: 140
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.98
Area: 168296
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

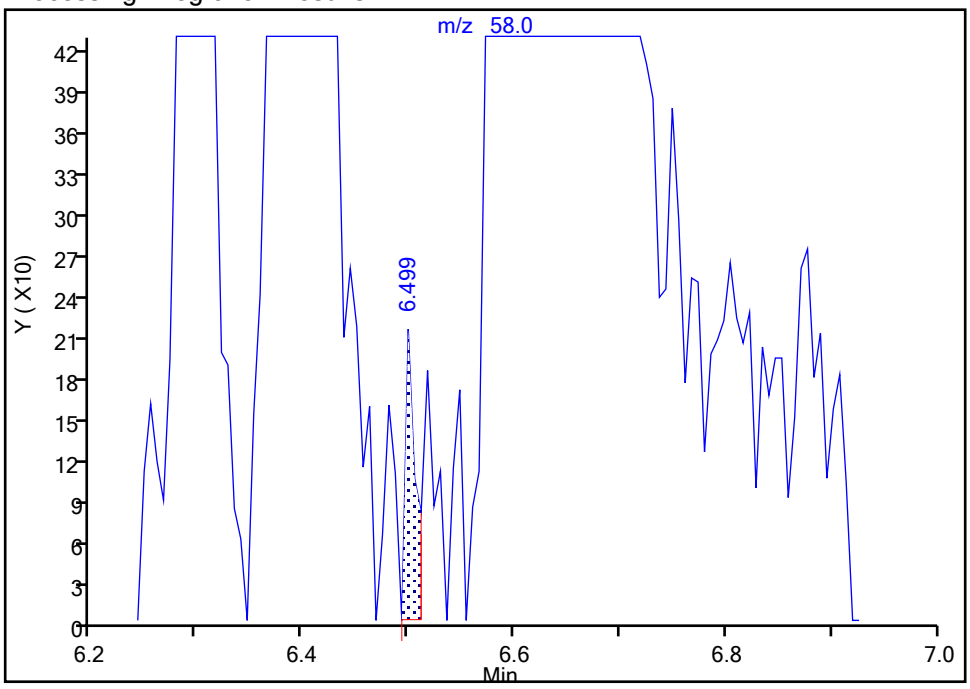
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

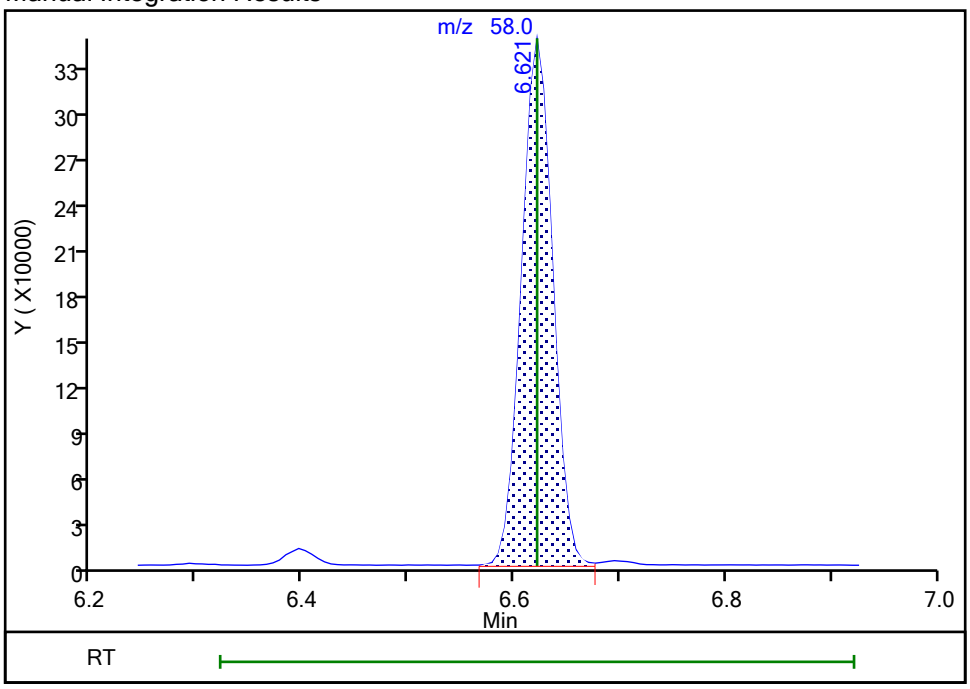
Processing Integration Results

RT: 6.50
Area: 143
Amount: 0.231348
Amount Units: ug/l



Manual Integration Results

RT: 6.62
Area: 713989
Amount: 994.9006
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:51:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-May-2024 10:46:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0175641-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:57:12 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 11:42:57

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.293	1.299	-0.006	0	33876	500.0	581.0	M
3	Chlorotrifluoroethene	116	1.360	1.366	-0.006	86	761913	500.0	517.0	
2	1,1-Difluoroethane	65	1.372	1.366	0.006	99	1097941	500.0	517.9	
4	Dichlorodifluoromethane	85	1.390	1.391	-0.001	100	2536675	500.0	557.0	
5	Chlorodifluoromethane	67	1.409	1.409	0.000	98	372959	500.0	522.9	
6	Chloromethane	50	1.549	1.549	0.000	99	2042026	500.0	463.8	
7	Vinyl chloride	62	1.640	1.641	-0.001	98	1879320	500.0	461.0	
8	Butadiene	54	1.640	1.641	-0.001	93	1634197	500.0	428.2	
9	Bromomethane	94	1.903	1.897	0.006	99	1049635	500.0	405.6	
10	Chloroethane	64	1.964	1.964	0.000	99	981690	500.0	431.3	
11	Dichlorofluoromethane	67	2.134	2.134	0.000	99	3645800	500.0	490.9	
12	Trichlorofluoromethane	101	2.146	2.140	0.006	99	2522369	500.0	511.0	
13	Pentane	72	2.159	2.159	0.000	96	558025	1000.0	824.4	
14	Ethanol	46	2.317	2.329	-0.012	96	205231	20000	18228	
15	Ethyl ether	74	2.335	2.336	-0.001	95	842860	500.0	447.6	
16	2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	95	1461538	500.0	425.6	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.402	2.390	0.012	93	1766432	500.0	508.1	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	97	2725056	500.0	504.7	
19	Acrolein	56	2.500	2.500	0.000	92	144588	400.0	355.7	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	95	1694592	500.0	483.0	a
21	1,1-Dichloroethene	96	2.537	2.537	0.000	98	1730902	500.0	491.7	
22	Acetone	43	2.616	2.616	0.000	88	1823304	2500.0	2870.7	
23	Iodomethane	142	2.683	2.683	0.000	97	3201305	500.0	492.4	
25	Isopropyl alcohol	45	2.701	2.695	0.006	99	521934	5000.0	4294.0	
24	Carbon disulfide	76	2.713	2.714	-0.001	99	5871595	500.0	434.9	
26	3-Chloro-1-propene	76	2.835	2.835	0.000	97	1148773	500.0	479.7	
27	Methyl acetate	43	2.841	2.848	-0.007	98	1254644	1000.0	870.3	
28	Cyclopentene	67	2.860	2.860	0.000	94	3455349	500.0	431.1	
29	Acetonitrile	41	2.896	2.902	-0.006	98	1292894	5000.0	5015.4	a
* 31	TBA-d9 (IS)	66	2.951	2.951	0.000	0	30901	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	90	1866777	500.0	474.0	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	99	923519	5000.0	4703.3	
33 Methyl tert-butyl ether	73	3.110	3.110	0.000	97	4041928	500.0	485.6	
34 trans-1,2-Dichloroethene	96	3.134	3.140	-0.006	94	1862270	500.0	472.3	
35 Acrylonitrile	53	3.207	3.201	0.006	94	3382444	5000.0	4442.9	
36 Hexane	57	3.286	3.293	-0.007	92	2184728	500.0	440.8	
37 Isopropyl ether	45	3.494	3.488	0.006	94	5136609	500.0	432.4	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	100	3045189	500.0	460.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	477462	1000.0	910.8	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	1564626	500.0	472.2	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	90	4936381	500.0	478.1	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	188095	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	95	641614	500.0	459.6	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	99	1942933	500.0	472.0	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	97	584090	2500.0	2464.3	
46 Ethyl acetate	70	4.042	4.036	0.006	97	227631	1000.0	868.0	
47 Methyl acrylate	55	4.091	4.085	0.006	100	853268	500.0	484.1	
48 Propionitrile	54	4.164	4.164	0.000	98	1197665	5000.0	4394.1	
50 Tetrahydrofuran	72	4.237	4.232	0.005	86	221414	1000.0	838.6	
49 Chlorobromomethane	128	4.244	4.238	0.006	89	821169	500.0	473.9	
51 Methacrylonitrile	67	4.268	4.262	0.006	89	3855622	5000.0	4726.8	
52 Chloroform	83	4.292	4.292	0.000	99	2783493	500.0	461.7	
53 Cyclohexane	84	4.426	4.427	-0.001	90	2503790	500.0	462.1	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	98	2509962	500.0	485.3	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	149443	50.0	48.9	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	99	2229799	500.0	487.5	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	2351333	500.0	483.0	
58 Isobutyl alcohol	43	4.701	4.695	0.006	97	1054846	12500	12226	
59 Isooctane	57	4.756	4.744	0.012	98	6106858	500.0	491.1	
60 Benzene	78	4.774	4.774	0.000	97	6504140	500.0	445.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	158143	50.0	53.9	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	611965	500.0	455.3	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	4234440	500.0	481.4	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	1632315	500.0	460.3	
65 n-Heptane	100	4.926	4.926	0.000	90	437661	500.0	515.2	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	627278	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	617421	12500	12506	
68 Trichloroethene	95	5.402	5.402	0.000	99	1811225	500.0	499.7	
69 Methylcyclohexane	83	5.530	5.524	0.006	87	2936553	500.0	469.6	
70 Ethyl acrylate	99	5.524	5.530	-0.006	99	205054	500.0	500.5	
71 1,2-Dichloropropane	63	5.688	5.682	0.006	94	1753273	500.0	482.3	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	15230	1000.0	1000.0	
73 Methyl methacrylate	100	5.768	5.762	0.006	85	572672	1000.0	977.1	
75 1,4-Dioxane	88	5.792	5.786	0.006	89	192132	10000	11142	
74 Dibromomethane	93	5.810	5.810	0.000	94	794329	500.0	496.2	
76 n-Propyl acetate	43	5.816	5.817	-0.001	97	1254570	500.0	453.1	
77 Dichlorobromomethane	83	5.963	5.957	0.006	99	2044127	500.0	483.2	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	96	744007	501.2	476.8	
78 2-Nitropropane	41	6.292	6.292	0.000	98	443104	1000.0	1000.8	
80 Epichlorohydrin	57	6.402	6.396	0.006	99	1676729	10000	10005	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	91	2626610	500.0	481.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	94	1875013	2500.0	2337.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	100	599669	50.0	49.1	
84 Toluene	91	6.774	6.774	0.000	95	6625998	500.0	436.6	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	2025876	500.0	485.1	
86 Ethyl methacrylate	69	7.158	7.158	0.000	88	1617131	500.0	464.5	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	97	999296	500.0	505.7	
88 Tetrachloroethene	166	7.377	7.377	0.000	97	1849974	500.0	501.7	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	1917384	500.0	488.2	
90 2-Hexanone	43	7.609	7.603	0.006	94	2860509	2500.0	2351.7	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	1479749	500.0	445.1	
92 Chlorodibromomethane	129	7.767	7.761	0.006	98	1381577	500.0	489.1	
93 Ethylene Dibromide	107	7.920	7.914	0.006	98	1071250	500.0	480.1	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	457309	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	4408733	500.0	487.9	
96 Ethylbenzene	106	8.609	8.603	0.006	98	2450514	500.0	479.0	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	1673911	500.0	468.8	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	3027611	500.0	480.8	
100 n-Butyl acrylate	73	9.273	9.273	0.000	98	923488	500.0	441.0	
99 o-Xylene	106	9.279	9.279	0.000	95	2925234	500.0	450.2	
101 Styrene	104	9.316	9.310	0.006	94	4552372	500.0	443.9	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	1844924	500.0	421.7	
102 Bromoform	173	9.554	9.548	0.006	66	844210	500.0	492.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	6551690	500.0	438.8	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	95	192076	50.0	51.0	
106 Bromobenzene	156	10.066	10.066	0.000	97	1854059	500.0	491.1	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	1233353	500.0	476.3	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	7818825	500.0	416.5	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	97	315952	500.0	442.4	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	91	297706	500.0	506.0	a
111 2-Chlorotoluene	91	10.267	10.261	0.006	98	5706464	500.0	439.6	
112 4-Ethyltoluene	105	10.285	10.279	0.006	97	6666791	500.0	428.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	94	5908304	500.0	447.1	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	5122715	500.0	441.3	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	2133473	500.0	465.7	
116 tert-Butylbenzene	119	10.663	10.657	0.006	93	5193005	500.0	480.9	
117 1,2,4-Trimethylbenzene	105	10.724	10.718	0.006	97	5865302	500.0	427.4	
118 sec-Butylbenzene	105	10.870	10.870	0.000	96	7204760	500.0	422.8	
119 1,3-Dichlorobenzene	146	11.004	10.998	0.006	94	3236282	500.0	441.0	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	95	6148812	500.0	421.7	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	230877	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.096	11.090	0.006	94	3326961	500.0	467.8	
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	96	6099591	500.0	428.3	
124 Benzyl chloride	91	11.230	11.230	0.000	99	2472073	500.0	449.2	
125 2,3-Dihydroindene	117	11.297	11.291	0.006	95	5360169	500.0	418.7	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	3971987	500.0	431.5	
127 n-Butylbenzene	92	11.382	11.376	0.006	99	3337561	500.0	430.6	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	3102665	500.0	458.2	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	5865373	500.0	426.4	
130 1,2-Dibromo-3-Chloropropane	155	12.108	12.102	0.006	93	194374	500.0	470.7	
131 1,3,5-Trichlorobenzene	180	12.224	12.218	0.006	98	3038057	500.0	481.2	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	2449603	500.0	479.2	
133 Hexachlorobutadiene	225	12.809	12.803	0.006	98	1740835	500.0	535.5	
134 Naphthalene	128	12.913	12.907	0.006	99	3575259	500.0	480.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	96	1958333	500.0	487.5	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	944.3	
S 137 Xylenes, Total	100				0		1000.0	931.1	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	966.8	
S 140 Total BTEX	1				0		2500.0	2292.6	

QC Flag Legend

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

Reagents:

MIX 2 Hi_00149	Amount Added:	50.00	Units: uL	
MIX I Hi_00176	Amount Added:	50.00	Units: uL	
Ethanol mix_00089	Amount Added:	50.00	Units: uL	
7 Freons Hi_00002	Amount Added:	50.00	Units: uL	
ACROLEIN W_00169	Amount Added:	40.00	Units: uL	
GAS Hi_00469	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:57:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17

Lims ID: STD500

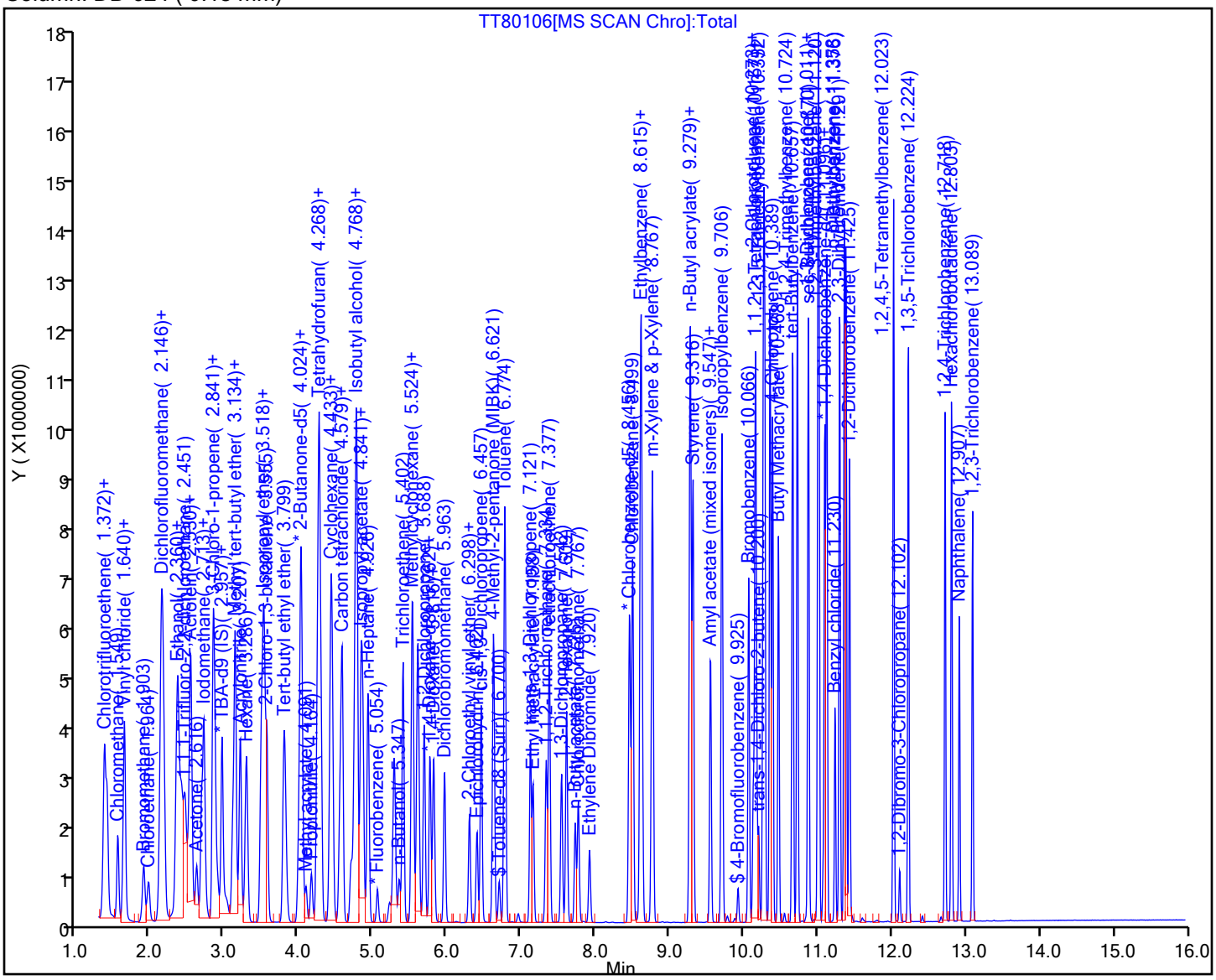
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

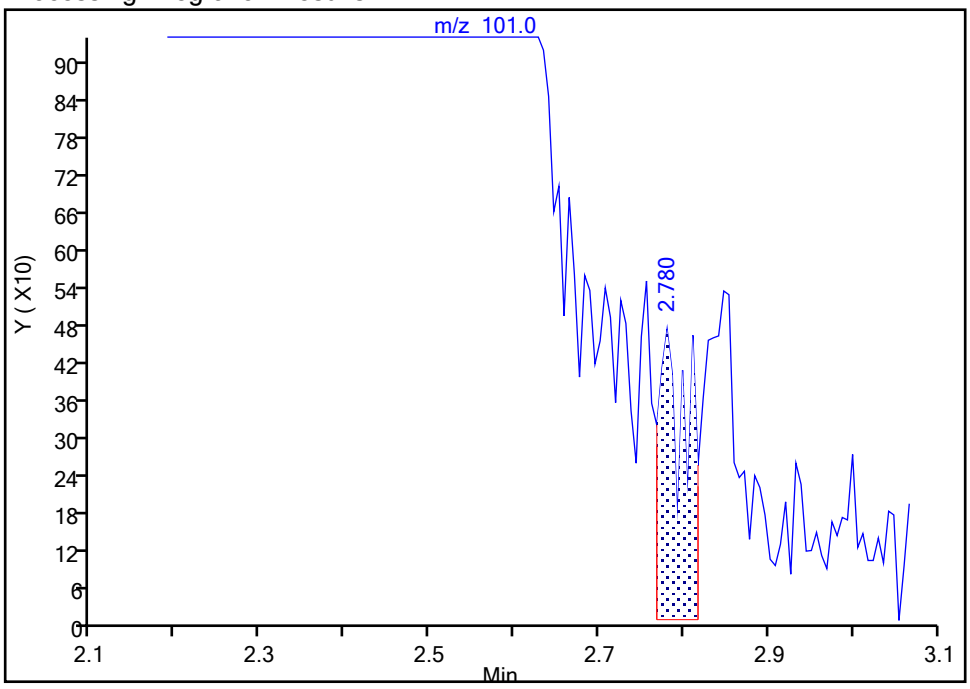
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

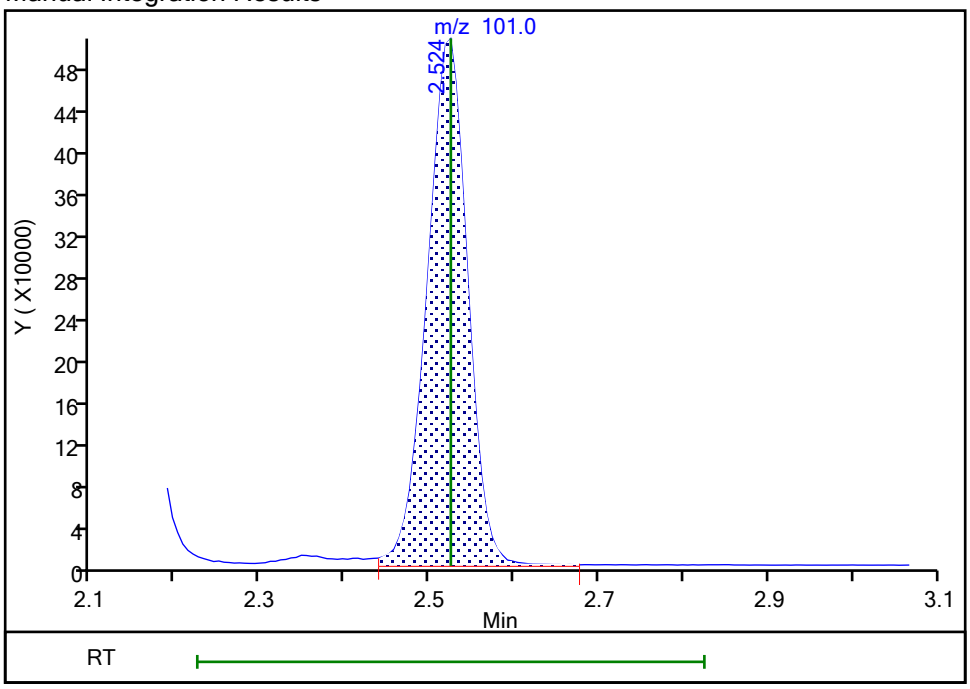
Processing Integration Results

RT: 2.78
Area: 1114
Amount: 0.351423
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 1694592
Amount: 482.9942
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:41:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

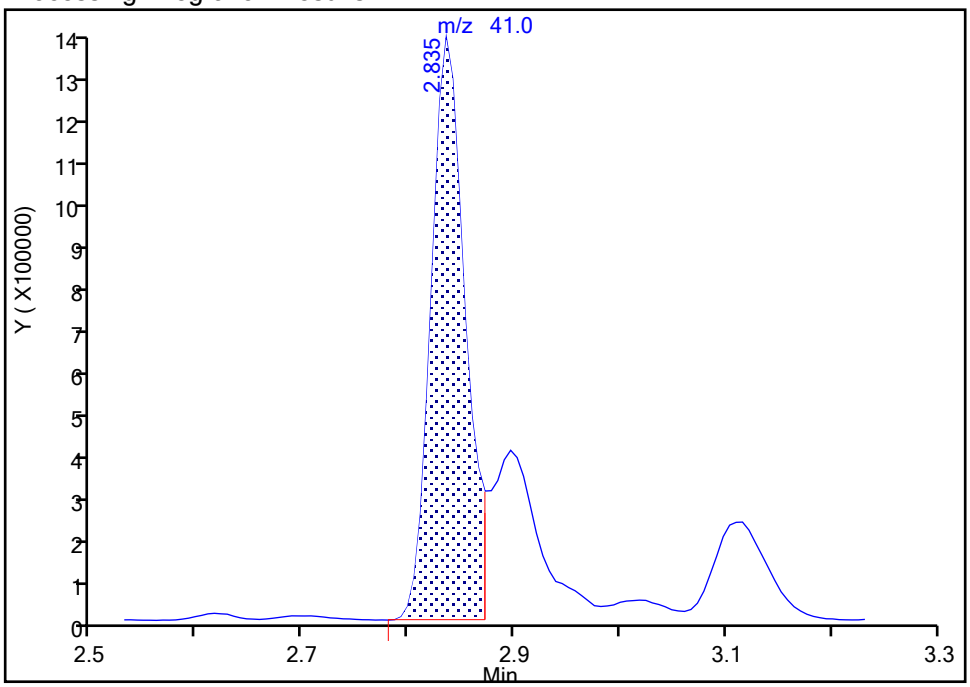
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

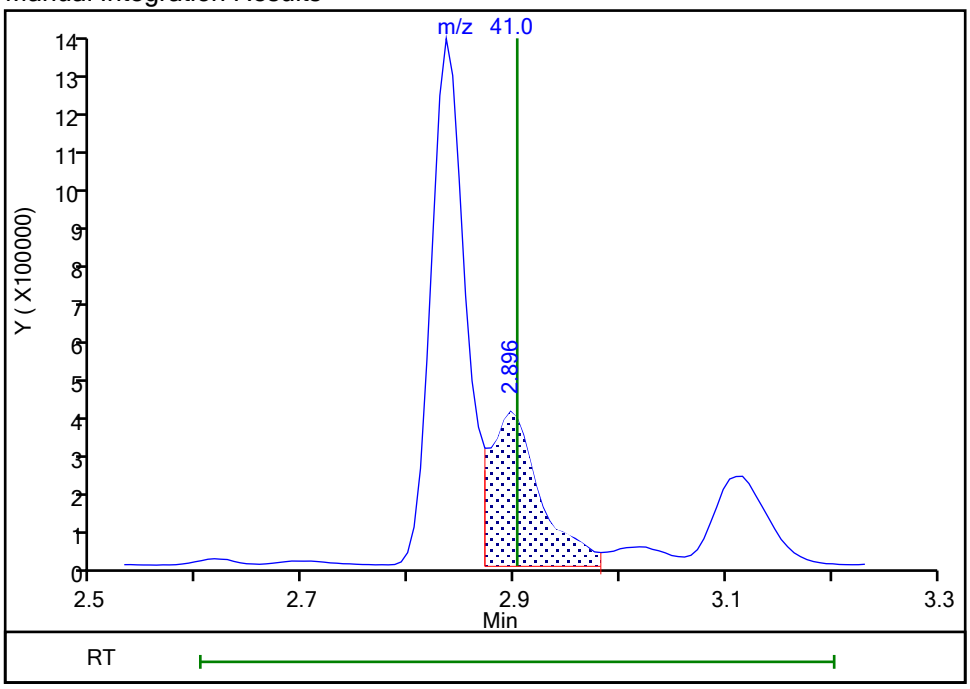
Processing Integration Results

RT: 2.84
Area: 2990584
Amount: 5744.8940
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 1292894
Amount: 5015.3951
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:42:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

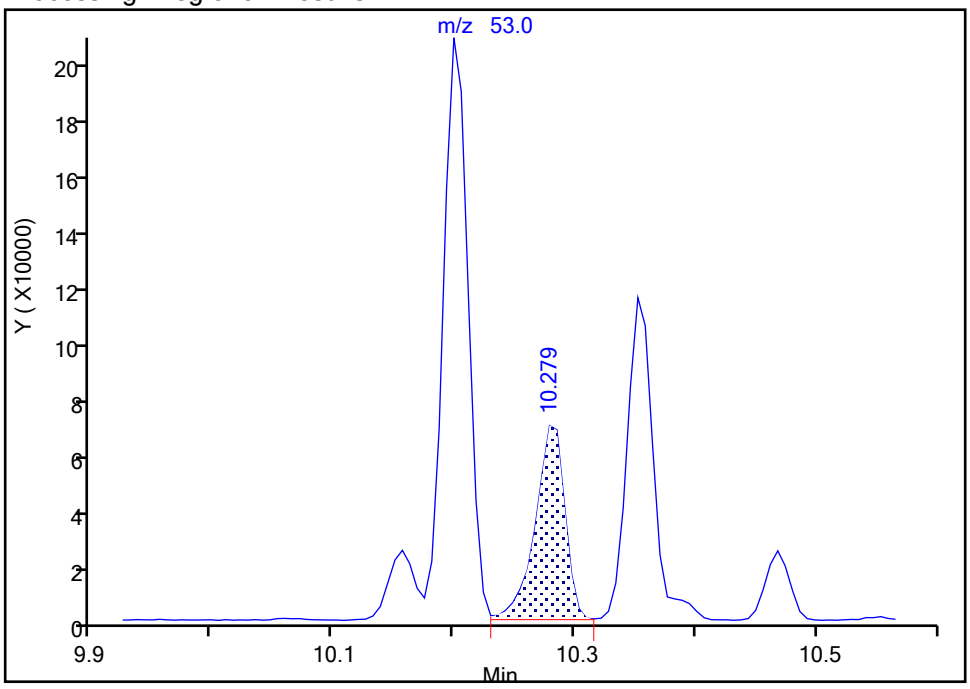
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

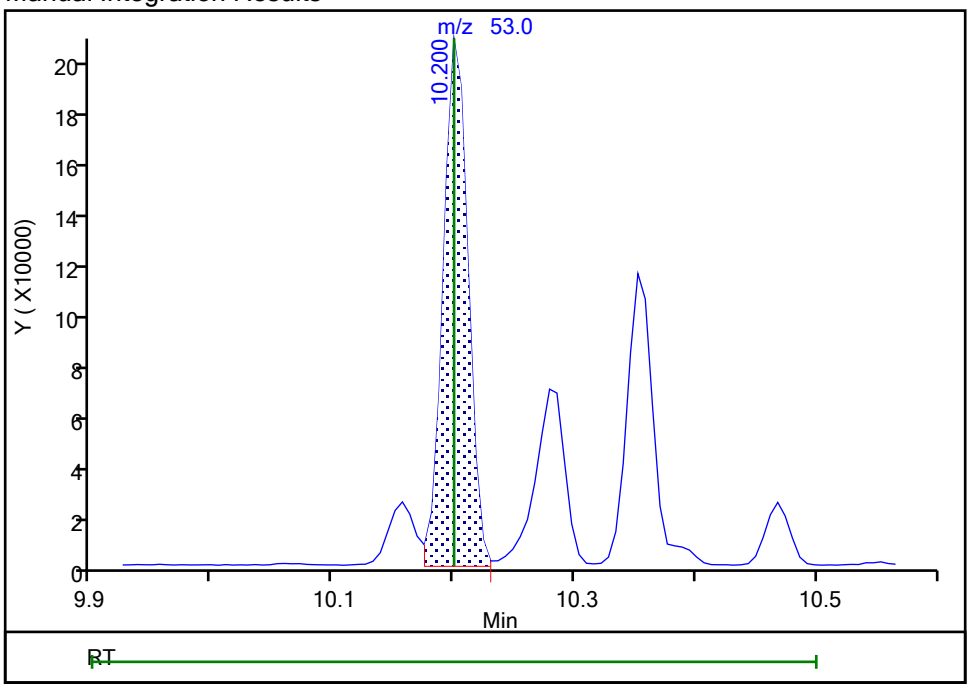
Processing Integration Results

RT: 10.28
Area: 119138
Amount: 215.5822
Amount Units: ug/l



Manual Integration Results

RT: 10.20
Area: 297706
Amount: 506.0053
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:42:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

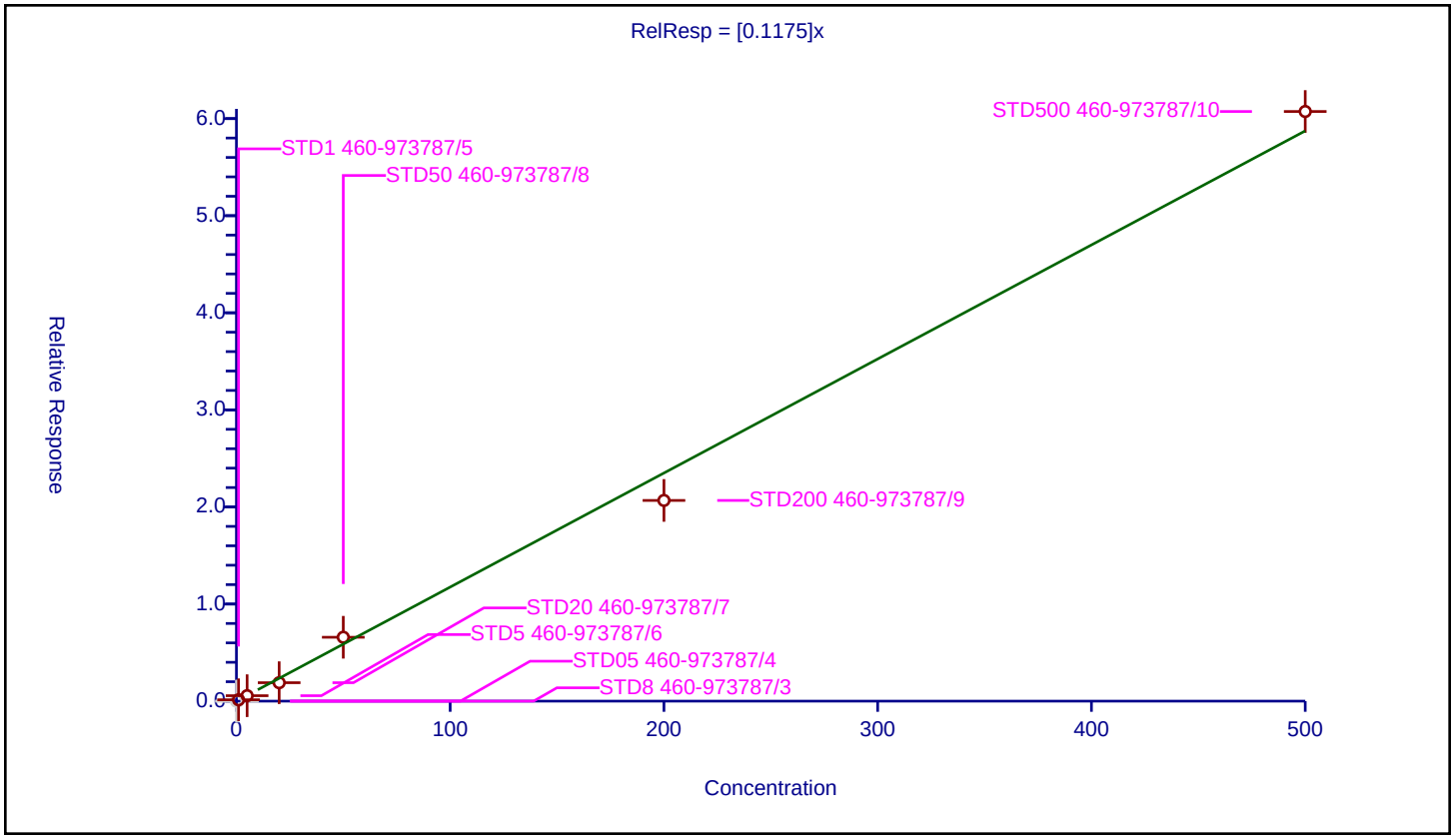
Curve Coefficients

Intercept:	0
Slope:	0.1175

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	1.0	0.14103	50.0	633909.0	0.14103	Y
4	STD5 460-973787/6	5.0	0.561785	50.0	623014.0	0.112357	Y
5	STD20 460-973787/7	20.0	1.899821	50.0	592819.0	0.094991	Y
6	STD50 460-973787/8	50.0	6.580844	50.0	595372.0	0.131617	Y
7	STD200 460-973787/9	200.0	20.670337	50.0	616347.0	0.103352	Y
8	STD500 460-973787/10	500.0	60.731685	50.0	627278.0	0.121463	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

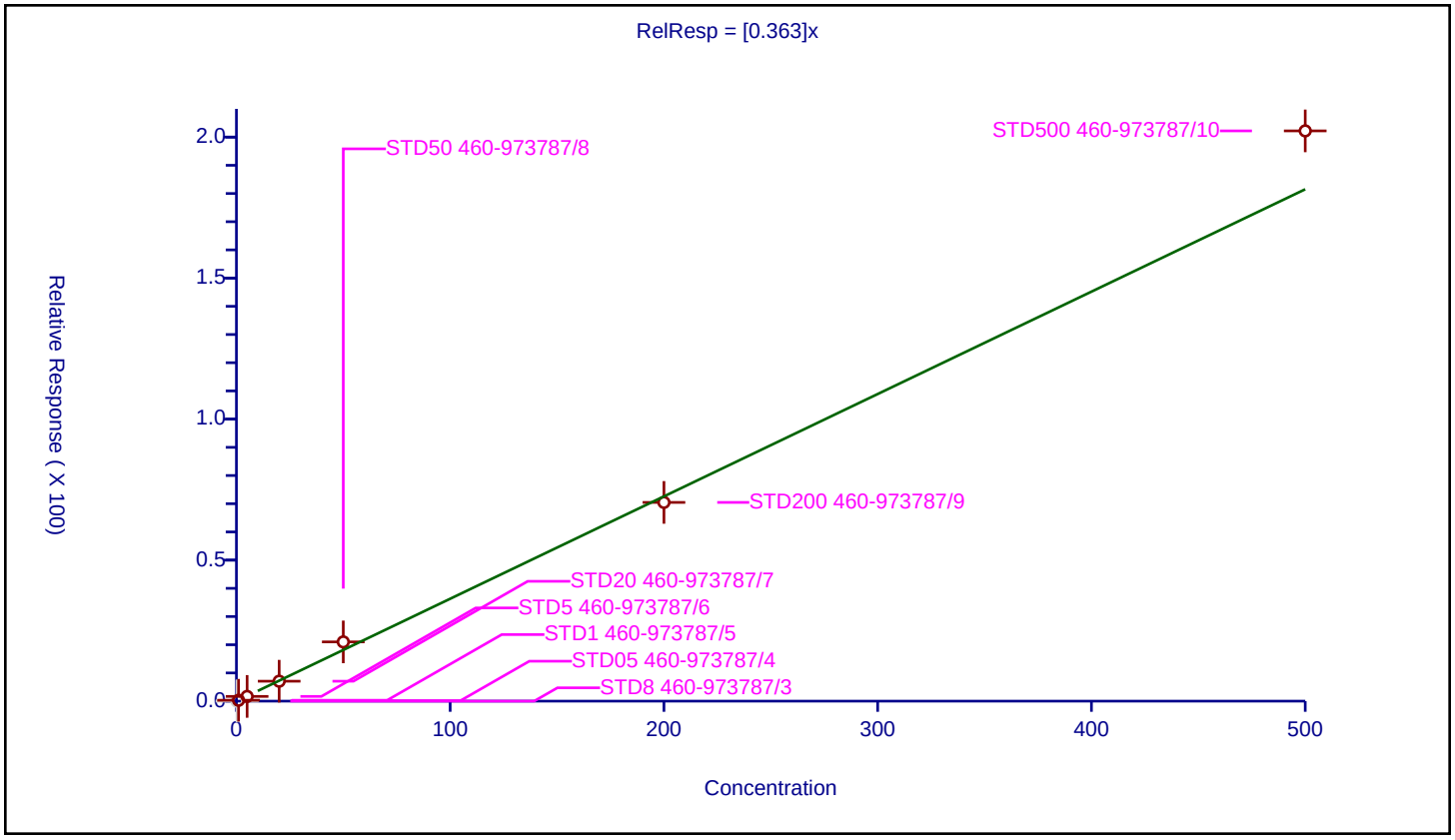
Curve Coefficients

Intercept:	0
Slope:	0.363

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.156173	50.0	591013.0	0.312345	N
3	STD1 460-973787/5	1.0	0.311717	50.0	633909.0	0.311717	Y
4	STD5 460-973787/6	5.0	1.678694	50.0	623014.0	0.335739	Y
5	STD20 460-973787/7	20.0	7.072816	50.0	592819.0	0.353641	Y
6	STD50 460-973787/8	50.0	21.006782	50.0	595372.0	0.420136	Y
7	STD200 460-973787/9	200.0	70.465582	50.0	616347.0	0.352328	Y
8	STD500 460-973787/10	500.0	202.197032	50.0	627278.0	0.404394	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

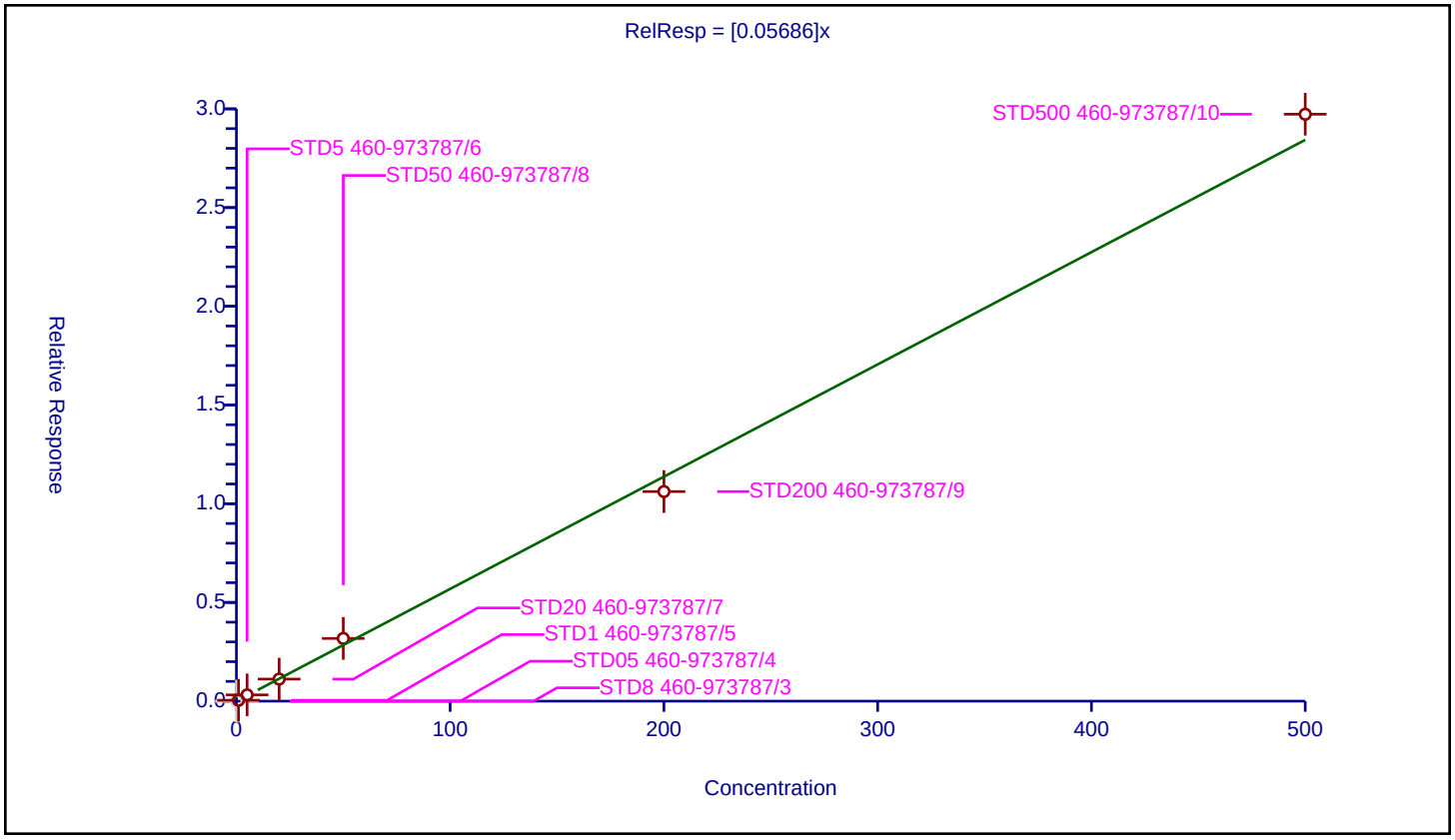
Curve Coefficients

Intercept:	0
Slope:	0.05686

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	1.0	0.045748	50.0	633909.0	0.045748	Y
4	STD5 460-973787/6	5.0	0.317168	50.0	623014.0	0.063434	Y
5	STD20 460-973787/7	20.0	1.117457	50.0	592819.0	0.055873	Y
6	STD50 460-973787/8	50.0	3.177173	50.0	595372.0	0.063543	Y
7	STD200 460-973787/9	200.0	10.616098	50.0	616347.0	0.05308	Y
8	STD500 460-973787/10	500.0	29.728366	50.0	627278.0	0.059457	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

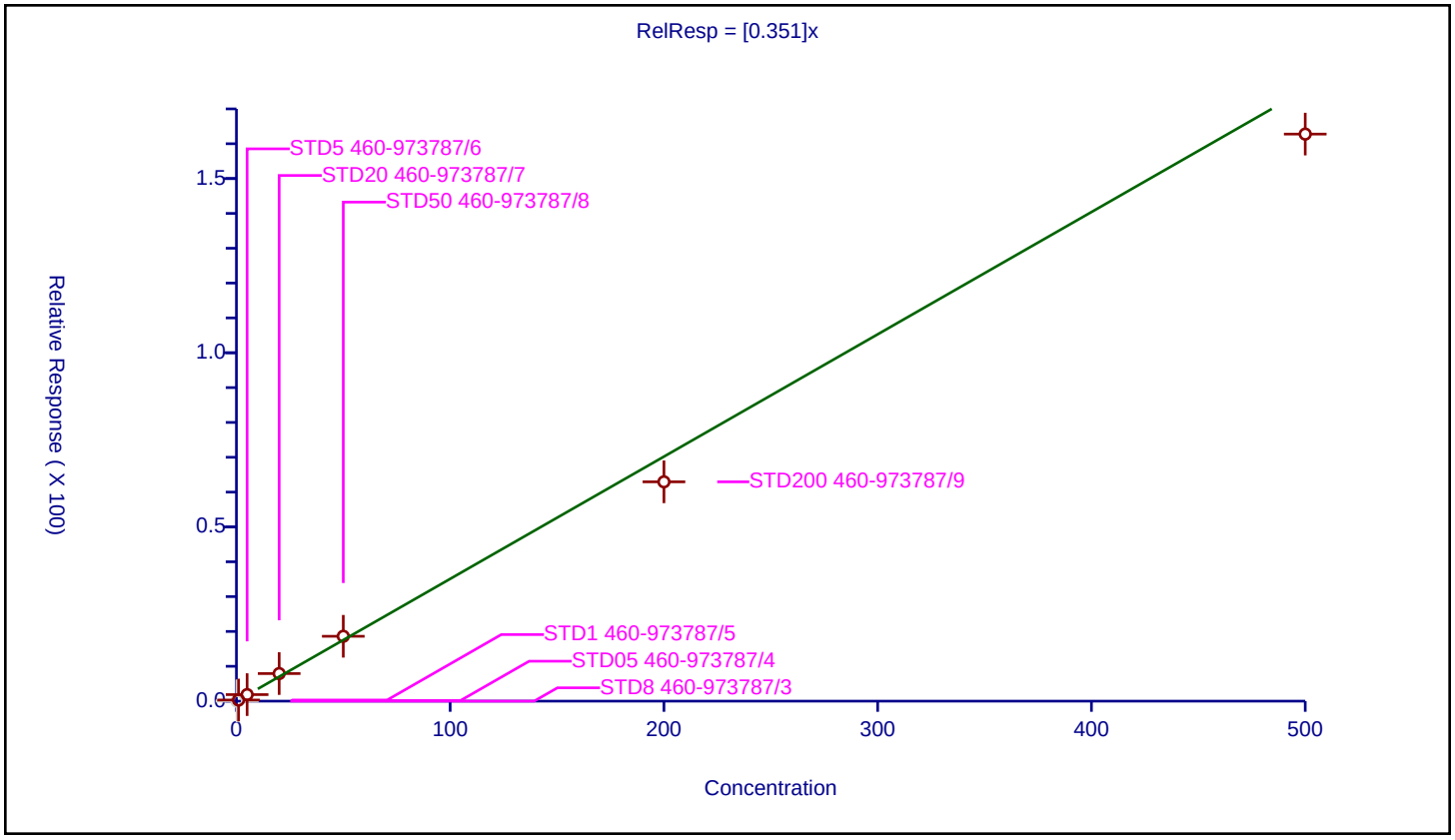
Curve Coefficients

Intercept:	0
Slope:	0.351

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.153212	50.0	591013.0	0.306423	N
3	STD1 460-973787/5	1.0	0.322365	50.0	633909.0	0.322365	Y
4	STD5 460-973787/6	5.0	1.875239	50.0	623014.0	0.375048	Y
5	STD20 460-973787/7	20.0	7.914895	50.0	592819.0	0.395745	Y
6	STD50 460-973787/8	50.0	18.622559	50.0	595372.0	0.372451	Y
7	STD200 460-973787/9	200.0	62.951308	50.0	616347.0	0.314757	Y
8	STD500 460-973787/10	500.0	162.76882	50.0	627278.0	0.325538	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

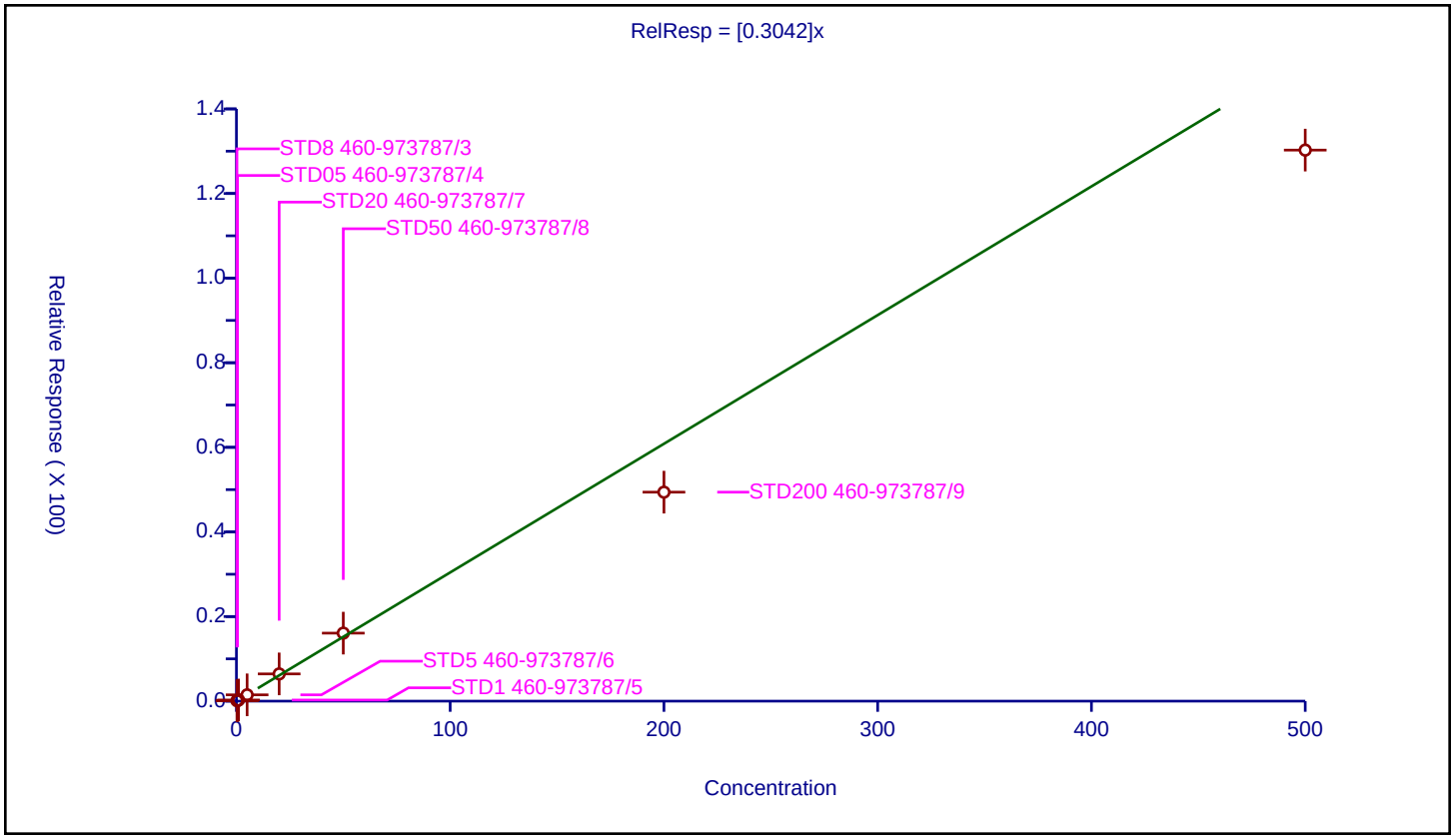
Curve Coefficients

Intercept:	0
Slope:	0.3042

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.102024	50.0	623873.0	0.408096	Y
2	STD05 460-973787/4	0.5	0.157526	50.0	591013.0	0.315052	Y
3	STD1 460-973787/5	1.0	0.262025	50.0	633909.0	0.262025	Y
4	STD5 460-973787/6	5.0	1.486403	50.0	623014.0	0.297281	Y
5	STD20 460-973787/7	20.0	6.437125	50.0	592819.0	0.321856	Y
6	STD50 460-973787/8	50.0	16.077175	50.0	595372.0	0.321544	Y
7	STD200 460-973787/9	200.0	49.402285	50.0	616347.0	0.247011	Y
8	STD500 460-973787/10	500.0	130.260985	50.0	627278.0	0.260522	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

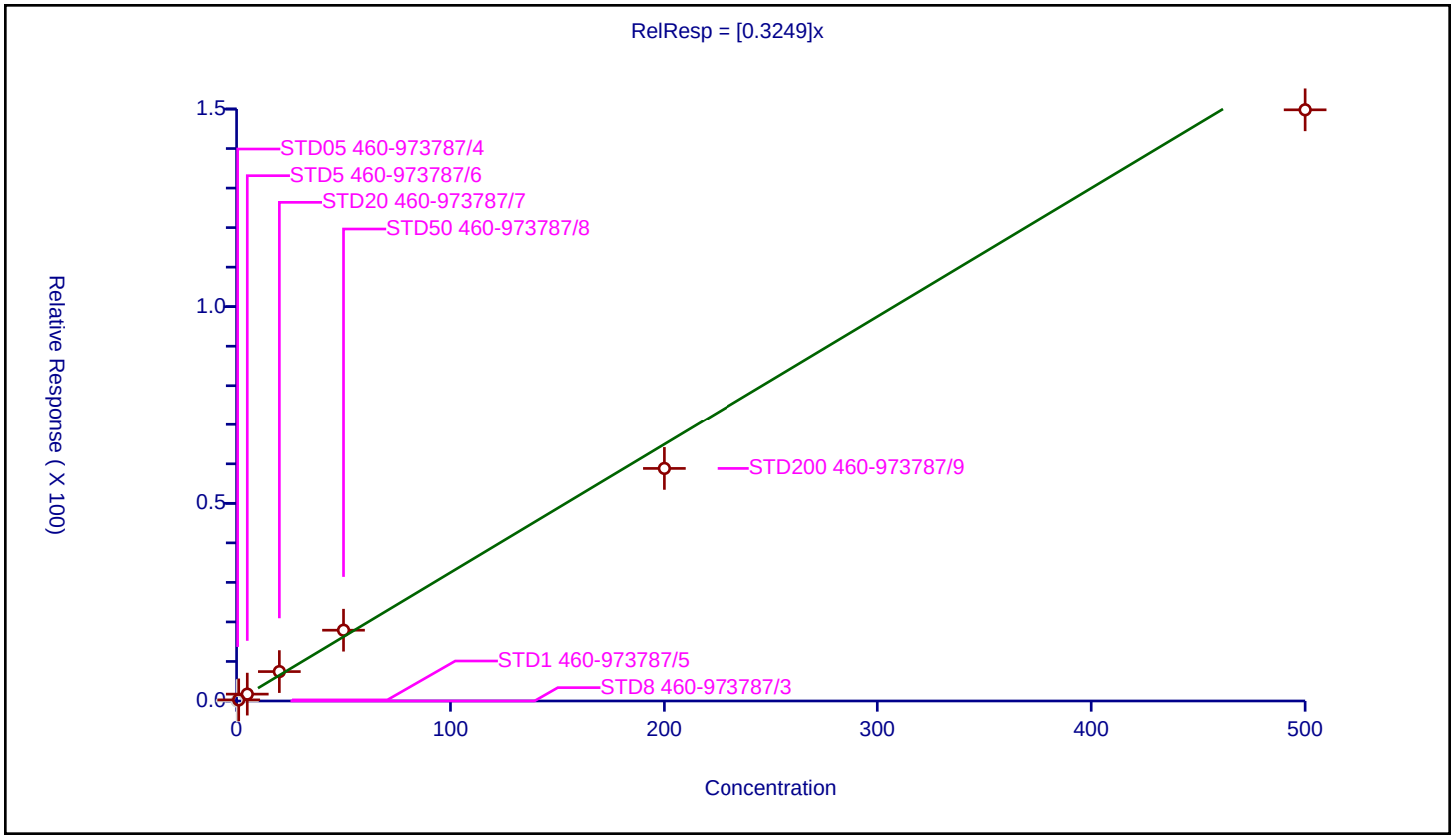
Curve Coefficients

Intercept:	0
Slope:	0.3249

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.175884	50.0	591013.0	0.351769	N
3	STD1 460-973787/5	1.0	0.278037	50.0	633909.0	0.278037	Y
4	STD5 460-973787/6	5.0	1.738966	50.0	623014.0	0.347793	Y
5	STD20 460-973787/7	20.0	7.43937	50.0	592819.0	0.371969	Y
6	STD50 460-973787/8	50.0	17.90662	50.0	595372.0	0.358132	Y
7	STD200 460-973787/9	200.0	58.831876	50.0	616347.0	0.294159	Y
8	STD500 460-973787/10	500.0	149.79961	50.0	627278.0	0.299599	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

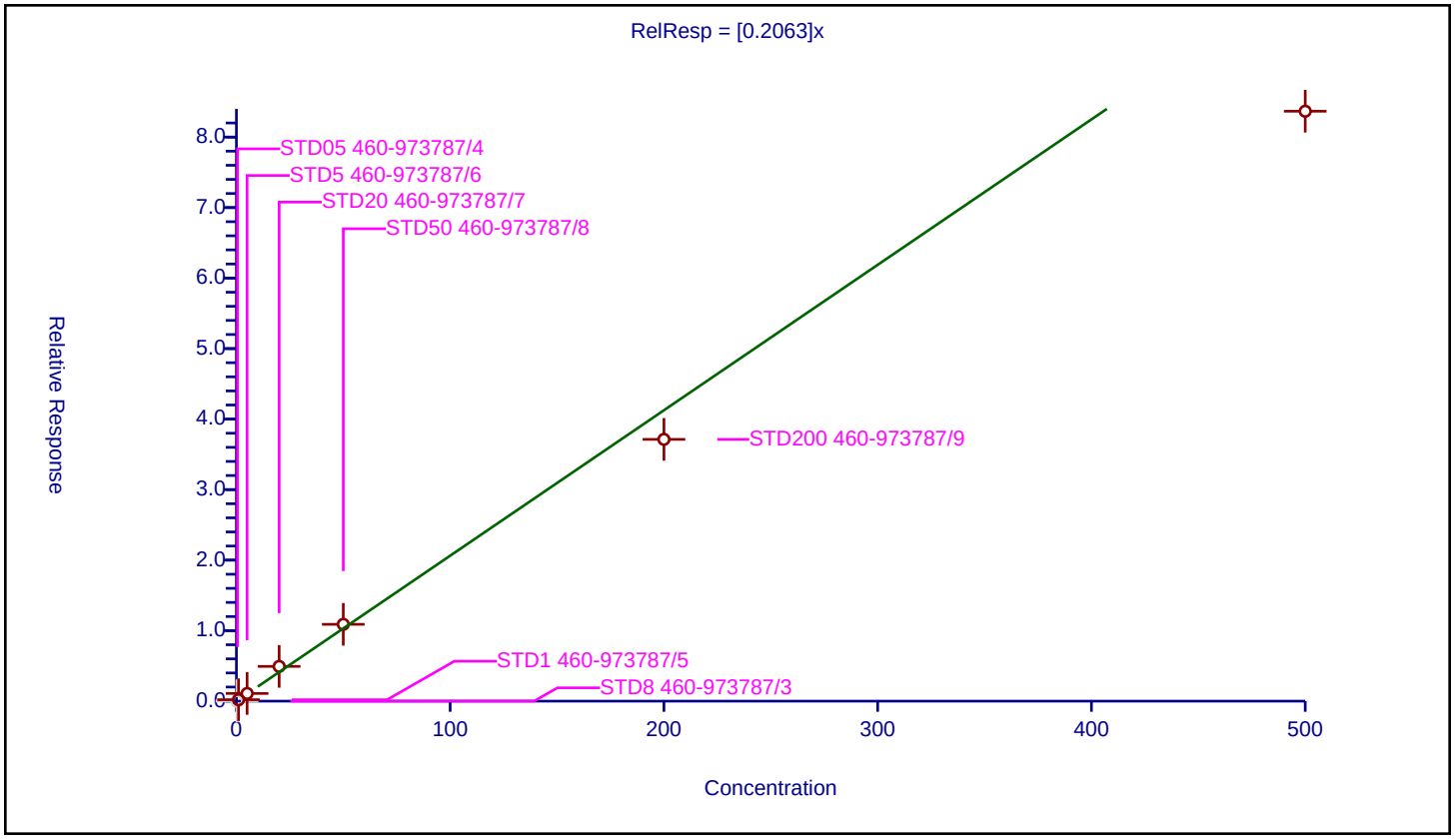
Curve Coefficients

Intercept:	0
Slope:	0.2063

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.122079	50.0	591013.0	0.244157	N
3	STD1 460-973787/5	1.0	0.202237	50.0	633909.0	0.202237	Y
4	STD5 460-973787/6	5.0	1.090987	50.0	623014.0	0.218197	Y
5	STD20 460-973787/7	20.0	4.926883	50.0	592819.0	0.246344	Y
6	STD50 460-973787/8	50.0	10.894701	50.0	595372.0	0.217894	Y
7	STD200 460-973787/9	200.0	37.12876	50.0	616347.0	0.185644	Y
8	STD500 460-973787/10	500.0	83.665855	50.0	627278.0	0.167332	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

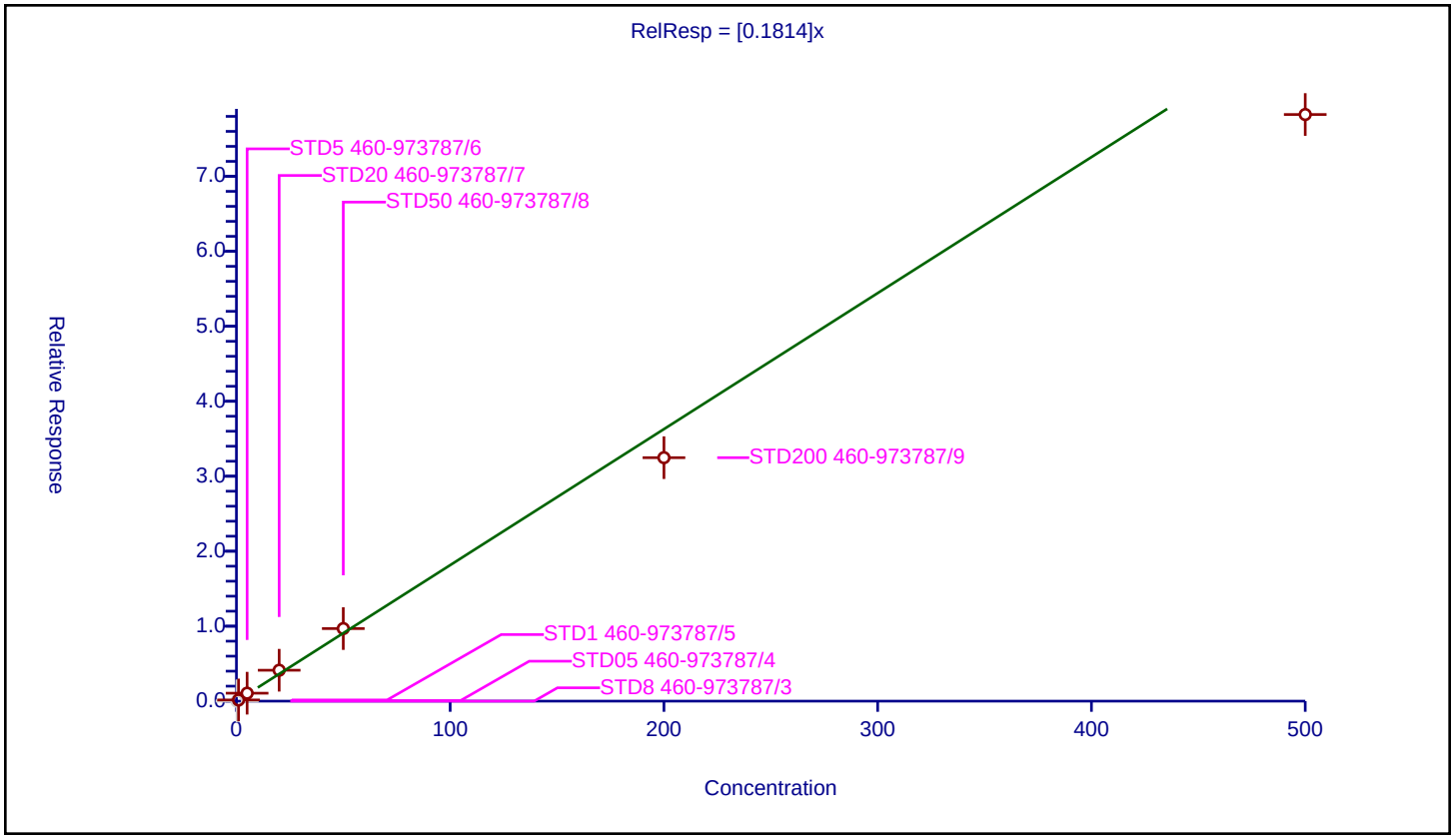
Curve Coefficients

Intercept:	0
Slope:	0.1814

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.065312	50.0	591013.0	0.130623	N
3	STD1 460-973787/5	1.0	0.157672	50.0	633909.0	0.157672	Y
4	STD5 460-973787/6	5.0	1.061533	50.0	623014.0	0.212307	Y
5	STD20 460-973787/7	20.0	4.122169	50.0	592819.0	0.206108	Y
6	STD50 460-973787/8	50.0	9.678151	50.0	595372.0	0.193563	Y
7	STD200 460-973787/9	200.0	32.477241	50.0	616347.0	0.162386	Y
8	STD500 460-973787/10	500.0	78.249994	50.0	627278.0	0.1565	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

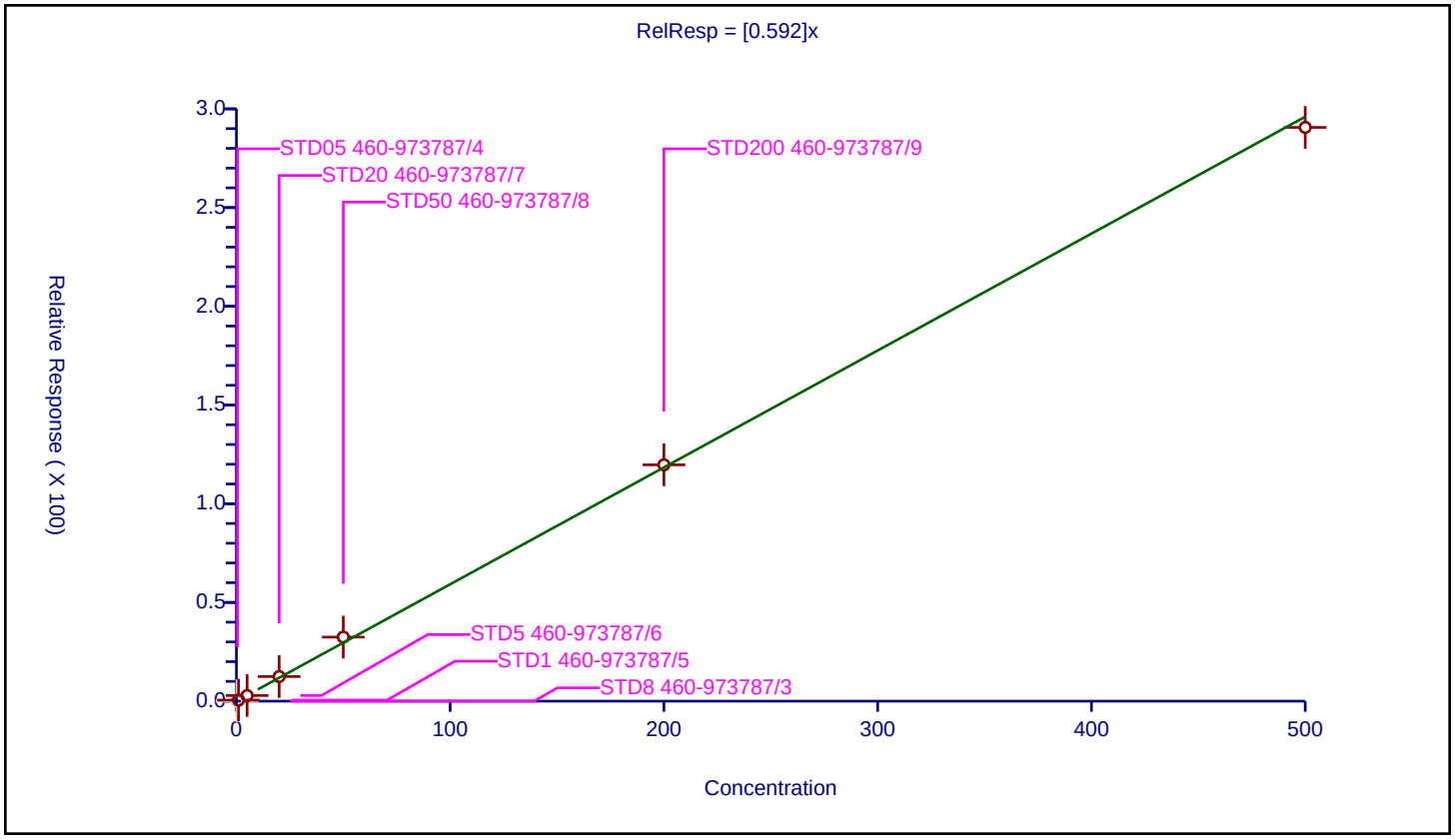
Curve Coefficients

Intercept:	0
Slope:	0.592

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.364713	50.0	591013.0	0.729426	N
3	STD1 460-973787/5	1.0	0.533357	50.0	633909.0	0.533357	Y
4	STD5 460-973787/6	5.0	2.837256	50.0	623014.0	0.567451	Y
5	STD20 460-973787/7	20.0	12.455235	50.0	592819.0	0.622762	Y
6	STD50 460-973787/8	50.0	32.441314	50.0	595372.0	0.648826	Y
7	STD200 460-973787/9	200.0	119.69548	50.0	616347.0	0.598477	Y
8	STD500 460-973787/10	500.0	290.604804	50.0	627278.0	0.58121	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

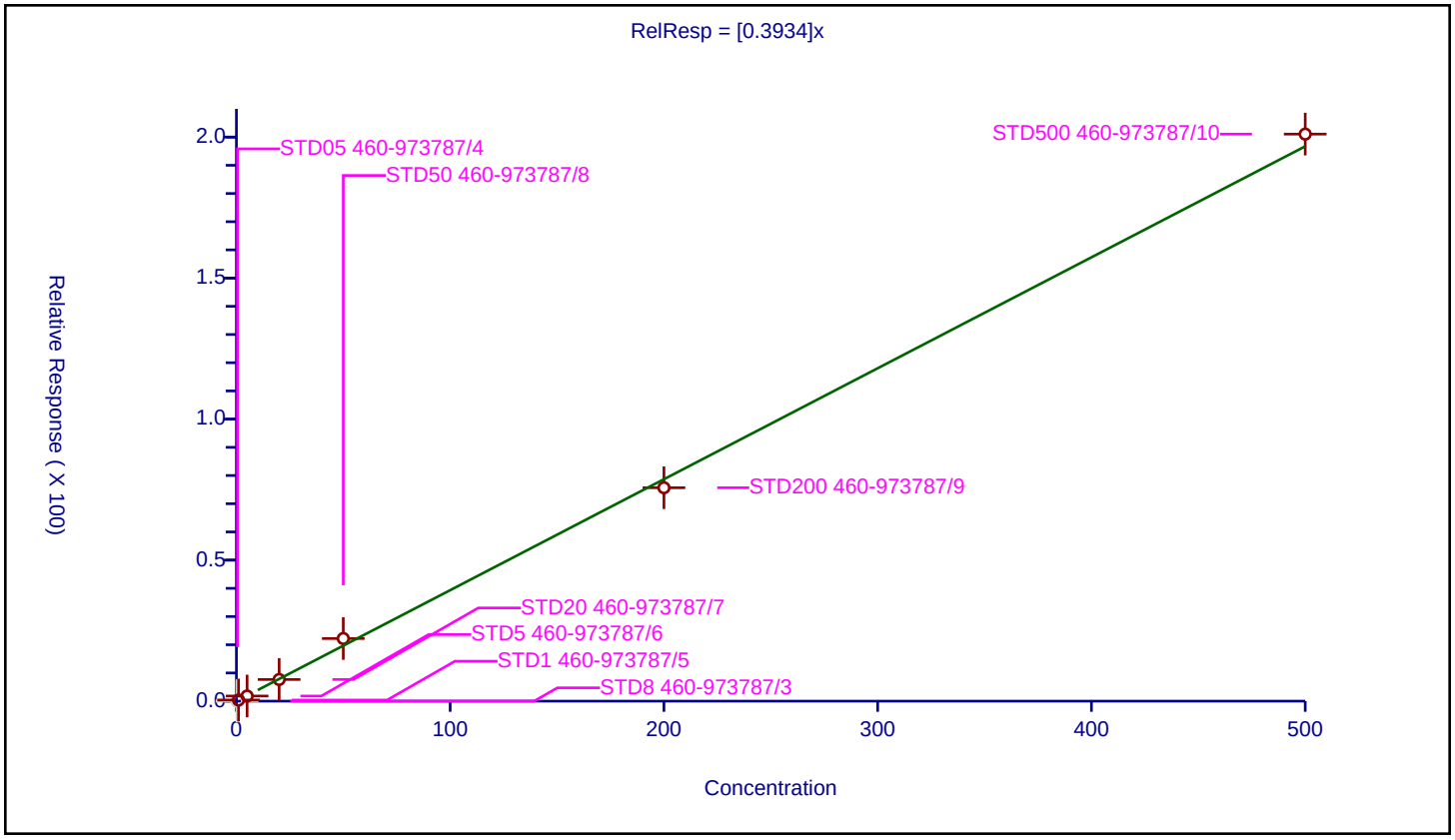
Curve Coefficients

Intercept:	0
Slope:	0.3934

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.27419	50.0	591013.0	0.54838	N
3	STD1 460-973787/5	1.0	0.388226	50.0	633909.0	0.388226	Y
4	STD5 460-973787/6	5.0	1.819622	50.0	623014.0	0.363924	Y
5	STD20 460-973787/7	20.0	7.675108	50.0	592819.0	0.383755	Y
6	STD50 460-973787/8	50.0	22.209896	50.0	595372.0	0.444198	Y
7	STD200 460-973787/9	200.0	75.669225	50.0	616347.0	0.378346	Y
8	STD500 460-973787/10	500.0	201.056709	50.0	627278.0	0.402113	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

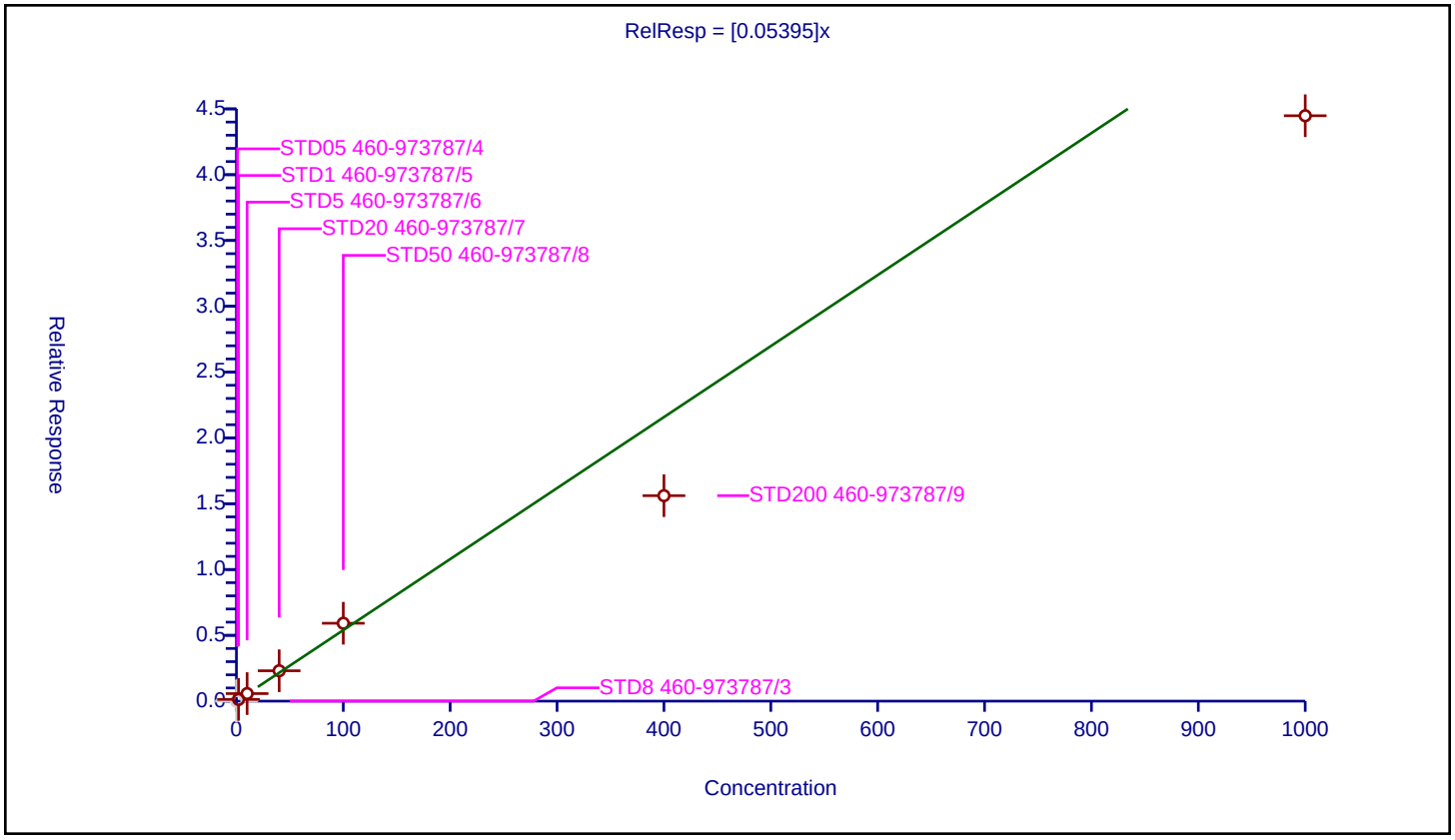
Curve Coefficients

Intercept:	0
Slope:	0.05395

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.082824	50.0	591013.0	0.082824	N
3	STD1 460-973787/5	2.0	0.131801	50.0	633909.0	0.065901	Y
4	STD5 460-973787/6	10.0	0.574064	50.0	623014.0	0.057406	Y
5	STD20 460-973787/7	40.0	2.30863	50.0	592819.0	0.057716	Y
6	STD50 460-973787/8	100.0	5.918317	50.0	595372.0	0.059183	Y
7	STD200 460-973787/9	400.0	15.611011	50.0	616347.0	0.039028	Y
8	STD500 460-973787/10	1000.0	44.47988	50.0	627278.0	0.04448	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

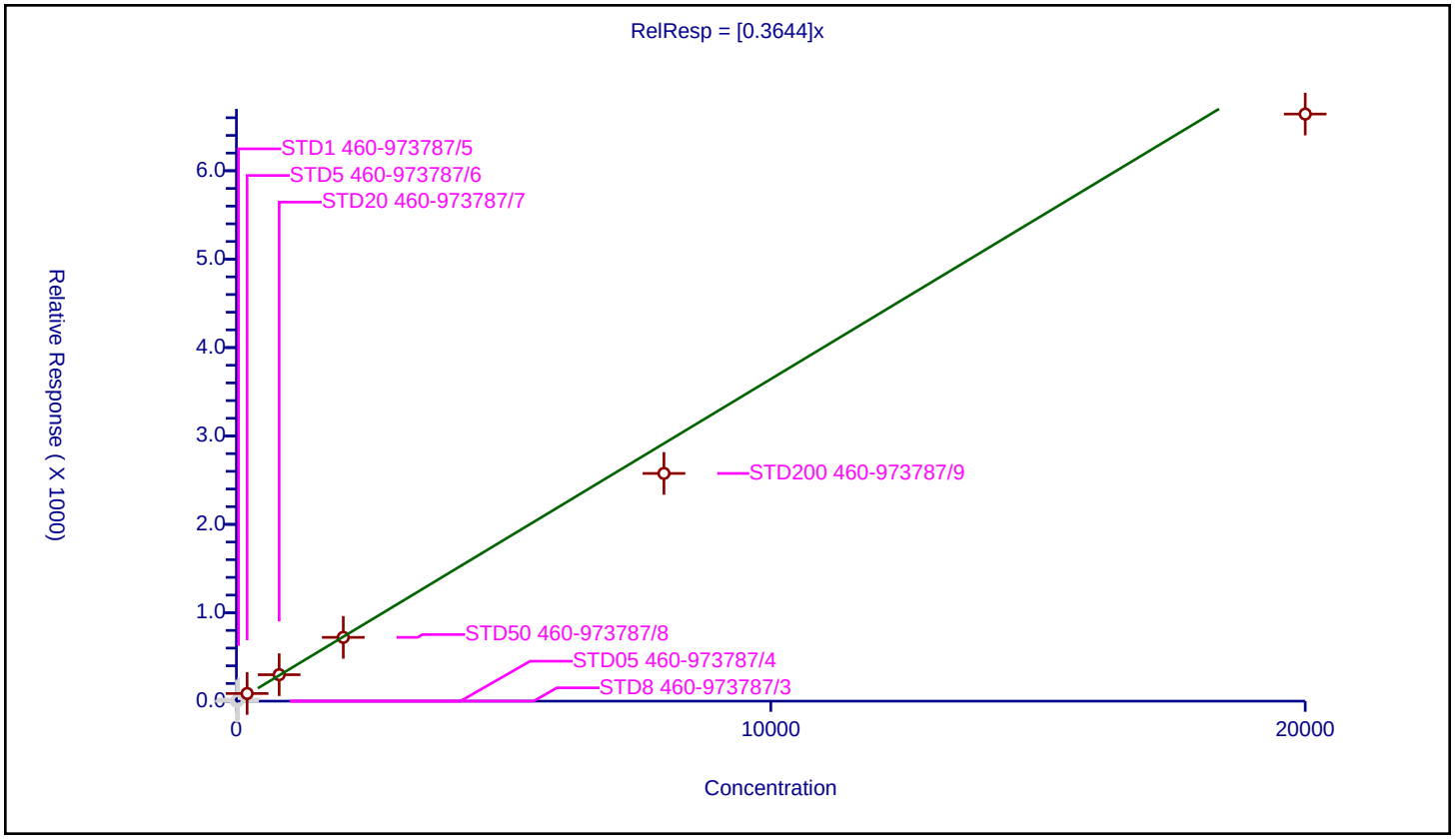
Curve Coefficients

Intercept:	0
Slope:	0.3644

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	20.0	0.0	1000.0	26640.0	0.0	N
3	STD1 460-973787/5	40.0	23.333809	1000.0	28028.0	0.583345	N
4	STD5 460-973787/6	200.0	86.6483	1000.0	29764.0	0.433241	Y
5	STD20 460-973787/7	800.0	298.934777	1000.0	28257.0	0.373668	Y
6	STD50 460-973787/8	2000.0	721.605259	1000.0	28905.0	0.360803	Y
7	STD200 460-973787/9	8000.0	2576.15327	1000.0	28029.0	0.322019	Y
8	STD500 460-973787/10	20000.0	6641.564998	1000.0	30901.0	0.332078	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

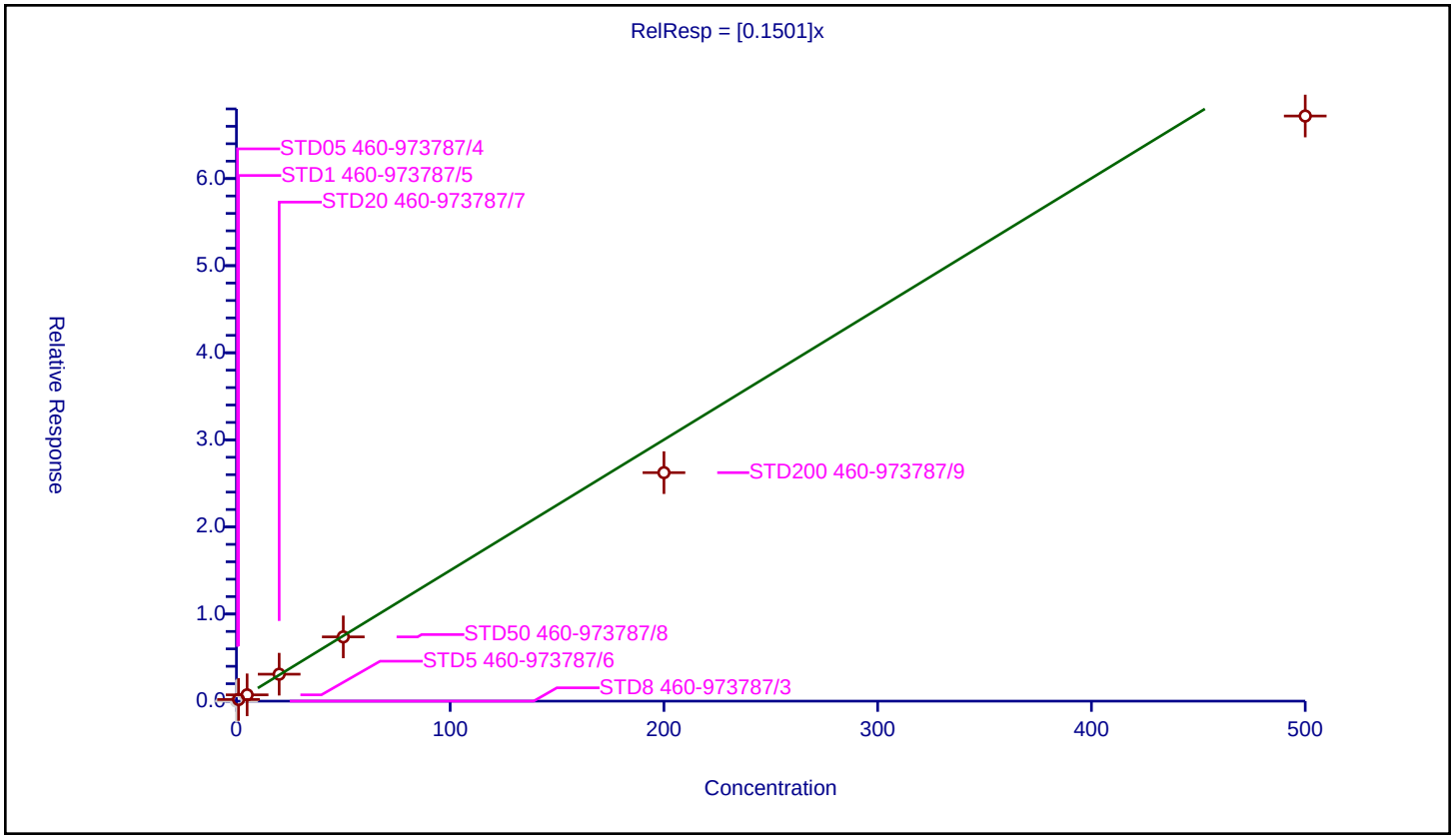
Curve Coefficients

Intercept:	0
Slope:	0.1501

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.127662	50.0	591013.0	0.255324	N
3	STD1 460-973787/5	1.0	0.188197	50.0	633909.0	0.188197	Y
4	STD5 460-973787/6	5.0	0.722696	50.0	623014.0	0.144539	Y
5	STD20 460-973787/7	20.0	3.093271	50.0	592819.0	0.154664	Y
6	STD50 460-973787/8	50.0	7.378832	50.0	595372.0	0.147577	Y
7	STD200 460-973787/9	200.0	26.235384	50.0	616347.0	0.131177	Y
8	STD500 460-973787/10	500.0	67.183928	50.0	627278.0	0.134368	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

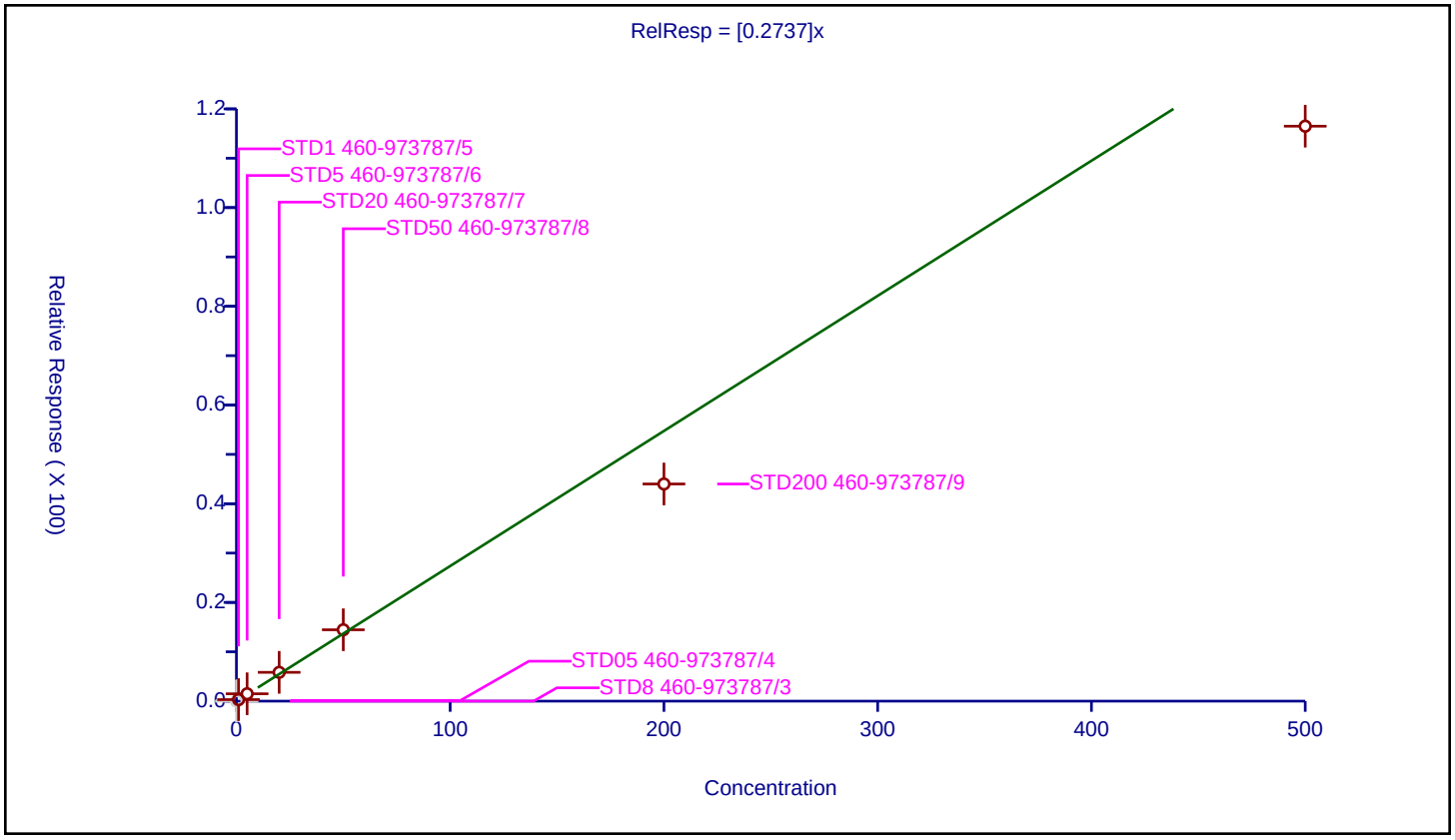
Curve Coefficients

Intercept:	0
Slope:	0.2737

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.136038	50.0	591013.0	0.272075	N
3	STD1 460-973787/5	1.0	0.310139	50.0	633909.0	0.310139	Y
4	STD5 460-973787/6	5.0	1.491861	50.0	623014.0	0.298372	Y
5	STD20 460-973787/7	20.0	5.83399	50.0	592819.0	0.291699	Y
6	STD50 460-973787/8	50.0	14.459447	50.0	595372.0	0.289189	Y
7	STD200 460-973787/9	200.0	43.998673	50.0	616347.0	0.219993	Y
8	STD500 460-973787/10	500.0	116.498427	50.0	627278.0	0.232997	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

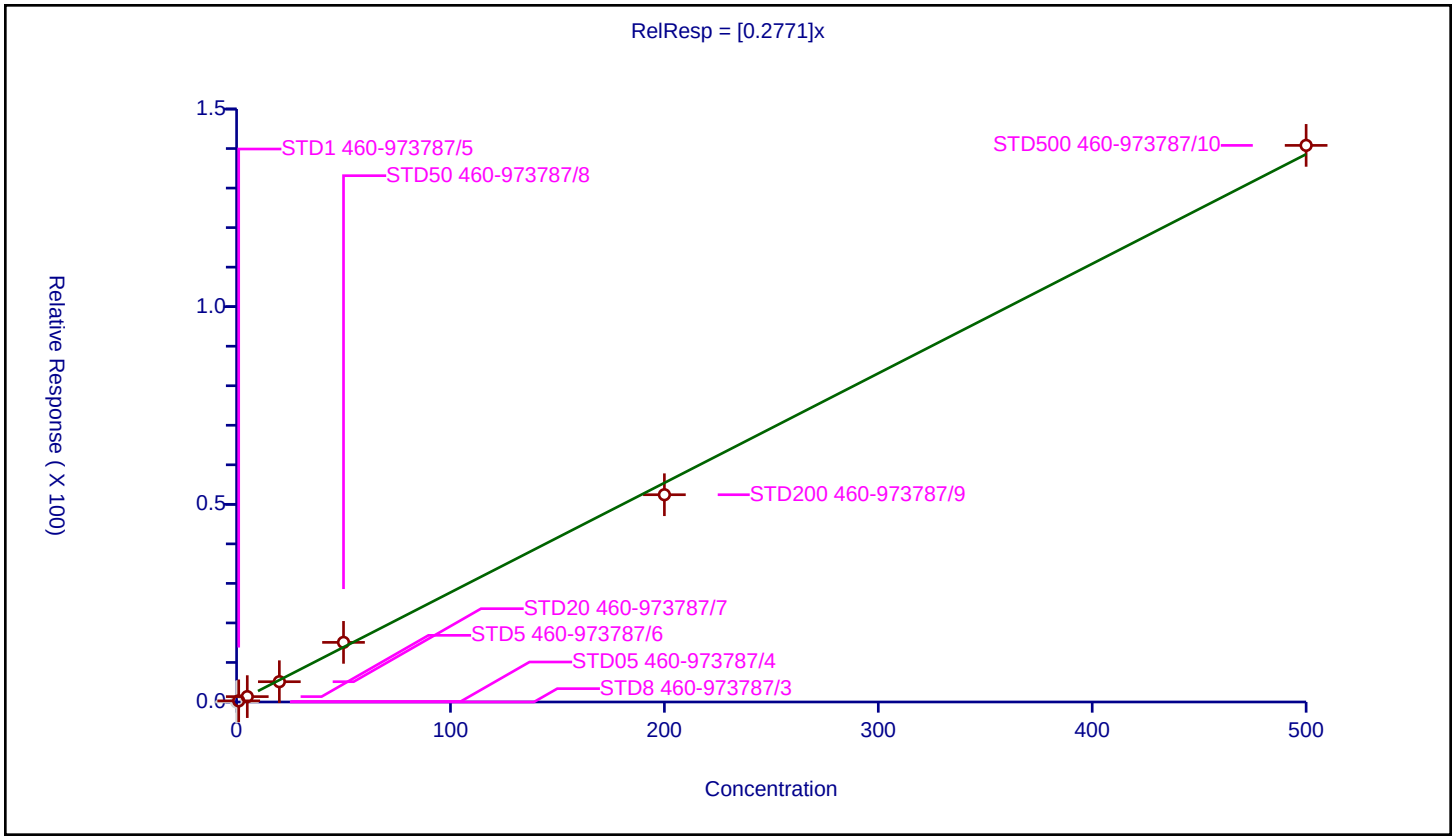
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.133669	50.0	591013.0	0.267338	N
3	STD1 460-973787/5	1.0	0.289	50.0	633909.0	0.289	Y
4	STD5 460-973787/6	5.0	1.35952	50.0	623014.0	0.271904	Y
5	STD20 460-973787/7	20.0	5.130655	50.0	592819.0	0.256533	Y
6	STD50 460-973787/8	50.0	15.078892	50.0	595372.0	0.301578	Y
7	STD200 460-973787/9	200.0	52.430855	50.0	616347.0	0.262154	Y
8	STD500 460-973787/10	500.0	140.801367	50.0	627278.0	0.281603	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

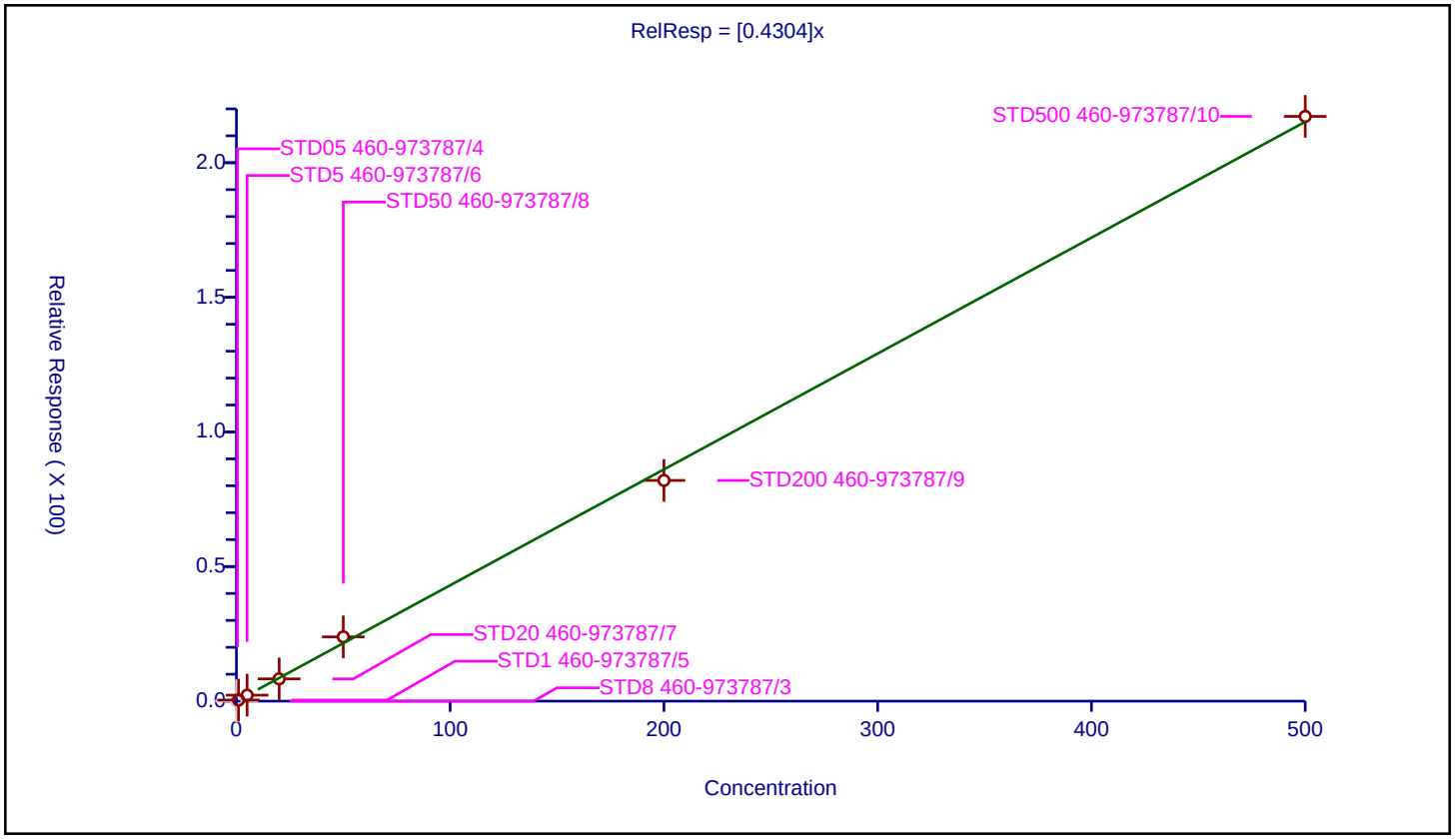
Curve Coefficients

Intercept:	0
Slope:	0.4304

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.291449	50.0	591013.0	0.582897	N
3	STD1 460-973787/5	1.0	0.402424	50.0	633909.0	0.402424	Y
4	STD5 460-973787/6	5.0	2.220255	50.0	623014.0	0.444051	Y
5	STD20 460-973787/7	20.0	8.27934	50.0	592819.0	0.413967	Y
6	STD50 460-973787/8	50.0	23.8786	50.0	595372.0	0.477572	Y
7	STD200 460-973787/9	200.0	81.995369	50.0	616347.0	0.409977	Y
8	STD500 460-973787/10	500.0	217.212783	50.0	627278.0	0.434426	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

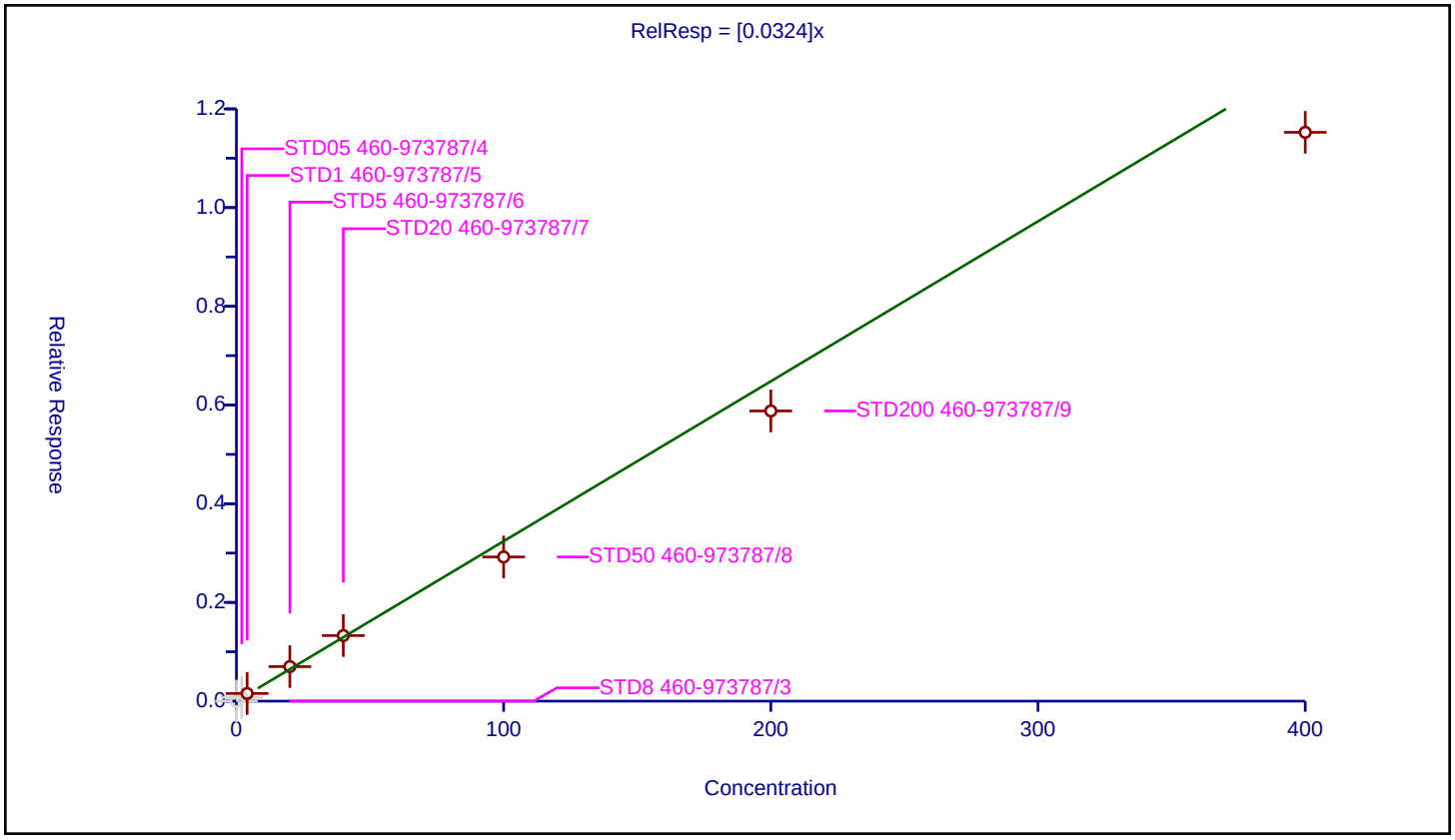
Curve Coefficients

Intercept:	0
Slope:	0.0324

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	2.0	0.077325	50.0	591013.0	0.038662	N
3	STD1 460-973787/5	4.0	0.155227	50.0	633909.0	0.038807	Y
4	STD5 460-973787/6	20.0	0.699663	50.0	623014.0	0.034983	Y
5	STD20 460-973787/7	40.0	1.328146	50.0	592819.0	0.033204	Y
6	STD50 460-973787/8	100.0	2.921451	50.0	595372.0	0.029215	Y
7	STD200 460-973787/9	200.0	5.879561	50.0	616347.0	0.029398	Y
8	STD500 460-973787/10	400.0	11.525034	50.0	627278.0	0.028813	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

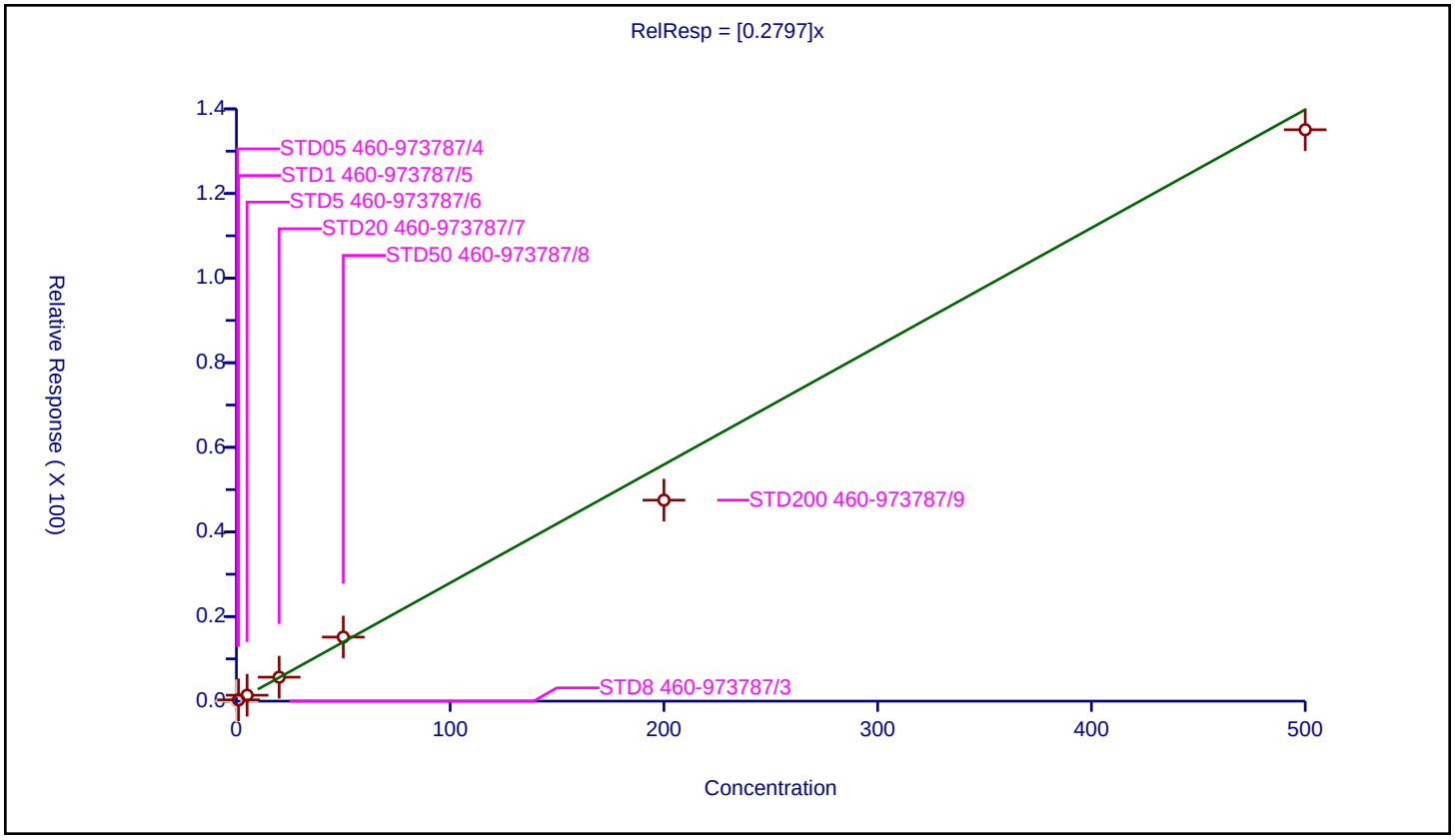
Curve Coefficients

Intercept:	0
Slope:	0.2797

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.180368	50.0	591013.0	0.360737	N
3	STD1 460-973787/5	1.0	0.303514	50.0	633909.0	0.303514	Y
4	STD5 460-973787/6	5.0	1.403098	50.0	623014.0	0.28062	Y
5	STD20 460-973787/7	20.0	5.664714	50.0	592819.0	0.283236	Y
6	STD50 460-973787/8	50.0	15.144985	50.0	595372.0	0.3029	Y
7	STD200 460-973787/9	200.0	47.510412	50.0	616347.0	0.237552	Y
8	STD500 460-973787/10	500.0	135.075038	50.0	627278.0	0.27015	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

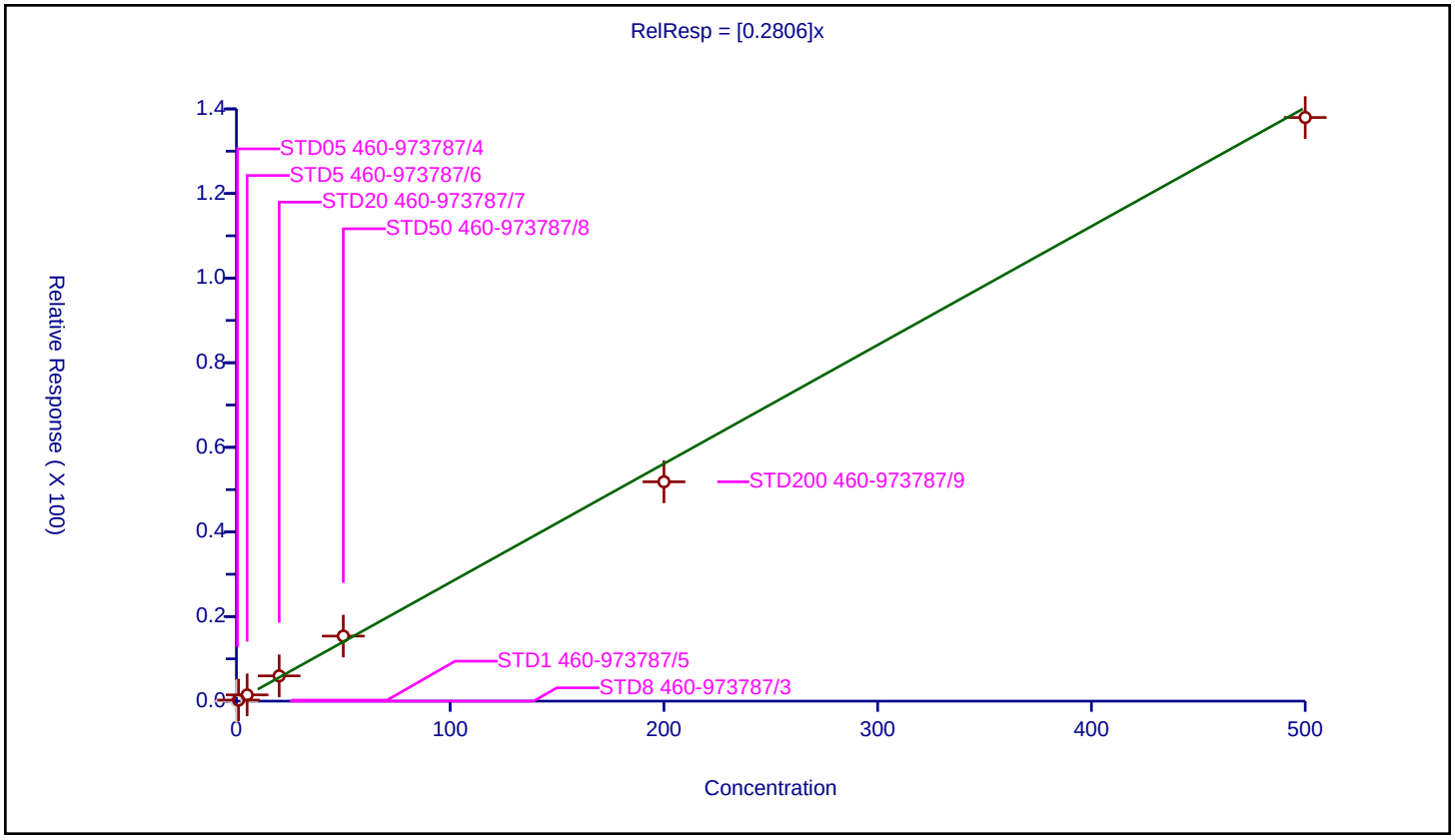
Curve Coefficients

Intercept:	0
Slope:	0.2806

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.195343	50.0	591013.0	0.390685	N
3	STD1 460-973787/5	1.0	0.246881	50.0	633909.0	0.246881	Y
4	STD5 460-973787/6	5.0	1.477575	50.0	623014.0	0.295515	Y
5	STD20 460-973787/7	20.0	5.972565	50.0	592819.0	0.298628	Y
6	STD50 460-973787/8	50.0	15.375177	50.0	595372.0	0.307504	Y
7	STD200 460-973787/9	200.0	51.849445	50.0	616347.0	0.259247	Y
8	STD500 460-973787/10	500.0	137.96929	50.0	627278.0	0.275939	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

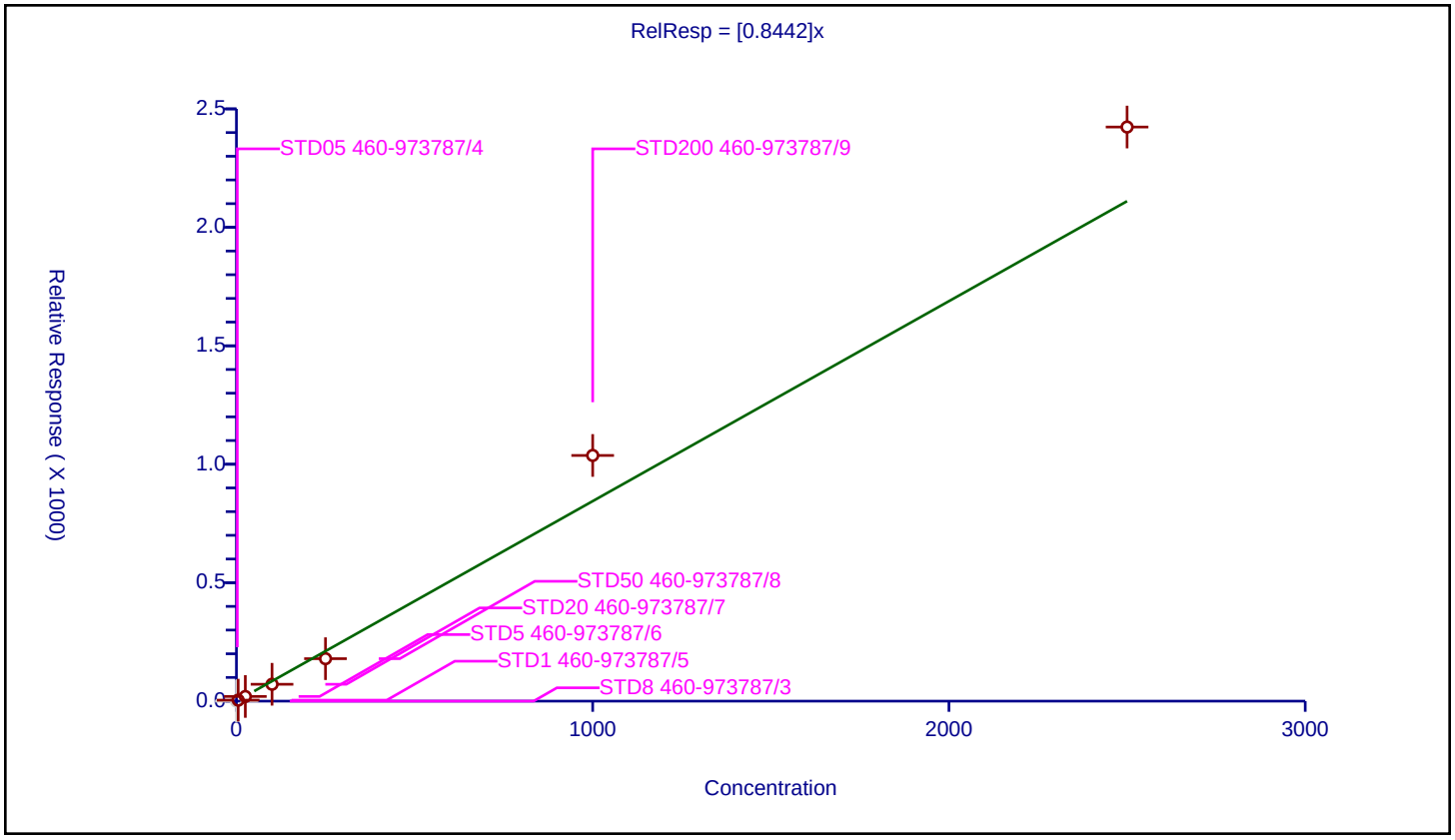
Curve Coefficients

Intercept:	0
Slope:	0.8442

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	2.664226	250.0	158958.0	1.06569	N
3	STD1 460-973787/5	5.0	4.203251	250.0	177898.0	0.84065	Y
4	STD5 460-973787/6	25.0	19.728445	250.0	181768.0	0.789138	Y
5	STD20 460-973787/7	100.0	71.199896	250.0	180074.0	0.711999	Y
6	STD50 460-973787/8	250.0	179.231452	250.0	170178.0	0.716926	Y
7	STD200 460-973787/9	1000.0	1037.065646	250.0	168296.0	1.037066	Y
8	STD500 460-973787/10	2500.0	2423.381802	250.0	188095.0	0.969353	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

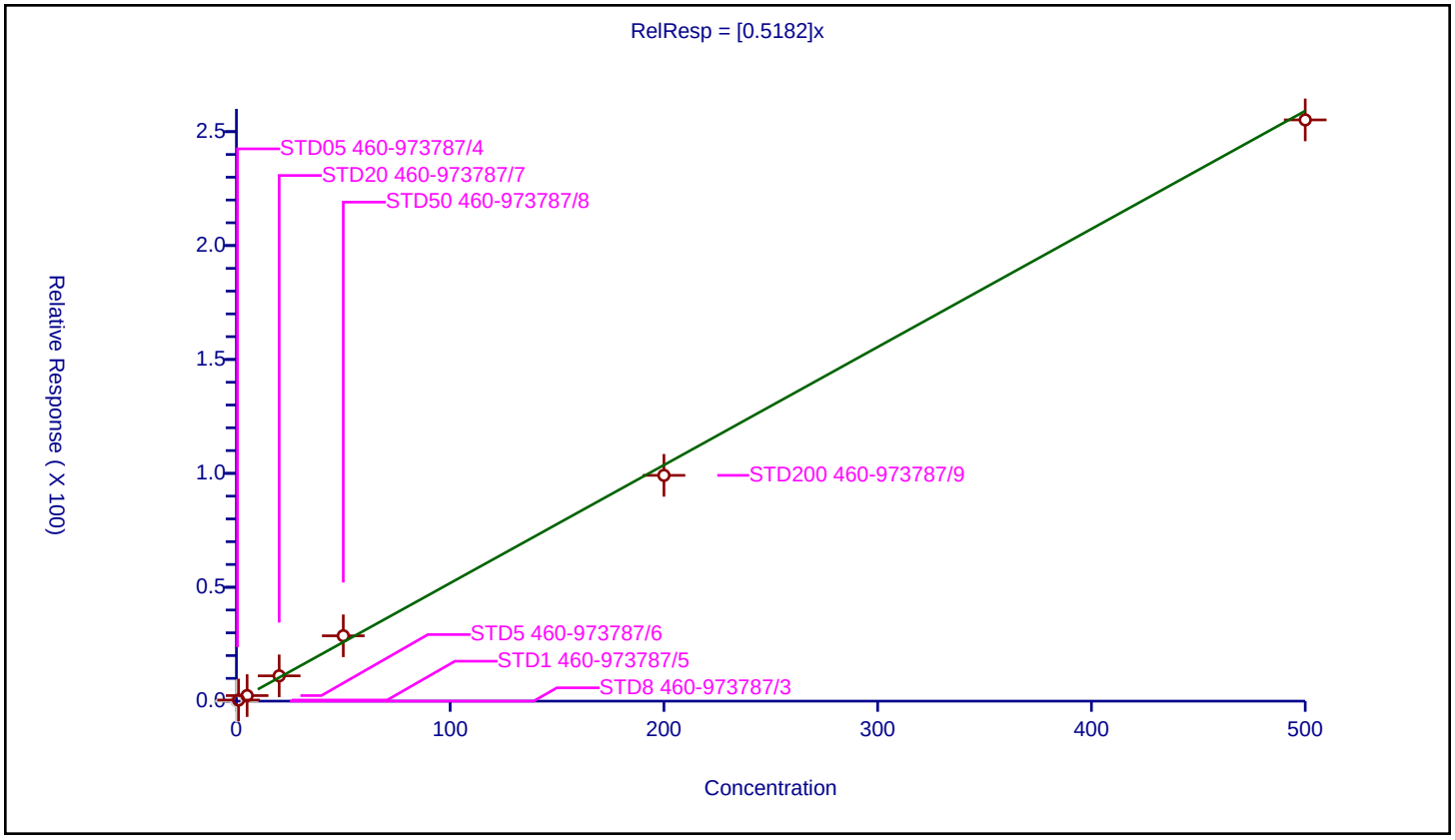
Curve Coefficients

Intercept:	0
Slope:	0.5182

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.291364	50.0	591013.0	0.582728	N
3	STD1 460-973787/5	1.0	0.487294	50.0	633909.0	0.487294	Y
4	STD5 460-973787/6	5.0	2.436302	50.0	623014.0	0.48726	Y
5	STD20 460-973787/7	20.0	11.103558	50.0	592819.0	0.555178	Y
6	STD50 460-973787/8	50.0	28.6819	50.0	595372.0	0.573638	Y
7	STD200 460-973787/9	200.0	99.121112	50.0	616347.0	0.495606	Y
8	STD500 460-973787/10	500.0	255.174341	50.0	627278.0	0.510349	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

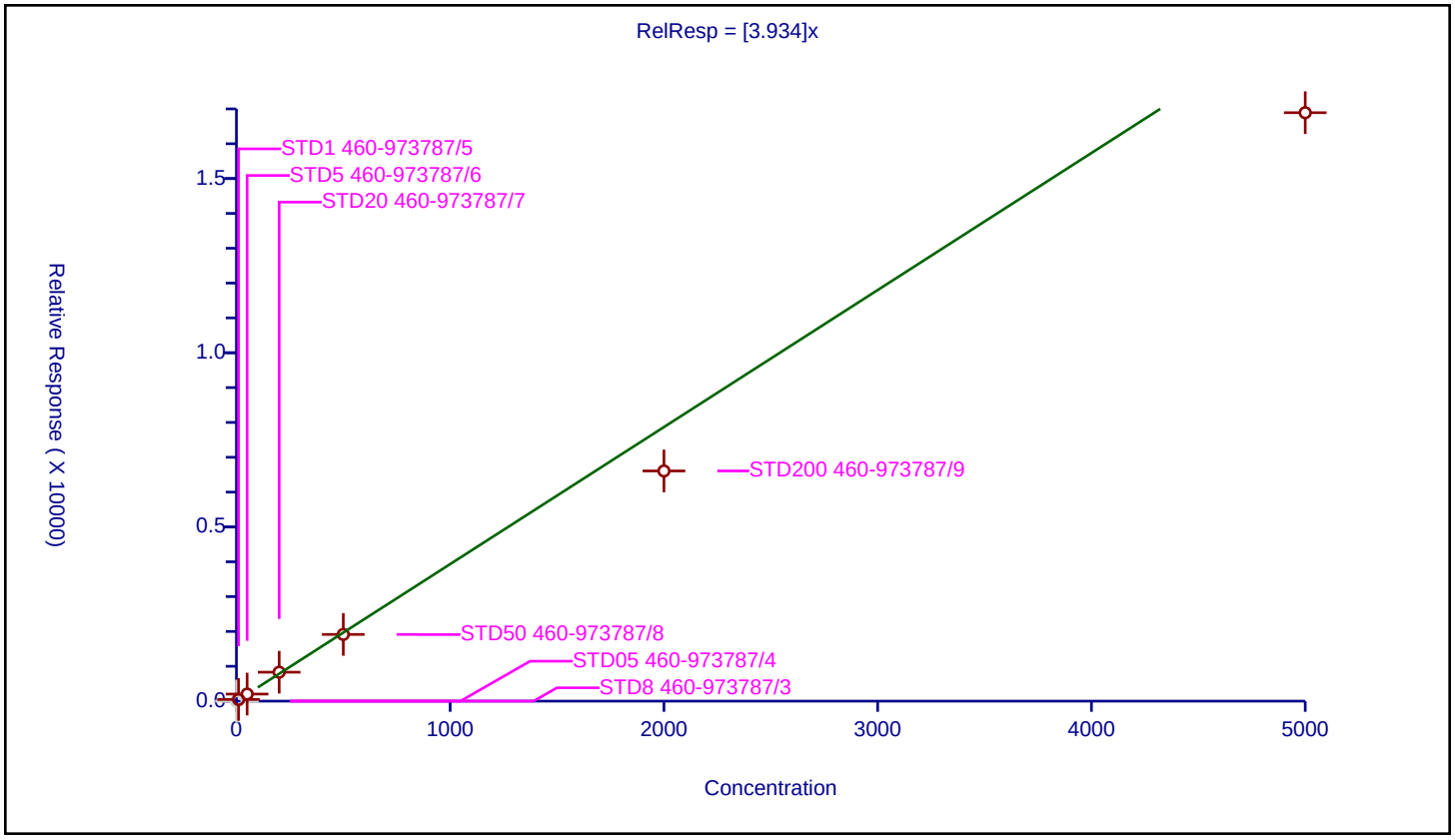
Curve Coefficients

Intercept:	0
Slope:	3.934

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	0.0	1000.0	26640.0	0.0	N
3	STD1 460-973787/5	10.0	48.772656	1000.0	28028.0	4.877266	Y
4	STD5 460-973787/6	50.0	203.030507	1000.0	29764.0	4.06061	Y
5	STD20 460-973787/7	200.0	830.307534	1000.0	28257.0	4.151538	Y
6	STD50 460-973787/8	500.0	1914.997405	1000.0	28905.0	3.829995	Y
7	STD200 460-973787/9	2000.0	6607.156873	1000.0	28029.0	3.303578	Y
8	STD500 460-973787/10	5000.0	16890.521342	1000.0	30901.0	3.378104	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

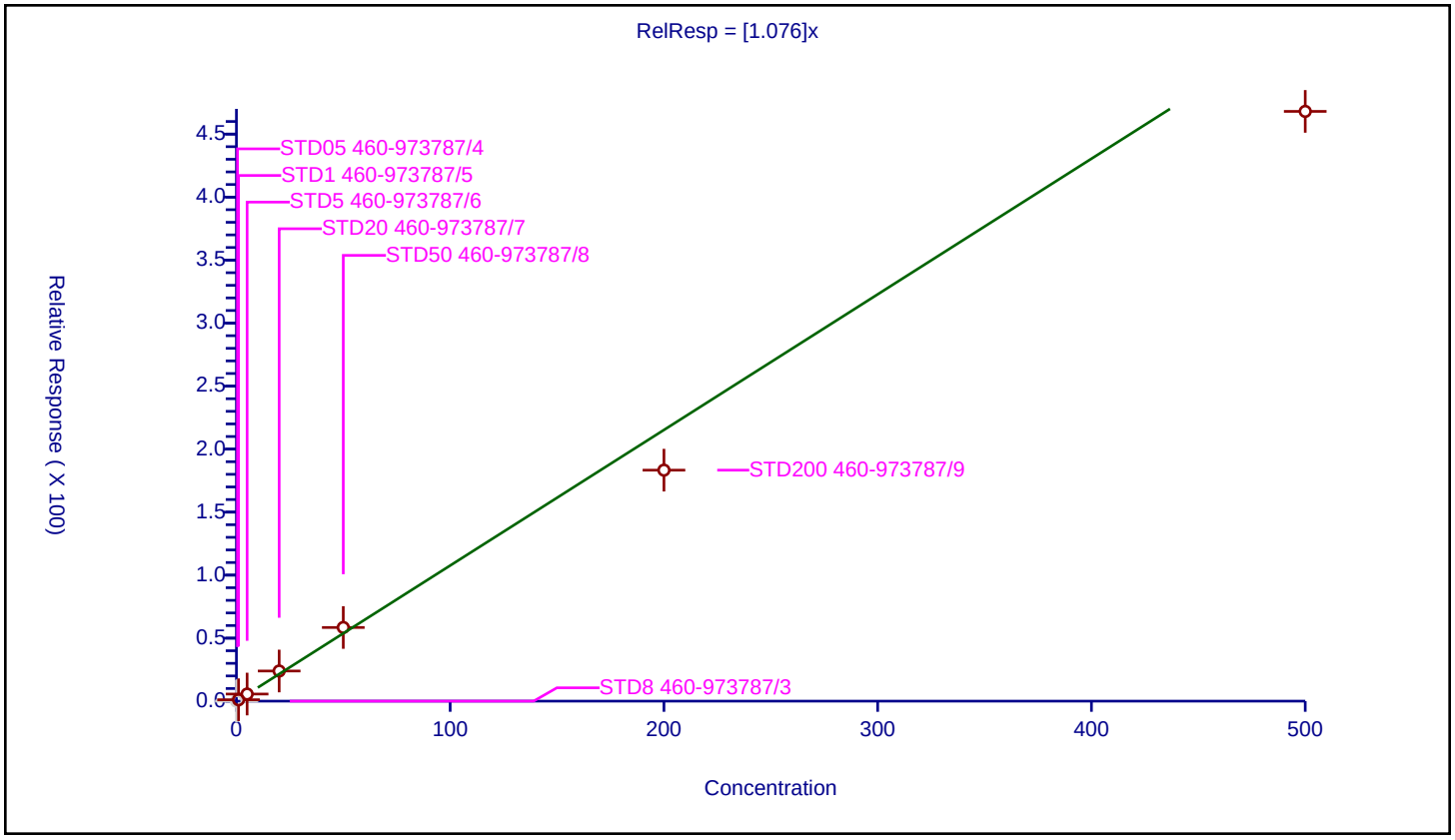
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.694401	50.0	591013.0	1.388802	N
3	STD1 460-973787/5	1.0	1.111201	50.0	633909.0	1.111201	Y
4	STD5 460-973787/6	5.0	5.641527	50.0	623014.0	1.128305	Y
5	STD20 460-973787/7	20.0	23.907972	50.0	592819.0	1.195399	Y
6	STD50 460-973787/8	50.0	58.462524	50.0	595372.0	1.16925	Y
7	STD200 460-973787/9	200.0	183.308834	50.0	616347.0	0.916544	Y
8	STD500 460-973787/10	500.0	468.021754	50.0	627278.0	0.936044	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

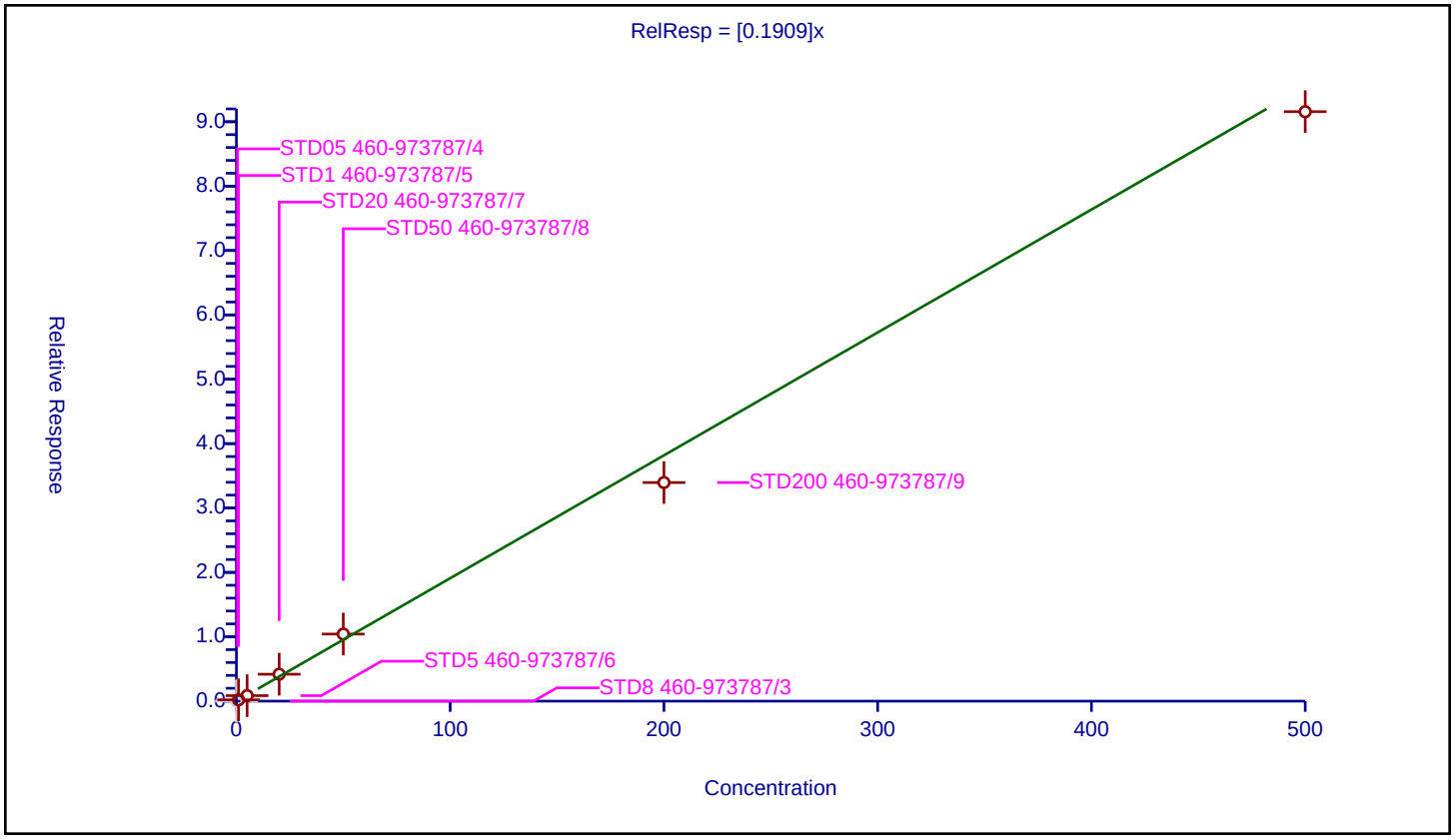
Curve Coefficients

Intercept:	0
Slope:	0.1909

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.142129	50.0	591013.0	0.284258	N
3	STD1 460-973787/5	1.0	0.203736	50.0	633909.0	0.203736	Y
4	STD5 460-973787/6	5.0	0.856241	50.0	623014.0	0.171248	Y
5	STD20 460-973787/7	20.0	4.181377	50.0	592819.0	0.209069	Y
6	STD50 460-973787/8	50.0	10.42172	50.0	595372.0	0.208434	Y
7	STD200 460-973787/9	200.0	33.957657	50.0	616347.0	0.169788	Y
8	STD500 460-973787/10	500.0	91.568093	50.0	627278.0	0.183136	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

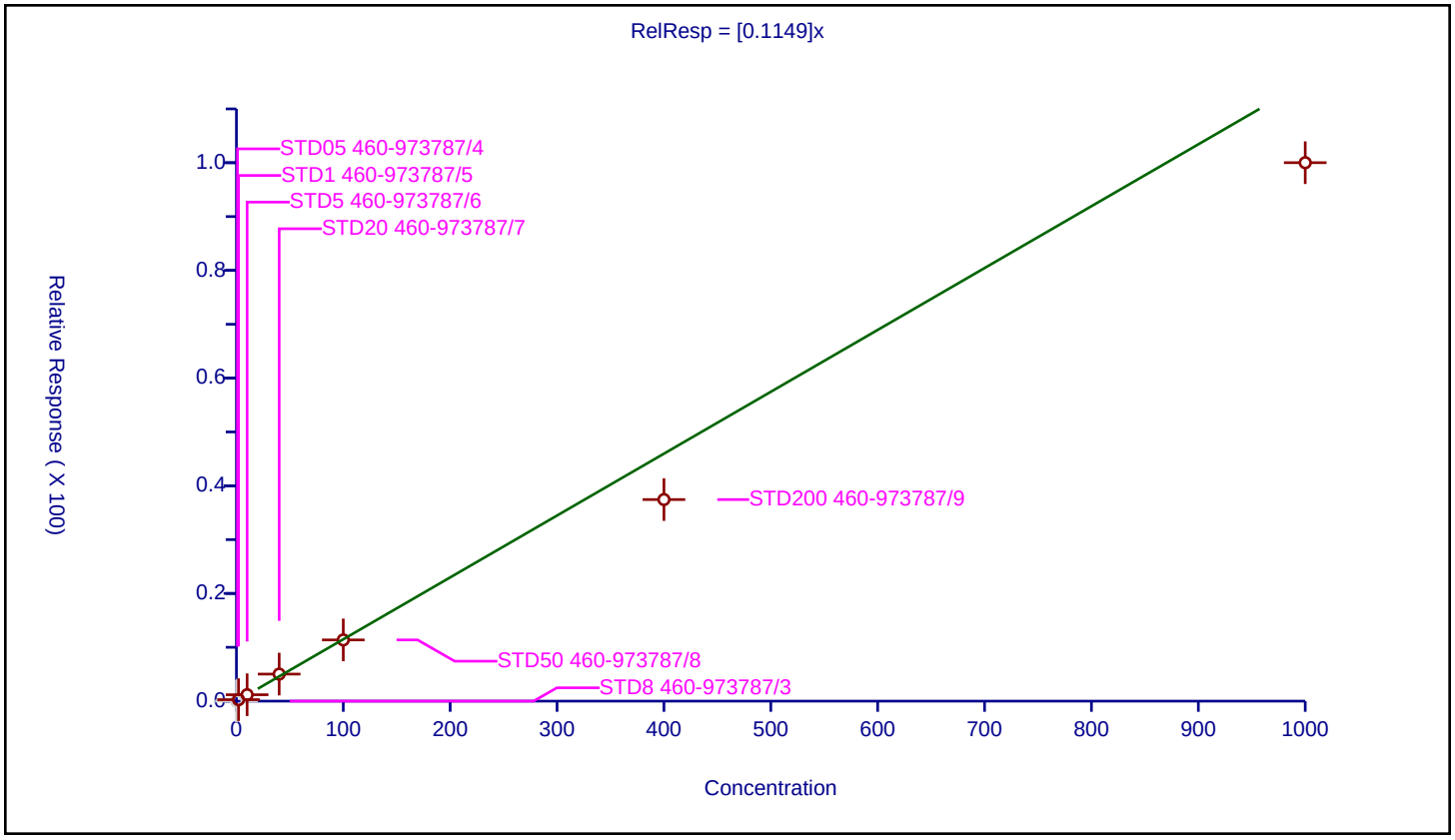
Curve Coefficients

Intercept:	0
Slope:	0.1149

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.218523	50.0	591013.0	0.218523	N
3	STD1 460-973787/5	2.0	0.274803	50.0	633909.0	0.137401	Y
4	STD5 460-973787/6	10.0	1.191787	50.0	623014.0	0.119179	Y
5	STD20 460-973787/7	40.0	5.022359	50.0	592819.0	0.125559	Y
6	STD50 460-973787/8	100.0	11.37121	50.0	595372.0	0.113712	Y
7	STD200 460-973787/9	400.0	37.438732	50.0	616347.0	0.093597	Y
8	STD500 460-973787/10	1000.0	100.007014	50.0	627278.0	0.100007	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

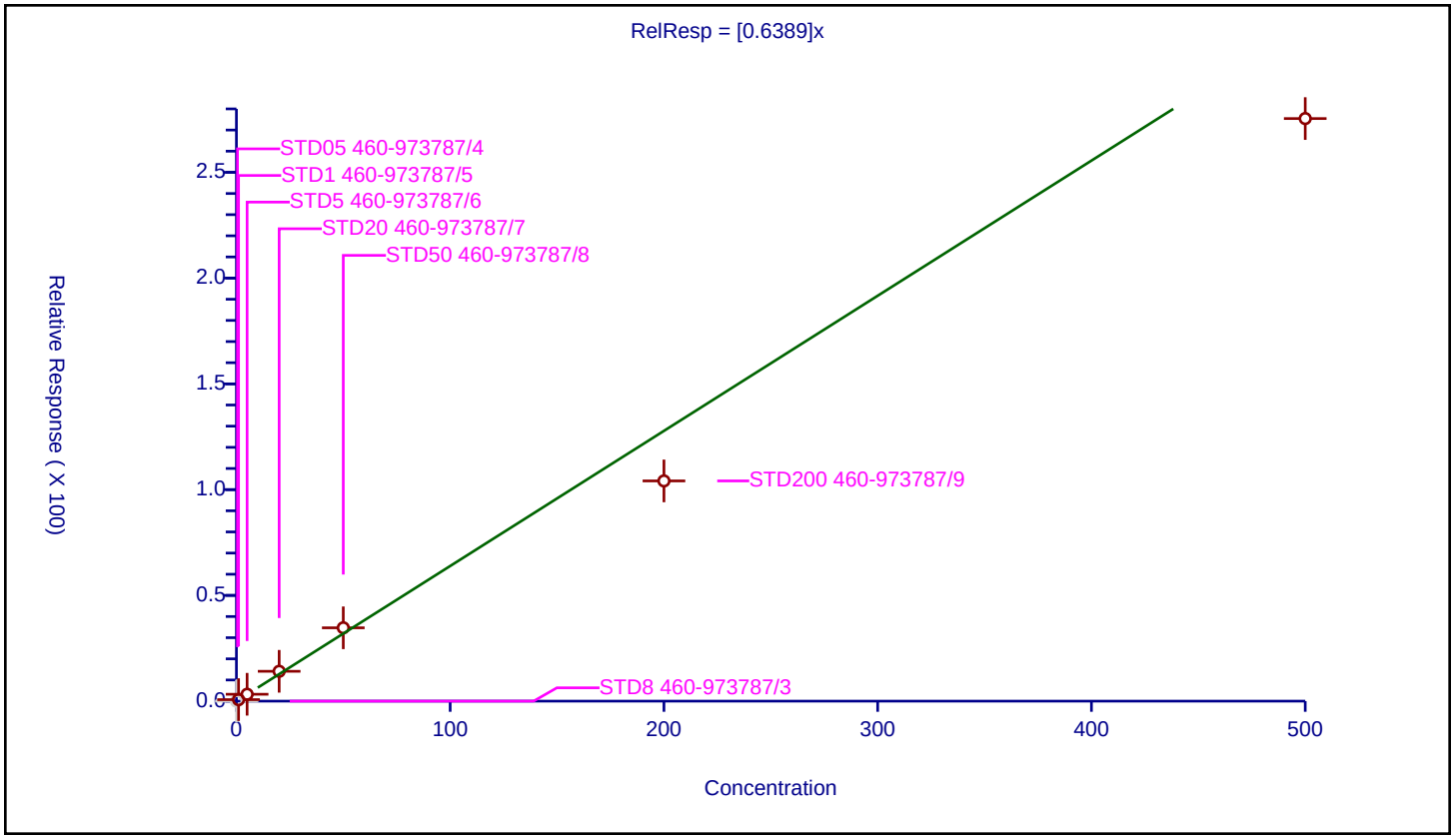
Curve Coefficients

Intercept:	0
Slope:	0.6389

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.354307	50.0	591013.0	0.708614	N
3	STD1 460-973787/5	1.0	0.712247	50.0	633909.0	0.712247	Y
4	STD5 460-973787/6	5.0	3.253859	50.0	623014.0	0.650772	Y
5	STD20 460-973787/7	20.0	14.107004	50.0	592819.0	0.70535	Y
6	STD50 460-973787/8	50.0	34.666477	50.0	595372.0	0.69333	Y
7	STD200 460-973787/9	200.0	104.116431	50.0	616347.0	0.520582	Y
8	STD500 460-973787/10	500.0	275.424054	50.0	627278.0	0.550848	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

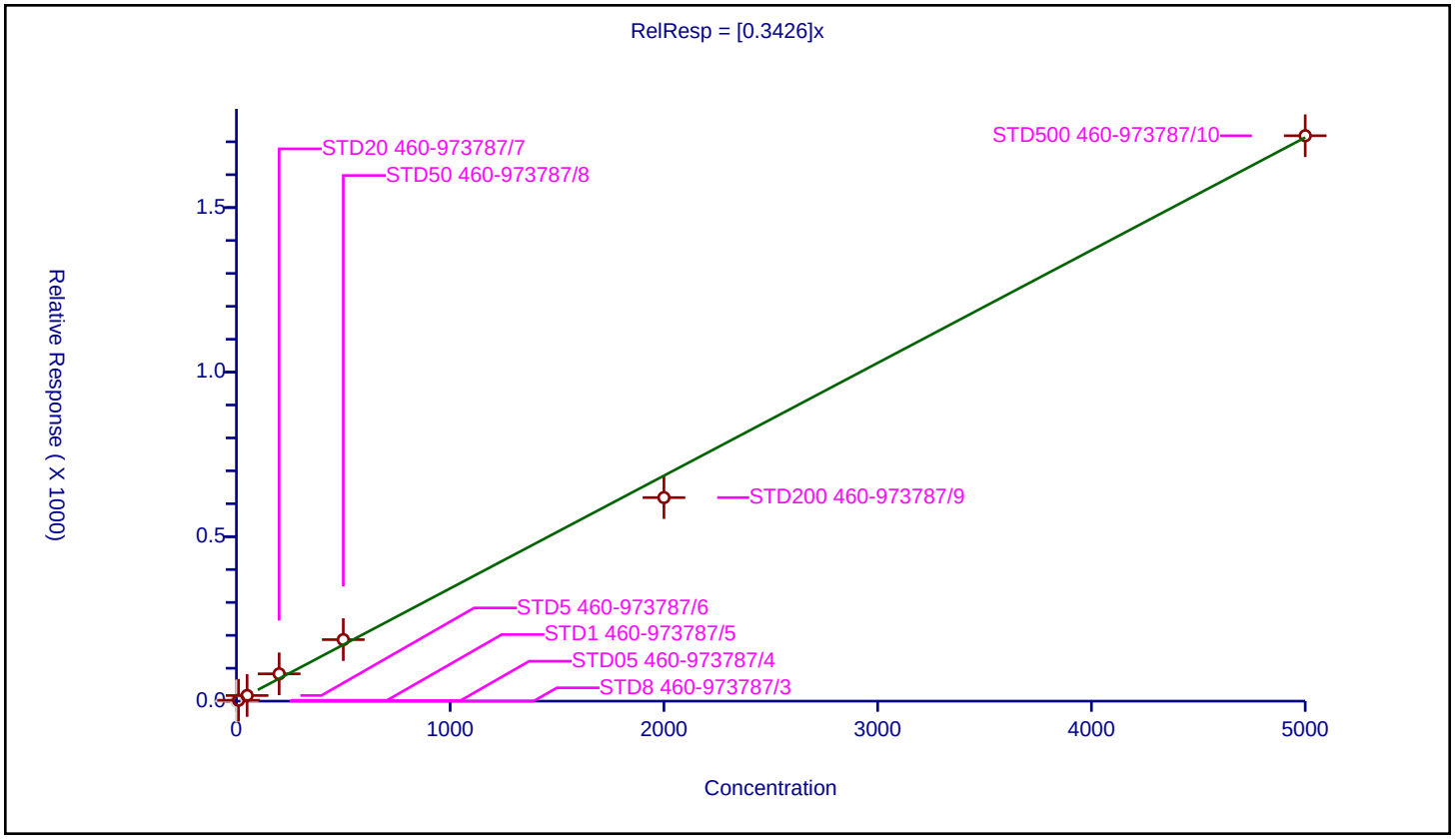
Curve Coefficients

Intercept:	0
Slope:	0.3426

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	5.0	1.558588	250.0	158958.0	0.311718	N
3	STD1 460-973787/5	10.0	2.712228	250.0	177898.0	0.271223	Y
4	STD5 460-973787/6	50.0	17.130353	250.0	181768.0	0.342607	Y
5	STD20 460-973787/7	200.0	83.015871	250.0	180074.0	0.415079	Y
6	STD50 460-973787/8	500.0	186.913115	250.0	170178.0	0.373826	Y
7	STD200 460-973787/9	2000.0	618.680777	250.0	168296.0	0.30934	Y
8	STD500 460-973787/10	5000.0	1718.405593	250.0	188095.0	0.343681	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

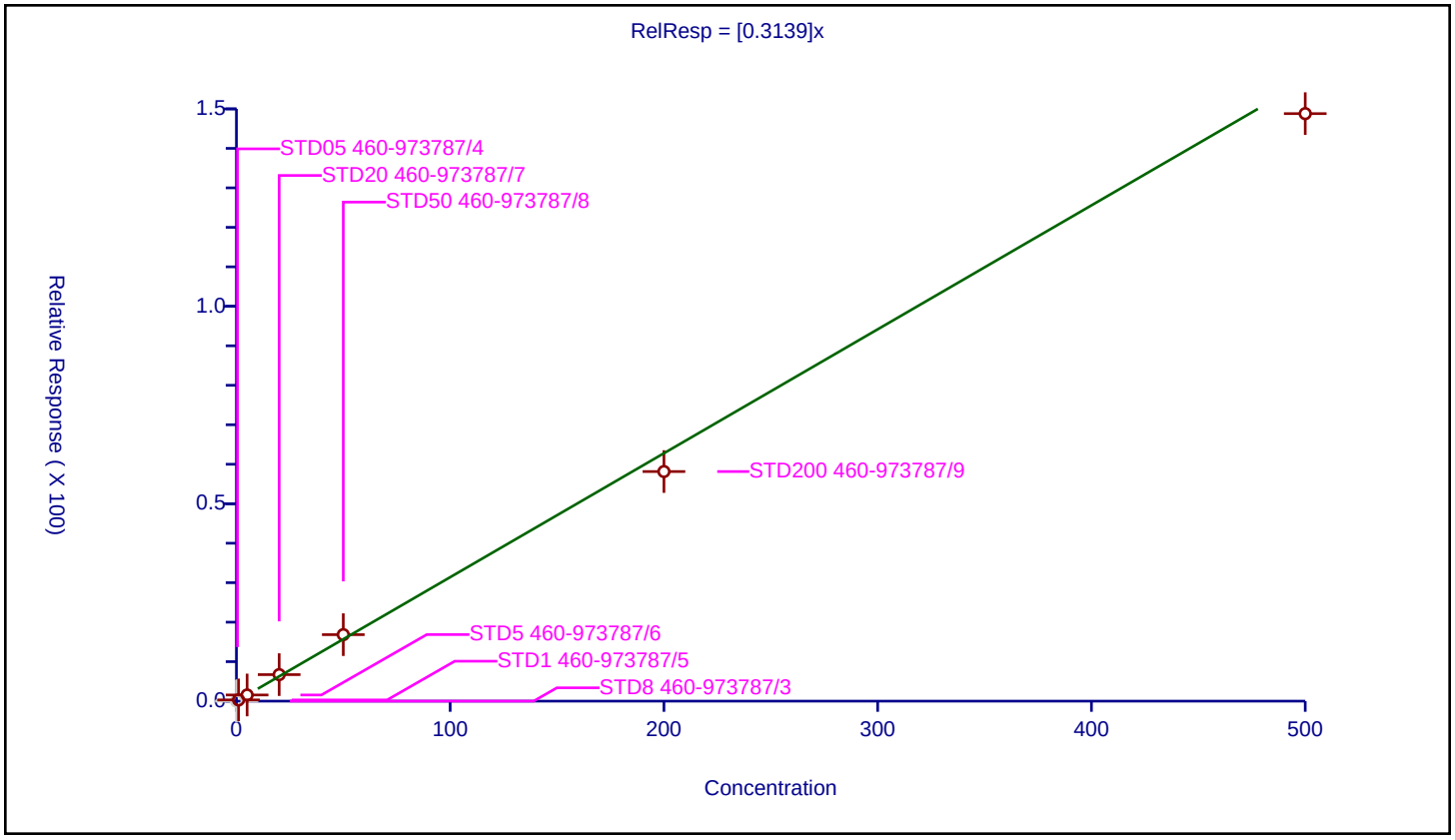
Curve Coefficients

Intercept:	0
Slope:	0.3139

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.192128	50.0	591013.0	0.384256	N
3	STD1 460-973787/5	1.0	0.309824	50.0	633909.0	0.309824	Y
4	STD5 460-973787/6	5.0	1.562886	50.0	623014.0	0.312577	Y
5	STD20 460-973787/7	20.0	6.717818	50.0	592819.0	0.335891	Y
6	STD50 460-973787/8	50.0	16.84048	50.0	595372.0	0.33681	Y
7	STD200 460-973787/9	200.0	58.153037	50.0	616347.0	0.290765	Y
8	STD500 460-973787/10	500.0	148.799814	50.0	627278.0	0.2976	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

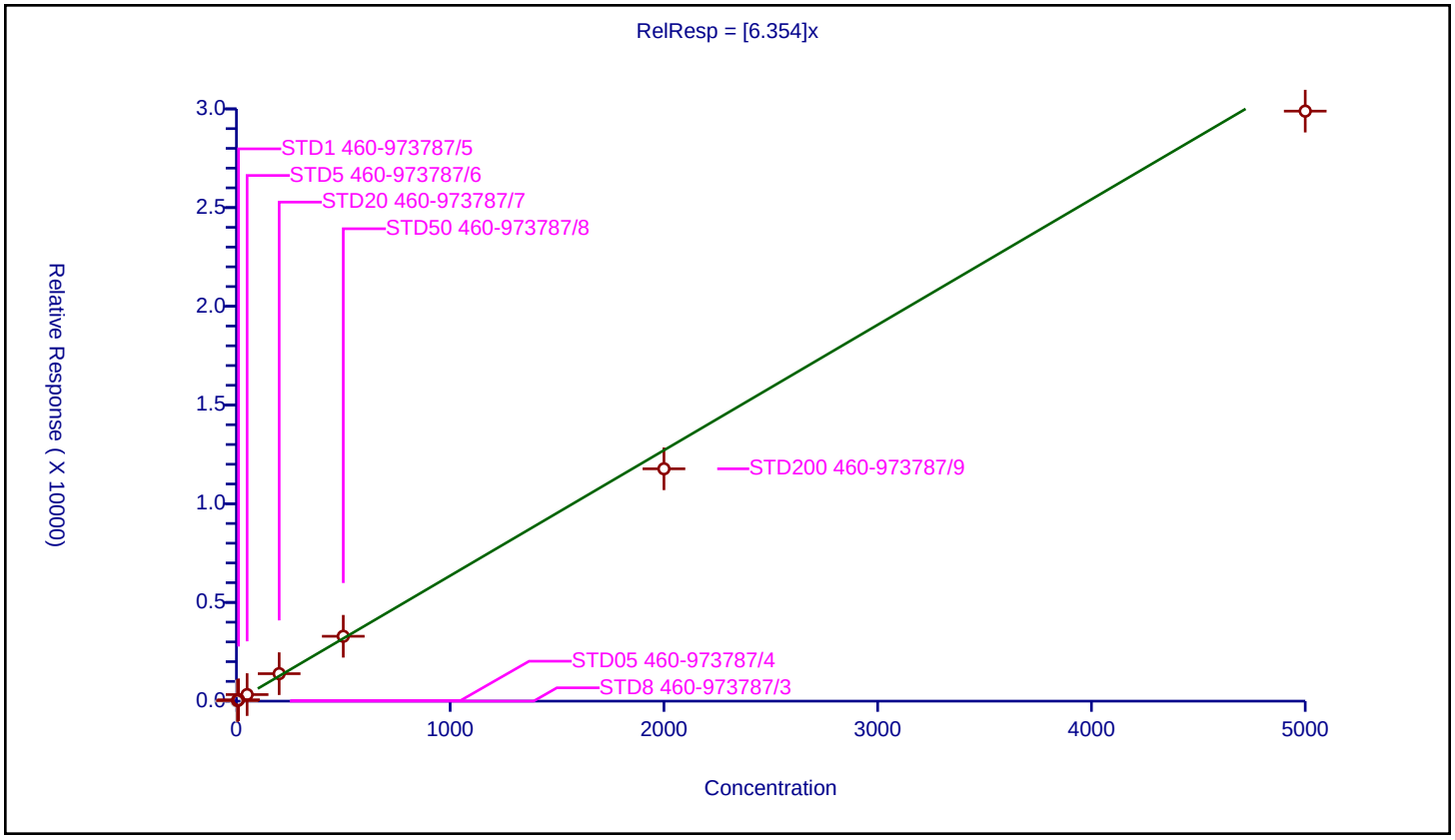
Curve Coefficients

Intercept:	0
Slope:	6.354

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	27.777778	1000.0	26640.0	5.555556	Y
3	STD1 460-973787/5	10.0	68.716997	1000.0	28028.0	6.8717	Y
4	STD5 460-973787/6	50.0	332.986158	1000.0	29764.0	6.659723	Y
5	STD20 460-973787/7	200.0	1391.902891	1000.0	28257.0	6.959514	Y
6	STD50 460-973787/8	500.0	3286.144266	1000.0	28905.0	6.572289	Y
7	STD200 460-973787/9	2000.0	11769.453066	1000.0	28029.0	5.884727	Y
8	STD500 460-973787/10	5000.0	29886.379082	1000.0	30901.0	5.977276	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

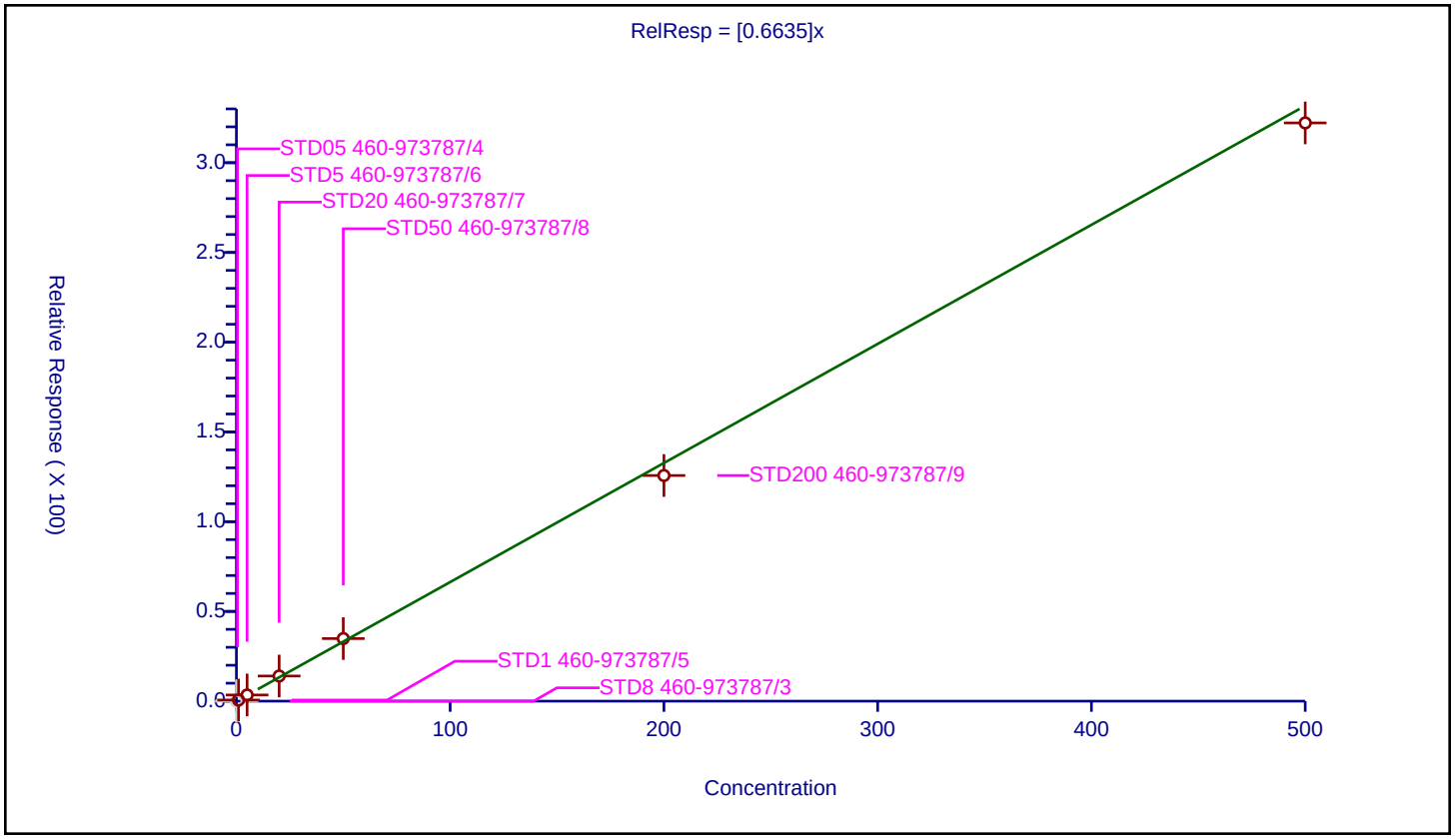
Curve Coefficients

Intercept:	0
Slope:	0.6635

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.373088	50.0	591013.0	0.746176	N
3	STD1 460-973787/5	1.0	0.623039	50.0	633909.0	0.623039	Y
4	STD5 460-973787/6	5.0	3.436841	50.0	623014.0	0.687368	Y
5	STD20 460-973787/7	20.0	14.007142	50.0	592819.0	0.700357	Y
6	STD50 460-973787/8	50.0	34.860726	50.0	595372.0	0.697215	Y
7	STD200 460-973787/9	200.0	125.720657	50.0	616347.0	0.628603	Y
8	STD500 460-973787/10	500.0	322.179958	50.0	627278.0	0.64436	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

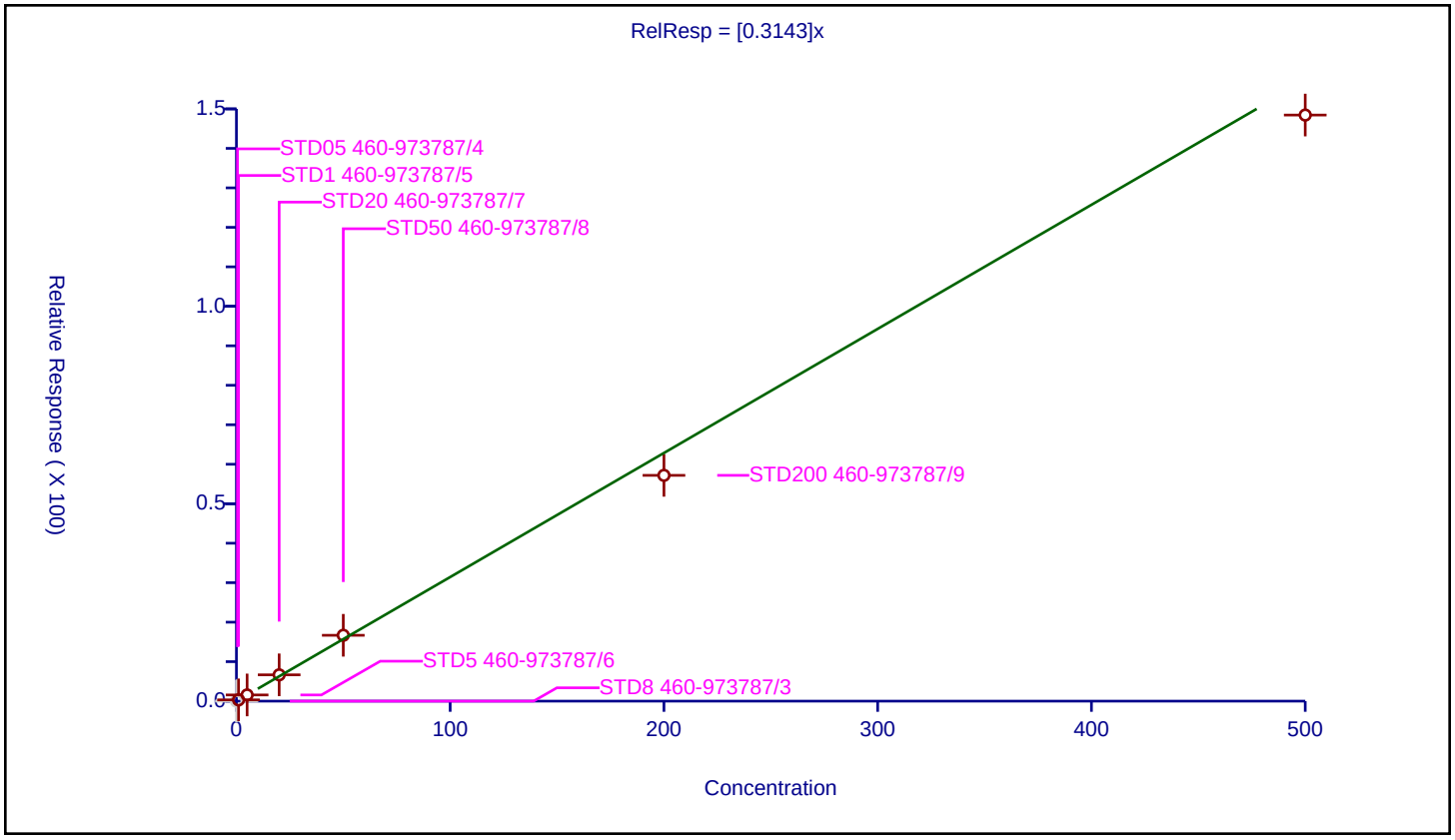
Curve Coefficients

Intercept:	0
Slope:	0.3143

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.210401	50.0	591013.0	0.420803	N
3	STD1 460-973787/5	1.0	0.322049	50.0	633909.0	0.322049	Y
4	STD5 460-973787/6	5.0	1.571152	50.0	623014.0	0.31423	Y
5	STD20 460-973787/7	20.0	6.661224	50.0	592819.0	0.333061	Y
6	STD50 460-973787/8	50.0	16.675625	50.0	595372.0	0.333512	Y
7	STD200 460-973787/9	200.0	57.183453	50.0	616347.0	0.285917	Y
8	STD500 460-973787/10	500.0	148.440564	50.0	627278.0	0.296881	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

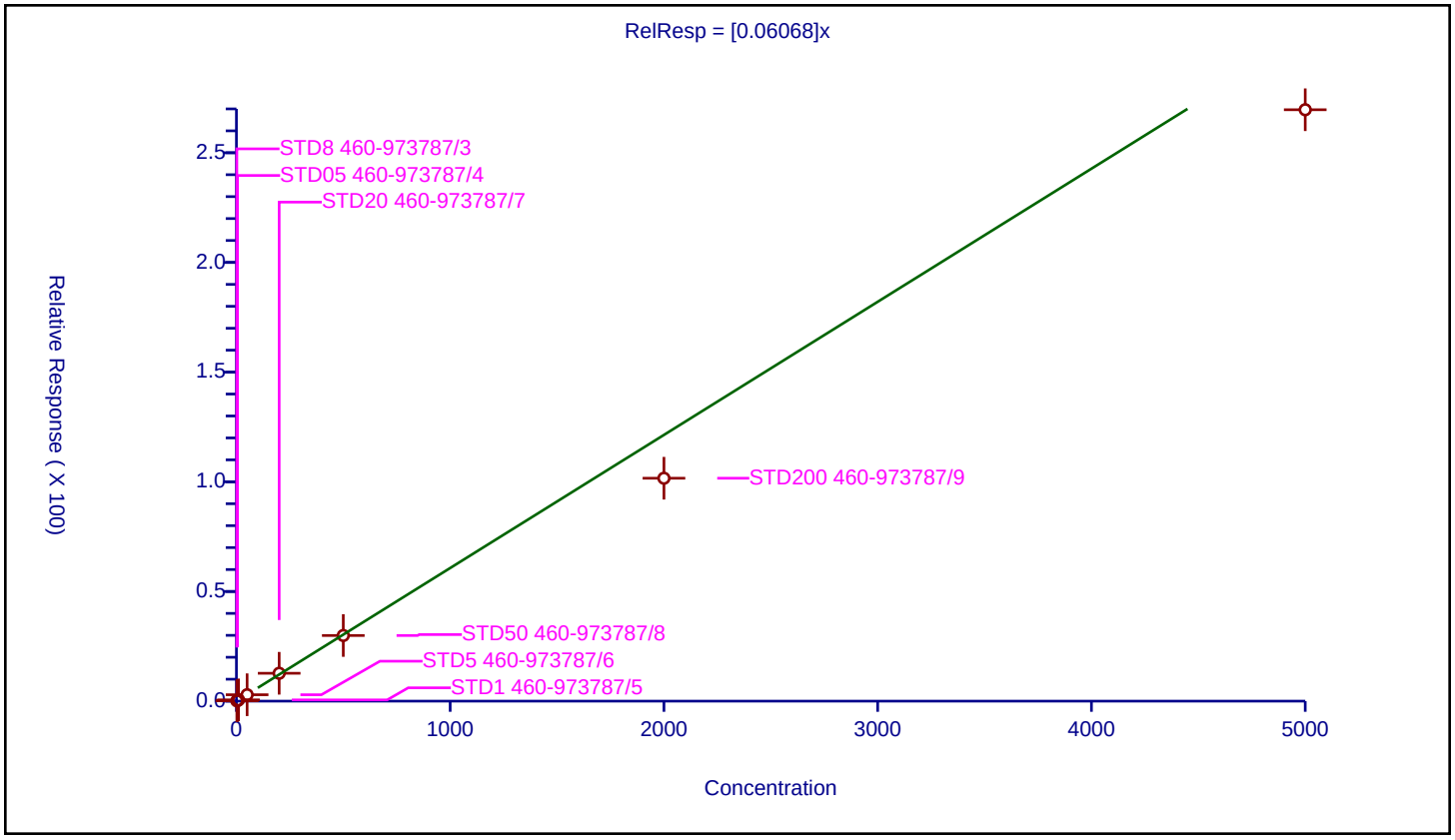
Curve Coefficients

Intercept:	0
Slope:	0.06068

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	2.0	0.154839	50.0	623873.0	0.07742	Y
2	STD05 460-973787/4	5.0	0.323682	50.0	591013.0	0.064736	Y
3	STD1 460-973787/5	10.0	0.567826	50.0	633909.0	0.056783	Y
4	STD5 460-973787/6	50.0	2.920239	50.0	623014.0	0.058405	Y
5	STD20 460-973787/7	200.0	12.708095	50.0	592819.0	0.06354	Y
6	STD50 460-973787/8	500.0	29.927759	50.0	595372.0	0.059856	Y
7	STD200 460-973787/9	2000.0	101.623112	50.0	616347.0	0.050812	Y
8	STD500 460-973787/10	5000.0	269.612835	50.0	627278.0	0.053923	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

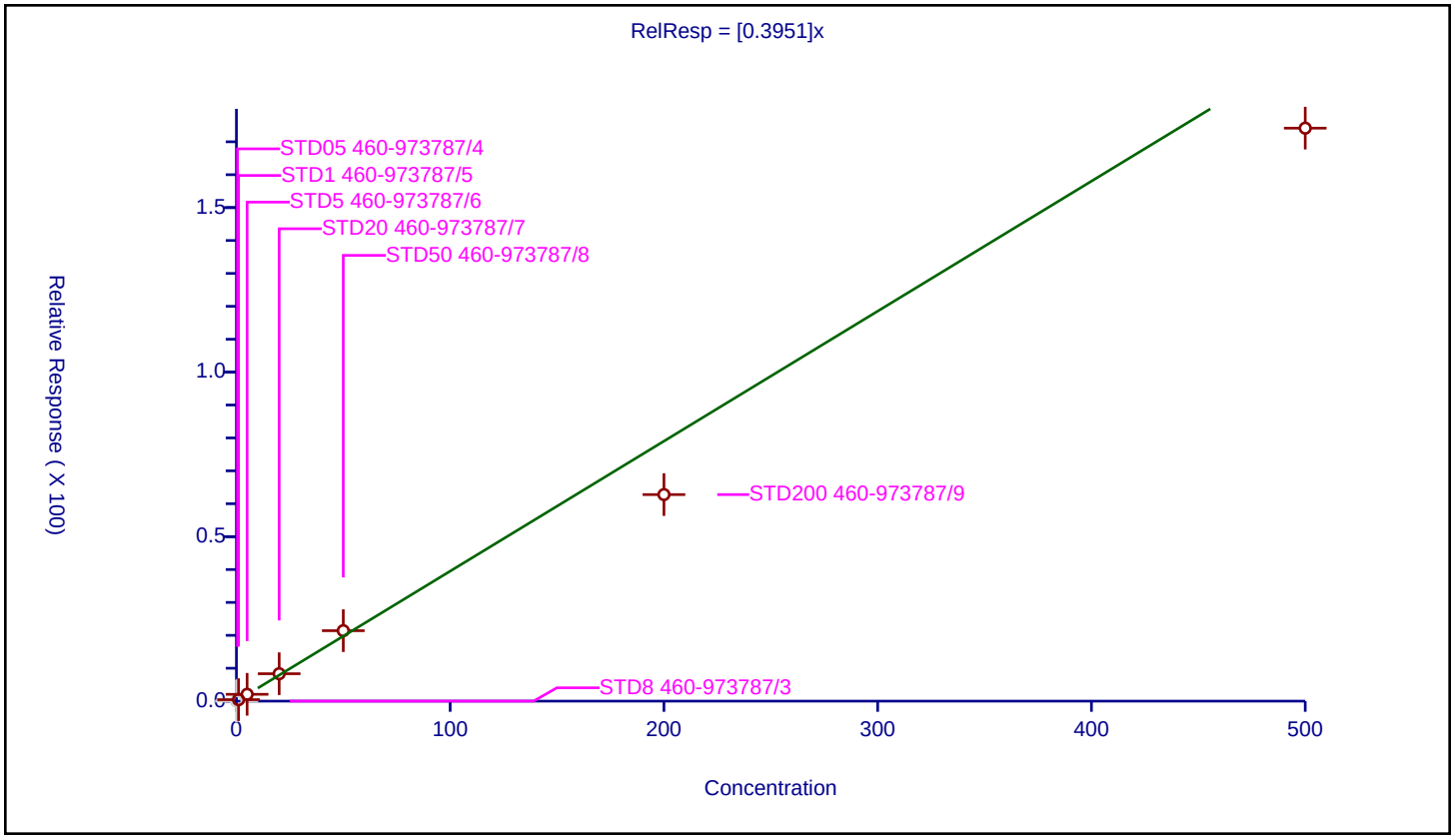
Curve Coefficients

Intercept:	0
Slope:	0.3951

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.293648	50.0	591013.0	0.587297	N
3	STD1 460-973787/5	1.0	0.447619	50.0	633909.0	0.447619	Y
4	STD5 460-973787/6	5.0	2.078123	50.0	623014.0	0.415625	Y
5	STD20 460-973787/7	20.0	8.334247	50.0	592819.0	0.416712	Y
6	STD50 460-973787/8	50.0	21.414847	50.0	595372.0	0.428297	Y
7	STD200 460-973787/9	200.0	62.779084	50.0	616347.0	0.313895	Y
8	STD500 460-973787/10	500.0	174.143522	50.0	627278.0	0.348287	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

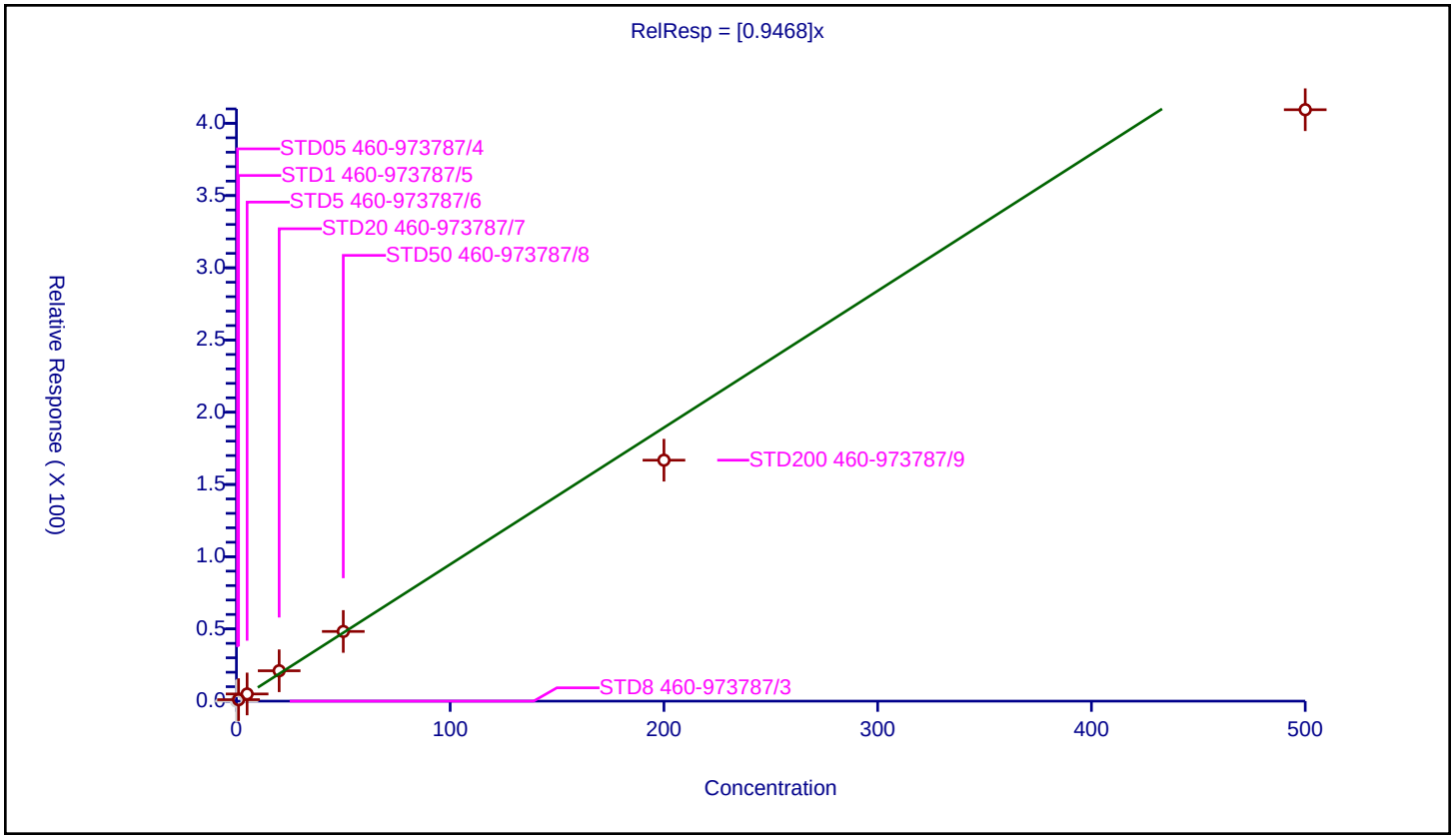
Curve Coefficients

Intercept:	0
Slope:	0.9468

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.600917	50.0	591013.0	1.201835	N
3	STD1 460-973787/5	1.0	1.016076	50.0	633909.0	1.016076	Y
4	STD5 460-973787/6	5.0	4.977978	50.0	623014.0	0.995596	Y
5	STD20 460-973787/7	20.0	21.027919	50.0	592819.0	1.051396	Y
6	STD50 460-973787/8	50.0	48.241772	50.0	595372.0	0.964835	Y
7	STD200 460-973787/9	200.0	166.806442	50.0	616347.0	0.834032	Y
8	STD500 460-973787/10	500.0	409.436406	50.0	627278.0	0.818873	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

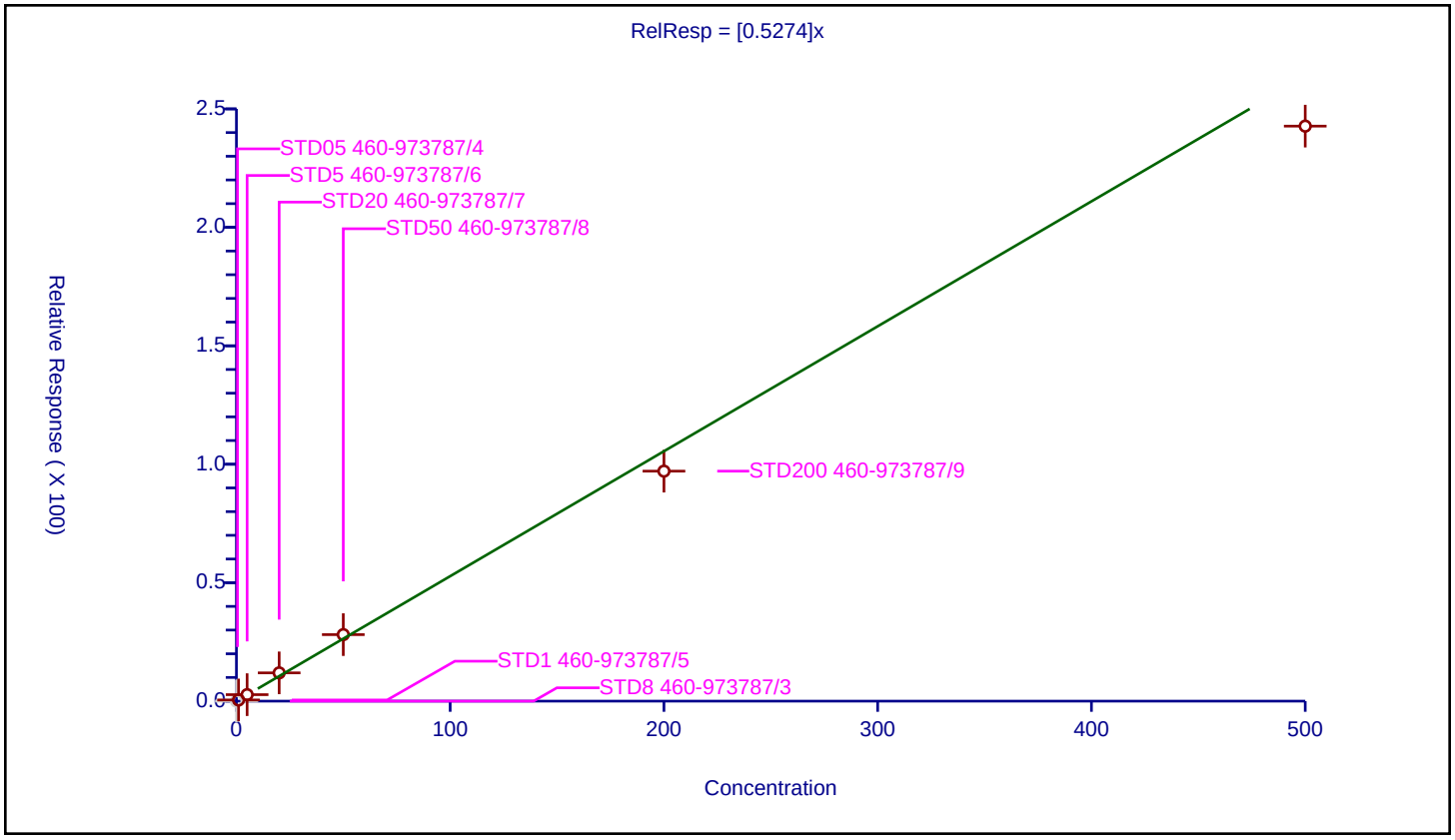
Curve Coefficients

Intercept:	0
Slope:	0.5274

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.374273	50.0	591013.0	0.748545	N
3	STD1 460-973787/5	1.0	0.488319	50.0	633909.0	0.488319	Y
4	STD5 460-973787/6	5.0	2.735813	50.0	623014.0	0.547163	Y
5	STD20 460-973787/7	20.0	11.929105	50.0	592819.0	0.596455	Y
6	STD50 460-973787/8	50.0	28.079671	50.0	595372.0	0.561593	Y
7	STD200 460-973787/9	200.0	97.082001	50.0	616347.0	0.48541	Y
8	STD500 460-973787/10	500.0	242.730416	50.0	627278.0	0.485461	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

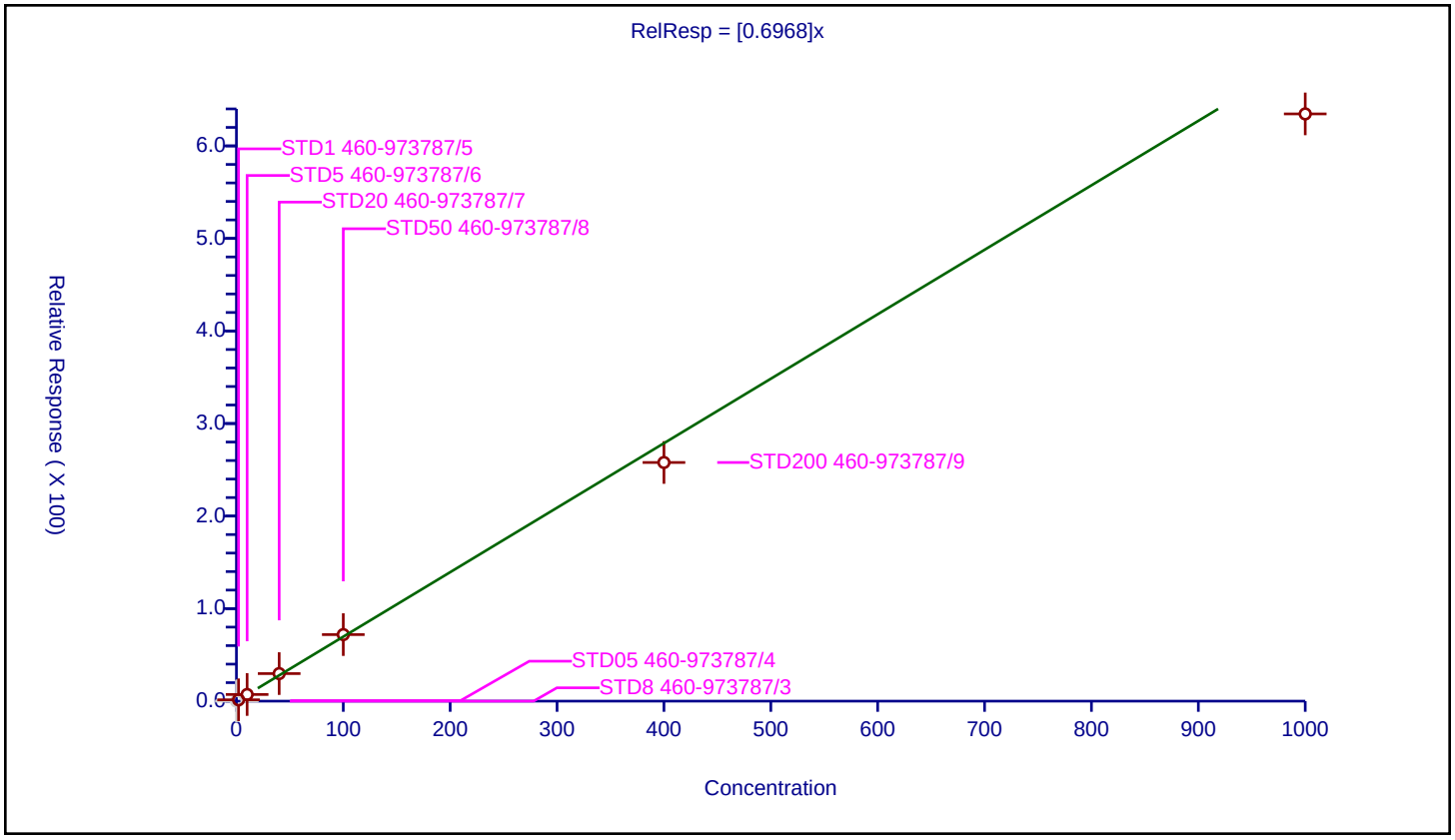
Curve Coefficients

Intercept:	0
Slope:	0.6968

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.496987	250.0	158958.0	0.496987	N
3	STD1 460-973787/5	2.0	1.441837	250.0	177898.0	0.720919	Y
4	STD5 460-973787/6	10.0	7.168479	250.0	181768.0	0.716848	Y
5	STD20 460-973787/7	40.0	29.776647	250.0	180074.0	0.744416	Y
6	STD50 460-973787/8	100.0	71.905593	250.0	170178.0	0.719056	Y
7	STD200 460-973787/9	400.0	257.890859	250.0	168296.0	0.644727	Y
8	STD500 460-973787/10	1000.0	634.602196	250.0	188095.0	0.634602	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

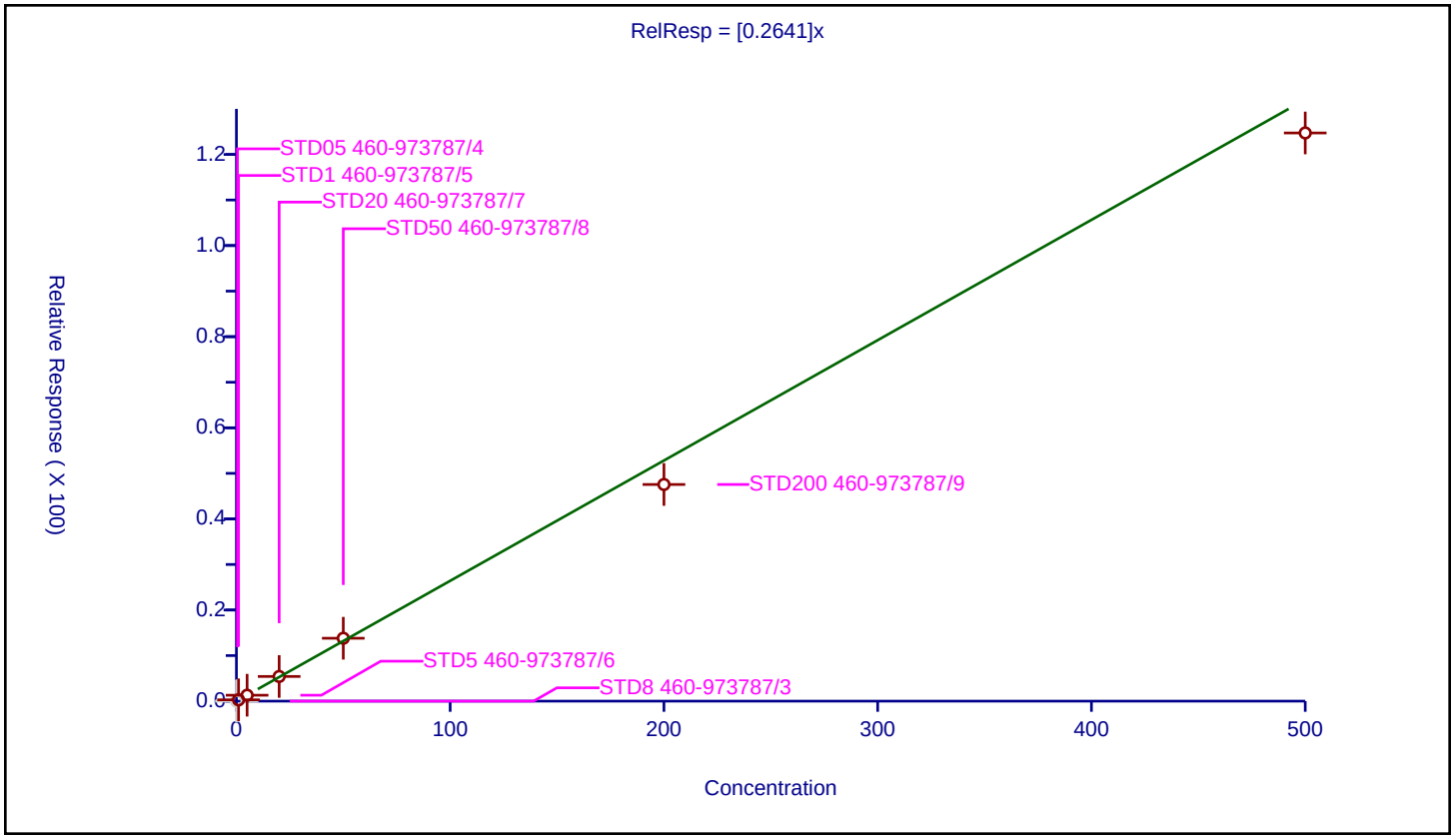
Curve Coefficients

Intercept:	0
Slope:	0.2641

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.14179	50.0	591013.0	0.283581	N
3	STD1 460-973787/5	1.0	0.290184	50.0	633909.0	0.290184	Y
4	STD5 460-973787/6	5.0	1.300854	50.0	623014.0	0.260171	Y
5	STD20 460-973787/7	20.0	5.417252	50.0	592819.0	0.270863	Y
6	STD50 460-973787/8	50.0	13.808594	50.0	595372.0	0.276172	Y
7	STD200 460-973787/9	200.0	47.555679	50.0	616347.0	0.237778	Y
8	STD500 460-973787/10	500.0	124.715517	50.0	627278.0	0.249431	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

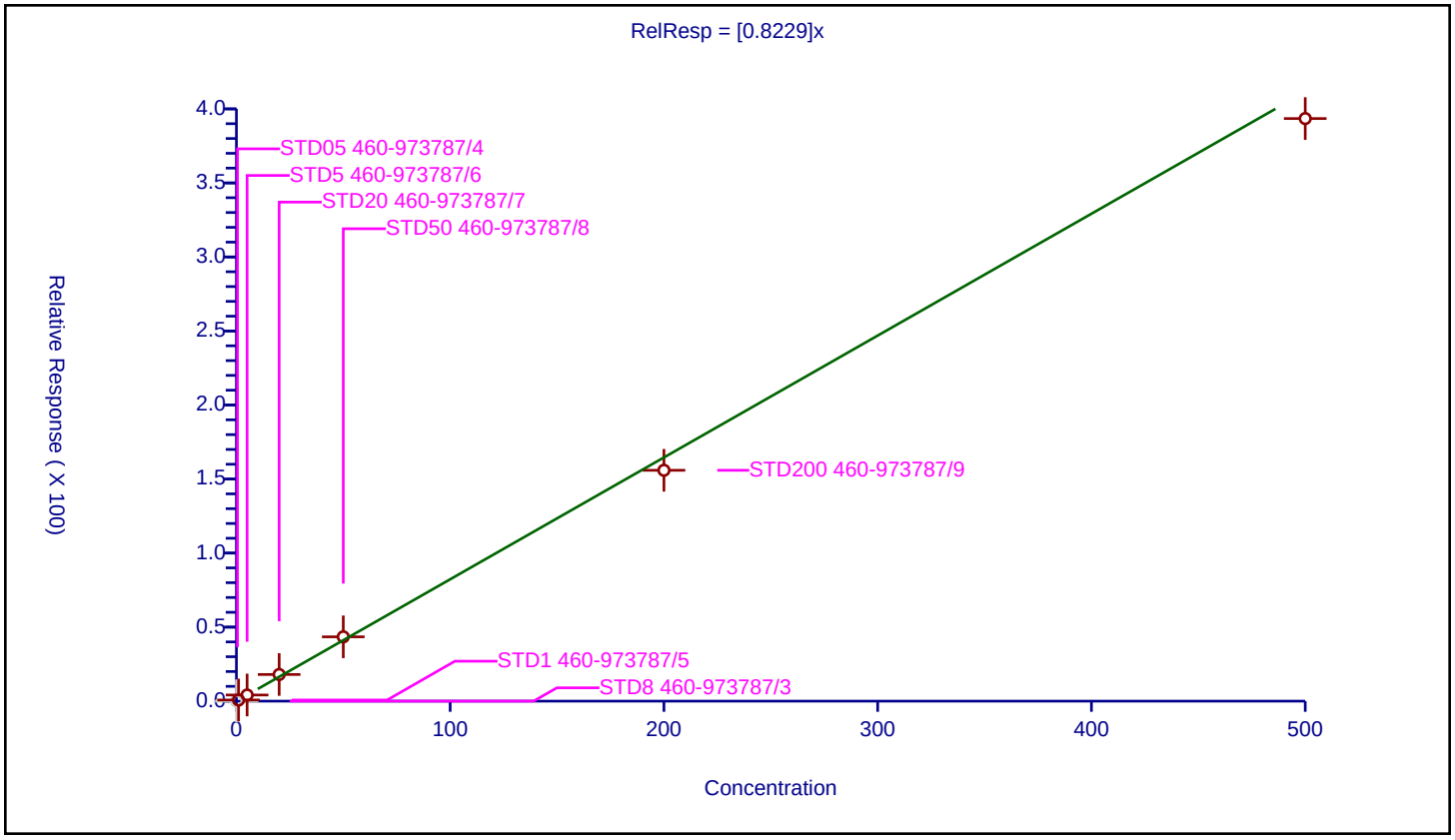
Curve Coefficients

Intercept:	0
Slope:	0.8229

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.476385	50.0	591013.0	0.952771	N
3	STD1 460-973787/5	1.0	0.773139	50.0	633909.0	0.773139	Y
4	STD5 460-973787/6	5.0	4.145172	50.0	623014.0	0.829034	Y
5	STD20 460-973787/7	20.0	18.004568	50.0	592819.0	0.900228	Y
6	STD50 460-973787/8	50.0	43.437044	50.0	595372.0	0.868741	Y
7	STD200 460-973787/9	200.0	155.91988	50.0	616347.0	0.779599	Y
8	STD500 460-973787/10	500.0	393.476337	50.0	627278.0	0.786953	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

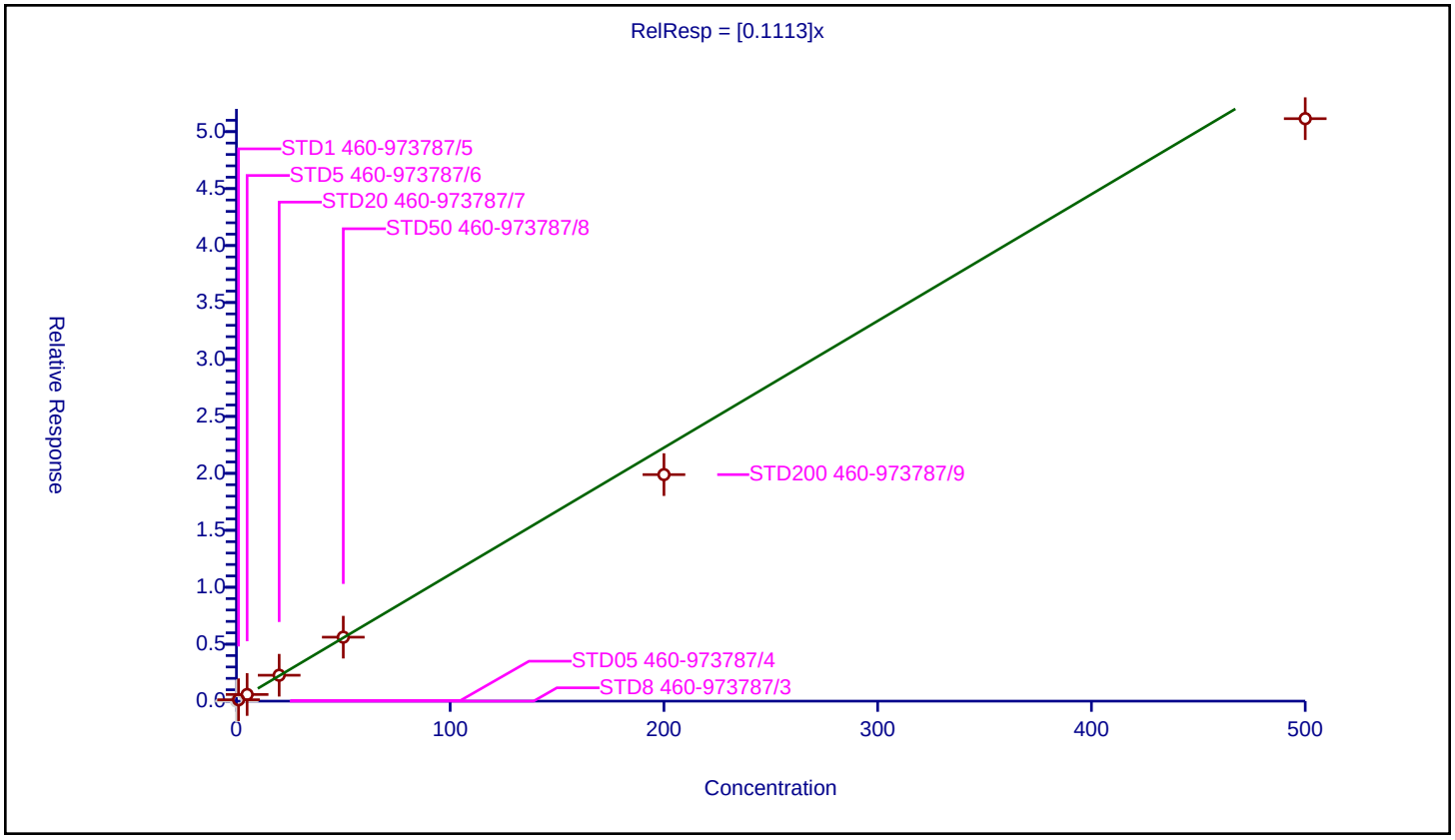
Curve Coefficients

Intercept:	0
Slope:	0.1113

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.054906	50.0	591013.0	0.109811	N
3	STD1 460-973787/5	1.0	0.123125	50.0	633909.0	0.123125	Y
4	STD5 460-973787/6	5.0	0.583454	50.0	623014.0	0.116691	Y
5	STD20 460-973787/7	20.0	2.274978	50.0	592819.0	0.113749	Y
6	STD50 460-973787/8	50.0	5.616153	50.0	595372.0	0.112323	Y
7	STD200 460-973787/9	200.0	19.889689	50.0	616347.0	0.099448	Y
8	STD500 460-973787/10	500.0	51.142715	50.0	627278.0	0.102285	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

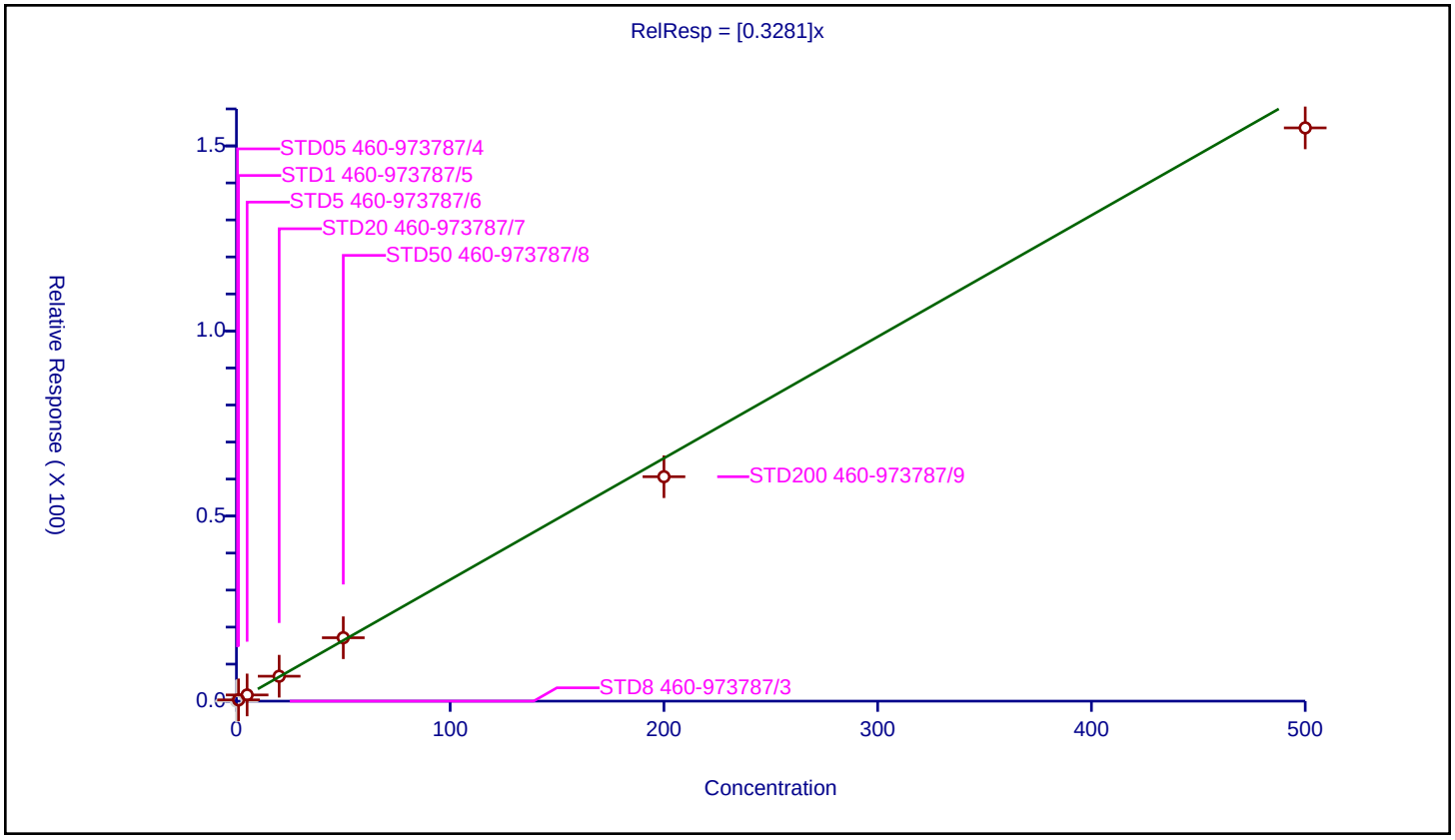
Curve Coefficients

Intercept:	0
Slope:	0.3281

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.19898	50.0	591013.0	0.397961	N
3	STD1 460-973787/5	1.0	0.34232	50.0	633909.0	0.34232	Y
4	STD5 460-973787/6	5.0	1.670909	50.0	623014.0	0.334182	Y
5	STD20 460-973787/7	20.0	6.733674	50.0	592819.0	0.336684	Y
6	STD50 460-973787/8	50.0	17.129375	50.0	595372.0	0.342587	Y
7	STD200 460-973787/9	200.0	60.631755	50.0	616347.0	0.303159	Y
8	STD500 460-973787/10	500.0	154.870169	50.0	627278.0	0.30974	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

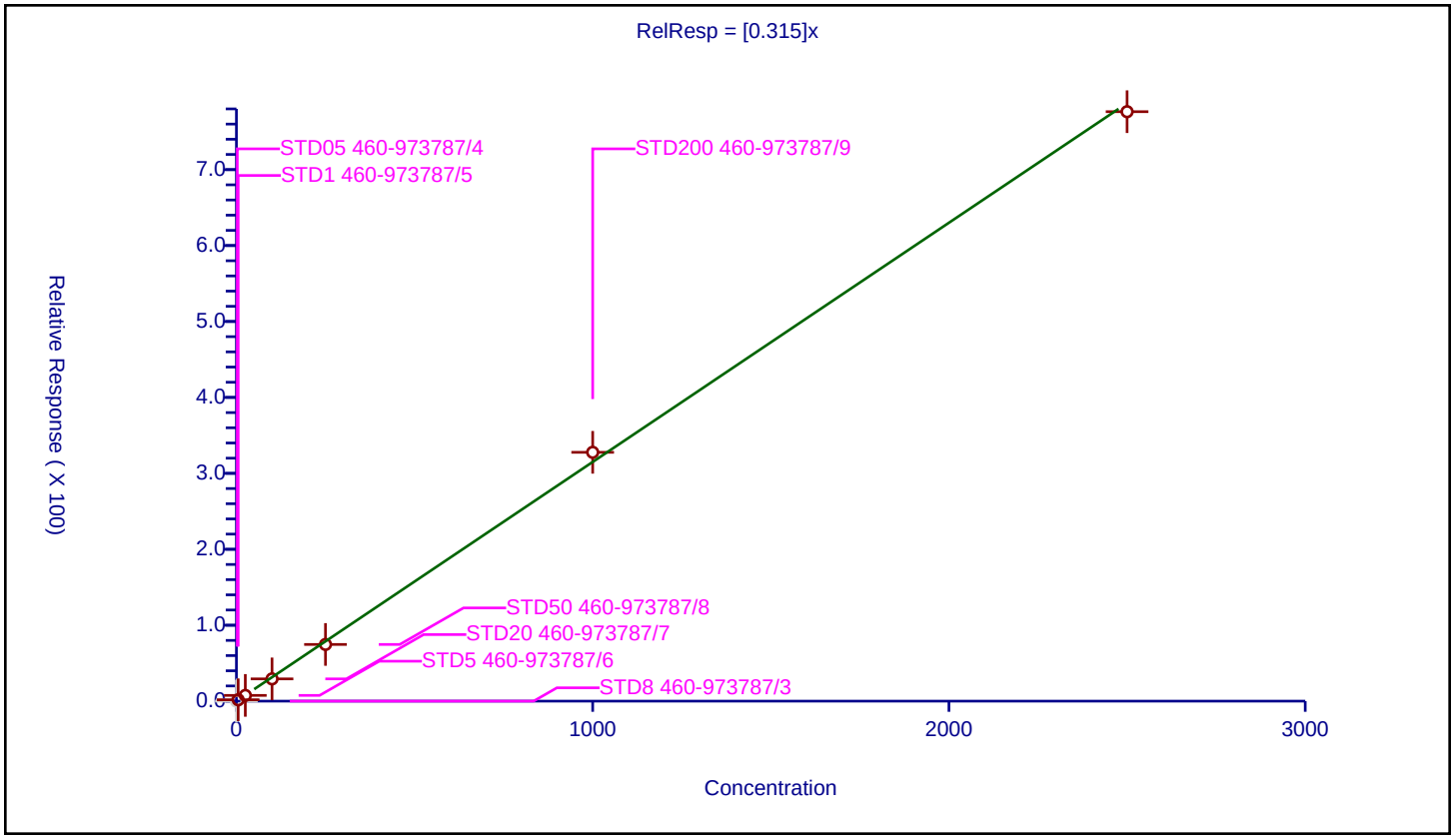
Curve Coefficients

Intercept:	0
Slope:	0.315

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	1.667107	250.0	158958.0	0.666843	N
3	STD1 460-973787/5	5.0	1.790352	250.0	177898.0	0.35807	Y
4	STD5 460-973787/6	25.0	7.556336	250.0	181768.0	0.302253	Y
5	STD20 460-973787/7	100.0	29.296289	250.0	180074.0	0.292963	Y
6	STD50 460-973787/8	250.0	74.651248	250.0	170178.0	0.298605	Y
7	STD200 460-973787/9	1000.0	327.711294	250.0	168296.0	0.327711	Y
8	STD500 460-973787/10	2500.0	776.323135	250.0	188095.0	0.310529	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

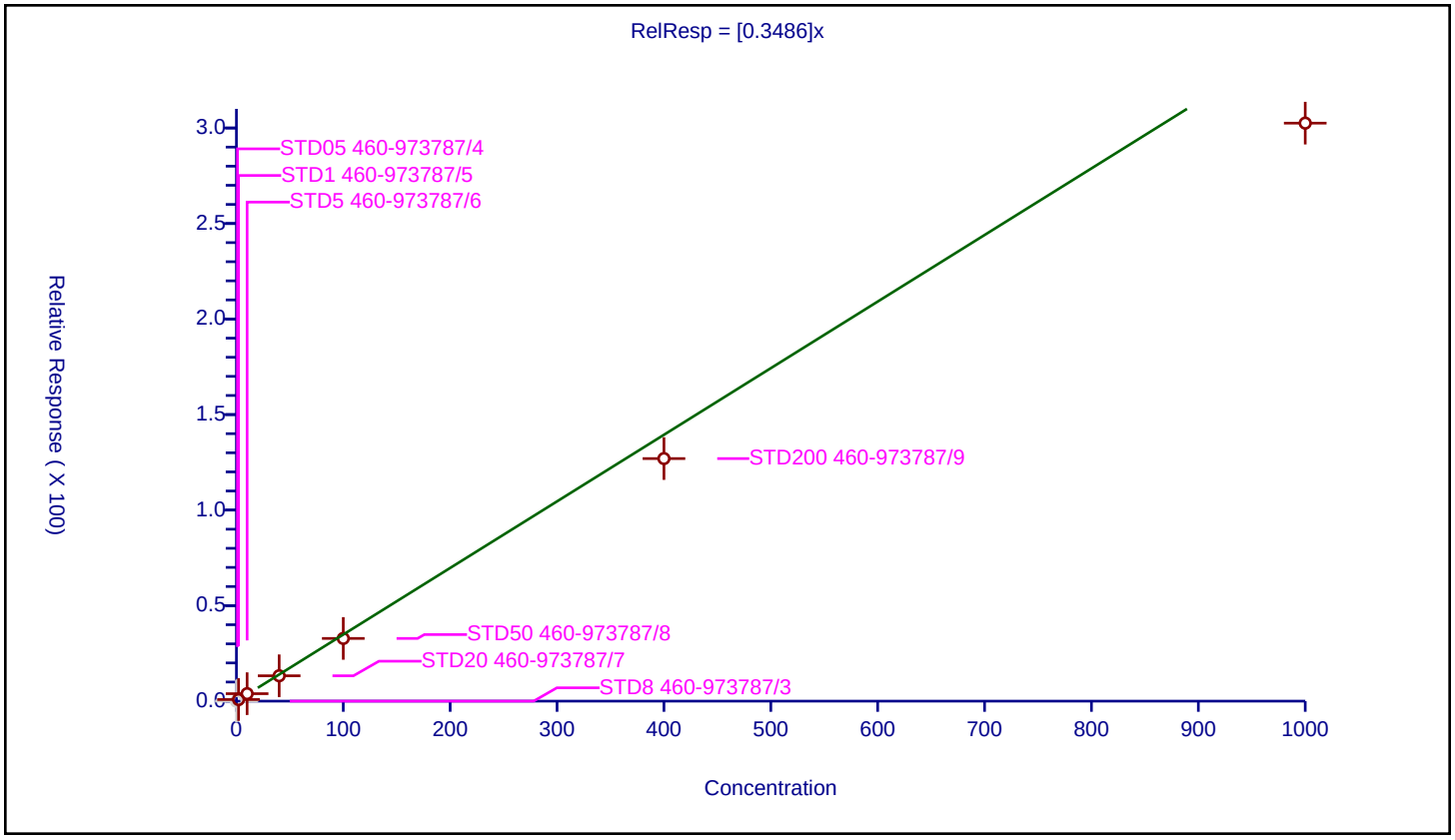
Curve Coefficients

Intercept:	0
Slope:	0.3486

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.479686	250.0	158958.0	0.479686	N
3	STD1 460-973787/5	2.0	0.840369	250.0	177898.0	0.420185	Y
4	STD5 460-973787/6	10.0	3.910204	250.0	181768.0	0.39102	Y
5	STD20 460-973787/7	40.0	13.279263	250.0	180074.0	0.331982	Y
6	STD50 460-973787/8	100.0	32.818578	250.0	170178.0	0.328186	Y
7	STD200 460-973787/9	400.0	126.963802	250.0	168296.0	0.31741	Y
8	STD500 460-973787/10	1000.0	302.547915	250.0	188095.0	0.302548	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

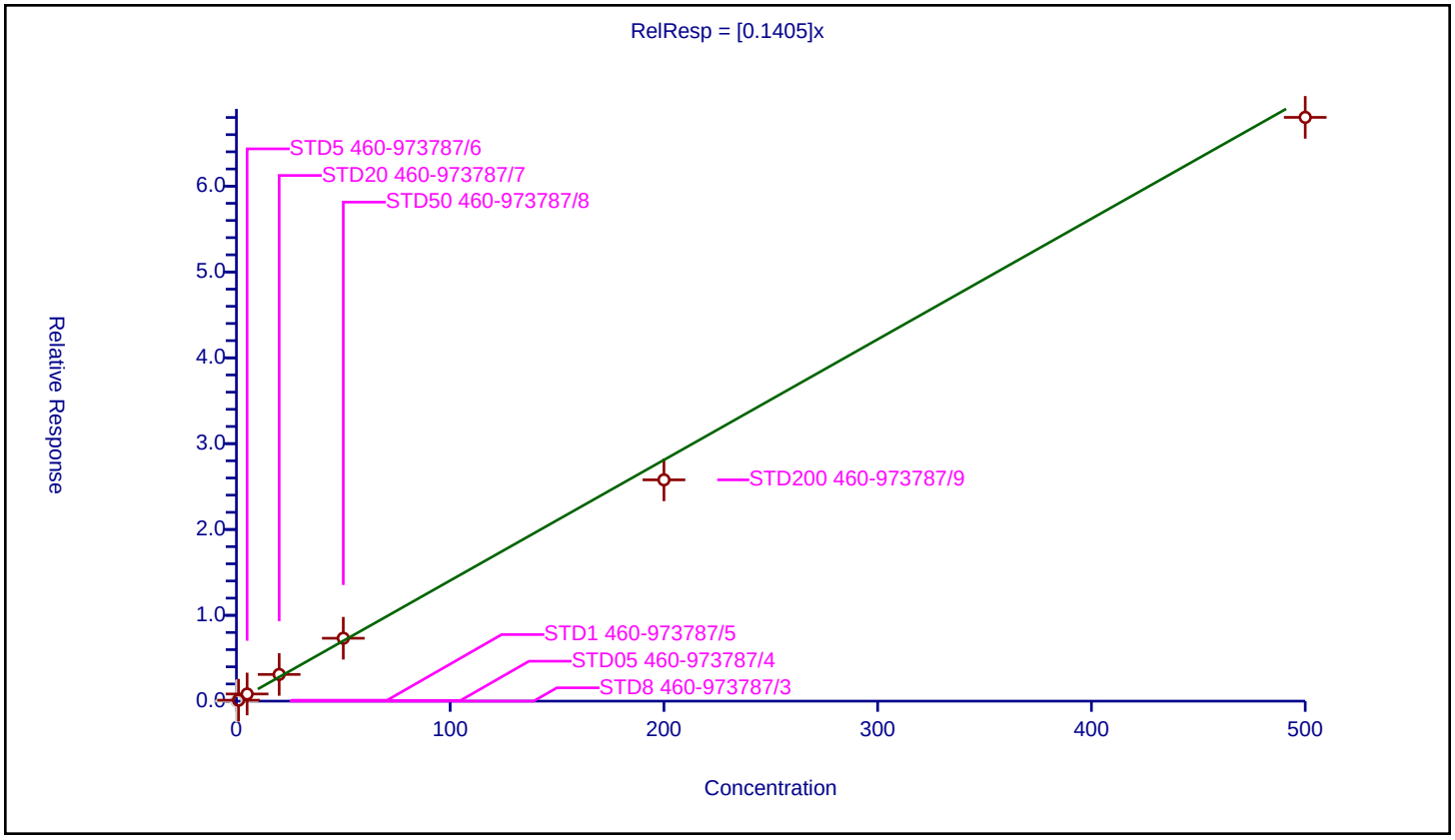
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.069795	50.0	591013.0	0.139591	N
3	STD1 460-973787/5	1.0	0.109558	50.0	633909.0	0.109558	Y
4	STD5 460-973787/6	5.0	0.832164	50.0	623014.0	0.166433	Y
5	STD20 460-973787/7	20.0	3.110983	50.0	592819.0	0.155549	Y
6	STD50 460-973787/8	50.0	7.328191	50.0	595372.0	0.146564	Y
7	STD200 460-973787/9	200.0	25.781743	50.0	616347.0	0.128909	Y
8	STD500 460-973787/10	500.0	68.013544	50.0	627278.0	0.136027	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

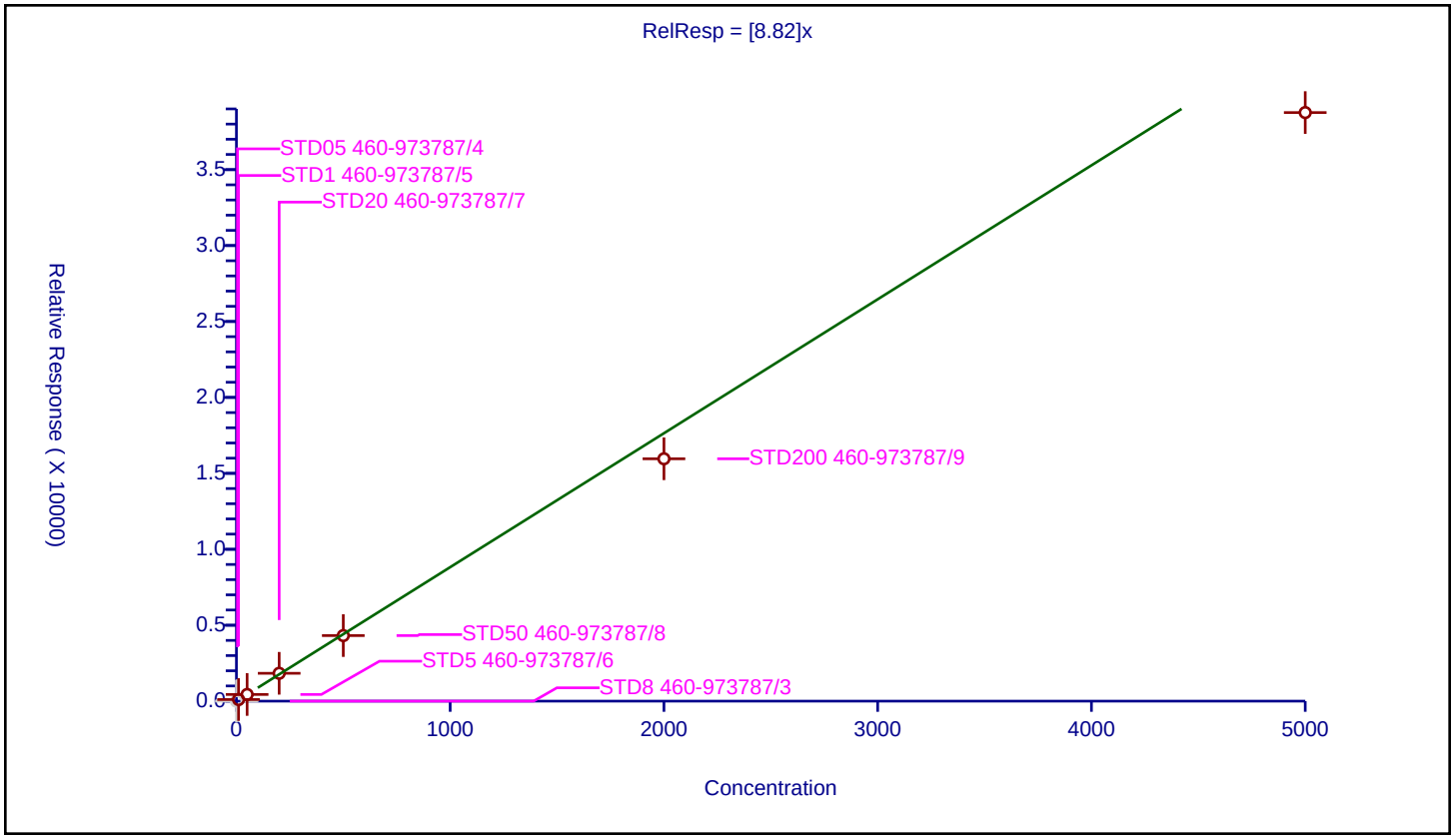
Curve Coefficients

Intercept:	0
Slope:	8.82

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	47.222222	1000.0	26640.0	9.444444	N
3	STD1 460-973787/5	10.0	106.108178	1000.0	28028.0	10.610818	Y
4	STD5 460-973787/6	50.0	438.78511	1000.0	29764.0	8.775702	Y
5	STD20 460-973787/7	200.0	1834.448101	1000.0	28257.0	9.172241	Y
6	STD50 460-973787/8	500.0	4316.277461	1000.0	28905.0	8.632555	Y
7	STD200 460-973787/9	2000.0	15959.220807	1000.0	28029.0	7.97961	Y
8	STD500 460-973787/10	5000.0	38758.130805	1000.0	30901.0	7.751626	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

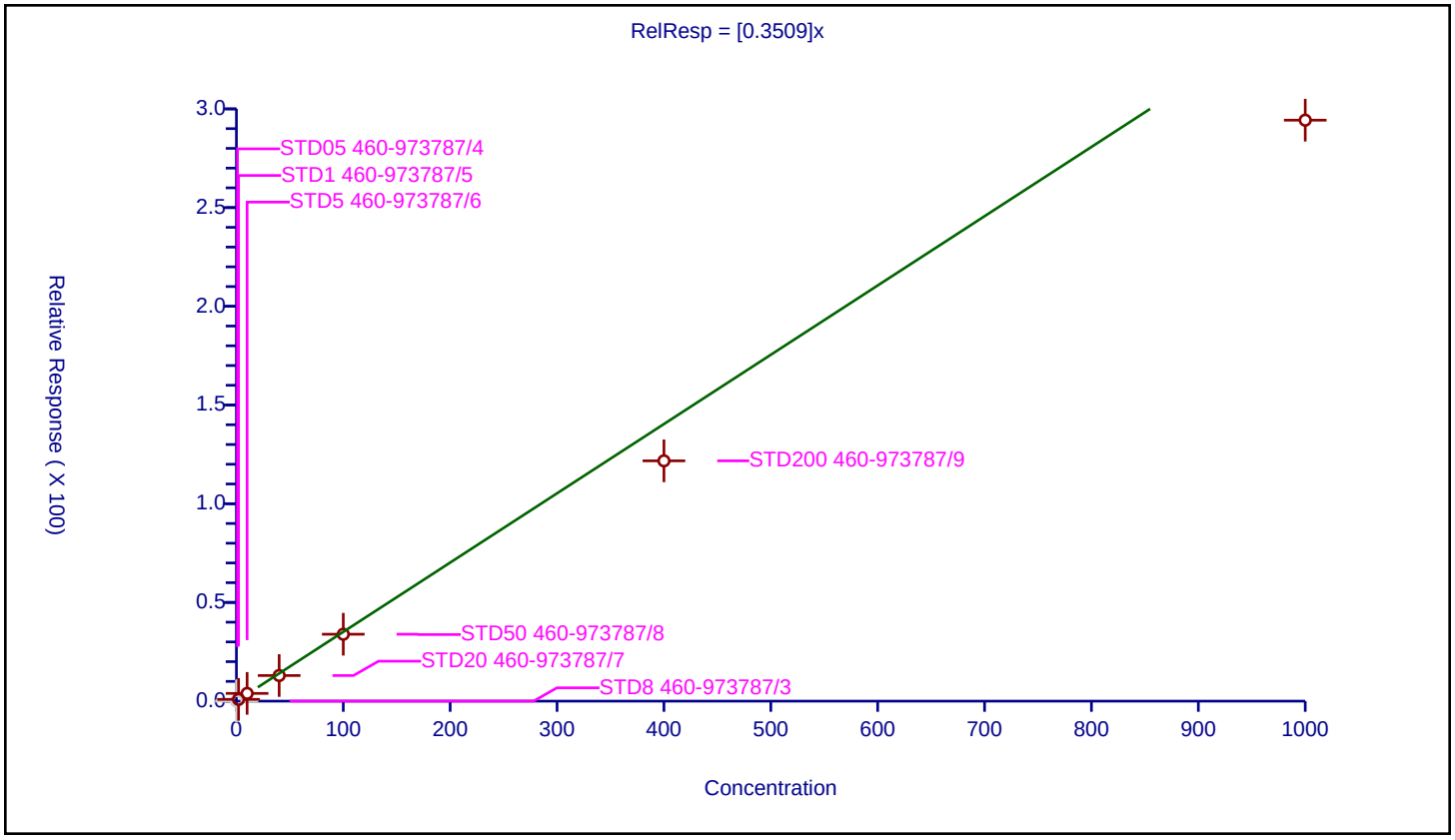
Curve Coefficients

Intercept:	0
Slope:	0.3509

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.441941	250.0	158958.0	0.441941	N
3	STD1 460-973787/5	2.0	0.903608	250.0	177898.0	0.451804	Y
4	STD5 460-973787/6	10.0	3.918456	250.0	181768.0	0.391846	Y
5	STD20 460-973787/7	40.0	12.971056	250.0	180074.0	0.324276	Y
6	STD50 460-973787/8	100.0	33.895392	250.0	170178.0	0.338954	Y
7	STD200 460-973787/9	400.0	121.724521	250.0	168296.0	0.304311	Y
8	STD500 460-973787/10	1000.0	294.284803	250.0	188095.0	0.294285	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

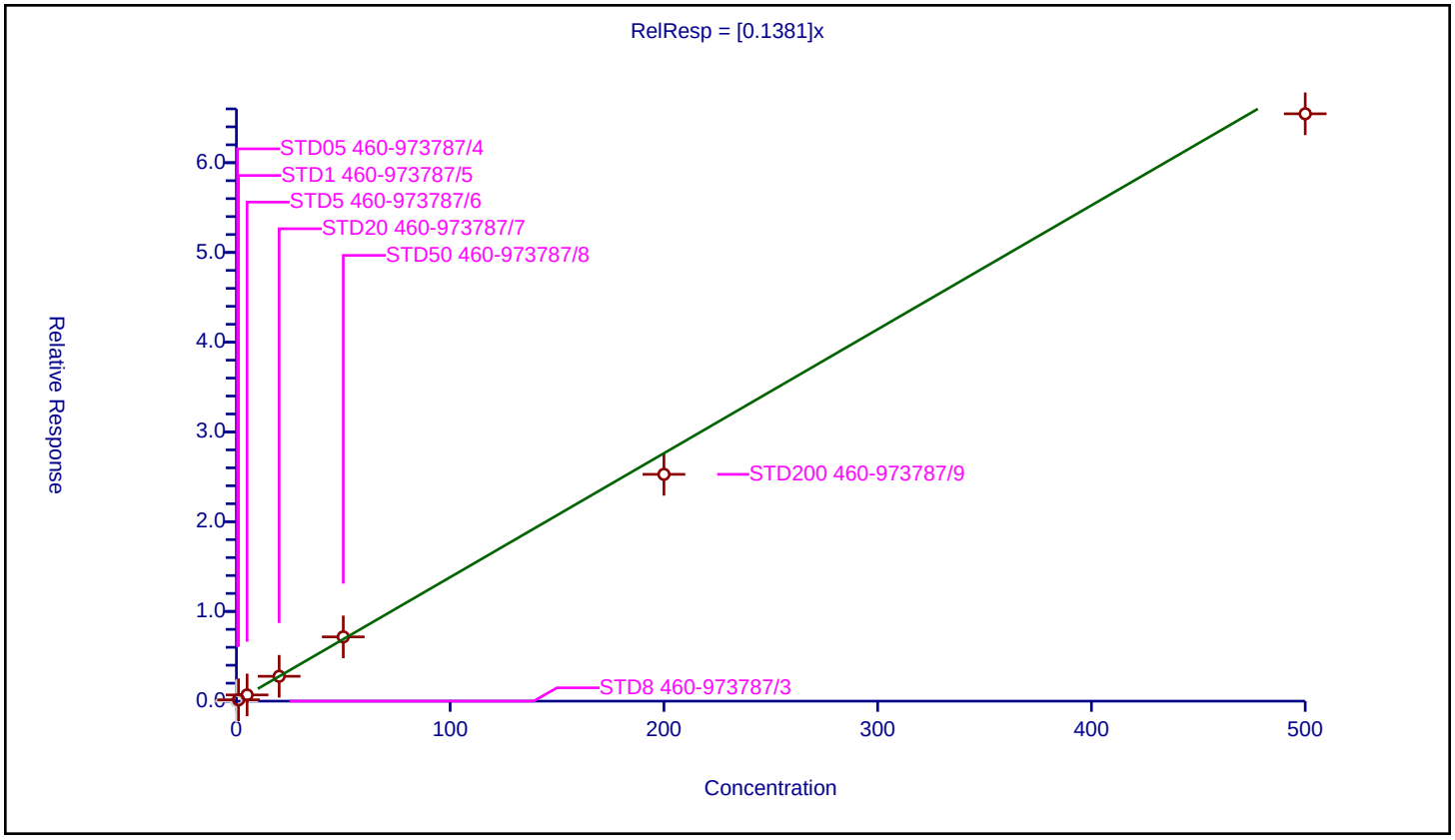
Curve Coefficients

Intercept:	0
Slope:	0.1381

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.101267	50.0	591013.0	0.202534	N
3	STD1 460-973787/5	1.0	0.151284	50.0	633909.0	0.151284	Y
4	STD5 460-973787/6	5.0	0.691718	50.0	623014.0	0.138344	Y
5	STD20 460-973787/7	20.0	2.771925	50.0	592819.0	0.138596	Y
6	STD50 460-973787/8	50.0	7.161489	50.0	595372.0	0.14323	Y
7	STD200 460-973787/9	200.0	25.275454	50.0	616347.0	0.126377	Y
8	STD500 460-973787/10	500.0	65.45495	50.0	627278.0	0.13091	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

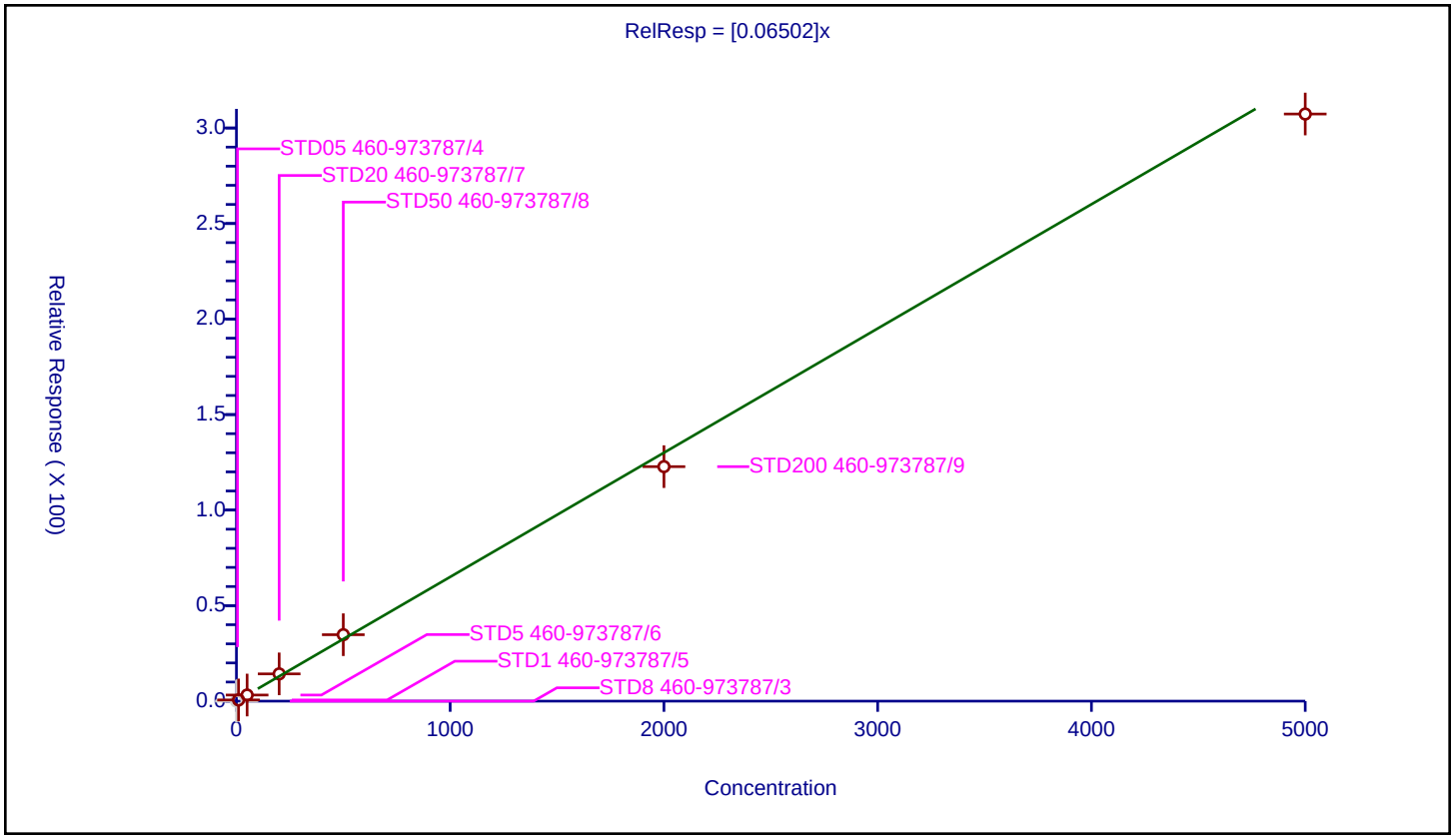
Curve Coefficients

Intercept:	0
Slope:	0.06502

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	5.0	0.421987	50.0	591013.0	0.084397	N
3	STD1 460-973787/5	10.0	0.623354	50.0	633909.0	0.062335	Y
4	STD5 460-973787/6	50.0	3.202095	50.0	623014.0	0.064042	Y
5	STD20 460-973787/7	200.0	14.269701	50.0	592819.0	0.071349	Y
6	STD50 460-973787/8	500.0	34.773637	50.0	595372.0	0.069547	Y
7	STD200 460-973787/9	2000.0	122.738571	50.0	616347.0	0.061369	Y
8	STD500 460-973787/10	5000.0	307.329605	50.0	627278.0	0.061466	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

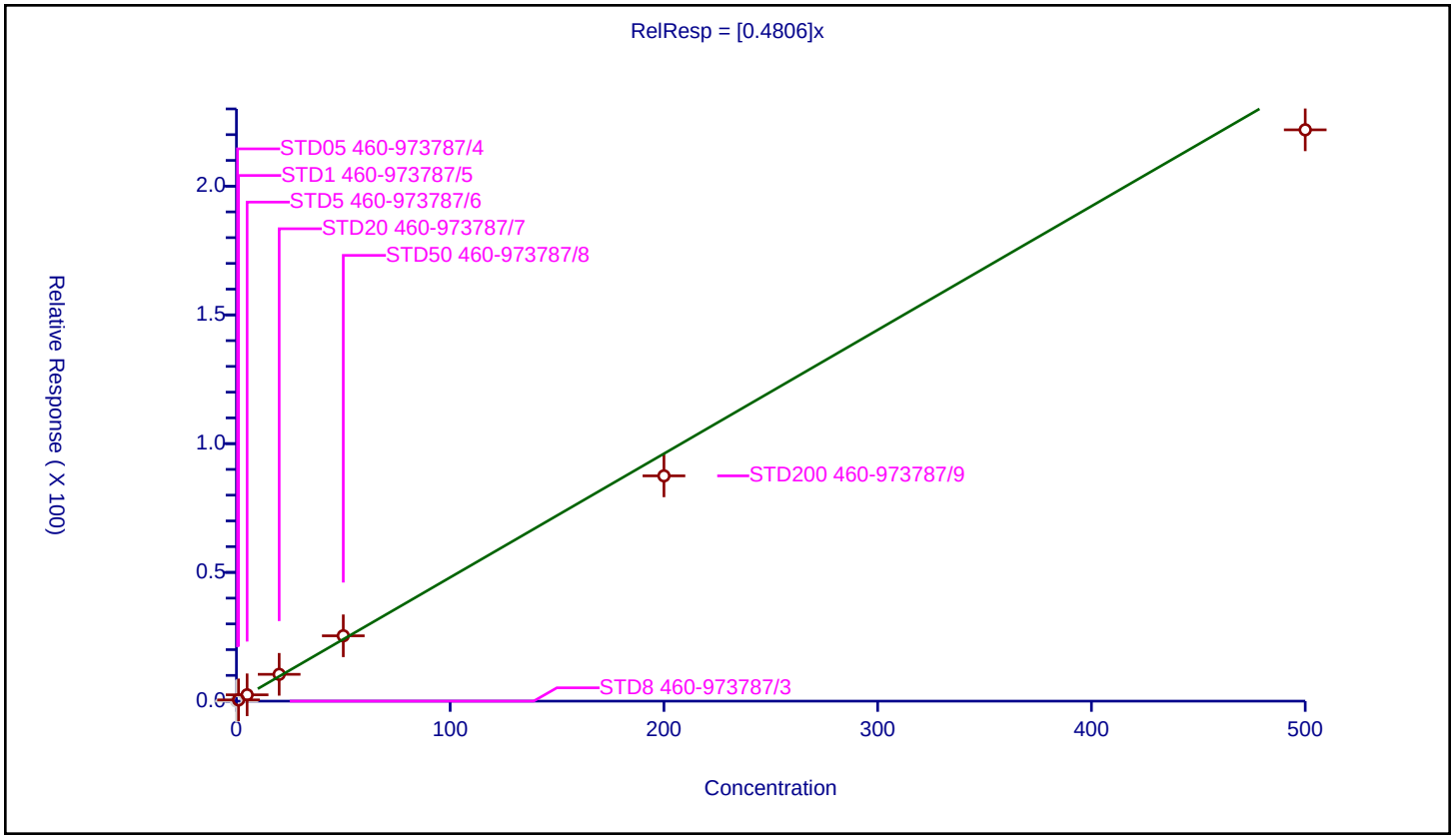
Curve Coefficients

Intercept:	0
Slope:	0.4806

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.290518	50.0	591013.0	0.581036	N
3	STD1 460-973787/5	1.0	0.483666	50.0	633909.0	0.483666	Y
4	STD5 460-973787/6	5.0	2.452513	50.0	623014.0	0.490503	Y
5	STD20 460-973787/7	20.0	10.407477	50.0	592819.0	0.520374	Y
6	STD50 460-973787/8	50.0	25.379091	50.0	595372.0	0.507582	Y
7	STD200 460-973787/9	200.0	87.489028	50.0	616347.0	0.437445	Y
8	STD500 460-973787/10	500.0	221.870765	50.0	627278.0	0.443742	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

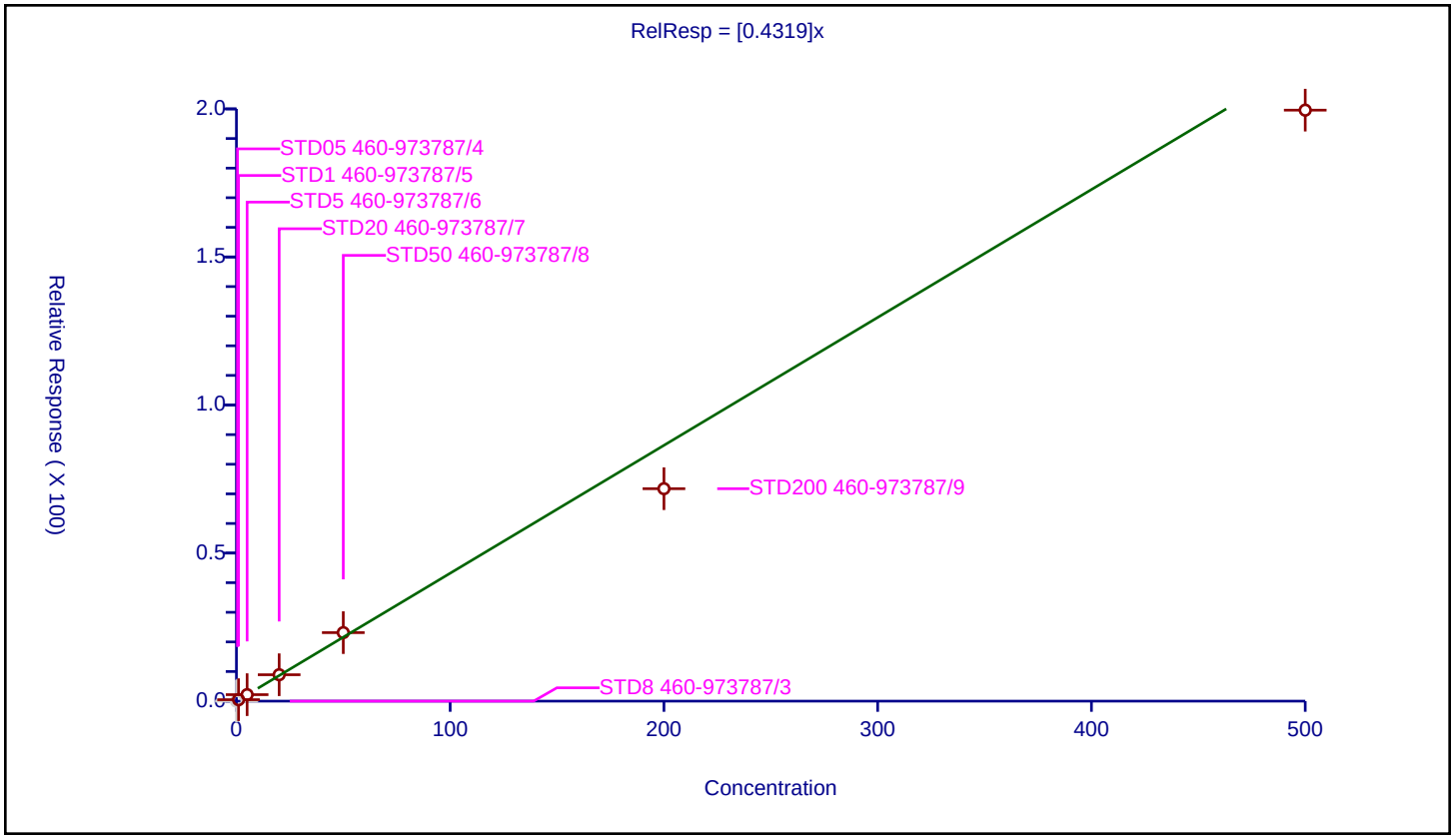
Curve Coefficients

Intercept:	0
Slope:	0.4319

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.318859	50.0	591013.0	0.637719	N
3	STD1 460-973787/5	1.0	0.48619	50.0	633909.0	0.48619	Y
4	STD5 460-973787/6	5.0	2.193209	50.0	623014.0	0.438642	Y
5	STD20 460-973787/7	20.0	8.920261	50.0	592819.0	0.446013	Y
6	STD50 460-973787/8	50.0	23.136291	50.0	595372.0	0.462726	Y
7	STD200 460-973787/9	200.0	71.741649	50.0	616347.0	0.358708	Y
8	STD500 460-973787/10	500.0	199.575786	50.0	627278.0	0.399152	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

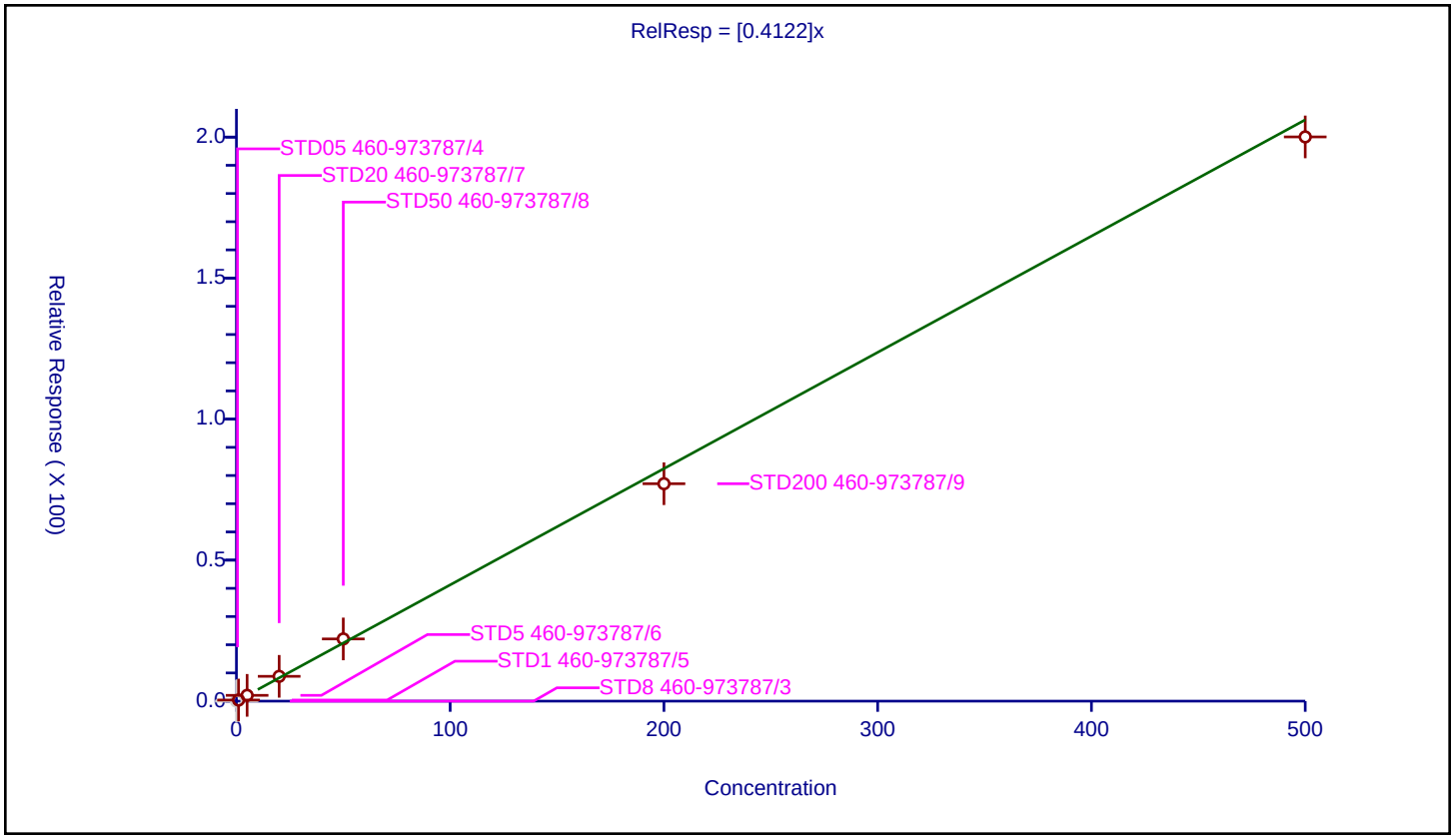
Curve Coefficients

Intercept:	0
Slope:	0.4122

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.248472	50.0	591013.0	0.496943	N
3	STD1 460-973787/5	1.0	0.395562	50.0	633909.0	0.395562	Y
4	STD5 460-973787/6	5.0	2.055572	50.0	623014.0	0.411114	Y
5	STD20 460-973787/7	20.0	8.799144	50.0	592819.0	0.439957	Y
6	STD50 460-973787/8	50.0	22.057554	50.0	595372.0	0.441151	Y
7	STD200 460-973787/9	200.0	77.091395	50.0	616347.0	0.385457	Y
8	STD500 460-973787/10	500.0	200.067753	50.0	627278.0	0.400136	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

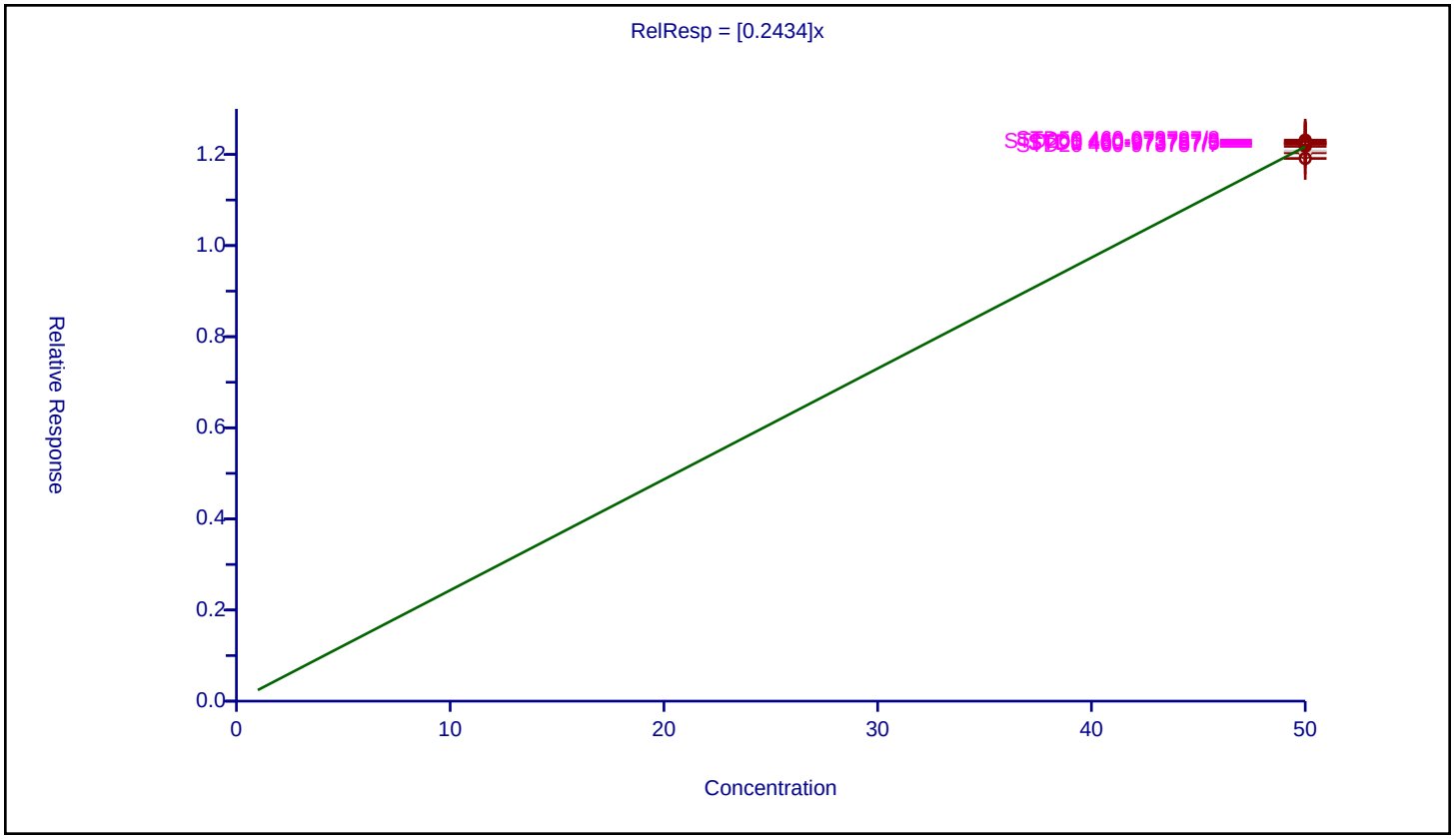
Curve Coefficients

Intercept:	0
Slope:	0.2434

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	12.036264	50.0	623873.0	0.240725	Y
2	STD05 460-973787/4	50.0	12.077822	50.0	591013.0	0.241556	N
3	STD1 460-973787/5	50.0	12.229831	50.0	633909.0	0.244597	Y
4	STD5 460-973787/6	50.0	12.24202	50.0	623014.0	0.24484	Y
5	STD20 460-973787/7	50.0	12.177663	50.0	592819.0	0.243553	Y
6	STD50 460-973787/8	50.0	12.314402	50.0	595372.0	0.246288	Y
7	STD200 460-973787/9	50.0	12.273687	50.0	616347.0	0.245474	Y
8	STD500 460-973787/10	50.0	11.912023	50.0	627278.0	0.23824	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

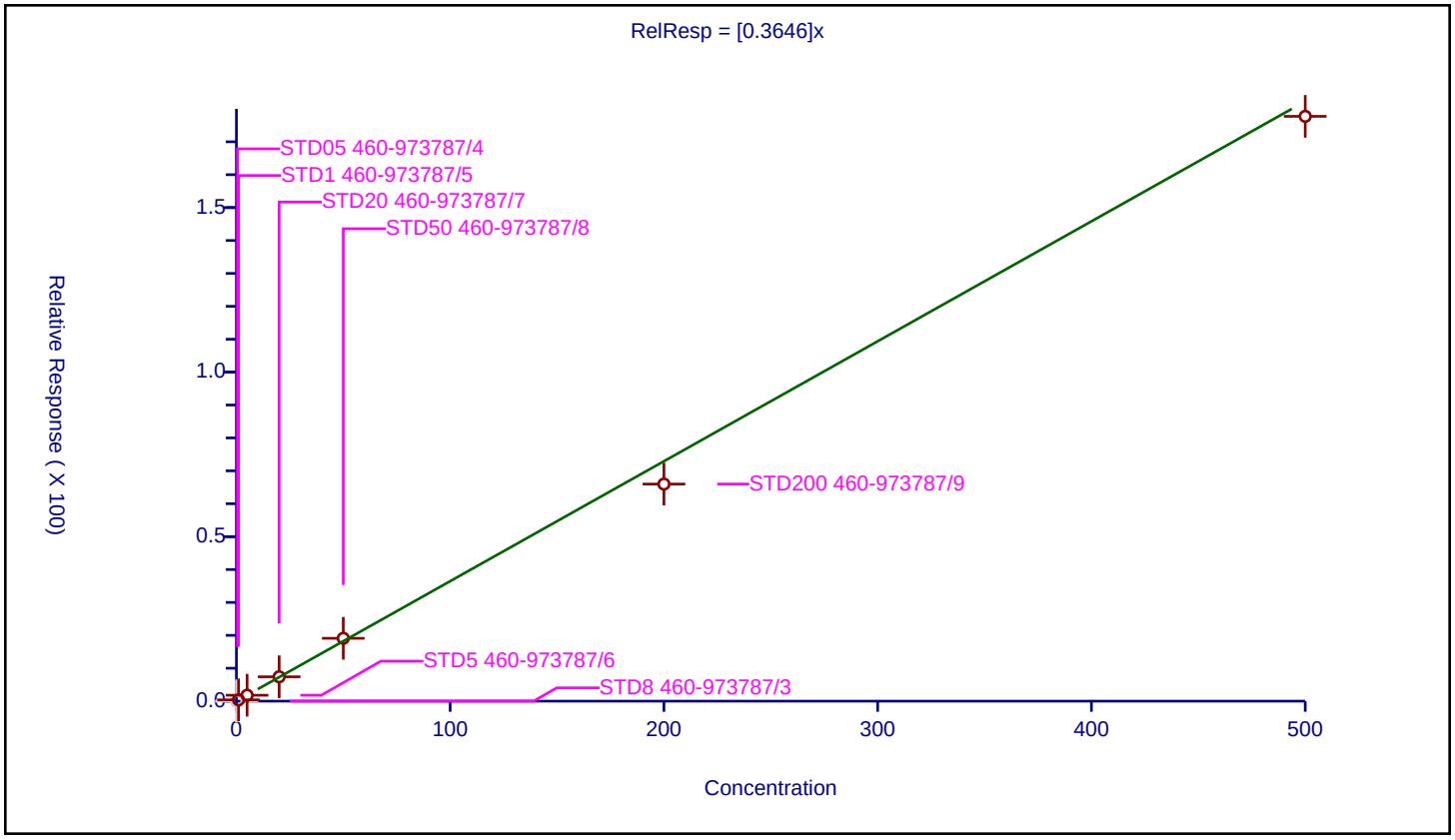
Curve Coefficients

Intercept:	0
Slope:	0.3646

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.207525	50.0	591013.0	0.41505	N
3	STD1 460-973787/5	1.0	0.39217	50.0	633909.0	0.39217	Y
4	STD5 460-973787/6	5.0	1.789446	50.0	623014.0	0.357889	Y
5	STD20 460-973787/7	20.0	7.400319	50.0	592819.0	0.370016	Y
6	STD50 460-973787/8	50.0	19.100159	50.0	595372.0	0.382003	Y
7	STD200 460-973787/9	200.0	65.973469	50.0	616347.0	0.329867	Y
8	STD500 460-973787/10	500.0	177.736107	50.0	627278.0	0.355472	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

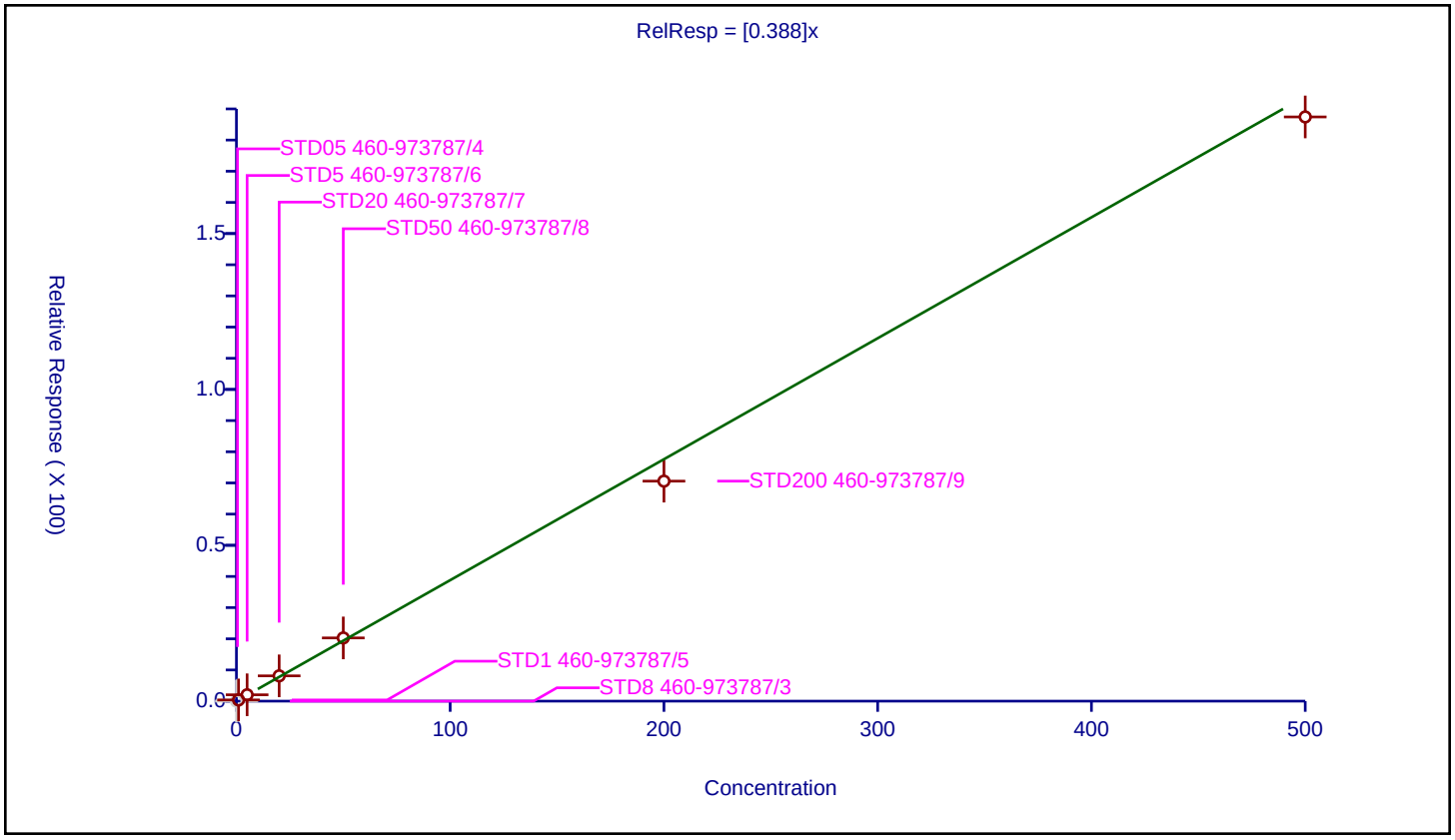
Curve Coefficients

Intercept:	0
Slope:	0.388

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.298048	50.0	591013.0	0.596095	N
3	STD1 460-973787/5	1.0	0.381285	50.0	633909.0	0.381285	Y
4	STD5 460-973787/6	5.0	2.039441	50.0	623014.0	0.407888	Y
5	STD20 460-973787/7	20.0	8.114281	50.0	592819.0	0.405714	Y
6	STD50 460-973787/8	50.0	20.279758	50.0	595372.0	0.405595	Y
7	STD200 460-973787/9	200.0	70.583697	50.0	616347.0	0.352918	Y
8	STD500 460-973787/10	500.0	187.423519	50.0	627278.0	0.374847	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

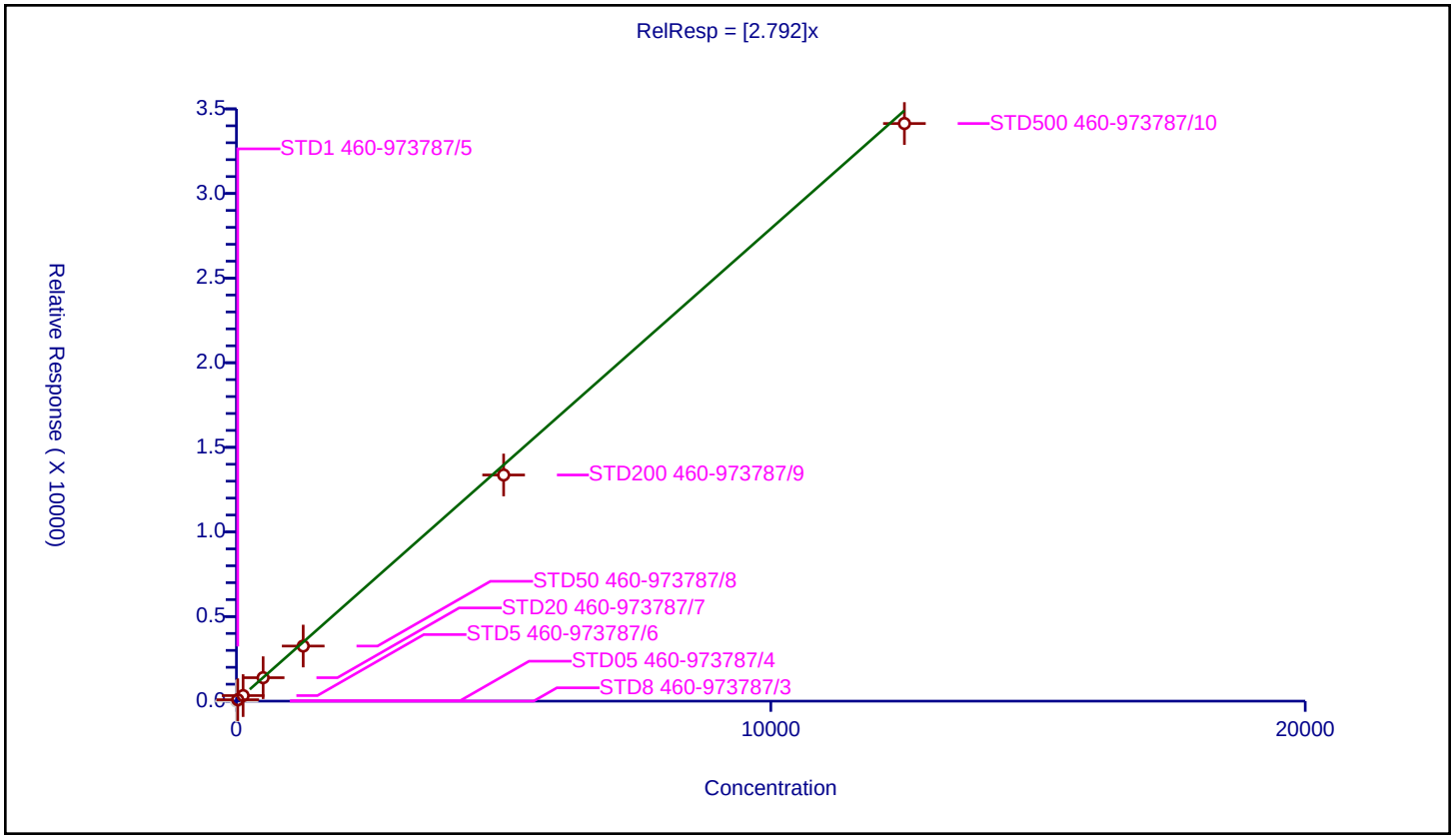
Curve Coefficients

Intercept:	0
Slope:	2.792

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	12.5	21.546547	1000.0	26640.0	1.723724	N
3	STD1 460-973787/5	25.0	83.702012	1000.0	28028.0	3.34808	Y
4	STD5 460-973787/6	125.0	328.013708	1000.0	29764.0	2.62411	Y
5	STD20 460-973787/7	500.0	1385.355841	1000.0	28257.0	2.770712	Y
6	STD50 460-973787/8	1250.0	3256.495416	1000.0	28905.0	2.605196	Y
7	STD200 460-973787/9	5000.0	13365.76403	1000.0	28029.0	2.673153	Y
8	STD500 460-973787/10	12500.0	34136.306268	1000.0	30901.0	2.730905	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

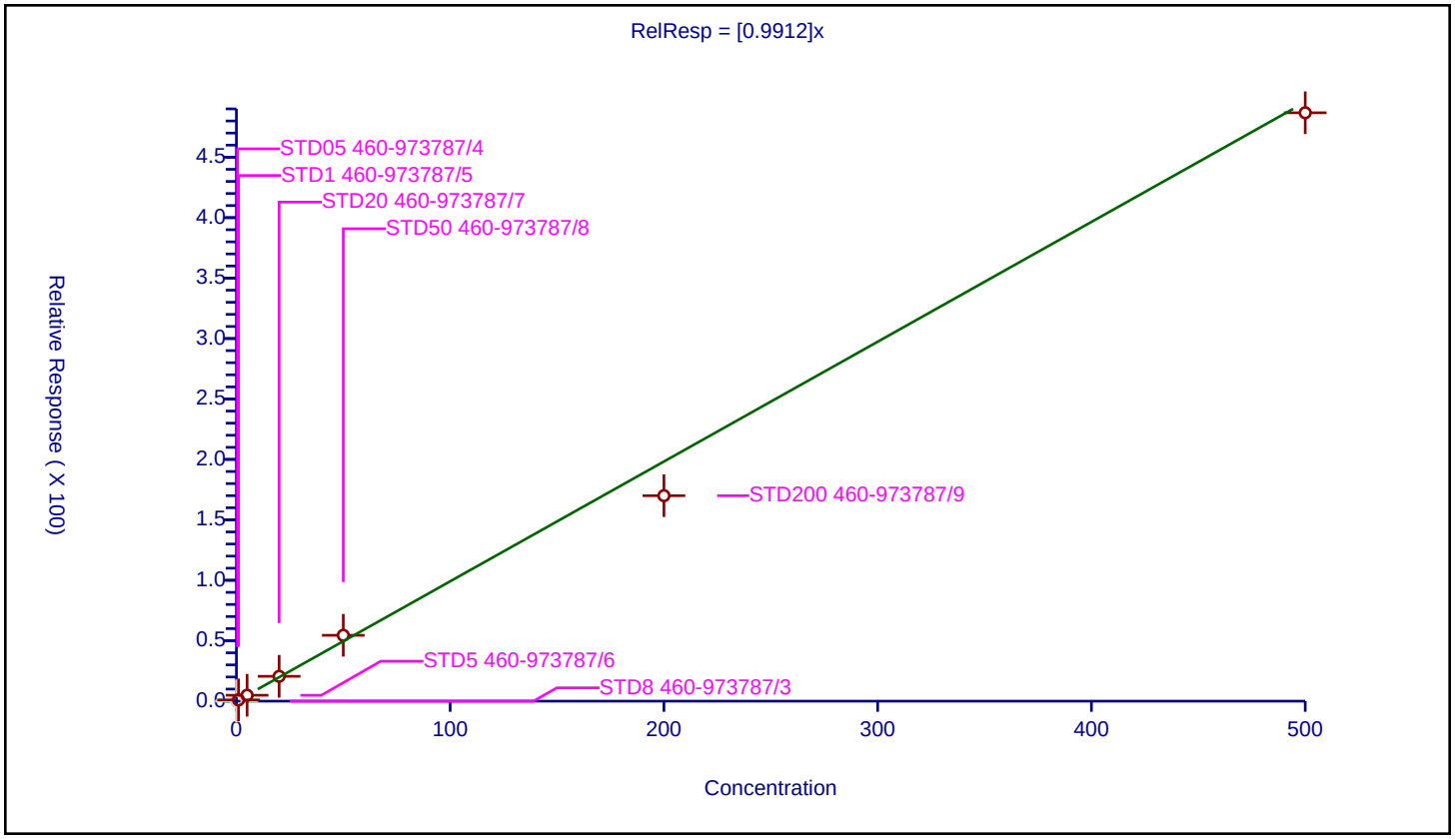
Curve Coefficients

Intercept:	0
Slope:	0.9912

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.679342	50.0	591013.0	1.358684	N
3	STD1 460-973787/5	1.0	1.029249	50.0	633909.0	1.029249	Y
4	STD5 460-973787/6	5.0	4.885845	50.0	623014.0	0.977169	Y
5	STD20 460-973787/7	20.0	20.557961	50.0	592819.0	1.027898	Y
6	STD50 460-973787/8	50.0	54.473338	50.0	595372.0	1.089467	Y
7	STD200 460-973787/9	200.0	169.991498	50.0	616347.0	0.849957	Y
8	STD500 460-973787/10	500.0	486.774445	50.0	627278.0	0.973549	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

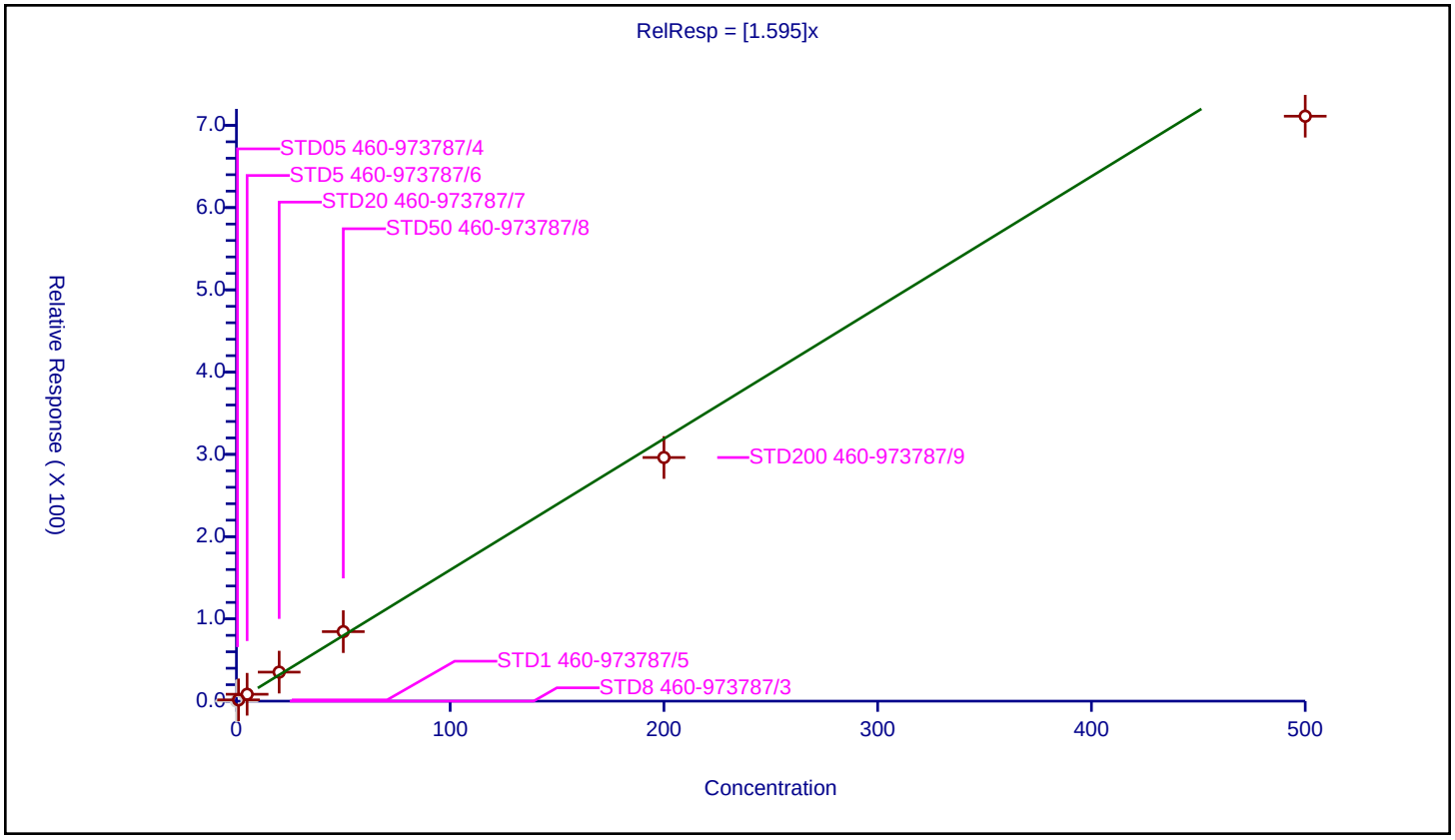
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.948956	50.0	411294.0	1.897912	N
3	STD1 460-973787/5	1.0	1.53645	50.0	454294.0	1.53645	Y
4	STD5 460-973787/6	5.0	8.376655	50.0	430888.0	1.675331	Y
5	STD20 460-973787/7	20.0	35.282852	50.0	414333.0	1.764143	Y
6	STD50 460-973787/8	50.0	84.495257	50.0	429288.0	1.689905	Y
7	STD200 460-973787/9	200.0	296.201583	50.0	442250.0	1.481008	Y
8	STD500 460-973787/10	500.0	711.131861	50.0	457309.0	1.422264	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

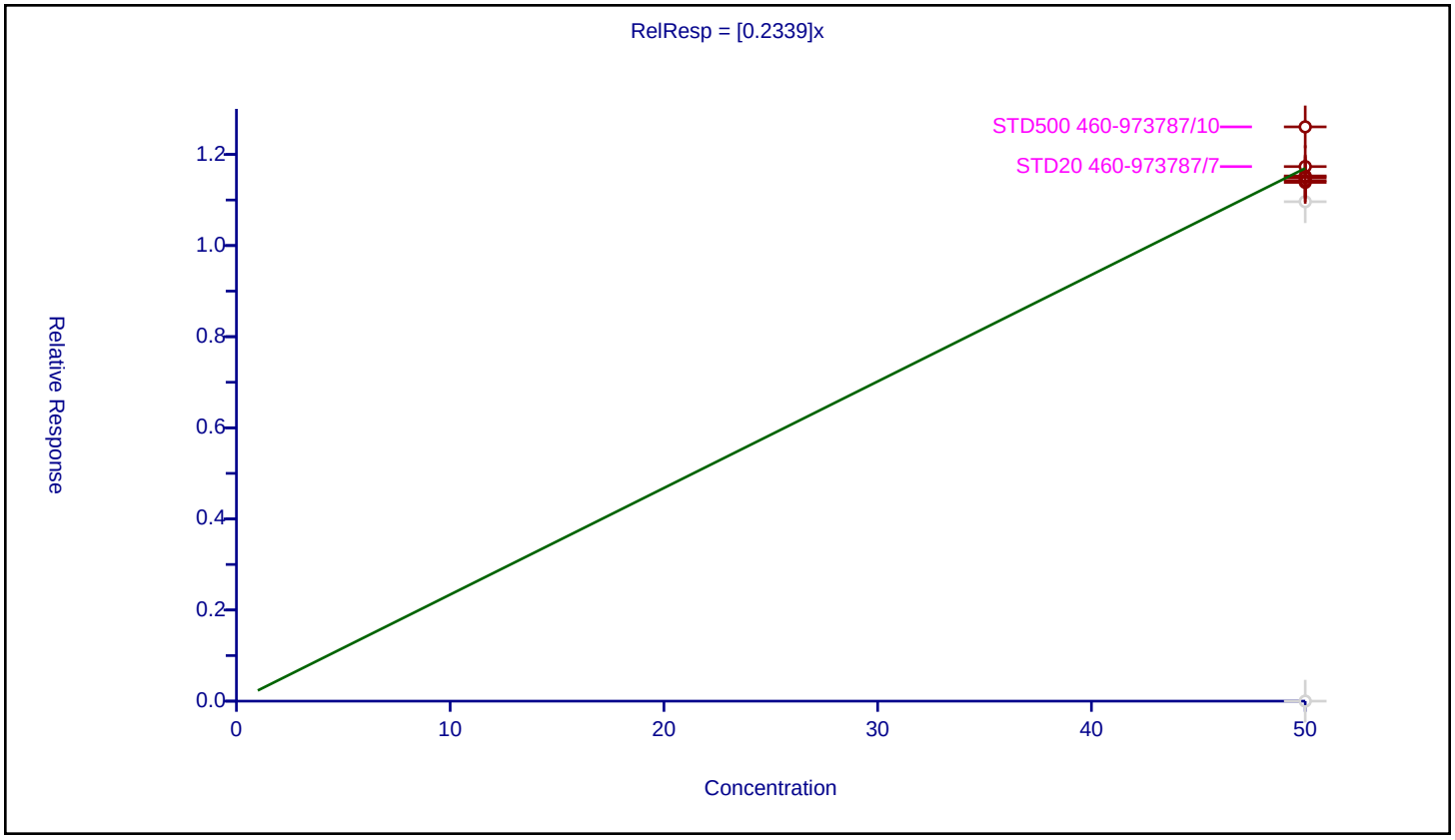
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	50.0	10.962618	50.0	591013.0	0.219252	N
3	STD1 460-973787/5	50.0	11.38665	50.0	633909.0	0.227733	Y
4	STD5 460-973787/6	50.0	11.528072	50.0	623014.0	0.230561	Y
5	STD20 460-973787/7	50.0	11.733936	50.0	592819.0	0.234679	Y
6	STD50 460-973787/8	50.0	11.492731	50.0	595372.0	0.229855	Y
7	STD200 460-973787/9	50.0	11.427248	50.0	616347.0	0.228545	Y
8	STD500 460-973787/10	50.0	12.605495	50.0	627278.0	0.25211	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

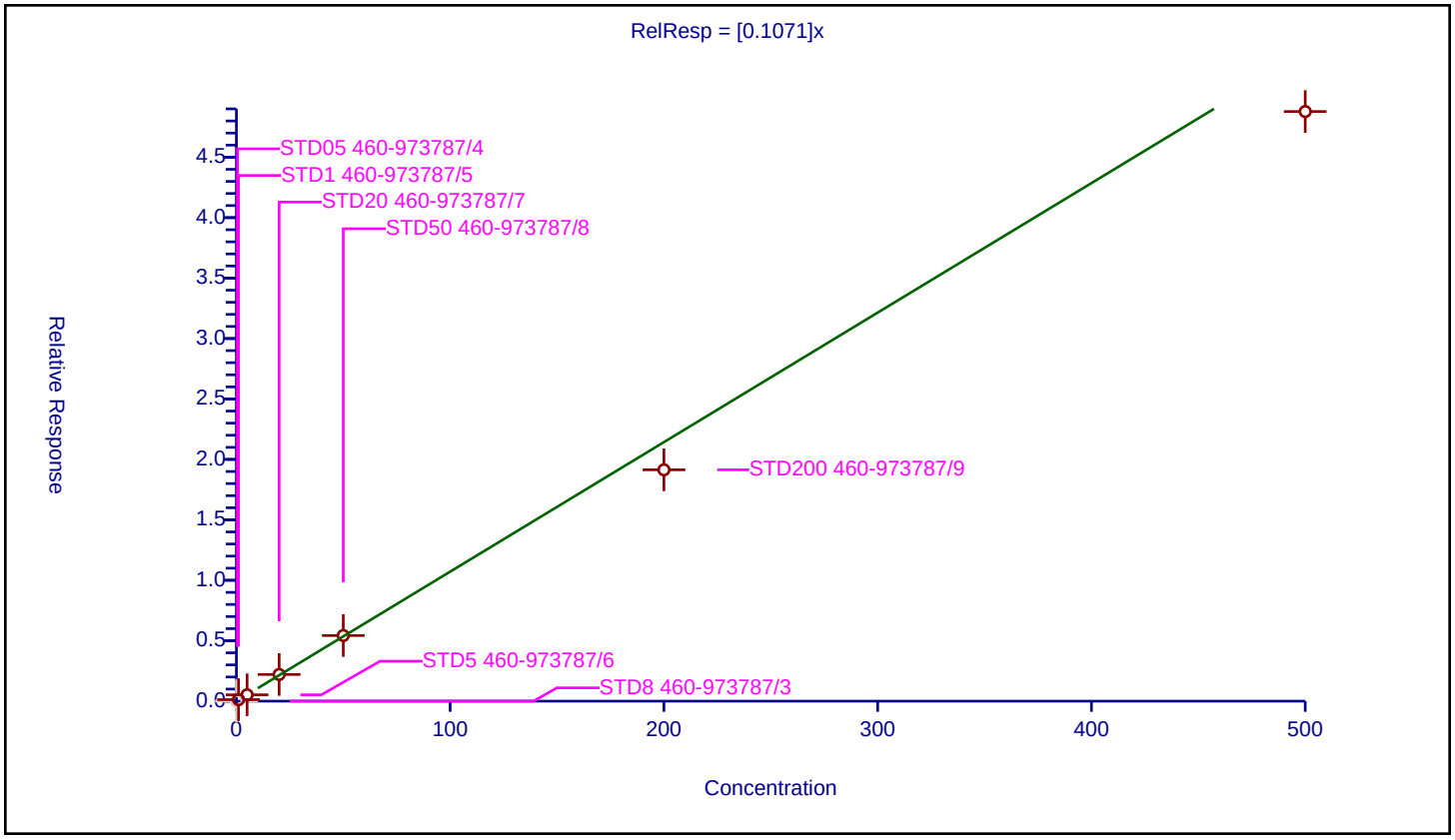
Curve Coefficients

Intercept:	0
Slope:	0.1071

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.08993	50.0	591013.0	0.179861	N
3	STD1 460-973787/5	1.0	0.125491	50.0	633909.0	0.125491	Y
4	STD5 460-973787/6	5.0	0.525831	50.0	623014.0	0.105166	Y
5	STD20 460-973787/7	20.0	2.207672	50.0	592819.0	0.110384	Y
6	STD50 460-973787/8	50.0	5.429295	50.0	595372.0	0.108586	Y
7	STD200 460-973787/9	200.0	19.139705	50.0	616347.0	0.095699	Y
8	STD500 460-973787/10	500.0	48.779409	50.0	627278.0	0.097559	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

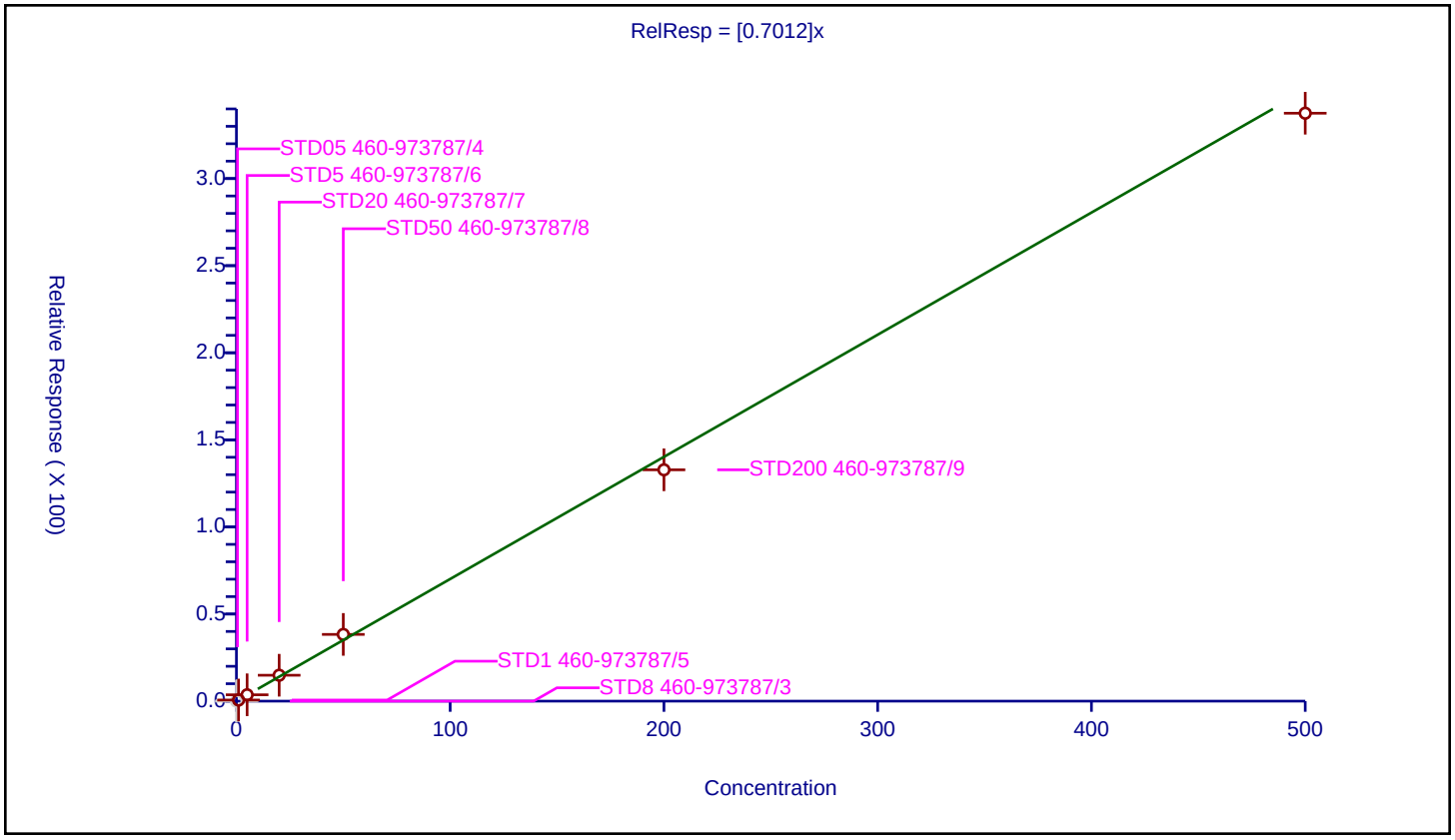
Curve Coefficients

Intercept:	0
Slope:	0.7012

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.392039	50.0	591013.0	0.784078	N
3	STD1 460-973787/5	1.0	0.62927	50.0	633909.0	0.62927	Y
4	STD5 460-973787/6	5.0	3.64422	50.0	623014.0	0.728844	Y
5	STD20 460-973787/7	20.0	14.873933	50.0	592819.0	0.743697	Y
6	STD50 460-973787/8	50.0	38.311257	50.0	595372.0	0.766225	Y
7	STD200 460-973787/9	200.0	132.804411	50.0	616347.0	0.664022	Y
8	STD500 460-973787/10	500.0	337.524989	50.0	627278.0	0.67505	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

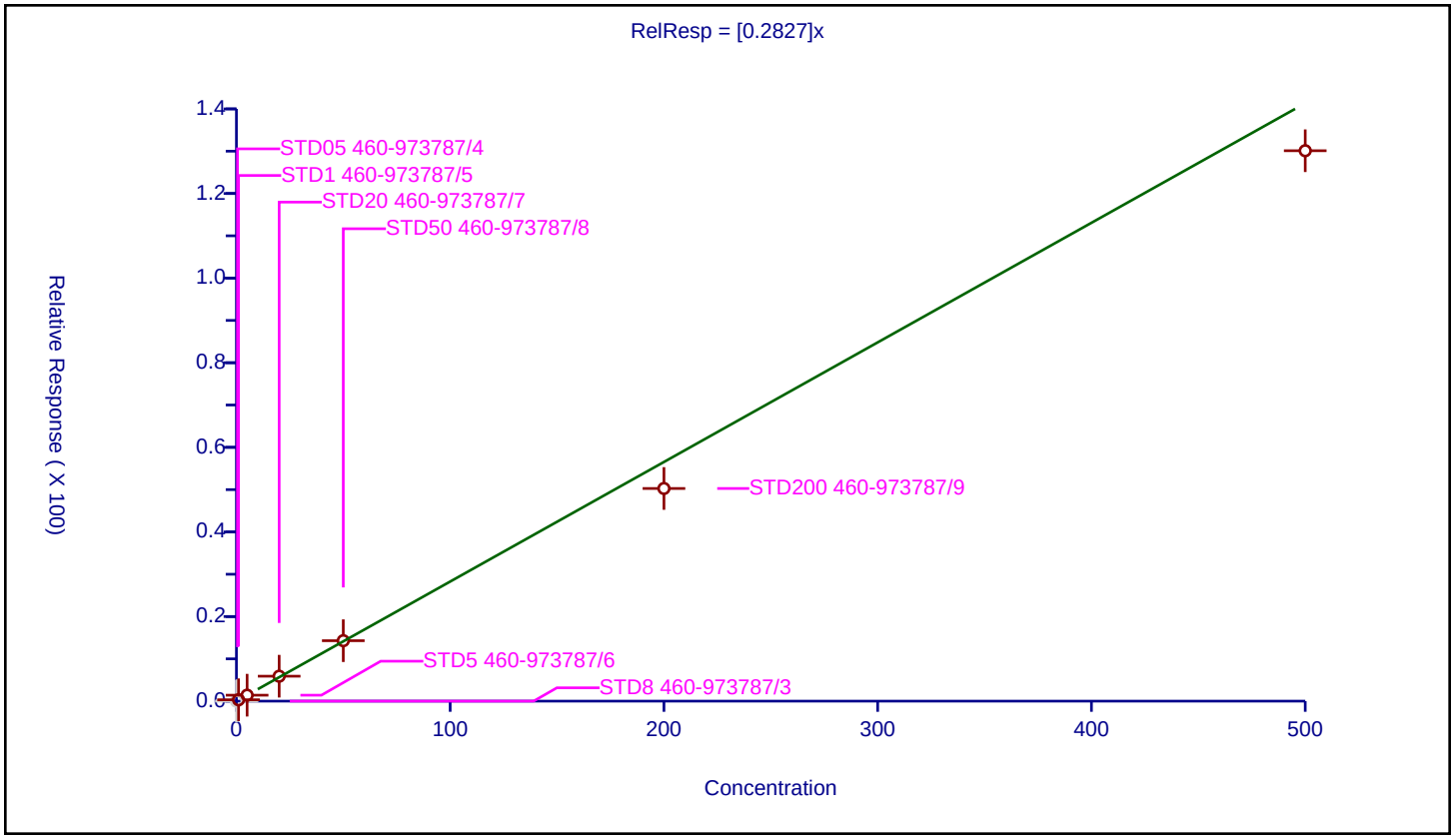
Curve Coefficients

Intercept:	0
Slope:	0.2827

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.180368	50.0	591013.0	0.360737	N
3	STD1 460-973787/5	1.0	0.322207	50.0	633909.0	0.322207	Y
4	STD5 460-973787/6	5.0	1.409037	50.0	623014.0	0.281807	Y
5	STD20 460-973787/7	20.0	5.894379	50.0	592819.0	0.294719	Y
6	STD50 460-973787/8	50.0	14.288798	50.0	595372.0	0.285776	Y
7	STD200 460-973787/9	200.0	50.267301	50.0	616347.0	0.251337	Y
8	STD500 460-973787/10	500.0	130.110972	50.0	627278.0	0.260222	Y



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Calibration / n-Heptane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

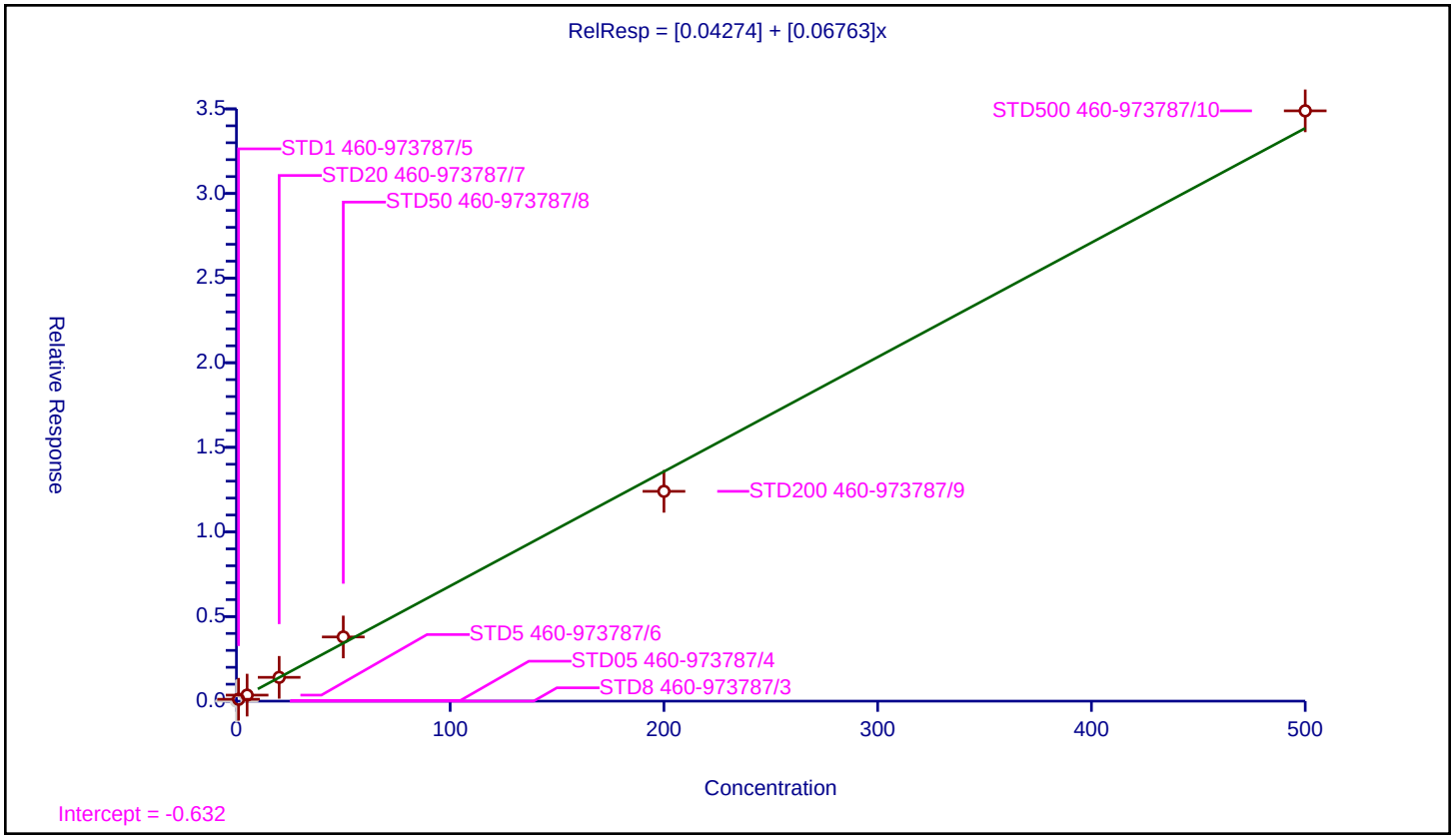
Curve Coefficients

Intercept:	0.04274
Slope:	0.06763

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.042131	50.0	591013.0	0.084262	N
3	STD1 460-973787/5	1.0	0.111215	50.0	633909.0	0.111215	Y
4	STD5 460-973787/6	5.0	0.356092	50.0	623014.0	0.071218	Y
5	STD20 460-973787/7	20.0	1.406416	50.0	592819.0	0.070321	Y
6	STD50 460-973787/8	50.0	3.792251	50.0	595372.0	0.075845	Y
7	STD200 460-973787/9	200.0	12.399346	50.0	616347.0	0.061997	Y
8	STD500 460-973787/10	500.0	34.885728	50.0	627278.0	0.069771	Y



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Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

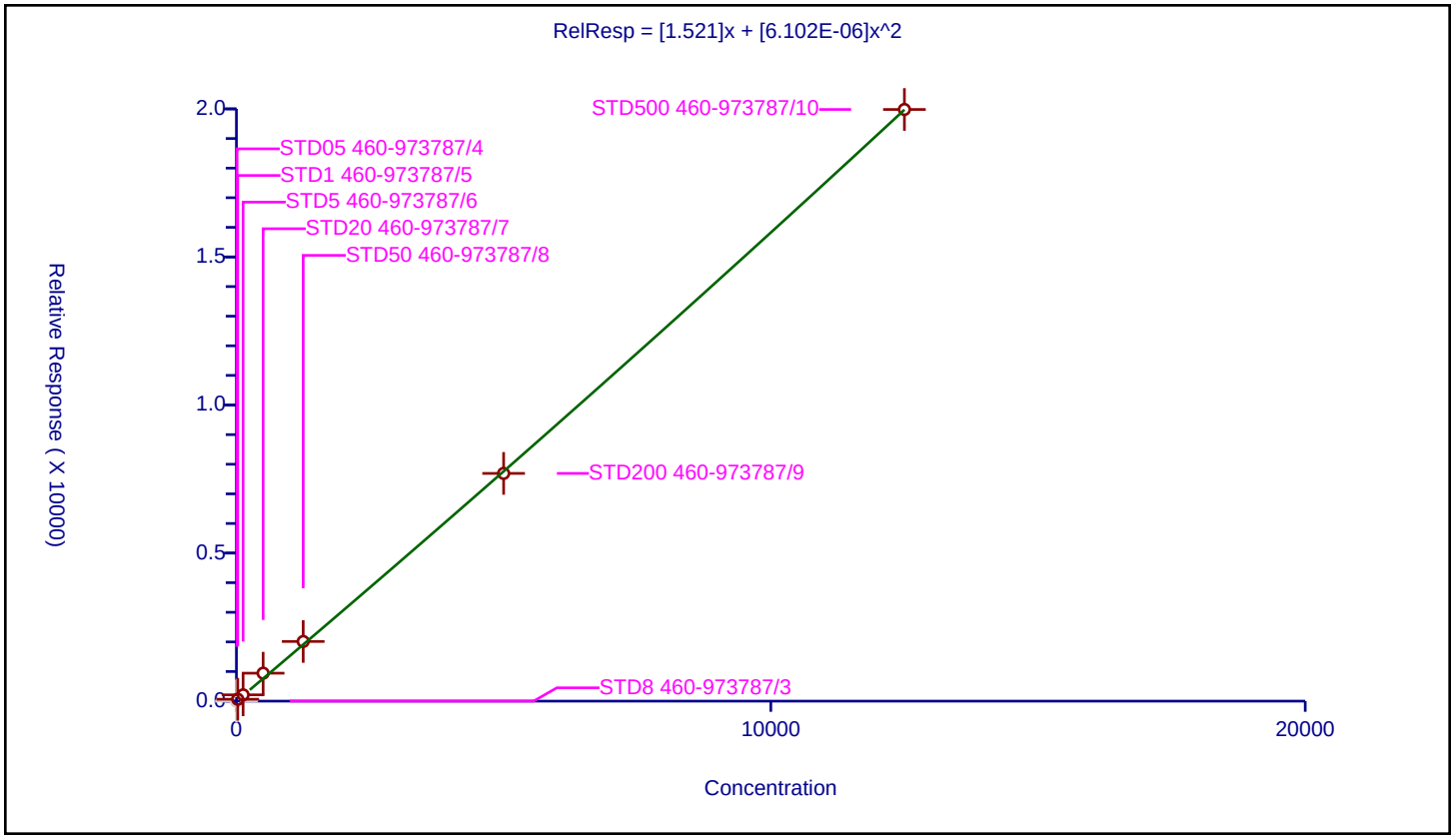
Curve Coefficients

Intercept:	0
Slope:	1.521
Second Order:	6.102E-06

Error Coefficients

Relative Standard Deviation:	36.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	12.5	36.298799	1000.0	26640.0	2.903904	N
3	STD1 460-973787/5	25.0	64.114457	1000.0	28028.0	2.564578	Y
4	STD5 460-973787/6	125.0	212.404247	1000.0	29764.0	1.699234	Y
5	STD20 460-973787/7	500.0	944.049262	1000.0	28257.0	1.888099	Y
6	STD50 460-973787/8	1250.0	2014.945511	1000.0	28905.0	1.611956	Y
7	STD200 460-973787/9	5000.0	7690.427771	1000.0	28029.0	1.538086	Y
8	STD500 460-973787/10	12500.0	19980.615514	1000.0	30901.0	1.598449	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

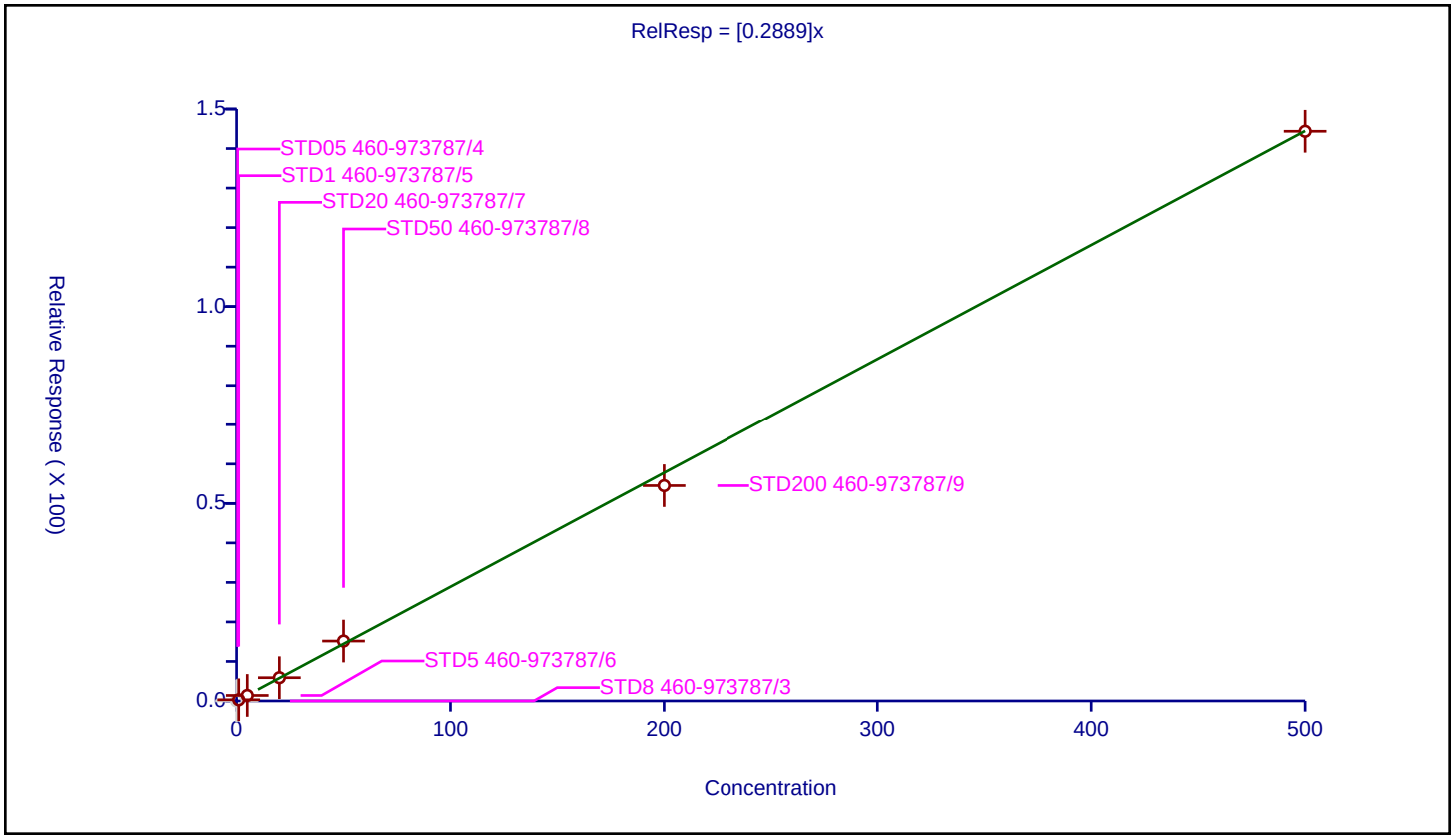
Curve Coefficients

Intercept:	0
Slope:	0.2889

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.198642	50.0	591013.0	0.397284	N
3	STD1 460-973787/5	1.0	0.296494	50.0	633909.0	0.296494	Y
4	STD5 460-973787/6	5.0	1.390338	50.0	623014.0	0.278068	Y
5	STD20 460-973787/7	20.0	5.887547	50.0	592819.0	0.294377	Y
6	STD50 460-973787/8	50.0	15.163125	50.0	595372.0	0.303262	Y
7	STD200 460-973787/9	200.0	54.523507	50.0	616347.0	0.272618	Y
8	STD500 460-973787/10	500.0	144.371794	50.0	627278.0	0.288744	Y



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Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

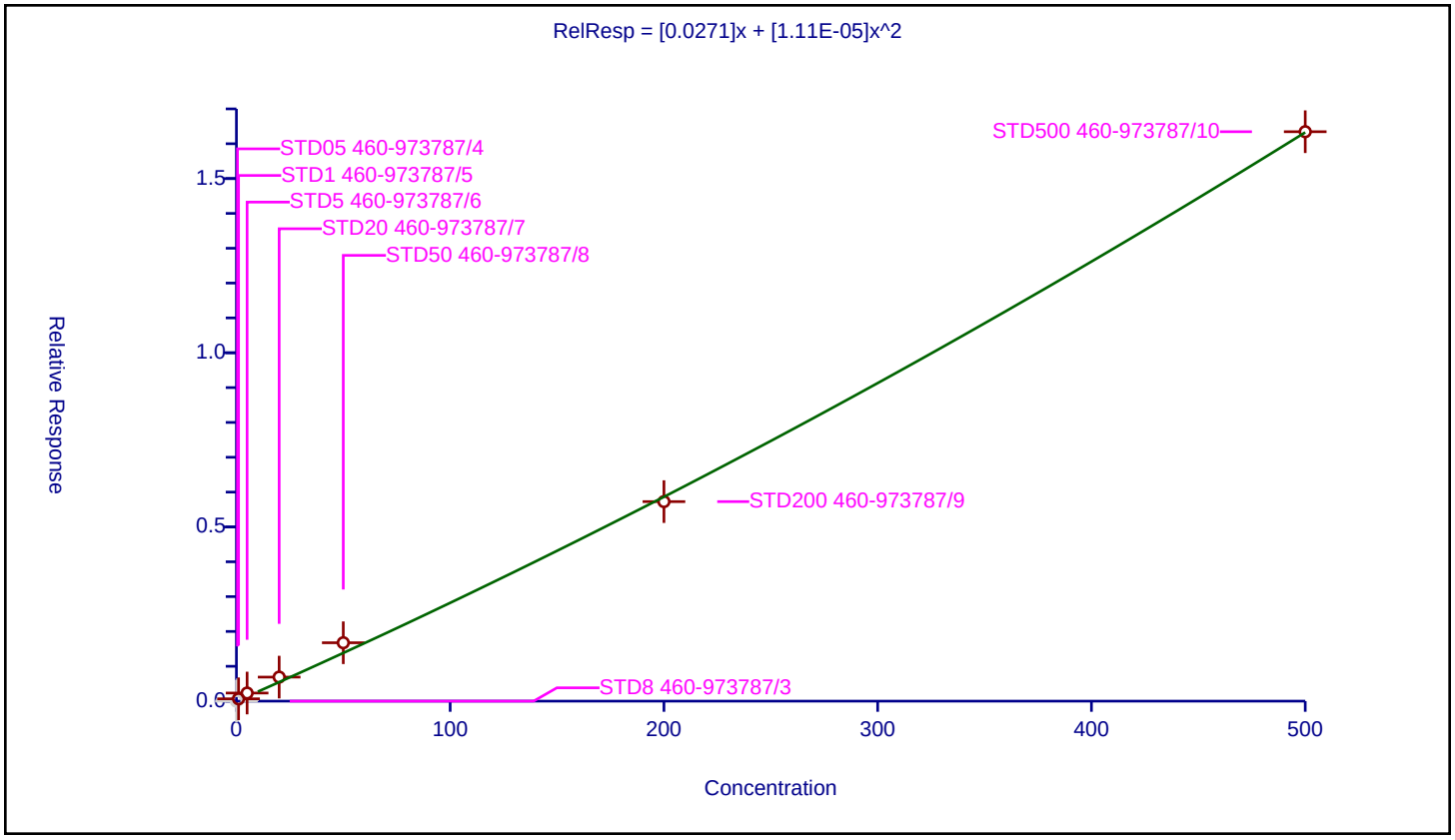
Curve Coefficients

Intercept:	0
Slope:	0.0271
Second Order:	1.11E-05

Error Coefficients

Relative Standard Deviation:	83.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.041708	50.0	591013.0	0.083416	N
3	STD1 460-973787/5	1.0	0.066887	50.0	633909.0	0.066887	Y
4	STD5 460-973787/6	5.0	0.232579	50.0	623014.0	0.046516	Y
5	STD20 460-973787/7	20.0	0.690008	50.0	592819.0	0.0345	Y
6	STD50 460-973787/8	50.0	1.676263	50.0	595372.0	0.033525	Y
7	STD200 460-973787/9	200.0	5.72705	50.0	616347.0	0.028635	Y
8	STD500 460-973787/10	500.0	16.344747	50.0	627278.0	0.032689	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

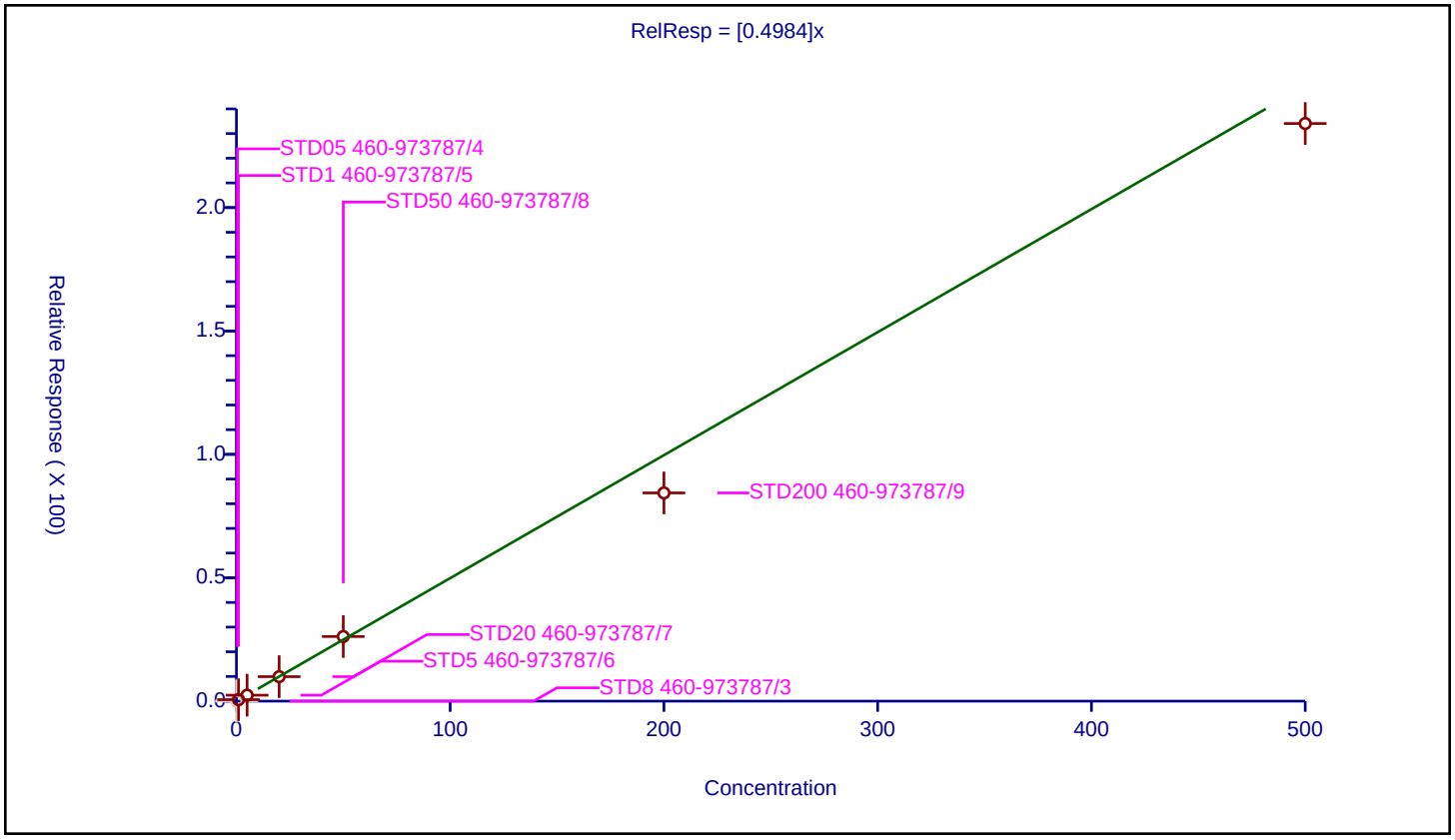
Curve Coefficients

Intercept:	0
Slope:	0.4984

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.387809	50.0	591013.0	0.775617	N
3	STD1 460-973787/5	1.0	0.59772	50.0	633909.0	0.59772	Y
4	STD5 460-973787/6	5.0	2.415435	50.0	623014.0	0.483087	Y
5	STD20 460-973787/7	20.0	9.919385	50.0	592819.0	0.495969	Y
6	STD50 460-973787/8	50.0	26.183882	50.0	595372.0	0.523678	Y
7	STD200 460-973787/9	200.0	84.375198	50.0	616347.0	0.421876	Y
8	STD500 460-973787/10	500.0	234.071098	50.0	627278.0	0.468142	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

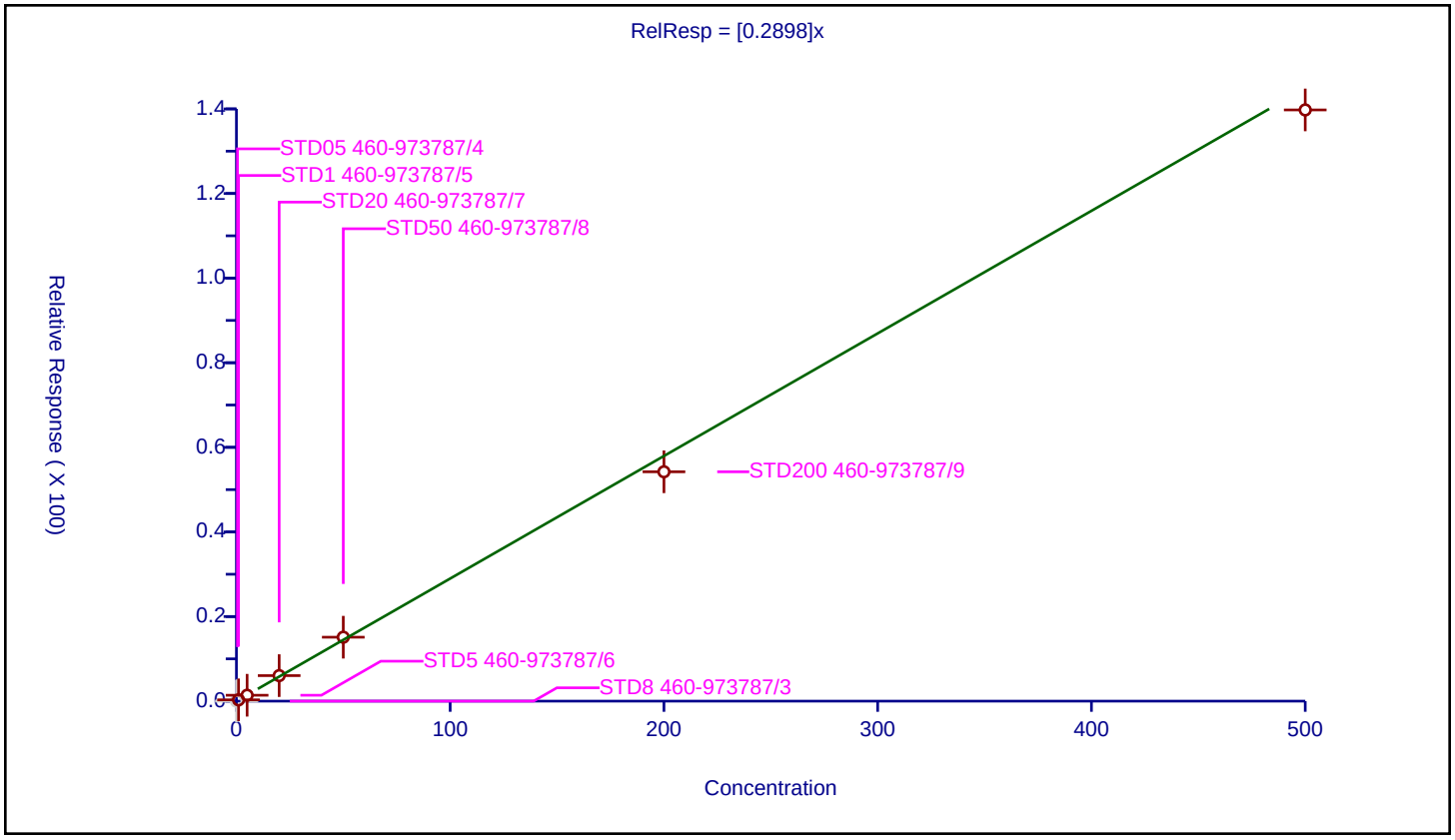
Curve Coefficients

Intercept:	0
Slope:	0.2898

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.200672	50.0	591013.0	0.401345	N
3	STD1 460-973787/5	1.0	0.305091	50.0	633909.0	0.305091	Y
4	STD5 460-973787/6	5.0	1.394351	50.0	623014.0	0.27887	Y
5	STD20 460-973787/7	20.0	6.033545	50.0	592819.0	0.301677	Y
6	STD50 460-973787/8	50.0	15.113828	50.0	595372.0	0.302277	Y
7	STD200 460-973787/9	200.0	54.220188	50.0	616347.0	0.271101	Y
8	STD500 460-973787/10	500.0	139.75247	50.0	627278.0	0.279505	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

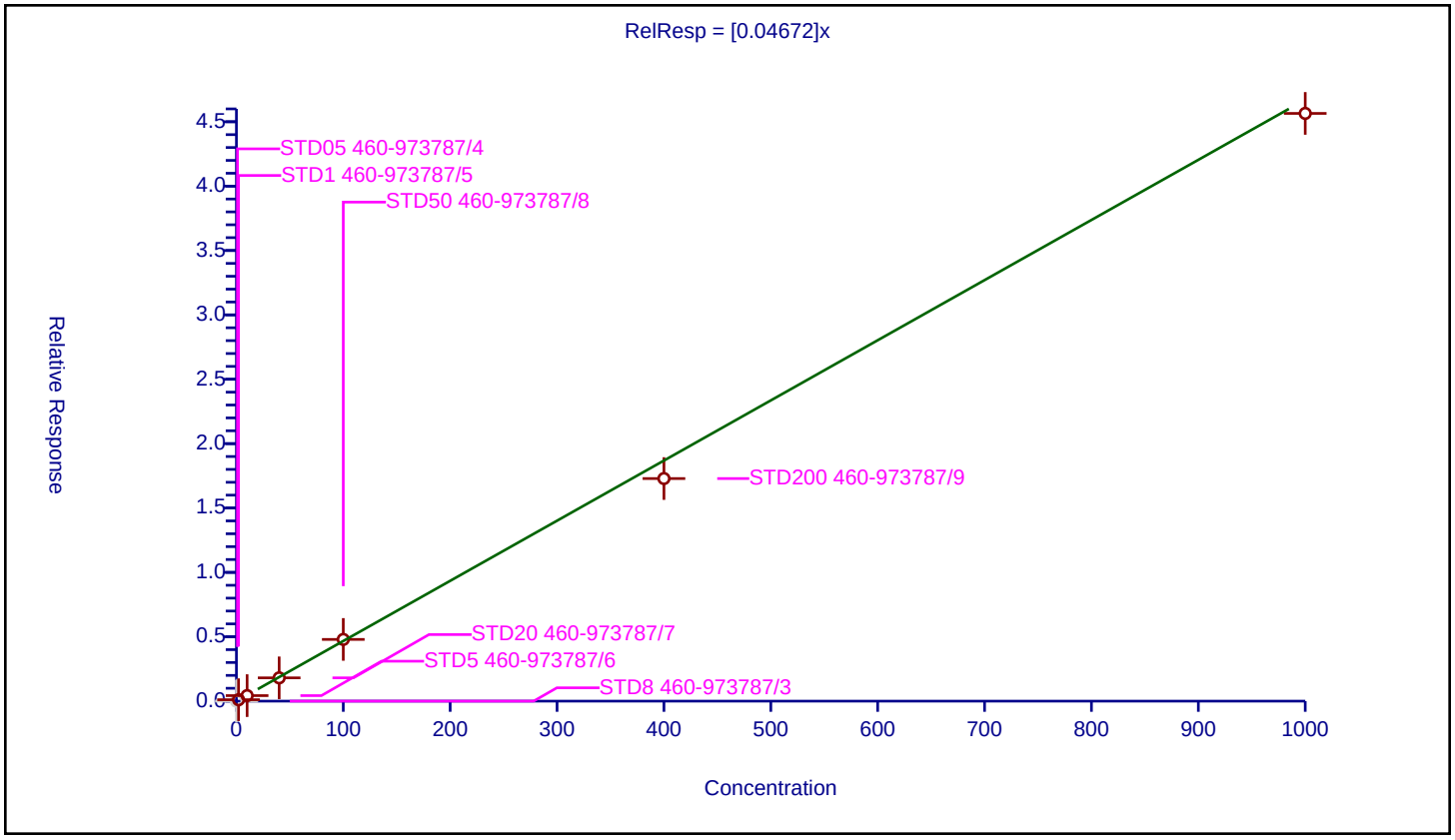
Curve Coefficients

Intercept:	0
Slope:	0.04672

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.074956	50.0	591013.0	0.074956	N
3	STD1 460-973787/5	2.0	0.110584	50.0	633909.0	0.055292	Y
4	STD5 460-973787/6	10.0	0.429605	50.0	623014.0	0.042961	Y
5	STD20 460-973787/7	40.0	1.809068	50.0	592819.0	0.045227	Y
6	STD50 460-973787/8	100.0	4.794313	50.0	595372.0	0.047943	Y
7	STD200 460-973787/9	400.0	17.288394	50.0	616347.0	0.043221	Y
8	STD500 460-973787/10	1000.0	45.647384	50.0	627278.0	0.045647	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

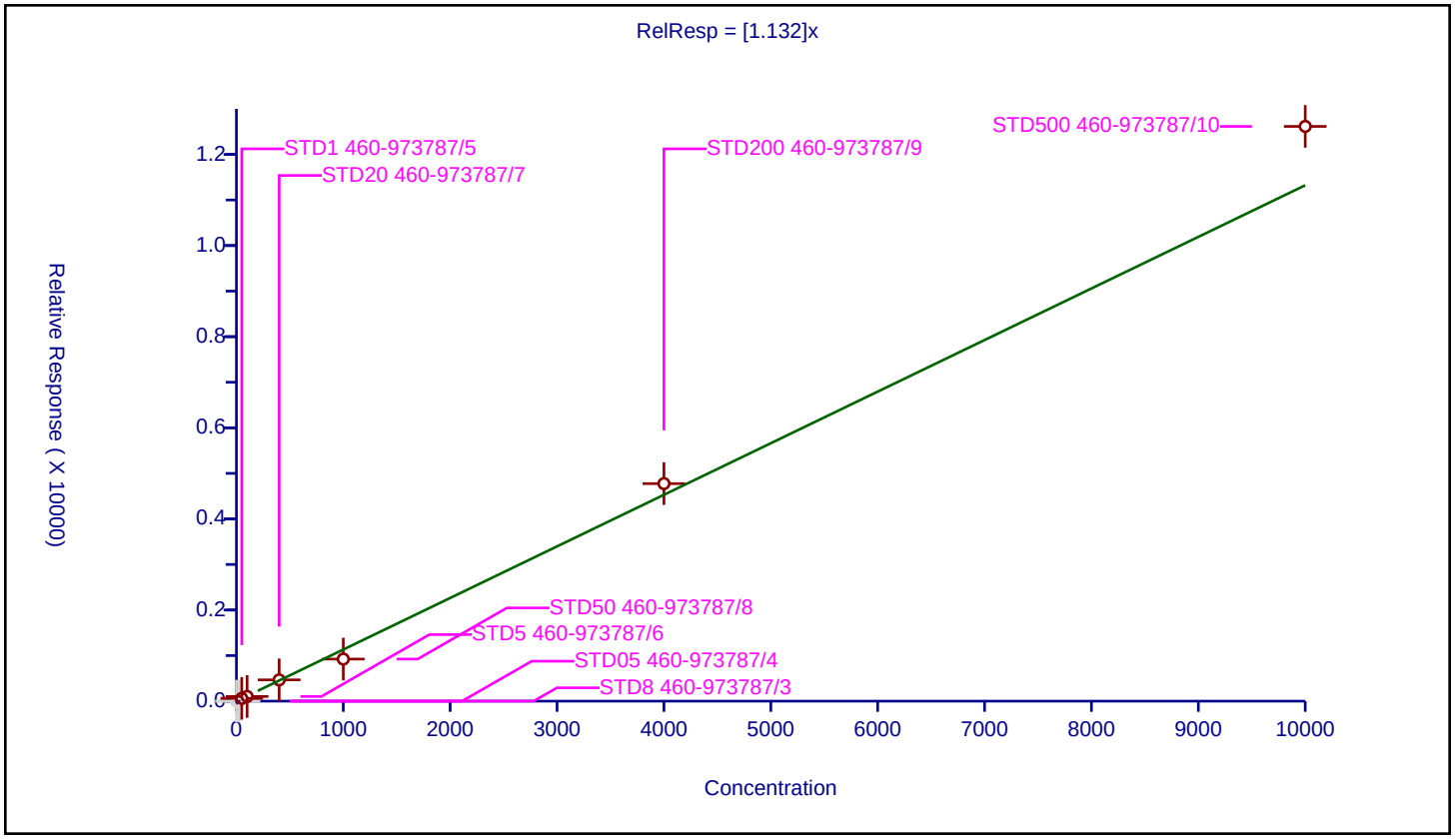
Curve Coefficients

Intercept:	0
Slope:	1.132

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	20033.0	NaN	N
2	STD05 460-973787/4	25.000031	0.0	1000.0	18061.0	0.0	N
3	STD1 460-973787/5	50.000062	60.97626	1000.0	18745.0	1.219524	Y
4	STD5 460-973787/6	100.0	102.799577	1000.0	17967.0	1.027996	Y
5	STD20 460-973787/7	400.0	467.052728	1000.0	16405.0	1.167632	Y
6	STD50 460-973787/8	1000.0	923.234677	1000.0	21455.0	0.923235	Y
7	STD200 460-973787/9	4000.0	4775.100402	1000.0	14193.0	1.193775	Y
8	STD500 460-973787/10	10000.0	12615.364412	1000.0	15230.0	1.261536	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

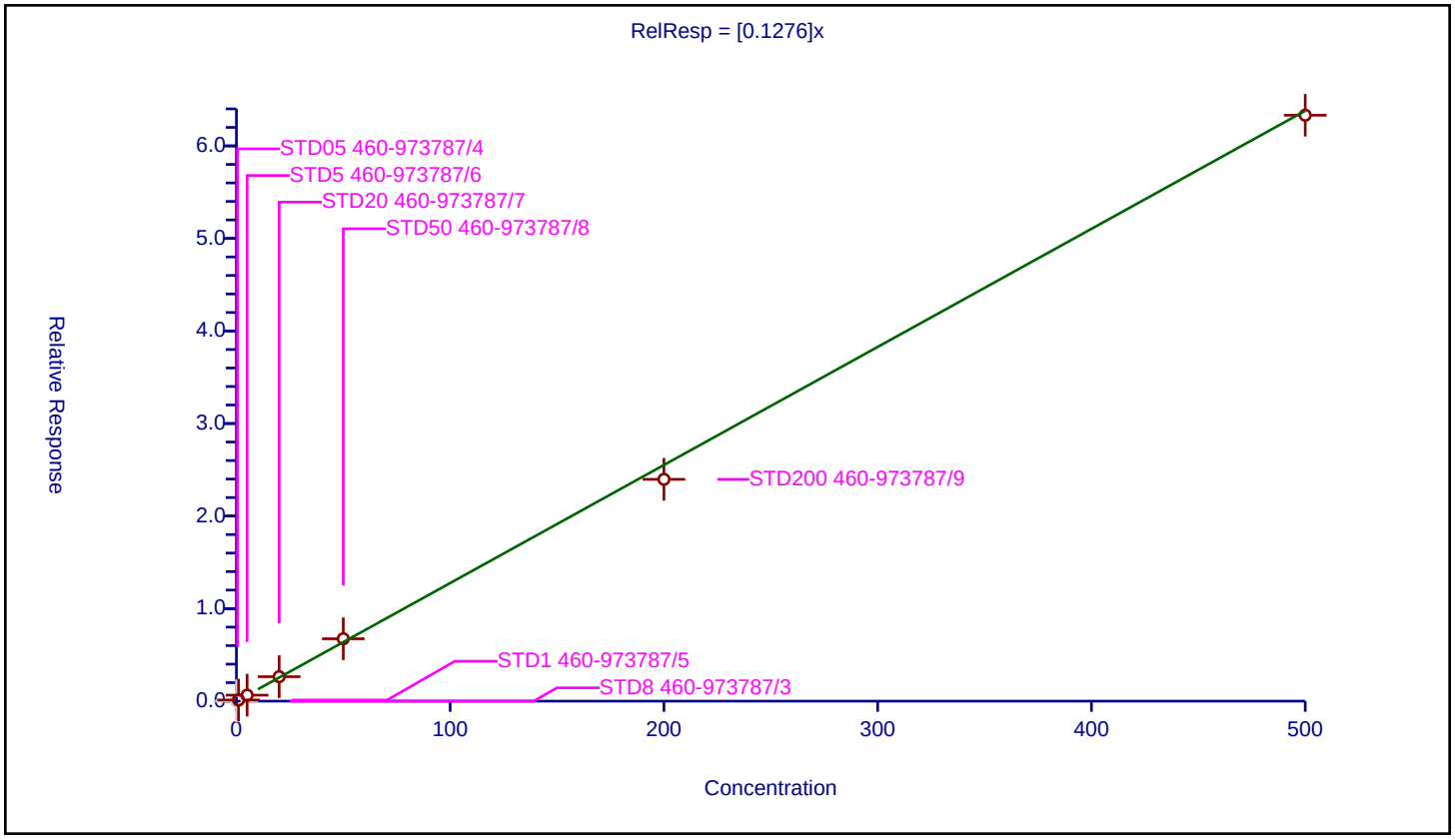
Curve Coefficients

Intercept:	0
Slope:	0.1276

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.087646	50.0	591013.0	0.175292	N
3	STD1 460-973787/5	1.0	0.123046	50.0	633909.0	0.123046	Y
4	STD5 460-973787/6	5.0	0.64525	50.0	623014.0	0.12905	Y
5	STD20 460-973787/7	20.0	2.643977	50.0	592819.0	0.132199	Y
6	STD50 460-973787/8	50.0	6.737972	50.0	595372.0	0.134759	Y
7	STD200 460-973787/9	200.0	23.969371	50.0	616347.0	0.119847	Y
8	STD500 460-973787/10	500.0	63.315547	50.0	627278.0	0.126631	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

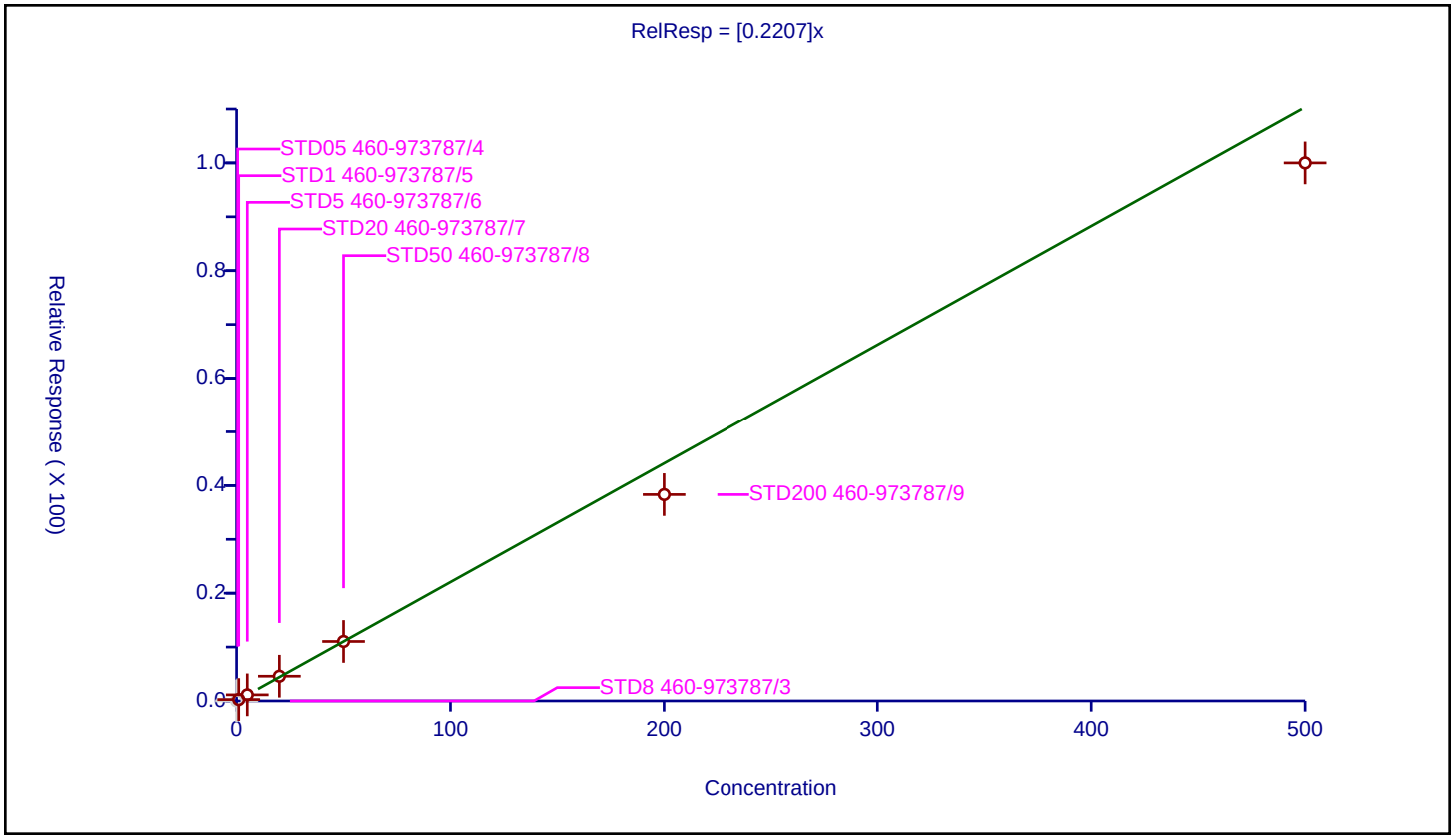
Curve Coefficients

Intercept:	0
Slope:	0.2207

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.201011	50.0	591013.0	0.402022	N
3	STD1 460-973787/5	1.0	0.25674	50.0	633909.0	0.25674	Y
4	STD5 460-973787/6	5.0	1.128145	50.0	623014.0	0.225629	Y
5	STD20 460-973787/7	20.0	4.586307	50.0	592819.0	0.229315	Y
6	STD50 460-973787/8	50.0	11.039485	50.0	595372.0	0.22079	Y
7	STD200 460-973787/9	200.0	38.326624	50.0	616347.0	0.191633	Y
8	STD500 460-973787/10	500.0	100.001116	50.0	627278.0	0.200002	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

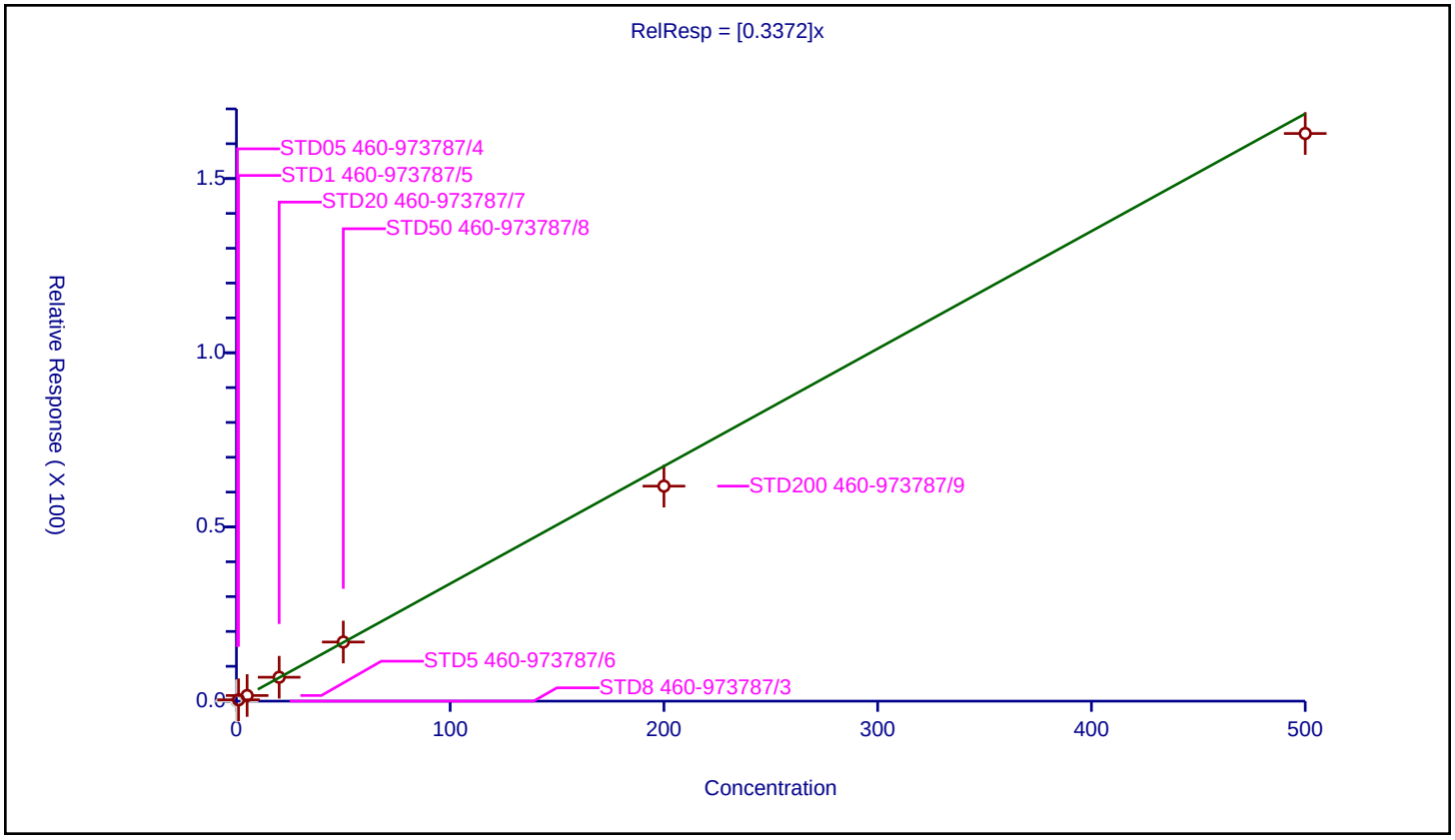
Curve Coefficients

Intercept:	0
Slope:	0.3372

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.223261	50.0	591013.0	0.446521	N
3	STD1 460-973787/5	1.0	0.382705	50.0	633909.0	0.382705	Y
4	STD5 460-973787/6	5.0	1.618663	50.0	623014.0	0.323733	Y
5	STD20 460-973787/7	20.0	6.862044	50.0	592819.0	0.343102	Y
6	STD50 460-973787/8	50.0	16.970986	50.0	595372.0	0.33942	Y
7	STD200 460-973787/9	200.0	61.71848	50.0	616347.0	0.308592	Y
8	STD500 460-973787/10	500.0	162.93629	50.0	627278.0	0.325873	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

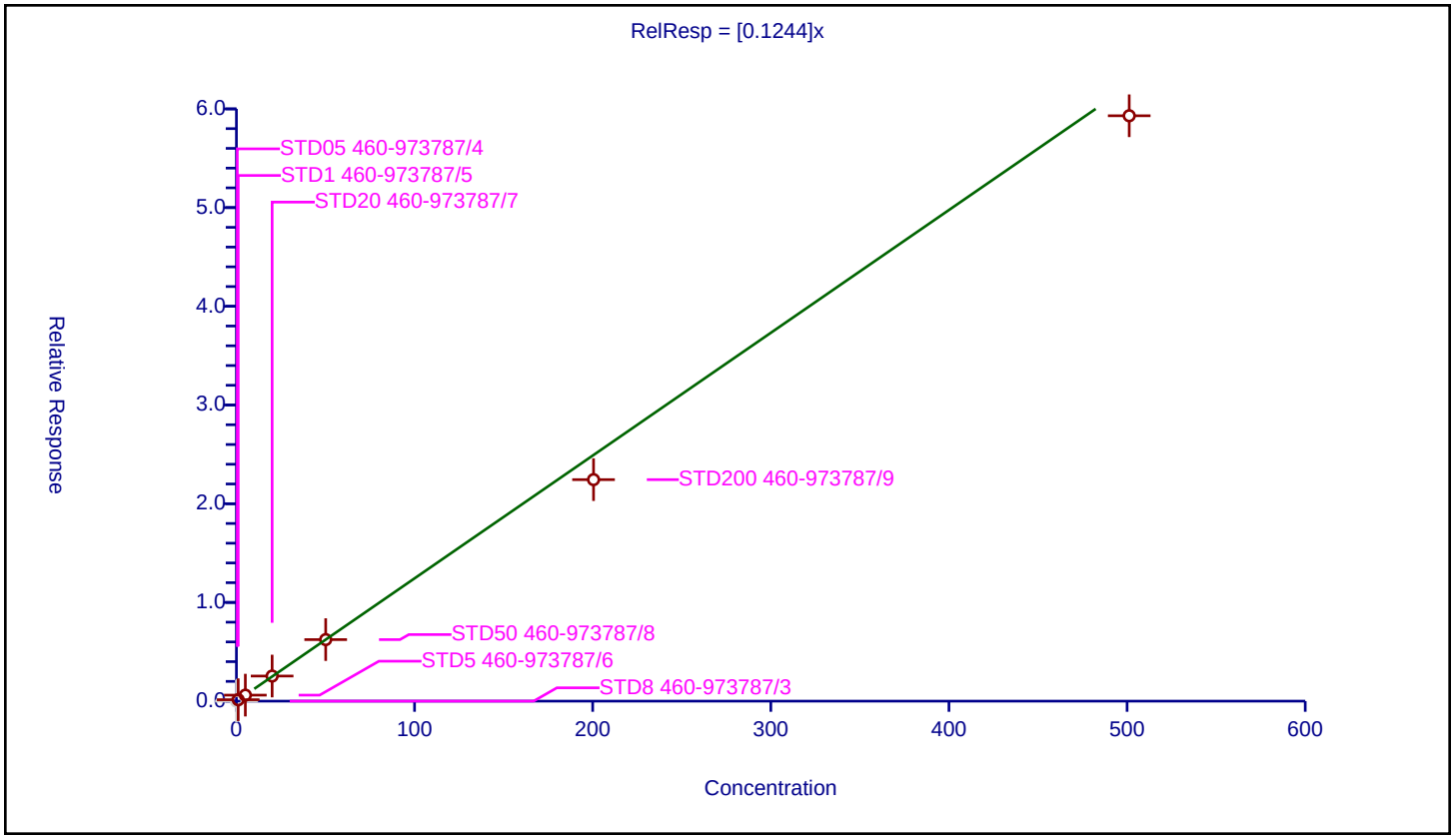
Curve Coefficients

Intercept:	0
Slope:	0.1244

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5012	0.104566	50.0	591013.0	0.208632	N
3	STD1 460-973787/5	1.0024	0.144027	50.0	633909.0	0.143682	Y
4	STD5 460-973787/6	5.012	0.60745	50.0	623014.0	0.121199	Y
5	STD20 460-973787/7	20.048	2.542007	50.0	592819.0	0.126796	Y
6	STD50 460-973787/8	50.12	6.233834	50.0	595372.0	0.124378	Y
7	STD200 460-973787/9	200.48	22.439957	50.0	616347.0	0.111931	Y
8	STD500 460-973787/10	501.2	59.304407	50.0	627278.0	0.118325	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

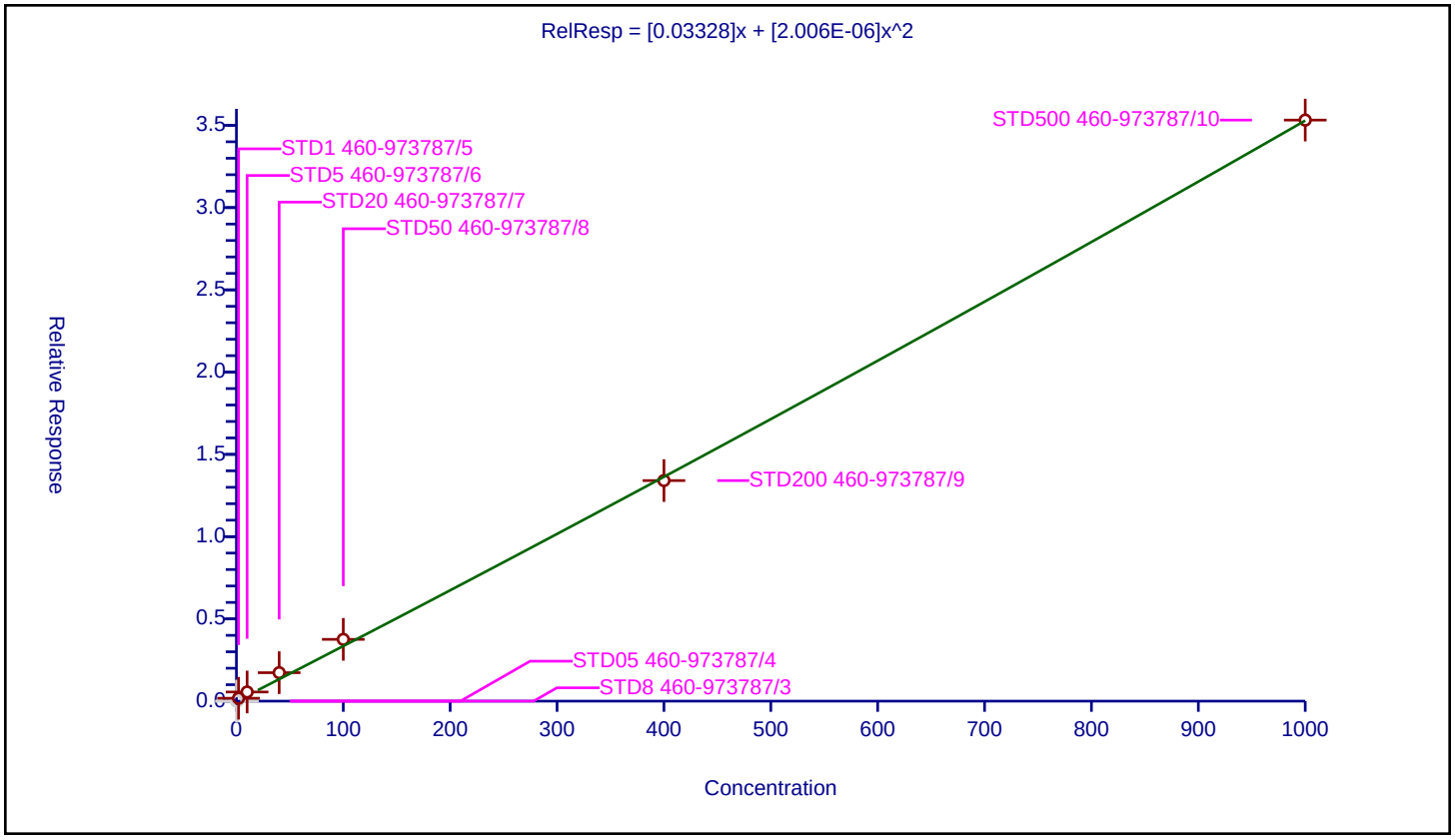
Curve Coefficients

Intercept:	0
Slope:	0.03328
Second Order:	2.006E-06

Error Coefficients

Relative Standard Deviation:	89.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	2.0	0.175341	50.0	633909.0	0.08767	Y
4	STD5 460-973787/6	10.0	0.556328	50.0	623014.0	0.055633	Y
5	STD20 460-973787/7	40.0	1.729364	50.0	592819.0	0.043234	Y
6	STD50 460-973787/8	100.0	3.755131	50.0	595372.0	0.037551	Y
7	STD200 460-973787/9	400.0	13.407869	50.0	616347.0	0.03352	Y
8	STD500 460-973787/10	1000.0	35.319587	50.0	627278.0	0.03532	Y



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Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

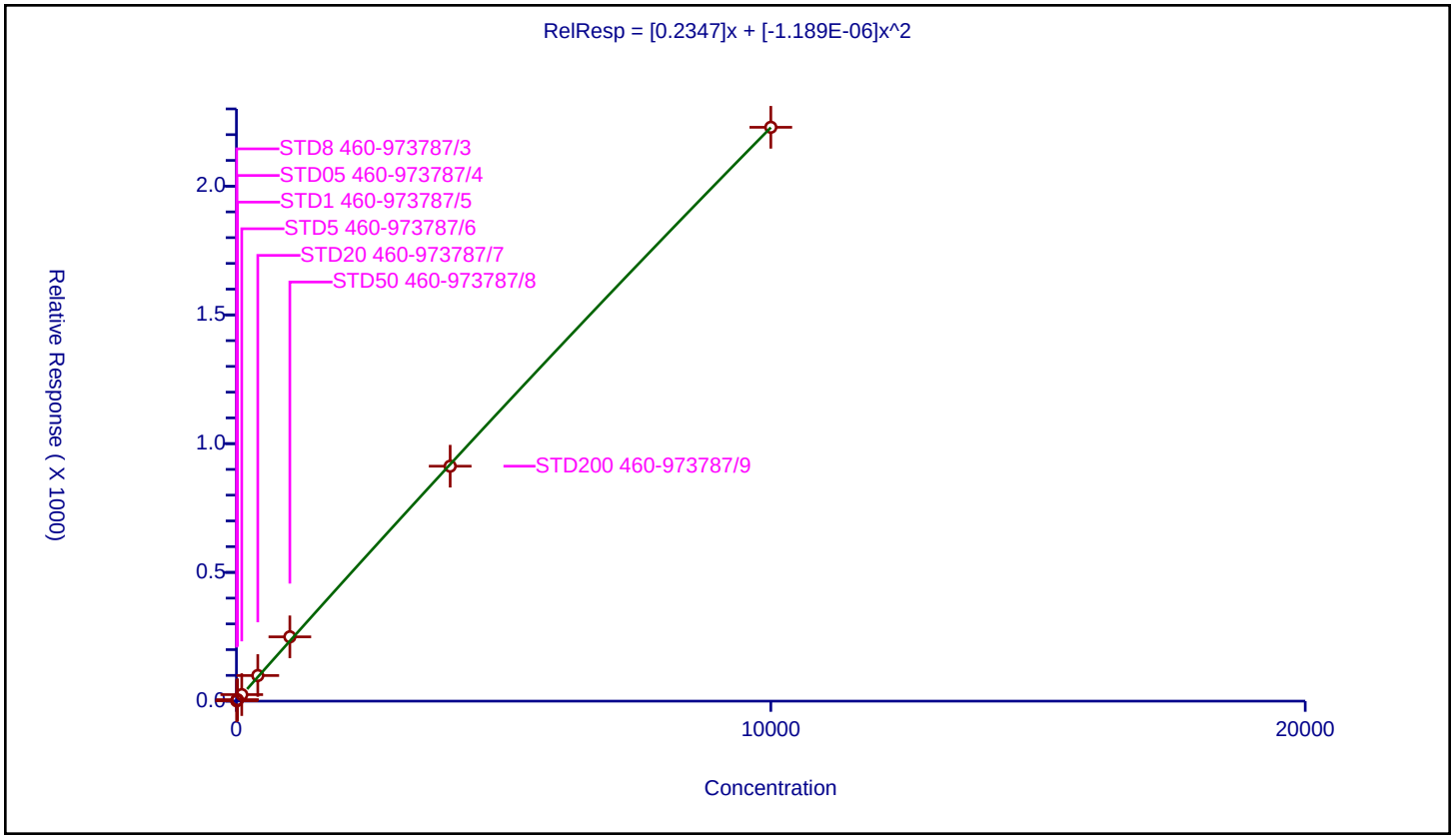
Curve Coefficients

Intercept:	0
Slope:	0.2347
Second Order:	-1.189E-06

Error Coefficients

Relative Standard Deviation:	30.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	5.000009	1.282353	250.0	174094.0	0.25647	Y
2	STD05 460-973787/4	10.000017	4.013639	250.0	158958.0	0.401363	Y
3	STD1 460-973787/5	20.000035	5.466616	250.0	177898.0	0.27333	Y
4	STD5 460-973787/6	100.000173	25.382631	250.0	181768.0	0.253826	Y
5	STD20 460-973787/7	400.000692	99.400802	250.0	180074.0	0.248502	Y
6	STD50 460-973787/8	1000.00173	249.726757	250.0	170178.0	0.249726	Y
7	STD200 460-973787/9	4000.00692	912.469696	250.0	168296.0	0.228117	Y
8	STD500 460-973787/10	10000.0173	2228.566682	250.0	188095.0	0.222856	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

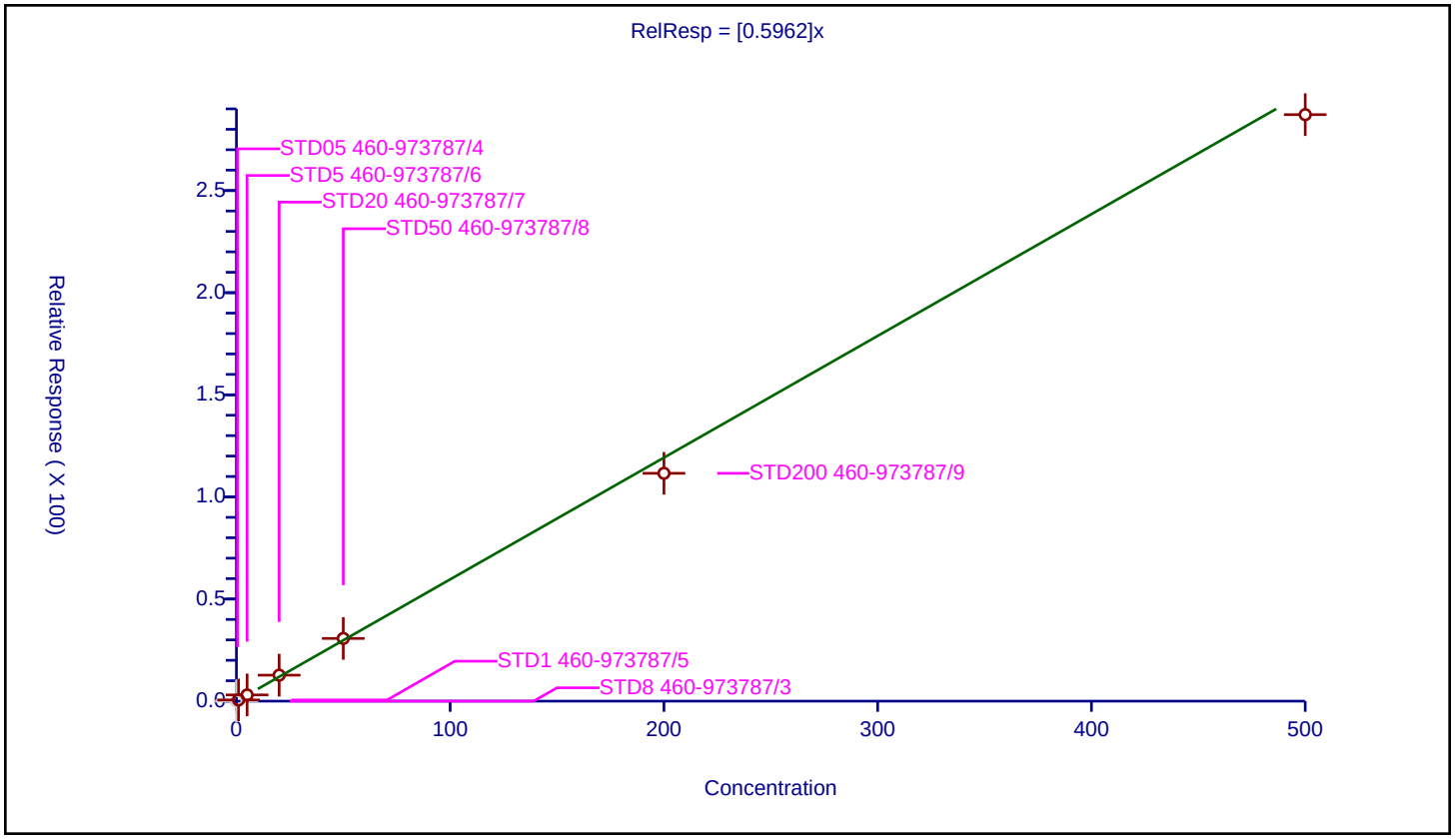
Curve Coefficients

Intercept:	0
Slope:	0.5962

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.407859	50.0	411294.0	0.815718	N
3	STD1 460-973787/5	1.0	0.584974	50.0	454294.0	0.584974	Y
4	STD5 460-973787/6	5.0	3.04766	50.0	430888.0	0.609532	Y
5	STD20 460-973787/7	20.0	12.723944	50.0	414333.0	0.636197	Y
6	STD50 460-973787/8	50.0	30.703514	50.0	429288.0	0.61407	Y
7	STD200 460-973787/9	200.0	111.558055	50.0	442250.0	0.55779	Y
8	STD500 460-973787/10	500.0	287.181096	50.0	457309.0	0.574362	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

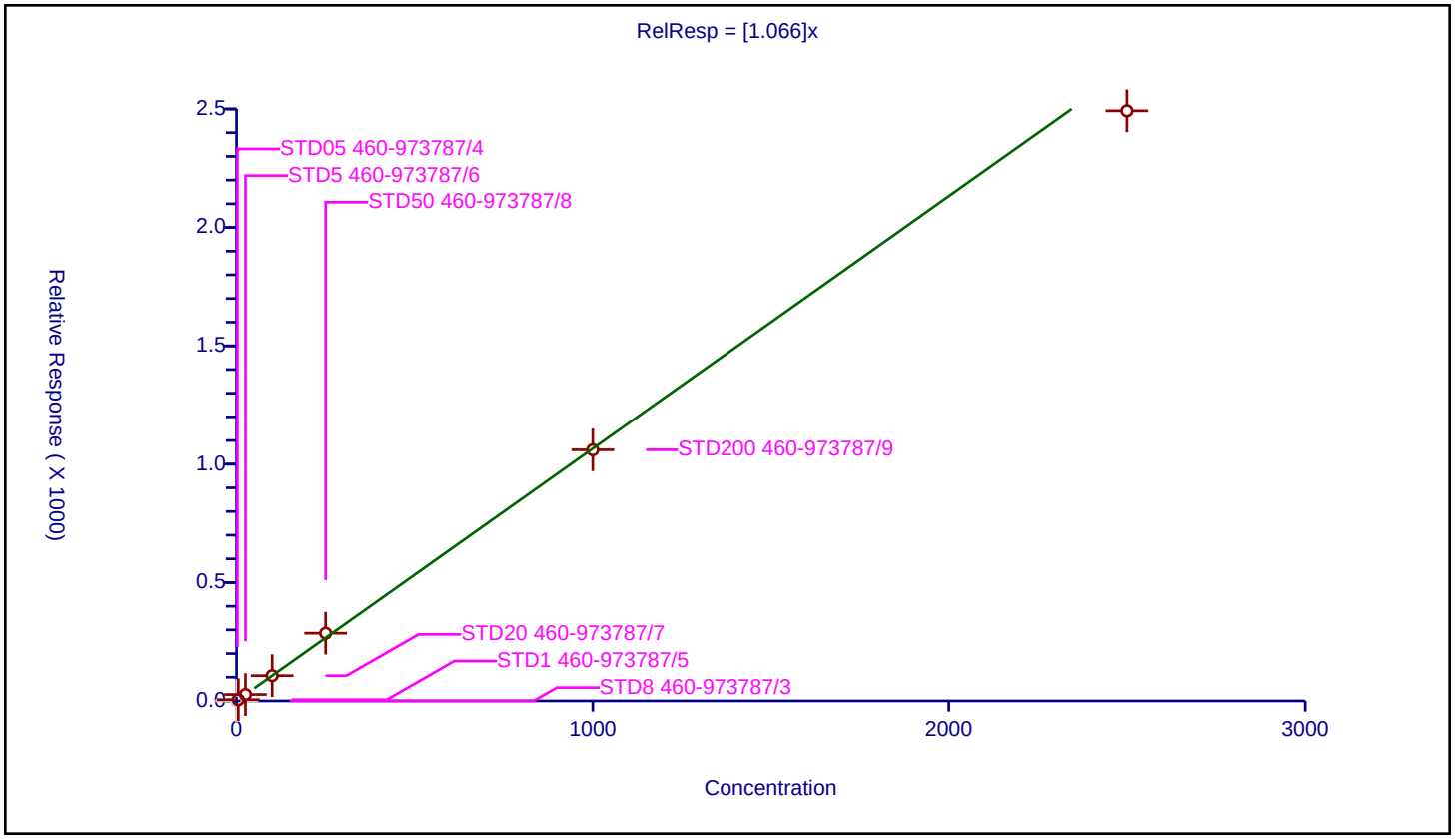
Curve Coefficients

Intercept:	0
Slope:	1.066

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	2.925301	250.0	158958.0	1.17012	N
3	STD1 460-973787/5	5.0	5.267063	250.0	177898.0	1.053413	Y
4	STD5 460-973787/6	25.0	26.905176	250.0	181768.0	1.076207	Y
5	STD20 460-973787/7	100.0	106.536757	250.0	180074.0	1.065368	Y
6	STD50 460-973787/8	250.0	285.965283	250.0	170178.0	1.143861	Y
7	STD200 460-973787/9	1000.0	1060.614928	250.0	168296.0	1.060615	Y
8	STD500 460-973787/10	2500.0	2492.109041	250.0	188095.0	0.996844	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

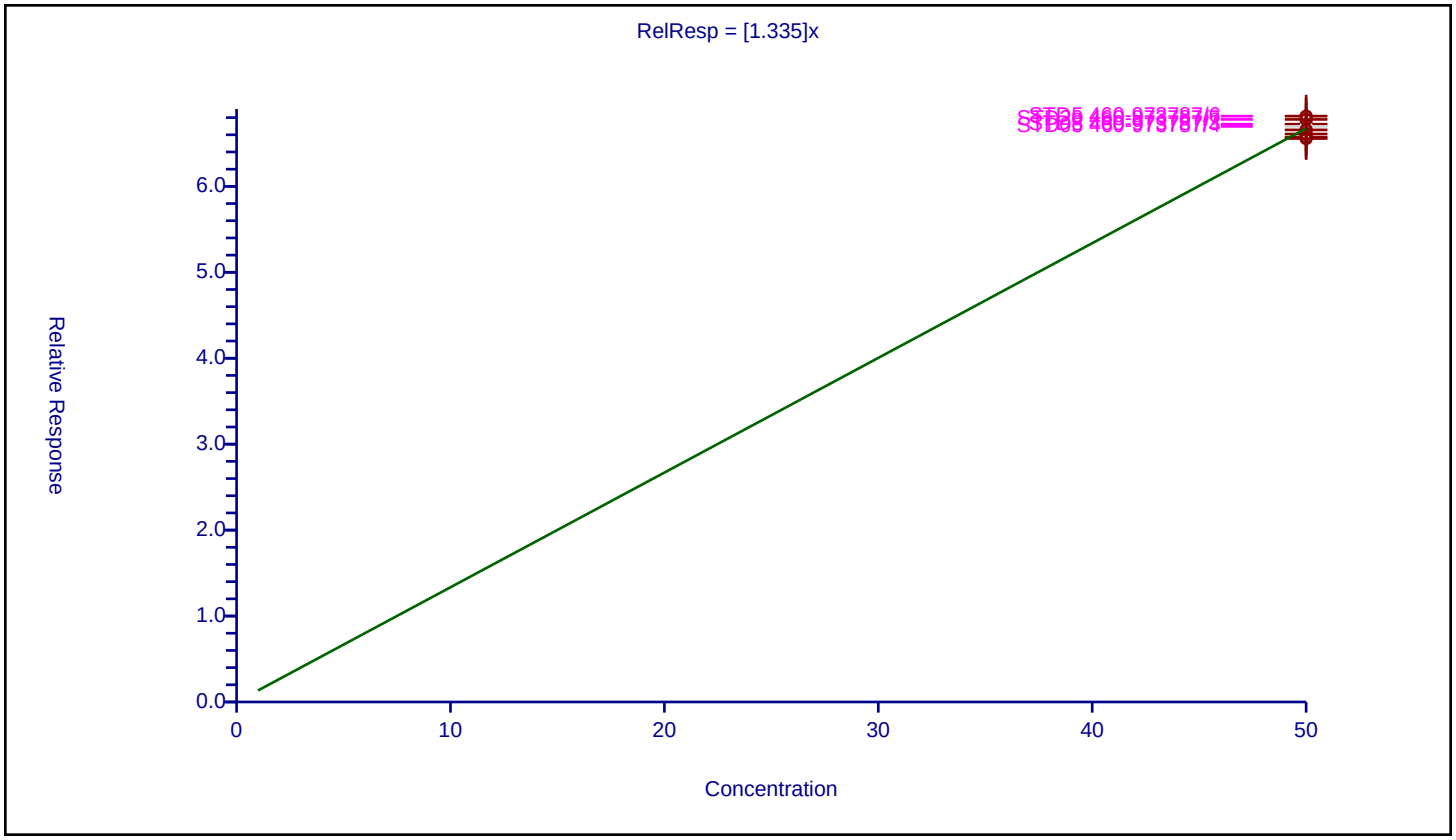
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	67.232163	50.0	434751.0	1.344643	Y
2	STD05 460-973787/4	50.0	66.975813	50.0	411294.0	1.339516	N
3	STD1 460-973787/5	50.0	66.570767	50.0	454294.0	1.331415	Y
4	STD5 460-973787/6	50.0	68.169919	50.0	430888.0	1.363398	Y
5	STD20 460-973787/7	50.0	67.789676	50.0	414333.0	1.355794	Y
6	STD50 460-973787/8	50.0	66.090597	50.0	429288.0	1.321812	Y
7	STD200 460-973787/9	50.0	65.708084	50.0	442250.0	1.314162	Y
8	STD500 460-973787/10	50.0	65.564968	50.0	457309.0	1.311299	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

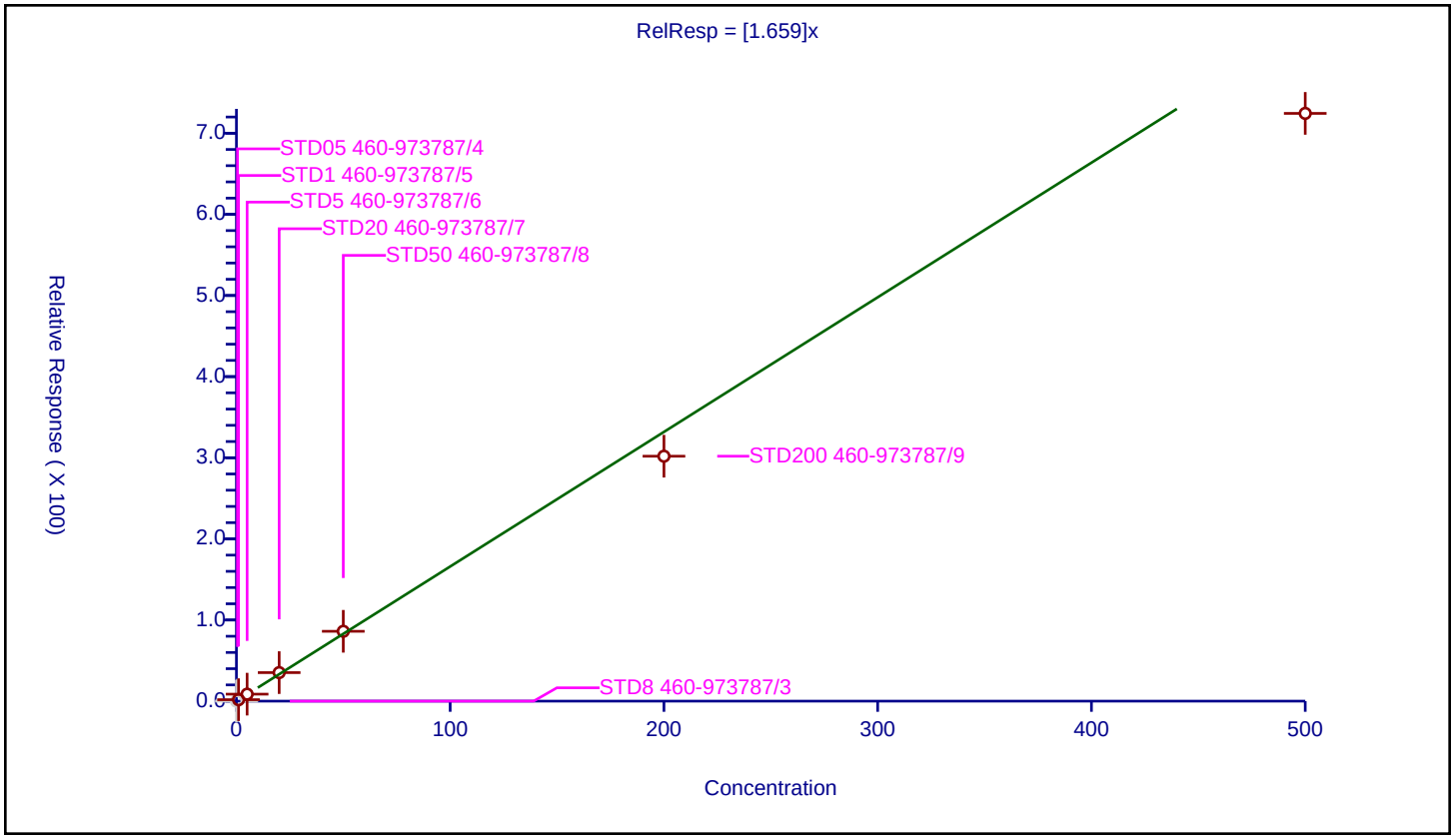
Curve Coefficients

Intercept:	0
Slope:	1.659

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	1.23075	50.0	411294.0	2.4615	N
3	STD1 460-973787/5	1.0	1.795863	50.0	454294.0	1.795863	Y
4	STD5 460-973787/6	5.0	8.602467	50.0	430888.0	1.720493	Y
5	STD20 460-973787/7	20.0	35.179312	50.0	414333.0	1.758966	Y
6	STD50 460-973787/8	50.0	86.081255	50.0	429288.0	1.721625	Y
7	STD200 460-973787/9	200.0	301.911928	50.0	442250.0	1.50956	Y
8	STD500 460-973787/10	500.0	724.455237	50.0	457309.0	1.44891	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

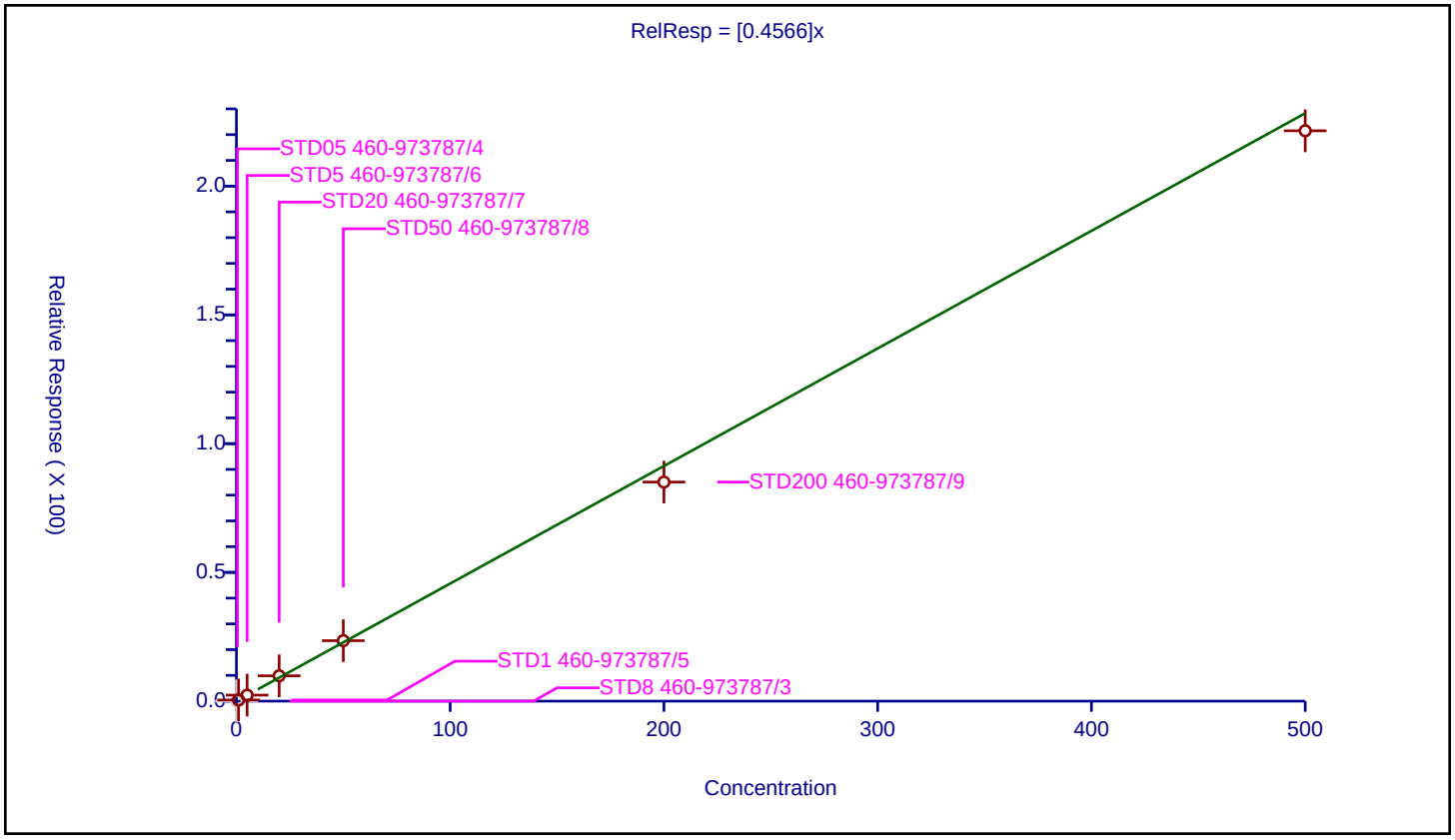
Curve Coefficients

Intercept:	0
Slope:	0.4566

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.292735	50.0	411294.0	0.585469	N
3	STD1 460-973787/5	1.0	0.442885	50.0	454294.0	0.442885	Y
4	STD5 460-973787/6	5.0	2.332973	50.0	430888.0	0.466595	Y
5	STD20 460-973787/7	20.0	9.844738	50.0	414333.0	0.492237	Y
6	STD50 460-973787/8	50.0	23.473053	50.0	429288.0	0.469461	Y
7	STD200 460-973787/9	200.0	85.078689	50.0	442250.0	0.425393	Y
8	STD500 460-973787/10	500.0	221.499686	50.0	457309.0	0.442999	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

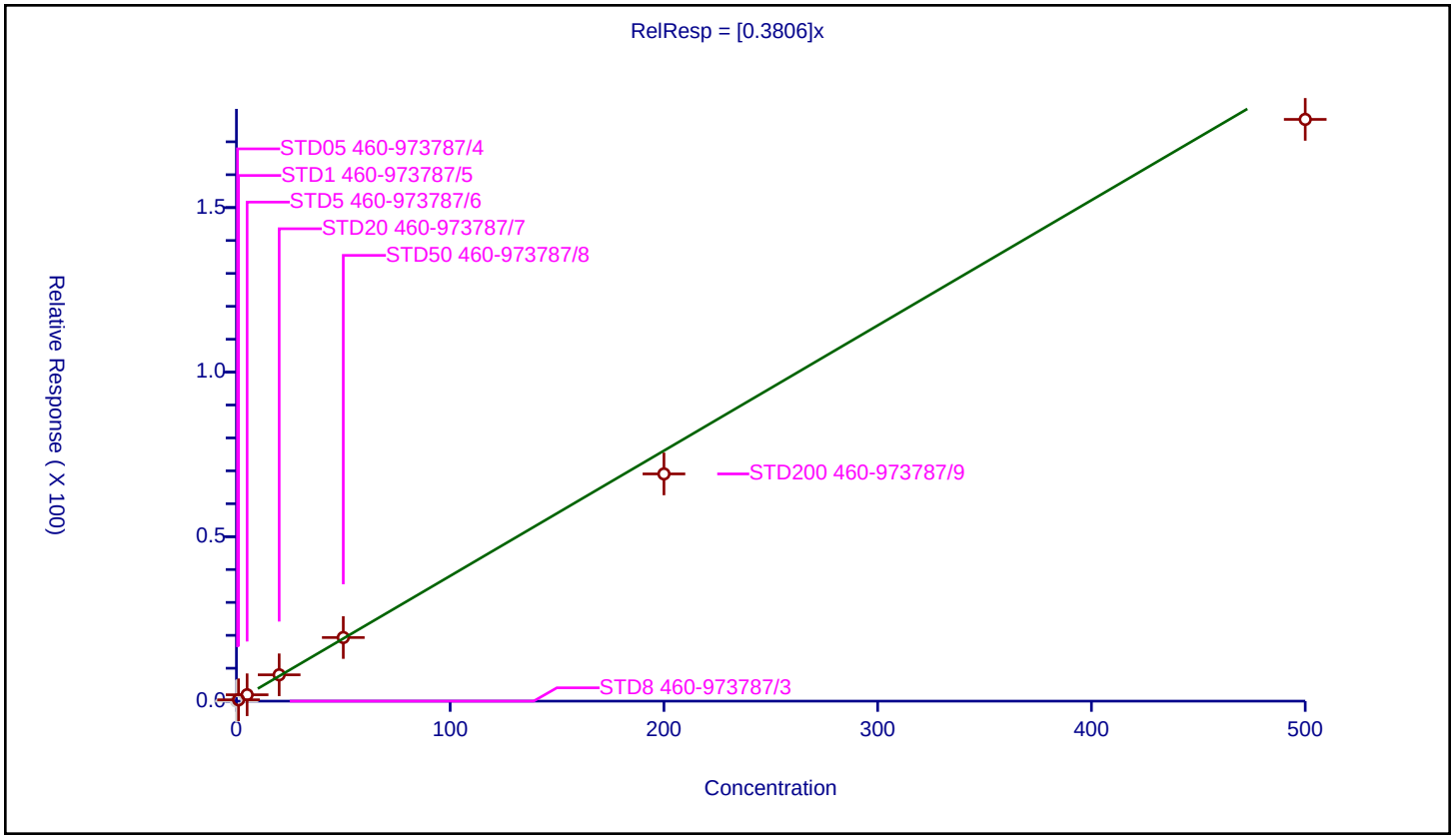
Curve Coefficients

Intercept:	0
Slope:	0.3806

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.233896	50.0	411294.0	0.467792	N
3	STD1 460-973787/5	1.0	0.410527	50.0	454294.0	0.410527	Y
4	STD5 460-973787/6	5.0	1.937394	50.0	430888.0	0.387479	Y
5	STD20 460-973787/7	20.0	8.000208	50.0	414333.0	0.40001	Y
6	STD50 460-973787/8	50.0	19.334573	50.0	429288.0	0.386691	Y
7	STD200 460-973787/9	200.0	69.063426	50.0	442250.0	0.345317	Y
8	STD500 460-973787/10	500.0	176.809444	50.0	457309.0	0.353619	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

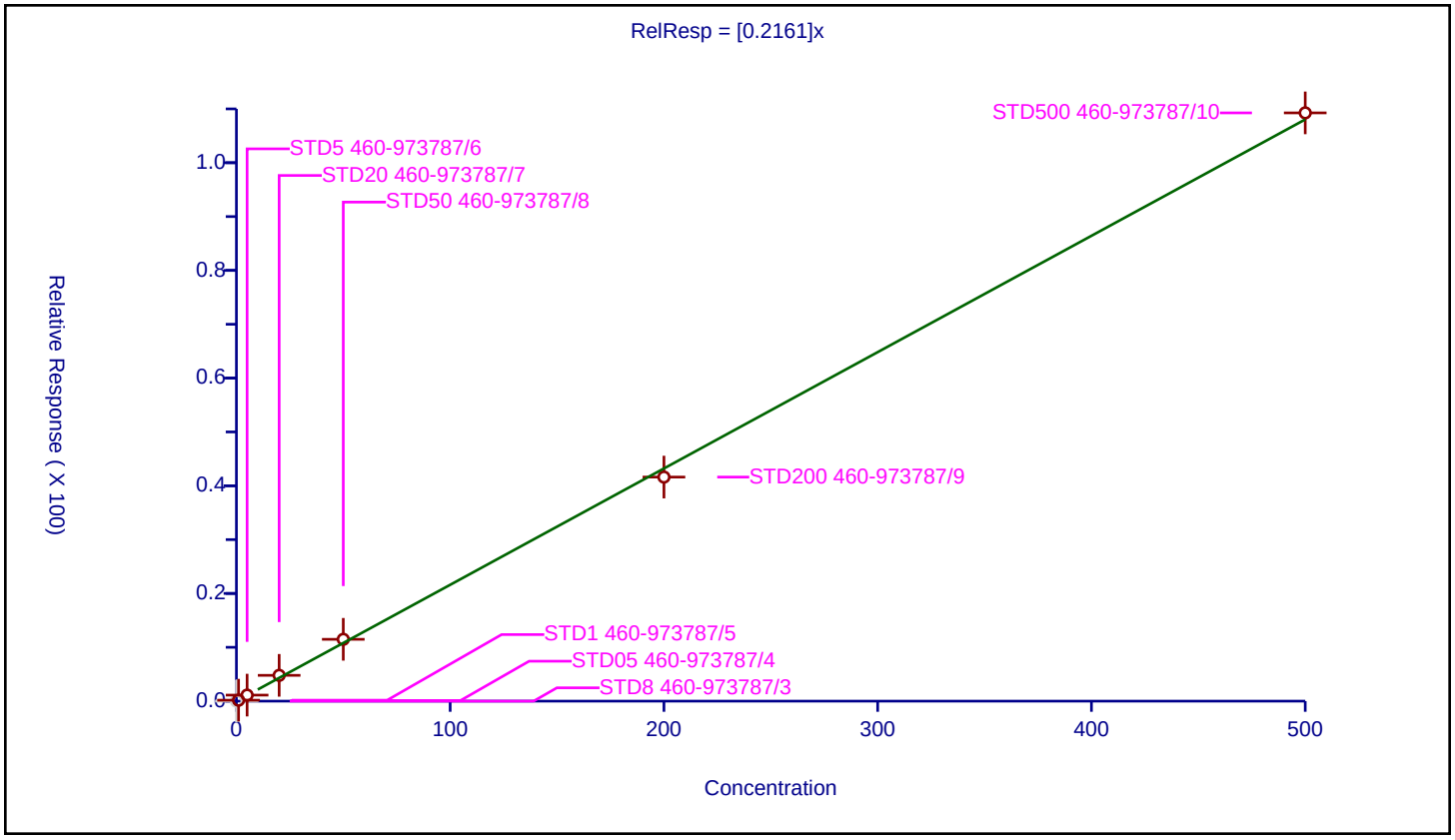
Curve Coefficients

Intercept:	0
Slope:	0.2161

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.104062	50.0	411294.0	0.208124	N
3	STD1 460-973787/5	1.0	0.176207	50.0	454294.0	0.176207	Y
4	STD5 460-973787/6	5.0	1.122333	50.0	430888.0	0.224467	Y
5	STD20 460-973787/7	20.0	4.789867	50.0	414333.0	0.239493	Y
6	STD50 460-973787/8	50.0	11.482618	50.0	429288.0	0.229652	Y
7	STD200 460-973787/9	200.0	41.617524	50.0	442250.0	0.208088	Y
8	STD500 460-973787/10	500.0	109.258291	50.0	457309.0	0.218517	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

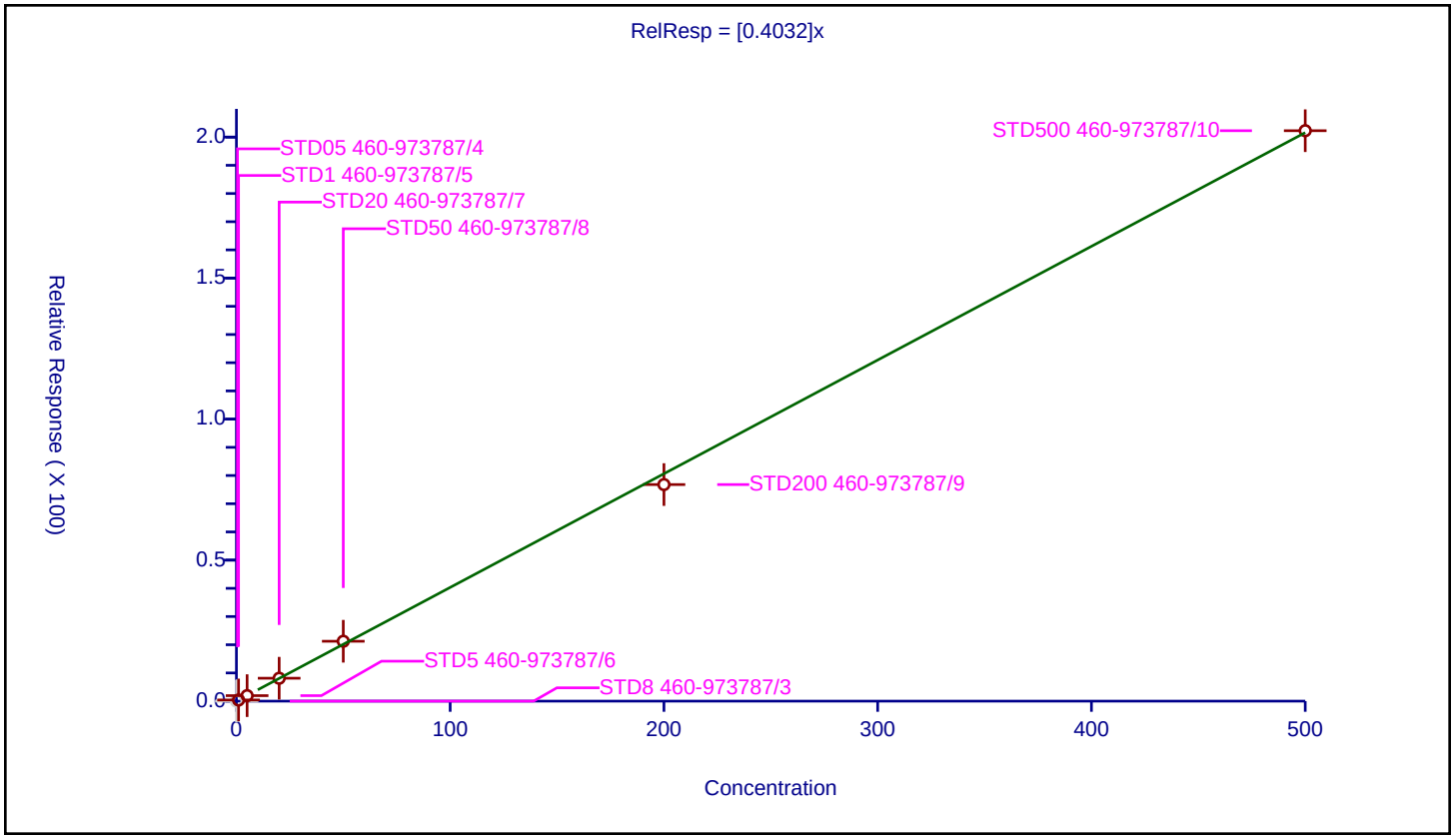
Curve Coefficients

Intercept:	0
Slope:	0.4032

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.251766	50.0	411294.0	0.503533	N
3	STD1 460-973787/5	1.0	0.408876	50.0	454294.0	0.408876	Y
4	STD5 460-973787/6	5.0	1.95422	50.0	430888.0	0.390844	Y
5	STD20 460-973787/7	20.0	8.121728	50.0	414333.0	0.406086	Y
6	STD50 460-973787/8	50.0	21.232832	50.0	429288.0	0.424657	Y
7	STD200 460-973787/9	200.0	76.797174	50.0	442250.0	0.383986	Y
8	STD500 460-973787/10	500.0	202.267395	50.0	457309.0	0.404535	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

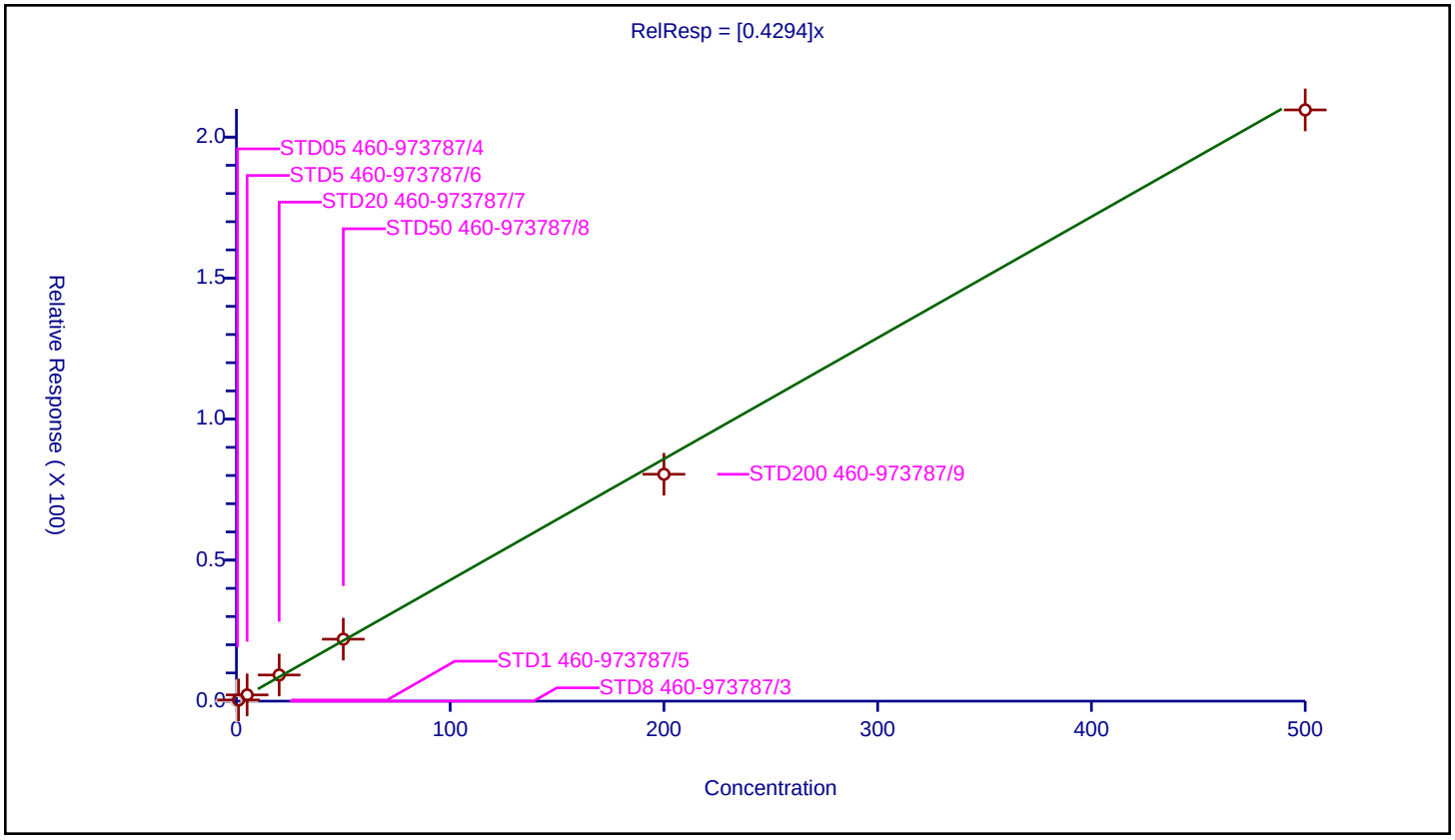
Curve Coefficients

Intercept:	0
Slope:	0.4294

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.280456	50.0	411294.0	0.560913	N
3	STD1 460-973787/5	1.0	0.411848	50.0	454294.0	0.411848	Y
4	STD5 460-973787/6	5.0	2.201384	50.0	430888.0	0.440277	Y
5	STD20 460-973787/7	20.0	9.265736	50.0	414333.0	0.463287	Y
6	STD50 460-973787/8	50.0	21.972895	50.0	429288.0	0.439458	Y
7	STD200 460-973787/9	200.0	80.444771	50.0	442250.0	0.402224	Y
8	STD500 460-973787/10	500.0	209.637685	50.0	457309.0	0.419275	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

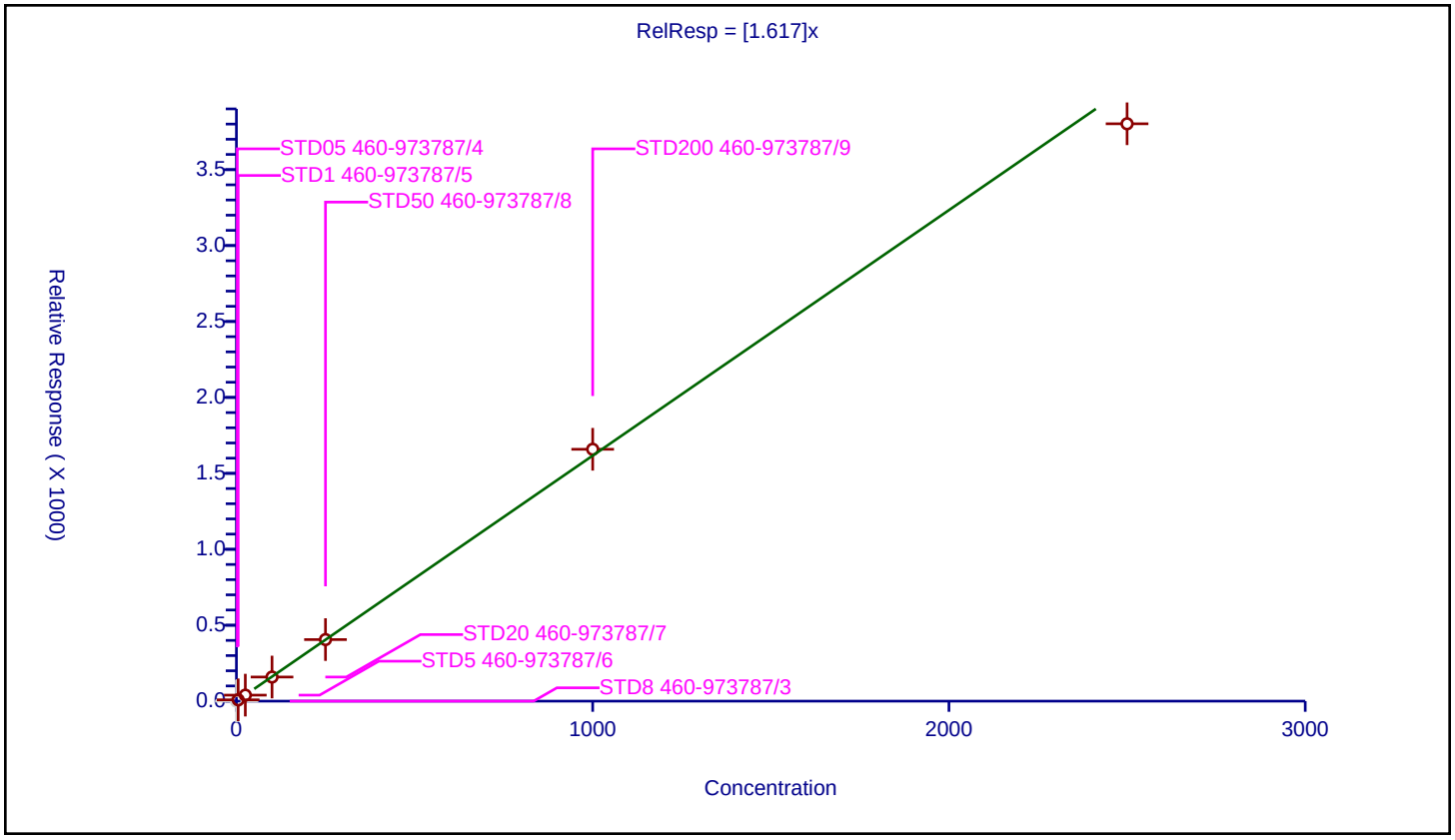
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	4.175631	250.0	158958.0	1.670253	N
3	STD1 460-973787/5	5.0	8.629945	250.0	177898.0	1.725989	Y
4	STD5 460-973787/6	25.0	39.62056	250.0	181768.0	1.584822	Y
5	STD20 460-973787/7	100.0	158.80277	250.0	180074.0	1.588028	Y
6	STD50 460-973787/8	250.0	405.479851	250.0	170178.0	1.621919	Y
7	STD200 460-973787/9	1000.0	1658.61191	250.0	168296.0	1.658612	Y
8	STD500 460-973787/10	2500.0	3801.947154	250.0	188095.0	1.520779	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

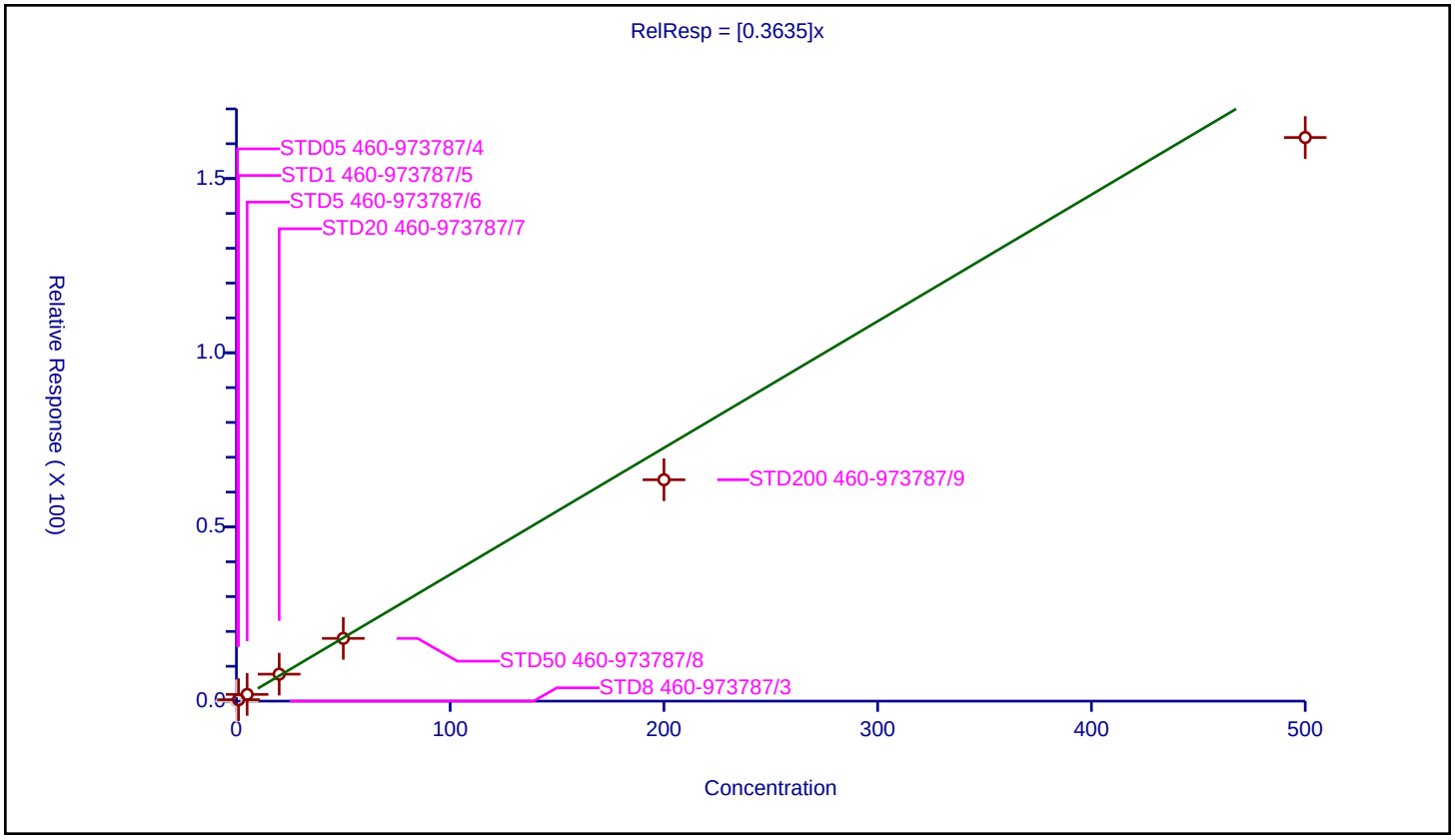
Curve Coefficients

Intercept:	0
Slope:	0.3635

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.205084	50.0	411294.0	0.410169	N
3	STD1 460-973787/5	1.0	0.406345	50.0	454294.0	0.406345	Y
4	STD5 460-973787/6	5.0	1.930084	50.0	430888.0	0.386017	Y
5	STD20 460-973787/7	20.0	7.740996	50.0	414333.0	0.38705	Y
6	STD50 460-973787/8	50.0	18.00854	50.0	429288.0	0.360171	Y
7	STD200 460-973787/9	200.0	63.550707	50.0	442250.0	0.317754	Y
8	STD500 460-973787/10	500.0	161.788747	50.0	457309.0	0.323577	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

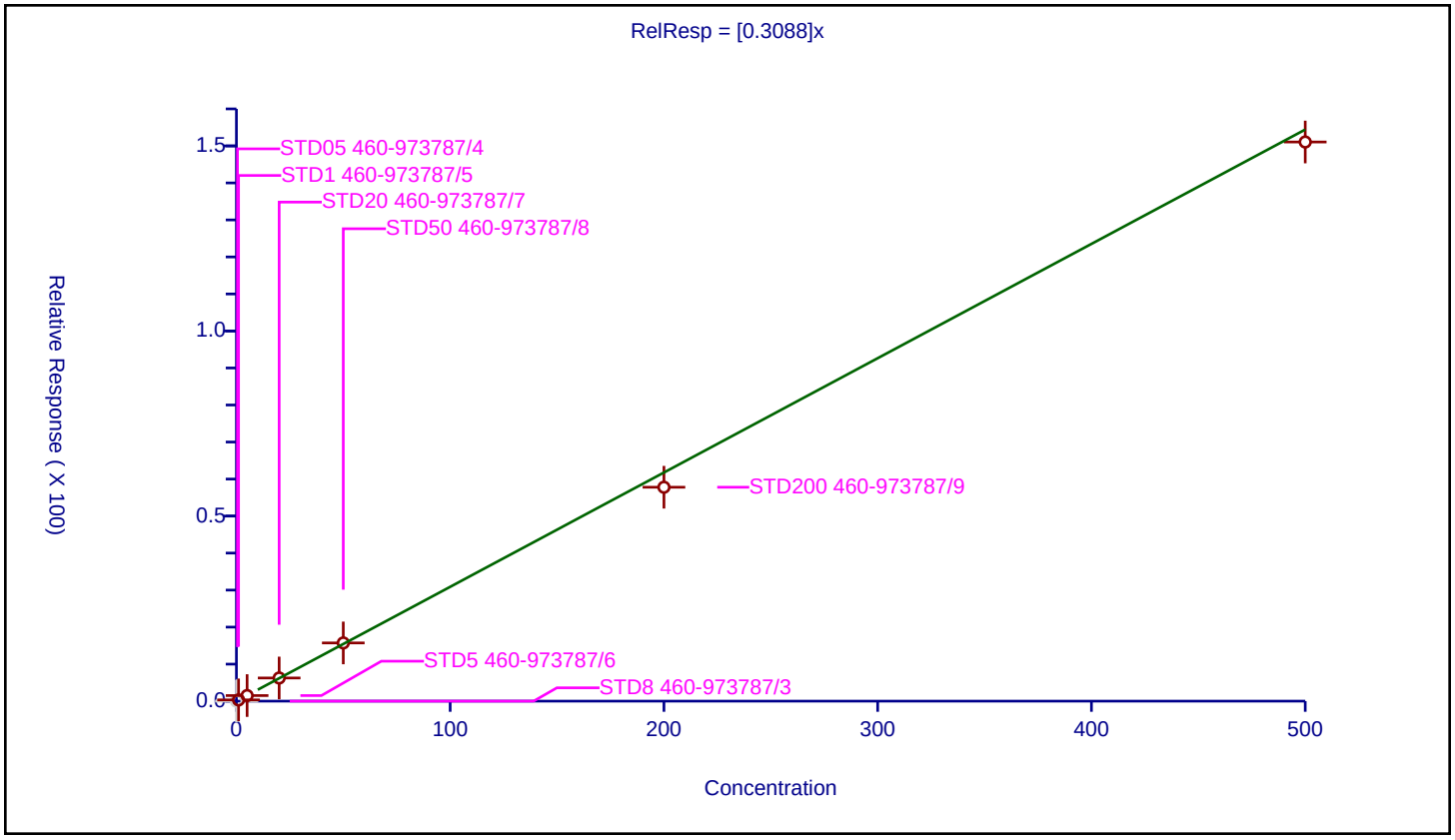
Curve Coefficients

Intercept:	0
Slope:	0.3088

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.216026	50.0	411294.0	0.432051	N
3	STD1 460-973787/5	1.0	0.332274	50.0	454294.0	0.332274	Y
4	STD5 460-973787/6	5.0	1.510485	50.0	430888.0	0.302097	Y
5	STD20 460-973787/7	20.0	6.258855	50.0	414333.0	0.312943	Y
6	STD50 460-973787/8	50.0	15.728136	50.0	429288.0	0.314563	Y
7	STD200 460-973787/9	200.0	57.787337	50.0	442250.0	0.288937	Y
8	STD500 460-973787/10	500.0	151.055085	50.0	457309.0	0.30211	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

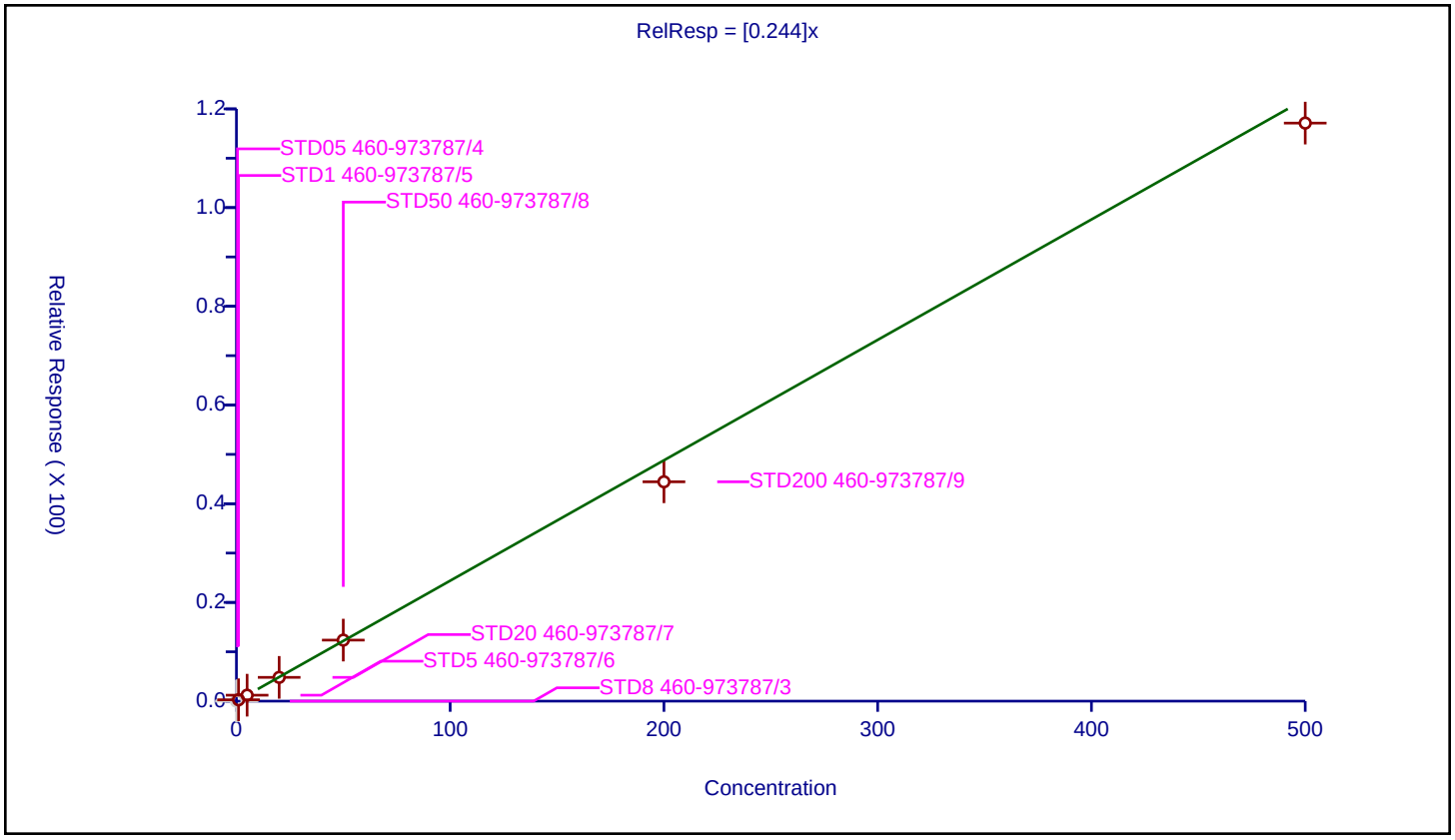
Curve Coefficients

Intercept:	0
Slope:	0.244

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.142112	50.0	411294.0	0.284225	N
3	STD1 460-973787/5	1.0	0.278344	50.0	454294.0	0.278344	Y
4	STD5 460-973787/6	5.0	1.205418	50.0	430888.0	0.241084	Y
5	STD20 460-973787/7	20.0	4.814002	50.0	414333.0	0.2407	Y
6	STD50 460-973787/8	50.0	12.36431	50.0	429288.0	0.247286	Y
7	STD200 460-973787/9	200.0	44.44511	50.0	442250.0	0.222226	Y
8	STD500 460-973787/10	500.0	117.125401	50.0	457309.0	0.234251	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

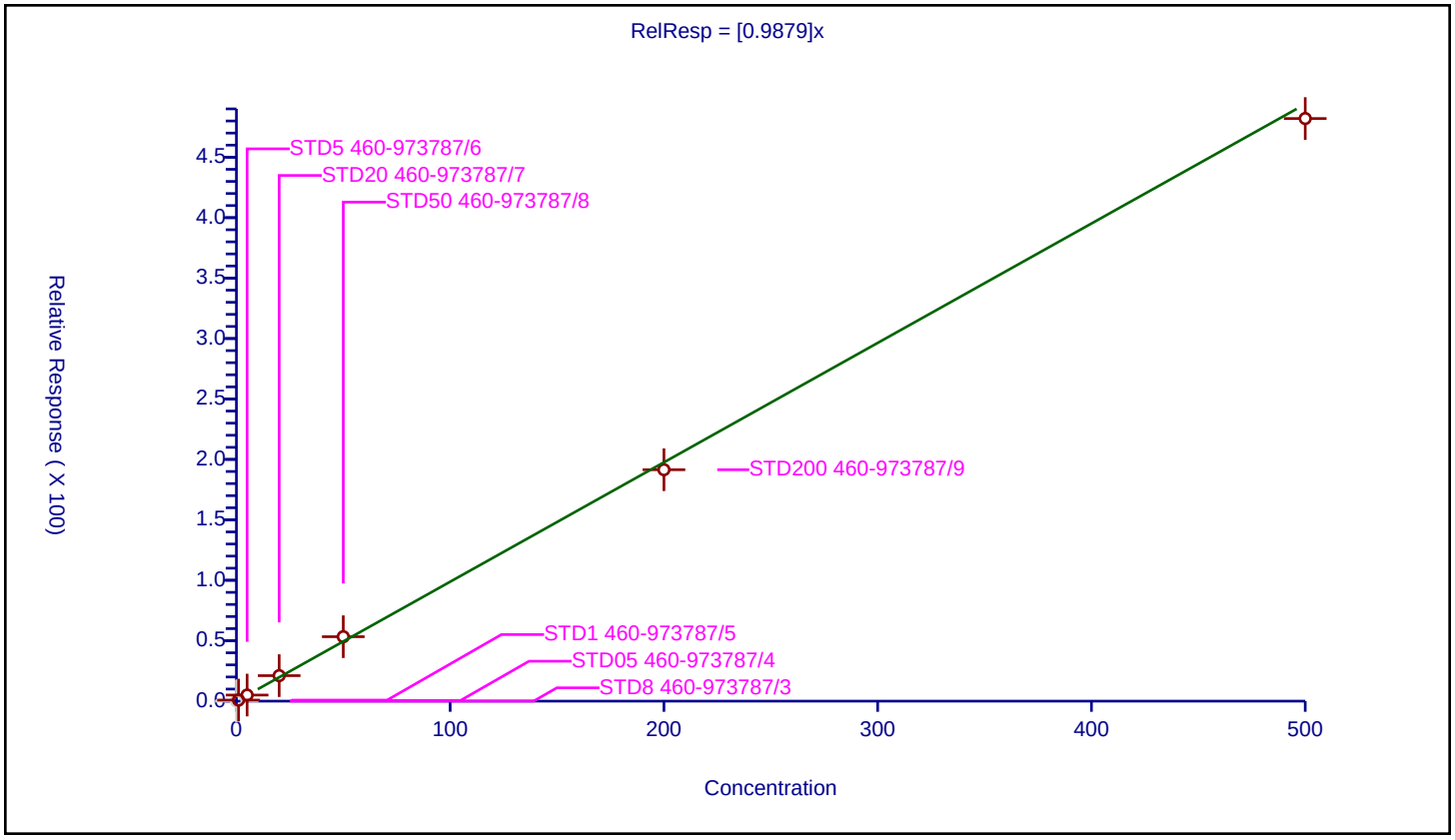
Curve Coefficients

Intercept:	0
Slope:	0.9879

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.493078	50.0	411294.0	0.986156	N
3	STD1 460-973787/5	1.0	0.879497	50.0	454294.0	0.879497	Y
4	STD5 460-973787/6	5.0	5.026364	50.0	430888.0	1.005273	Y
5	STD20 460-973787/7	20.0	21.10404	50.0	414333.0	1.055202	Y
6	STD50 460-973787/8	50.0	53.307453	50.0	429288.0	1.066149	Y
7	STD200 460-973787/9	200.0	191.465348	50.0	442250.0	0.957327	Y
8	STD500 460-973787/10	500.0	482.029984	50.0	457309.0	0.96406	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

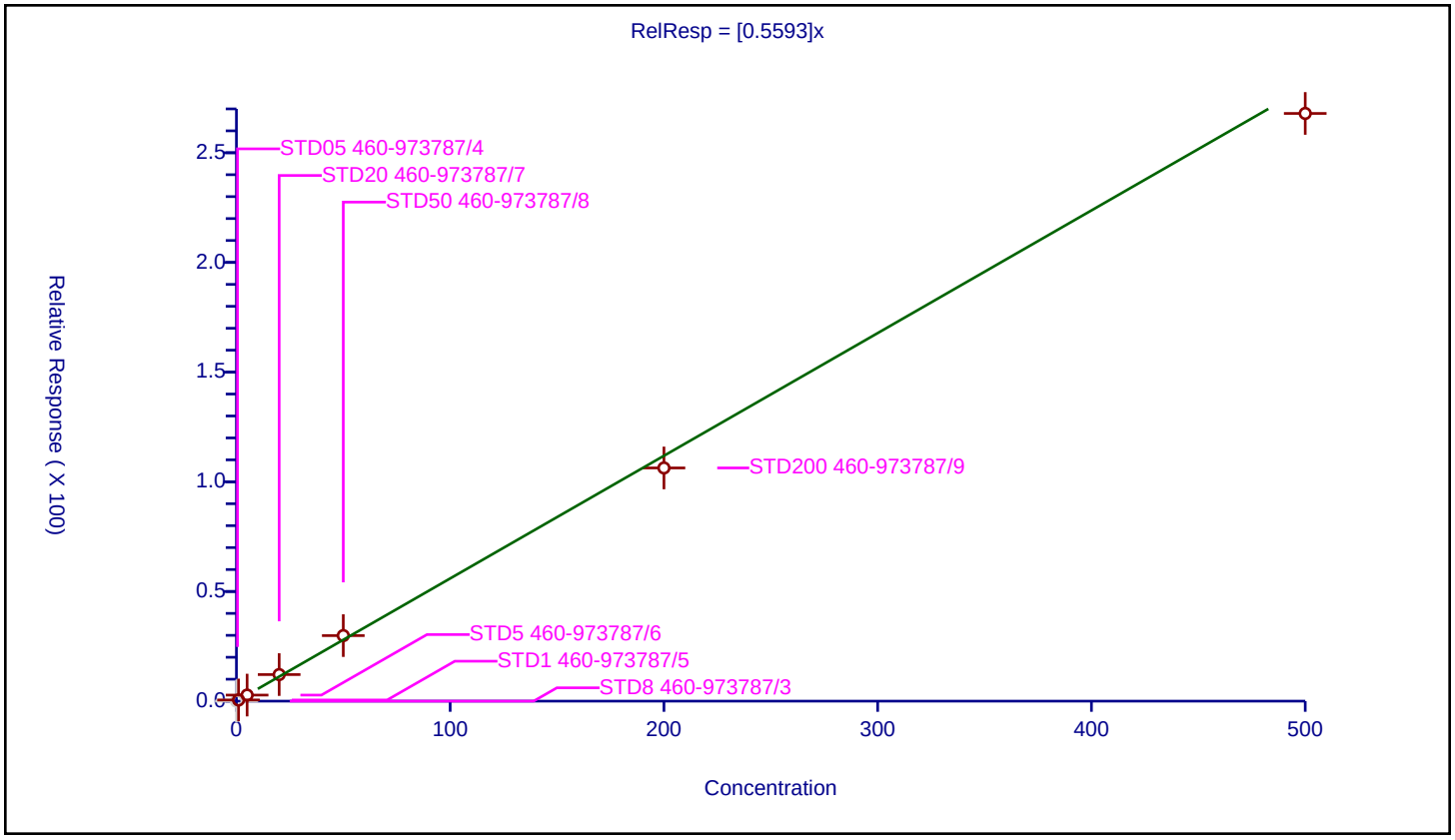
Curve Coefficients

Intercept:	0
Slope:	0.5593

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.426216	50.0	411294.0	0.852432	N
3	STD1 460-973787/5	1.0	0.534015	50.0	454294.0	0.534015	Y
4	STD5 460-973787/6	5.0	2.757213	50.0	430888.0	0.551443	Y
5	STD20 460-973787/7	20.0	12.106446	50.0	414333.0	0.605322	Y
6	STD50 460-973787/8	50.0	29.878892	50.0	429288.0	0.597578	Y
7	STD200 460-973787/9	200.0	106.308988	50.0	442250.0	0.531545	Y
8	STD500 460-973787/10	500.0	267.927594	50.0	457309.0	0.535855	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

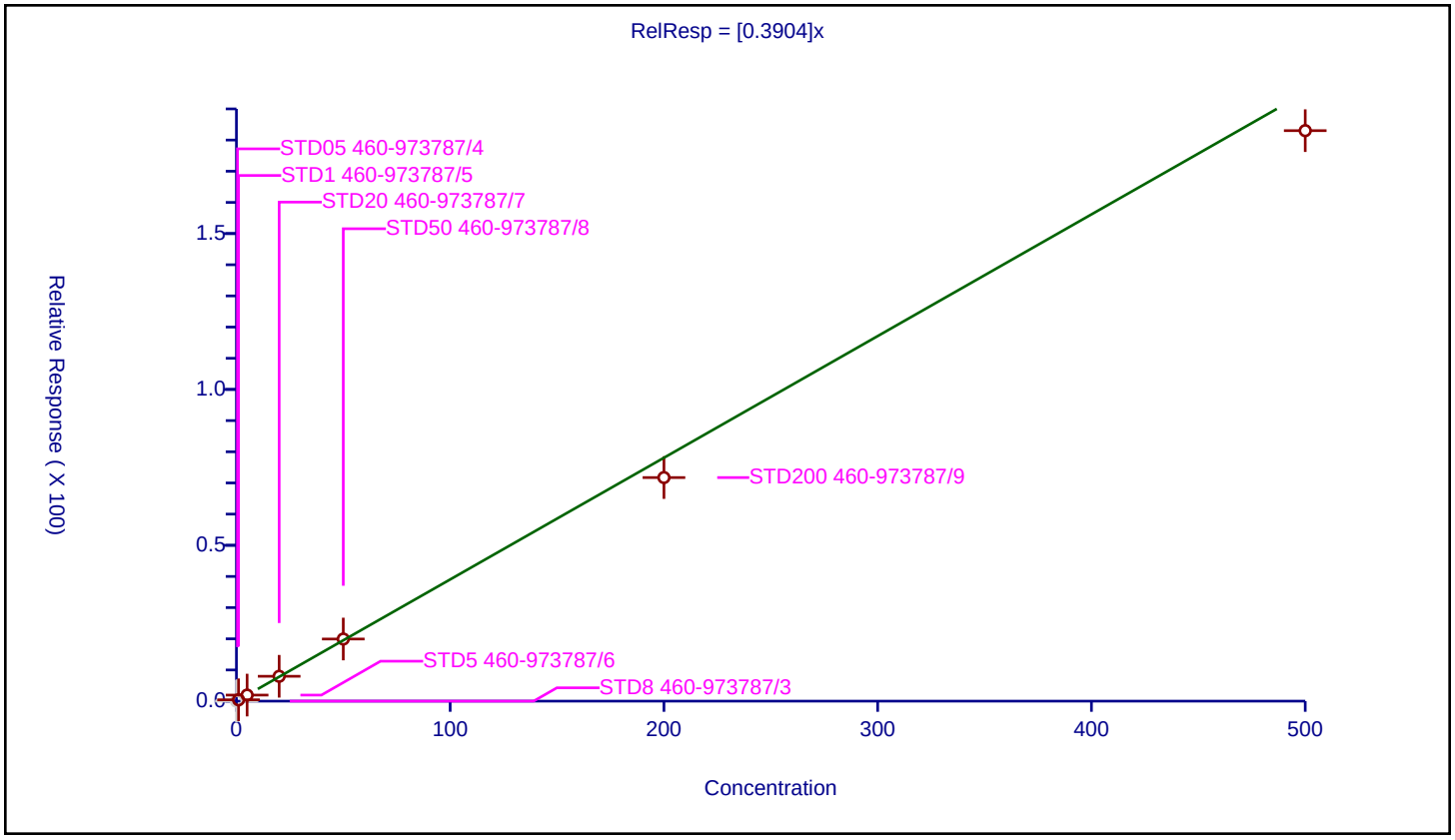
Curve Coefficients

Intercept:	0
Slope:	0.3904

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.244715	50.0	411294.0	0.489431	N
3	STD1 460-973787/5	1.0	0.431989	50.0	454294.0	0.431989	Y
4	STD5 460-973787/6	5.0	1.940644	50.0	430888.0	0.388129	Y
5	STD20 460-973787/7	20.0	7.979572	50.0	414333.0	0.398979	Y
6	STD50 460-973787/8	50.0	19.926716	50.0	429288.0	0.398534	Y
7	STD200 460-973787/9	200.0	71.723912	50.0	442250.0	0.35862	Y
8	STD500 460-973787/10	500.0	183.0175	50.0	457309.0	0.366035	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

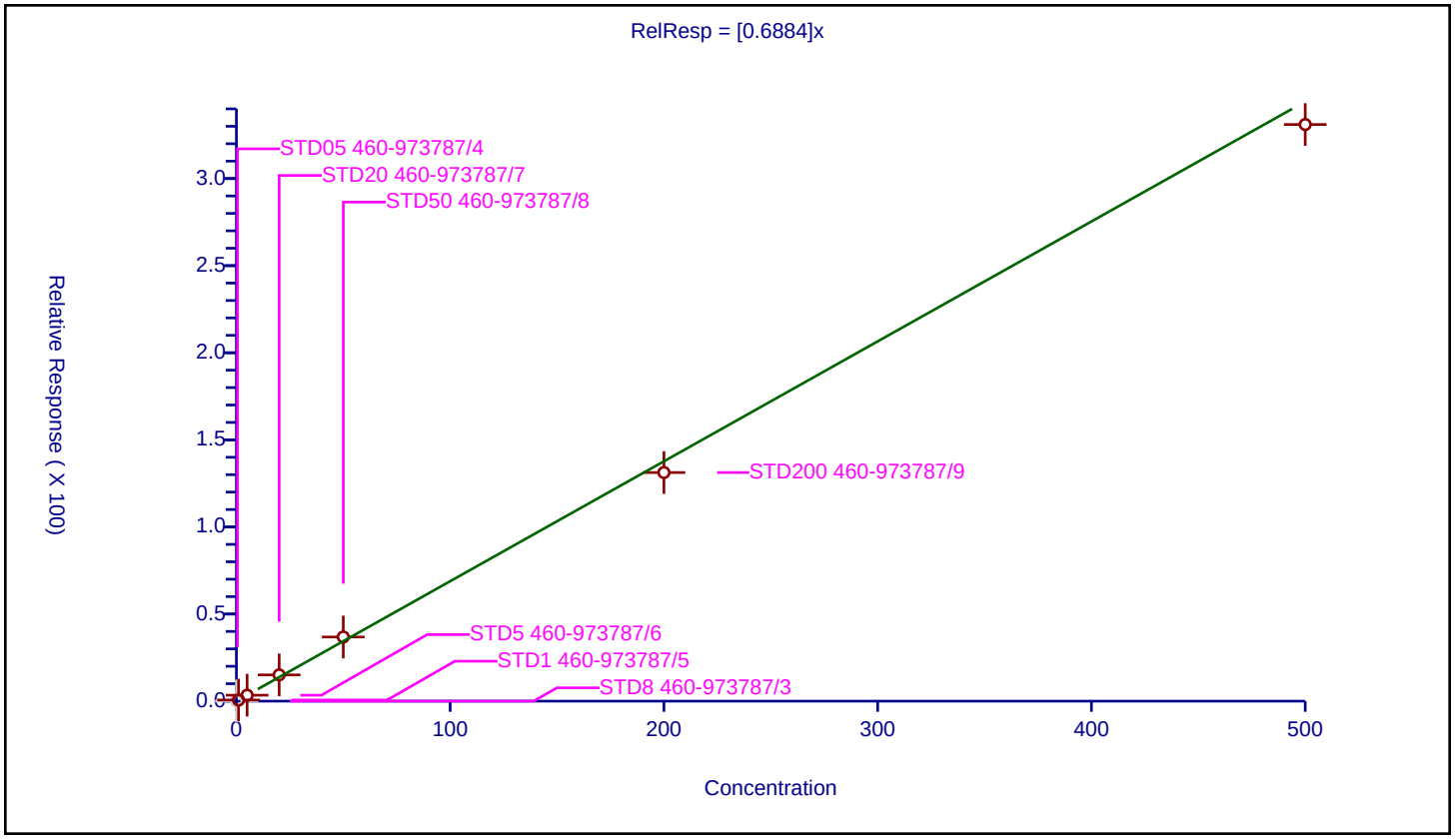
Curve Coefficients

Intercept:	0
Slope:	0.6884

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.414545	50.0	411294.0	0.829091	N
3	STD1 460-973787/5	1.0	0.643306	50.0	454294.0	0.643306	Y
4	STD5 460-973787/6	5.0	3.395082	50.0	430888.0	0.679016	Y
5	STD20 460-973787/7	20.0	15.066504	50.0	414333.0	0.753325	Y
6	STD50 460-973787/8	50.0	36.831917	50.0	429288.0	0.736638	Y
7	STD200 460-973787/9	200.0	131.246354	50.0	442250.0	0.656232	Y
8	STD500 460-973787/10	500.0	331.024646	50.0	457309.0	0.662049	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

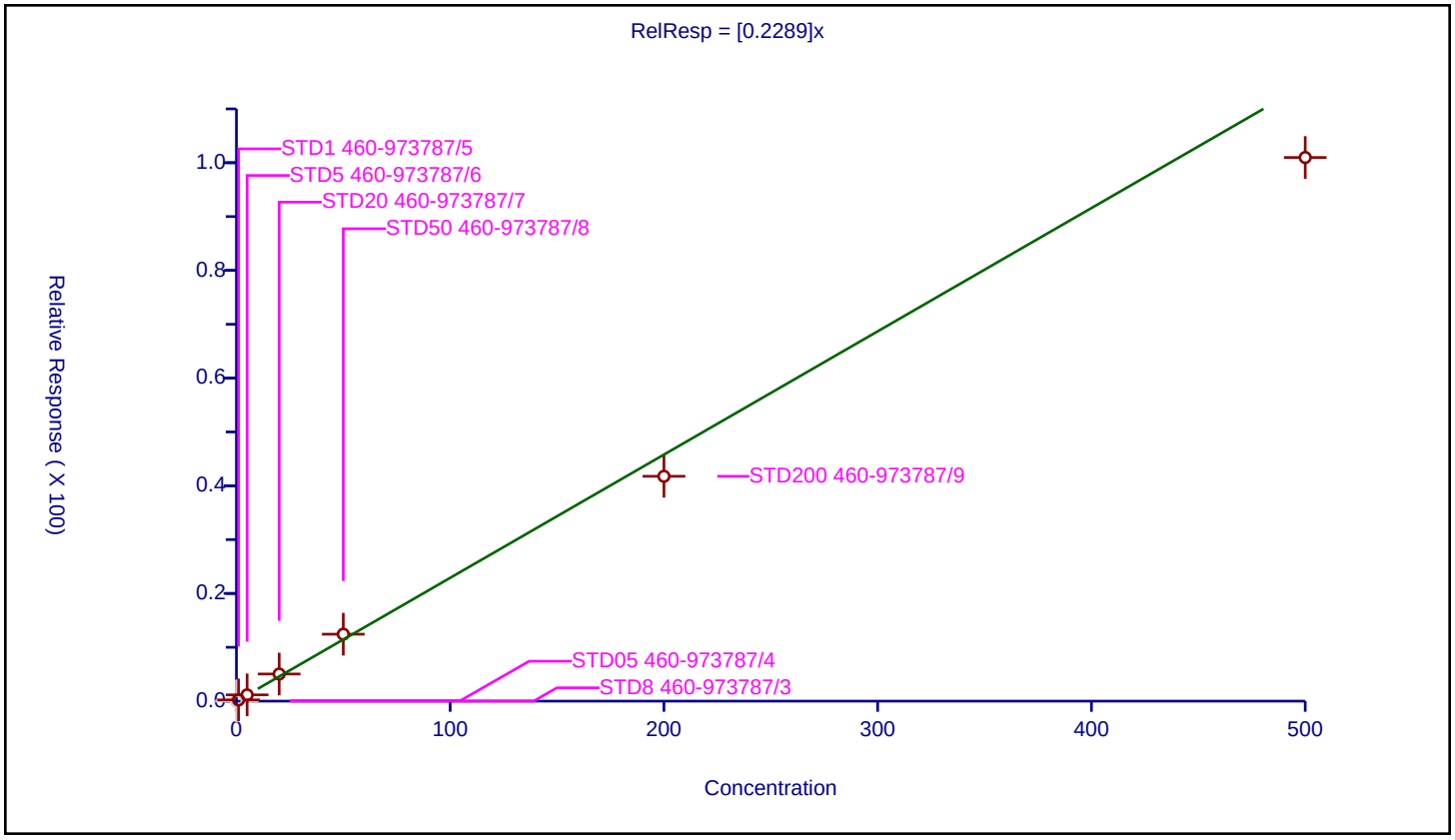
Curve Coefficients

Intercept:	0
Slope:	0.2289

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.095066	50.0	411294.0	0.190132	N
3	STD1 460-973787/5	1.0	0.229257	50.0	454294.0	0.229257	Y
4	STD5 460-973787/6	5.0	1.16492	50.0	430888.0	0.232984	Y
5	STD20 460-973787/7	20.0	5.039787	50.0	414333.0	0.251989	Y
6	STD50 460-973787/8	50.0	12.43594	50.0	429288.0	0.248719	Y
7	STD200 460-973787/9	200.0	41.762012	50.0	442250.0	0.20881	Y
8	STD500 460-973787/10	500.0	100.969804	50.0	457309.0	0.20194	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

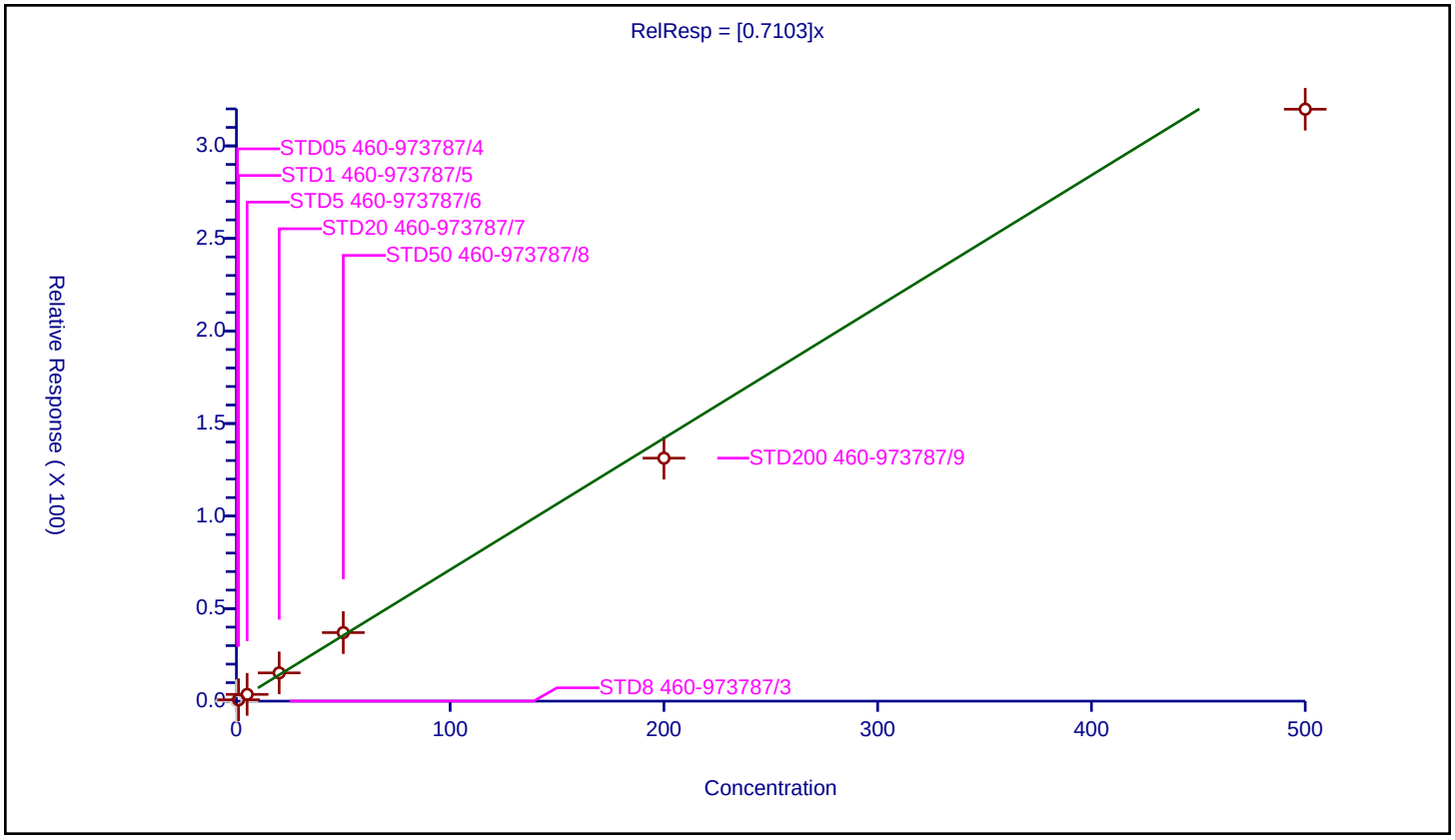
Curve Coefficients

Intercept:	0
Slope:	0.7103

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.429377	50.0	411294.0	0.858753	N
3	STD1 460-973787/5	1.0	0.731575	50.0	454294.0	0.731575	Y
4	STD5 460-973787/6	5.0	3.652921	50.0	430888.0	0.730584	Y
5	STD20 460-973787/7	20.0	15.262603	50.0	414333.0	0.76313	Y
6	STD50 460-973787/8	50.0	37.033297	50.0	429288.0	0.740666	Y
7	STD200 460-973787/9	200.0	131.288638	50.0	442250.0	0.656443	Y
8	STD500 460-973787/10	500.0	319.83123	50.0	457309.0	0.639662	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

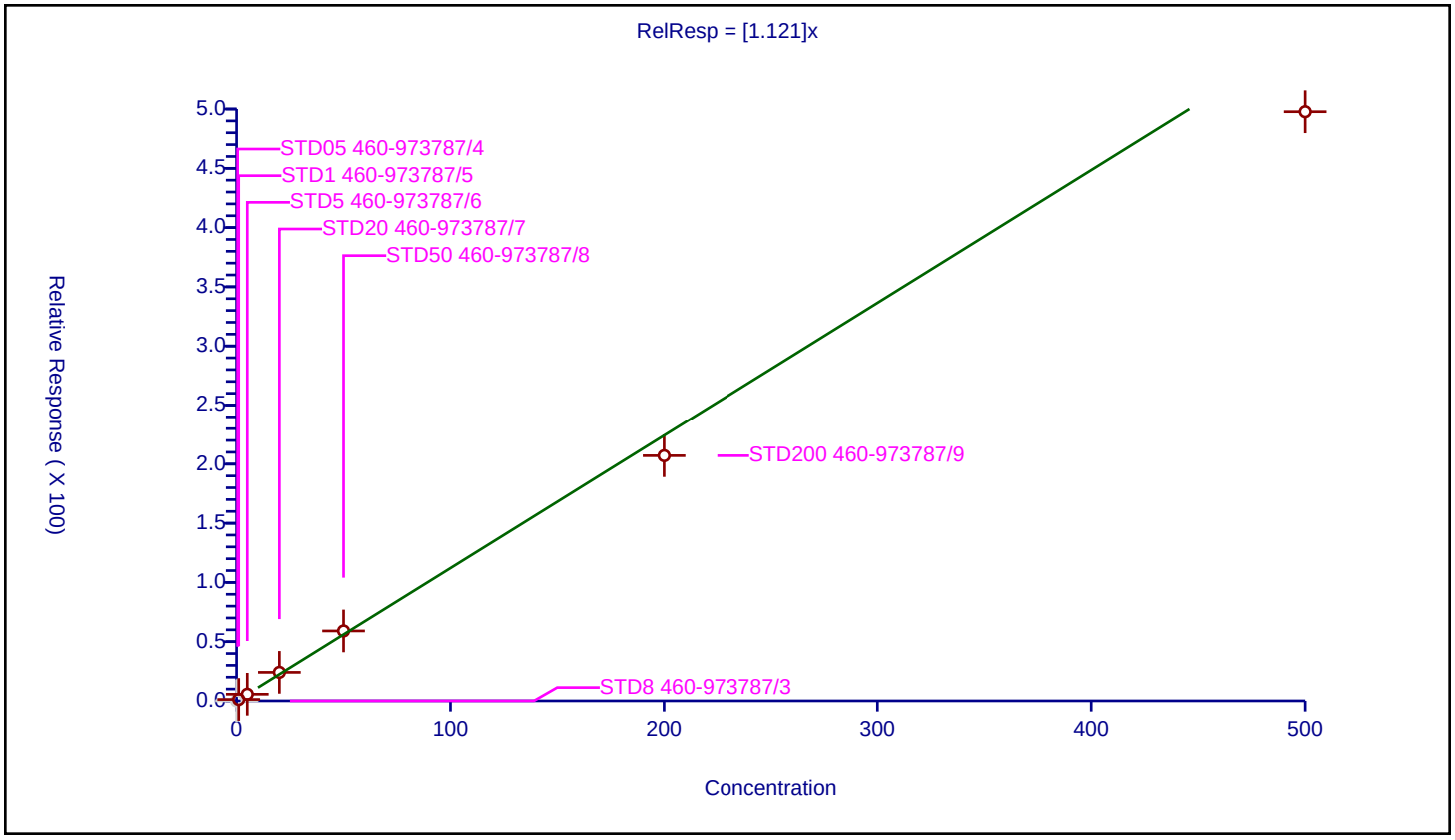
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.766119	50.0	411294.0	1.532237	N
3	STD1 460-973787/5	1.0	1.188437	50.0	454294.0	1.188437	Y
4	STD5 460-973787/6	5.0	5.610623	50.0	430888.0	1.122125	Y
5	STD20 460-973787/7	20.0	24.09294	50.0	414333.0	1.204647	Y
6	STD50 460-973787/8	50.0	59.062797	50.0	429288.0	1.181256	Y
7	STD200 460-973787/9	200.0	207.101752	50.0	442250.0	1.035509	Y
8	STD500 460-973787/10	500.0	497.734792	50.0	457309.0	0.99547	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

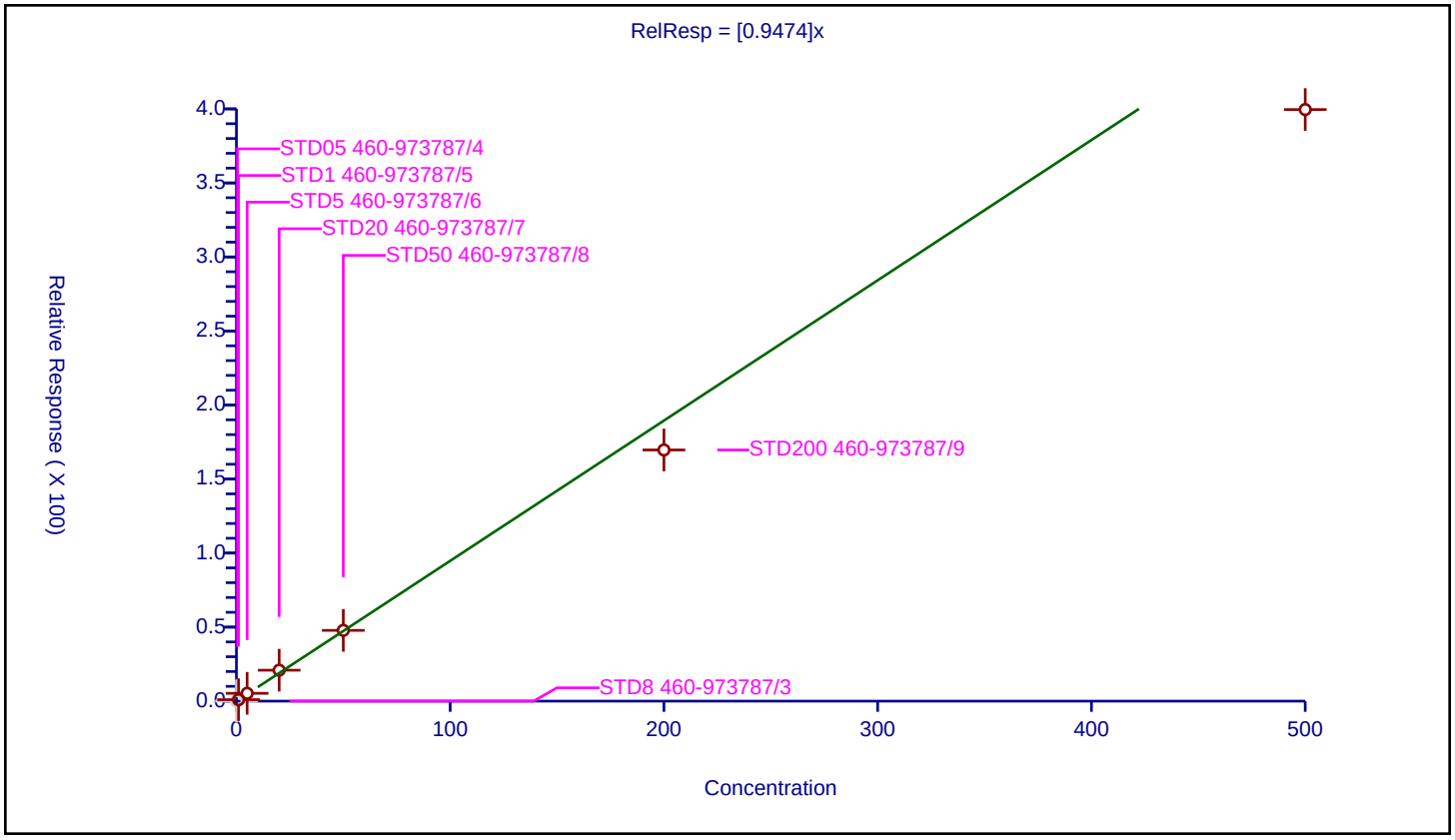
Curve Coefficients

Intercept:	0
Slope:	0.9474

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.67397	50.0	215069.0	1.347939	N
3	STD1 460-973787/5	1.0	0.979957	50.0	231796.0	0.979957	Y
4	STD5 460-973787/6	5.0	5.283914	50.0	217055.0	1.056783	Y
5	STD20 460-973787/7	20.0	20.895452	50.0	211089.0	1.044773	Y
6	STD50 460-973787/8	50.0	47.783877	50.0	222799.0	0.955678	Y
7	STD200 460-973787/9	200.0	169.63718	50.0	220798.0	0.848186	Y
8	STD500 460-973787/10	500.0	399.546945	50.0	230877.0	0.799094	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

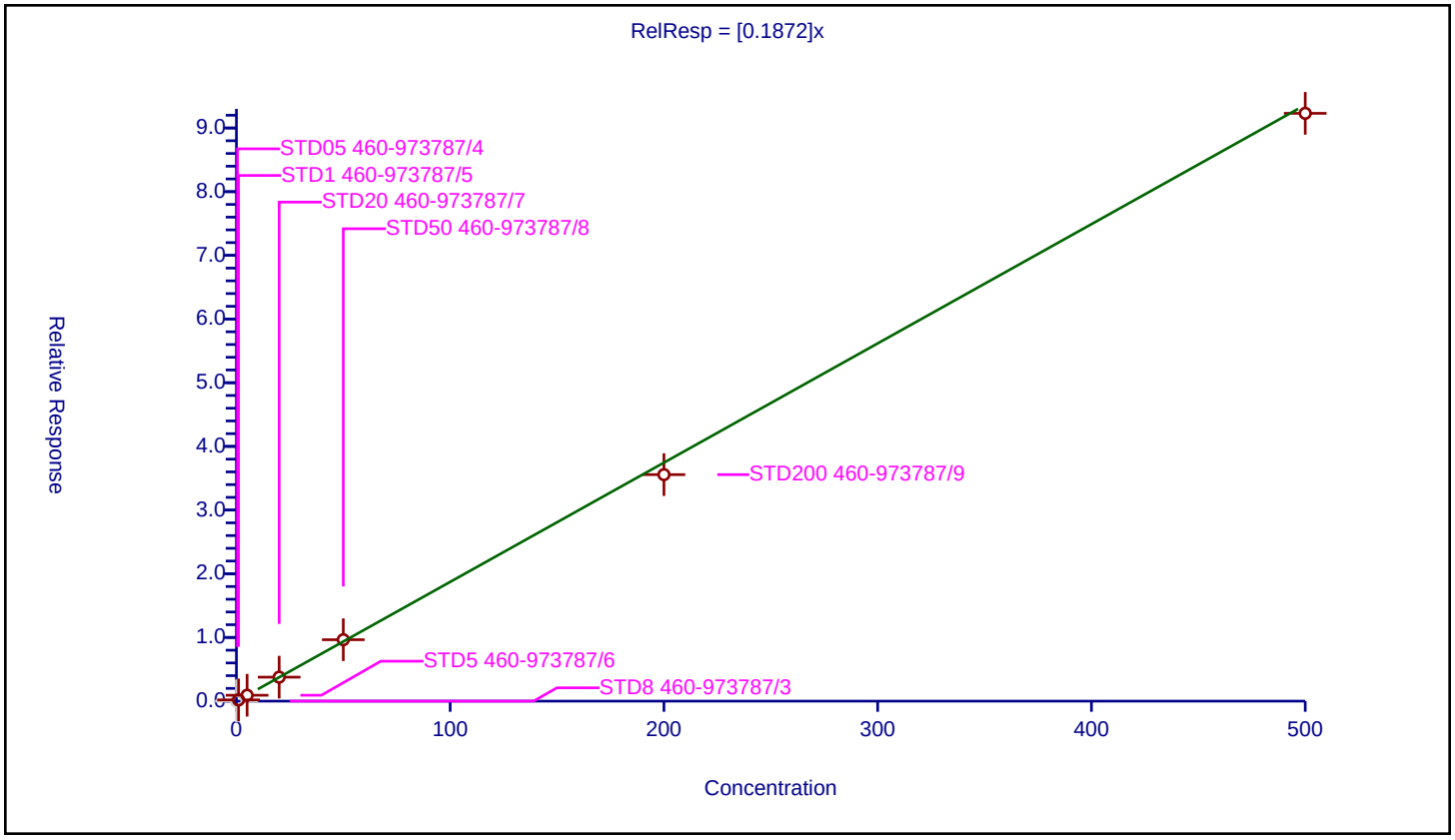
Curve Coefficients

Intercept:	0
Slope:	0.1872

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.139803	50.0	411294.0	0.279605	N
3	STD1 460-973787/5	1.0	0.194698	50.0	454294.0	0.194698	Y
4	STD5 460-973787/6	5.0	0.926227	50.0	430888.0	0.185245	Y
5	STD20 460-973787/7	20.0	3.764122	50.0	414333.0	0.188206	Y
6	STD50 460-973787/8	50.0	9.645623	50.0	429288.0	0.192912	Y
7	STD200 460-973787/9	200.0	35.566874	50.0	442250.0	0.177834	Y
8	STD500 460-973787/10	500.0	92.301923	50.0	457309.0	0.184604	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

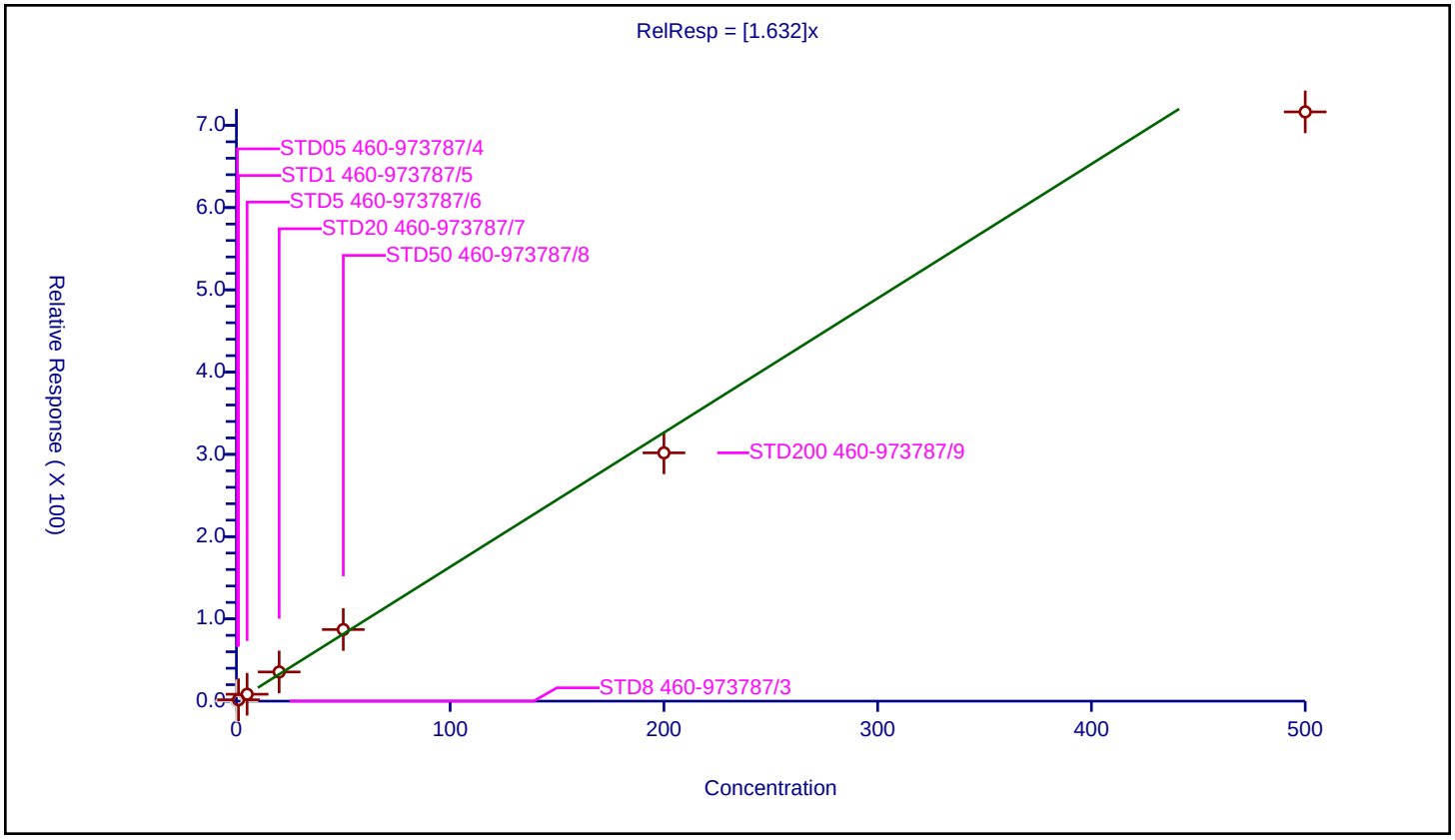
Curve Coefficients

Intercept:	0
Slope:	1.632

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	1.060191	50.0	411294.0	2.120381	N
3	STD1 460-973787/5	1.0	1.661039	50.0	454294.0	1.661039	Y
4	STD5 460-973787/6	5.0	8.389883	50.0	430888.0	1.677977	Y
5	STD20 460-973787/7	20.0	35.45566	50.0	414333.0	1.772783	Y
6	STD50 460-973787/8	50.0	87.061716	50.0	429288.0	1.741234	Y
7	STD200 460-973787/9	200.0	301.855059	50.0	442250.0	1.509275	Y
8	STD500 460-973787/10	500.0	716.330752	50.0	457309.0	1.432662	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

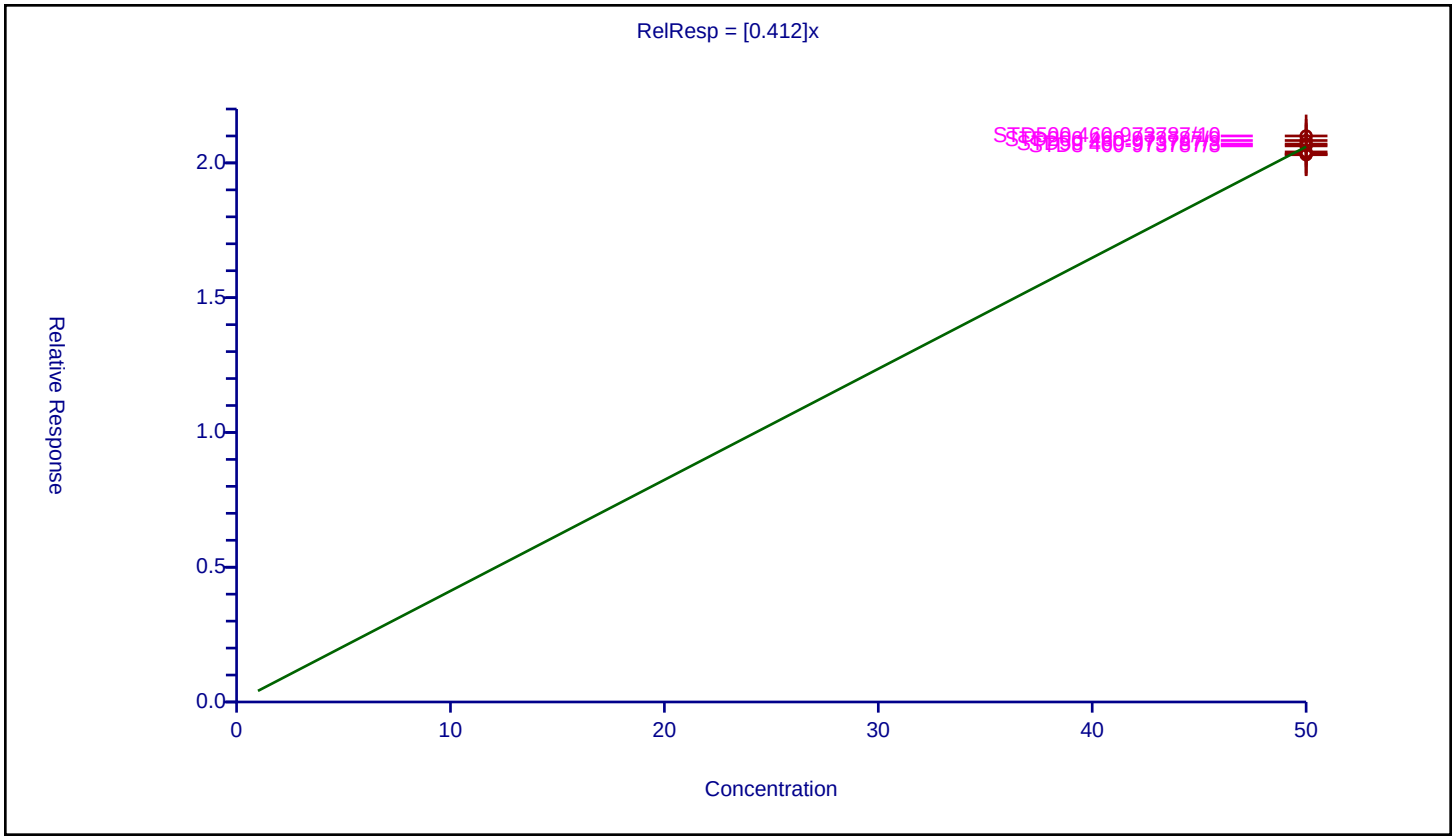
Curve Coefficients

Intercept:	0
Slope:	0.412

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	20.63204	50.0	434751.0	0.412641	Y
2	STD05 460-973787/4	50.0	20.316611	50.0	411294.0	0.406332	N
3	STD1 460-973787/5	50.0	20.327695	50.0	454294.0	0.406554	Y
4	STD5 460-973787/6	50.0	20.30284	50.0	430888.0	0.406057	Y
5	STD20 460-973787/7	50.0	20.407619	50.0	414333.0	0.408152	Y
6	STD50 460-973787/8	50.0	20.700905	50.0	429288.0	0.414018	Y
7	STD200 460-973787/9	50.0	20.831543	50.0	442250.0	0.416631	Y
8	STD500 460-973787/10	50.0	21.00068	50.0	457309.0	0.420014	Y



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Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

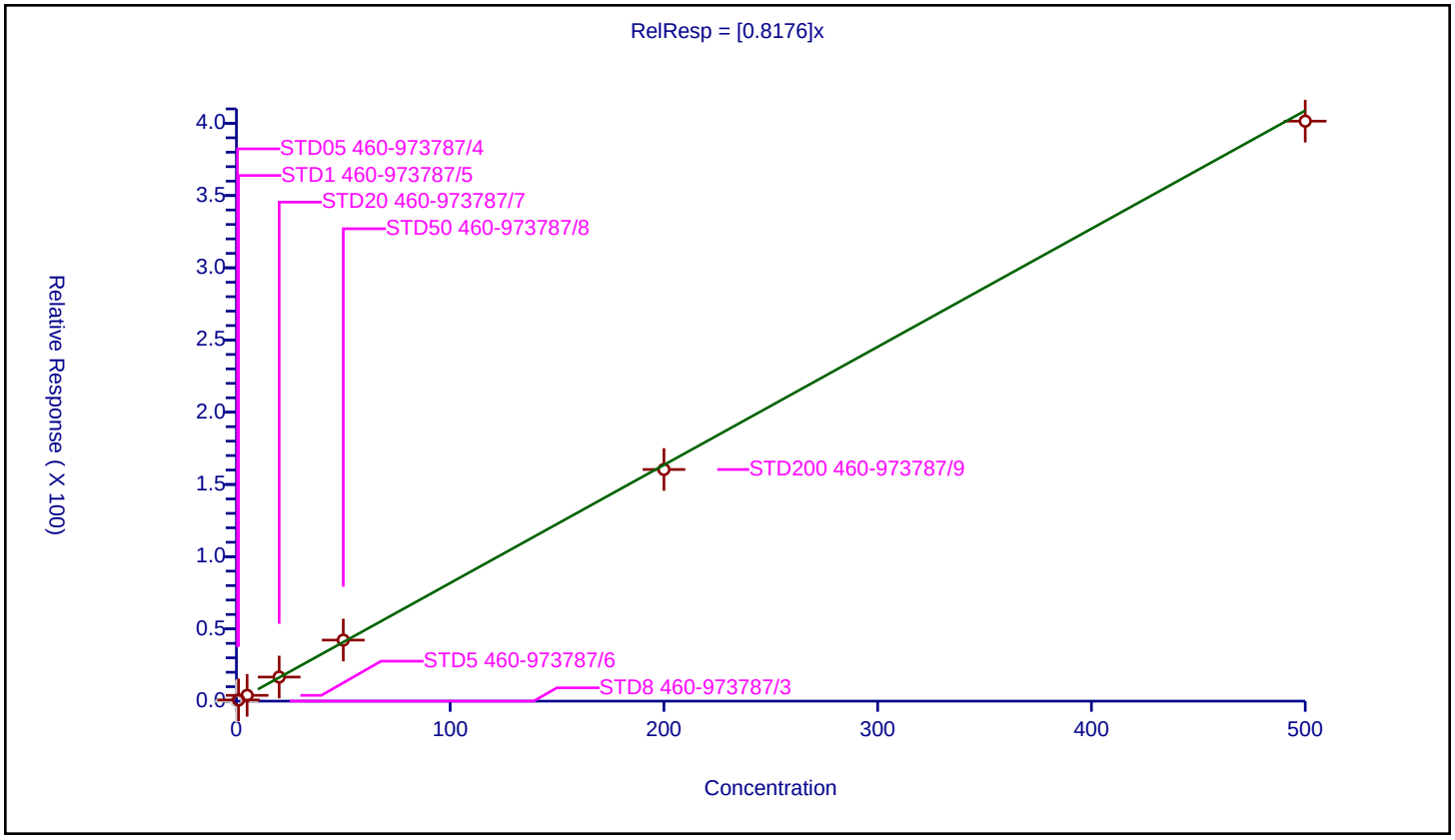
Curve Coefficients

Intercept:	0
Slope:	0.8176

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.500537	50.0	215069.0	1.001074	N
3	STD1 460-973787/5	1.0	0.819902	50.0	231796.0	0.819902	Y
4	STD5 460-973787/6	5.0	4.010274	50.0	217055.0	0.802055	Y
5	STD20 460-973787/7	20.0	16.669746	50.0	211089.0	0.833487	Y
6	STD50 460-973787/8	50.0	42.266348	50.0	222799.0	0.845327	Y
7	STD200 460-973787/9	200.0	160.359922	50.0	220798.0	0.8018	Y
8	STD500 460-973787/10	500.0	401.525271	50.0	230877.0	0.803051	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

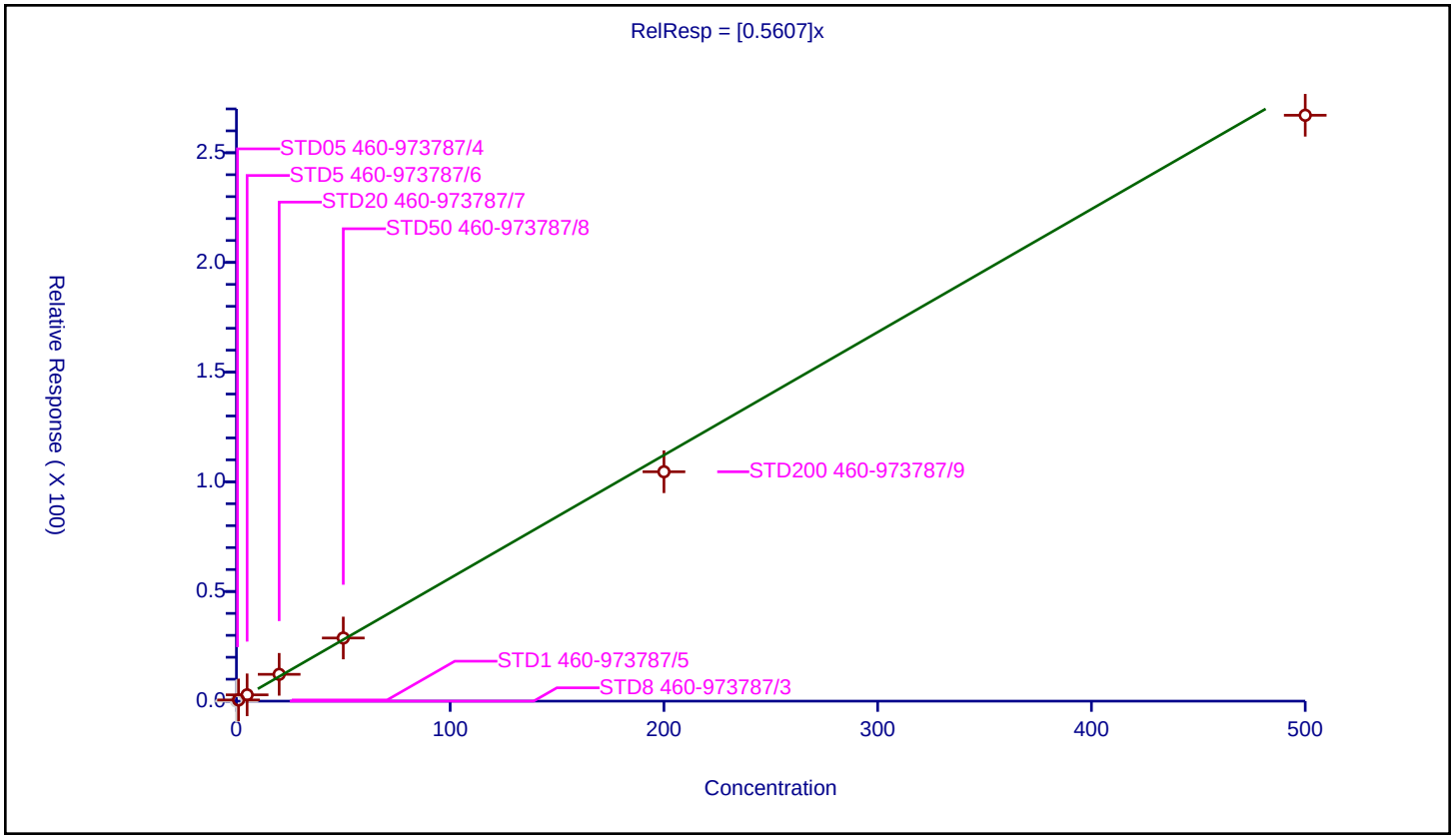
Curve Coefficients

Intercept:	0
Slope:	0.5607

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.330127	50.0	215069.0	0.660253	N
3	STD1 460-973787/5	1.0	0.545738	50.0	231796.0	0.545738	Y
4	STD5 460-973787/6	5.0	2.874617	50.0	217055.0	0.574923	Y
5	STD20 460-973787/7	20.0	12.220438	50.0	211089.0	0.611022	Y
6	STD50 460-973787/8	50.0	28.784689	50.0	222799.0	0.575694	Y
7	STD200 460-973787/9	200.0	104.57477	50.0	220798.0	0.522874	Y
8	STD500 460-973787/10	500.0	267.101747	50.0	230877.0	0.534203	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

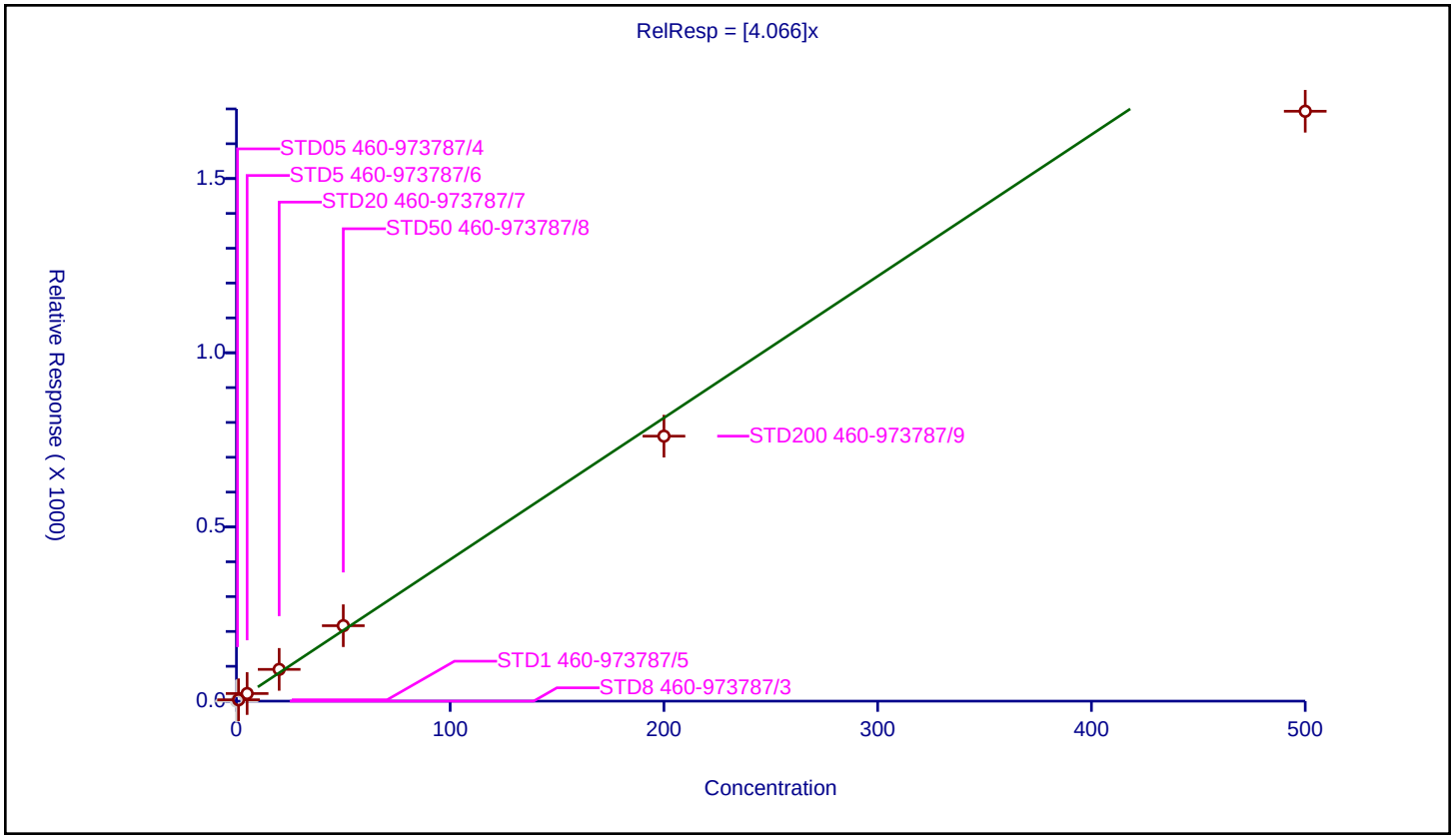
Curve Coefficients

Intercept:	0
Slope:	4.066

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	2.288568	50.0	215069.0	4.577136	N
3	STD1 460-973787/5	1.0	3.947868	50.0	231796.0	3.947868	Y
4	STD5 460-973787/6	5.0	21.825344	50.0	217055.0	4.365069	Y
5	STD20 460-973787/7	20.0	91.203237	50.0	211089.0	4.560162	Y
6	STD50 460-973787/8	50.0	216.523638	50.0	222799.0	4.330473	Y
7	STD200 460-973787/9	200.0	760.649779	50.0	220798.0	3.803249	Y
8	STD500 460-973787/10	500.0	1693.287985	50.0	230877.0	3.386576	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

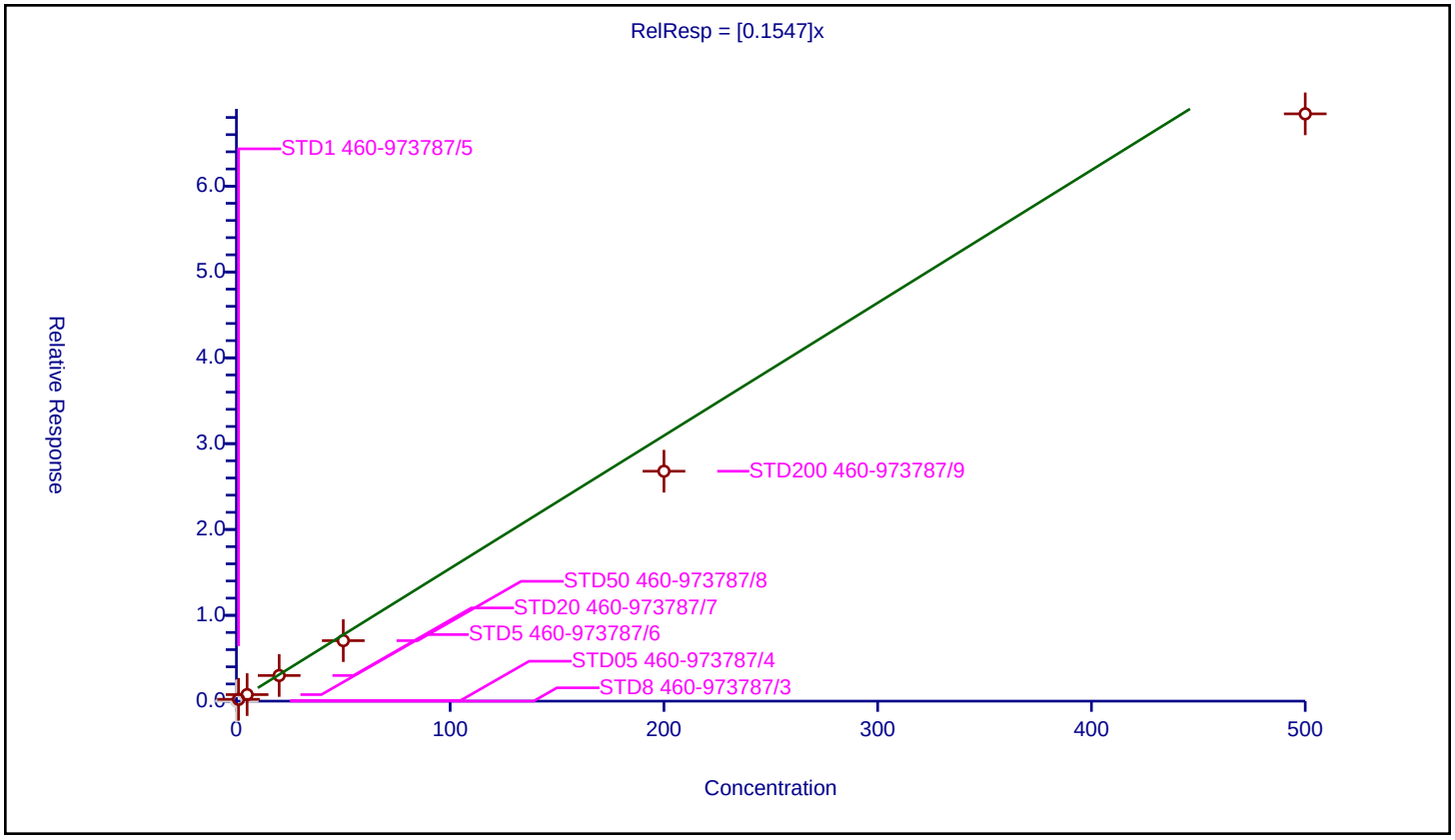
Curve Coefficients

Intercept:	0
Slope:	0.1547

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.06463	50.0	215069.0	0.129261	N
3	STD1 460-973787/5	1.0	0.214413	50.0	231796.0	0.214413	Y
4	STD5 460-973787/6	5.0	0.76271	50.0	217055.0	0.152542	Y
5	STD20 460-973787/7	20.0	2.986181	50.0	211089.0	0.149309	Y
6	STD50 460-973787/8	50.0	7.048057	50.0	222799.0	0.140961	Y
7	STD200 460-973787/9	200.0	26.787607	50.0	220798.0	0.133938	Y
8	STD500 460-973787/10	500.0	68.424313	50.0	230877.0	0.136849	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

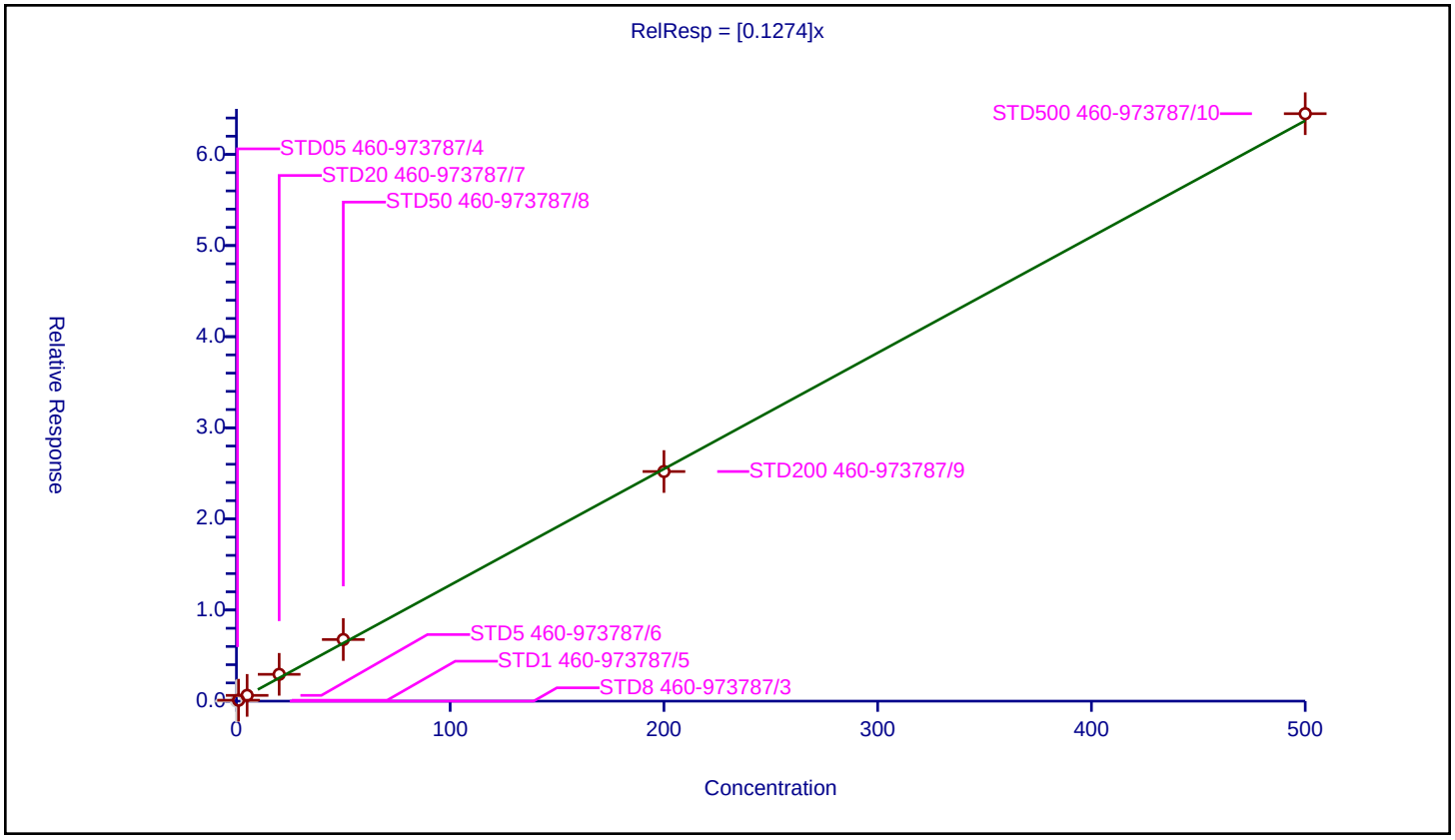
Curve Coefficients

Intercept:	0
Slope:	0.1274

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.089506	50.0	215069.0	0.179012	N
3	STD1 460-973787/5	1.0	0.100519	50.0	231796.0	0.100519	Y
4	STD5 460-973787/6	5.0	0.63325	50.0	217055.0	0.12665	Y
5	STD20 460-973787/7	20.0	2.942598	50.0	211089.0	0.14713	Y
6	STD50 460-973787/8	50.0	6.761924	50.0	222799.0	0.135238	Y
7	STD200 460-973787/9	200.0	25.201768	50.0	220798.0	0.126009	Y
8	STD500 460-973787/10	500.0	64.472858	50.0	230877.0	0.128946	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

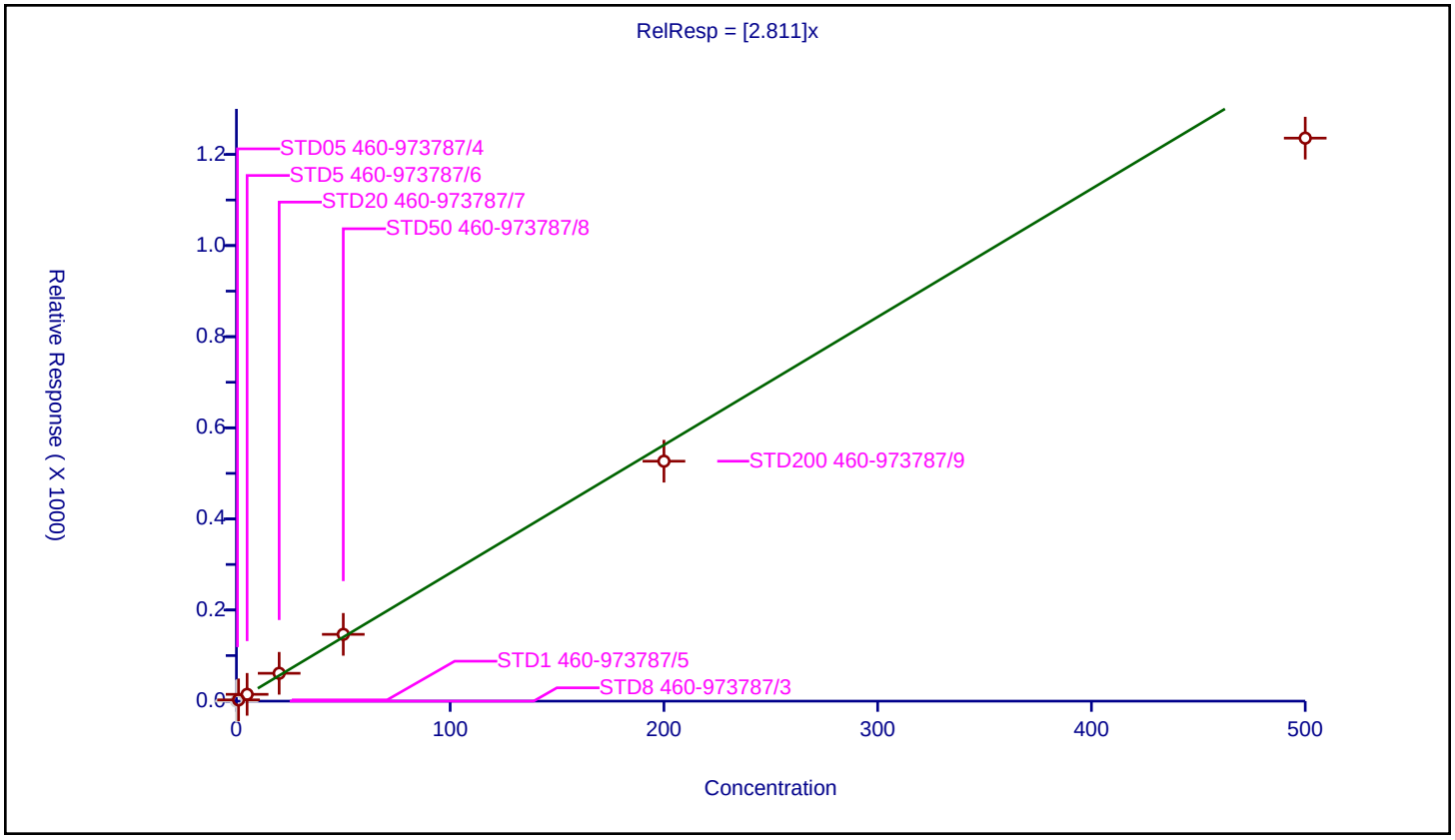
Curve Coefficients

Intercept:	0
Slope:	2.811

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.618318	50.0	215069.0	3.236636	N
3	STD1 460-973787/5	1.0	2.786502	50.0	231796.0	2.786502	Y
4	STD5 460-973787/6	5.0	14.927323	50.0	217055.0	2.985465	Y
5	STD20 460-973787/7	20.0	61.146957	50.0	211089.0	3.057348	Y
6	STD50 460-973787/8	50.0	146.60389	50.0	222799.0	2.932078	Y
7	STD200 460-973787/9	200.0	526.683892	50.0	220798.0	2.633419	Y
8	STD500 460-973787/10	500.0	1235.823404	50.0	230877.0	2.471647	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

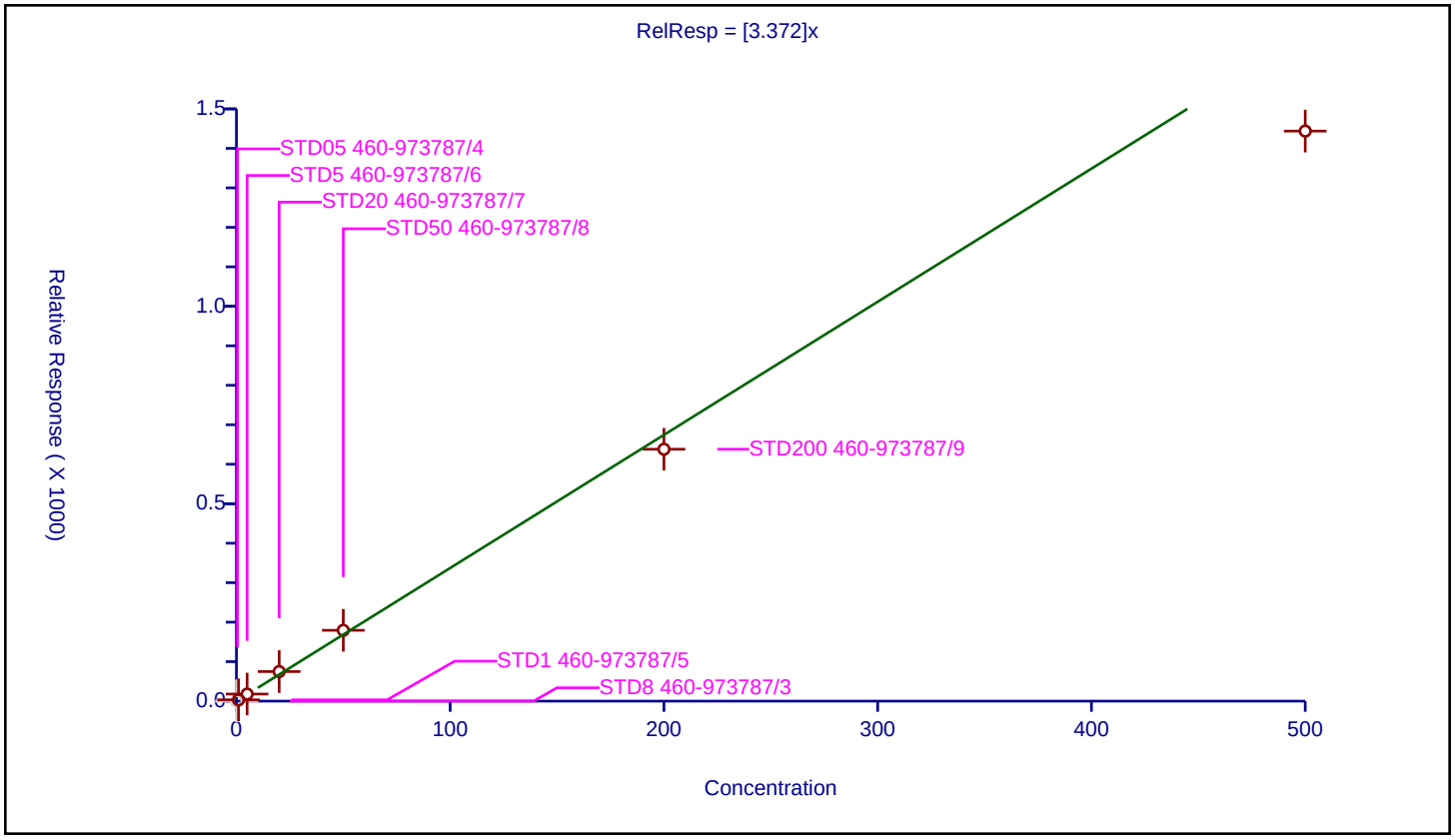
Curve Coefficients

Intercept:	0
Slope:	3.372

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.927753	50.0	215069.0	3.855507	N
3	STD1 460-973787/5	1.0	3.241428	50.0	231796.0	3.241428	Y
4	STD5 460-973787/6	5.0	17.882795	50.0	217055.0	3.576559	Y
5	STD20 460-973787/7	20.0	74.936875	50.0	211089.0	3.746844	Y
6	STD50 460-973787/8	50.0	179.370868	50.0	222799.0	3.587417	Y
7	STD200 460-973787/9	200.0	638.031368	50.0	220798.0	3.190157	Y
8	STD500 460-973787/10	500.0	1443.79713	50.0	230877.0	2.887594	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

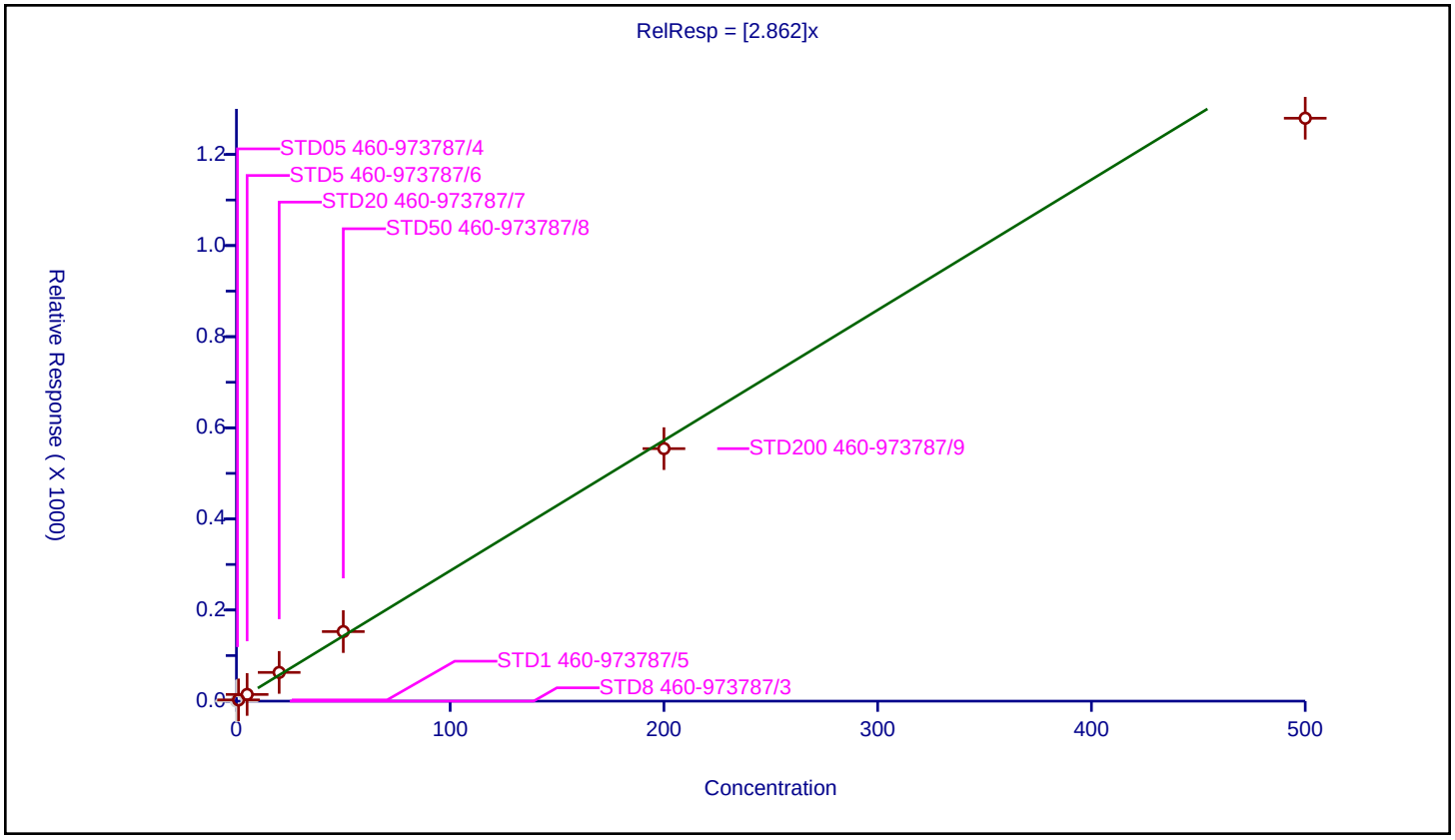
Curve Coefficients

Intercept:	0
Slope:	2.862

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.796865	50.0	215069.0	3.59373	N
3	STD1 460-973787/5	1.0	2.697199	50.0	231796.0	2.697199	Y
4	STD5 460-973787/6	5.0	14.688904	50.0	217055.0	2.937781	Y
5	STD20 460-973787/7	20.0	63.033365	50.0	211089.0	3.151668	Y
6	STD50 460-973787/8	50.0	152.675955	50.0	222799.0	3.053519	Y
7	STD200 460-973787/9	200.0	554.261588	50.0	220798.0	2.771308	Y
8	STD500 460-973787/10	500.0	1279.53499	50.0	230877.0	2.55907	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

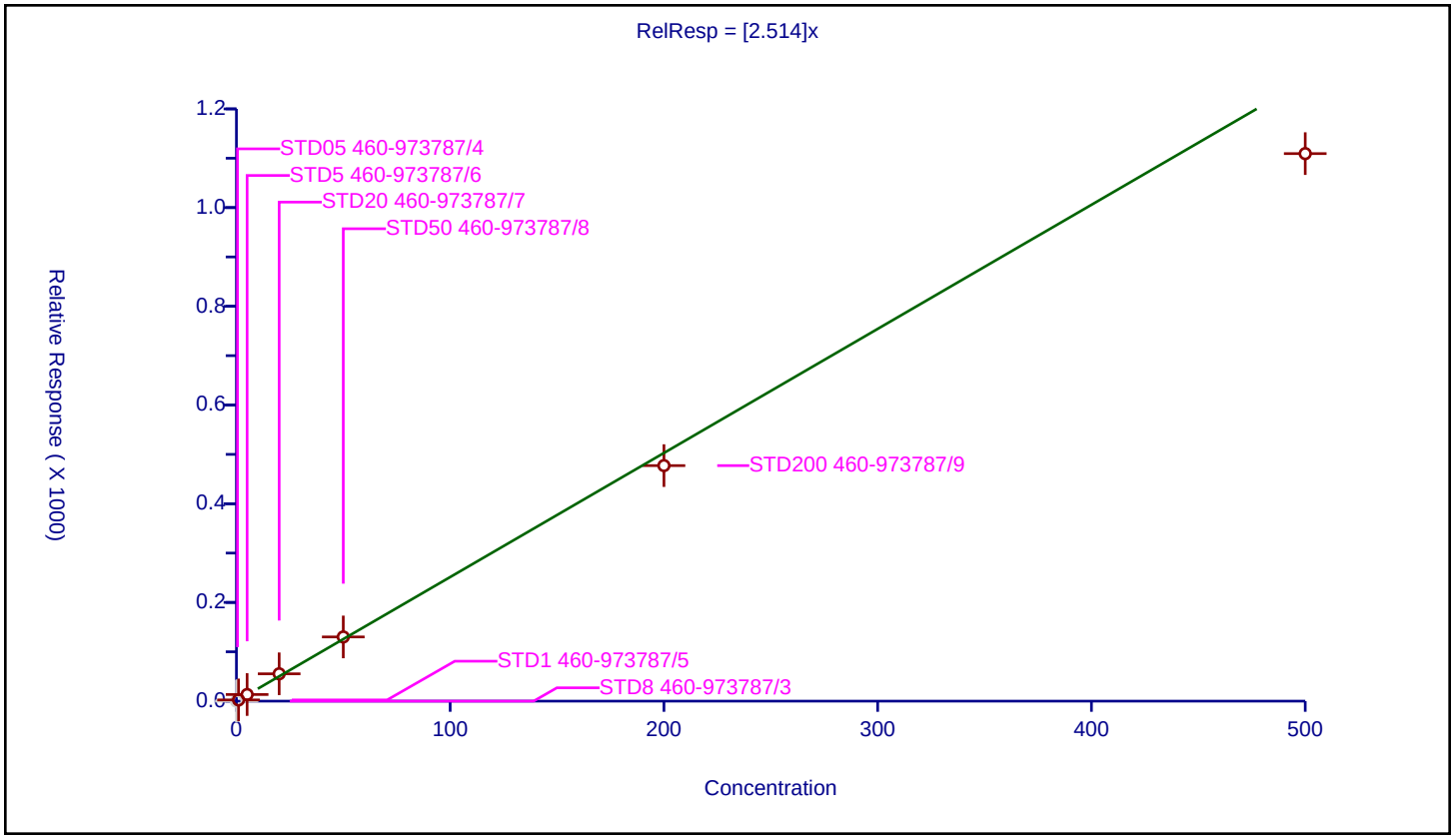
Curve Coefficients

Intercept:	0
Slope:	2.514

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.474643	50.0	215069.0	2.949286	N
3	STD1 460-973787/5	1.0	2.429507	50.0	231796.0	2.429507	Y
4	STD5 460-973787/6	5.0	13.401442	50.0	217055.0	2.680288	Y
5	STD20 460-973787/7	20.0	55.38209	50.0	211089.0	2.769105	Y
6	STD50 460-973787/8	50.0	130.066787	50.0	222799.0	2.601336	Y
7	STD200 460-973787/9	200.0	477.23666	50.0	220798.0	2.386183	Y
8	STD500 460-973787/10	500.0	1109.403492	50.0	230877.0	2.218807	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

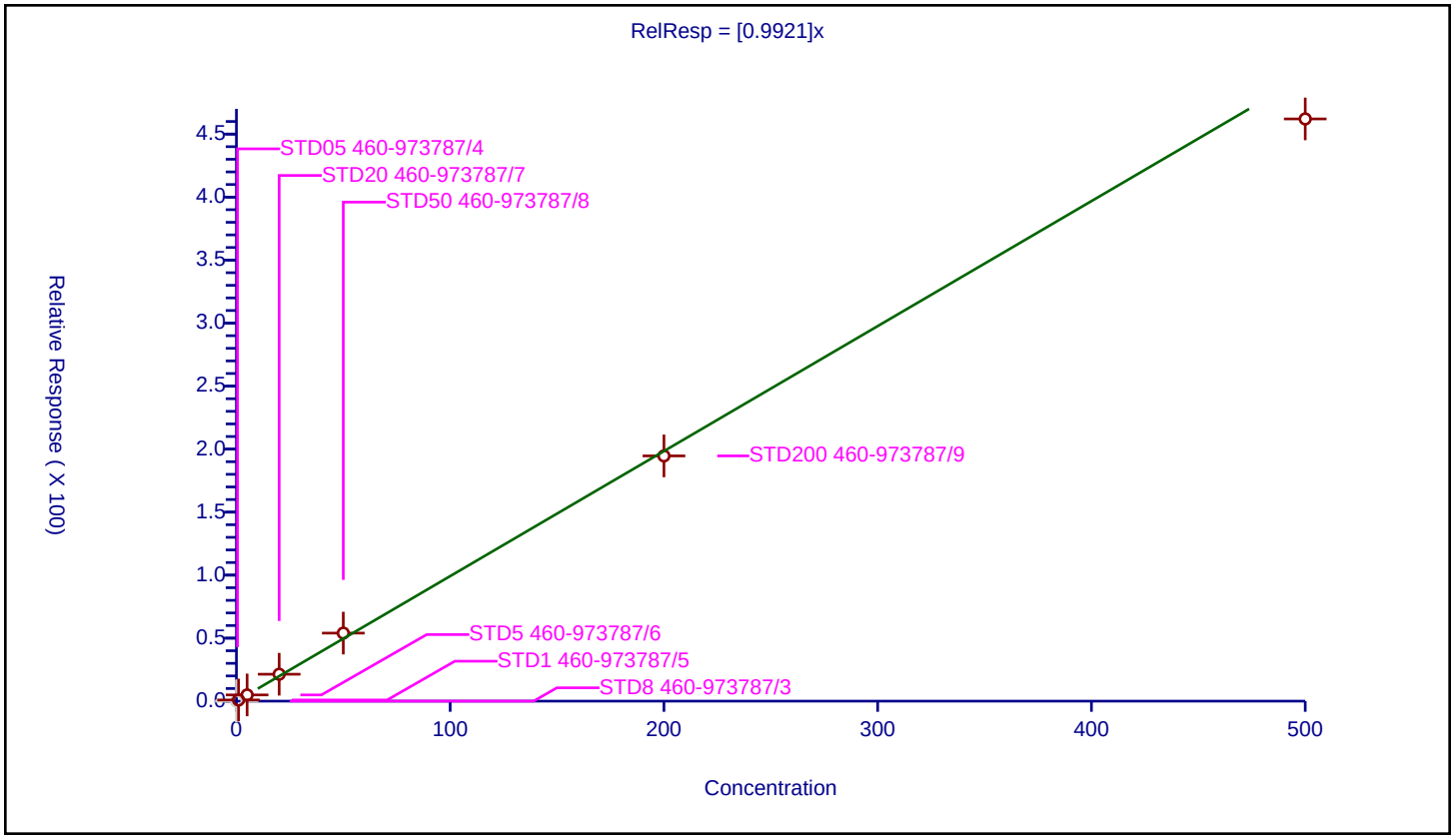
Curve Coefficients

Intercept:	0
Slope:	0.9921

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.549591	50.0	215069.0	1.099182	N
3	STD1 460-973787/5	1.0	0.919127	50.0	231796.0	0.919127	Y
4	STD5 460-973787/6	5.0	4.941144	50.0	217055.0	0.988229	Y
5	STD20 460-973787/7	20.0	21.362553	50.0	211089.0	1.068128	Y
6	STD50 460-973787/8	50.0	53.987899	50.0	222799.0	1.079758	Y
7	STD200 460-973787/9	200.0	194.608194	50.0	220798.0	0.973041	Y
8	STD500 460-973787/10	500.0	462.036712	50.0	230877.0	0.924073	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

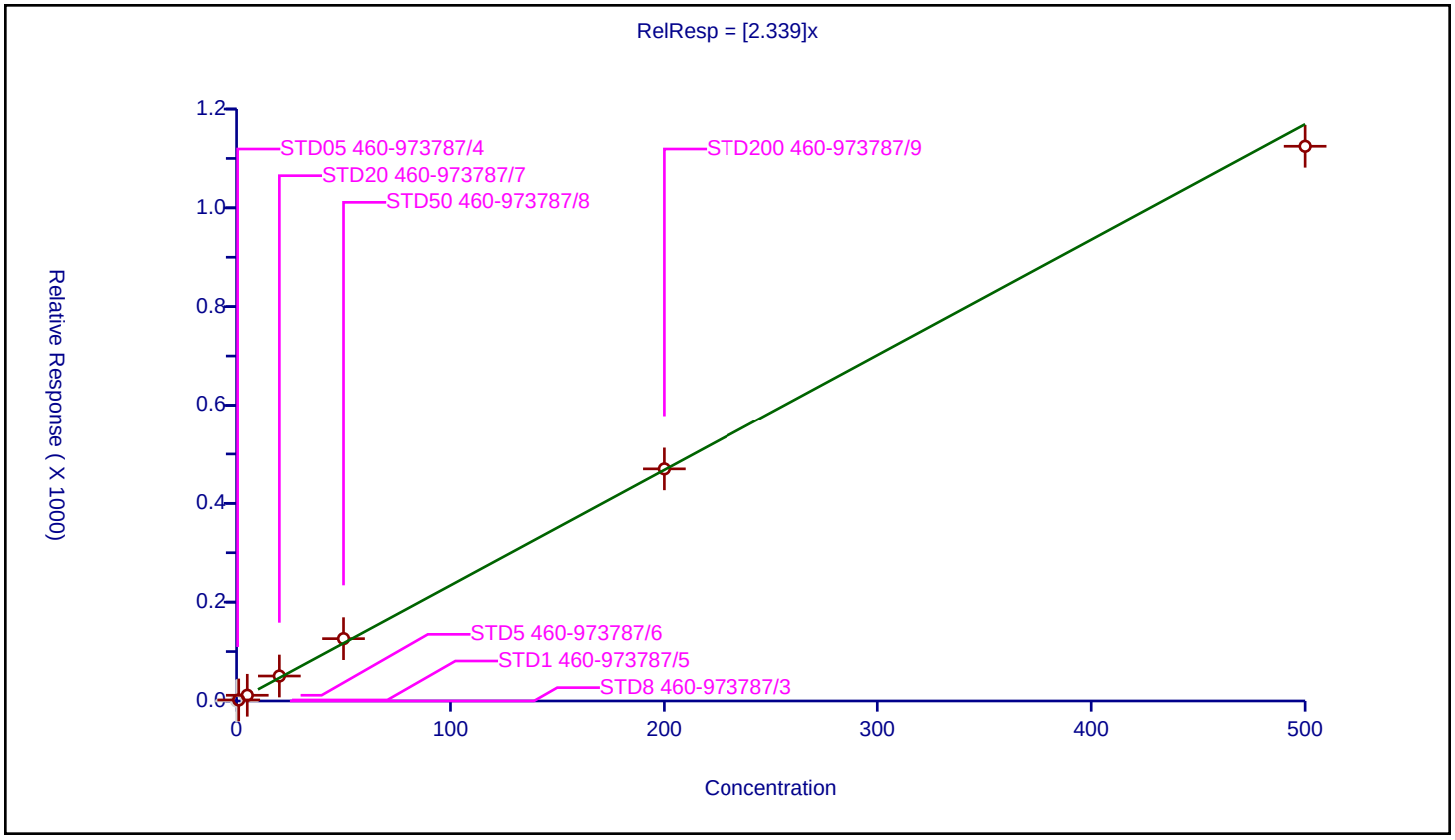
Curve Coefficients

Intercept:	0
Slope:	2.339

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.363051	50.0	215069.0	2.726102	N
3	STD1 460-973787/5	1.0	2.067335	50.0	231796.0	2.067335	Y
4	STD5 460-973787/6	5.0	11.584852	50.0	217055.0	2.31697	Y
5	STD20 460-973787/7	20.0	50.538635	50.0	211089.0	2.526932	Y
6	STD50 460-973787/8	50.0	126.135216	50.0	222799.0	2.522704	Y
7	STD200 460-973787/9	200.0	469.80113	50.0	220798.0	2.349006	Y
8	STD500 460-973787/10	500.0	1124.625883	50.0	230877.0	2.249252	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

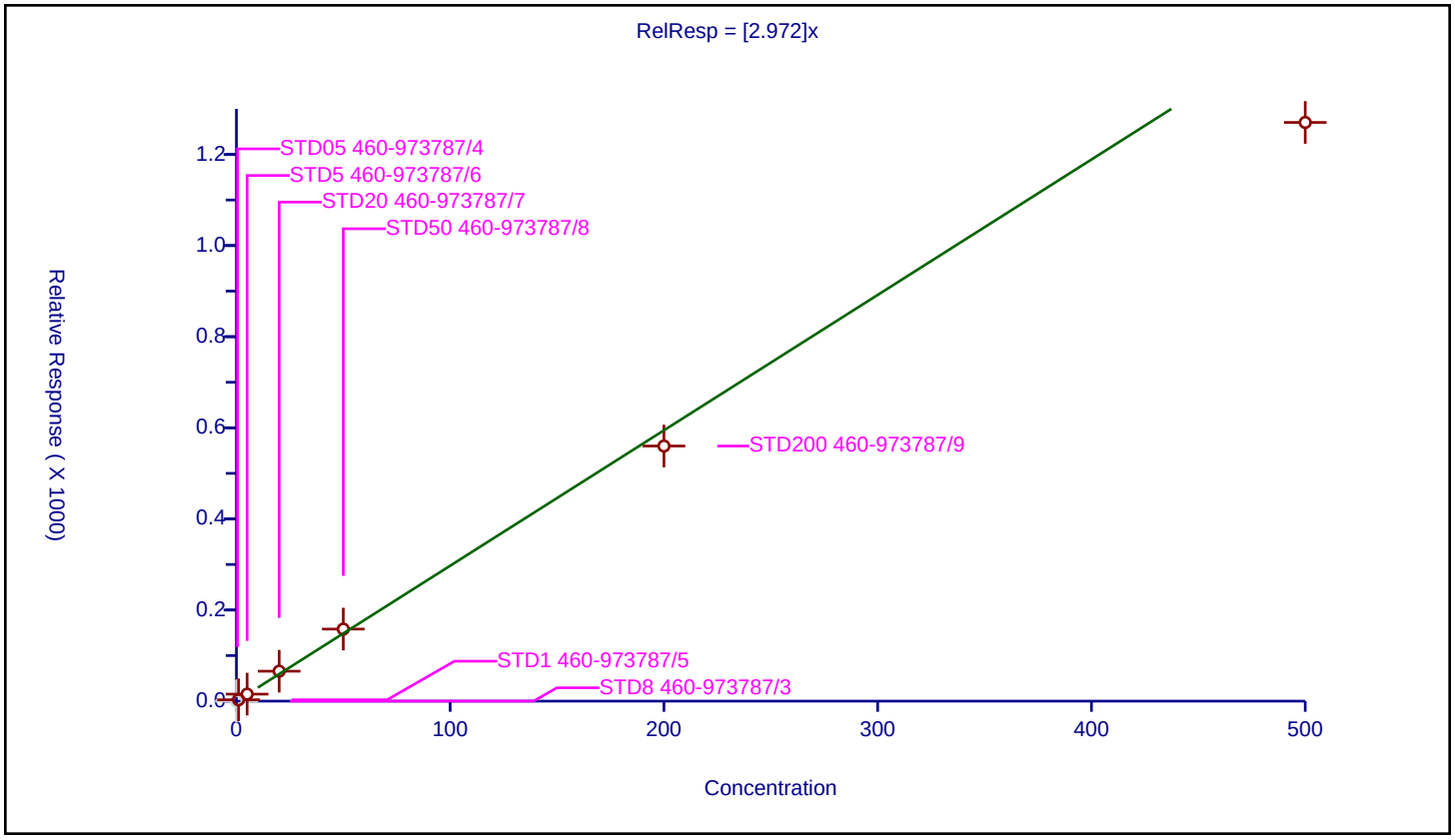
Curve Coefficients

Intercept:	0
Slope:	2.972

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.748741	50.0	215069.0	3.497482	N
3	STD1 460-973787/5	1.0	2.963166	50.0	231796.0	2.963166	Y
4	STD5 460-973787/6	5.0	15.390569	50.0	217055.0	3.078114	Y
5	STD20 460-973787/7	20.0	65.763493	50.0	211089.0	3.288175	Y
6	STD50 460-973787/8	50.0	158.154435	50.0	222799.0	3.163089	Y
7	STD200 460-973787/9	200.0	559.977898	50.0	220798.0	2.799889	Y
8	STD500 460-973787/10	500.0	1270.22224	50.0	230877.0	2.540444	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

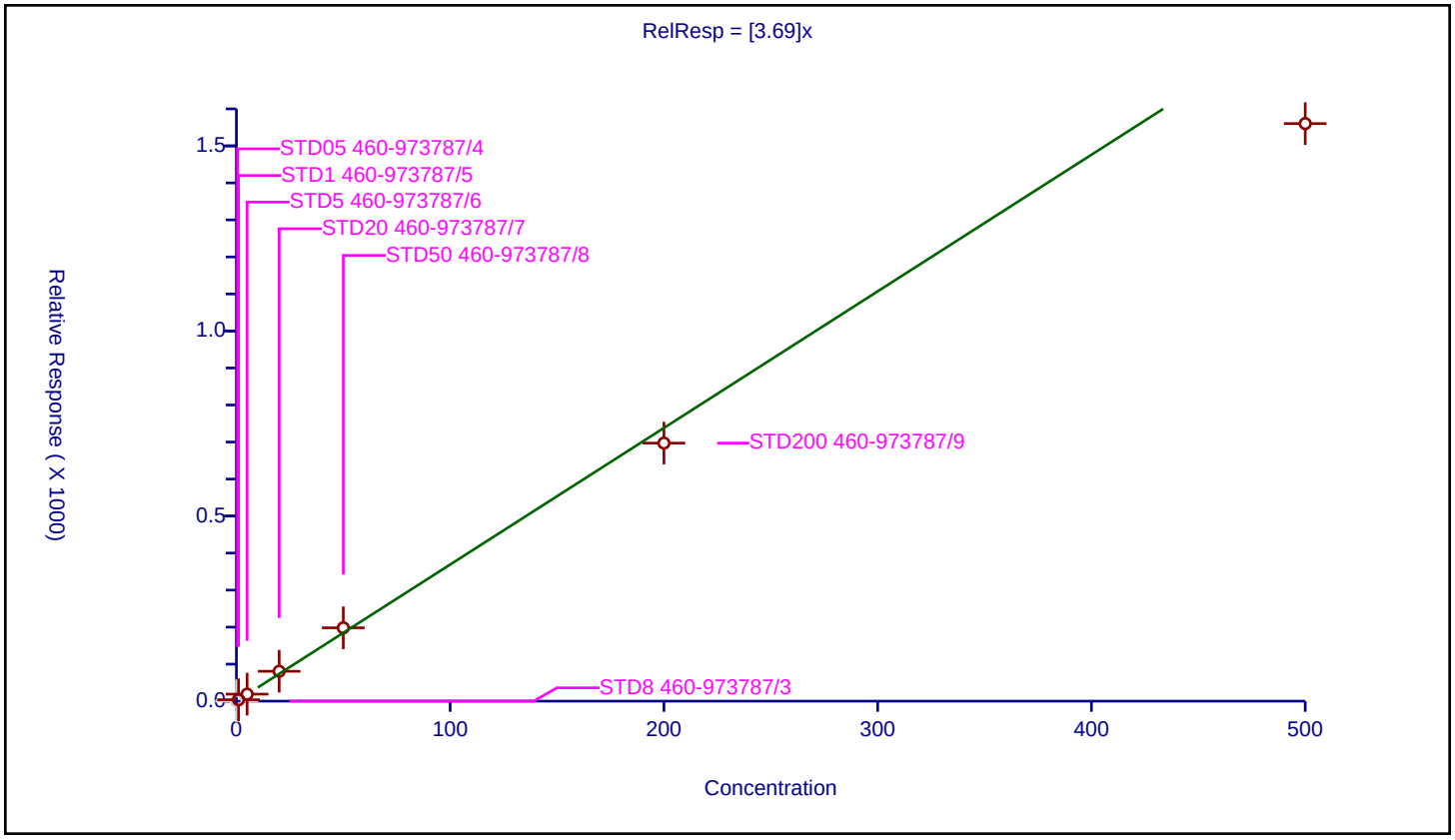
Curve Coefficients

Intercept:	0
Slope:	3.69

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	2.248116	50.0	215069.0	4.496231	N
3	STD1 460-973787/5	1.0	3.761929	50.0	231796.0	3.761929	Y
4	STD5 460-973787/6	5.0	18.884154	50.0	217055.0	3.776831	Y
5	STD20 460-973787/7	20.0	80.684924	50.0	211089.0	4.034246	Y
6	STD50 460-973787/8	50.0	198.14115	50.0	222799.0	3.962823	Y
7	STD200 460-973787/9	200.0	697.093497	50.0	220798.0	3.485467	Y
8	STD500 460-973787/10	500.0	1560.302672	50.0	230877.0	3.120605	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

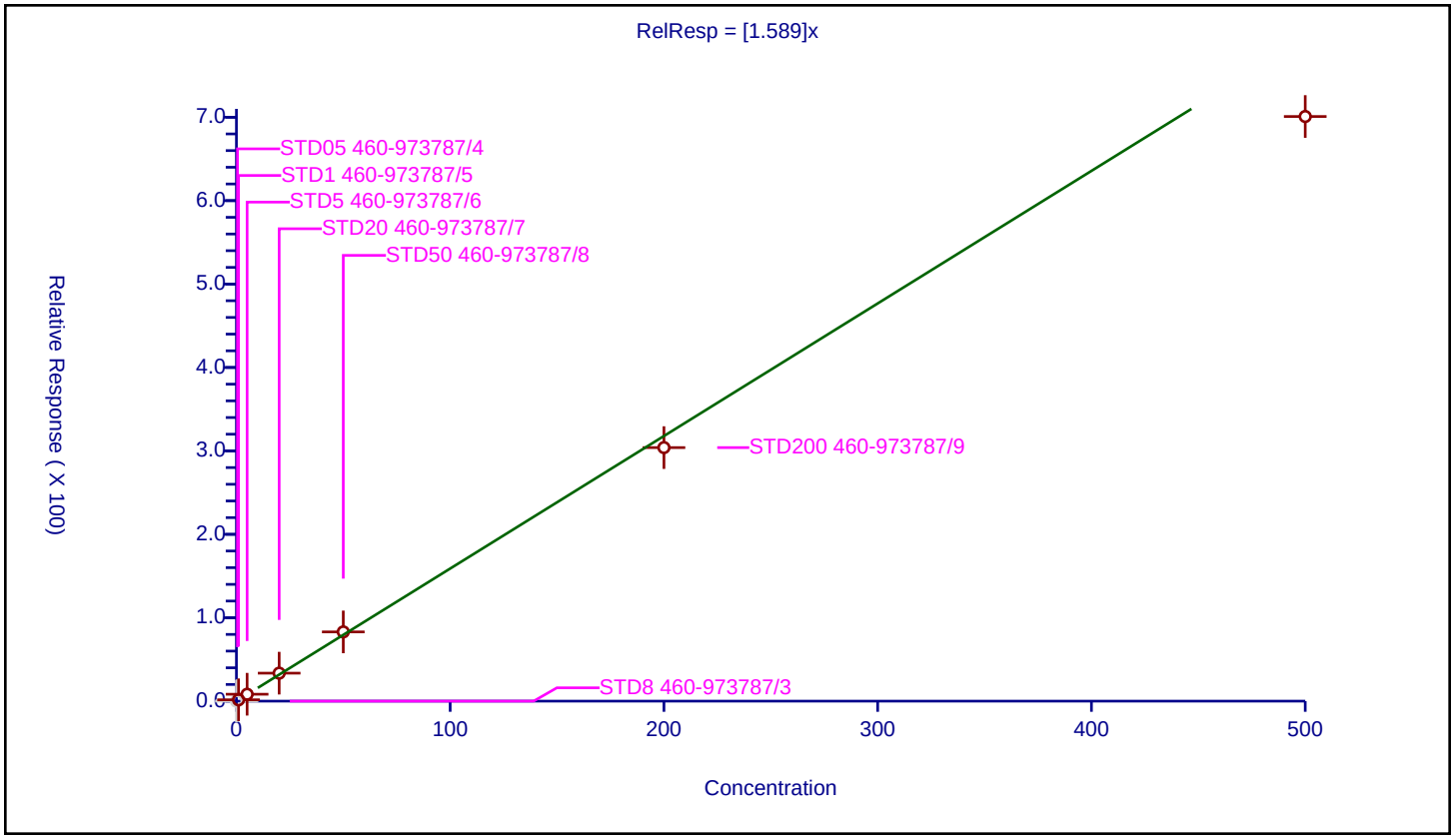
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.900409	50.0	215069.0	1.800817	N
3	STD1 460-973787/5	1.0	1.621685	50.0	231796.0	1.621685	Y
4	STD5 460-973787/6	5.0	8.269563	50.0	217055.0	1.653913	Y
5	STD20 460-973787/7	20.0	33.555278	50.0	211089.0	1.677764	Y
6	STD50 460-973787/8	50.0	83.010696	50.0	222799.0	1.660214	Y
7	STD200 460-973787/9	200.0	303.960181	50.0	220798.0	1.519801	Y
8	STD500 460-973787/10	500.0	700.867128	50.0	230877.0	1.401734	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

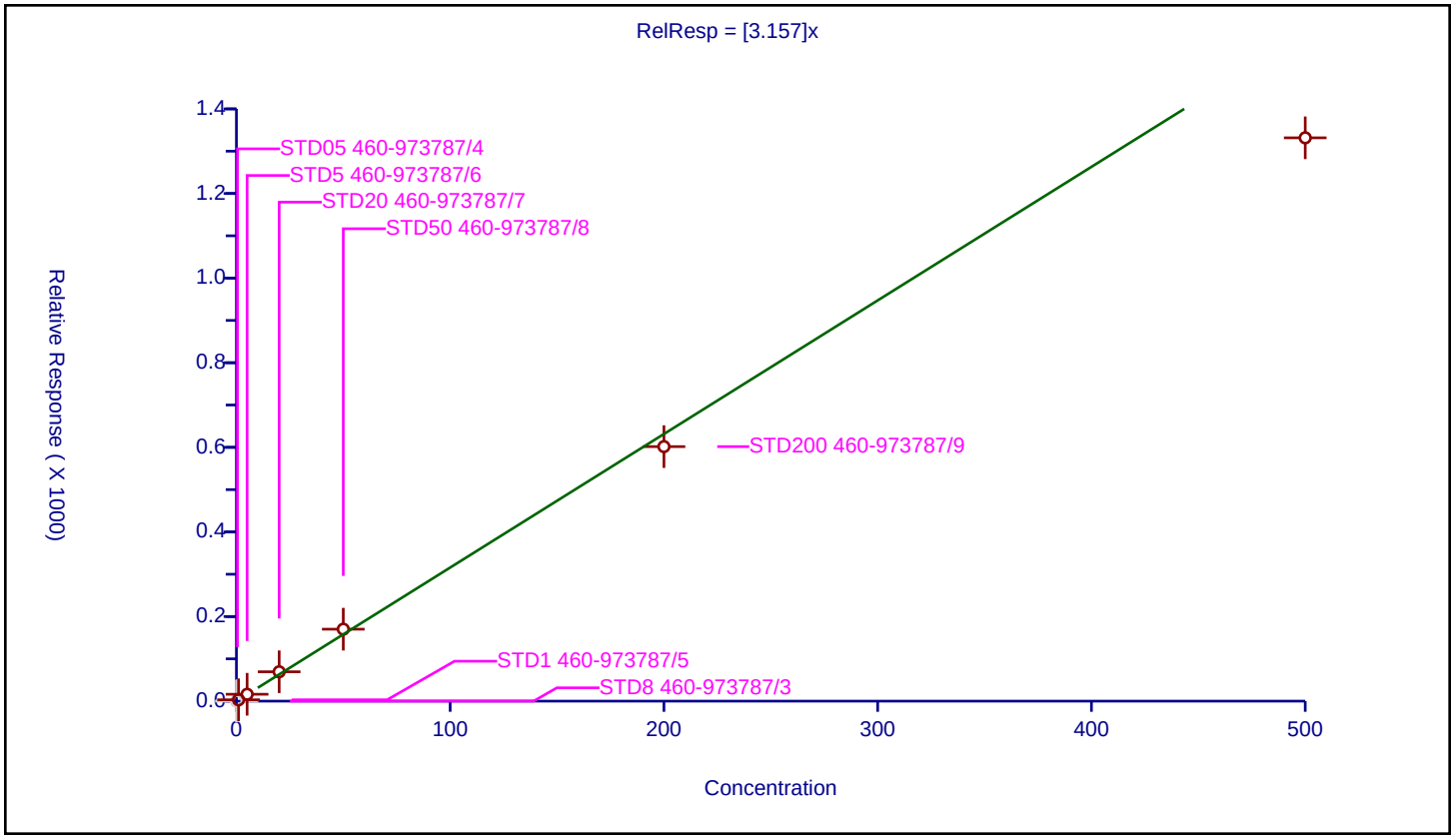
Curve Coefficients

Intercept:	0
Slope:	3.157

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.80384	50.0	215069.0	3.607679	N
3	STD1 460-973787/5	1.0	3.152341	50.0	231796.0	3.152341	Y
4	STD5 460-973787/6	5.0	16.243118	50.0	217055.0	3.248624	Y
5	STD20 460-973787/7	20.0	69.408164	50.0	211089.0	3.470408	Y
6	STD50 460-973787/8	50.0	170.077065	50.0	222799.0	3.401541	Y
7	STD200 460-973787/9	200.0	601.678457	50.0	220798.0	3.008392	Y
8	STD500 460-973787/10	500.0	1331.620733	50.0	230877.0	2.663241	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

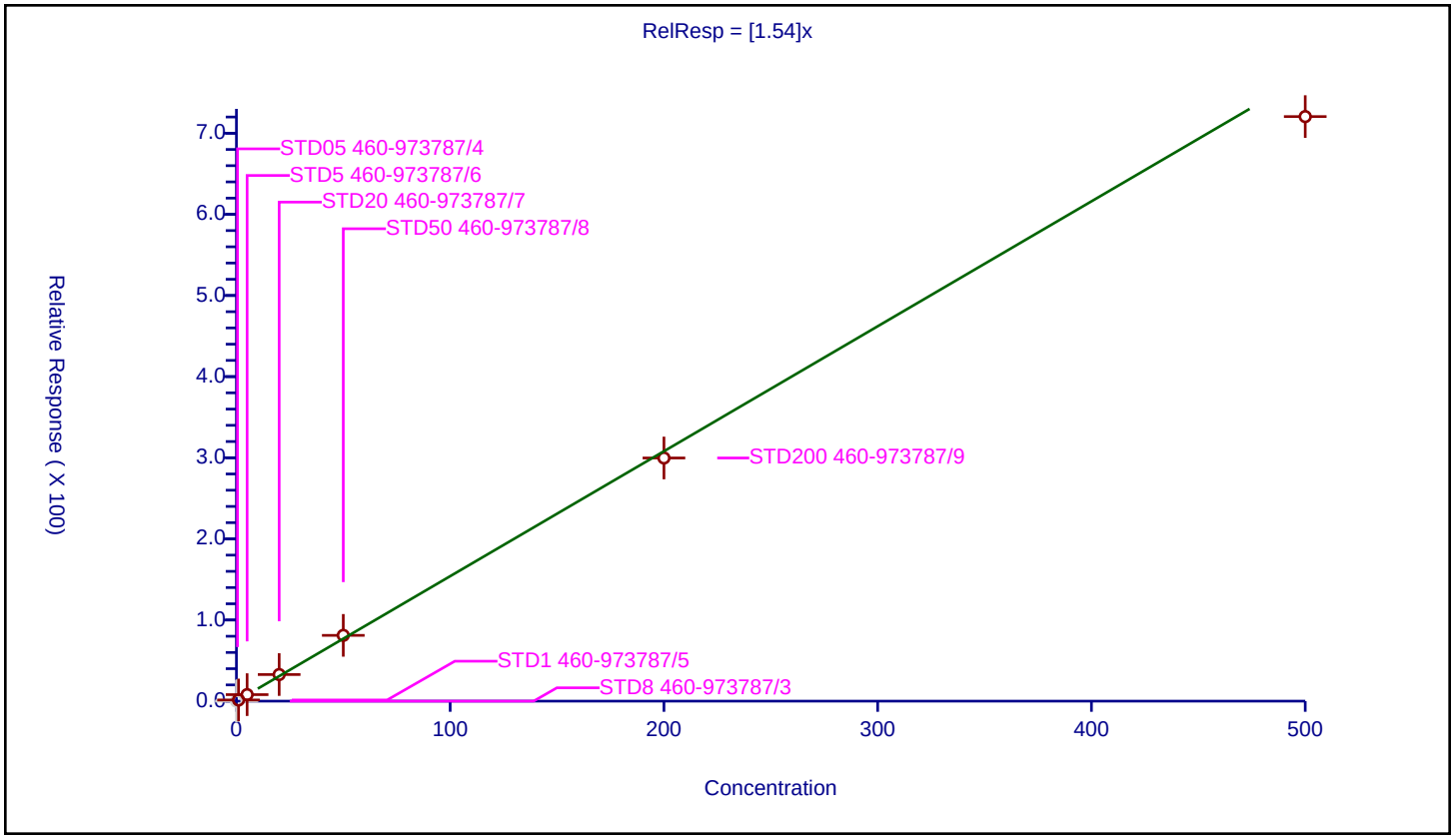
Curve Coefficients

Intercept:	0
Slope:	1.54

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.007816	50.0	215069.0	2.015632	N
3	STD1 460-973787/5	1.0	1.439197	50.0	231796.0	1.439197	Y
4	STD5 460-973787/6	5.0	8.011794	50.0	217055.0	1.602359	Y
5	STD20 460-973787/7	20.0	32.766511	50.0	211089.0	1.638326	Y
6	STD50 460-973787/8	50.0	81.066118	50.0	222799.0	1.621322	Y
7	STD200 460-973787/9	200.0	299.700405	50.0	220798.0	1.498502	Y
8	STD500 460-973787/10	500.0	720.505074	50.0	230877.0	1.44101	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

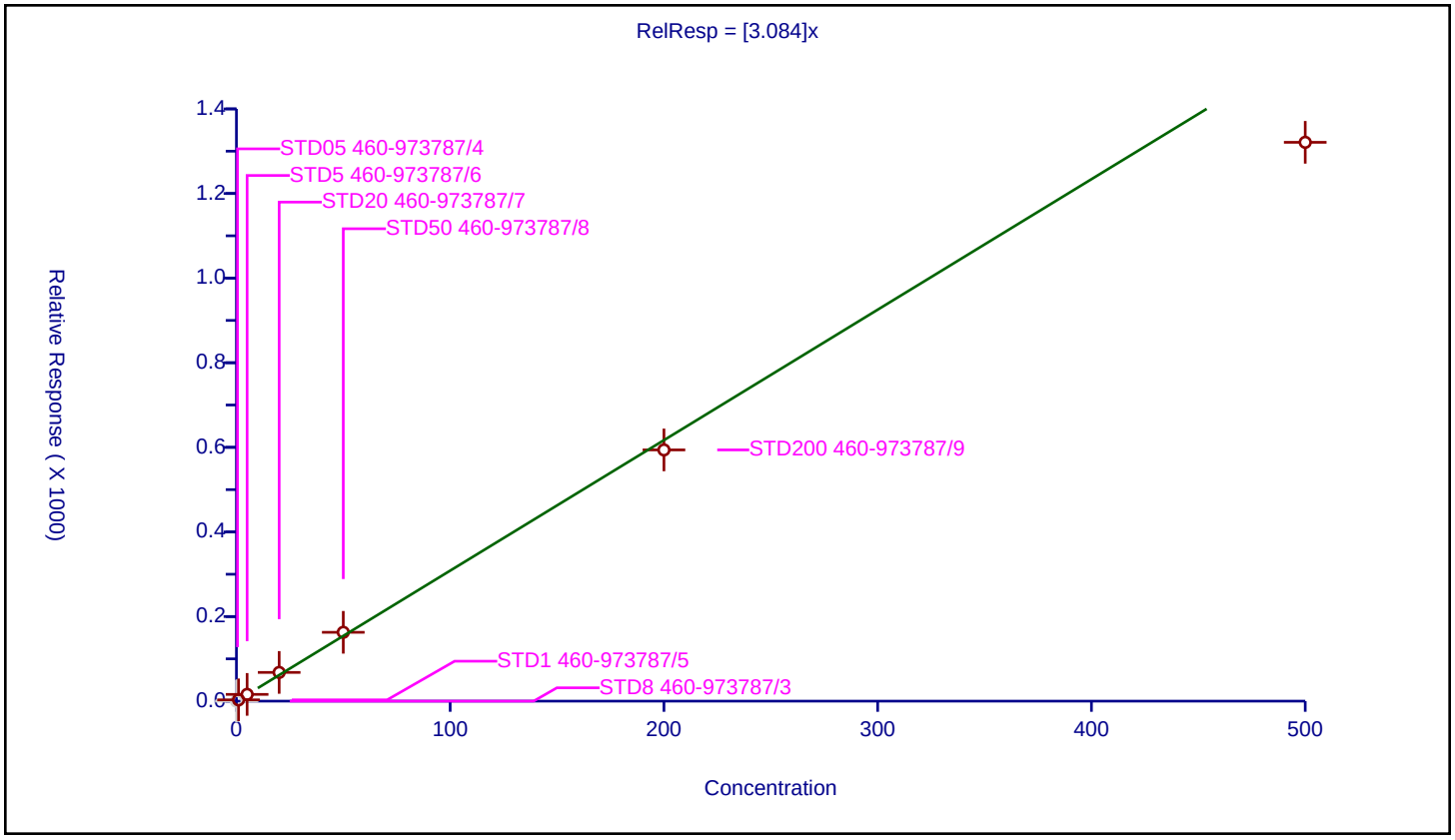
Curve Coefficients

Intercept:	0
Slope:	3.084

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.753158	50.0	215069.0	3.506317	N
3	STD1 460-973787/5	1.0	3.059371	50.0	231796.0	3.059371	Y
4	STD5 460-973787/6	5.0	15.936053	50.0	217055.0	3.187211	Y
5	STD20 460-973787/7	20.0	67.884873	50.0	211089.0	3.394244	Y
6	STD50 460-973787/8	50.0	162.725147	50.0	222799.0	3.254503	Y
7	STD200 460-973787/9	200.0	593.840524	50.0	220798.0	2.969203	Y
8	STD500 460-973787/10	500.0	1320.961161	50.0	230877.0	2.641922	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

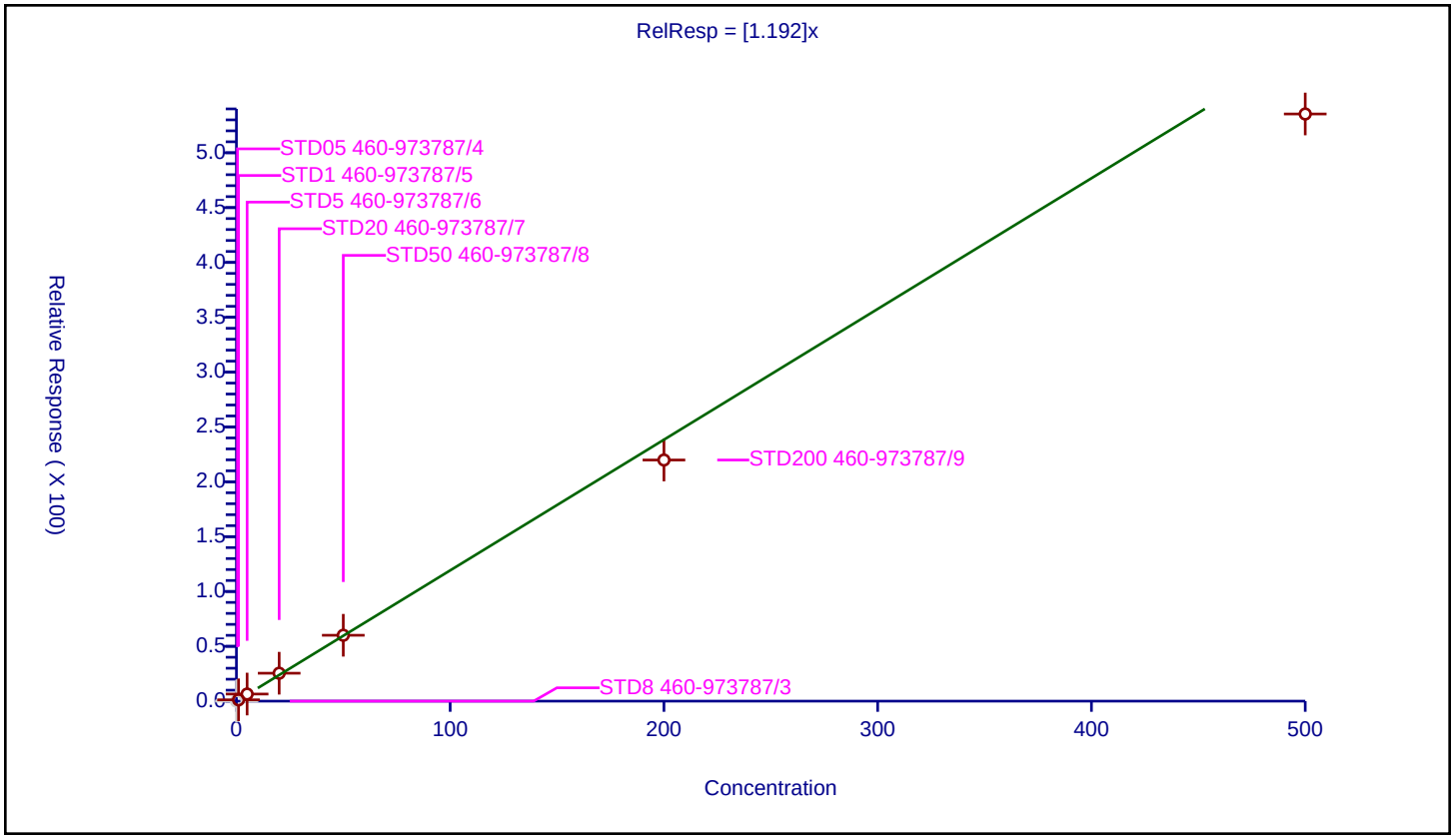
Curve Coefficients

Intercept:	0
Slope:	1.192

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.695358	50.0	215069.0	1.390716	N
3	STD1 460-973787/5	1.0	1.212273	50.0	231796.0	1.212273	Y
4	STD5 460-973787/6	5.0	6.475778	50.0	217055.0	1.295156	Y
5	STD20 460-973787/7	20.0	25.45893	50.0	211089.0	1.272946	Y
6	STD50 460-973787/8	50.0	60.057047	50.0	222799.0	1.201141	Y
7	STD200 460-973787/9	200.0	219.852988	50.0	220798.0	1.099265	Y
8	STD500 460-973787/10	500.0	535.365801	50.0	230877.0	1.070732	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

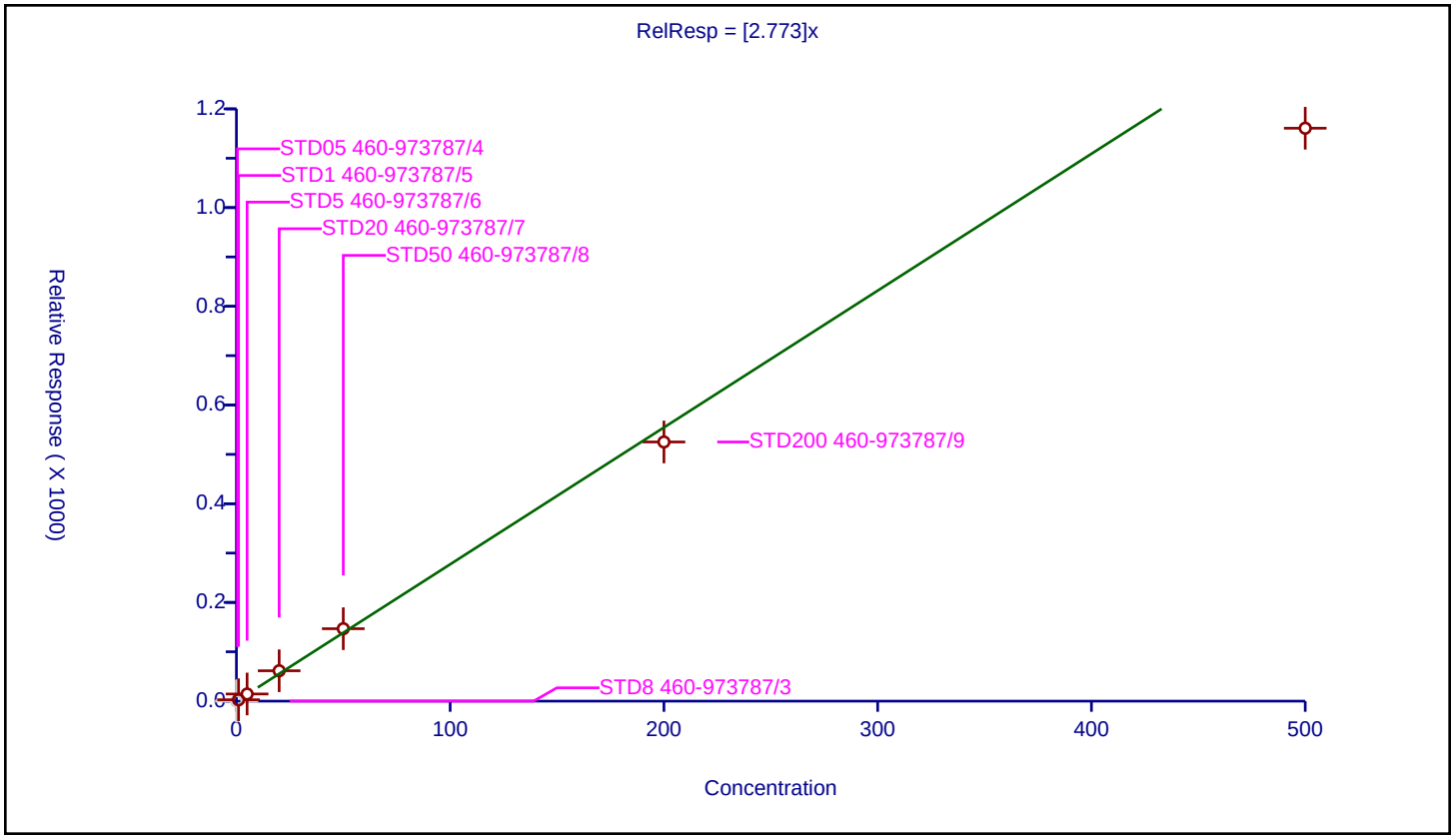
Curve Coefficients

Intercept:	0
Slope:	2.773

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.693178	50.0	215069.0	3.386355	N
3	STD1 460-973787/5	1.0	2.776148	50.0	231796.0	2.776148	Y
4	STD5 460-973787/6	5.0	14.495865	50.0	217055.0	2.899173	Y
5	STD20 460-973787/7	20.0	61.543472	50.0	211089.0	3.077174	Y
6	STD50 460-973787/8	50.0	146.76749	50.0	222799.0	2.93535	Y
7	STD200 460-973787/9	200.0	525.129304	50.0	220798.0	2.625647	Y
8	STD500 460-973787/10	500.0	1160.827843	50.0	230877.0	2.321656	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

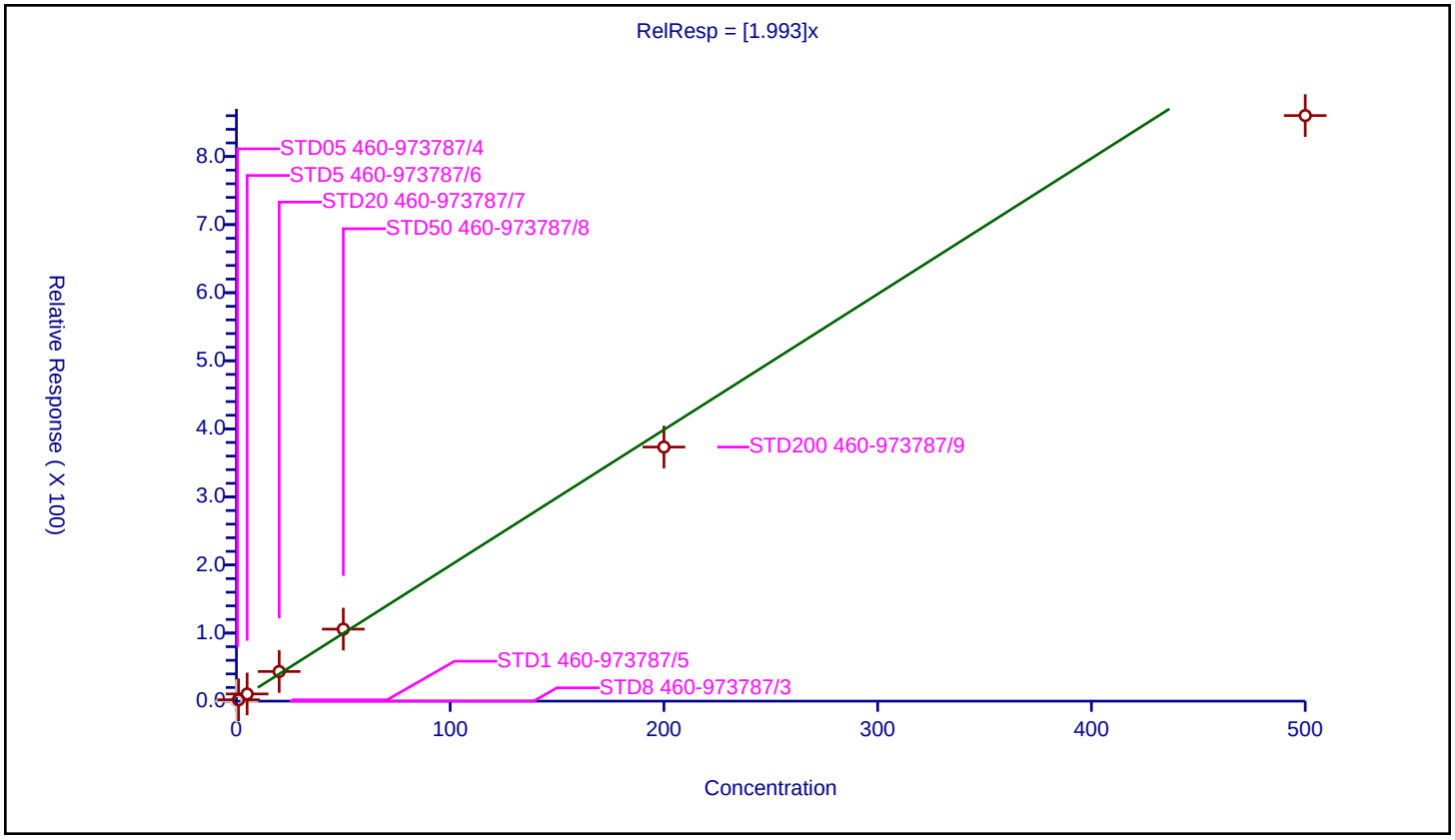
Curve Coefficients

Intercept:	0
Slope:	1.993

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.17102	50.0	215069.0	2.342039	N
3	STD1 460-973787/5	1.0	1.974581	50.0	231796.0	1.974581	Y
4	STD5 460-973787/6	5.0	10.532123	50.0	217055.0	2.106425	Y
5	STD20 460-973787/7	20.0	43.52927	50.0	211089.0	2.176463	Y
6	STD50 460-973787/8	50.0	105.785035	50.0	222799.0	2.115701	Y
7	STD200 460-973787/9	200.0	373.274214	50.0	220798.0	1.866371	Y
8	STD500 460-973787/10	500.0	860.195472	50.0	230877.0	1.720391	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

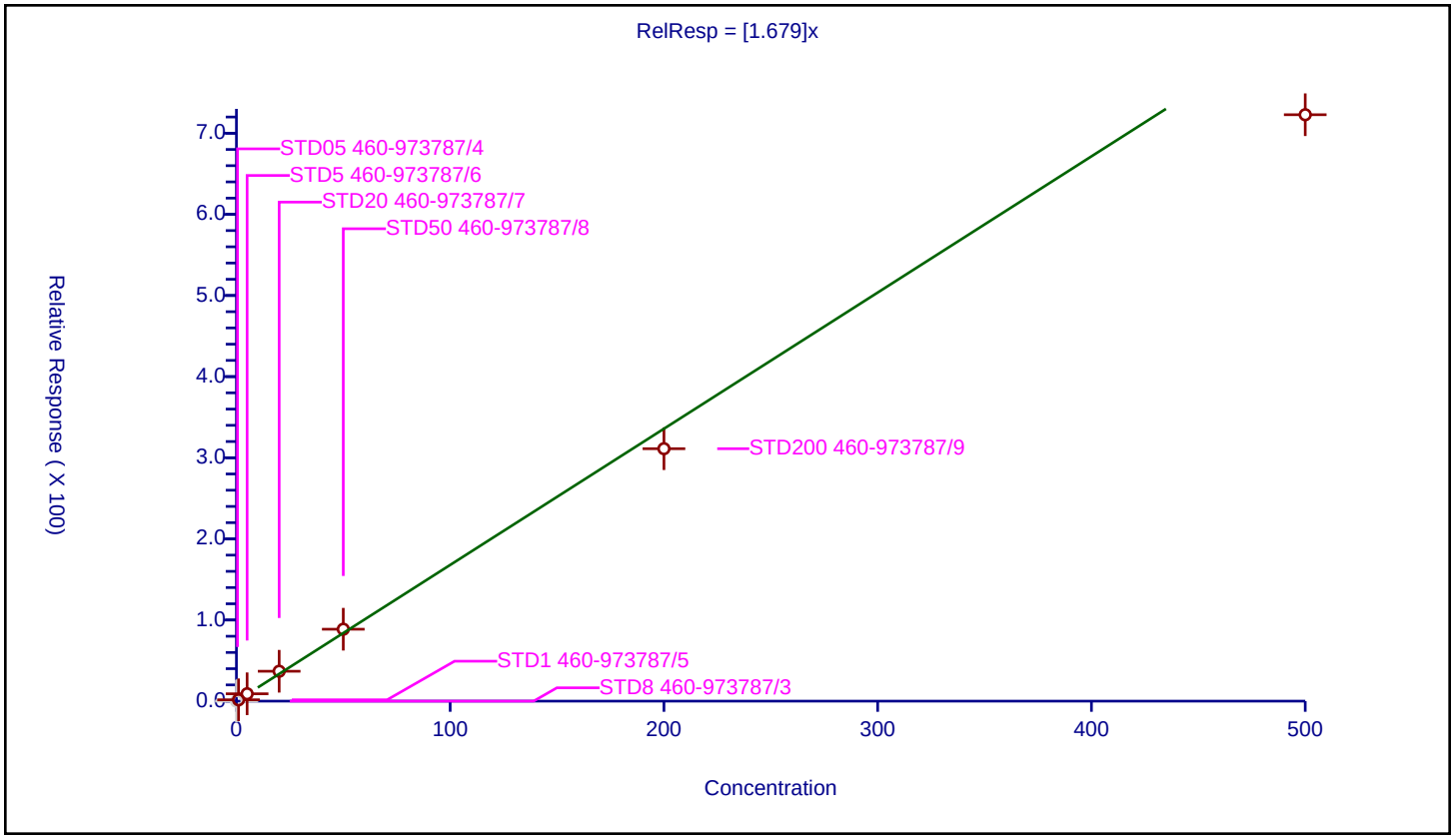
Curve Coefficients

Intercept:	0
Slope:	1.679

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.114526	50.0	215069.0	2.229052	N
3	STD1 460-973787/5	1.0	1.642824	50.0	231796.0	1.642824	Y
4	STD5 460-973787/6	5.0	9.064523	50.0	217055.0	1.812905	Y
5	STD20 460-973787/7	20.0	36.846543	50.0	211089.0	1.842327	Y
6	STD50 460-973787/8	50.0	88.639312	50.0	222799.0	1.772786	Y
7	STD200 460-973787/9	200.0	311.162012	50.0	220798.0	1.55581	Y
8	STD500 460-973787/10	500.0	722.800669	50.0	230877.0	1.445601	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

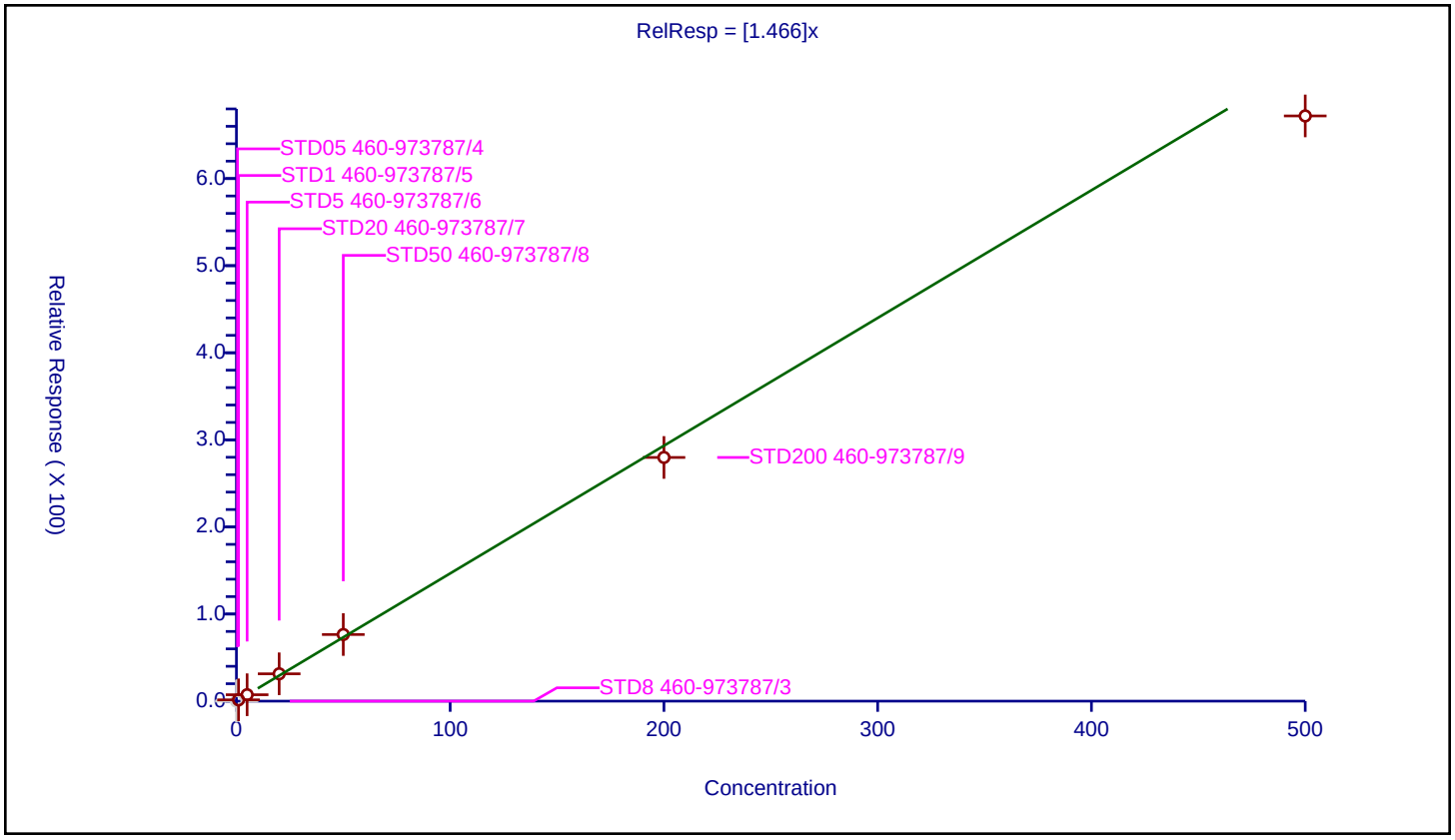
Curve Coefficients

Intercept:	0
Slope:	1.466

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.868326	50.0	215069.0	1.736652	N
3	STD1 460-973787/5	1.0	1.481907	50.0	231796.0	1.481907	Y
4	STD5 460-973787/6	5.0	7.368179	50.0	217055.0	1.473636	Y
5	STD20 460-973787/7	20.0	31.404763	50.0	211089.0	1.570238	Y
6	STD50 460-973787/8	50.0	76.508647	50.0	222799.0	1.530173	Y
7	STD200 460-973787/9	200.0	279.801447	50.0	220798.0	1.399007	Y
8	STD500 460-973787/10	500.0	671.930292	50.0	230877.0	1.343861	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

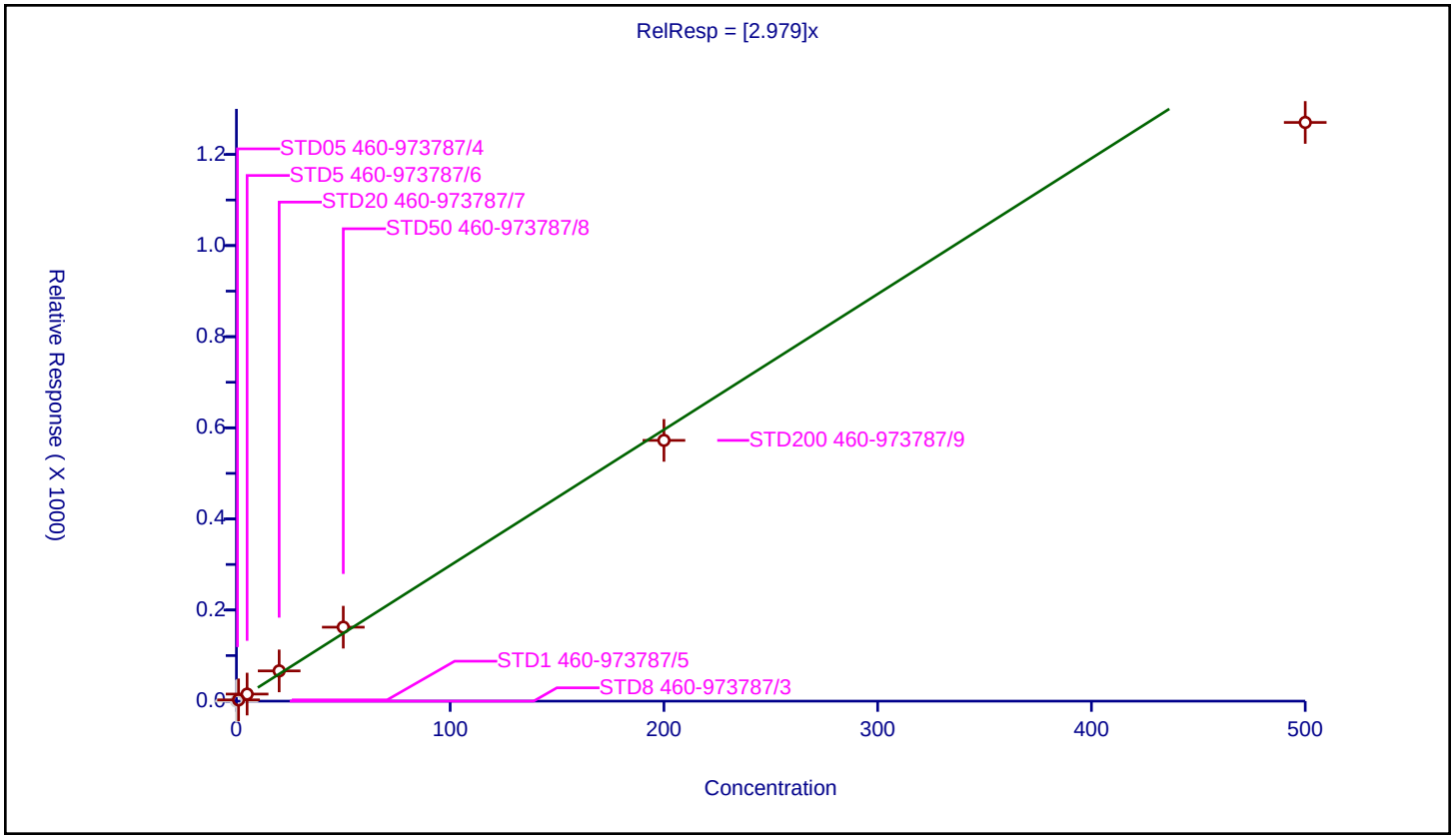
Curve Coefficients

Intercept:	0
Slope:	2.979

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.729445	50.0	215069.0	3.45889	N
3	STD1 460-973787/5	1.0	2.805484	50.0	231796.0	2.805484	Y
4	STD5 460-973787/6	5.0	15.492387	50.0	217055.0	3.098477	Y
5	STD20 460-973787/7	20.0	66.389296	50.0	211089.0	3.319465	Y
6	STD50 460-973787/8	50.0	162.32344	50.0	222799.0	3.246469	Y
7	STD200 460-973787/9	200.0	572.376788	50.0	220798.0	2.861884	Y
8	STD500 460-973787/10	500.0	1270.237616	50.0	230877.0	2.540475	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

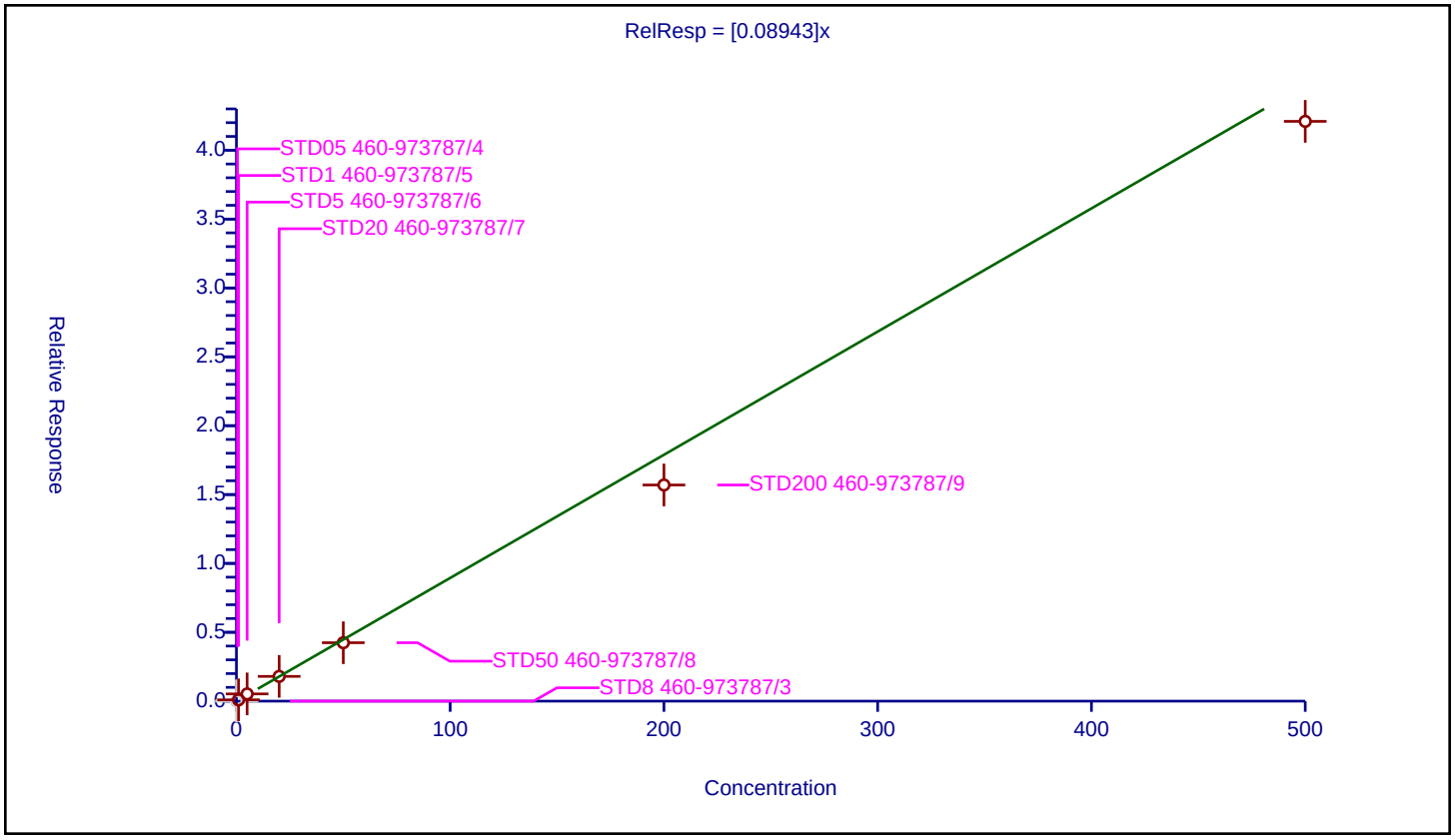
Curve Coefficients

Intercept:	0
Slope:	0.08943

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.057423	50.0	215069.0	0.114847	N
3	STD1 460-973787/5	1.0	0.094048	50.0	231796.0	0.094048	Y
4	STD5 460-973787/6	5.0	0.525904	50.0	217055.0	0.105181	Y
5	STD20 460-973787/7	20.0	1.797583	50.0	211089.0	0.089879	Y
6	STD50 460-973787/8	50.0	4.24194	50.0	222799.0	0.084839	Y
7	STD200 460-973787/9	200.0	15.694209	50.0	220798.0	0.078471	Y
8	STD500 460-973787/10	500.0	42.094708	50.0	230877.0	0.084189	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

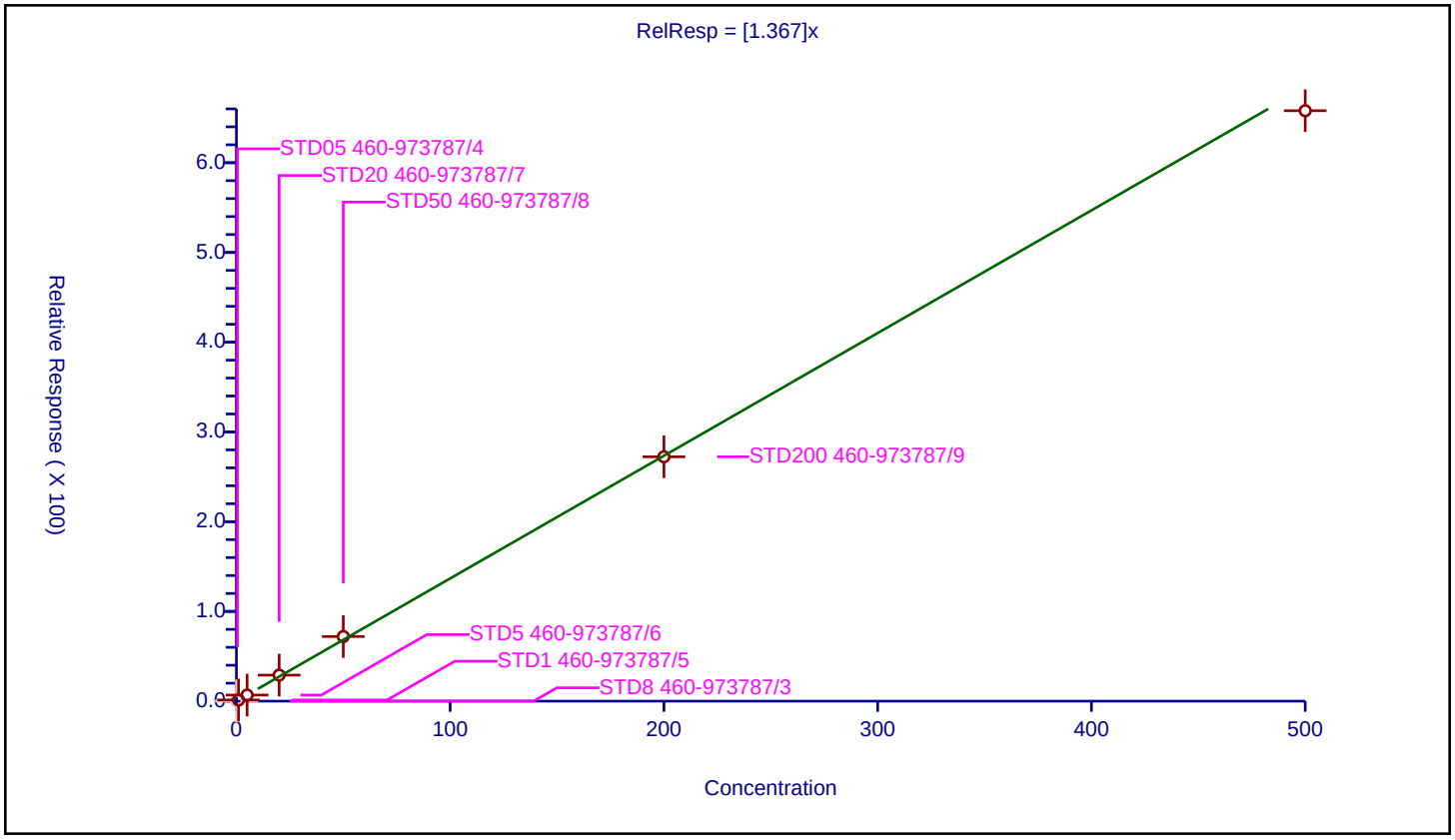
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.780215	50.0	215069.0	1.560429	N
3	STD1 460-973787/5	1.0	1.278063	50.0	231796.0	1.278063	Y
4	STD5 460-973787/6	5.0	6.786068	50.0	217055.0	1.357214	Y
5	STD20 460-973787/7	20.0	29.019039	50.0	211089.0	1.450952	Y
6	STD50 460-973787/8	50.0	72.01132	50.0	222799.0	1.440226	Y
7	STD200 460-973787/9	200.0	272.295718	50.0	220798.0	1.361479	Y
8	STD500 460-973787/10	500.0	657.938426	50.0	230877.0	1.315877	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

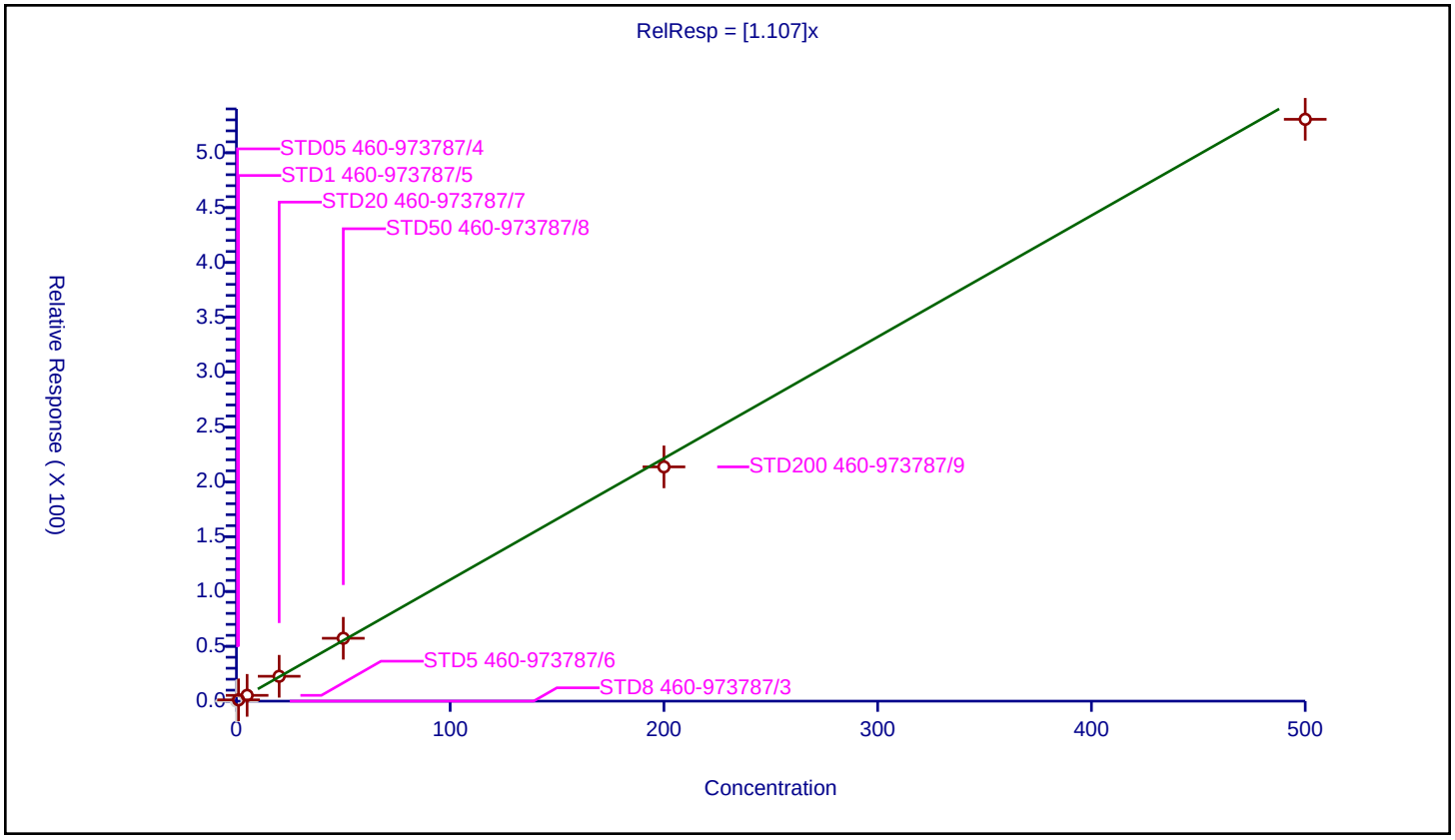
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.636075	50.0	215069.0	1.27215	N
3	STD1 460-973787/5	1.0	1.176681	50.0	231796.0	1.176681	Y
4	STD5 460-973787/6	5.0	5.277234	50.0	217055.0	1.055447	Y
5	STD20 460-973787/7	20.0	22.680954	50.0	211089.0	1.134048	Y
6	STD50 460-973787/8	50.0	57.327905	50.0	222799.0	1.146558	Y
7	STD200 460-973787/9	200.0	213.589118	50.0	220798.0	1.067946	Y
8	STD500 460-973787/10	500.0	530.499573	50.0	230877.0	1.060999	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

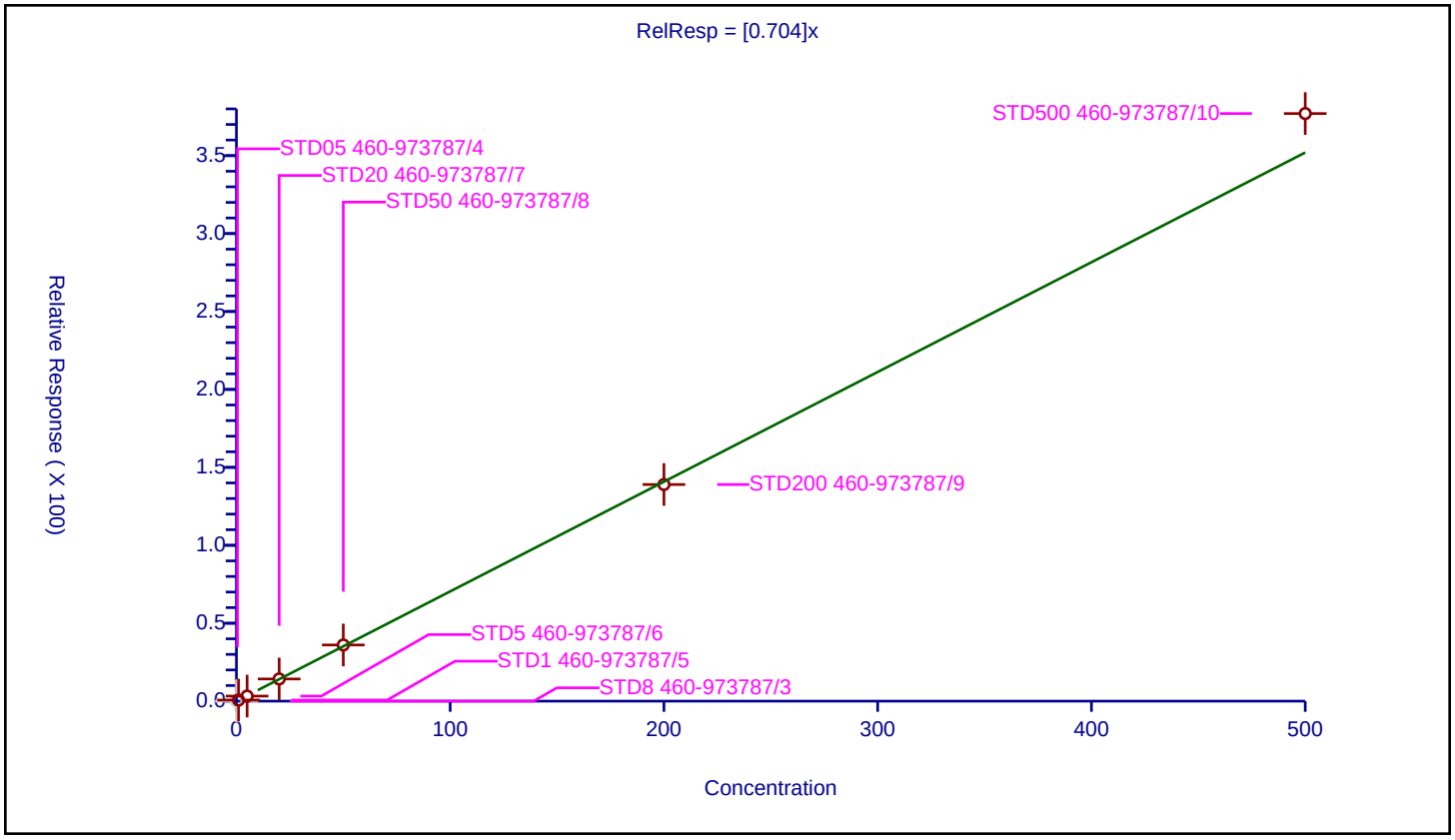
Curve Coefficients

Intercept:	0
Slope:	0.704

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.472871	50.0	215069.0	0.945743	N
3	STD1 460-973787/5	1.0	0.691556	50.0	231796.0	0.691556	Y
4	STD5 460-973787/6	5.0	3.256087	50.0	217055.0	0.651217	Y
5	STD20 460-973787/7	20.0	14.229306	50.0	211089.0	0.711465	Y
6	STD50 460-973787/8	50.0	36.03562	50.0	222799.0	0.720712	Y
7	STD200 460-973787/9	200.0	138.990842	50.0	220798.0	0.694954	Y
8	STD500 460-973787/10	500.0	377.004855	50.0	230877.0	0.75401	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

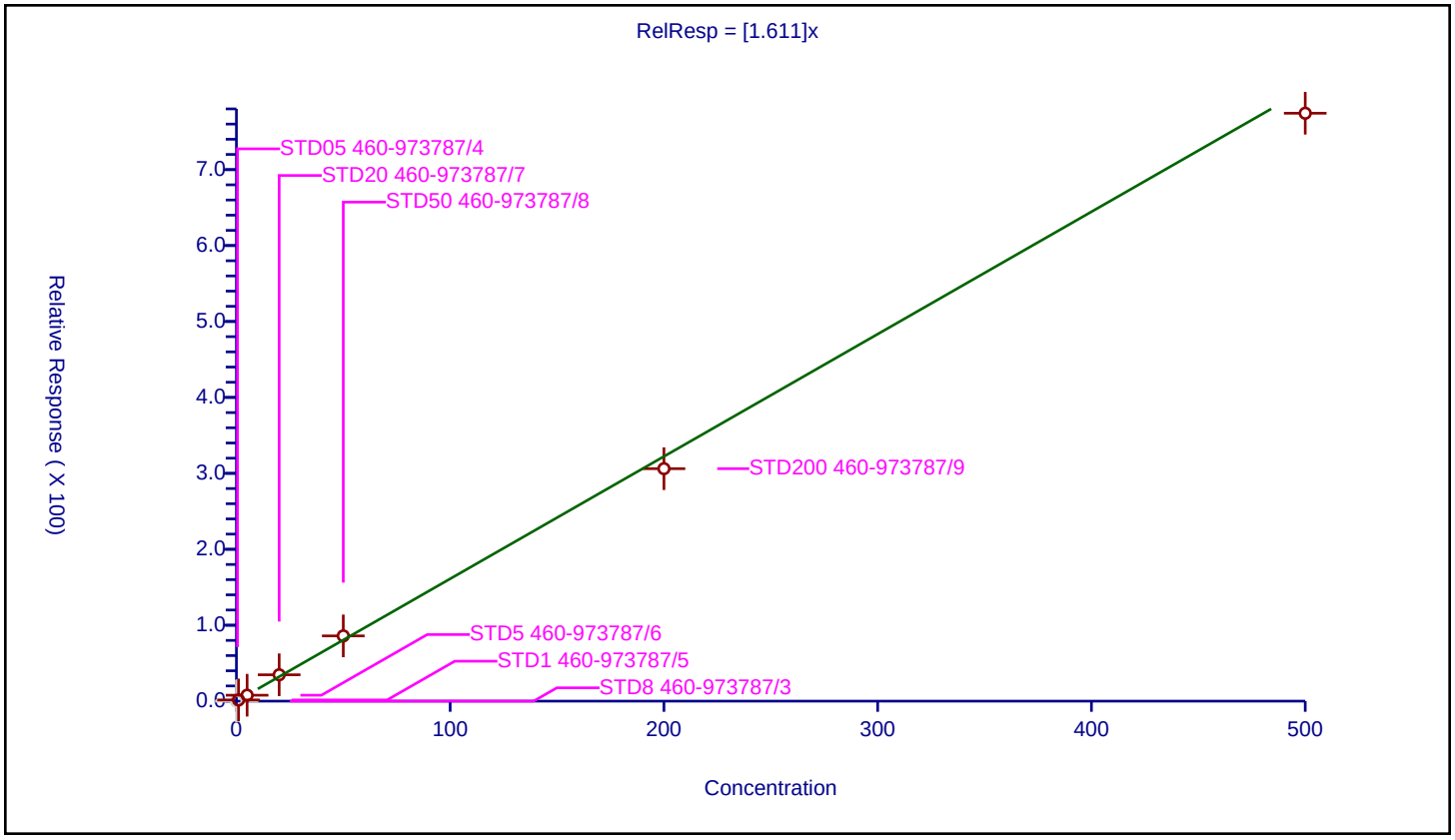
Curve Coefficients

Intercept:	0
Slope:	1.611

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.956205	50.0	215069.0	1.91241	N
3	STD1 460-973787/5	1.0	1.576386	50.0	231796.0	1.576386	Y
4	STD5 460-973787/6	5.0	7.792956	50.0	217055.0	1.558591	Y
5	STD20 460-973787/7	20.0	34.697924	50.0	211089.0	1.734896	Y
6	STD50 460-973787/8	50.0	85.926777	50.0	222799.0	1.718536	Y
7	STD200 460-973787/9	200.0	306.162646	50.0	220798.0	1.530813	Y
8	STD500 460-973787/10	500.0	774.277862	50.0	230877.0	1.548556	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

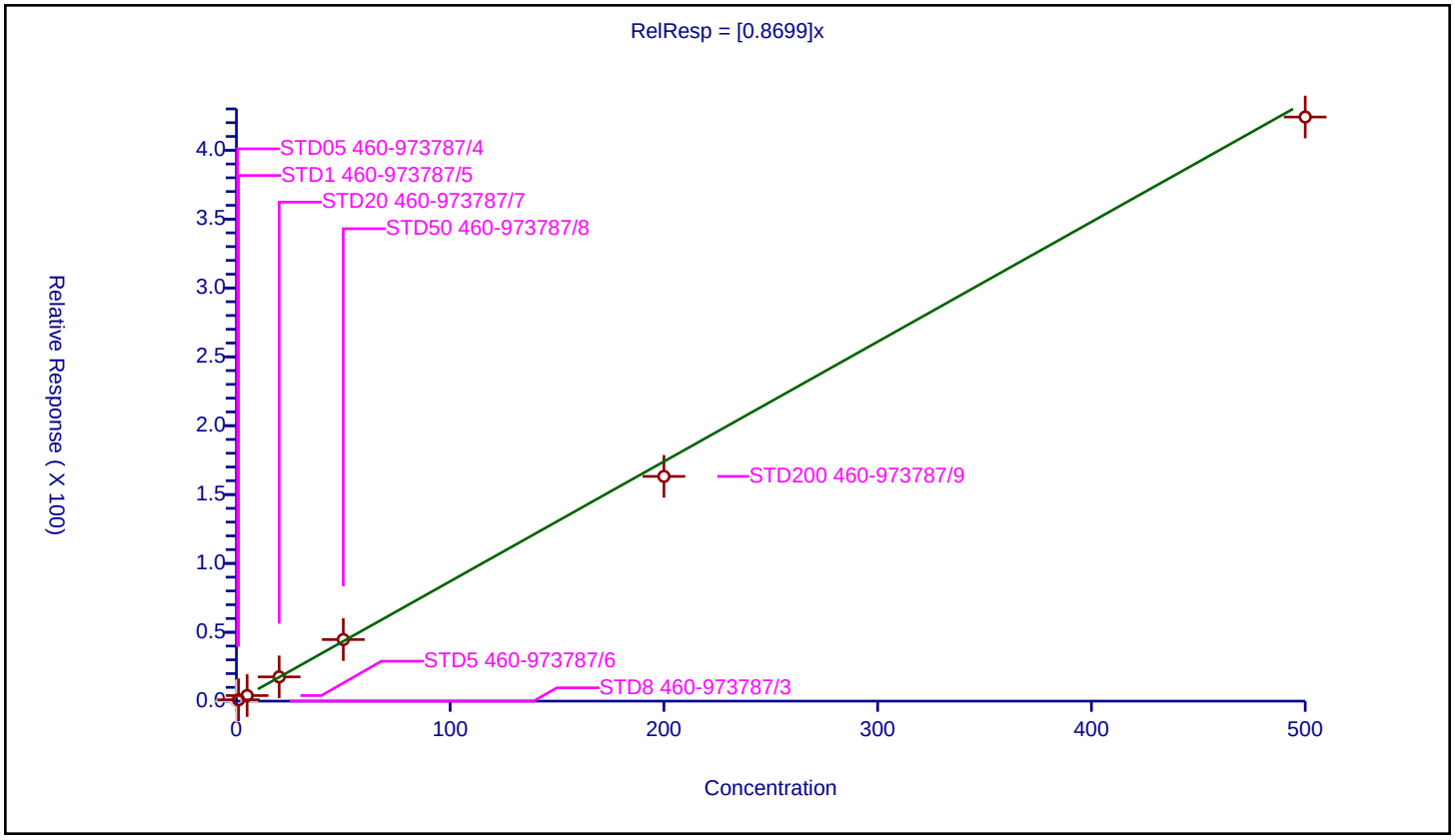
Curve Coefficients

Intercept:	0
Slope:	0.8699

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.565632	50.0	215069.0	1.131265	N
3	STD1 460-973787/5	1.0	0.97176	50.0	231796.0	0.97176	Y
4	STD5 460-973787/6	5.0	4.041602	50.0	217055.0	0.80832	Y
5	STD20 460-973787/7	20.0	17.613661	50.0	211089.0	0.880683	Y
6	STD50 460-973787/8	50.0	44.71968	50.0	222799.0	0.894394	Y
7	STD200 460-973787/9	200.0	163.178108	50.0	220798.0	0.815891	Y
8	STD500 460-973787/10	500.0	424.107425	50.0	230877.0	0.848215	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-970718/21 Calibration Date: 04/21/2024 17:07

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T676843.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0248		36.0	20.0	80.2*	30.0
Chlorotrifluoroethene	Ave	0.0716	0.1085		30.3	20.0	51.6*	30.0
1,1-Difluoroethane	Ave	0.1691	0.1785		21.1	20.0	5.6	30.0
Dichlorodifluoromethane	Ave	0.4347	0.3424	0.1000	15.8	20.0	-21.2	30.0
Chlorodifluoromethane	Ave	0.0620	0.0495		16.0	20.0	-20.1	30.0
Chloromethane	Ave	0.4441	0.3899	0.1000	17.6	20.0	-12.2	30.0
Vinyl chloride	Ave	0.4065	0.3998	0.1000	19.7	20.0	-1.6	30.0
Butadiene	Ave	0.3213	0.3229		20.1	20.0	0.5	30.0
Bromomethane	QuaF		0.1044	0.1000	14.3	20.0	-28.6	30.0
Chloroethane	Ave	2.299	2.198	0.1000	19.1	20.0	-4.4	30.0
Dichlorofluoromethane	Ave	0.7119	0.7531		21.2	20.0	5.8	30.0
Trichlorofluoromethane	Ave	0.5454	0.5974	0.1000	21.9	20.0	9.5	30.0
Pentane	Ave	0.0602	0.0558		37.0	40.0	-7.4	30.0
Ethanol	Ave	0.4253	0.5108		961	800	20.1	30.0
Ethyl ether	Qua2		0.3157		22.8	20.0	14.2	30.0
2-Methyl-1,3-butadiene	Ave	0.2682	0.2893		21.6	20.0	7.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2781	0.3069		22.1	20.0	10.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4739	0.4899		20.7	20.0	3.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3093	0.3748	0.1000	24.2	20.0	21.2	30.0
Acrolein	Ave	0.0653	0.0410		24.8	39.5	-37.2*	30.0
1,1-Dichloroethene	Ave	0.3275	0.3669	0.1000	22.4	20.0	12.0	30.0
Acetone	Ave	0.8548	0.8600	0.0500	101	100	0.6	30.0
Iodomethane	Ave	0.3379	0.4932		29.2	20.0	46.0*	30.0
Isopropyl alcohol	Ave	5.130	5.460		213	200	6.4	30.0
Carbon disulfide	Ave	1.148	1.288	0.1000	22.5	20.0	12.3	30.0
3-Chloro-1-propene	Ave	0.2141	0.2336		21.8	20.0	9.1	30.0
Methyl acetate	Ave	0.2310	0.2846	0.1000	49.3	40.0	23.2	30.0
Cyclopentene	Ave	0.6548	0.6930		21.2	20.0	5.8	30.0
Acetonitrile	Ave	0.3393	0.4066		240	200	19.8	30.0
Methylene Chloride	Ave	0.3979	0.4344	0.1000	21.8	20.0	9.2	30.0
2-Methyl-2-propanol	Ave	7.576	8.696		230	200	14.8	30.0
Methyl tert-butyl ether	Ave	0.8750	1.037	0.1000	23.7	20.0	18.6	30.0
trans-1,2-Dichloroethene	Ave	0.3822	0.4144	0.1000	21.7	20.0	8.4	30.0
Acrylonitrile	Ave	0.1235	0.1491		242	200	20.8	30.0
Hexane	Ave	0.4371	0.4674		21.4	20.0	6.9	30.0
Isopropyl ether	Ave	1.003	1.131		22.6	20.0	12.8	30.0
1,1-Dichloroethane	Ave	0.6212	0.7123	0.2000	22.9	20.0	14.7	30.0
Vinyl acetate	Ave	0.5867	0.6602		45.0	40.0	12.5	30.0
2-Chloro-1,3-butadiene	Ave	0.3103	0.3480		22.4	20.0	12.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-970718/21 Calibration Date: 04/21/2024 17:07

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T676843.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9210	1.072		23.3	20.0	16.4	30.0
2,2-Dichloropropane	Ave	0.1357	0.1441		21.2	20.0	6.2	30.0
cis-1,2-Dichloroethene	Ave	0.4165	0.4588	0.1000	22.0	20.0	10.2	30.0
Methyl Ethyl Ketone	Ave	0.3421	0.3920	0.0500	115	100	14.6	30.0
Ethyl acetate	Ave	0.3086	0.3651		47.3	40.0	18.3	30.0
Methyl acrylate	Ave	0.2957	0.3390		22.9	20.0	14.7	30.0
Propionitrile	Ave	0.0464	0.0555		239	200	19.6	30.0
Tetrahydrofuran	Ave	0.3599	0.4010		44.6	40.0	11.4	30.0
Chlorobromomethane	Ave	0.1942	0.2280		23.5	20.0	17.4	30.0
Methacrylonitrile	Ave	0.1320	0.1594		241	200	20.7	30.0
Chloroform	Ave	0.6077	0.7102	0.2000	23.4	20.0	16.9	30.0
Cyclohexane	Ave	0.4665	0.5465	0.1000	23.4	20.0	17.1	30.0
1,1,1-Trichloroethane	Ave	0.5329	0.6167	0.1000	23.1	20.0	15.7	30.0
Carbon tetrachloride	Ave	0.4973	0.5658	0.1000	22.8	20.0	13.8	30.0
1,1-Dichloropropene	Ave	0.4949	0.5385		21.8	20.0	8.8	30.0
Isobutyl alcohol	Ave	4.956	5.622		567	500	13.4	30.0
Isooctane	Ave	0.7217	0.8385		23.2	20.0	16.2	30.0
Benzene	Ave	1.741	1.979	0.5000	22.7	20.0	13.7	30.0
Isopropyl acetate	Ave	0.1764	0.1937		22.0	20.0	9.8	30.0
Tert-amyl methyl ether	Ave	0.8801	1.060		24.1	20.0	20.4	30.0
1,2-Dichloroethane	Ave	0.4183	0.4776	0.1000	22.8	20.0	14.2	30.0
n-Heptane	Ave	0.3007	0.3466		23.1	20.0	15.3	30.0
n-Butanol	Ave	2.153	2.399		557	500	11.4	30.0
Trichloroethene	Ave	0.3892	0.4478	0.2000	23.0	20.0	15.1	30.0
Methylcyclohexane	Ave	0.4747	0.5636	0.1000	23.7	20.0	18.7	30.0
Ethyl acrylate	Ave	0.7439	0.8772		23.6	20.0	17.9	30.0
1,2-Dichloropropane	Ave	0.3745	0.4266	0.1000	22.8	20.0	13.9	30.0
Methyl methacrylate	Ave	0.0866	0.1046		48.3	40.0	20.8	30.0
1,4-Dioxane	Ave	1.111	1.425		513	400	28.2	30.0
Dibromomethane	Ave	0.2407	0.2789		23.2	20.0	15.9	30.0
n-Propyl acetate	Ave	0.4231	0.5346		25.3	20.0	26.4	30.0
Bromodichloromethane	Ave	0.4830	0.5525	0.2000	22.9	20.0	14.4	30.0
2-Nitropropane	Lin2		0.0866		46.0	40.0	14.9	30.0
2-Chloroethyl vinyl ether	Ave	0.0246	0.0295		24.0	20.0	20.1	30.0
Epichlorohydrin	Ave	0.2342	0.2468		21.1	20.0	5.4	30.0
cis-1,3-Dichloropropene	Ave	0.7770	0.8122	0.2000	20.9	20.0	4.5	30.0
methyl isobutyl ketone	Ave	2.367	2.744	0.0500	116	100	15.9	30.0
Toluene	Ave	1.903	2.084	0.4000	21.9	20.0	9.6	30.0
trans-1,3-Dichloropropene	Ave	0.6869	0.7783	0.1000	22.7	20.0	13.3	30.0
Ethyl methacrylate	Ave	0.5387	0.6128		22.7	20.0	13.7	30.0
1,1,2-Trichloroethane	Ave	0.3551	0.4082	0.1000	23.0	20.0	14.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-970718/21 Calibration Date: 04/21/2024 17:07

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T676843.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5168	0.6138	0.2000	23.8	20.0	18.8	30.0
1,3-Dichloropropane	Ave	0.6851	0.7804		22.8	20.0	13.9	30.0
2-Hexanone	Ave	1.738	1.916	0.0500	110	100	10.2	30.0
n-Butyl acetate	Ave	0.6053	0.6851		22.6	20.0	13.2	30.0
Dibromochloromethane	Ave	0.5072	0.5954	0.1000	23.5	20.0	17.4	30.0
Ethylene Dibromide	Ave	0.4464	0.5152	0.1000	23.1	20.0	15.4	30.0
Chlorobenzene	Ave	1.253	1.422	0.5000	22.7	20.0	13.4	30.0
Ethylbenzene	Ave	0.6639	0.7566	0.1000	22.8	20.0	14.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4551	0.5324		23.4	20.0	17.0	30.0
m-Xylene & p-Xylene	Ave	0.8001	0.9062	0.1000	22.7	20.0	13.3	30.0
o-Xylene	Ave	0.7653	0.8816	0.3000	23.0	20.0	15.2	30.0
n-Butyl acrylate	Ave	0.3229	0.3720		23.0	20.0	15.2	30.0
Styrene	Ave	1.242	1.474	0.3000	23.7	20.0	18.6	30.0
Bromoform	Ave	0.3578	0.4200	0.1000	23.5	20.0	17.4	30.0
Amyl acetate (mixed isomers)	Ave	1.303	1.470		22.6	20.0	12.8	30.0
Isopropylbenzene	Ave	1.774	2.211	0.1000	24.9	20.0	24.7	30.0
Bromobenzene	Ave	1.012	1.228		24.3	20.0	21.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.019	1.138	0.3000	22.3	20.0	11.7	30.0
N-Propylbenzene	Ave	4.472	5.180		23.2	20.0	15.8	30.0
1,2,3-Trichloropropane	Ave	0.3044	0.3513		23.1	20.0	15.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2669	0.3081		23.1	20.0	15.4	30.0
2-Chlorotoluene	Ave	3.070	3.378		22.0	20.0	10.0	30.0
4-Ethyltoluene	Ave	3.586	4.083		22.8	20.0	13.9	30.0
1,3,5-Trimethylbenzene	Ave	2.927	3.415		23.3	20.0	16.7	30.0
4-Chlorotoluene	Ave	3.035	3.423		22.6	20.0	12.8	30.0
Butyl Methacrylate	Ave	1.043	1.191		22.8	20.0	14.2	30.0
tert-Butylbenzene	Ave	2.500	2.938		23.5	20.0	17.5	30.0
1,2,4-Trimethylbenzene	Ave	2.962	3.371		22.8	20.0	13.8	30.0
sec-Butylbenzene	Ave	3.557	4.158		23.4	20.0	16.9	30.0
1,3-Dichlorobenzene	Ave	1.746	1.977	0.6000	22.6	20.0	13.2	30.0
4-Isopropyltoluene	Ave	3.013	3.407		22.6	20.0	13.1	30.0
1,4-Dichlorobenzene	Ave	1.781	2.020	0.5000	22.7	20.0	13.4	30.0
1,2,3-Trimethylbenzene	Ave	2.957	3.261		22.1	20.0	10.3	30.0
Benzyl chloride	Ave	1.793	1.973		22.0	20.0	10.0	30.0
Indan	Ave	2.793	3.207		23.0	20.0	14.8	30.0
p-Diethylbenzene	Ave	1.718	1.951		22.7	20.0	13.6	30.0
n-Butylbenzene	Ave	1.464	1.648		22.5	20.0	12.6	30.0
1,2-Dichlorobenzene	Ave	1.536	1.768	0.4000	23.0	20.0	15.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.424	2.731		22.5	20.0	12.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2205	0.2529	0.0500	22.9	20.0	14.7	30.0
1,3,5-Trichlorobenzene	Ave	1.029	1.151		22.4	20.0	11.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-970718/21 Calibration Date: 04/21/2024 17:07

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T676843.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8773	0.9538	0.2000	21.7	20.0	8.7	30.0
Hexachlorobutadiene	QuaF		0.5102		23.6	20.0	18.2	30.0
Naphthalene	Lin2		2.231		24.3	20.0	21.5	30.0
1,2,3-Trichlorobenzene	Lin2		0.7614		24.6	20.0	22.8	30.0
Dibromofluoromethane (Surr)	Ave	0.2853	0.2870		50.3	50.0	0.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2828	0.2859		50.5	50.0	1.1	30.0
Toluene-d8 (Surr)	Ave	1.251	1.258		50.3	50.0	0.6	30.0
4-Bromofluorobenzene	Ave	0.4290	0.4356		50.8	50.0	1.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 21-Apr-2024 17:07:14 ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0174952-021
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Apr-2024 18:19:37 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1638

First Level Reviewer: W9CM Date: 22-Apr-2024 18:12:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	91	5645	20.0	36.0	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	89	24678	20.0	30.3	
2 1,1-Difluoroethane	65	1.417	1.417	0.000	95	40600	20.0	21.1	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	99	77872	20.0	15.8	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	98	11264	20.0	16.0	
6 Chloromethane	50	1.611	1.611	0.000	99	88664	20.0	17.6	
7 Vinyl chloride	62	1.706	1.706	0.000	98	90934	20.0	19.7	
8 Butadiene	54	1.732	1.732	0.000	95	73429	20.0	20.1	
9 Bromomethane	94	1.994	1.999	-0.005	94	23754	20.0	14.3	
10 Chloroethane	64	2.083	2.088	-0.005	99	59461	20.0	19.1	
11 Dichlorofluoromethane	67	2.267	2.267	0.000	97	171281	20.0	21.2	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	98	135873	20.0	21.9	
13 Pentane	72	2.324	2.324	0.000	96	25359	40.0	37.0	
14 Ethanol	46	2.482	2.476	0.006	99	19842	800.0	960.8	
15 Ethyl ether	59	2.529	2.529	0.000	92	71795	20.0	22.8	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	95	65796	20.0	21.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.576	0.000	93	69798	20.0	22.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.634	0.000	96	111410	20.0	20.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.707	-0.005	97	85241	20.0	24.2	
19 Acrolein	56	2.707	2.707	0.000	46	18398	39.5	24.8	
20 1,1-Dichloroethene	96	2.739	2.739	0.000	98	83433	20.0	22.4	
22 Acetone	43	2.833	2.833	0.000	88	116295	100.0	100.6	
23 Iodomethane	142	2.901	2.901	0.000	99	112156	20.0	29.2	
25 Isopropyl alcohol	45	2.927	2.927	0.000	34	53019	200.0	212.8	
24 Carbon disulfide	76	2.933	2.933	0.000	99	293020	20.0	22.5	a
27 3-Chloro-1-propene	76	3.079	3.079	0.000	92	53135	20.0	21.8	
28 Methyl acetate	43	3.095	3.095	0.000	96	129442	40.0	49.3	
29 Cyclopentene	67	3.100	3.100	0.000	94	157600	20.0	21.2	
26 Acetonitrile	41	3.153	3.153	0.000	99	109972	200.0	239.7	
* 31 TBA-d9 (IS)	66	3.200	3.200	0.000	98	48554	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.216	3.216	0.000	91	98782	20.0	21.8	
32 2-Methyl-2-propanol	59	3.279	3.273	0.006	98	84448	200.0	229.6	
35 Methyl tert-butyl ether	73	3.389	3.389	0.000	97	235927	20.0	23.7	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	93	94255	20.0	21.7	
33 Acrylonitrile	53	3.499	3.499	0.000	94	339104	200.0	241.5	
36 Hexane	57	3.593	3.593	0.000	93	106308	20.0	21.4	
40 Isopropyl ether	45	3.824	3.824	0.000	96	257249	20.0	22.6	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	100	161996	20.0	22.9	
38 Vinyl acetate	86	3.882	3.882	0.000	99	35713	40.0	45.0	
39 2-Chloro-1,3-butadiene	88	3.908	3.908	0.000	89	79147	20.0	22.4	
41 Tert-butyl ethyl ether	59	4.175	4.175	0.000	90	243717	20.0	23.3	
* 42 2-Butanone-d5	46	4.395	4.395	0.000	90	338084	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	80	32781	20.0	21.2	
43 cis-1,2-Dichloroethene	96	4.437	4.443	-0.006	99	104349	20.0	22.0	
45 2-Butanone (MEK)	72	4.458	4.458	0.000	98	53015	100.0	114.6	
47 Ethyl acetate	70	4.469	4.474	-0.005	96	19752	40.0	47.3	
48 Methyl acrylate	55	4.527	4.527	0.000	100	77100	20.0	22.9	
46 Propionitrile	54	4.610	4.610	0.000	99	126260	200.0	239.2	
51 Tetrahydrofuran	72	4.689	4.689	0.000	82	21690	40.0	44.6	
49 Chlorobromomethane	128	4.694	4.694	0.000	84	51860	20.0	23.5	
50 Methacrylonitrile	67	4.726	4.726	0.000	90	362469	200.0	241.5	a
52 Chloroform	83	4.757	4.757	0.000	99	161513	20.0	23.4	
55 Cyclohexane	84	4.894	4.899	-0.005	90	124283	20.0	23.4	
54 1,1,1-Trichloroethane	97	4.915	4.915	0.001	92	140254	20.0	23.1	
$ 53 Dibromofluoromethane (Surr)	113	4.936	4.935	0.001	97	163171	50.0	50.3	
56 Carbon tetrachloride	117	5.051	5.051	0.000	98	128685	20.0	22.8	
57 1,1-Dichloropropene	75	5.093	5.093	0.000	99	122456	20.0	21.8	
59 Isobutyl alcohol	43	5.240	5.240	0.000	95	136476	500.0	567.2	a
62 Isooctane	57	5.292	5.287	0.005	99	190687	20.0	23.2	a
60 Benzene	78	5.318	5.318	0.000	97	358379	20.0	22.7	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.339	5.339	0.000	96	162568	50.0	50.5	
63 Isopropyl acetate	61	5.397	5.397	0.000	93	44051	20.0	22.0	
64 Tert-amyl methyl ether	73	5.397	5.397	0.000	78	240985	20.0	24.1	
61 1,2-Dichloroethane	62	5.423	5.423	0.000	96	108619	20.0	22.8	
66 n-Heptane	43	5.507	5.507	0.000	89	78834	20.0	23.1	
* 65 Fluorobenzene	96	5.654	5.654	0.000	99	568555	50.0	50.0	
68 n-Butanol	56	6.021	6.021	0.000	85	58235	500.0	557.0	
67 Trichloroethene	95	6.063	6.068	-0.005	98	101832	20.0	23.0	
70 Methylcyclohexane	83	6.204	6.204	0.000	91	128185	20.0	23.7	a
69 Ethyl acrylate	55	6.220	6.215	0.005	97	199498	20.0	23.6	
71 1,2-Dichloropropane	63	6.404	6.409	-0.005	93	97027	20.0	22.8	
* 73 1,4-Dioxane-d8	96	6.477	6.472	0.005	1	40168	1000.0	1000.0	
75 Methyl methacrylate	100	6.508	6.508	0.000	87	47578	40.0	48.3	
74 1,4-Dioxane	88	6.540	6.535	0.005	54	22896	400.0	512.9	
72 Dibromomethane	93	6.550	6.550	0.000	96	63428	20.0	23.2	
76 n-Propyl acetate	43	6.582	6.577	0.005	97	121582	20.0	25.3	
77 Dichlorobromomethane	83	6.739	6.739	0.000	99	125643	20.0	22.9	
78 2-Nitropropane	41	7.143	7.138	0.005	90	39377	40.0	46.0	
79 2-Chloroethyl vinyl ether	106	7.148	7.148	0.000	60	6720	20.0	24.0	
80 Epichlorohydrin	57	7.269	7.269	0.000	91	6676	20.0	21.1	
81 cis-1,3-Dichloropropene	75	7.337	7.337	0.000	90	147123	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.541	7.541	0.000	95	371046	100.0	115.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.625	7.625	0.000	99	569601	50.0	50.3	
84 Toluene	91	7.714	7.720	-0.006	93	377547	20.0	21.9	
85 trans-1,3-Dichloropropene	75	8.150	8.150	0.000	95	140980	20.0	22.7	
86 Ethyl methacrylate	69	8.197	8.197	0.000	88	110993	20.0	22.7	
87 1,1,2-Trichloroethane	83	8.401	8.401	0.000	93	73940	20.0	23.0	
88 Tetrachloroethene	166	8.443	8.443	0.000	97	111177	20.0	23.8	
89 1,3-Dichloropropane	76	8.653	8.653	0.000	91	141364	20.0	22.8	
90 2-Hexanone	43	8.747	8.747	0.000	95	259082	100.0	110.2	
93 n-Butyl acetate	43	8.894	8.894	0.000	99	124097	20.0	22.6	
91 Chlorodibromomethane	129	8.926	8.925	0.001	97	107854	20.0	23.5	
92 Ethylene Dibromide	107	9.104	9.104	0.000	96	93321	20.0	23.1	
* 94 Chlorobenzene-d5	117	9.775	9.775	0.000	85	452831	50.0	50.0	
95 Chlorobenzene	112	9.822	9.817	0.005	97	257496	20.0	22.7	
97 Ethylbenzene	106	9.958	9.953	0.005	98	137043	20.0	22.8	
96 1,1,1,2-Tetrachloroethane	131	9.969	9.969	0.000	50	96443	20.0	23.4	
98 m-Xylene & p-Xylene	106	10.152	10.152	0.000	97	164146	20.0	22.7	
99 o-Xylene	106	10.797	10.792	0.005	95	159678	20.0	23.0	
101 n-Butyl acrylate	73	10.813	10.808	0.005	98	67374	20.0	23.0	
100 Styrene	104	10.839	10.839	0.000	96	266912	20.0	23.7	
102 Bromoform	173	11.159	11.154	0.005	97	76076	20.0	23.5	
103 Amyl acetate (mixed isomers)	43	11.191	11.191	0.000	91	134336	20.0	22.6	
104 Isopropylbenzene	105	11.369	11.369	0.000	96	400484	20.0	24.9	
$ 105 4-Bromofluorobenzene	174	11.652	11.647	0.005	95	197265	50.0	50.8	
106 Bromobenzene	156	11.825	11.820	0.005	92	112197	20.0	24.3	
107 1,1,2,2-Tetrachloroethane	83	11.919	11.914	0.005	96	104054	20.0	22.3	
110 N-Propylbenzene	91	11.946	11.946	0.000	99	473446	20.0	23.2	
108 1,2,3-Trichloropropane	110	11.967	11.966	0.000	87	32105	20.0	23.1	
109 trans-1,4-Dichloro-2-butene	53	12.008	12.003	0.005	96	28157	20.0	23.1	
111 2-Chlorotoluene	91	12.071	12.071	0.000	97	308756	20.0	22.0	
112 4-Ethyltoluene	105	12.103	12.098	0.005	99	373191	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	12.192	12.187	0.005	93	312152	20.0	23.3	
113 4-Chlorotoluene	91	12.223	12.223	0.000	97	312876	20.0	22.6	
115 Butyl Methacrylate	87	12.344	12.344	0.000	87	108848	20.0	22.8	
116 tert-Butylbenzene	119	12.554	12.554	0.000	94	268576	20.0	23.5	
117 1,2,4-Trimethylbenzene	105	12.632	12.627	0.005	97	308082	20.0	22.8	
118 sec-Butylbenzene	105	12.805	12.800	0.005	98	380038	20.0	23.4	
119 1,3-Dichlorobenzene	146	12.952	12.947	0.005	96	180708	20.0	22.6	
122 4-Isopropyltoluene	119	12.973	12.968	0.005	97	311374	20.0	22.6	
* 120 1,4-Dichlorobenzene-d4	152	13.031	13.031	0.000	94	228500	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.057	13.052	0.005	95	184620	20.0	22.7	
123 1,2,3-Trimethylbenzene	105	13.089	13.083	0.006	97	298089	20.0	22.1	
124 Benzyl chloride	91	13.220	13.214	0.006	99	180322	20.0	22.0	
125 2,3-Dihydroindene	117	13.283	13.283	0.000	90	293160	20.0	23.0	
127 p-Diethylbenzene	119	13.366	13.361	0.005	94	178306	20.0	22.7	
128 n-Butylbenzene	92	13.387	13.387	0.000	98	150615	20.0	22.5	
126 1,2-Dichlorobenzene	146	13.435	13.429	0.006	97	161616	20.0	23.0	
130 1,2,4,5-Tetramethylbenzene	119	14.100	14.100	0.000	97	249658	20.0	22.5	
129 1,2-Dibromo-3-Chloropropane	157	14.190	14.184	0.006	89	23114	20.0	22.9	
131 1,3,5-Trichlorobenzene	180	14.315	14.310	0.005	94	105182	20.0	22.4	
132 1,2,4-Trichlorobenzene	180	14.845	14.845	0.000	94	87181	20.0	21.7	
133 Hexachlorobutadiene	225	14.939	14.939	0.000	79	46635	20.0	23.6	
134 Naphthalene	128	15.049	15.049	0.000	99	203871	20.0	24.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.238	15.238	0.000	95	69596	20.0	24.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.7	
S 137 Xylenes, Total	100				0		40.0	45.7	
S 140 Total BTEX	1				0		100.0	113.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GAS C SP_00564	Amount Added:	20.00	Units: uL	
7 Freons SS_00013	Amount Added:	20.00	Units: uL	
8260 SP_00179	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00164	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Apr-2024 18:19:40 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D

Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15

Lims ID: ICV

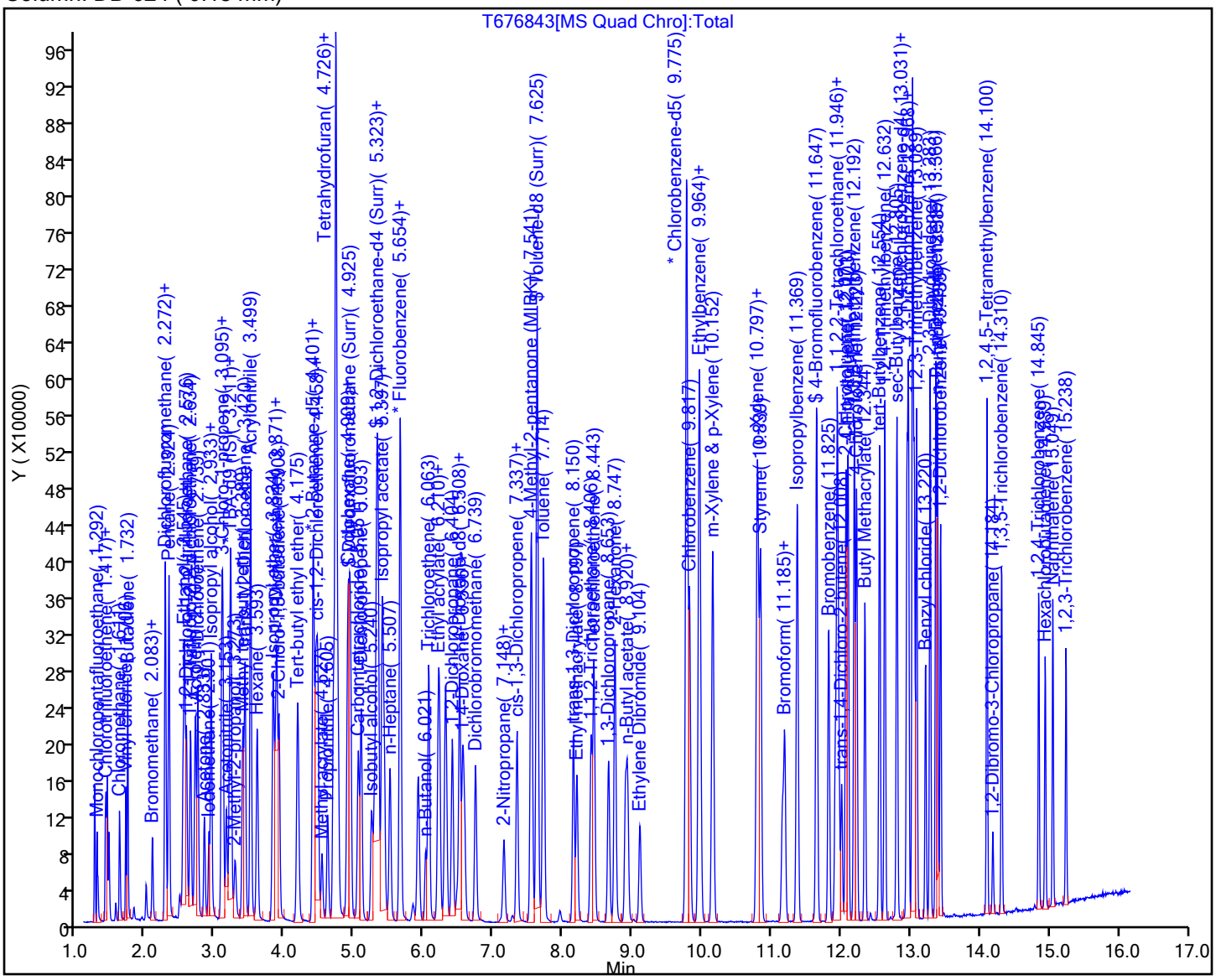
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

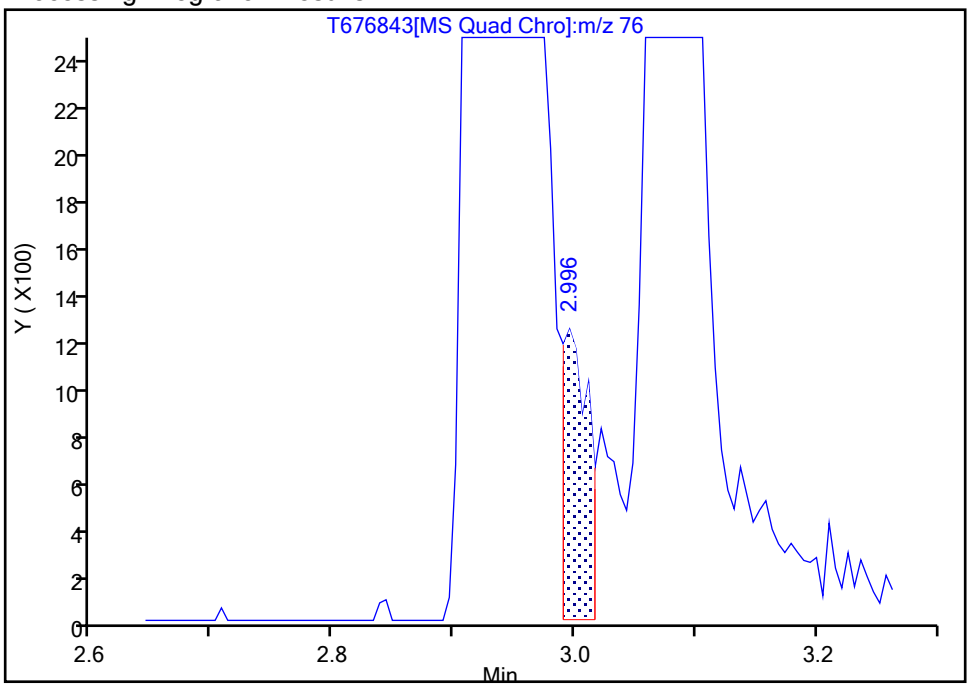
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

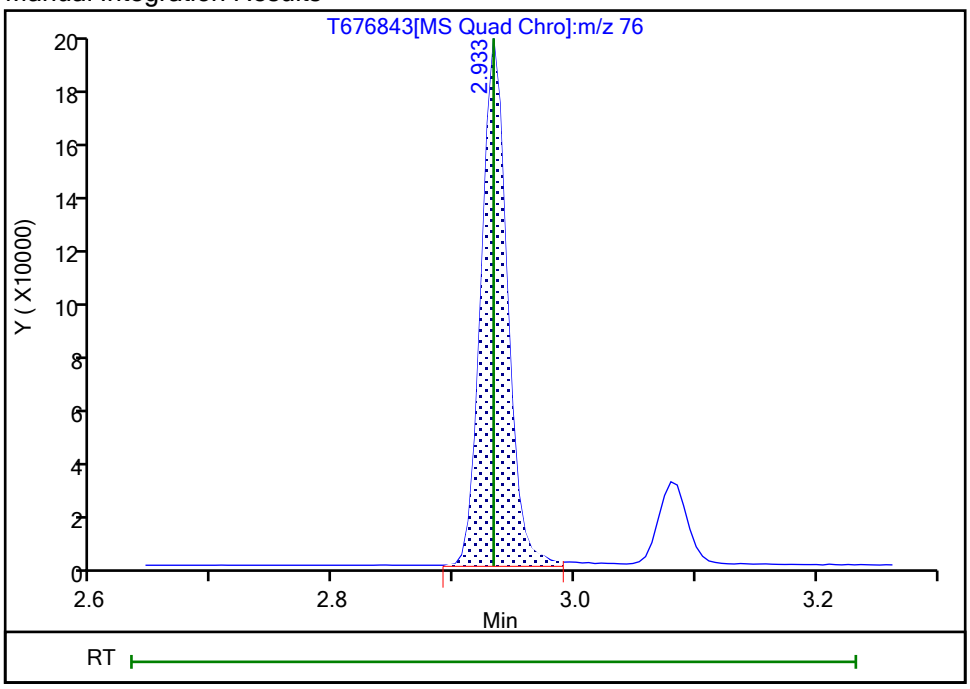
Processing Integration Results

RT: 3.00
Area: 1880
Amount: 0.144065
Amount Units: ug/l



Manual Integration Results

RT: 2.93
Area: 293020
Amount: 22.454224
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:10:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

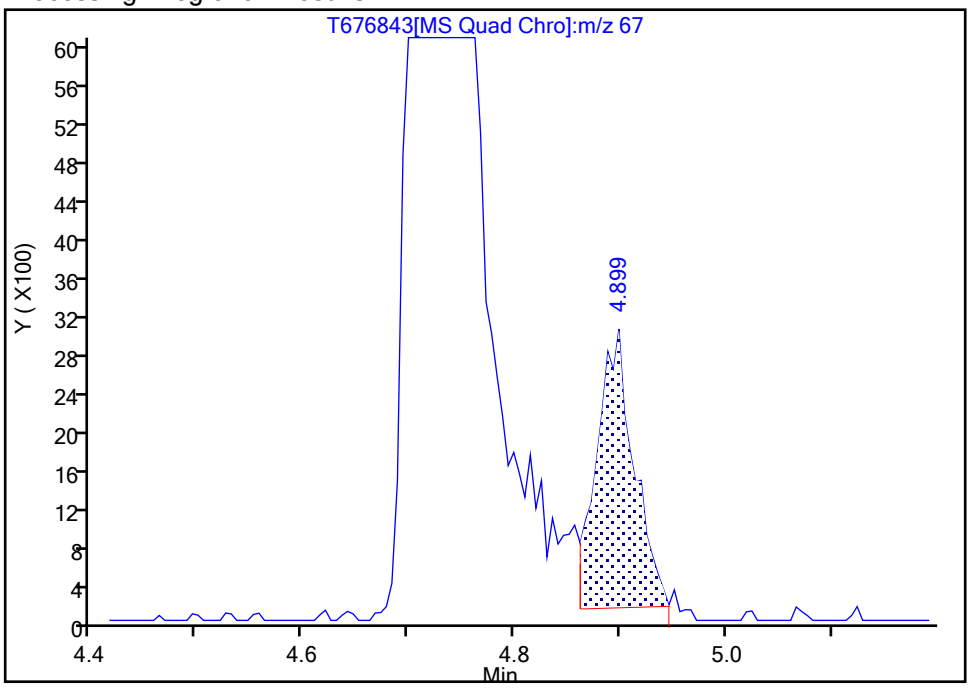
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Methacrylonitrile, CAS: 126-98-7

Signal: 1

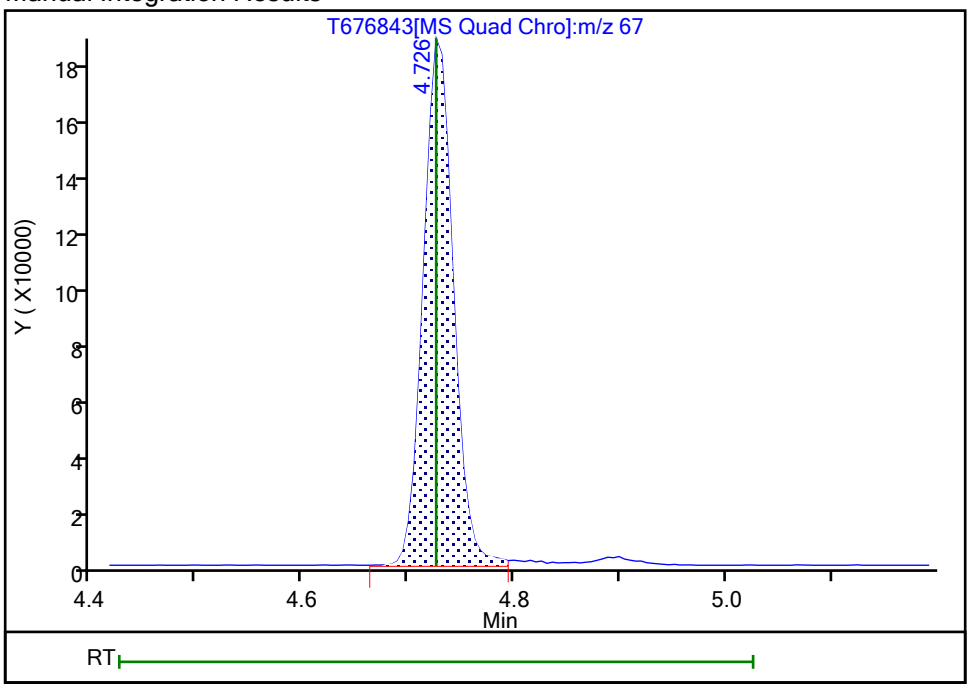
Processing Integration Results

RT: 4.90
Area: 7088
Amount: 4.722026
Amount Units: ug/l



Manual Integration Results

RT: 4.73
Area: 362469
Amount: 241.4769
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:10:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

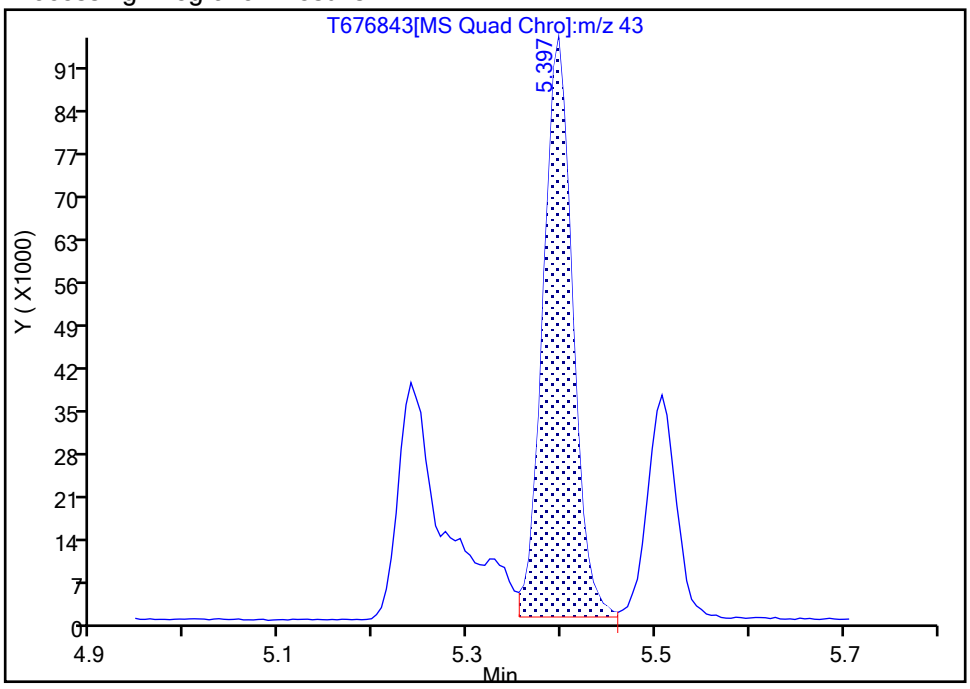
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

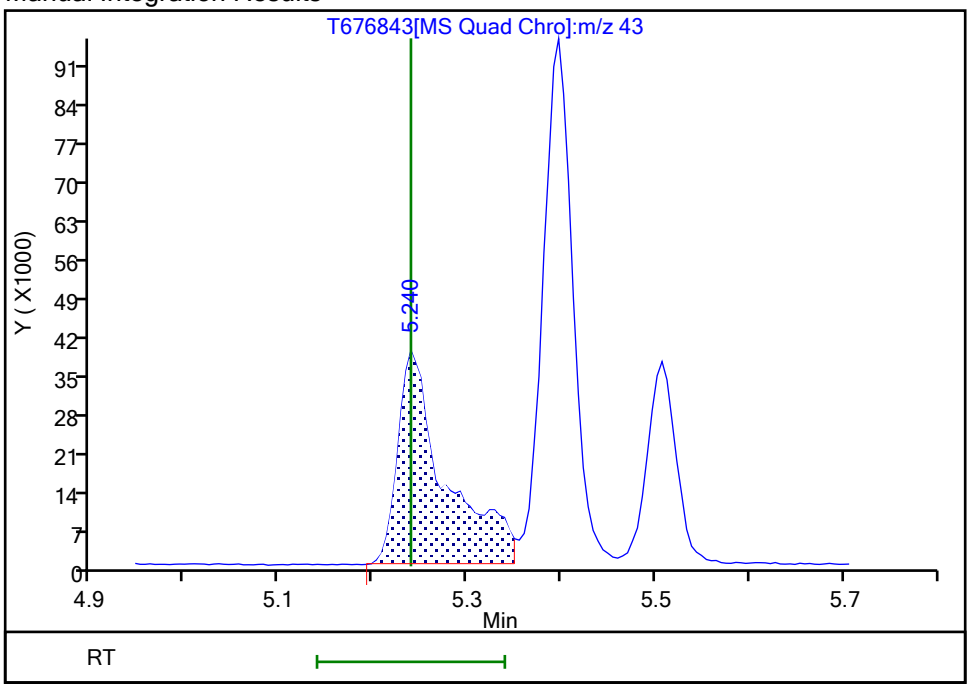
Processing Integration Results

RT: 5.40
Area: 207762
Amount: 863.4427
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 136476
Amount: 567.1836
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:10:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

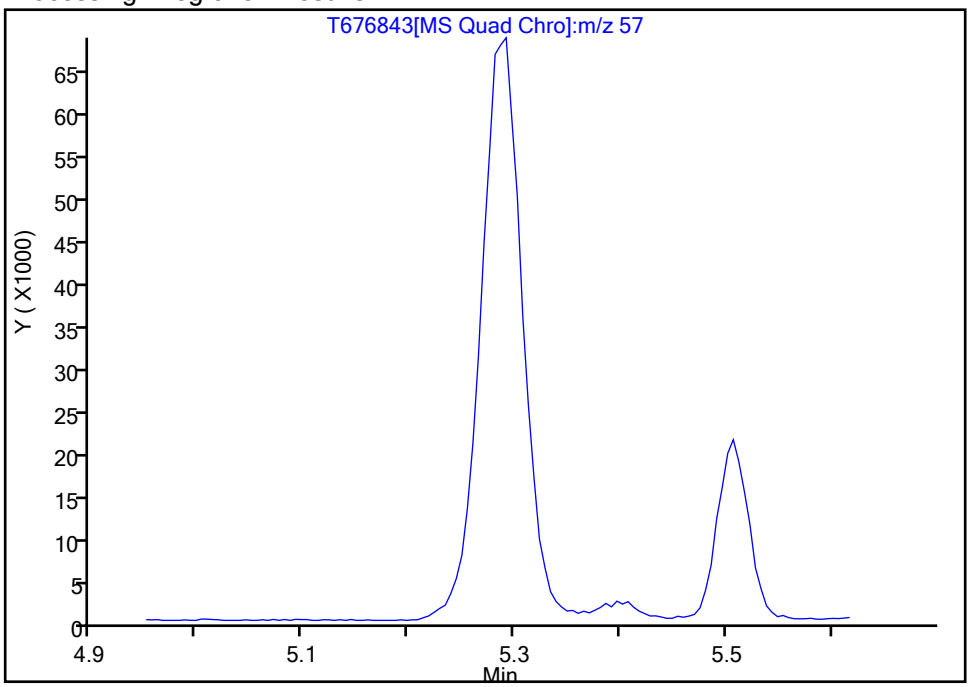
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

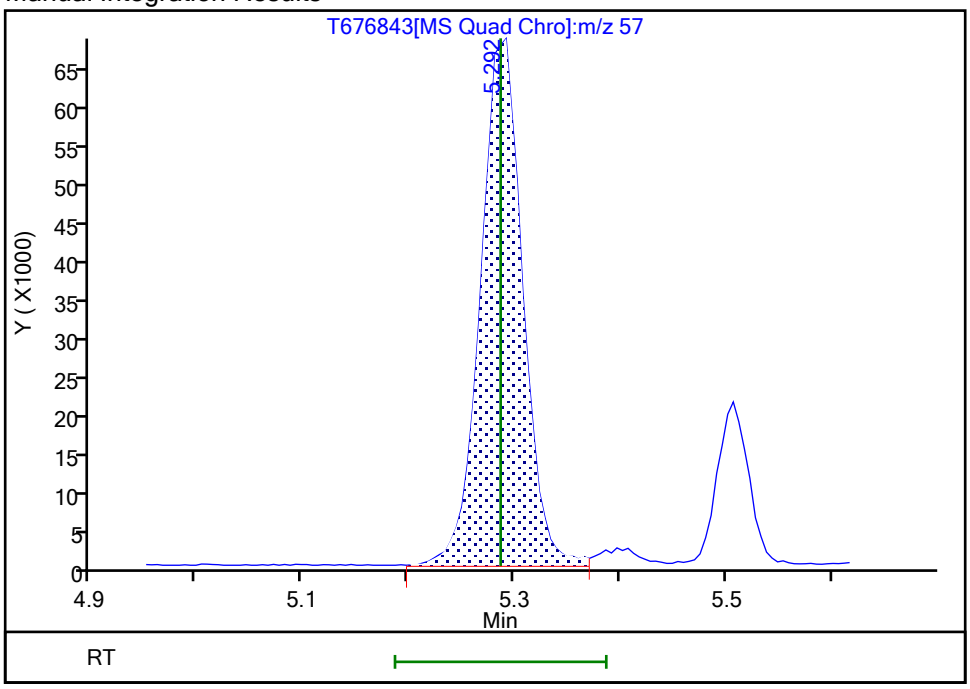
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 190687
Amount: 23.234819
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:10:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

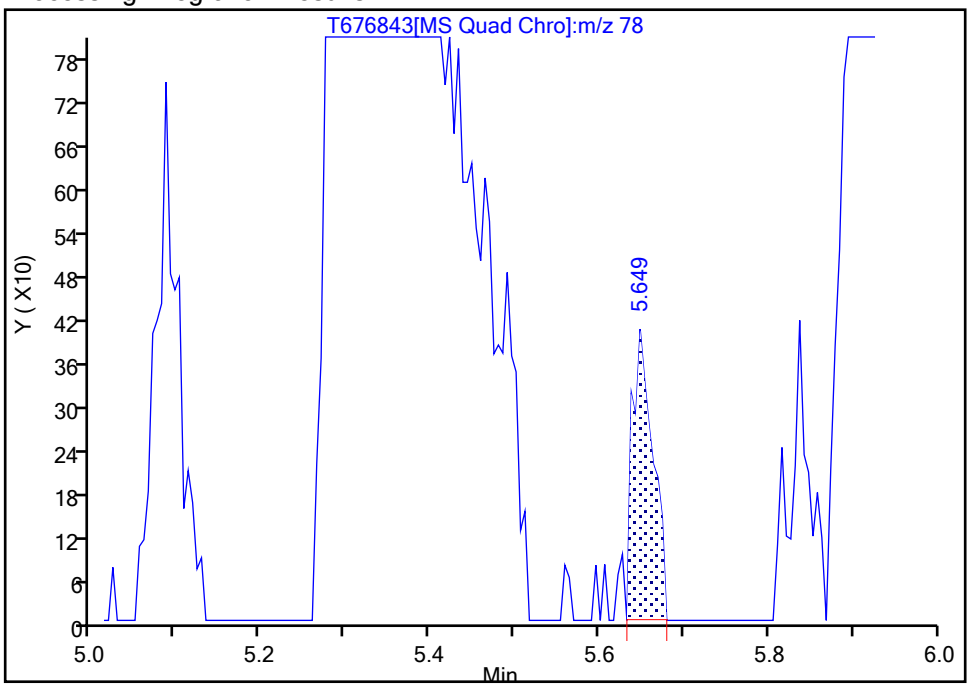
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

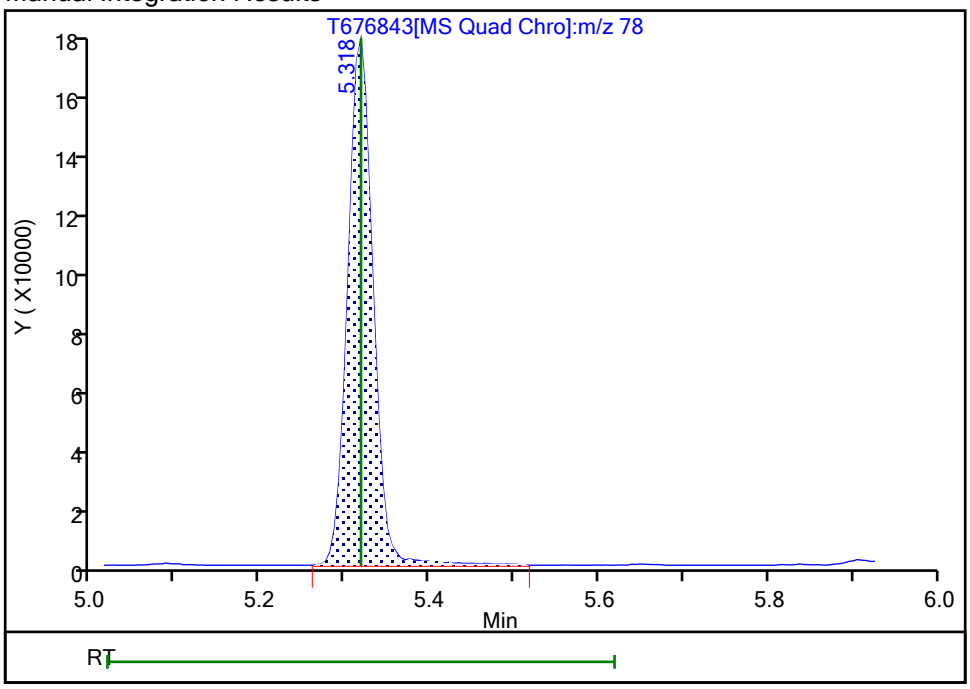
Processing Integration Results

RT: 5.65
Area: 676
Amount: 0.042877
Amount Units: ug/l



Manual Integration Results

RT: 5.32
Area: 358379
Amount: 22.730897
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:10:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

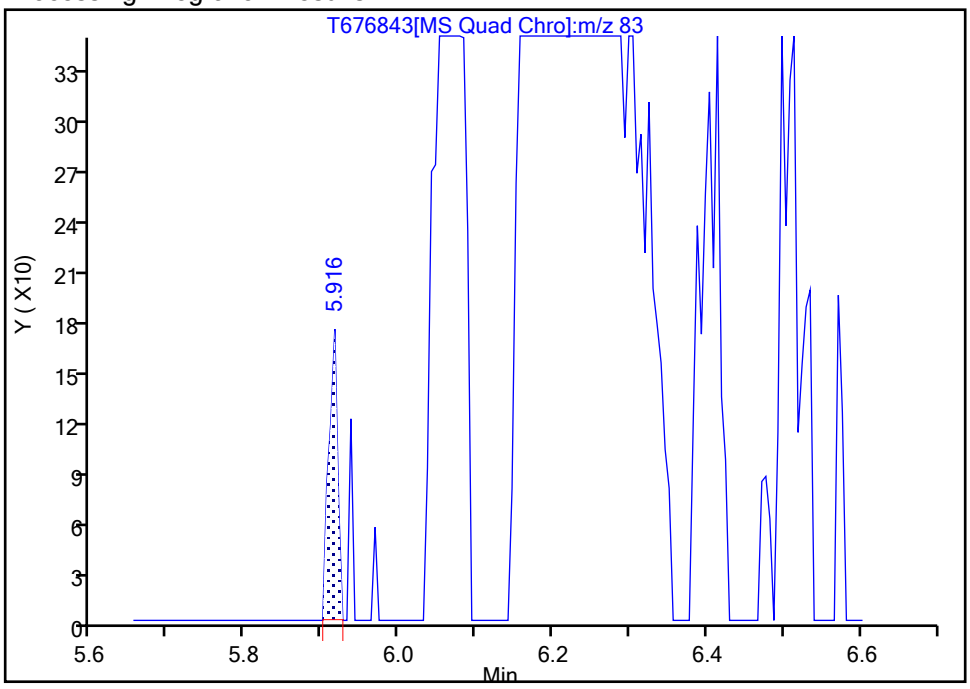
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676843.D
Injection Date: 21-Apr-2024 17:07:14 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

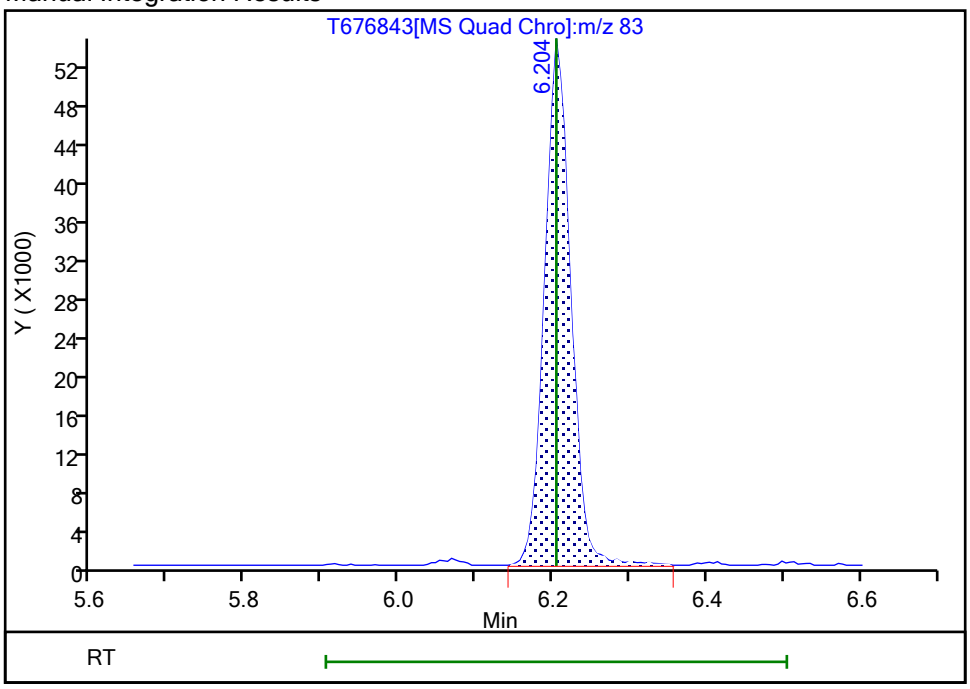
Processing Integration Results

RT: 5.92
Area: 137
Amount: 0.025378
Amount Units: ug/l



Manual Integration Results

RT: 6.20
Area: 128185
Amount: 23.745089
Amount Units: ug/l



Reviewer: W9CM, 22-Apr-2024 18:11:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976170/2 Calibration Date: 05/22/2024 07:31

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T677963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0111		15.9	20.0	-20.6*	20.0
Chlorotrifluoroethene	Ave	0.0716	0.0428		12.0	20.0	-40.1*	20.0
1,1-Difluoroethane	Ave	0.1691	0.1406		16.6	20.0	-16.9	20.0
Dichlorodifluoromethane	Ave	0.4347	0.2753	0.1000	12.7	20.0	-36.7*	20.0
Chlorodifluoromethane	Ave	0.0620	0.0577		18.6	20.0	-7.0	20.0
Chloromethane	Ave	0.4441	0.3965	0.1000	17.9	20.0	-10.7	20.0
Vinyl chloride	Ave	0.4065	0.4214	0.1000	20.7	20.0	3.7	20.0
Butadiene	Ave	0.3213	0.3427		21.3	20.0	6.7	20.0
Bromomethane	QuaF		0.1356	0.1000	18.6	20.0	-7.1	50.0
Chloroethane	Ave	2.299	1.775	0.1000	15.4	20.0	-22.8	50.0
Dichlorofluoromethane	Ave	0.7119	0.6916		19.4	20.0	-2.8	20.0
Trichlorofluoromethane	Ave	0.5454	0.4896	0.1000	18.0	20.0	-10.2	20.0
Pentane	Ave	0.0602	0.0293		19.4	40.0	-51.4*	20.0
Ethanol	Ave	0.4253	0.3926		739	800	-7.7	50.0
Ethyl ether	Qua2		0.2571		18.5	20.0	-7.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2682	0.2373		17.7	20.0	-11.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2781	0.2828		20.3	20.0	1.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4739	0.4678		19.7	20.0	-1.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3093	0.2236	0.1000	14.5	20.0	-27.7*	20.0
Acrolein	Ave	0.0653	0.0557		34.1	40.0	-14.6	50.0
1,1-Dichloroethene	Ave	0.3275	0.2984	0.1000	18.2	20.0	-8.9	20.0
Acetone	Ave	0.8548	0.7079	0.0500	82.8	100	-17.2	50.0
Iodomethane	Ave	0.3379	0.3801		22.5	20.0	12.5	20.0
Isopropyl alcohol	Ave	5.130	4.547		177	200	-11.4	50.0
Carbon disulfide	Ave	1.148	1.057	0.1000	18.4	20.0	-7.9	50.0
3-Chloro-1-propene	Ave	0.2141	0.2078		19.4	20.0	-2.9	20.0
Methyl acetate	Ave	0.2310	0.2465	0.1000	42.7	40.0	6.7	20.0
Cyclopentene	Ave	0.6548	0.6072		18.5	20.0	-7.3	20.0
Acetonitrile	Ave	0.3393	0.3380		199	200	-0.4	20.0
Methylene Chloride	Ave	0.3979	0.3816	0.1000	19.2	20.0	-4.1	20.0
2-Methyl-2-propanol	Ave	7.576	7.149		189	200	-5.6	50.0
Methyl tert-butyl ether	Ave	0.8750	0.9285	0.1000	21.2	20.0	6.1	20.0
trans-1,2-Dichloroethene	Ave	0.3822	0.3521	0.1000	18.4	20.0	-7.9	20.0
Acrylonitrile	Ave	0.1235	0.1293		209	200	4.7	20.0
Hexane	Ave	0.4371	0.2245		10.3	20.0	-48.7*	20.0
Isopropyl ether	Ave	1.003	1.010		20.1	20.0	0.7	20.0
1,1-Dichloroethane	Ave	0.6212	0.6277	0.2000	20.2	20.0	1.0	20.0
Vinyl acetate	Ave	0.5867	0.5532		37.7	40.0	-5.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3103	0.2916		18.8	20.0	-6.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976170/2 Calibration Date: 05/22/2024 07:31

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T677963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9210	0.9498		20.6	20.0	3.1	20.0
2,2-Dichloropropane	Ave	0.1357	0.1305		19.2	20.0	-3.8	20.0
cis-1,2-Dichloroethene	Ave	0.4165	0.3967	0.1000	19.0	20.0	-4.8	20.0
Methyl Ethyl Ketone	Ave	0.3421	0.3133	0.0500	91.6	100	-8.4	50.0
Ethyl acetate	Ave	0.3086	0.2809		36.4	40.0	-9.0	20.0
Methyl acrylate	Ave	0.2957	0.3056		20.7	20.0	3.4	20.0
Propionitrile	Ave	0.0464	0.0526		227	200	13.4	20.0
Chlorobromomethane	Ave	0.1942	0.1976		20.4	20.0	1.8	20.0
Tetrahydrofuran	Ave	0.3599	0.3504		38.9	40.0	-2.6	20.0
Methacrylonitrile	Ave	0.1320	0.1484		225	200	12.4	20.0
Chloroform	Ave	0.6077	0.6601	0.2000	21.7	20.0	8.6	20.0
Cyclohexane	Ave	0.4665	0.3729	0.1000	16.0	20.0	-20.1	50.0
1,1,1-Trichloroethane	Ave	0.5329	0.5579	0.1000	20.9	20.0	4.7	20.0
Carbon tetrachloride	Ave	0.4973	0.4917	0.1000	19.8	20.0	-1.1	20.0
1,1-Dichloropropene	Ave	0.4949	0.4991		20.2	20.0	0.9	20.0
Isobutyl alcohol	Ave	4.956	4.134		417	500	-16.6	50.0
Isooctane	Ave	0.7217	0.4319		12.0	20.0	-40.2*	20.0
Benzene	Ave	1.741	1.694	0.5000	19.5	20.0	-2.7	20.0
Isopropyl acetate	Ave	0.1764	0.1738		19.7	20.0	-1.5	20.0
Tert-amyl methyl ether	Ave	0.8801	0.9188		20.9	20.0	4.4	20.0
1,2-Dichloroethane	Ave	0.4183	0.4599	0.1000	22.0	20.0	9.9	20.0
n-Heptane	Ave	0.3007	0.1946		12.9	20.0	-35.3*	20.0
n-Butanol	Ave	2.153	1.828		424	500	-15.1	50.0
Trichloroethene	Ave	0.3892	0.3770	0.2000	19.4	20.0	-3.1	20.0
Methylcyclohexane	Ave	0.4747	0.3485	0.1000	14.7	20.0	-26.6	50.0
Ethyl acrylate	Ave	0.7439	0.6485		17.4	20.0	-12.8	20.0
1,2-Dichloropropane	Ave	0.3745	0.3637	0.1000	19.4	20.0	-2.9	20.0
Methyl methacrylate	Ave	0.0866	0.0864		39.9	40.0	-0.2	20.0
1,4-Dioxane	Ave	1.111	1.241		447	400	11.7	50.0
Dibromomethane	Ave	0.2407	0.2668		22.2	20.0	10.8	20.0
n-Propyl acetate	Ave	0.4231	0.5046		23.9	20.0	19.3	20.0
Bromodichloromethane	Ave	0.4830	0.5073	0.2000	21.0	20.0	5.0	20.0
2-Nitropropane	Lin2		0.0858		45.5	40.0	13.9	20.0
2-Chloroethyl vinyl ether	Ave	0.0246	0.0168		13.7	20.0	-31.8*	20.0
Epichlorohydrin	Ave	0.2342	0.2252		385	400	-3.8	20.0
cis-1,3-Dichloropropene	Ave	0.7770	0.7653	0.2000	19.7	20.0	-1.5	50.0
methyl isobutyl ketone	Ave	2.367	2.309	0.0500	97.5	100	-2.5	50.0
Toluene	Ave	1.903	1.829	0.4000	19.2	20.0	-3.9	20.0
trans-1,3-Dichloropropene	Ave	0.6869	0.6725	0.1000	19.6	20.0	-2.1	50.0
Ethyl methacrylate	Ave	0.5387	0.5192		19.3	20.0	-3.6	20.0
1,1,2-Trichloroethane	Ave	0.3551	0.3609	0.1000	20.3	20.0	1.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976170/2 Calibration Date: 05/22/2024 07:31

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T677963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5168	0.4504	0.2000	17.4	20.0	-12.8	20.0
1,3-Dichloropropane	Ave	0.6851	0.6982		20.4	20.0	1.9	20.0
2-Hexanone	Ave	1.738	1.599	0.0500	92.0	100	-8.0	50.0
n-Butyl acetate	Ave	0.6053	0.6096		20.1	20.0	0.7	20.0
Dibromochloromethane	Ave	0.5072	0.5038	0.1000	19.9	20.0	-0.7	50.0
Ethylene Dibromide	Ave	0.4464	0.4494	0.1000	20.1	20.0	0.7	20.0
Chlorobenzene	Ave	1.253	1.182	0.5000	18.9	20.0	-5.7	20.0
Ethylbenzene	Ave	0.6639	0.6245	0.1000	18.8	20.0	-5.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4551	0.4376		19.2	20.0	-3.9	20.0
m-Xylene & p-Xylene	Ave	0.8001	0.7531	0.1000	18.8	20.0	-5.9	20.0
o-Xylene	Ave	0.7653	0.7218	0.3000	18.9	20.0	-5.7	20.0
n-Butyl acrylate	Ave	0.3229	0.3120		19.3	20.0	-3.4	20.0
Styrene	Ave	1.242	1.188	0.3000	19.1	20.0	-4.4	20.0
Bromoform	Ave	0.3578	0.3178	0.1000	17.8	20.0	-11.2	20.0
Amyl acetate (mixed isomers)	Ave	1.303	1.327		20.4	20.0	1.8	20.0
Isopropylbenzene	Ave	1.774	1.711	0.1000	19.3	20.0	-3.5	20.0
Bromobenzene	Ave	1.012	0.9381		18.5	20.0	-7.3	20.0
1,1,2,2-Tetrachloroethane	Ave	1.019	1.048	0.3000	20.6	20.0	2.8	20.0
N-Propylbenzene	Ave	4.472	4.306		19.3	20.0	-3.7	20.0
1,2,3-Trichloropropane	Ave	0.3044	0.3199		21.0	20.0	5.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2669	0.2400		18.0	20.0	-10.1	20.0
2-Chlorotoluene	Ave	3.070	2.847		18.5	20.0	-7.3	20.0
4-Ethyltoluene	Ave	3.586	3.507		19.6	20.0	-2.2	20.0
1,3,5-Trimethylbenzene	Ave	2.927	2.744		18.7	20.0	-6.3	20.0
4-Chlorotoluene	Ave	3.035	2.846		18.8	20.0	-6.2	20.0
Butyl Methacrylate	Ave	1.043	0.9495		18.2	20.0	-9.0	20.0
tert-Butylbenzene	Ave	2.500	2.332		18.7	20.0	-6.7	20.0
1,2,4-Trimethylbenzene	Ave	2.962	2.801		18.9	20.0	-5.4	20.0
sec-Butylbenzene	Ave	3.557	3.430		19.3	20.0	-3.6	20.0
1,3-Dichlorobenzene	Ave	1.746	1.619	0.6000	18.5	20.0	-7.3	20.0
4-Isopropyltoluene	Ave	3.013	2.832		18.8	20.0	-6.0	20.0
1,4-Dichlorobenzene	Ave	1.781	1.587	0.5000	17.8	20.0	-10.9	20.0
1,2,3-Trimethylbenzene	Ave	2.957	2.827		19.1	20.0	-4.4	20.0
Benzyl chloride	Ave	1.793	1.771		19.8	20.0	-1.2	50.0
Indan	Ave	2.793	2.768		19.8	20.0	-0.9	20.0
p-Diethylbenzene	Ave	1.718	1.630		19.0	20.0	-5.1	20.0
n-Butylbenzene	Ave	1.464	1.412		19.3	20.0	-3.5	20.0
1,2-Dichlorobenzene	Ave	1.536	1.446	0.4000	18.8	20.0	-5.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.424	2.221		18.3	20.0	-8.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2205	0.2116	0.0500	19.2	20.0	-4.0	50.0
1,3,5-Trichlorobenzene	Ave	1.029	0.8582		16.7	20.0	-16.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976170/2 Calibration Date: 05/22/2024 07:31

Instrument ID: CVOAMS15 Calib Start Date: 04/21/2024 09:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/21/2024 15:59

Lab File ID: T677963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8773	0.7057	0.2000	16.1	20.0	-19.6	20.0
Hexachlorobutadiene	QuaF		0.3108		14.4	20.0	-28.1*	20.0
Naphthalene	Lin2		1.905		20.7	20.0	3.5	50.0
1,2,3-Trichlorobenzene	Lin2		0.5778		18.6	20.0	-7.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2853	0.3028		53.1	50.0	6.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2828	0.3170		56.0	50.0	12.1	20.0
Toluene-d8 (Surr)	Ave	1.251	1.286		51.4	50.0	2.9	20.0
4-Bromofluorobenzene	Ave	0.4290	0.4026		46.9	50.0	-6.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677963.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-May-2024 07:31:09 ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0176219-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:54 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 08:08:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	37	2217	20.0	15.9	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	89	8587	20.0	12.0	
2 1,1-Difluoroethane	65	1.423	1.423	0.000	96	28183	20.0	16.6	
4 Dichlorodifluoromethane	85	1.438	1.438	0.000	88	55179	20.0	12.7	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	79	11556	20.0	18.6	
6 Chloromethane	50	1.617	1.617	0.000	88	79479	20.0	17.9	
7 Vinyl chloride	62	1.706	1.706	0.000	83	84461	20.0	20.7	
8 Butadiene	54	1.732	1.732	0.000	93	68700	20.0	21.3	
9 Bromomethane	94	1.994	1.994	0.000	97	27172	20.0	18.6	
10 Chloroethane	64	2.089	2.089	0.000	97	47464	20.0	15.4	
11 Dichlorofluoromethane	67	2.272	2.272	0.000	89	138637	20.0	19.4	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	78	98132	20.0	18.0	
13 Pentane	72	2.324	2.324	0.000	97	11731	40.0	19.4	
14 Ethanol	46	2.476	2.476	0.000	97	15202	800.0	738.5	
15 Ethyl ether	59	2.529	2.529	0.000	91	51528	20.0	18.5	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	98	47569	20.0	17.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.581	2.581	0.000	94	56683	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.639	2.639	0.000	90	93771	20.0	19.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.702	0.000	90	44812	20.0	14.5	
19 Acrolein	56	2.707	2.707	0.000	76	22332	40.0	34.1	
20 1,1-Dichloroethene	96	2.744	2.744	0.000	90	59808	20.0	18.2	
22 Acetone	43	2.838	2.838	0.000	87	94633	100.0	82.8	
23 Iodomethane	142	2.901	2.901	0.000	99	76185	20.0	22.5	
25 Isopropyl alcohol	45	2.927	2.927	0.000	40	44017	200.0	177.3	
24 Carbon disulfide	76	2.938	2.938	0.000	99	211812	20.0	18.4	
27 3-Chloro-1-propene	76	3.085	3.085	0.000	87	41657	20.0	19.4	
28 Methyl acetate	43	3.095	3.095	0.000	98	98827	40.0	42.7	
29 Cyclopentene	67	3.106	3.106	0.000	92	121710	20.0	18.5	
26 Acetonitrile	41	3.153	3.153	0.000	97	90379	200.0	199.3	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	99	48397	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.221	3.221	0.000	83	76500	20.0	19.2	
32 2-Methyl-2-propanol	59	3.279	3.279	0.000	99	69197	200.0	188.7	
35 Methyl tert-butyl ether	73	3.394	3.394	0.000	97	186112	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	94	70577	20.0	18.4	
33 Acrylonitrile	53	3.504	3.504	0.000	92	259240	200.0	209.5	
36 Hexane	57	3.593	3.593	0.000	92	44993	20.0	10.3	
40 Isopropyl ether	45	3.829	3.829	0.000	97	202423	20.0	20.1	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	94	125817	20.0	20.2	
38 Vinyl acetate	86	3.887	3.887	0.000	99	29580	40.0	37.7	
39 2-Chloro-1,3-butadiene	88	3.913	3.913	0.000	88	58448	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.181	4.181	0.000	89	190384	20.0	20.6	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	89	334217	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	65	26165	20.0	19.2	
43 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	99	79511	20.0	19.0	
45 2-Butanone (MEK)	72	4.464	4.464	0.000	97	41885	100.0	91.6	
47 Ethyl acetate	70	4.474	4.474	0.000	96	15021	40.0	36.4	
48 Methyl acrylate	55	4.532	4.532	0.000	99	61263	20.0	20.7	
46 Propionitrile	54	4.616	4.616	0.000	98	105477	200.0	226.7	
51 Tetrahydrofuran	72	4.700	4.700	0.000	76	18739	40.0	38.9	
49 Chlorobromomethane	128	4.700	4.700	0.000	83	39604	20.0	20.4	
50 Methacrylonitrile	67	4.731	4.731	0.000	91	297488	200.0	224.9	
52 Chloroform	83	4.762	4.762	0.000	92	132325	20.0	21.7	
55 Cyclohexane	84	4.904	4.904	0.000	89	74753	20.0	16.0	
54 1,1,1-Trichloroethane	97	4.920	4.920	0.000	96	111823	20.0	20.9	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	151753	50.0	53.1	
56 Carbon tetrachloride	117	5.056	5.056	0.000	90	98557	20.0	19.8	
57 1,1-Dichloropropene	75	5.098	5.098	0.000	98	100045	20.0	20.2	
59 Isobutyl alcohol	43	5.245	5.245	0.000	98	100029	500.0	417.1	
62 Isooctane	57	5.292	5.292	0.000	96	86564	20.0	12.0	a
60 Benzene	78	5.324	5.324	0.000	97	276350	20.0	19.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	90	158851	50.0	56.0	
64 Tert-amyl methyl ether	73	5.407	5.407	0.000	79	184180	20.0	20.9	
63 Isopropyl acetate	61	5.407	5.407	0.000	91	34840	20.0	19.7	
61 1,2-Dichloroethane	62	5.428	5.428	0.000	97	92177	20.0	22.0	
66 n-Heptane	43	5.507	5.507	0.000	93	39003	20.0	12.9	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	501119	50.0	50.0	
68 n-Butanol	56	6.026	6.026	0.000	86	44234	500.0	424.4	
67 Trichloroethene	95	6.068	6.068	0.000	94	75565	20.0	19.4	
70 Methylcyclohexane	83	6.210	6.210	0.000	88	69856	20.0	14.7	a
69 Ethyl acrylate	55	6.225	6.225	0.000	97	129991	20.0	17.4	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	91	72902	20.0	19.4	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	39459	1000.0	1000.0	
75 Methyl methacrylate	100	6.514	6.514	0.000	85	34634	40.0	39.9	
74 1,4-Dioxane	88	6.550	6.550	0.000	51	19588	400.0	446.7	
72 Dibromomethane	93	6.561	6.561	0.000	91	53476	20.0	22.2	
76 n-Propyl acetate	43	6.587	6.587	0.000	97	101144	20.0	23.9	
77 Dichlorobromomethane	83	6.744	6.744	0.000	96	101690	20.0	21.0	
78 2-Nitropropane	41	7.148	7.148	0.000	94	34393	40.0	45.5	
79 2-Chloroethyl vinyl ether	106	7.159	7.159	0.000	55	3371	20.0	13.7	
80 Epichlorohydrin	57	7.274	7.274	0.000	98	120413	400.0	384.6	
81 cis-1,3-Dichloropropene	75	7.342	7.342	0.000	91	124878	20.0	19.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.547	0.000	96	308736	100.0	97.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	98	524782	50.0	51.4	
84 Toluene	91	7.725	7.725	0.000	92	298432	20.0	19.2	
85 trans-1,3-Dichloropropene	75	8.155	8.155	0.000	97	109738	20.0	19.6	
86 Ethyl methacrylate	69	8.202	8.202	0.000	87	84723	20.0	19.3	
87 1,1,2-Trichloroethane	83	8.406	8.406	0.000	93	58889	20.0	20.3	
88 Tetrachloroethene	166	8.448	8.448	0.000	90	73498	20.0	17.4	
89 1,3-Dichloropropane	76	8.658	8.658	0.000	91	113936	20.0	20.4	
90 2-Hexanone	43	8.753	8.753	0.000	95	213806	100.0	92.0	
93 n-Butyl acetate	43	8.905	8.905	0.000	98	99472	20.0	20.1	
91 Chlorodibromomethane	129	8.931	8.931	0.000	97	82212	20.0	19.9	
92 Ethylene Dibromide	107	9.114	9.114	0.000	97	73325	20.0	20.1	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	85	407940	50.0	50.0	
95 Chlorobenzene	112	9.822	9.822	0.000	95	192813	20.0	18.9	
97 Ethylbenzene	106	9.964	9.964	0.000	98	101903	20.0	18.8	
96 1,1,1,2-Tetrachloroethane	131	9.979	9.979	0.000	53	71402	20.0	19.2	
98 m-Xylene & p-Xylene	106	10.158	10.158	0.000	97	122891	20.0	18.8	
99 o-Xylene	106	10.797	10.797	0.000	94	117784	20.0	18.9	
101 n-Butyl acrylate	73	10.818	10.818	0.000	97	50918	20.0	19.3	
100 Styrene	104	10.850	10.850	0.000	95	193861	20.0	19.1	
102 Bromoform	173	11.164	11.164	0.000	94	51852	20.0	17.8	
103 Amyl acetate (mixed isomers)	43	11.196	11.196	0.000	90	112432	20.0	20.4	
104 Isopropylbenzene	105	11.379	11.379	0.000	96	279148	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	90	164229	50.0	46.9	
106 Bromobenzene	156	11.830	11.830	0.000	94	79474	20.0	18.5	
107 1,1,2,2-Tetrachloroethane	83	11.925	11.925	0.000	96	88774	20.0	20.6	
110 N-Propylbenzene	91	11.951	11.951	0.000	99	364767	20.0	19.3	
108 1,2,3-Trichloropropane	110	11.977	11.977	0.000	95	27105	20.0	21.0	
109 trans-1,4-Dichloro-2-butene	53	12.014	12.014	0.000	92	20331	20.0	18.0	
111 2-Chlorotoluene	91	12.077	12.077	0.000	97	241185	20.0	18.5	
112 4-Ethyltoluene	105	12.108	12.108	0.000	98	297141	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	12.197	12.197	0.000	92	232436	20.0	18.7	
113 4-Chlorotoluene	91	12.229	12.229	0.000	98	241149	20.0	18.8	
115 Butyl Methacrylate	87	12.355	12.355	0.000	87	80440	20.0	18.2	
116 tert-Butylbenzene	119	12.559	12.559	0.000	90	197595	20.0	18.7	
117 1,2,4-Trimethylbenzene	105	12.632	12.632	0.000	98	237324	20.0	18.9	
118 sec-Butylbenzene	105	12.811	12.811	0.000	99	290606	20.0	19.3	
119 1,3-Dichlorobenzene	146	12.957	12.957	0.000	97	137179	20.0	18.5	
122 4-Isopropyltoluene	119	12.973	12.973	0.000	94	239919	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	211798	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.062	13.062	0.000	93	134450	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	13.094	13.094	0.000	97	239459	20.0	19.1	
124 Benzyl chloride	91	13.225	13.225	0.000	99	150073	20.0	19.8	
125 2,3-Dihydroindene	117	13.288	13.288	0.000	89	234470	20.0	19.8	
127 p-Diethylbenzene	119	13.372	13.372	0.000	92	138066	20.0	19.0	
128 n-Butylbenzene	92	13.393	13.393	0.000	98	119614	20.0	19.3	
126 1,2-Dichlorobenzene	146	13.440	13.440	0.000	95	122520	20.0	18.8	
130 1,2,4,5-Tetramethylbenzene	119	14.106	14.106	0.000	96	188189	20.0	18.3	
129 1,2-Dibromo-3-Chloropropane	157	14.190	14.190	0.000	93	17928	20.0	19.2	
131 1,3,5-Trichlorobenzene	180	14.321	14.321	0.000	96	72703	20.0	16.7	
132 1,2,4-Trichlorobenzene	180	14.850	14.850	0.000	93	59785	20.0	16.1	
133 Hexachlorobutadiene	225	14.945	14.945	0.000	72	26332	20.0	14.4	
134 Naphthalene	128	15.055	15.055	0.000	99	161399	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.243	15.243	0.000	94	48954	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.5	
S 137 Xylenes, Total	100				0		40.0	37.7	
S 140 Total BTEX	1				0		100.0	95.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
524FREONS_00019	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-May-2024 11:56:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677963.D

Injection Date: 22-May-2024 07:31:09 Instrument ID: CVOAMS15

Lims ID: CCVIS

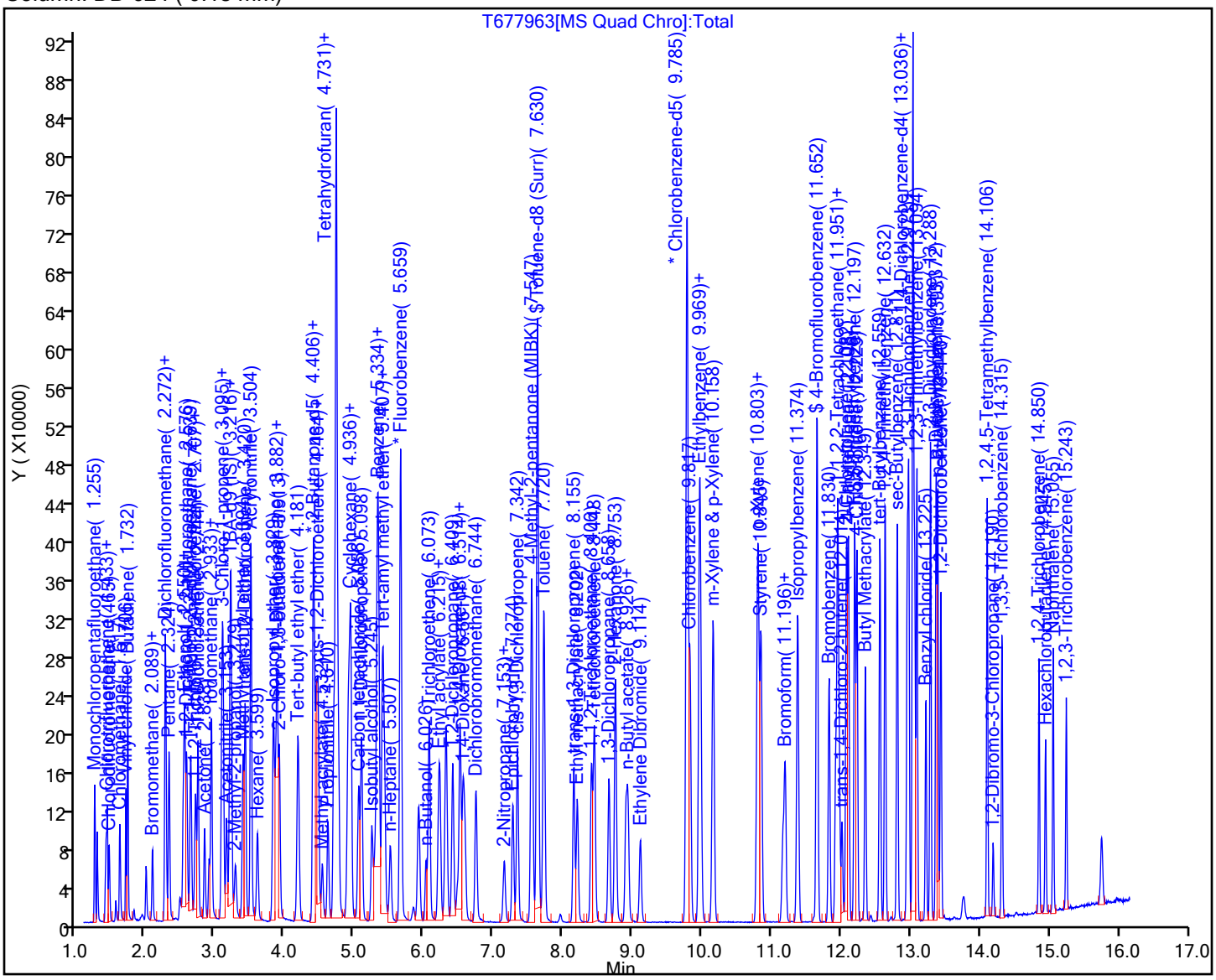
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

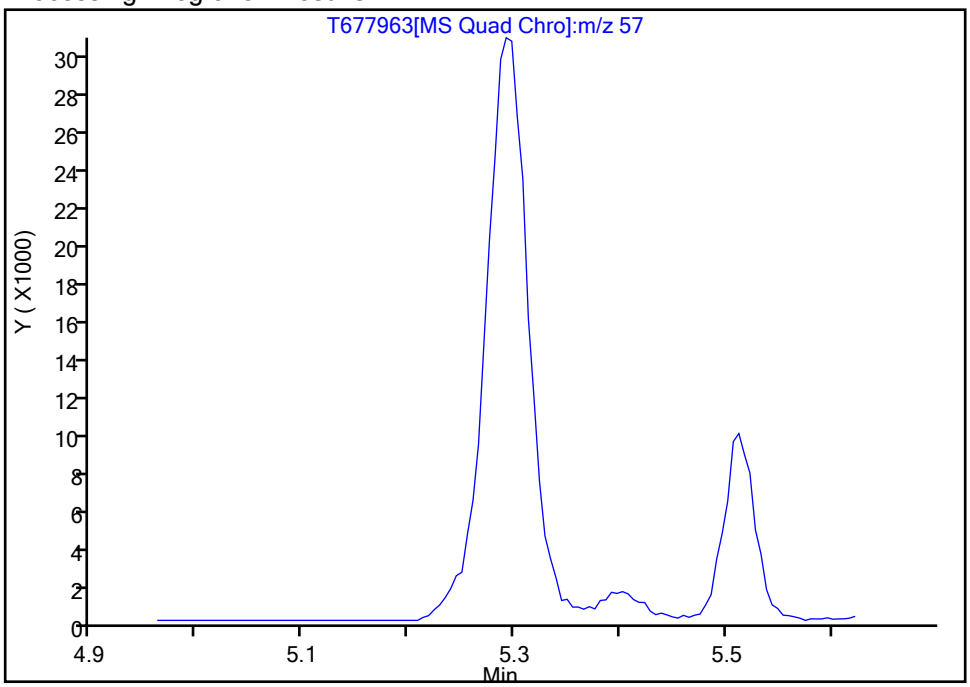
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677963.D
Injection Date: 22-May-2024 07:31:09 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

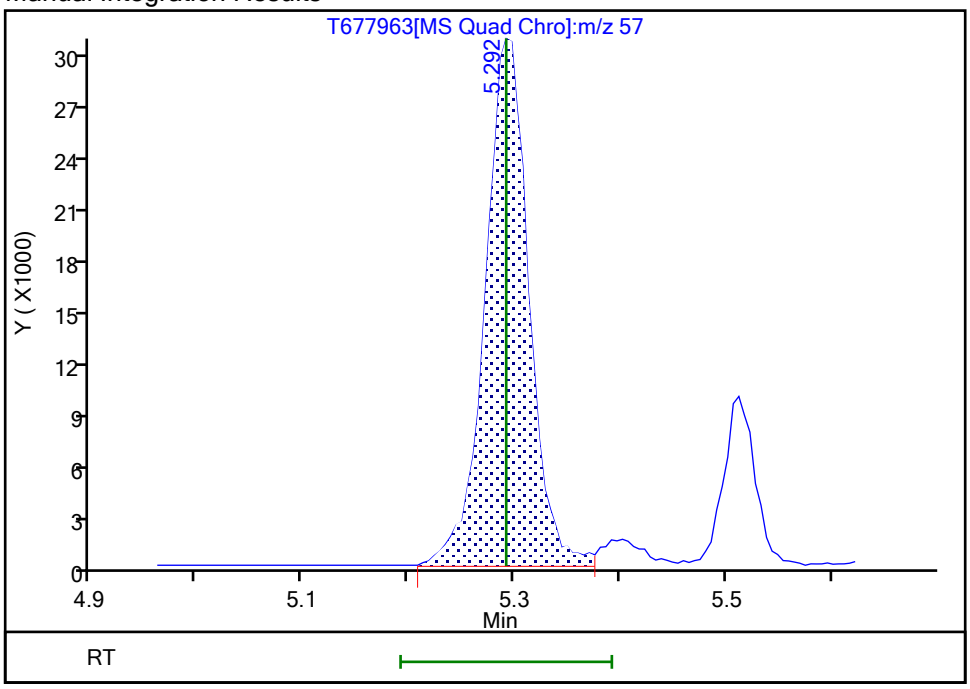
Not Detected
Expected RT: 5.29

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 86564
Amount: 11.967051
Amount Units: ug/l



Reviewer: FK2C, 22-May-2024 07:51:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

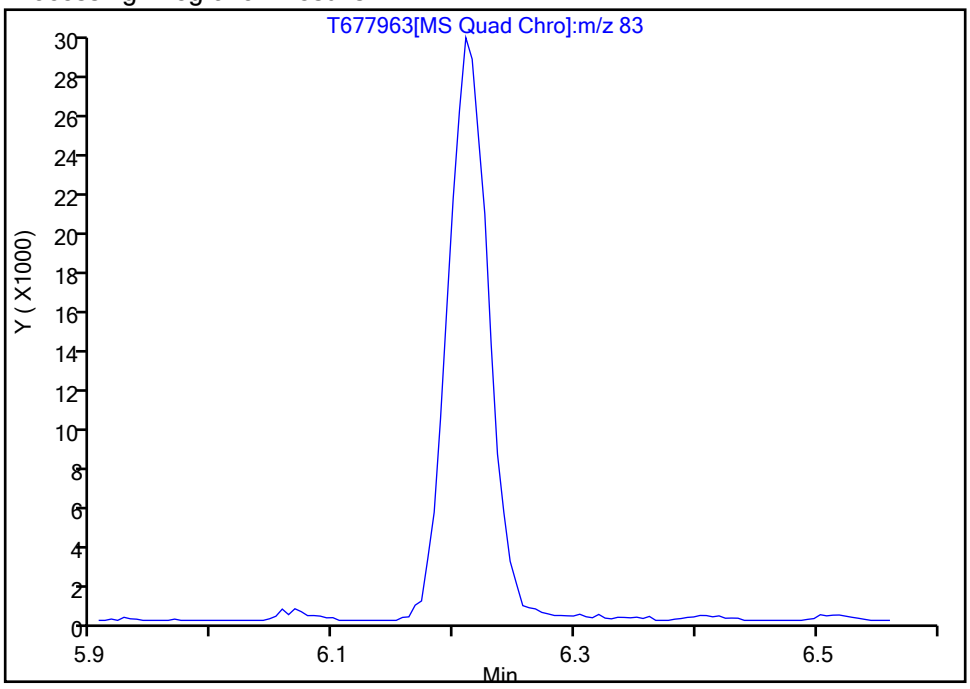
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677963.D
Injection Date: 22-May-2024 07:31:09 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

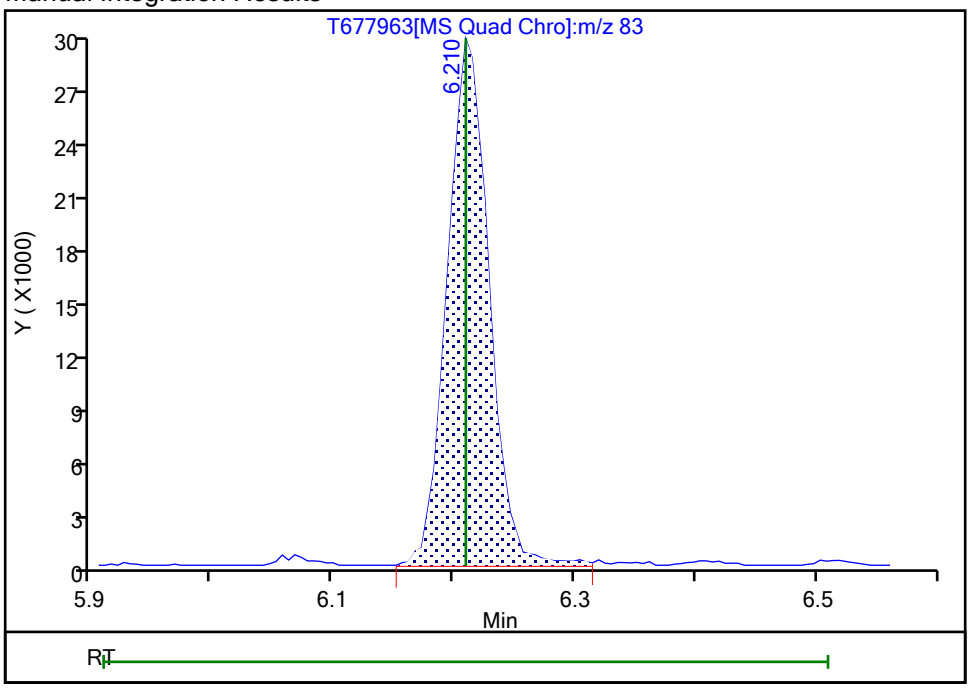
Not Detected
Expected RT: 6.21

Processing Integration Results



Manual Integration Results

RT: 6.21
Area: 69856
Amount: 14.681550
Amount Units: ug/l



Reviewer: FK2C, 22-May-2024 07:51:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1175	0.1256		21.4	20.0	6.9	30.0
1,1-Difluoroethane	Ave	0.1690	0.1961		23.2	20.0	16.0	30.0
Dichlorodifluoromethane	Ave	0.3630	0.2884	0.1000	15.9	20.0	-20.6	30.0
Chlorodifluoromethane	Ave	0.0569	0.0496		17.4	20.0	-12.8	30.0
Chloromethane	Ave	0.3510	0.3161	0.1000	18.0	20.0	-9.9	30.0
Butadiene	Ave	0.3042	0.2582		17.0	20.0	-15.1	30.0
Vinyl chloride	Ave	0.3249	0.3120	0.1000	19.2	20.0	-4.0	30.0
Bromomethane	Ave	0.2063	0.2114	0.1000	20.5	20.0	2.5	30.0
Chloroethane	Ave	0.1814	0.1787	0.1000	19.7	20.0	-1.5	30.0
Dichlorofluoromethane	Ave	0.5920	0.5252		17.7	20.0	-11.3	30.0
Trichlorofluoromethane	Ave	0.3934	0.3484	0.1000	17.7	20.0	-11.4	30.0
Pentane	Ave	0.0540	0.0376		27.9	40.0	-30.3*	30.0
Ethanol	Ave	0.3644	0.2967		652	800	-18.6	30.0
Ethyl ether	Ave	0.1501	0.1470		19.6	20.0	-2.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2737	0.2521		18.4	20.0	-7.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2771	0.3035		21.9	20.0	9.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4304	0.4853		22.5	20.0	12.7	30.0
Acrolein	Ave	0.0324	0.0199		24.3	39.5	-38.6*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2797	0.2971	0.1000	21.2	20.0	6.2	30.0
1,1-Dichloroethene	Ave	0.2806	0.3060	0.1000	21.8	20.0	9.1	30.0
Acetone	Ave	0.8442	0.7303	0.0500	86.5	100	-13.5	30.0
Iodomethane	Ave	0.5182	0.5492		21.2	20.0	6.0	30.0
Isopropyl alcohol	Ave	3.934	3.591		183	200	-8.7	30.0
Carbon disulfide	Ave	1.076	1.055	0.1000	19.6	20.0	-1.9	30.0
3-Chloro-1-propene	Ave	0.1909	0.1942		20.3	20.0	1.7	30.0
Methyl acetate	Ave	0.1149	0.1128	0.1000	39.3	40.0	-1.8	30.0
Cyclopentene	Ave	0.6389	0.5696		17.8	20.0	-10.8	30.0
Acetonitrile	Ave	0.3426	0.3725		217	200	8.7	30.0
Methylene Chloride	Ave	0.3139	0.3371	0.1000	21.5	20.0	7.4	30.0
2-Methyl-2-propanol	Ave	6.354	6.273		197	200	-1.3	30.0
Methyl tert-butyl ether	Ave	0.6635	0.6993	0.1000	21.1	20.0	5.4	30.0
trans-1,2-Dichloroethene	Ave	0.3143	0.3167	0.1000	20.2	20.0	0.8	30.0
Acrylonitrile	Ave	0.0607	0.0609		201	200	0.3	30.0
Hexane	Ave	0.3951	0.3833		19.4	20.0	-3.0	30.0
Isopropyl ether	Ave	0.9468	0.9311		19.7	20.0	-1.7	30.0
1,1-Dichloroethane	Ave	0.5274	0.5600	0.2000	21.2	20.0	6.2	30.0
Vinyl acetate	Ave	0.6968	0.7853		45.1	40.0	12.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2641	0.2747		20.8	20.0	4.0	30.0
Tert-butyl ethyl ether	Ave	0.8229	0.8653		21.0	20.0	5.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1113	0.1124		20.2	20.0	1.1	30.0
cis-1,2-Dichloroethene	Ave	0.3281	0.3405	0.1000	20.8	20.0	3.8	30.0
Ethyl acetate	Ave	0.3486	0.3556		40.8	40.0	2.0	30.0
Methyl Ethyl Ketone	Ave	0.3150	0.3096	0.0500	98.3	100	-1.7	30.0
Methyl acrylate	Ave	0.1405	0.1317		18.8	20.0	-6.2	30.0
Propionitrile	Ave	8.820	8.328		189	200	-5.6	30.0
Tetrahydrofuran	Ave	0.3509	0.3399		38.7	40.0	-3.1	30.0
Chlorobromomethane	Ave	0.1381	0.1372		19.9	20.0	-0.7	30.0
Methacrylonitrile	Ave	0.0650	0.0693		213	200	6.5	30.0
Chloroform	Ave	0.4806	0.5102	0.2000	21.2	20.0	6.2	30.0
Cyclohexane	Ave	0.4319	0.4377	0.1000	20.3	20.0	1.3	30.0
1,1,1-Trichloroethane	Ave	0.4122	0.4505	0.1000	21.9	20.0	9.3	30.0
Carbon tetrachloride	Ave	0.3646	0.3790	0.1000	20.8	20.0	4.0	30.0
1,1-Dichloropropene	Ave	0.3880	0.3918		20.2	20.0	1.0	30.0
Isobutyl alcohol	Ave	2.792	2.506		449	500	-10.2	30.0
Isooctane	Ave	0.9912	1.007		20.3	20.0	1.6	30.0
Benzene	Ave	1.595	1.673	0.5000	21.0	20.0	4.9	30.0
Isopropyl acetate	Ave	0.1071	0.1052		19.6	20.0	-1.8	30.0
Tert-amyl methyl ether	Ave	0.7012	0.7475		21.3	20.0	6.6	30.0
1,2-Dichloroethane	Ave	0.2827	0.2790	0.1000	19.7	20.0	-1.3	30.0
n-Heptane	Lin2		0.0717		20.6	20.0	2.8	30.0
n-Butanol	QuaF		1.465		480	500	-3.9	30.0
Trichloroethene	Ave	0.2889	0.2940	0.2000	20.3	20.0	1.7	30.0
Ethyl acrylate	QuaF		0.0355		25.9	20.0	29.7	30.0
Methylcyclohexane	Ave	0.4984	0.4940	0.1000	19.8	20.0	-0.9	30.0
1,2-Dichloropropane	Ave	0.2898	0.3058	0.1000	21.1	20.0	5.5	30.0
Methyl methacrylate	Ave	0.0467	0.0479		41.0	40.0	2.5	30.0
1,4-Dioxane	Ave	1.132	0.9563		338	400	-15.5	30.0
Dibromomethane	Ave	0.1276	0.1372		21.5	20.0	7.6	30.0
n-Propyl acetate	Ave	0.2207	0.2189		19.8	20.0	-0.8	30.0
Bromodichloromethane	Ave	0.3372	0.3455	0.2000	20.5	20.0	2.5	30.0
2-Nitropropane	QuaF		0.0426		51.0	40.0	27.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1244	0.1184		19.0	20.0	-4.8	30.0
Epichlorohydrin	QuaF		0.2730		23.3	20.0	16.3	30.0
cis-1,3-Dichloropropene	Ave	0.5962	0.5786	0.2000	19.4	20.0	-2.9	30.0
methyl isobutyl ketone	Ave	1.066	1.132	0.0500	106	100	6.2	30.0
Toluene	Ave	1.659	1.687	0.4000	20.3	20.0	1.7	30.0
trans-1,3-Dichloropropene	Ave	0.4566	0.4958	0.1000	21.7	20.0	8.6	30.0
Ethyl methacrylate	Ave	0.3806	0.3740		19.7	20.0	-1.7	30.0
1,1,2-Trichloroethane	Ave	0.2161	0.2374	0.1000	22.0	20.0	9.9	30.0
Tetrachloroethene	Ave	0.4032	0.4206	0.2000	20.9	20.0	4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4294	0.4587		21.4	20.0	6.8	30.0
2-Hexanone	Ave	1.617	1.639	0.0500	101	100	1.4	30.0
n-Butyl acetate	Ave	0.3635	0.3677		20.2	20.0	1.2	30.0
Dibromochloromethane	Ave	0.3088	0.3160	0.1000	20.5	20.0	2.3	30.0
Ethylene Dibromide	Ave	0.2440	0.2495	0.1000	20.5	20.0	2.3	30.0
Chlorobenzene	Ave	0.9879	1.046	0.5000	21.2	20.0	5.8	30.0
Ethylbenzene	Ave	0.5593	0.5859	0.1000	21.0	20.0	4.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3904	0.4055		20.8	20.0	3.9	30.0
m-Xylene & p-Xylene	Ave	0.6884	0.7304	0.1000	21.2	20.0	6.1	30.0
n-Butyl acrylate	Ave	0.2289	0.2226		19.4	20.0	-2.8	30.0
o-Xylene	Ave	0.7103	0.7398	0.3000	20.8	20.0	4.2	30.0
Styrene	Ave	1.121	1.199	0.3000	21.4	20.0	7.0	30.0
Amyl acetate (mixed isomers)	Ave	0.9474	0.9031		19.1	20.0	-4.7	30.0
Bromoform	Ave	0.1872	0.2051	0.1000	21.9	20.0	9.5	30.0
Isopropylbenzene	Ave	1.632	1.950	0.1000	23.9	20.0	19.5	30.0
Bromobenzene	Ave	0.8176	0.8477		20.7	20.0	3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5607	0.6042	0.3000	21.6	20.0	7.8	30.0
N-Propylbenzene	Ave	4.066	4.434		21.8	20.0	9.1	30.0
1,2,3-Trichloropropane	Ave	0.1547	0.1537		19.9	20.0	-0.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1274	0.1446		22.7	20.0	13.5	30.0
2-Chlorotoluene	Ave	2.811	2.956		21.0	20.0	5.2	30.0
4-Ethyltoluene	Ave	3.372	3.520		20.9	20.0	4.4	30.0
1,3,5-Trimethylbenzene	Ave	2.862	3.125		21.8	20.0	9.2	30.0
4-Chlorotoluene	Ave	2.514	2.637		21.0	20.0	4.9	30.0
Butyl Methacrylate	Ave	0.9921	1.030		20.8	20.0	3.8	30.0
tert-Butylbenzene	Ave	2.339	2.489		21.3	20.0	6.4	30.0
1,2,4-Trimethylbenzene	Ave	2.972	3.225		21.7	20.0	8.5	30.0
sec-Butylbenzene	Ave	3.690	4.003		21.7	20.0	8.5	30.0
1,3-Dichlorobenzene	Ave	1.589	1.699	0.6000	21.4	20.0	6.9	30.0
4-Isopropyltoluene	Ave	3.157	3.367		21.3	20.0	6.6	30.0
1,4-Dichlorobenzene	Ave	1.540	1.665	0.5000	21.6	20.0	8.1	30.0
1,2,3-Trimethylbenzene	Ave	3.084	3.128		20.3	20.0	1.4	30.0
Benzyl chloride	Ave	1.192	1.266		21.2	20.0	6.2	30.0
Indan	Ave	2.773	2.908		21.0	20.0	4.9	30.0
p-Diethylbenzene	Ave	1.993	2.074		20.8	20.0	4.0	30.0
n-Butylbenzene	Ave	1.679	1.809		21.6	20.0	7.8	30.0
1,2-Dichlorobenzene	Ave	1.466	1.551	0.4000	21.2	20.0	5.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.979	3.239		21.7	20.0	8.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0894	0.0821	0.0500	18.4	20.0	-8.2	30.0
1,3,5-Trichlorobenzene	Ave	1.367	1.456		21.3	20.0	6.5	30.0
1,2,4-Trichlorobenzene	Ave	1.107	1.177	0.2000	21.3	20.0	6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7040	0.7456		21.2	20.0	5.9	30.0
Naphthalene	Ave	1.611	1.711		21.2	20.0	6.2	30.0
1,2,3-Trichlorobenzene	Ave	0.8699	0.8841		20.3	20.0	1.6	30.0
Monochloropentafluoroethane	Ave	0.0046	0.0003		5.00	20.0	-92.7*	30.0
Dibromofluoromethane (Surr)	Ave	0.2434	0.2508		51.5	50.0	3.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2339	0.2339		50.0	50.0	0.0	30.0
Toluene-d8 (Surr)	Ave	1.335	1.335		50.0	50.0	-0.0	30.0
4-Bromofluorobenzene	Ave	0.4120	0.4118		50.0	50.0	-0.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 09-May-2024 13:03:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0175641-016
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 13:17:21 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 13:42:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	59	29538	20.0	21.4	
2 1,1-Difluoroethane	65	1.372	1.366	0.006	97	46098	20.0	23.2	
4 Dichlorodifluoromethane	85	1.390	1.391	-0.001	98	67802	20.0	15.9	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	11661	20.0	17.4	a
6 Chloromethane	50	1.555	1.549	0.006	99	74330	20.0	18.0	
7 Vinyl chloride	62	1.640	1.641	-0.001	98	73348	20.0	19.2	
8 Butadiene	54	1.640	1.641	-0.001	89	60699	20.0	17.0	
9 Bromomethane	94	1.902	1.897	0.005	99	49704	20.0	20.5	
10 Chloroethane	64	1.969	1.964	0.005	99	42011	20.0	19.7	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	98	123492	20.0	17.7	
12 Trichlorofluoromethane	101	2.134	2.140	-0.006	64	81917	20.0	17.7	
13 Pentane	72	2.165	2.159	0.006	97	17685	40.0	27.9	
14 Ethanol	46	2.305	2.329	-0.024	66	6635	800.0	651.5	a
15 Ethyl ether	74	2.341	2.336	0.005	96	34567	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	96	59268	20.0	18.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.408	2.390	0.018	83	71359	20.0	21.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	90	114097	20.0	22.5	
19 Acrolein	56	2.500	2.500	0.000	52	9239	39.5	24.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	93	69848	20.0	21.2	a
21 1,1-Dichloroethene	96	2.536	2.537	-0.001	98	71957	20.0	21.8	
22 Acetone	43	2.616	2.616	0.000	88	48425	100.0	86.5	
23 Iodomethane	142	2.683	2.683	0.000	97	129133	20.0	21.2	
25 Isopropyl alcohol	45	2.695	2.695	0.000	34	20072	200.0	182.6	
24 Carbon disulfide	76	2.713	2.714	-0.001	99	248128	20.0	19.6	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	94	45653	20.0	20.3	
27 Methyl acetate	43	2.847	2.848	-0.001	58	53054	40.0	39.3	
28 Cyclopentene	67	2.860	2.860	0.000	92	133938	20.0	17.8	
29 Acetonitrile	41	2.896	2.902	-0.006	95	49398	200.0	217.4	a
* 31 TBA-d9 (IS)	66	2.945	2.951	-0.006	0	27950	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	92	79272	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.018	3.012	0.006	97	35067	200.0	197.4	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	164434	20.0	21.1	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	74456	20.0	20.2	
35 Acrylonitrile	53	3.207	3.201	0.006	95	143134	200.0	200.6	
36 Hexane	57	3.286	3.293	-0.007	93	90123	20.0	19.4	
37 Isopropyl ether	45	3.494	3.488	0.006	95	218931	20.0	19.7	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	131671	20.0	21.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	20829	40.0	45.1	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	64584	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.798	3.793	0.005	88	203450	20.0	21.0	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	165766	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	88	26438	20.0	20.2	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	97	80052	20.0	20.8	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	20527	100.0	98.3	
46 Ethyl acetate	70	4.036	4.036	0.000	94	9432	40.0	40.8	
47 Methyl acrylate	55	4.091	4.085	0.006	99	30974	20.0	18.8	
48 Propionitrile	54	4.164	4.164	0.000	98	46552	200.0	188.8	
50 Tetrahydrofuran	72	4.237	4.232	0.005	53	9015	40.0	38.7	
49 Chlorobromomethane	128	4.243	4.238	0.005	84	32260	20.0	19.9	
51 Methacrylonitrile	67	4.262	4.262	0.000	90	162868	200.0	213.1	
52 Chloroform	83	4.292	4.292	0.000	99	119952	20.0	21.2	
53 Cyclohexane	84	4.426	4.427	-0.001	92	102904	20.0	20.3	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	97	105916	20.0	21.9	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	147404	50.0	51.5	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	99	89118	20.0	20.8	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	92133	20.0	20.2	
58 Isobutyl alcohol	43	4.701	4.695	0.006	96	35027	500.0	448.9	
59 Isooctane	57	4.749	4.744	0.005	99	236697	20.0	20.3	
60 Benzene	78	4.774	4.774	0.000	97	281559	20.0	21.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	137503	50.0	50.0	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	24746	20.0	19.6	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	175745	20.0	21.3	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	65602	20.0	19.7	
65 n-Heptane	100	4.932	4.926	0.006	91	16857	20.0	20.6	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	587812	50.0	50.0	
67 n-Butanol	56	5.353	5.347	0.006	93	20467	500.0	480.4	
68 Trichloroethene	95	5.402	5.402	0.000	100	69121	20.0	20.3	
69 Methylcyclohexane	83	5.524	5.524	0.000	85	116158	20.0	19.8	
70 Ethyl acrylate	99	5.524	5.530	-0.006	93	8355	20.0	25.9	a
71 1,2-Dichloropropane	63	5.682	5.682	0.000	94	71899	20.0	21.1	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	17586	1000.0	1000.0	
73 Methyl methacrylate	100	5.761	5.762	-0.001	87	22519	40.0	41.0	
75 1,4-Dioxane	88	5.792	5.786	0.006	48	6727	400.0	337.8	
74 Dibromomethane	93	5.810	5.810	0.000	96	32266	20.0	21.5	
76 n-Propyl acetate	43	5.822	5.817	0.005	98	51461	20.0	19.8	
77 Dichlorobromomethane	83	5.957	5.957	-0.001	99	81240	20.0	20.5	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	82	27841	20.0	19.0	
78 2-Nitropropane	41	6.292	6.292	0.000	79	20026	40.0	51.0	
80 Epichlorohydrin	57	6.402	6.396	0.006	89	3620	20.0	23.3	
81 cis-1,3-Dichloropropene	75	6.450	6.451	-0.001	91	97384	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	96	75050	100.0	106.2	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	561525	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.773	6.774	-0.001	93	283886	20.0	20.3	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	83448	20.0	21.7	
86 Ethyl methacrylate	69	7.151	7.158	-0.007	87	62944	20.0	19.7	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	98	39951	20.0	22.0	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	70791	20.0	20.9	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	92	77194	20.0	21.4	
90 2-Hexanone	43	7.603	7.603	0.000	95	108693	100.0	101.4	
91 n-Butyl acetate	43	7.724	7.725	-0.001	99	61881	20.0	20.2	
92 Chlorodibromomethane	129	7.767	7.761	0.006	98	53188	20.0	20.5	
93 Ethylene Dibromide	107	7.913	7.914	-0.001	97	41999	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	420753	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	175969	20.0	21.2	
96 Ethylbenzene	106	8.608	8.603	0.005	98	98608	20.0	21.0	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	95	68245	20.0	20.8	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	122923	20.0	21.2	
100 n-Butyl acrylate	73	9.273	9.273	0.000	96	37464	20.0	19.4	
99 o-Xylene	106	9.279	9.279	0.000	94	124514	20.0	20.8	
101 Styrene	104	9.310	9.310	0.000	96	201839	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	79100	20.0	19.1	
102 Bromoform	173	9.553	9.548	0.005	76	34520	20.0	21.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	328243	20.0	23.9	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	92	173272	50.0	50.0	
106 Bromobenzene	156	10.065	10.066	-0.001	98	74245	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	10.126	10.127	-0.001	99	52923	20.0	21.6	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	388379	20.0	21.8	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	97	13465	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	92	12669	20.0	22.7	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	258934	20.0	21.0	
112 4-Ethyltoluene	105	10.279	10.279	0.000	97	308291	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	273712	20.0	21.8	
114 4-Chlorotoluene	91	10.382	10.383	-0.001	98	230985	20.0	21.0	
115 Butyl Methacrylate	87	10.468	10.468	0.000	88	90192	20.0	20.8	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	218018	20.0	21.3	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	282499	20.0	21.7	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	350591	20.0	21.7	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	97	148841	20.0	21.4	
120 4-Isopropyltoluene	119	11.010	11.011	-0.001	98	294910	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	11.071	11.072	-0.001	95	218965	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	96	145871	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	273931	20.0	20.3	
124 Benzyl chloride	91	11.230	11.230	0.000	99	110855	20.0	21.2	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	254738	20.0	21.0	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	181649	20.0	20.8	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	158448	20.0	21.6	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	96	135876	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	12.022	12.023	-0.001	98	283695	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	95	7191	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	12.217	12.218	-0.001	97	127484	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.717	12.718	-0.001	94	103083	20.0	21.3	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	65304	20.0	21.2	
134 Naphthalene	128	12.906	12.907	-0.001	99	149828	20.0	21.2	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	96	77434	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	42.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.1	
S 140 Total BTEX	1				0		100.0	104.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN SP_00164	Amount Added:	4.00	Units: uL	
GAS C SP_00566	Amount Added:	20.00	Units: uL	
7 Freons SS_00013	Amount Added:	20.00	Units: uL	
8260 SP_00179	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 13:17:24 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D

Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17

Lims ID: ICV

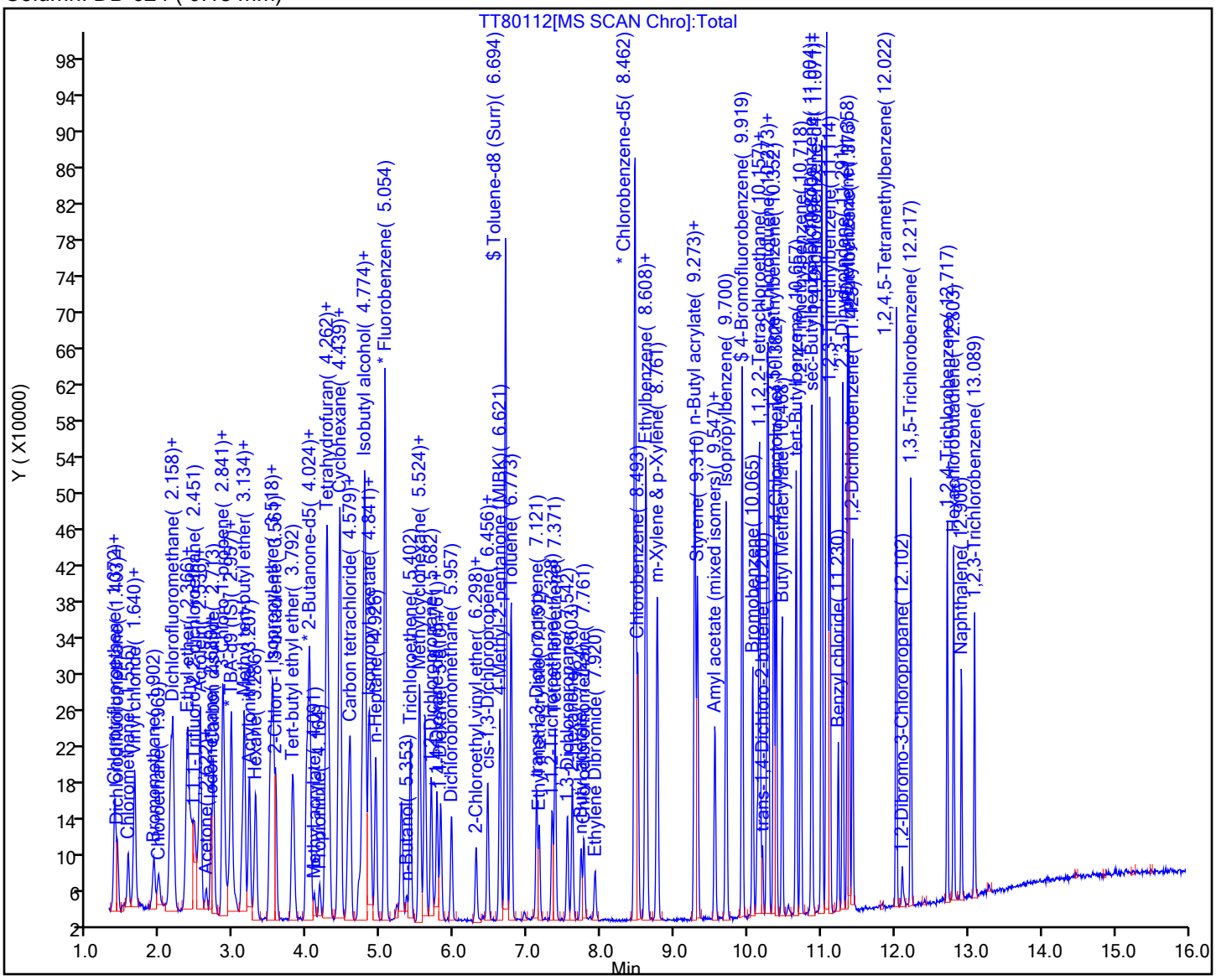
Client ID:

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison

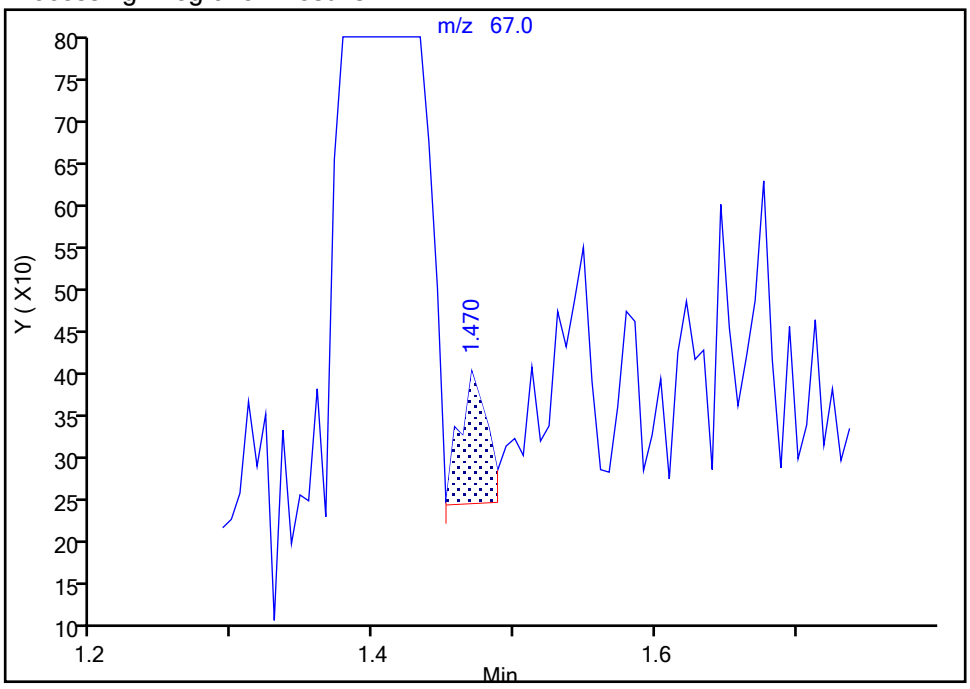
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

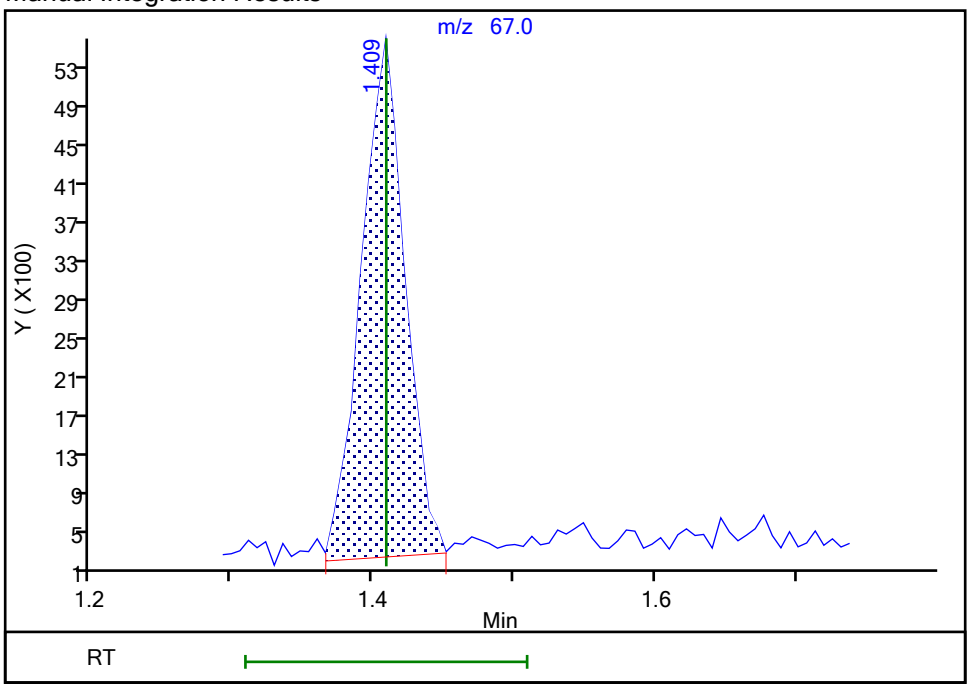
Processing Integration Results

RT: 1.47
Area: 216
Amount: 0.320434
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 11661
Amount: 17.445857
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

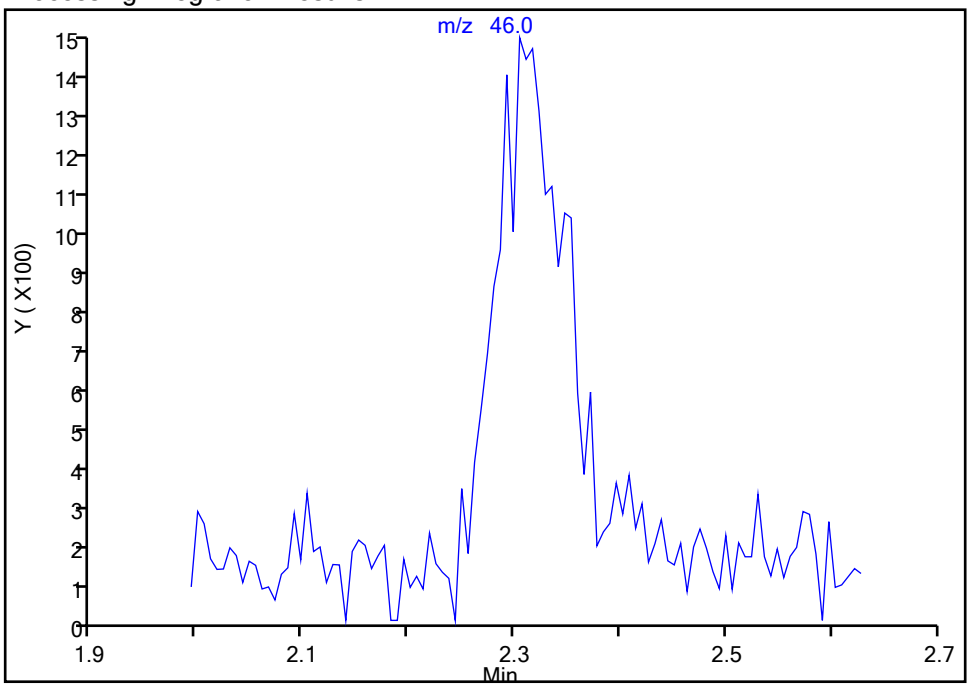
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

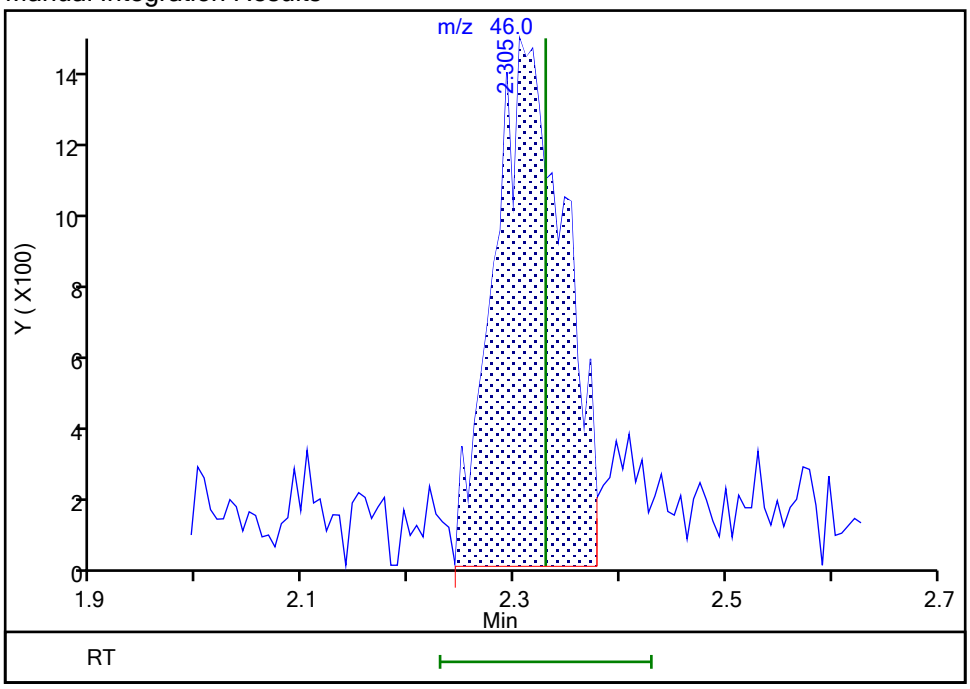
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.30
Area: 6635
Amount: 651.5174
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 13:41:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

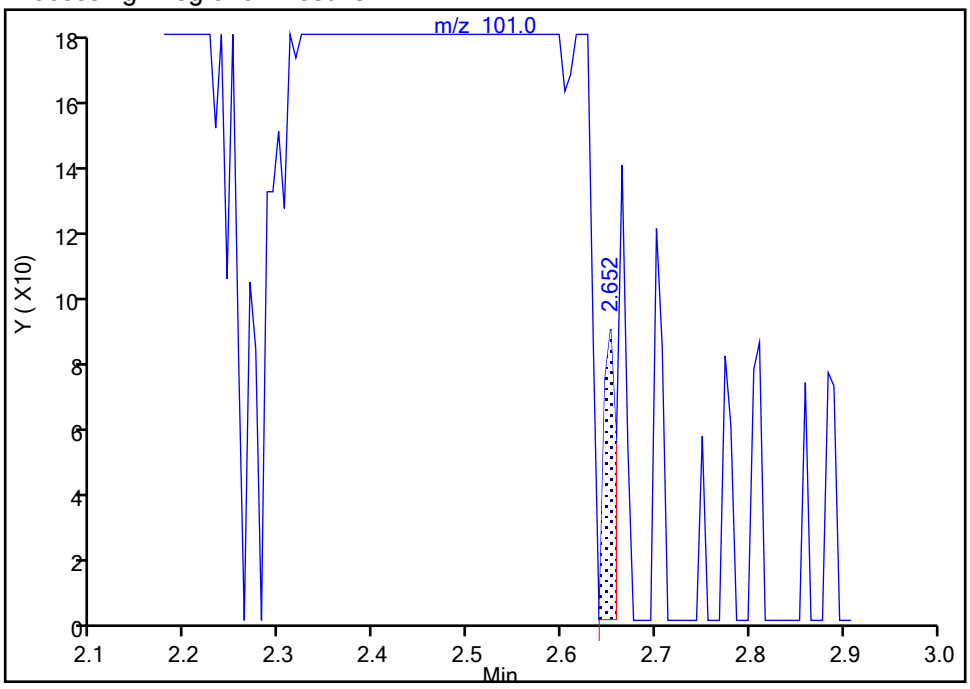
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

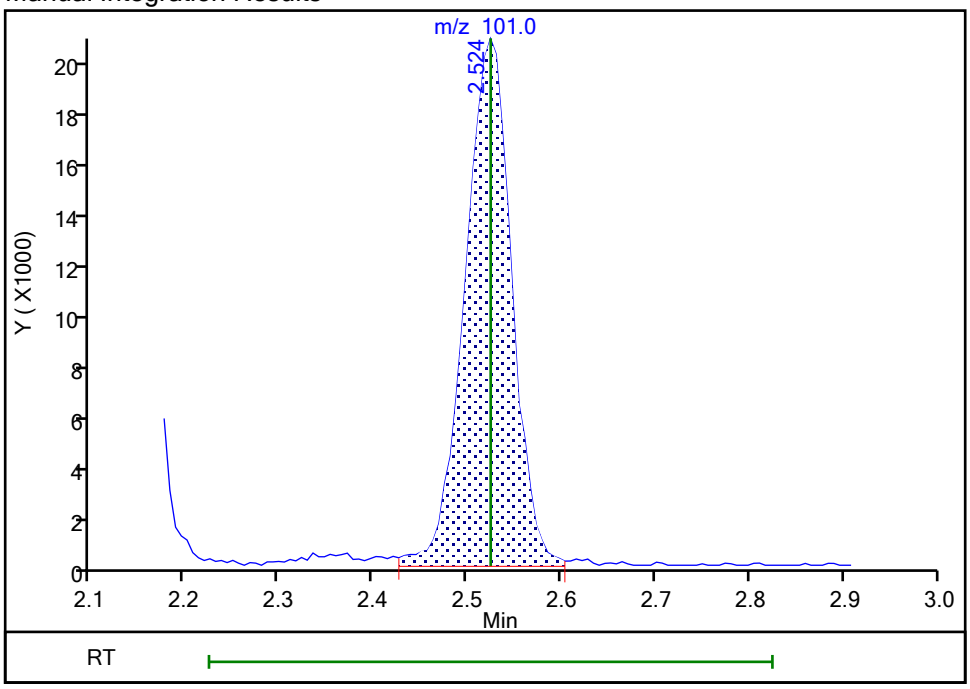
Processing Integration Results

RT: 2.65
Area: 78
Amount: 0.022781
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 69848
Amount: 21.244787
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 13:41:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

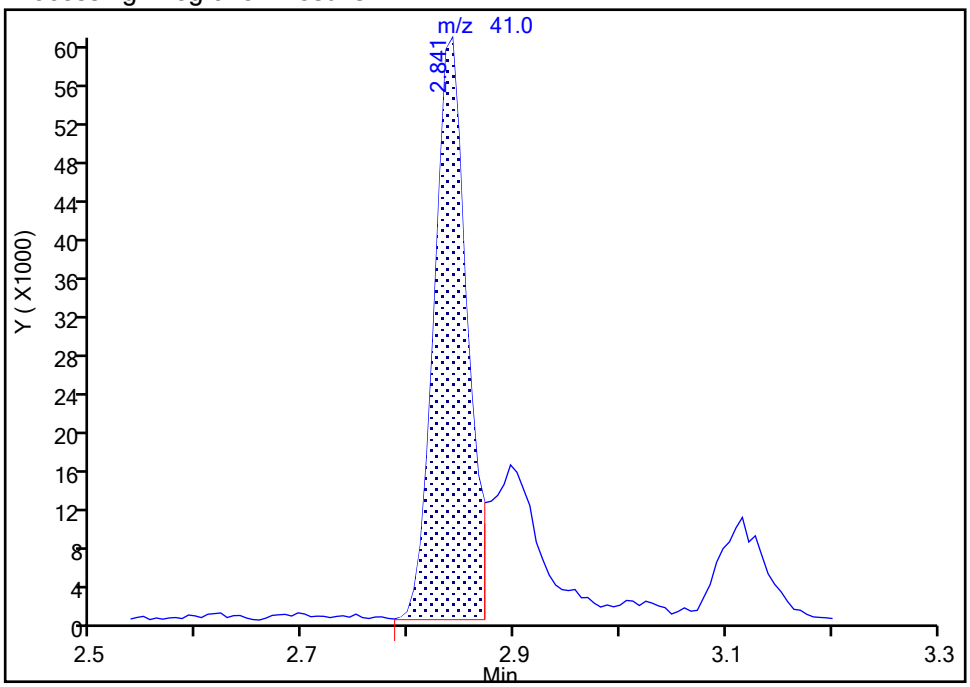
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

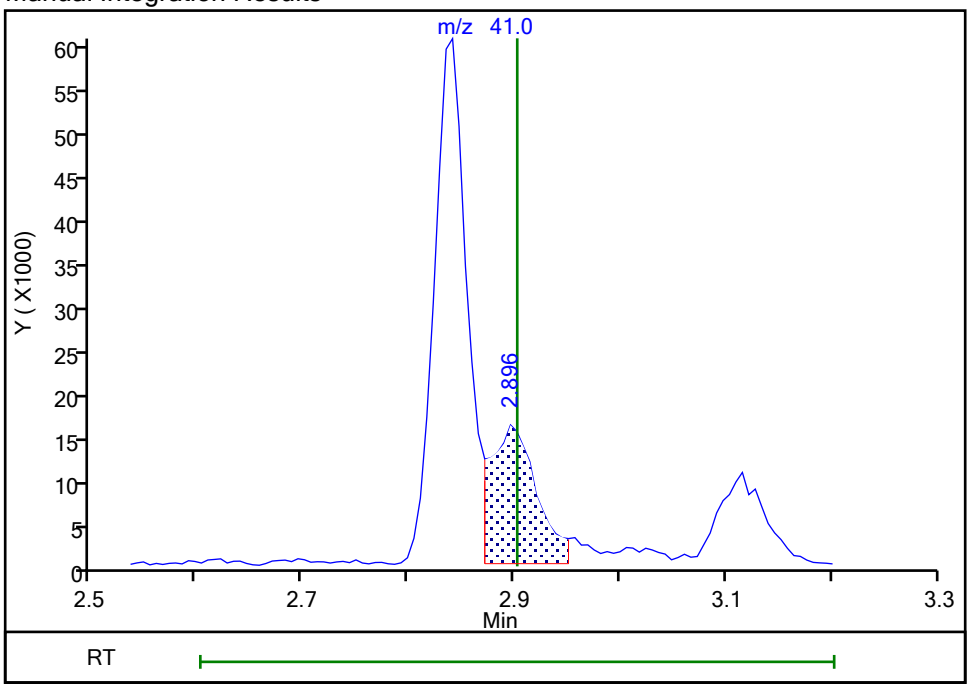
Processing Integration Results

RT: 2.84
Area: 130845
Amount: 599.1465
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 49398
Amount: 217.4370
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

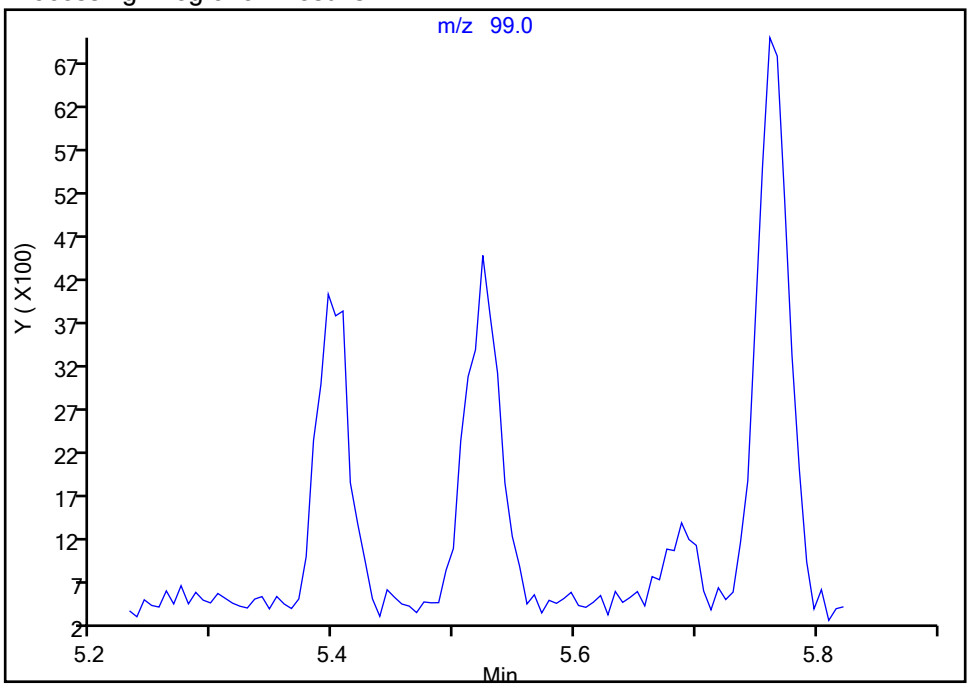
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

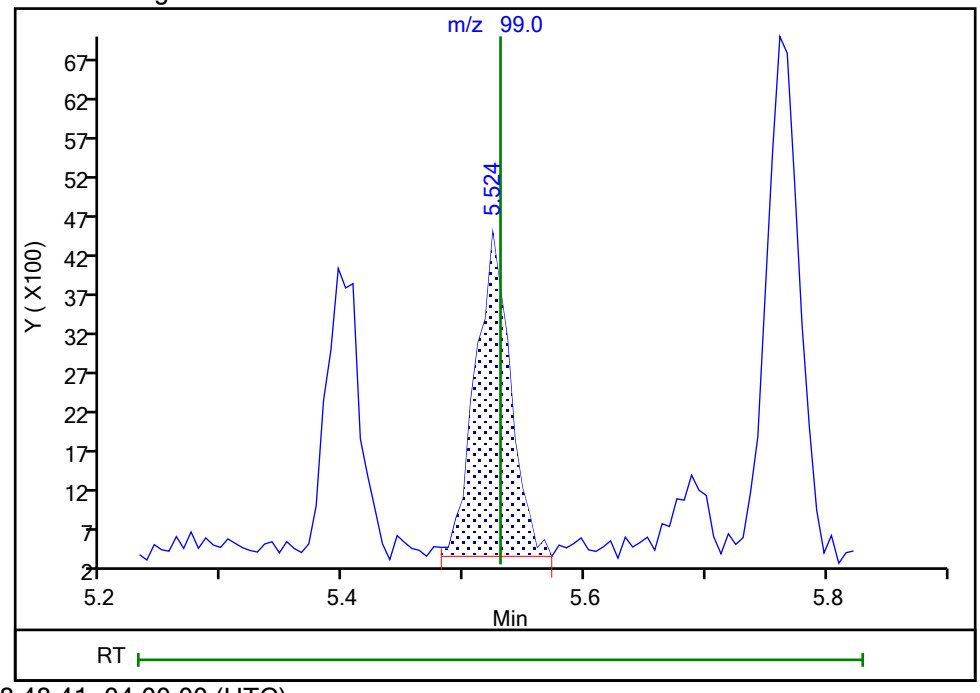
Not Detected
Expected RT: 5.53

Processing Integration Results



Manual Integration Results

RT: 5.52
Area: 8355
Amount: 25.947077
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976394/5 Calibration Date: 05/23/2024 06:49

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80708.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1175	0.1114		19.0	20.0	-5.2	20.0
1,1-Difluoroethane	Ave	0.1690	0.1833		21.7	20.0	8.4	20.0
Dichlorodifluoromethane	Ave	0.3630	0.2690	0.1000	14.8	20.0	-25.9*	20.0
Chlorodifluoromethane	Ave	0.0569	0.0627		22.1	20.0	10.4	20.0
Chloromethane	Ave	0.3510	0.3313	0.1000	18.9	20.0	-5.6	20.0
Butadiene	Ave	0.3042	0.2562		16.8	20.0	-15.8	20.0
Vinyl chloride	Ave	0.3249	0.3272	0.1000	20.1	20.0	0.7	20.0
Bromomethane	Ave	0.2063	0.2314	0.1000	22.4	20.0	12.2	50.0
Chloroethane	Ave	0.1814	0.1985	0.1000	21.9	20.0	9.4	50.0
Dichlorofluoromethane	Ave	0.5920	0.6754		22.8	20.0	14.1	20.0
Trichlorofluoromethane	Ave	0.3934	0.3866	0.1000	19.7	20.0	-1.7	20.0
Pentane	Ave	0.0540	0.0474		35.1	40.0	-12.2	20.0
Ethanol	Ave	0.3644	0.4438		975	800	21.8	50.0
Ethyl ether	Ave	0.1501	0.1431		19.1	20.0	-4.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2737	0.2467		18.0	20.0	-9.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2771	0.3127		22.6	20.0	12.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4304	0.4596		21.4	20.0	6.8	20.0
Acrolein	Ave	0.0324	0.0218		27.0	40.0	-32.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2797	0.2812	0.1000	20.1	20.0	0.6	20.0
1,1-Dichloroethene	Ave	0.2806	0.3116	0.1000	22.2	20.0	11.0	20.0
Acetone	Ave	0.8442	0.7652	0.0500	90.6	100	-9.4	50.0
Iodomethane	Ave	0.5182	0.6068		23.4	20.0	17.1	20.0
Isopropyl alcohol	Ave	3.934	4.181		213	200	6.3	50.0
Carbon disulfide	Ave	1.076	1.116	0.1000	20.7	20.0	3.7	50.0
3-Chloro-1-propene	Ave	0.1909	0.2043		21.4	20.0	7.0	20.0
Methyl acetate	Ave	0.1149	0.1003	0.1000	34.9	40.0	-12.7	20.0
Cyclopentene	Ave	0.6389	0.6328		19.8	20.0	-1.0	20.0
Acetonitrile	Ave	0.3426	0.3662		214	200	6.9	20.0
Methylene Chloride	Ave	0.3139	0.3339	0.1000	21.3	20.0	6.4	20.0
2-Methyl-2-propanol	Ave	6.354	7.375		232	200	16.1	50.0
Methyl tert-butyl ether	Ave	0.6635	0.6783	0.1000	20.4	20.0	2.2	20.0
trans-1,2-Dichloroethene	Ave	0.3143	0.3340	0.1000	21.3	20.0	6.3	20.0
Acrylonitrile	Ave	0.0607	0.0535		176	200	-11.8	20.0
Hexane	Ave	0.3951	0.3633		18.4	20.0	-8.0	20.0
Isopropyl ether	Ave	0.9468	0.9058		19.1	20.0	-4.3	20.0
1,1-Dichloroethane	Ave	0.5274	0.5429	0.2000	20.6	20.0	2.9	20.0
Vinyl acetate	Ave	0.6968	0.8332		47.8	40.0	19.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2641	0.2622		19.9	20.0	-0.7	20.0
Tert-butyl ethyl ether	Ave	0.8229	0.8179		19.9	20.0	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976394/5 Calibration Date: 05/23/2024 06:49

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80708.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1113	0.1169		21.0	20.0	5.0	20.0
cis-1,2-Dichloroethene	Ave	0.3281	0.3447	0.1000	21.0	20.0	5.1	20.0
Methyl Ethyl Ketone	Ave	0.3150	0.3350	0.0500	106	100	6.3	50.0
Ethyl acetate	Ave	0.3486	0.3348		38.4	40.0	-4.0	20.0
Methyl acrylate	Ave	0.1405	0.1275		18.2	20.0	-9.2	20.0
Propionitrile	Ave	8.820	10.23		232	200	15.9	20.0
Tetrahydrofuran	Ave	0.3509	0.3871		44.1	40.0	10.3	20.0
Chlorobromomethane	Ave	0.1381	0.1504		21.8	20.0	8.9	20.0
Methacrylonitrile	Ave	0.0650	0.0623		192	200	-4.2	20.0
Chloroform	Ave	0.4806	0.5092	0.2000	21.2	20.0	6.0	20.0
Cyclohexane	Ave	0.4319	0.4283	0.1000	19.8	20.0	-0.8	50.0
1,1,1-Trichloroethane	Ave	0.4122	0.4609	0.1000	22.4	20.0	11.8	20.0
Carbon tetrachloride	Ave	0.3646	0.3894	0.1000	21.4	20.0	6.8	20.0
1,1-Dichloropropene	Ave	0.3880	0.3934		20.3	20.0	1.4	20.0
Isobutyl alcohol	Ave	2.792	2.769		496	500	-0.8	50.0
Isooctane	Ave	0.9912	0.8833		17.8	20.0	-10.9	20.0
Benzene	Ave	1.595	1.635	0.5000	20.5	20.0	2.5	20.0
Isopropyl acetate	Ave	0.1071	0.0957		17.9	20.0	-10.7	20.0
Tert-amyl methyl ether	Ave	0.7012	0.7079		20.2	20.0	1.0	20.0
1,2-Dichloroethane	Ave	0.2827	0.2648	0.1000	18.7	20.0	-6.3	20.0
n-Heptane	Lin2		0.0654		18.7	20.0	-6.4	20.0
n-Butanol	QuaF		1.711		561	500	12.2	50.0
Trichloroethene	Ave	0.2889	0.2884	0.2000	20.0	20.0	-0.2	20.0
Ethyl acrylate	QuaF		0.0315		23.0	20.0	15.2	20.0
Methylcyclohexane	Ave	0.4984	0.4501	0.1000	18.1	20.0	-9.7	50.0
1,2-Dichloropropane	Ave	0.2898	0.2831	0.1000	19.5	20.0	-2.3	20.0
Methyl methacrylate	Ave	0.0467	0.0389		33.3	40.0	-16.8	20.0
1,4-Dioxane	Ave	1.132	1.145		404	400	1.1	50.0
Dibromomethane	Ave	0.1276	0.1265		19.8	20.0	-0.8	20.0
n-Propyl acetate	Ave	0.2207	0.1817		16.5	20.0	-17.7	20.0
Bromodichloromethane	Ave	0.3372	0.3053	0.2000	18.1	20.0	-9.5	20.0
2-Nitropropane	QuaF		0.0265		31.8	40.0	-20.5*	20.0
2-Chloroethyl vinyl ether	Ave	0.1244	0.1044		16.8	20.0	-16.0	20.0
Epichlorohydrin	QuaF		0.2467		421	400	5.3	20.0
cis-1,3-Dichloropropene	Ave	0.5962	0.5293	0.2000	17.8	20.0	-11.2	50.0
methyl isobutyl ketone	Ave	1.066	1.117	0.0500	105	100	4.8	50.0
Toluene	Ave	1.659	1.647	0.4000	19.9	20.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.4566	0.3905	0.1000	17.1	20.0	-14.5	50.0
Ethyl methacrylate	Ave	0.3806	0.2974		15.6	20.0	-21.9*	20.0
1,1,2-Trichloroethane	Ave	0.2161	0.2069	0.1000	19.1	20.0	-4.3	20.0
Tetrachloroethene	Ave	0.4032	0.4637	0.2000	23.0	20.0	15.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976394/5 Calibration Date: 05/23/2024 06:49

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80708.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4294	0.3990		18.6	20.0	-7.1	20.0
2-Hexanone	Ave	1.617	1.492	0.0500	92.3	100	-7.7	50.0
n-Butyl acetate	Ave	0.3635	0.2719		15.0	20.0	-25.2*	20.0
Dibromochloromethane	Ave	0.3088	0.2853	0.1000	18.5	20.0	-7.6	50.0
Ethylene Dibromide	Ave	0.2440	0.2188	0.1000	17.9	20.0	-10.3	20.0
Chlorobenzene	Ave	0.9879	1.037	0.5000	21.0	20.0	5.0	20.0
Ethylbenzene	Ave	0.5593	0.5957	0.1000	21.3	20.0	6.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3904	0.3810		19.5	20.0	-2.4	20.0
m-Xylene & p-Xylene	Ave	0.6884	0.7288	0.1000	21.2	20.0	5.9	20.0
n-Butyl acrylate	Ave	0.2289	0.1718		15.0	20.0	-24.9*	20.0
o-Xylene	Ave	0.7103	0.7220	0.3000	20.3	20.0	1.6	20.0
Styrene	Ave	1.121	1.069	0.3000	19.1	20.0	-4.7	20.0
Amyl acetate (mixed isomers)	Ave	0.9474	0.6789		14.3	20.0	-28.3*	20.0
Bromoform	Ave	0.1872	0.1742	0.1000	18.6	20.0	-7.0	20.0
Isopropylbenzene	Ave	1.632	1.702	0.1000	20.9	20.0	4.3	20.0
Bromobenzene	Ave	0.8176	0.8479		20.7	20.0	3.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5607	0.4817	0.3000	17.2	20.0	-14.1	20.0
N-Propylbenzene	Ave	4.066	3.923		19.3	20.0	-3.5	20.0
1,2,3-Trichloropropane	Ave	0.1547	0.1272		16.4	20.0	-17.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1274	0.0964		15.1	20.0	-24.3*	20.0
2-Chlorotoluene	Ave	2.811	2.661		18.9	20.0	-5.4	20.0
4-Ethyltoluene	Ave	3.372	3.338		19.8	20.0	-1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.862	2.811		19.6	20.0	-1.8	20.0
4-Chlorotoluene	Ave	2.514	2.370		18.9	20.0	-5.7	20.0
Butyl Methacrylate	Ave	0.9921	0.7767		15.7	20.0	-21.7*	20.0
tert-Butylbenzene	Ave	2.339	2.372		20.3	20.0	1.4	20.0
1,2,4-Trimethylbenzene	Ave	2.972	2.900		19.5	20.0	-2.4	20.0
sec-Butylbenzene	Ave	3.690	3.693		20.0	20.0	0.0	20.0
1,3-Dichlorobenzene	Ave	1.589	1.694	0.6000	21.3	20.0	6.6	20.0
4-Isopropyltoluene	Ave	3.157	3.243		20.5	20.0	2.7	20.0
1,4-Dichlorobenzene	Ave	1.540	1.645	0.5000	21.4	20.0	6.8	20.0
1,2,3-Trimethylbenzene	Ave	3.084	2.996		19.4	20.0	-2.9	20.0
Benzyl chloride	Ave	1.192	0.9401		15.8	20.0	-21.1	50.0
Indan	Ave	2.773	2.773		20.0	20.0	0.0	20.0
p-Diethylbenzene	Ave	1.993	2.044		20.5	20.0	2.5	20.0
n-Butylbenzene	Ave	1.679	1.666		19.9	20.0	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.466	1.565	0.4000	21.3	20.0	6.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.979	3.000		20.1	20.0	0.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0894	0.0712	0.0500	15.9	20.0	-20.4	50.0
1,3,5-Trichlorobenzene	Ave	1.367	1.460		21.4	20.0	6.8	20.0
1,2,4-Trichlorobenzene	Ave	1.107	1.186	0.2000	21.4	20.0	7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Lab Sample ID: CCVIS 460-976394/5 Calibration Date: 05/23/2024 06:49

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80708.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7040	0.7576		21.5	20.0	7.6	20.0
Naphthalene	Ave	1.611	1.603		19.9	20.0	-0.5	50.0
1,2,3-Trichlorobenzene	Ave	0.8699	0.9489		21.8	20.0	9.1	20.0
Monochloropentafluoroethane	Ave	0.0046			5.00	20.0		
Dibromofluoromethane (Surr)	Ave	0.2434	0.2538		52.1	50.0	4.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2339	0.2122		45.4	50.0	-9.3	20.0
Toluene-d8 (Surr)	Ave	1.335	1.295		48.5	50.0	-3.0	20.0
4-Bromofluorobenzene	Ave	0.4120	0.4336		52.6	50.0	5.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-May-2024 06:49:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0176271-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 12:17:00 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 23-May-2024 07:11:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	64	25466	20.0	19.0	
2 1,1-Difluoroethane	65	1.372	1.372	0.000	97	41890	20.0	21.7	
4 Dichlorodifluoromethane	85	1.397	1.397	0.000	98	61502	20.0	14.8	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	14344	20.0	22.1	
6 Chloromethane	50	1.549	1.549	0.000	99	75726	20.0	18.9	
8 Butadiene	54	1.641	1.641	0.000	83	58559	20.0	16.8	
7 Vinyl chloride	62	1.641	1.641	0.000	98	74793	20.0	20.1	
9 Bromomethane	94	1.903	1.903	0.000	98	52893	20.0	22.4	
10 Chloroethane	64	1.970	1.970	0.000	100	45383	20.0	21.9	
11 Dichlorofluoromethane	67	2.128	2.128	0.000	99	154398	20.0	22.8	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	96	88383	20.0	19.7	
13 Pentane	72	2.165	2.165	0.000	96	21653	40.0	35.1	
14 Ethanol	46	2.311	2.311	0.000	85	7452	800.0	974.5	a
15 Ethyl ether	74	2.342	2.342	0.000	91	32702	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	2.366	2.366	0.000	94	56383	20.0	18.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.403	2.403	0.000	93	71470	20.0	22.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.451	0.000	97	105054	20.0	21.4	
19 Acrolein	56	2.500	2.500	0.000	93	9989	40.0	27.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.531	2.531	0.000	92	64286	20.0	20.1	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	98	71228	20.0	22.2	
22 Acetone	43	2.616	2.616	0.000	89	41215	100.0	90.6	
23 Iodomethane	142	2.683	2.683	0.000	97	138708	20.0	23.4	
25 Isopropyl alcohol	45	2.701	2.701	0.000	94	17548	200.0	212.6	
24 Carbon disulfide	76	2.714	2.714	0.000	99	255118	20.0	20.7	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	92	46698	20.0	21.4	
29 Acetonitrile	41	2.896	2.896	0.000	96	39453	200.0	213.8	a
27 Methyl acetate	43	2.848	2.848	0.000	50	45840	40.0	34.9	
28 Cyclopentene	67	2.860	2.860	0.000	93	144649	20.0	19.8	
30 Methylene Chloride	84	2.957	2.957	0.000	90	76317	20.0	21.3	
* 31 TBA-d9 (IS)	66	2.963	2.963	0.000	0	20987	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.024	3.024	0.000	98	30957	200.0	232.1	
33 Methyl tert-butyl ether	73	3.110	3.110	0.000	97	155055	20.0	20.4	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	94	76353	20.0	21.3	
35 Acrylonitrile	53	3.201	3.201	0.000	93	122351	200.0	176.4	
36 Hexane	57	3.293	3.293	0.000	91	83042	20.0	18.4	
37 Isopropyl ether	45	3.494	3.494	0.000	95	207057	20.0	19.1	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	124111	20.0	20.6	
39 Vinyl acetate	86	3.524	3.524	0.000	100	17952	40.0	47.8	
40 2-Chloro-1,3-butadiene	88	3.561	3.561	0.000	89	59934	20.0	19.9	
41 Tert-butyl ethyl ether	59	3.793	3.793	0.000	90	186956	20.0	19.9	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	134662	250.0	250.0	
43 2,2-Dichloropropane	97	4.000	4.000	0.000	92	26715	20.0	21.0	
44 cis-1,2-Dichloroethene	96	4.018	4.018	0.000	99	78798	20.0	21.0	
45 2-Butanone (MEK)	72	4.030	4.030	0.000	96	18043	100.0	106.3	
46 Ethyl acetate	70	4.036	4.036	0.000	95	7213	40.0	38.4	
47 Methyl acrylate	55	4.091	4.091	0.000	99	29155	20.0	18.2	
48 Propionitrile	54	4.158	4.158	0.000	99	42920	200.0	231.9	
50 Tetrahydrofuran	72	4.232	4.232	0.000	52	8340	40.0	44.1	
49 Chlorobromomethane	128	4.238	4.238	0.000	86	34390	20.0	21.8	
51 Methacrylonitrile	67	4.262	4.262	0.000	90	142410	200.0	191.6	
52 Chloroform	83	4.292	4.292	0.000	99	116394	20.0	21.2	
53 Cyclohexane	84	4.427	4.427	0.000	90	97917	20.0	19.8	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	95	105364	20.0	22.4	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	145071	50.0	52.1	
56 Carbon tetrachloride	117	4.549	4.549	0.000	99	89023	20.0	21.4	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	89920	20.0	20.3	
58 Isobutyl alcohol	43	4.701	4.701	0.000	90	29053	500.0	495.8	a
59 Isooctane	57	4.744	4.744	0.000	99	201917	20.0	17.8	
60 Benzene	78	4.768	4.768	0.000	97	273977	20.0	20.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	121281	50.0	45.4	
63 Isopropyl acetate	61	4.829	4.829	0.000	83	21876	20.0	17.9	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	93	161823	20.0	20.2	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	97	60538	20.0	18.7	
65 n-Heptane	100	4.920	4.920	0.000	91	14955	20.0	18.7	
* 66 Fluorobenzene	96	5.055	5.055	0.000	99	571485	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	84	17958	500.0	561.2	
68 Trichloroethene	95	5.396	5.396	0.000	97	65922	20.0	20.0	
70 Ethyl acrylate	99	5.518	5.518	0.000	93	7204	20.0	23.0	
69 Methylcyclohexane	83	5.524	5.524	0.000	87	102882	20.0	18.1	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	96	64718	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	14935	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	85	17778	40.0	33.3	
75 1,4-Dioxane	88	5.786	5.786	0.000	87	6840	400.0	404.5	
74 Dibromomethane	93	5.804	5.804	0.000	95	28919	20.0	19.8	
76 n-Propyl acetate	43	5.817	5.817	0.000	99	41534	20.0	16.5	
77 Dichlorobromomethane	83	5.957	5.957	0.000	99	69787	20.0	18.1	
78 2-Nitropropane	41	6.286	6.286	0.000	78	12113	40.0	31.8	
79 2-Chloroethyl vinyl ether	63	6.298	6.298	0.000	88	23932	20.0	16.8	
80 Epichlorohydrin	57	6.396	6.396	0.000	98	53148	400.0	421.4	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	89	88706	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	95	60179	100.0	104.8	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	542617	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.768	6.768	0.000	93	276007	20.0	19.9	
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	95	65449	20.0	17.1	
86 Ethyl methacrylate	69	7.152	7.152	0.000	87	49848	20.0	15.6	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	34674	20.0	19.1	
88 Tetrachloroethene	166	7.371	7.371	0.000	95	77715	20.0	23.0	
89 1,3-Dichloropropane	76	7.536	7.536	0.000	91	66873	20.0	18.6	
90 2-Hexanone	43	7.603	7.603	0.000	94	80354	100.0	92.3	
91 n-Butyl acetate	43	7.719	7.719	0.000	97	45579	20.0	15.0	
92 Chlorodibromomethane	129	7.761	7.761	0.000	97	47817	20.0	18.5	
93 Ethylene Dibromide	107	7.914	7.914	0.000	99	36671	20.0	17.9	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	84	419006	50.0	50.0	
95 Chlorobenzene	112	8.493	8.493	0.000	96	173847	20.0	21.0	
96 Ethylbenzene	106	8.603	8.603	0.000	97	99841	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	96	63852	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.761	8.761	0.000	0	122142	20.0	21.2	
100 n-Butyl acrylate	73	9.267	9.267	0.000	98	28801	20.0	15.0	
99 o-Xylene	106	9.273	9.273	0.000	94	121014	20.0	20.3	
101 Styrene	104	9.310	9.310	0.000	96	179124	20.0	19.1	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	92	62960	20.0	14.3	
102 Bromoform	173	9.548	9.548	0.000	65	29191	20.0	18.6	
104 Isopropylbenzene	105	9.700	9.700	0.000	95	285281	20.0	20.9	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	181697	50.0	52.6	
106 Bromobenzene	156	10.066	10.066	0.000	93	78637	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	10.121	10.121	0.000	99	44673	20.0	17.2	
108 N-Propylbenzene	91	10.151	10.151	0.000	100	363837	20.0	19.3	
109 1,2,3-Trichloropropane	110	10.169	10.169	0.000	97	11793	20.0	16.4	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	90	8942	20.0	15.1	a
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	246741	20.0	18.9	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	309588	20.0	19.8	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	260663	20.0	19.6	
114 4-Chlorotoluene	91	10.383	10.383	0.000	97	219835	20.0	18.9	
115 Butyl Methacrylate	87	10.462	10.462	0.000	88	72034	20.0	15.7	
116 tert-Butylbenzene	119	10.657	10.657	0.000	95	219977	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	97	268970	20.0	19.5	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	342494	20.0	20.0	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	97	157118	20.0	21.3	
120 4-Isopropyltoluene	119	11.005	11.005	0.000	98	300734	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	11.066	11.066	0.000	94	231854	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	96	152566	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	98	277816	20.0	19.4	
124 Benzyl chloride	91	11.224	11.224	0.000	99	87188	20.0	15.8	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	257152	20.0	20.0	
126 p-Diethylbenzene	119	11.352	11.352	0.000	95	189527	20.0	20.5	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	154541	20.0	19.9	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	98	145112	20.0	21.3	
129 1,2,4,5-Tetramethylbenzene	119	12.017	12.017	0.000	98	278184	20.0	20.1	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	89	6602	20.0	15.9	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	135429	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.712	12.712	0.000	93	110021	20.0	21.4	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	70262	20.0	21.5	
134 Naphthalene	128	12.907	12.907	0.000	99	148688	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	96	87999	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	41.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	34.9	
S 140 Total BTEX	1				0		100.0	103.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00019	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 23-May-2024 12:17:02 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D

Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

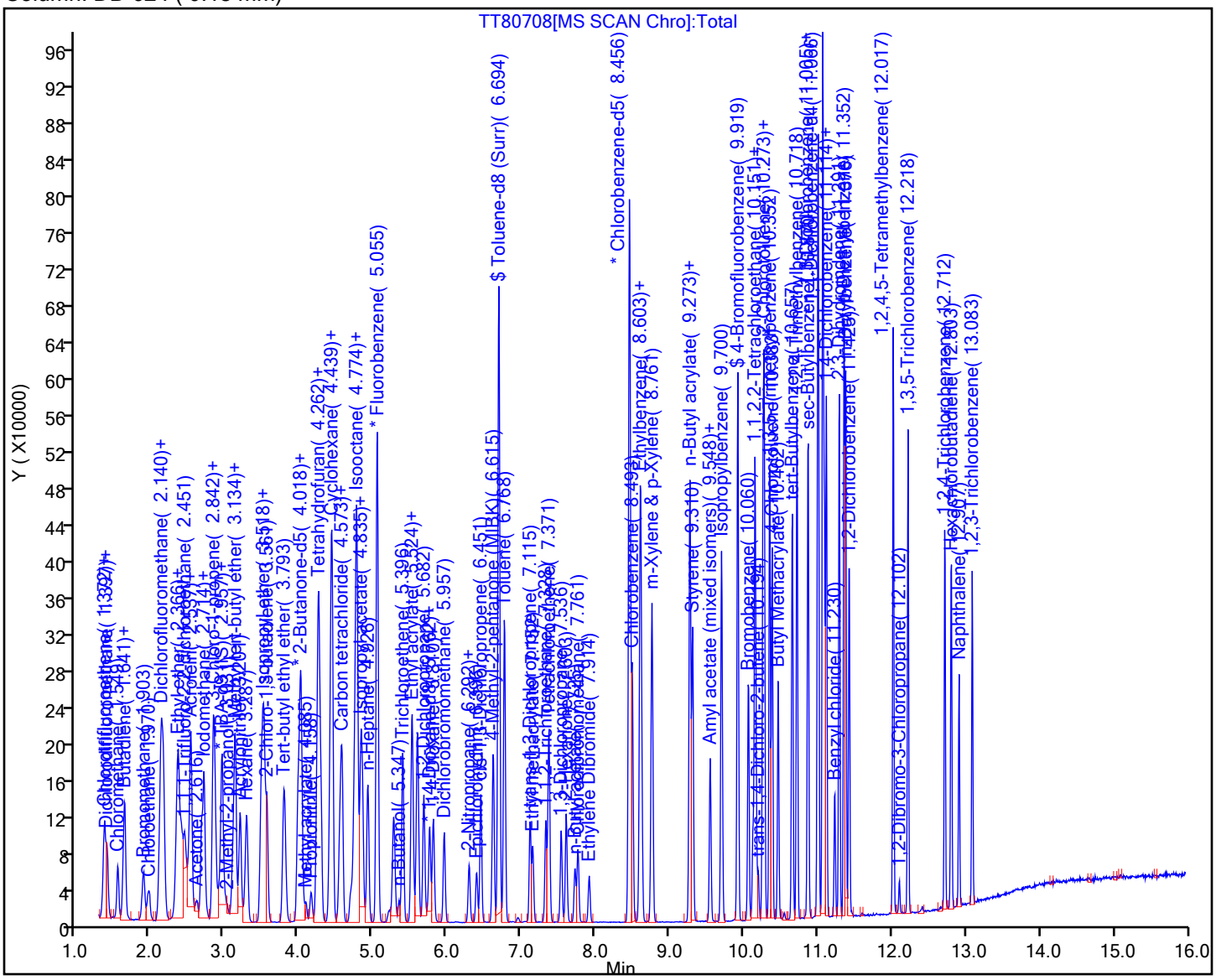
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

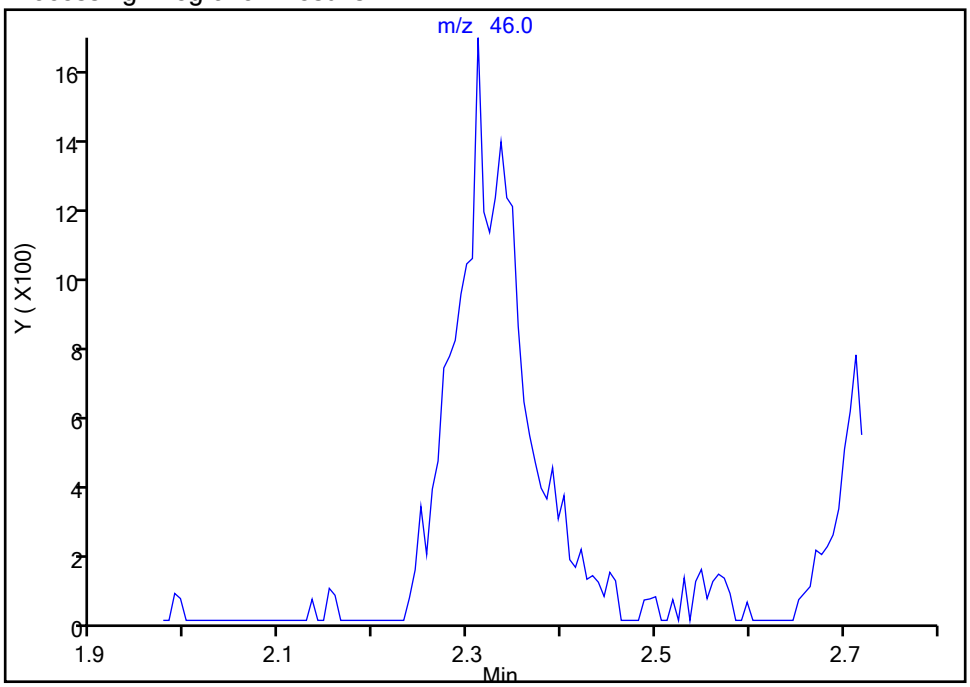
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

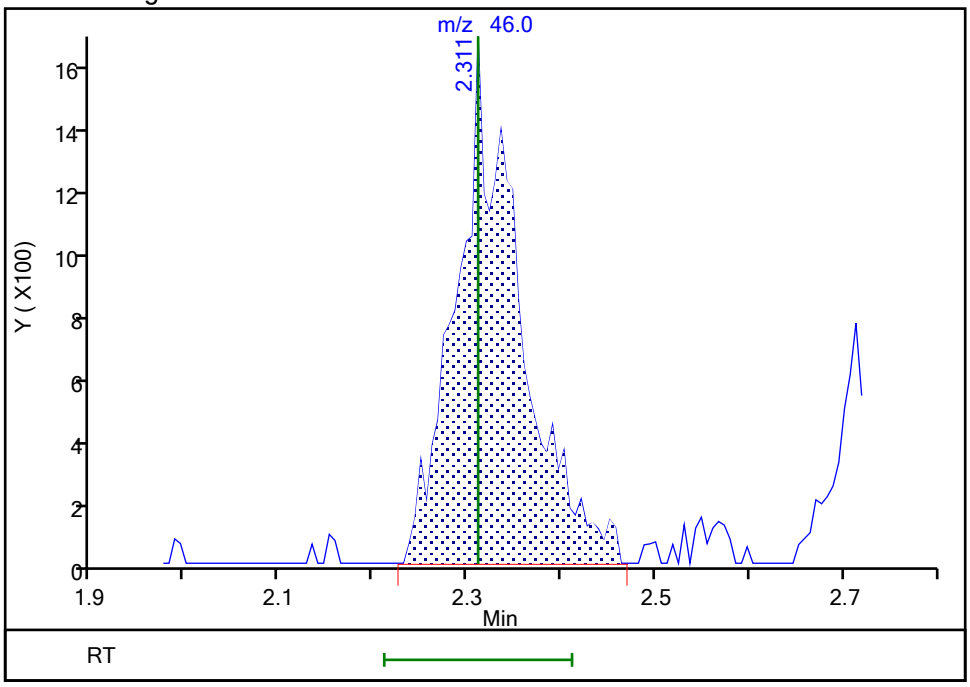
Not Detected
Expected RT: 2.31

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 7452
Amount: 974.5170
Amount Units: ug/l



Reviewer: FK2C, 23-May-2024 07:10:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

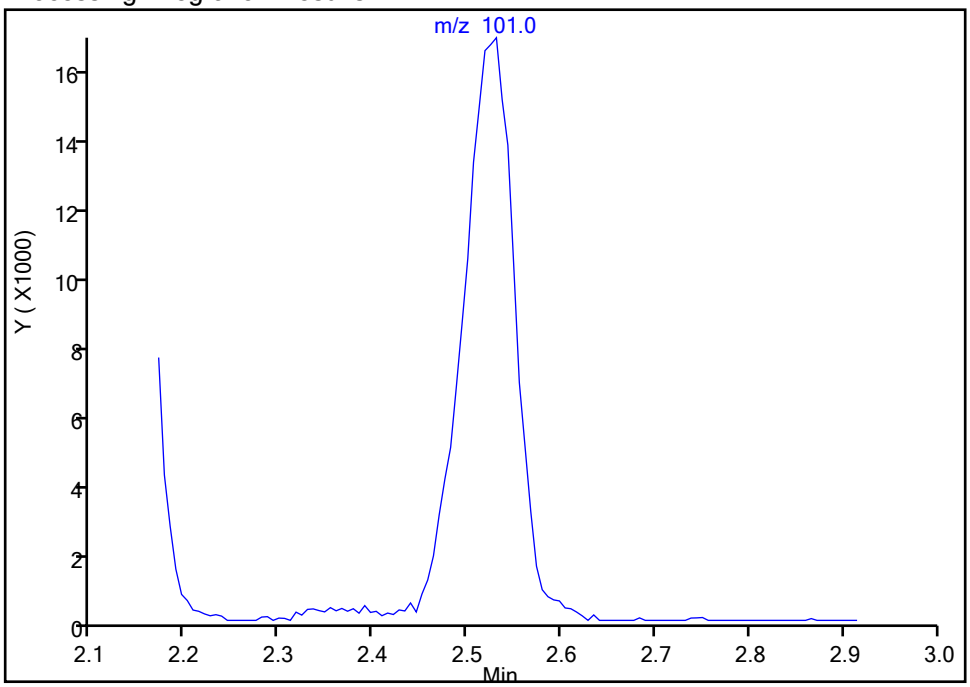
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

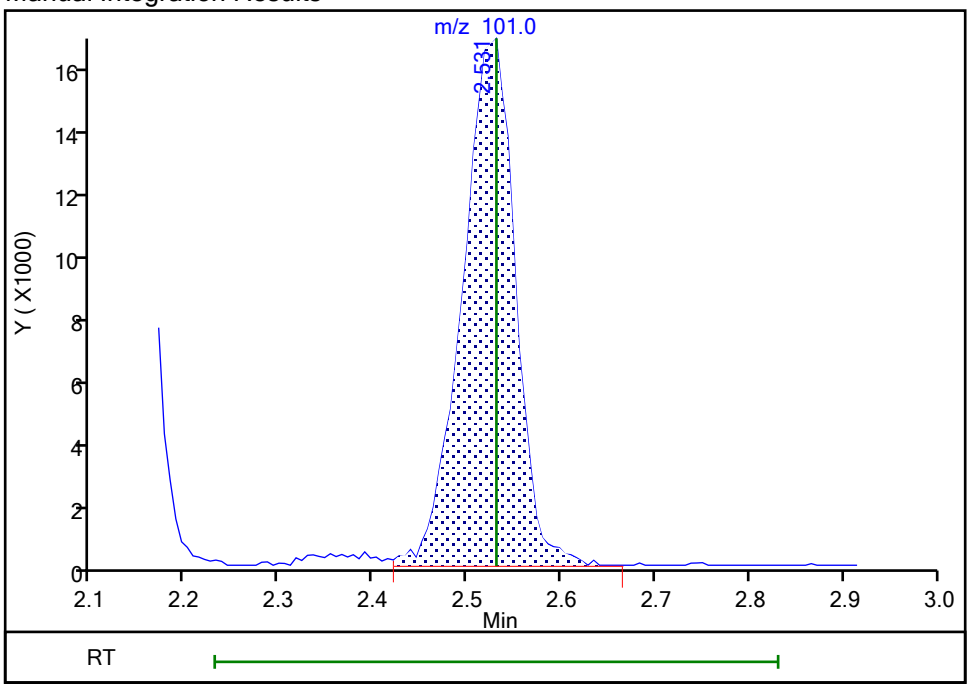
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 64286
Amount: 20.111683
Amount Units: ug/l



Reviewer: FK2C, 23-May-2024 07:10:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

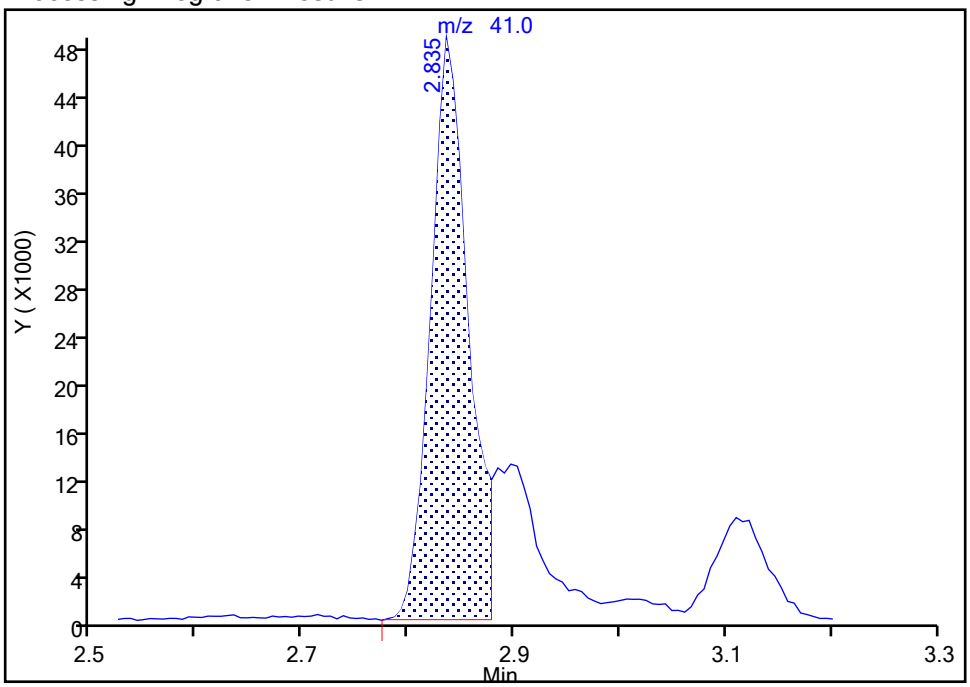
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

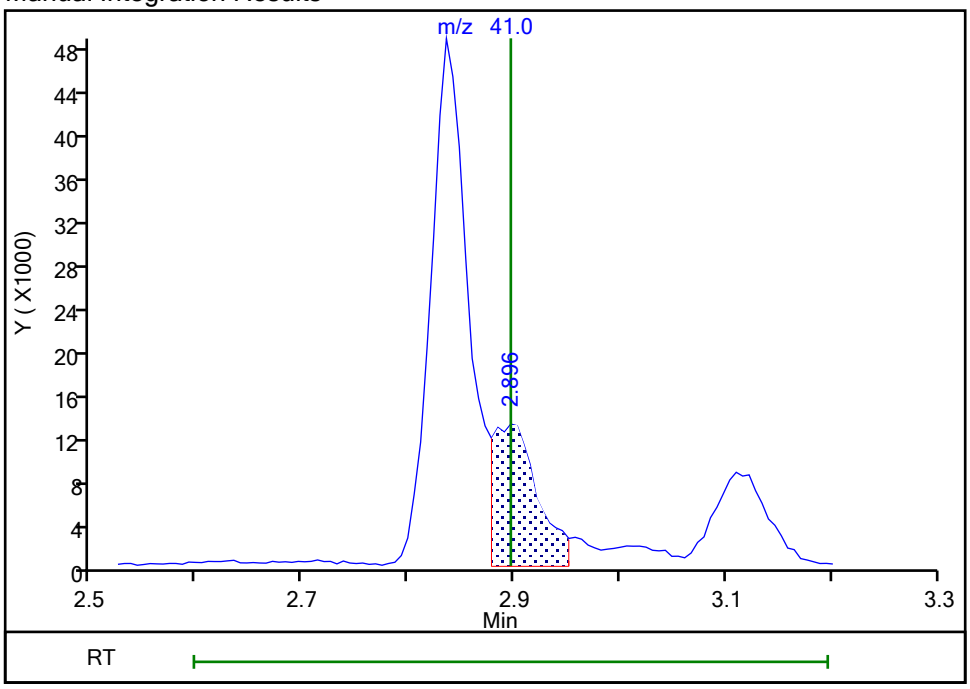
Processing Integration Results

RT: 2.84
Area: 122443
Amount: 663.4503
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 39453
Amount: 213.7738
Amount Units: ug/l



Reviewer: XE5L, 23-May-2024 12:16:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

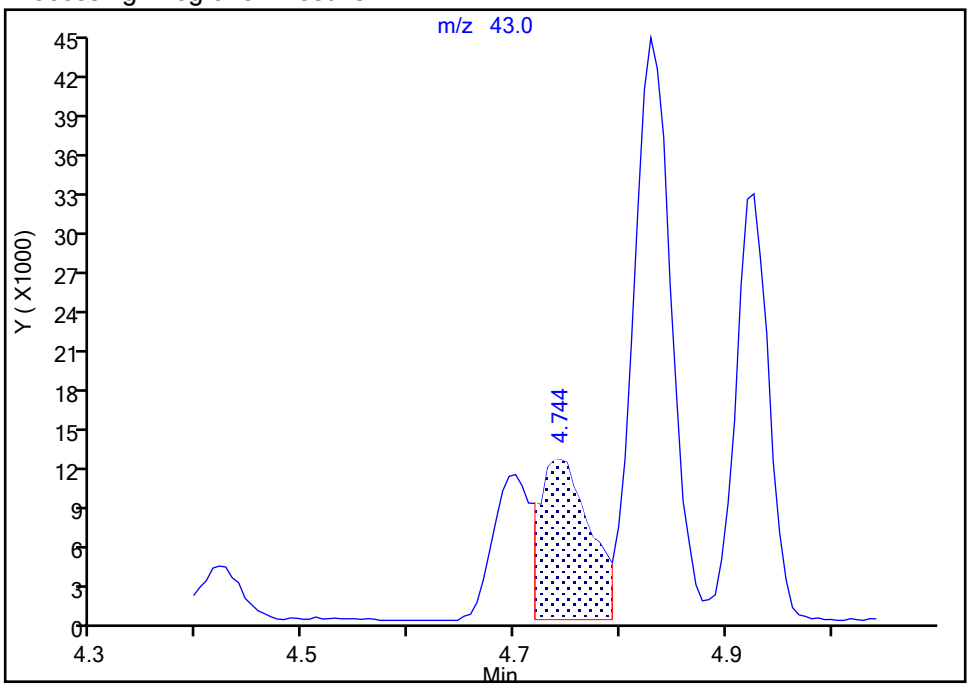
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

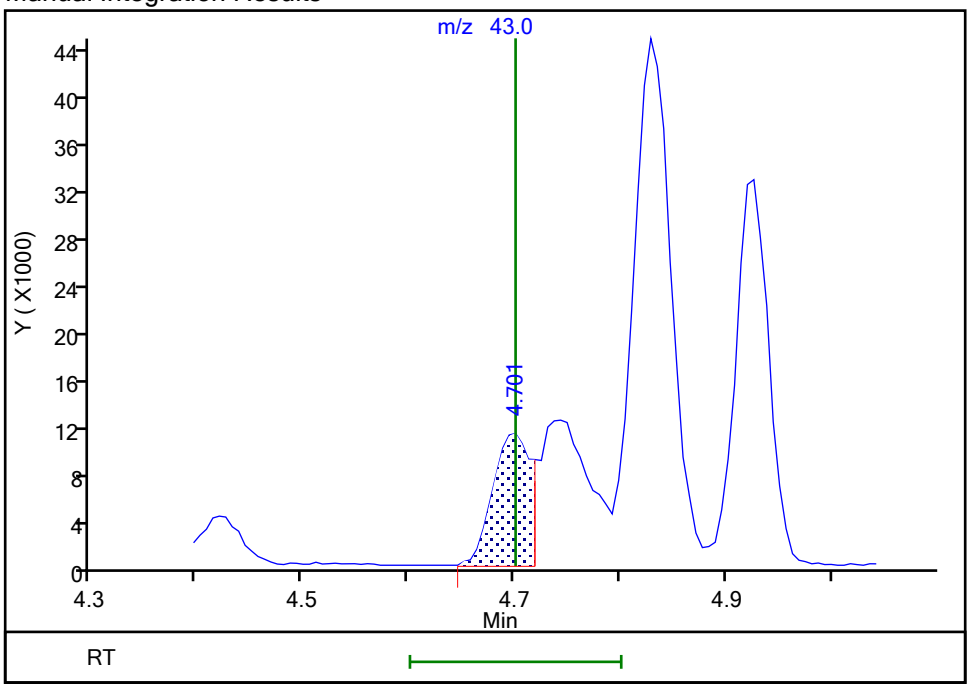
Processing Integration Results

RT: 4.74
Area: 42153
Amount: 719.3805
Amount Units: ug/l



Manual Integration Results

RT: 4.70
Area: 29053
Amount: 495.8167
Amount Units: ug/l



Reviewer: XE5L, 23-May-2024 12:16:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

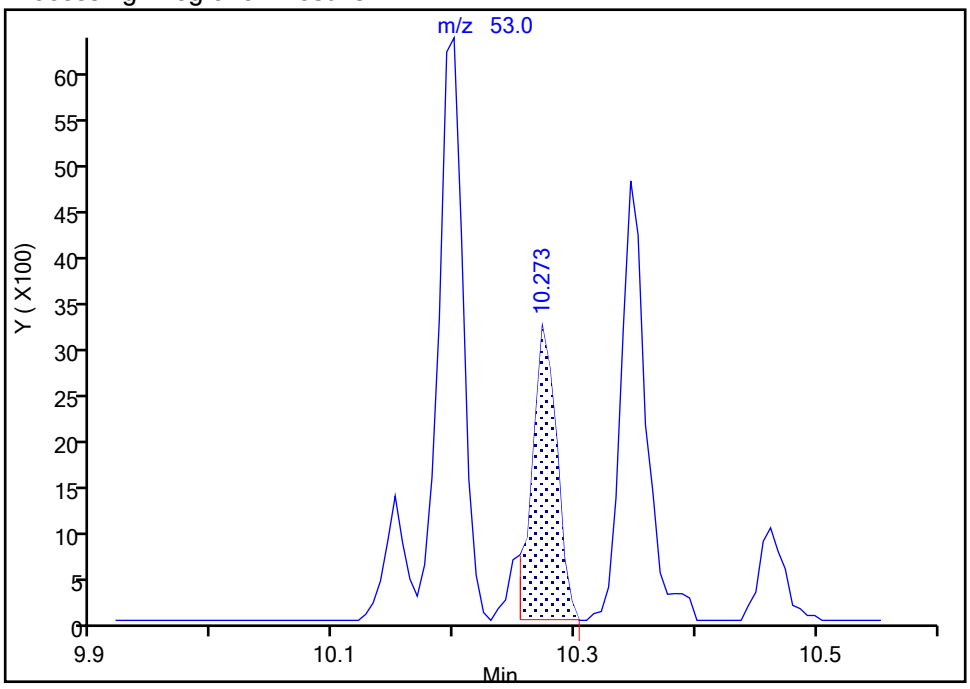
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80708.D
Injection Date: 23-May-2024 06:49:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 1

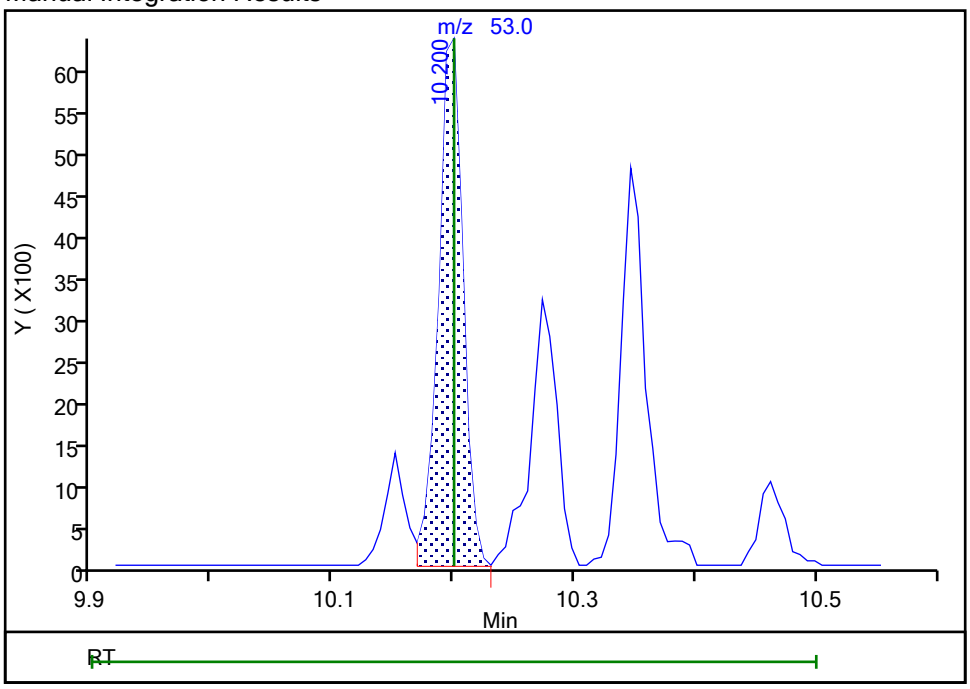
Processing Integration Results

RT: 10.27
Area: 4552
Amount: 7.704347
Amount Units: ug/l



Manual Integration Results

RT: 10.20
Area: 8942
Amount: 15.134505
Amount Units: ug/l



Reviewer: FK2C, 23-May-2024 07:11:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676822.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	21-Apr-2024 08:40:14	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0174952-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	22-Apr-2024 18:19:37	Calib Date:	21-Apr-2024 15:59:15		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1638				
First Level Reviewer: HVW2		Date:	21-Apr-2024 08:50:42		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

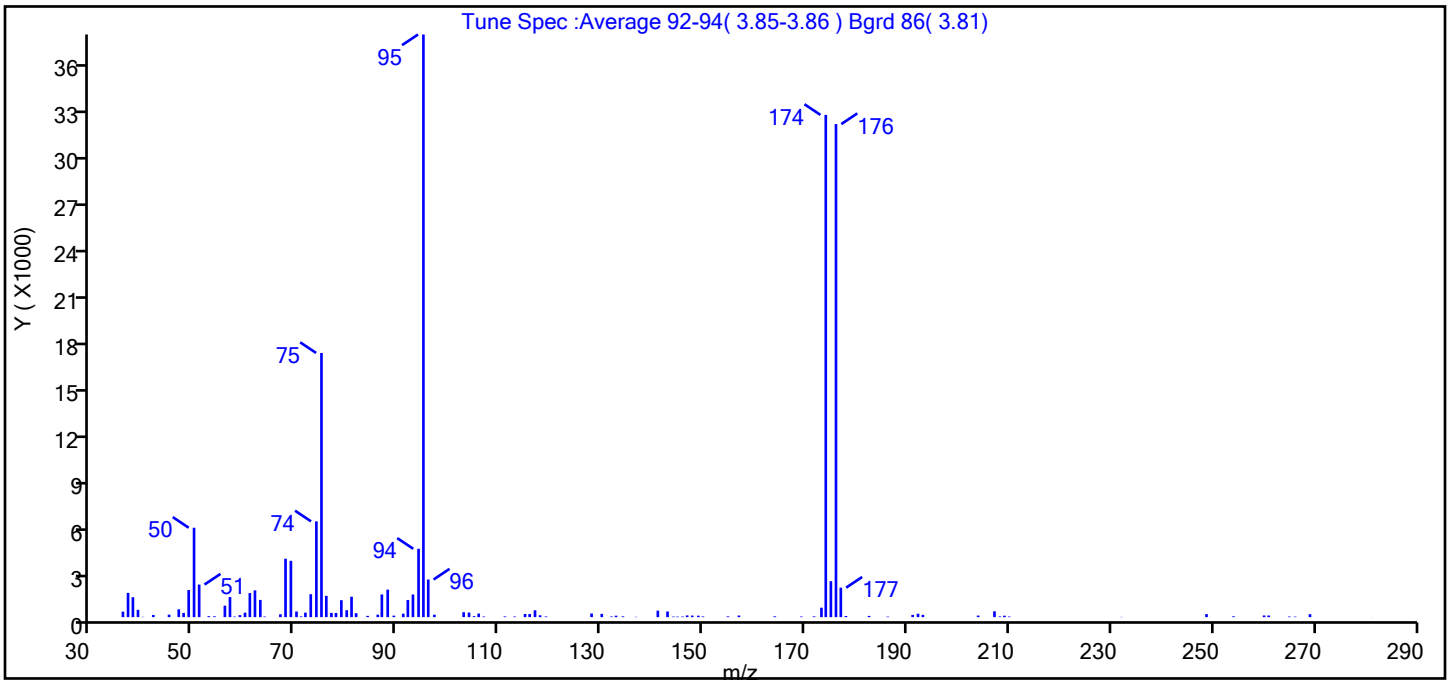
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676822.D
Injection Date: 21-Apr-2024 08:40:14 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (116.0)
96	5 to 9% of m/z 95	6.5
173	<2% of m/z 174	1.6 (1.9)
174	50 to 200% of m/z 95	86.2
175	5 to 9% of m/z 174	6.2 (7.2)
176	95 to 105% of m/z 174	84.6 (98.2)
177	5 to 10% of m/z 176	5.1 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676822.D\8260W_15.rslt\spectra.d
Injection Date: 21-Apr-2024 08:40:14
Spectrum: Tune Spec :Average 92-94(3.85-3.86) Bgrd 86(3.81)
Base Peak: 95.05
Minimum % Base Peak: 0
Number of Points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	357	71.00	46	106.00	231	169.00	40
37.00	1569	72.00	290	107.00	40	172.00	49
38.00	1287	73.00	1485	111.00	47	173.00	611
39.00	471	74.00	6193	113.00	40	174.00	32472
40.00	20	75.00	17080	115.00	205	175.00	2326
42.00	141	76.00	1376	116.00	201	176.00	31880
45.00	159	77.00	271	117.00	445	177.00	1907
47.00	505	78.00	272	118.00	120	178.00	73
48.00	273	79.00	1097	119.00	43	182.00	80
49.00	1752	80.00	447	128.00	237	186.00	34
50.00	5780	81.00	1320	130.00	213	191.00	145
51.00	2106	82.00	256	132.00	41	192.00	221
53.00	62	84.00	83	133.00	93	193.00	147
54.00	54	86.00	160	134.00	50	204.00	102
56.00	741	87.00	1467	137.00	19	207.00	377
57.00	1300	88.00	1778	141.00	418	208.00	44
58.00	36	89.00	97	143.00	365	209.00	92
59.00	130	91.00	224	144.00	37	210.00	39
60.00	290	92.00	1108	145.00	36	232.00	14
61.00	1558	93.00	1464	146.00	39	249.00	197
62.00	1730	94.00	4420	147.00	113	254.00	55
63.00	1114	95.00	37672	148.00	101	260.00	108
64.00	38	96.00	2433	149.00	96	261.00	107
67.00	184	97.00	157	150.00	46	265.00	38
68.00	3778	103.00	319	155.00	50	266.00	34
69.00	3640	104.00	296	157.00	104	269.00	191
70.00	364	105.00	63	164.00	53	281.00	4

Report Date: 22-Apr-2024 18:19:38 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676822.D

Injection Date: 21-Apr-2024 08:40:14 Instrument ID: CVOAMS15

Lims ID: BFB

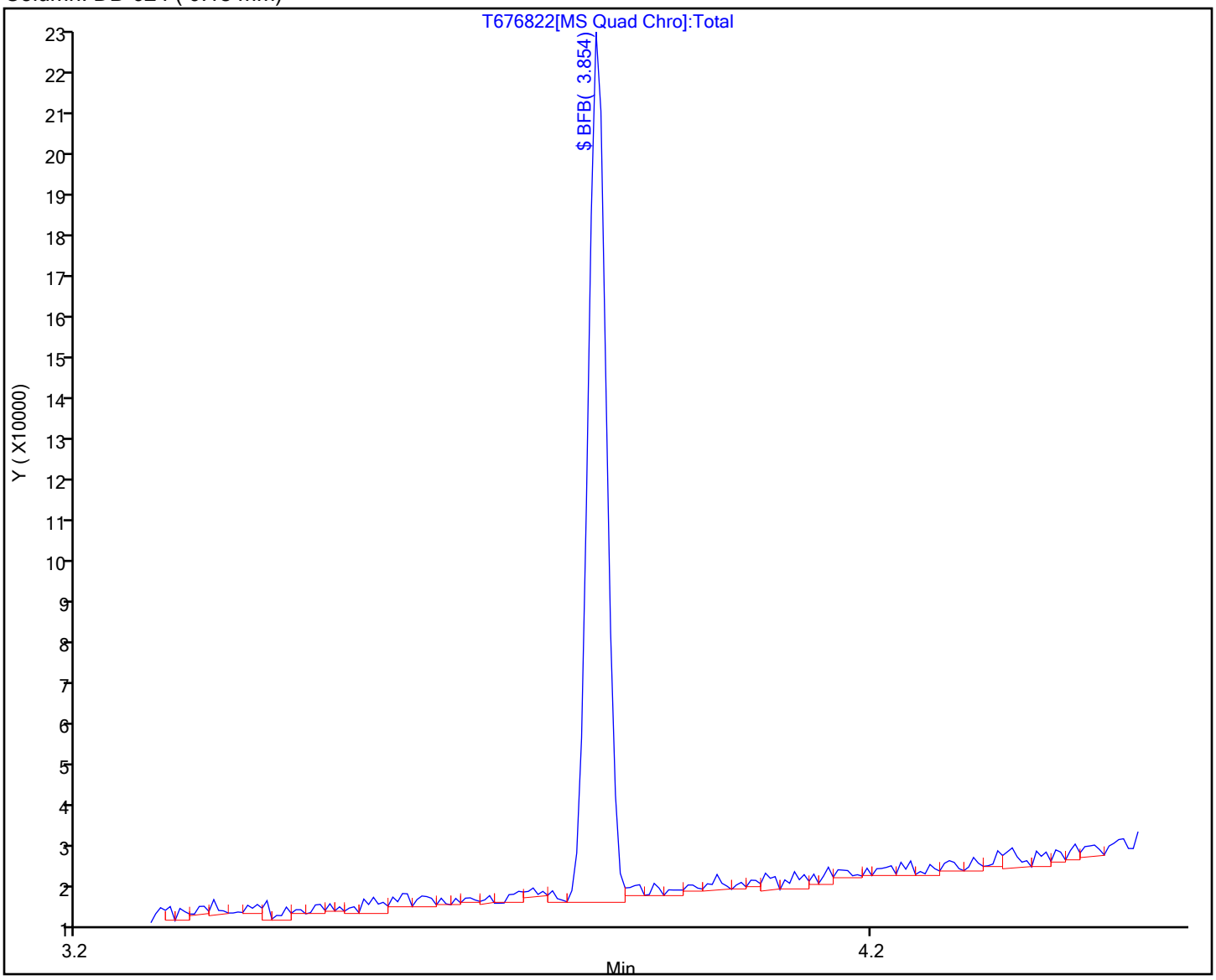
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-May-2024 07:47:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0175641-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	12-May-2024 13:17:21	Calib Date:	09-May-2024 10:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1643				
First Level Reviewer: FK2C		Date:	10-May-2024 06:29:53		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

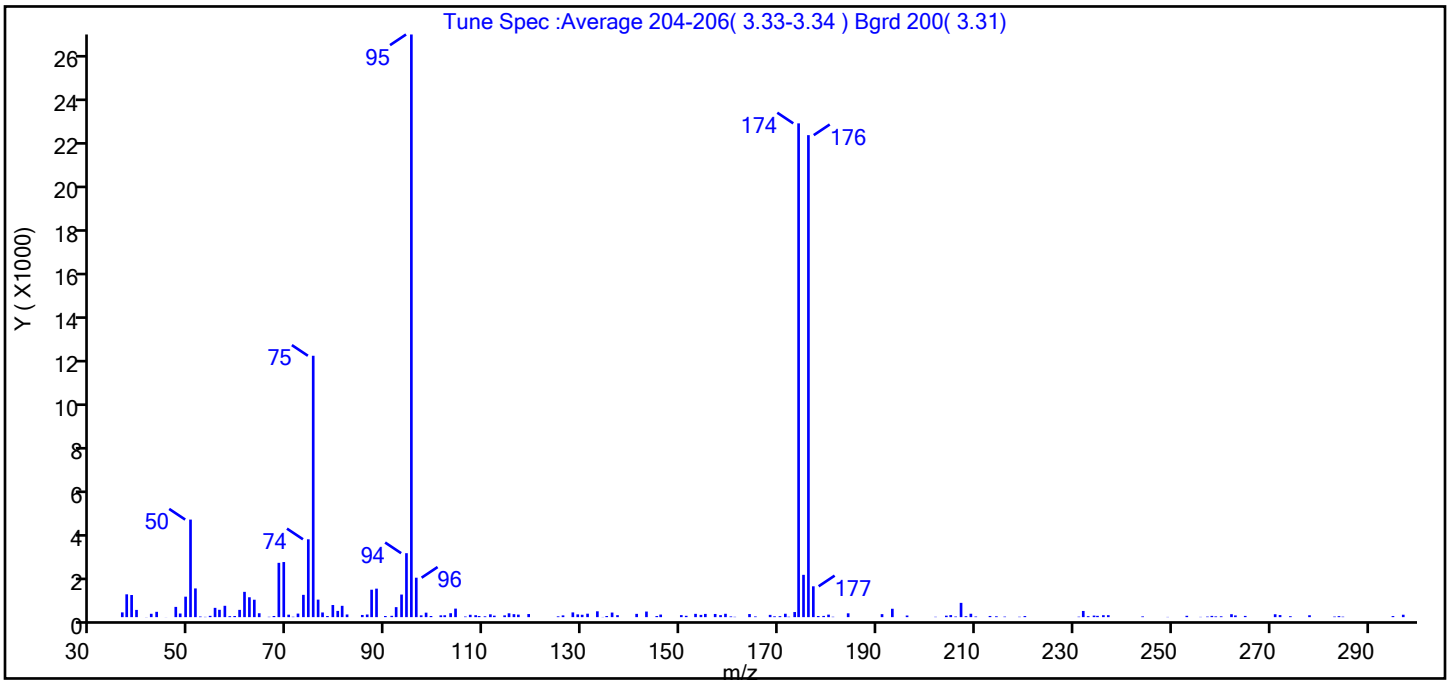
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D
Injection Date: 09-May-2024 07:47:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (118.0)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.9 (1.0)
174	50 to 200% of m/z 95	84.7
175	5 to 9% of m/z 174	7.3 (8.6)
176	95 to 105% of m/z 174	82.7 (97.6)
177	5 to 10% of m/z 176	5.3 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D\8260W_17.rslt\spectra.d
Injection Date: 09-May-2024 07:47:30
Spectrum: Tune Spec :Average 204-206(3.33-3.34) Bgrd 200(3.31)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	220	80.00	288	134.00	8	205.00	95
37.00	1054	81.00	523	135.00	52	206.00	29
38.00	1022	82.00	123	136.00	212	207.00	659
39.00	334	85.00	101	137.00	90	208.00	44
41.00	6	86.00	122	141.00	152	209.00	157
42.00	155	87.00	1267	143.00	259	210.00	29
43.00	246	88.00	1316	145.00	51	213.00	54
45.00	4	90.00	53	146.00	119	214.00	40
47.00	473	91.00	61	150.00	93	216.00	25
48.00	168	92.00	462	151.00	62	219.00	18
49.00	945	93.00	1043	153.00	152	220.00	50
50.00	4505	94.00	2953	154.00	104	231.00	21
51.00	1326	95.00	26904	155.00	149	232.00	286
52.00	28	96.00	1821	157.00	147	233.00	44
53.00	13	97.00	83	158.00	93	234.00	72
54.00	60	98.00	207	159.00	155	235.00	60
55.00	429	99.00	53	160.00	33	236.00	90
56.00	339	101.00	83	161.00	15	237.00	90
57.00	524	102.00	87	164.00	142	244.00	34
58.00	44	103.00	182	165.00	33	249.00	10
59.00	53	104.00	394	168.00	105	253.00	62
60.00	336	106.00	28	169.00	38	256.00	12
61.00	1168	107.00	109	170.00	45	257.00	26
62.00	918	108.00	89	171.00	157	258.00	58
63.00	804	109.00	51	172.00	19	259.00	34
64.00	180	110.00	38	173.00	236	260.00	38
66.00	16	111.00	130	174.00	22800	262.00	136
67.00	53	112.00	68	175.00	1954	263.00	78
68.00	2508	114.00	82	176.00	22256	265.00	57
69.00	2544	115.00	178	177.00	1424	271.00	134
70.00	114	116.00	138	178.00	51	272.00	96
71.00	19	117.00	117	179.00	57	274.00	42
72.00	165	119.00	143	180.00	116	278.00	87

Report Date: 12-May-2024 13:17:22 Chrom Revision: 2.3 01-May-2024 15:52:26
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D\8260W_17.rslt\spectra.d
Injection Date: 09-May-2024 07:47:30
Spectrum: Tune Spec :Average 204-206(3.33-3.34) Bgrd 200(3.31)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1030	125.00	37	181.00	18	283.00	26
74.00	3595	126.00	81	184.00	177	284.00	47
75.00	12069	128.00	219	191.00	139	285.00	22
76.00	809	129.00	128	193.00	387	295.00	50
77.00	216	130.00	110	196.00	75	297.00	112
78.00	51	131.00	160	202.00	16		
79.00	560	133.00	270	204.00	68		

Report Date: 12-May-2024 13:17:22 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D

Injection Date: 09-May-2024 07:47:30 Instrument ID: CVOAMS17

Lims ID: BFB

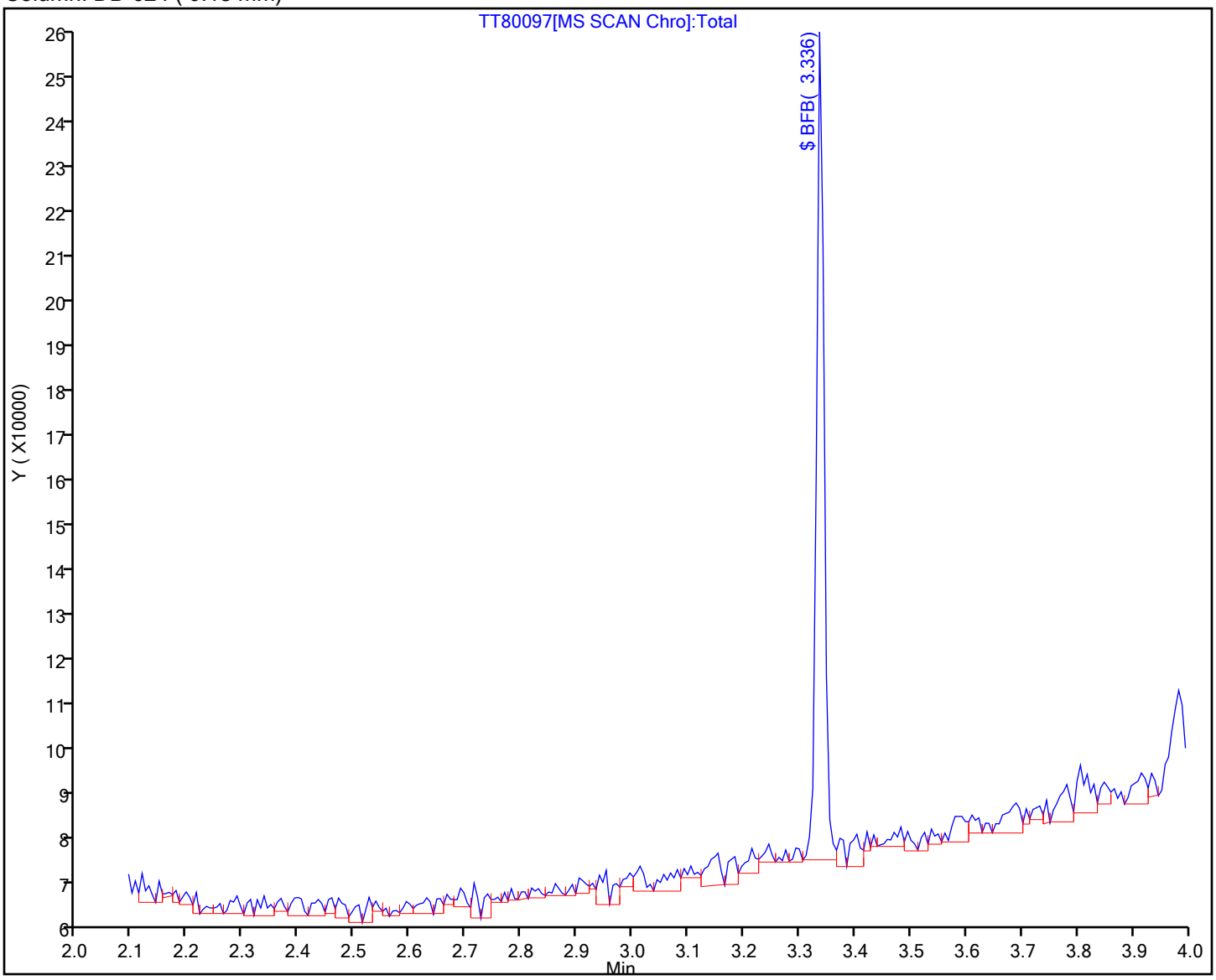
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-976170/7

Matrix: Water | Lab File ID: T677968.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 09:24

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-976170/7

Matrix: Water Lab File ID: T677968.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 09:24

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677968.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-May-2024 09:24:17 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0176219-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:00 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:49:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	96	49709	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	46	323100	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	173372	50.0	53.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	92	175782	50.0	54.8	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	567309	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	39406	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	98	576610	50.0	50.7	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	84	454255	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	92	185764	50.0	47.7	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	231855	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-May-2024 11:56:35 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677968.D

Injection Date: 22-May-2024 09:24:17 Instrument ID: CVOAMS15

Lims ID: MB

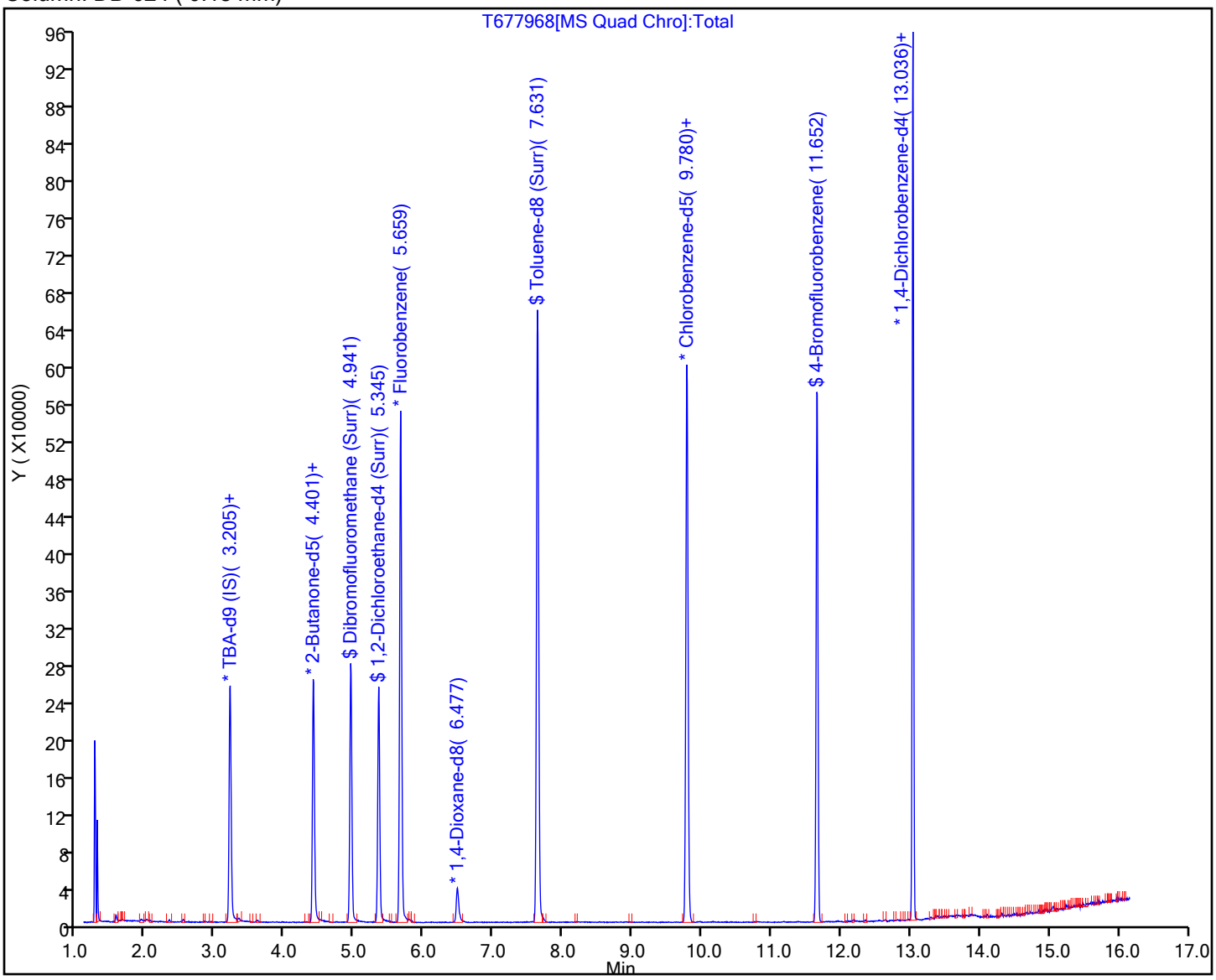
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677968.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-May-2024 09:24:17 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0176219-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:00 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:49:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.6	107.11
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.55
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.49
$ 105 4-Bromofluorobenzene	50.0	47.7	95.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-976394/10

Matrix: Water | Lab File ID: TT80713.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 08:27

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-976394/10

Matrix: Water Lab File ID: TT80713.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 08:27

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80713.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-May-2024 08:27:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0176271-010
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:13:53 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 09:05:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.957	2.963	-0.006	0	20407	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.975	3.982	-0.007	0	127600	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	139505	50.0	51.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	117975	50.0	45.2	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	558454	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	13393	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	516134	50.0	49.0	
* 94 Chlorobenzene-d5	117	8.456	8.462	-0.006	84	394604	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	171472	50.0	52.7	
* 121 1,4-Dichlorobenzene-d4	152	11.065	11.066	-0.001	93	220360	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00074 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 23-May-2024 09:13:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80713.D

Injection Date: 23-May-2024 08:27:30 Instrument ID: CVOAMS17

Lims ID: MB

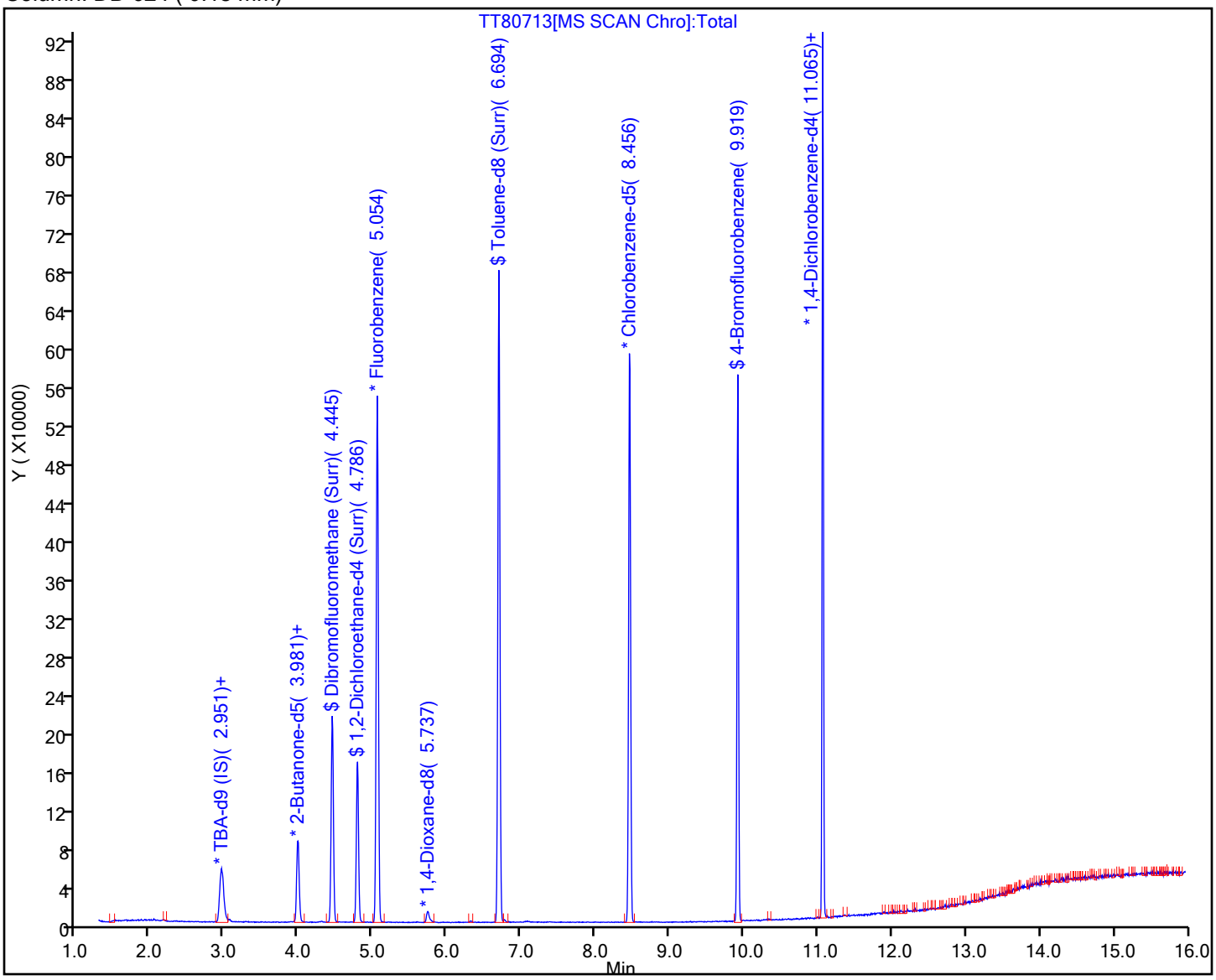
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80713.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-May-2024 08:27:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0176271-010
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:13:53 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 09:05:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.3	102.64
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.2	90.31
$ 83 Toluene-d8 (Surr)	50.0	49.0	98.00
$ 105 4-Bromofluorobenzene	50.0	52.7	105.47

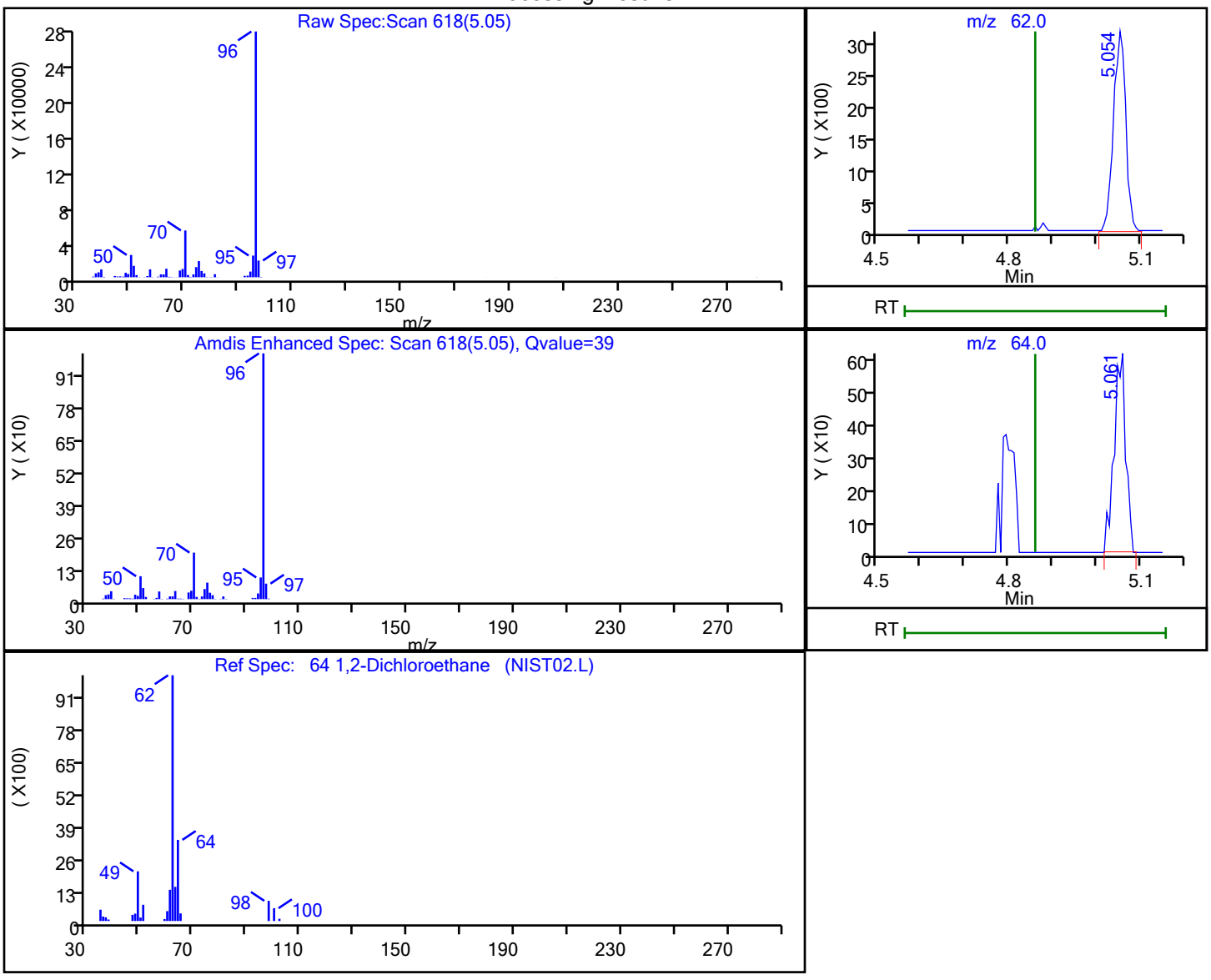
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80713.D		
Injection Date:	23-May-2024 08:27:30	Instrument ID:	CVOAMS17
Lims ID:	MB		
Client ID:			
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.05	62.00	6173	1.955181
5.06	64.00	1141	

Reviewer: FK2C, 23-May-2024 09:05:05 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-976170/3

Matrix: Water | Lab File ID: T677964.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 07:53

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
107-06-2	1,2-Dichloroethane	21.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
591-78-6	2-Hexanone	94.5		5.0	1.1
67-64-1	Acetone	86.8		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
75-27-4	Bromodichloromethane	20.7		1.0	0.34
75-25-2	Bromoform	17.6		1.0	0.54
74-83-9	Bromomethane	22.4		1.0	0.55
75-15-0	Carbon disulfide	18.9		1.0	0.82
56-23-5	Carbon tetrachloride	20.2		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	22.1		1.0	0.33
74-87-3	Chloromethane	17.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
124-48-1	Dibromochloromethane	20.1		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	95.7		5.0	1.9
108-10-1	methyl isobutyl ketone	100		5.0	1.3
75-09-2	Methylene Chloride	19.1		1.0	0.32
100-42-5	Styrene	19.5		1.0	0.42
127-18-4	Tetrachloroethene	18.2		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.22
79-01-6	Trichloroethene	19.6		1.0	0.31
75-01-4	Vinyl chloride	22.6		1.0	0.17
1330-20-7	Xylenes, Total	38.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-976170/3

Matrix: Water Lab File ID: T677964.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 07:53

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677964.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-May-2024 07:53:43 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0176219-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:54 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:47:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	48	3332	20.0	21.8	
3 Chlorotrifluoroethene	116	1.407	1.407	0.000	94	13986	20.0	17.7	
2 1,1-Difluoroethane	65	1.423	1.423	0.000	96	35479	20.0	19.0	
4 Dichlorodifluoromethane	85	1.439	1.438	0.001	100	71682	20.0	15.0	
5 Chlorodifluoromethane	67	1.460	1.459	0.001	79	14686	20.0	21.5	
6 Chloromethane	50	1.617	1.617	0.000	88	87177	20.0	17.8	
7 Vinyl chloride	62	1.706	1.706	0.000	83	101408	20.0	22.6	
8 Butadiene	54	1.732	1.732	0.000	95	78930	20.0	22.3	
9 Bromomethane	94	1.994	1.994	0.000	98	36017	20.0	22.4	
10 Chloroethane	64	2.089	2.089	0.001	99	54986	20.0	17.2	
11 Dichlorofluoromethane	67	2.267	2.272	-0.005	90	157846	20.0	20.1	
12 Trichlorofluoromethane	101	2.277	2.277	0.000	95	114888	20.0	19.1	
13 Pentane	72	2.325	2.324	0.001	96	13030	40.0	19.6	
14 Ethanol	46	2.477	2.476	0.001	99	16189	800.0	705.5	
15 Ethyl ether	59	2.529	2.529	0.000	90	60551	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	2.550	2.550	0.000	97	52115	20.0	17.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.582	2.581	0.001	91	67794	20.0	22.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.639	-0.005	98	107464	20.0	20.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.707	2.702	0.005	97	50433	20.0	14.8	
19 Acrolein	56	2.707	2.707	0.000	74	24364	40.0	33.9	
20 1,1-Dichloroethene	96	2.744	2.744	0.000	97	69838	20.0	19.3	
22 Acetone	43	2.838	2.838	0.000	87	102924	100.0	86.8	
23 Iodomethane	142	2.901	2.901	0.000	99	89528	20.0	24.0	
25 Isopropyl alcohol	45	2.928	2.927	0.001	38	47064	200.0	170.0	
24 Carbon disulfide	76	2.933	2.938	-0.005	99	239285	20.0	18.9	
27 3-Chloro-1-propene	76	3.085	3.085	0.000	86	45758	20.0	19.4	
28 Methyl acetate	43	3.095	3.095	0.000	96	107429	40.0	42.2	
29 Cyclopentene	67	3.106	3.106	0.000	93	132876	20.0	18.4	
26 Acetonitrile	41	3.153	3.153	0.000	99	92513	200.0	196.5	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	98	53950	1000.0	1000.0	
30 Methylene Chloride	84	3.221	3.221	0.000	89	83907	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.279	3.279	0.000	98	75692	200.0	185.2	
35 Methyl tert-butyl ether	73	3.394	3.394	0.000	96	213553	20.0	22.1	
34 trans-1,2-Dichloroethene	96	3.426	3.420	0.006	91	81182	20.0	19.3	
33 Acrylonitrile	53	3.504	3.504	0.000	94	281301	200.0	206.6	
36 Hexane	57	3.593	3.593	0.000	92	47516	20.0	9.86	
40 Isopropyl ether	45	3.829	3.829	0.000	95	219500	20.0	19.8	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	99	135286	20.0	19.7	
38 Vinyl acetate	86	3.887	3.887	0.000	99	35462	40.0	43.6	
39 2-Chloro-1,3-butadiene	88	3.913	3.913	0.000	90	66388	20.0	19.4	
41 Tert-butyl ethyl ether	59	4.181	4.181	0.001	90	213913	20.0	21.1	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	87	346978	250.0	250.0	
44 2,2-Dichloropropane	97	4.417	4.411	0.006	75	29211	20.0	19.5	
43 cis-1,2-Dichloroethene	96	4.443	4.448	-0.005	93	90675	20.0	19.7	
45 2-Butanone (MEK)	72	4.464	4.464	0.000	97	45425	100.0	95.7	
47 Ethyl acetate	70	4.474	4.474	0.000	96	15269	40.0	35.6	
48 Methyl acrylate	55	4.532	4.532	0.000	99	68684	20.0	21.1	
46 Propionitrile	54	4.611	4.616	-0.005	98	113600	200.0	221.9	
51 Tetrahydrofuran	72	4.695	4.700	-0.005	81	20187	40.0	40.4	
49 Chlorobromomethane	128	4.700	4.700	0.000	80	45314	20.0	21.2	
50 Methacrylonitrile	67	4.731	4.731	0.000	90	324754	200.0	223.1	
52 Chloroform	83	4.763	4.762	0.001	94	148149	20.0	22.1	
55 Cyclohexane	84	4.899	4.904	-0.005	89	81631	20.0	15.9	
54 1,1,1-Trichloroethane	97	4.920	4.920	0.000	93	125036	20.0	21.3	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	166581	50.0	52.9	
56 Carbon tetrachloride	117	5.056	5.056	0.000	99	110928	20.0	20.2	
57 1,1-Dichloropropene	75	5.098	5.098	0.000	98	108247	20.0	19.8	
59 Isobutyl alcohol	43	5.250	5.245	0.005	96	108483	500.0	405.8	
62 Isooctane	57	5.292	5.292	0.000	96	92002	20.0	11.6	a
60 Benzene	78	5.324	5.324	0.000	96	306243	20.0	19.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	97	167220	50.0	53.6	
64 Tert-amyl methyl ether	73	5.402	5.407	-0.005	78	208229	20.0	21.5	
63 Isopropyl acetate	61	5.402	5.407	-0.005	92	39525	20.0	20.3	
61 1,2-Dichloroethane	62	5.434	5.428	0.006	91	99375	20.0	21.5	
66 n-Heptane	43	5.512	5.507	0.005	92	41058	20.0	12.4	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	551366	50.0	50.0	
68 n-Butanol	56	6.026	6.026	0.000	85	49909	500.0	429.6	
67 Trichloroethene	95	6.068	6.068	0.000	99	84254	20.0	19.6	
70 Methylcyclohexane	83	6.210	6.210	0.000	86	76329	20.0	14.6	a
69 Ethyl acrylate	55	6.226	6.225	0.001	97	143620	20.0	17.5	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	89	78626	20.0	19.0	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	42823	1000.0	1000.0	
75 Methyl methacrylate	100	6.519	6.514	0.005	83	40598	40.0	42.5	
74 1,4-Dioxane	88	6.545	6.550	-0.005	54	21233	400.0	446.2	
72 Dibromomethane	93	6.556	6.561	-0.005	94	58270	20.0	22.0	
76 n-Propyl acetate	43	6.587	6.587	0.000	98	107311	20.0	23.0	
77 Dichlorobromomethane	83	6.745	6.744	0.001	98	110192	20.0	20.7	
78 2-Nitropropane	41	7.143	7.148	-0.005	94	36846	40.0	44.3	
79 2-Chloroethyl vinyl ether	106	7.164	7.159	0.005	71	5797	20.0	21.4	
80 Epichlorohydrin	57	7.274	7.274	0.000	99	138347	400.0	425.7	
81 cis-1,3-Dichloropropene	75	7.342	7.342	0.000	86	136026	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.547	0.000	96	329378	100.0	100.2	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	98	571053	50.0	51.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.720	7.725	-0.005	92	330886	20.0	19.4	
85 trans-1,3-Dichloropropene	75	8.155	8.155	0.000	93	119924	20.0	19.5	
86 Ethyl methacrylate	69	8.207	8.202	0.005	87	92463	20.0	19.2	
87 1,1,2-Trichloroethane	83	8.407	8.406	0.001	95	64024	20.0	20.2	
88 Tetrachloroethene	166	8.449	8.448	0.001	91	84297	20.0	18.2	
89 1,3-Dichloropropane	76	8.658	8.658	0.000	90	122741	20.0	20.0	
90 2-Hexanone	43	8.753	8.753	0.001	95	228060	100.0	94.5	
93 n-Butyl acetate	43	8.900	8.905	-0.005	99	106787	20.0	19.7	
91 Chlorodibromomethane	129	8.931	8.931	0.000	96	91184	20.0	20.1	
92 Ethylene Dibromide	107	9.109	9.114	-0.005	96	83050	20.0	20.8	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	86	447178	50.0	50.0	
95 Chlorobenzene	112	9.822	9.822	0.000	95	216967	20.0	19.4	
97 Ethylbenzene	106	9.964	9.964	0.000	98	113894	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	9.974	9.979	-0.005	48	80778	20.0	19.8	
98 m-Xylene & p-Xylene	106	10.158	10.158	0.000	96	135669	20.0	19.0	
99 o-Xylene	106	10.798	10.797	0.001	94	132796	20.0	19.4	
101 n-Butyl acrylate	73	10.818	10.818	0.000	97	57883	20.0	20.0	
100 Styrene	104	10.850	10.850	0.000	96	216561	20.0	19.5	
102 Bromoform	173	11.165	11.164	0.001	95	56371	20.0	17.6	
103 Amyl acetate (mixed isomers)	43	11.196	11.196	0.000	91	118601	20.0	19.9	
104 Isopropylbenzene	105	11.374	11.379	-0.005	95	305096	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	92	181983	50.0	47.4	
106 Bromobenzene	156	11.830	11.830	0.000	95	88691	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	11.925	11.925	0.000	94	97494	20.0	20.9	
110 N-Propylbenzene	91	11.951	11.951	0.000	99	394970	20.0	19.3	
108 1,2,3-Trichloropropane	110	11.977	11.977	0.000	94	29682	20.0	21.3	
109 trans-1,4-Dichloro-2-butene	53	12.014	12.014	0.000	93	20812	20.0	17.0	
111 2-Chlorotoluene	91	12.077	12.077	0.000	97	262055	20.0	18.6	
112 4-Ethyltoluene	105	12.108	12.108	0.000	98	324558	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	12.197	12.197	0.000	91	255103	20.0	19.0	
113 4-Chlorotoluene	91	12.229	12.229	0.000	97	259432	20.0	18.7	
115 Butyl Methacrylate	87	12.349	12.355	-0.006	89	87003	20.0	18.2	
116 tert-Butylbenzene	119	12.559	12.559	0.000	93	216570	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	12.638	12.632	0.006	97	260936	20.0	19.2	
118 sec-Butylbenzene	105	12.811	12.811	0.000	99	317805	20.0	19.5	
119 1,3-Dichlorobenzene	146	12.952	12.957	-0.005	96	147751	20.0	18.5	
122 4-Isopropyltoluene	119	12.973	12.973	0.000	94	259161	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	228825	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.063	13.062	0.001	95	148144	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	13.094	13.094	0.000	98	260015	20.0	19.2	
124 Benzyl chloride	91	13.225	13.225	0.000	99	163832	20.0	20.0	
125 2,3-Dihydroindene	117	13.288	13.288	0.000	89	256210	20.0	20.0	
127 p-Diethylbenzene	119	13.367	13.372	-0.005	93	150751	20.0	19.2	
128 n-Butylbenzene	92	13.393	13.393	0.000	98	128437	20.0	19.2	
126 1,2-Dichlorobenzene	146	13.440	13.440	0.000	96	134851	20.0	19.2	
130 1,2,4,5-Tetramethylbenzene	119	14.106	14.106	0.000	95	205021	20.0	18.5	
129 1,2-Dibromo-3-Chloropropane	157	14.190	14.190	0.000	93	19635	20.0	19.5	
131 1,3,5-Trichlorobenzene	180	14.321	14.321	0.000	97	79571	20.0	16.9	
132 1,2,4-Trichlorobenzene	180	14.850	14.850	0.000	90	67052	20.0	16.7	
133 Hexachlorobutadiene	225	14.945	14.945	0.000	74	28213	20.0	14.3	
134 Naphthalene	128	15.055	15.055	0.000	99	174667	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	15.244	15.243	0.001	96	53840	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 137 Xylenes, Total	100				0		40.0	38.4	
S 140 Total BTEX	1				0		100.0	96.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
524FREONS_00019	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-May-2024 11:56:58 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677964.D

Injection Date: 22-May-2024 07:53:43 Instrument ID: CVOAMS15

Lims ID: LCS

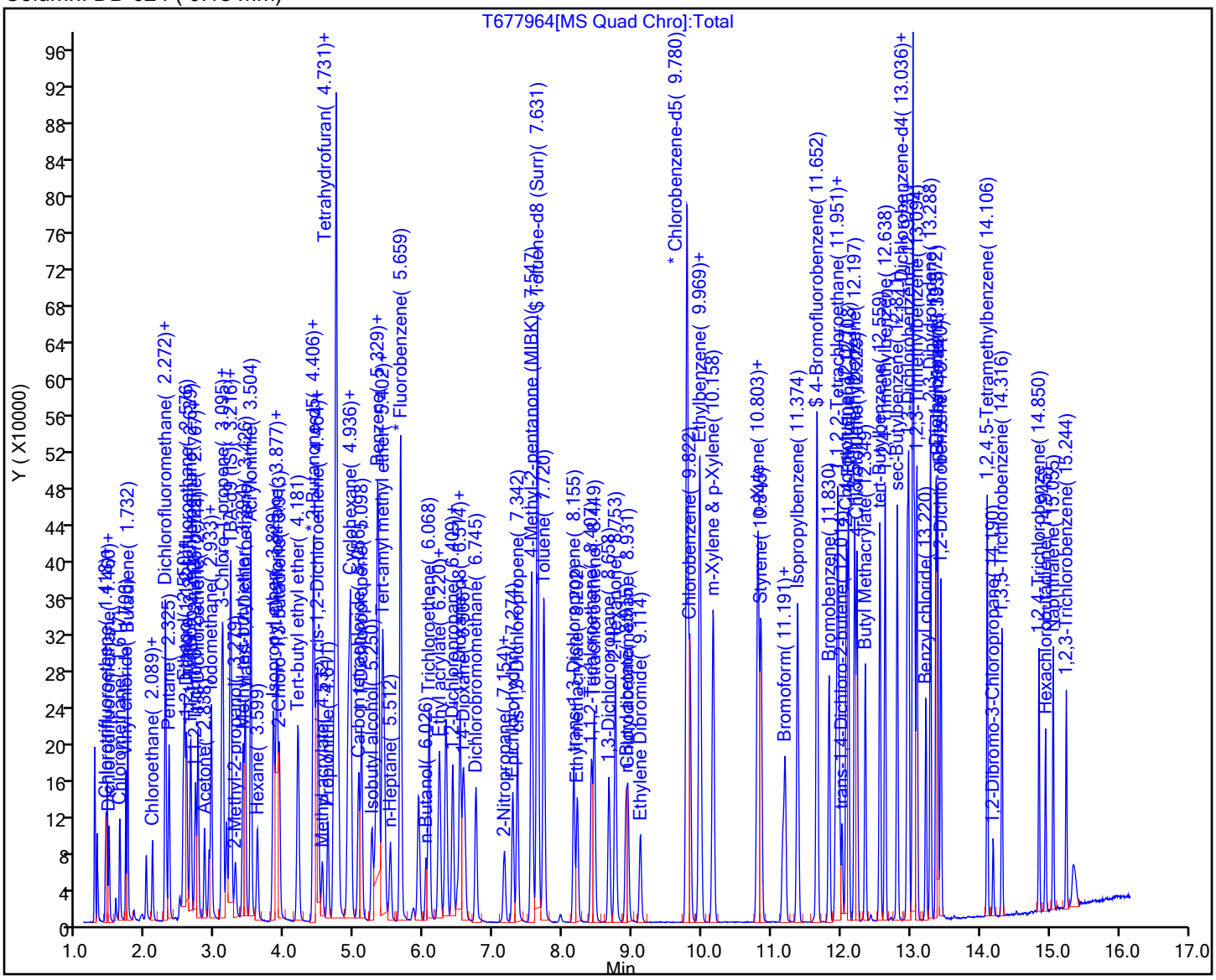
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677964.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-May-2024 07:53:43 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0176219-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:54 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:47:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.9	105.89
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.6	107.23
$ 83 Toluene-d8 (Surr)	50.0	51.1	102.10
$ 105 4-Bromofluorobenzene	50.0	47.4	94.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-976394/6

Matrix: Water | Lab File ID: TT80709.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 07:09

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.20
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	19.0		1.0	0.26
107-06-2	1,2-Dichloroethane	17.6		1.0	0.43
78-87-5	1,2-Dichloropropane	17.9		1.0	0.35
591-78-6	2-Hexanone	88.5		5.0	1.1
67-64-1	Acetone	84.7		5.0	4.4
71-43-2	Benzene	18.6		1.0	0.20
75-27-4	Bromodichloromethane	17.3		1.0	0.34
75-25-2	Bromoform	17.2		1.0	0.54
74-83-9	Bromomethane	22.3		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	18.9		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
75-00-3	Chloroethane	19.3		1.0	0.32
67-66-3	Chloroform	19.4		1.0	0.33
74-87-3	Chloromethane	19.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.7		1.0	0.22
124-48-1	Dibromochloromethane	17.7		1.0	0.28
100-41-4	Ethylbenzene	19.3		1.0	0.30
78-93-3	Methyl Ethyl Ketone	95.6		5.0	1.9
108-10-1	methyl isobutyl ketone	98.9		5.0	1.3
75-09-2	Methylene Chloride	20.0		1.0	0.32
100-42-5	Styrene	18.1		1.0	0.42
127-18-4	Tetrachloroethene	21.0		1.0	0.25
108-88-3	Toluene	18.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.2		1.0	0.22
79-01-6	Trichloroethene	18.7		1.0	0.31
75-01-4	Vinyl chloride	19.0		1.0	0.17
1330-20-7	Xylenes, Total	38.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-976394/6

Matrix: Water Lab File ID: TT80709.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 07:09

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80709.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-May-2024 07:09:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0176271-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:14:02 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 08:50:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.360	1.366	-0.006	65	24134	20.0	19.9	
2 1,1-Difluoroethane	65	1.360	1.372	-0.012	96	37931	20.0	21.7	
4 Dichlorodifluoromethane	85	1.385	1.397	-0.013	97	54431	20.0	14.5	
5 Chlorodifluoromethane	67	1.403	1.409	-0.006	98	12647	20.0	21.5	
6 Chloromethane	50	1.543	1.549	-0.006	98	68900	20.0	19.0	
8 Butadiene	54	1.641	1.641	0.000	82	47779	20.0	15.2	
7 Vinyl chloride	62	1.634	1.641	-0.007	98	63843	20.0	19.0	
9 Bromomethane	94	1.891	1.903	-0.013	99	47432	20.0	22.3	
10 Chloroethane	64	1.958	1.970	-0.012	98	36215	20.0	19.3	
11 Dichlorofluoromethane	67	2.122	2.128	-0.006	99	110349	20.0	18.1	
12 Trichlorofluoromethane	101	2.134	2.140	-0.006	98	67266	20.0	16.6	
13 Pentane	72	2.153	2.165	-0.012	97	11754	40.0	21.1	
14 Ethanol	46	2.311	2.311	0.000	89	6238	800.0	859.3	
15 Ethyl ether	74	2.336	2.342	-0.006	94	27409	20.0	17.7	
16 2-Methyl-1,3-butadiene	53	2.354	2.366	-0.012	95	41693	20.0	14.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.390	2.403	-0.013	94	64867	20.0	22.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.445	2.451	-0.006	97	97704	20.0	22.0	
19 Acrolein	56	2.494	2.500	-0.006	93	9698	40.0	29.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.531	-0.013	96	42537	20.0	14.7	a
21 1,1-Dichloroethene	96	2.531	2.537	-0.006	97	55183	20.0	19.0	
22 Acetone	43	2.616	2.616	0.000	89	35107	100.0	84.7	
23 Iodomethane	142	2.677	2.683	-0.006	96	115532	20.0	21.6	
25 Isopropyl alcohol	45	2.689	2.701	-0.012	32	16469	200.0	210.2	
24 Carbon disulfide	76	2.707	2.714	-0.007	99	203575	20.0	18.3	
26 3-Chloro-1-propene	76	2.829	2.835	-0.006	93	37039	20.0	18.8	
29 Acetonitrile	41	2.890	2.835	0.055	96	36868	200.0	219.3	a
27 Methyl acetate	43	2.842	2.848	-0.006	56	37796	40.0	31.9	
28 Cyclopentene	67	2.854	2.860	-0.006	93	102739	20.0	15.6	
30 Methylene Chloride	84	2.951	2.957	-0.006	89	64857	20.0	20.0	
* 31 TBA-d9 (IS)	66	2.951	2.963	-0.012	0	19923	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.012	3.024	-0.012	97	26195	200.0	206.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.104	3.110	-0.006	97	131721	20.0	19.2	
34 trans-1,2-Dichloroethene	96	3.134	3.140	-0.006	94	63652	20.0	19.6	
35 Acrylonitrile	53	3.201	3.201	0.000	96	106403	200.0	169.8	
36 Hexane	57	3.287	3.293	-0.006	91	49347	20.0	12.1	
37 Isopropyl ether	45	3.488	3.494	-0.006	95	166313	20.0	17.0	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	105120	20.0	19.3	
39 Vinyl acetate	86	3.524	3.524	0.000	100	15313	40.0	44.8	
40 2-Chloro-1,3-butadiene	88	3.561	3.561	0.000	88	47667	20.0	17.5	
41 Tert-butyl ethyl ether	59	3.793	3.793	0.000	90	151816	20.0	17.9	
* 42 2-Butanone-d5	46	3.975	3.982	-0.007	0	122675	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.000	0.006	91	21192	20.0	18.4	a
44 cis-1,2-Dichloroethene	96	4.012	4.018	-0.006	98	66070	20.0	19.5	
45 2-Butanone (MEK)	72	4.024	4.030	-0.006	97	14775	100.0	95.6	
46 Ethyl acetate	70	4.036	4.036	0.000	93	6623	40.0	38.7	
47 Methyl acrylate	55	4.085	4.091	-0.006	100	23970	20.0	16.5	
48 Propionitrile	54	4.152	4.158	-0.006	98	36439	200.0	207.4	
50 Tetrahydrofuran	72	4.225	4.232	-0.007	66	6662	40.0	38.7	
49 Chlorobromomethane	128	4.232	4.238	-0.006	85	28848	20.0	20.2	
51 Methacrylonitrile	67	4.262	4.262	0.000	89	121348	200.0	180.7	
52 Chloroform	83	4.286	4.292	-0.006	99	96448	20.0	19.4	
53 Cyclohexane	84	4.421	4.427	-0.007	89	66664	20.0	14.9	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	88	84698	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.445	-0.006	99	129031	50.0	51.3	
56 Carbon tetrachloride	117	4.549	4.549	0.000	99	71328	20.0	18.9	
57 1,1-Dichloropropene	75	4.573	4.579	-0.006	98	72231	20.0	18.0	
58 Isobutyl alcohol	43	4.701	4.744	-0.043	94	24430	500.0	439.2	
59 Isooctane	57	4.744	4.744	0.000	99	127380	20.0	12.4	
60 Benzene	78	4.768	4.768	0.000	96	227398	20.0	18.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.786	-0.006	0	111121	50.0	46.0	
63 Isopropyl acetate	61	4.835	4.829	0.006	92	18834	20.0	17.0	
62 Tert-amyl methyl ether	73	4.829	4.835	-0.006	92	132768	20.0	18.3	
64 1,2-Dichloroethane	62	4.853	4.859	-0.006	96	51262	20.0	17.6	
65 n-Heptane	100	4.933	4.920	0.013	90	9146	20.0	12.5	
* 66 Fluorobenzene	96	5.048	5.055	-0.007	99	516300	50.0	50.0	
67 n-Butanol	56	5.341	5.347	-0.006	87	14685	500.0	483.5	
68 Trichloroethene	95	5.396	5.396	0.000	96	55737	20.0	18.7	
70 Ethyl acrylate	99	5.518	5.518	0.000	94	4885	20.0	17.3	
69 Methylcyclohexane	83	5.524	5.524	0.000	87	73625	20.0	14.3	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	95	53648	20.0	17.9	
* 72 1,4-Dioxane-d8	96	5.725	5.731	-0.006	0	14853	1000.0	1000.0	M
73 Methyl methacrylate	100	5.762	5.762	0.000	84	15885	40.0	32.9	
75 1,4-Dioxane	88	5.786	5.786	0.000	63	6511	400.0	387.1	
74 Dibromomethane	93	5.804	5.804	0.000	93	25398	20.0	19.3	
76 n-Propyl acetate	43	5.817	5.817	0.000	97	35459	20.0	15.6	
77 Dichlorobromomethane	83	5.951	5.957	-0.006	99	60331	20.0	17.3	
78 2-Nitropropane	41	6.292	6.286	0.006	77	10593	40.0	30.8	
79 2-Chloroethyl vinyl ether	63	6.292	6.298	-0.006	86	19487	20.0	15.2	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	46631	400.0	405.8	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	90	76157	20.0	16.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.615	6.621	-0.006	95	51756	100.0	98.9	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	494334	50.0	48.3	
84 Toluene	91	6.768	6.768	0.000	93	233125	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	96	56695	20.0	16.2	
86 Ethyl methacrylate	69	7.152	7.152	0.000	87	41000	20.0	14.0	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	30248	20.0	18.3	
88 Tetrachloroethene	166	7.371	7.371	0.000	96	65081	20.0	21.0	
89 1,3-Dichloropropane	76	7.536	7.536	0.000	91	57257	20.0	17.4	
90 2-Hexanone	43	7.603	7.603	0.000	95	70202	100.0	88.5	
91 n-Butyl acetate	43	7.719	7.719	0.000	98	39925	20.0	14.3	
92 Chlorodibromomethane	129	7.761	7.761	0.000	98	41939	20.0	17.7	
93 Ethylene Dibromide	107	7.914	7.914	0.000	99	31471	20.0	16.8	
* 94 Chlorobenzene-d5	117	8.456	8.462	-0.006	85	383457	50.0	50.0	
95 Chlorobenzene	112	8.493	8.493	0.000	96	150105	20.0	19.8	
96 Ethylbenzene	106	8.603	8.603	0.000	98	82817	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	96	54151	20.0	18.1	
98 m-Xylene & p-Xylene	106	8.761	8.761	0.000	0	101027	20.0	19.1	
100 n-Butyl acrylate	73	9.273	9.267	0.006	97	24653	20.0	14.0	
99 o-Xylene	106	9.273	9.273	0.000	95	103451	20.0	19.0	
101 Styrene	104	9.310	9.310	0.000	96	155305	20.0	18.1	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	92	53748	20.0	13.0	
102 Bromoform	173	9.548	9.548	0.000	65	24676	20.0	17.2	
104 Isopropylbenzene	105	9.700	9.700	0.000	95	242355	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	168012	50.0	53.2	
106 Bromobenzene	156	10.066	10.066	0.000	93	67883	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	10.121	10.121	0.000	97	37518	20.0	15.3	
108 N-Propylbenzene	91	10.151	10.151	0.000	100	310622	20.0	17.5	
109 1,2,3-Trichloropropane	110	10.169	10.169	0.000	97	10582	20.0	15.6	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	90	7497	20.0	13.5	a
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	213095	20.0	17.3	
112 4-Ethyltoluene	105	10.279	10.273	0.006	98	266630	20.0	18.1	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	221318	20.0	17.7	
114 4-Chlorotoluene	91	10.383	10.383	0.000	97	187689	20.0	17.1	
115 Butyl Methacrylate	87	10.462	10.462	0.000	88	60280	20.0	13.9	
116 tert-Butylbenzene	119	10.657	10.657	0.000	95	185035	20.0	18.1	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	97	236768	20.0	18.2	
118 sec-Butylbenzene	105	10.864	10.870	-0.006	99	284945	20.0	17.7	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	135036	20.0	19.4	
120 4-Isopropyltoluene	119	11.005	11.005	0.000	98	254890	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	11.066	11.066	0.000	93	218591	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	97	133957	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	98	239586	20.0	17.8	
124 Benzyl chloride	91	11.230	11.224	0.006	99	78844	20.0	15.1	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	222422	20.0	18.4	
126 p-Diethylbenzene	119	11.352	11.352	0.000	96	161280	20.0	18.5	
127 n-Butylbenzene	92	11.376	11.376	0.000	97	129801	20.0	17.7	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	98	123213	20.0	19.2	
129 1,2,4,5-Tetramethylbenzene	119	12.017	12.017	0.000	98	236940	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	91	6116	20.0	15.6	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	119074	20.0	19.9	
132 1,2,4-Trichlorobenzene	180	12.712	12.712	0.000	93	97260	20.0	20.1	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	58339	20.0	19.0	
134 Naphthalene	128	12.907	12.907	0.000	100	135436	20.0	19.2	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	96	80141	20.0	21.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	32.8	
S 140 Total BTEX	1				0		100.0	94.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00019	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 23-May-2024 09:14:06 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80709.D

Injection Date: 23-May-2024 07:09:30 Instrument ID: CVOAMS17

Lims ID: LCS

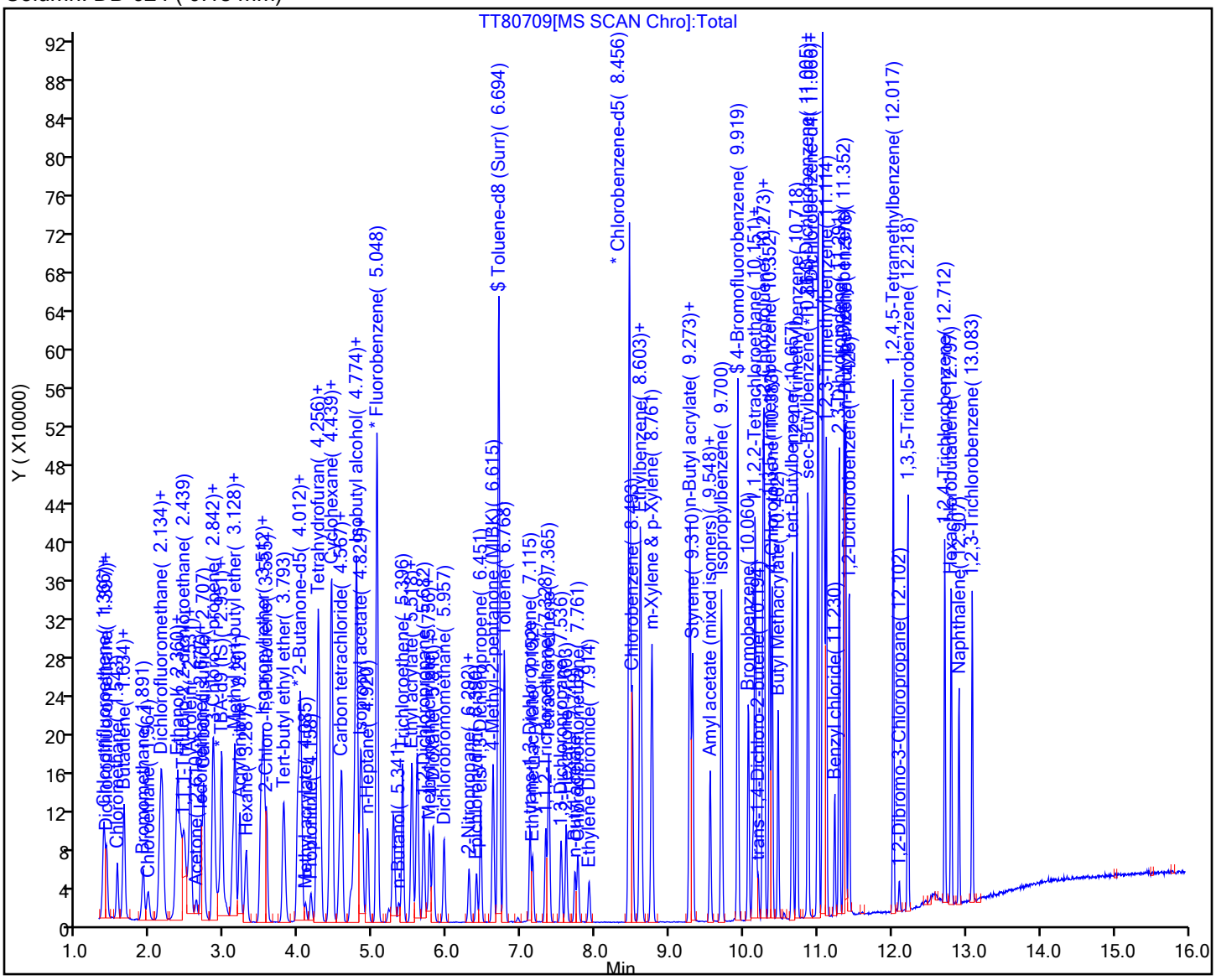
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80709.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-May-2024 07:09:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0176271-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:14:02 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 08:50:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.3	102.68
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.0	92.01
$ 83 Toluene-d8 (Surr)	50.0	48.3	96.59
$ 105 4-Bromofluorobenzene	50.0	53.2	106.34

Manual Integration/User Assign Peak Report

Eurofins Edison

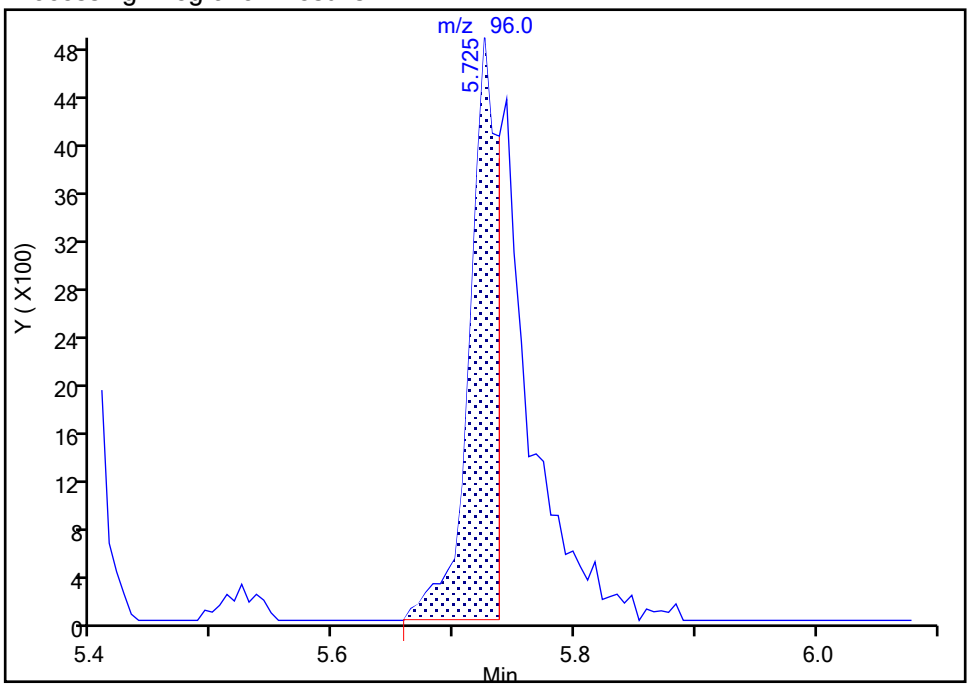
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80709.D
Injection Date: 23-May-2024 07:09:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

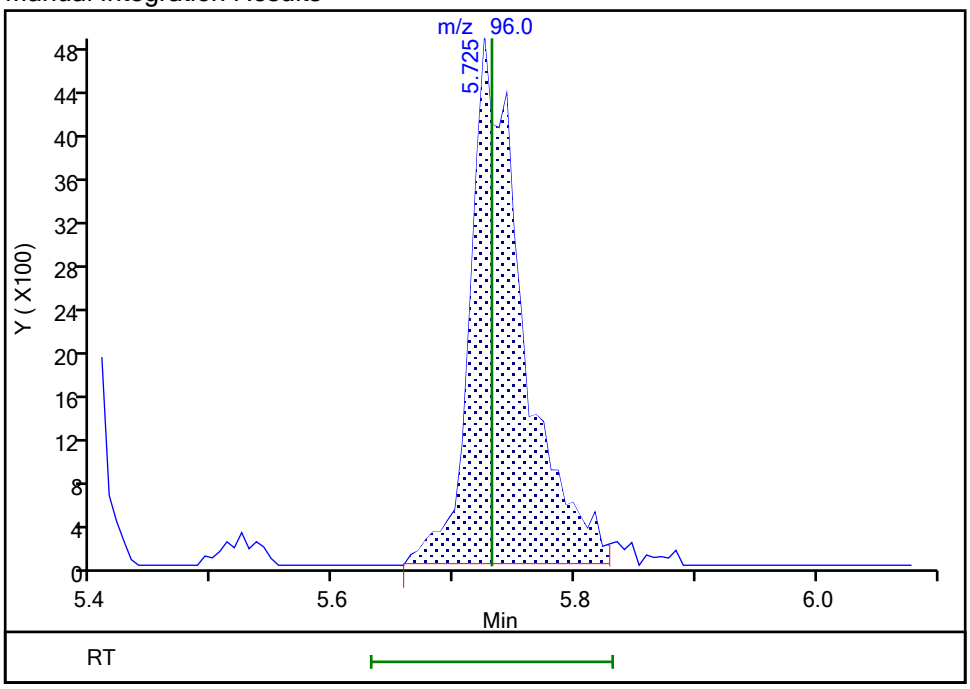
Processing Integration Results

RT: 5.73
Area: 8172
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.73
Area: 14853
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 23-May-2024 08:49:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-976170/4

Matrix: Water | Lab File ID: T677965.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 08:16

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.20
75-34-3	1,1-Dichloroethane	19.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.2		1.0	0.26
107-06-2	1,2-Dichloroethane	21.3		1.0	0.43
78-87-5	1,2-Dichloropropane	18.7		1.0	0.35
591-78-6	2-Hexanone	93.8		5.0	1.1
67-64-1	Acetone	86.1		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-27-4	Bromodichloromethane	20.5		1.0	0.34
75-25-2	Bromoform	17.6		1.0	0.54
74-83-9	Bromomethane	23.7		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	19.9		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
75-00-3	Chloroethane	18.8		1.0	0.32
67-66-3	Chloroform	21.4		1.0	0.33
74-87-3	Chloromethane	17.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
124-48-1	Dibromochloromethane	20.0		1.0	0.28
100-41-4	Ethylbenzene	19.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	98.3		5.0	1.9
108-10-1	methyl isobutyl ketone	99.5		5.0	1.3
75-09-2	Methylene Chloride	18.7		1.0	0.32
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	18.6		1.0	0.25
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.22
79-01-6	Trichloroethene	19.6		1.0	0.31
75-01-4	Vinyl chloride	22.4		1.0	0.17
1330-20-7	Xylenes, Total	38.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-976170/4

Matrix: Water Lab File ID: T677965.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 08:16

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677965.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-May-2024 08:16:18 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0176219-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:54 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:49:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.302	0.000	66	3681	20.0	22.0	
3 Chlorotrifluoroethene	116	1.402	1.407	-0.005	97	15395	20.0	17.9	
2 1,1-Difluoroethane	65	1.417	1.423	-0.006	96	37497	20.0	18.4	
4 Dichlorodifluoromethane	85	1.433	1.438	-0.005	88	75414	20.0	14.4	
5 Chlorodifluoromethane	67	1.459	1.459	0.000	79	15556	20.0	20.8	
6 Chloromethane	50	1.611	1.617	-0.006	88	94355	20.0	17.6	
7 Vinyl chloride	62	1.700	1.706	-0.006	83	109555	20.0	22.4	
8 Butadiene	54	1.727	1.732	-0.005	93	87732	20.0	22.7	
9 Bromomethane	94	1.994	1.994	0.000	97	41565	20.0	23.7	
10 Chloroethane	64	2.083	2.089	-0.005	98	60492	20.0	18.8	
11 Dichlorofluoromethane	67	2.267	2.272	-0.005	90	169644	20.0	19.8	
12 Trichlorofluoromethane	101	2.272	2.277	-0.005	70	123431	20.0	18.8	
13 Pentane	72	2.324	2.324	0.000	96	13962	40.0	19.3	
14 Ethanol	46	2.476	2.476	0.000	99	16719	800.0	739.0	
15 Ethyl ether	59	2.529	2.529	0.000	91	63238	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.545	2.550	-0.005	97	55000	20.0	17.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.576	2.581	-0.005	85	73551	20.0	22.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.634	2.639	-0.005	89	118248	20.0	20.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.702	2.702	0.000	94	54875	20.0	14.7	
19 Acrolein	56	2.707	2.707	0.000	74	25038	40.0	31.9	
20 1,1-Dichloroethene	96	2.744	2.744	0.000	96	75803	20.0	19.2	
22 Acetone	43	2.833	2.838	-0.005	87	102803	100.0	86.1	
23 Iodomethane	142	2.901	2.901	0.000	99	102007	20.0	25.1	
25 Isopropyl alcohol	45	2.922	2.927	-0.005	43	47606	200.0	174.5	
24 Carbon disulfide	76	2.933	2.938	-0.005	99	254303	20.0	18.4	
27 3-Chloro-1-propene	76	3.085	3.085	0.000	85	49278	20.0	19.1	
28 Methyl acetate	43	3.095	3.095	0.000	96	110707	40.0	39.8	
29 Cyclopentene	67	3.100	3.106	-0.006	92	143744	20.0	18.2	
26 Acetonitrile	41	3.153	3.153	0.000	99	95016	200.0	200.4	
* 31 TBA-d9 (IS)	66	3.200	3.205	-0.005	98	53190	1000.0	1000.0	
30 Methylene Chloride	84	3.216	3.221	-0.005	81	89774	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.279	3.279	0.000	99	75948	200.0	188.5	
35 Methyl tert-butyl ether	73	3.394	3.394	0.000	96	226558	20.0	21.5	
34 trans-1,2-Dichloroethene	96	3.420	3.420	0.000	85	87593	20.0	19.0	
33 Acrylonitrile	53	3.499	3.504	-0.005	93	287409	200.0	193.3	
36 Hexane	57	3.593	3.593	0.000	92	52125	20.0	9.90	
40 Isopropyl ether	45	3.824	3.829	-0.005	95	231195	20.0	19.1	
37 1,1-Dichloroethane	63	3.861	3.861	0.000	94	145010	20.0	19.4	
38 Vinyl acetate	86	3.882	3.887	-0.005	99	35391	40.0	43.2	
39 2-Chloro-1,3-butadiene	88	3.908	3.913	-0.005	91	72359	20.0	19.4	
41 Tert-butyl ethyl ether	59	4.180	4.181	0.000	89	224217	20.0	20.2	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	88	349292	250.0	250.0	
44 2,2-Dichloropropane	97	4.411	4.411	0.000	71	31675	20.0	19.4	
43 cis-1,2-Dichloroethene	96	4.443	4.448	-0.005	92	98814	20.0	19.7	
45 2-Butanone (MEK)	72	4.464	4.464	0.000	97	47007	100.0	98.3	
47 Ethyl acetate	70	4.474	4.474	0.000	96	15891	40.0	36.9	
48 Methyl acrylate	55	4.532	4.532	0.000	100	68349	20.0	19.2	
46 Propionitrile	54	4.610	4.616	-0.006	98	115234	200.0	206.2	
51 Tetrahydrofuran	72	4.694	4.700	-0.006	79	20392	40.0	40.5	
49 Chlorobromomethane	128	4.700	4.700	0.000	81	49490	20.0	21.2	
50 Methacrylonitrile	67	4.731	4.731	0.000	90	338625	200.0	213.1	
52 Chloroform	83	4.762	4.762	0.000	99	156649	20.0	21.4	
55 Cyclohexane	84	4.899	4.904	-0.005	90	88437	20.0	15.7	
54 1,1,1-Trichloroethane	97	4.920	4.920	0.000	92	135087	20.0	21.1	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	95	181125	50.0	52.7	
56 Carbon tetrachloride	117	5.056	5.056	0.000	90	119155	20.0	19.9	
57 1,1-Dichloropropene	75	5.093	5.098	-0.005	98	117596	20.0	19.7	
59 Isobutyl alcohol	43	5.245	5.245	0.000	97	84934	500.0	322.2	
62 Isooctane	57	5.292	5.292	0.000	96	95149	20.0	10.9	a
60 Benzene	78	5.318	5.324	-0.006	96	332346	20.0	19.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.344	5.344	0.000	89	178143	50.0	52.3	
64 Tert-amyl methyl ether	73	5.402	5.407	-0.005	80	220782	20.0	20.8	
63 Isopropyl acetate	61	5.407	5.407	0.000	90	40221	20.0	18.9	
61 1,2-Dichloroethane	62	5.428	5.428	0.000	90	107057	20.0	21.3	
66 n-Heptane	43	5.507	5.507	0.000	88	40101	20.0	11.1	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	602021	50.0	50.0	
68 n-Butanol	56	6.026	6.026	0.000	86	45178	500.0	394.4	
67 Trichloroethene	95	6.068	6.068	0.000	95	91632	20.0	19.6	
70 Methylcyclohexane	83	6.210	6.210	0.000	86	81066	20.0	14.2	a
69 Ethyl acrylate	55	6.225	6.225	0.000	97	147806	20.0	16.5	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	90	84300	20.0	18.7	
* 73 1,4-Dioxane-d8	96	6.477	6.477	0.000	1	46241	1000.0	1000.0	
75 Methyl methacrylate	100	6.514	6.514	0.000	85	42871	40.0	41.1	
74 1,4-Dioxane	88	6.545	6.550	-0.005	56	22952	400.0	446.6	
72 Dibromomethane	93	6.556	6.561	-0.005	96	60488	20.0	20.9	
76 n-Propyl acetate	43	6.582	6.587	-0.005	97	101626	20.0	19.9	
77 Dichlorobromomethane	83	6.744	6.744	0.000	95	119270	20.0	20.5	
78 2-Nitropropane	41	7.148	7.148	0.000	92	36772	40.0	40.4	
79 2-Chloroethyl vinyl ether	106	7.159	7.159	0.000	61	5390	20.0	18.2	
80 Epichlorohydrin	57	7.274	7.274	0.000	99	136403	400.0	416.9	
81 cis-1,3-Dichloropropene	75	7.342	7.342	0.000	85	146725	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.547	-0.001	95	329039	100.0	99.5	
$ 83 Toluene-d8 (Surr)	98	7.630	7.630	0.000	99	618135	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.720	7.725	-0.005	92	357041	20.0	19.3	
85 trans-1,3-Dichloropropene	75	8.149	8.155	-0.006	93	127815	20.0	19.1	
86 Ethyl methacrylate	69	8.202	8.202	0.000	87	94669	20.0	18.0	
87 1,1,2-Trichloroethane	83	8.412	8.406	0.006	94	70035	20.0	20.3	
88 Tetrachloroethene	166	8.448	8.448	0.000	90	93687	20.0	18.6	
89 1,3-Dichloropropane	76	8.658	8.658	0.000	91	131433	20.0	19.7	
90 2-Hexanone	43	8.752	8.753	0.000	96	227746	100.0	93.8	
93 n-Butyl acetate	43	8.904	8.905	-0.001	98	107929	20.0	18.3	
91 Chlorodibromomethane	129	8.936	8.931	0.005	96	98836	20.0	20.0	
92 Ethylene Dibromide	107	9.109	9.114	-0.005	98	87349	20.0	20.1	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	83	486905	50.0	50.0	
95 Chlorobenzene	112	9.822	9.822	0.000	96	238426	20.0	19.5	
97 Ethylbenzene	106	9.964	9.964	0.000	98	122534	20.0	19.0	
96 1,1,1,2-Tetrachloroethane	131	9.974	9.979	-0.005	46	87889	20.0	19.8	
98 m-Xylene & p-Xylene	106	10.158	10.158	0.000	96	147285	20.0	18.9	
99 o-Xylene	106	10.797	10.797	0.000	94	142943	20.0	19.2	
101 n-Butyl acrylate	73	10.818	10.818	0.000	98	59573	20.0	18.9	
100 Styrene	104	10.850	10.850	0.000	97	238498	20.0	19.7	
102 Bromoform	173	11.164	11.164	0.000	94	61276	20.0	17.6	
103 Amyl acetate (mixed isomers)	43	11.196	11.196	0.000	91	122112	20.0	18.7	
104 Isopropylbenzene	105	11.374	11.379	-0.005	96	333715	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	92	200325	50.0	47.9	
106 Bromobenzene	156	11.830	11.830	0.000	93	97640	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.925	11.925	-0.001	95	101201	20.0	19.8	
110 N-Propylbenzene	91	11.951	11.951	0.000	99	428750	20.0	19.2	
108 1,2,3-Trichloropropane	110	11.982	11.977	0.005	93	32099	20.0	21.1	
109 trans-1,4-Dichloro-2-butene	53	12.014	12.014	0.000	95	22829	20.0	17.1	
111 2-Chlorotoluene	91	12.077	12.077	0.000	97	286126	20.0	18.6	
112 4-Ethyltoluene	105	12.108	12.108	0.000	99	353536	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	12.197	12.197	0.000	92	275728	20.0	18.8	
113 4-Chlorotoluene	91	12.229	12.229	0.000	97	283158	20.0	18.6	
115 Butyl Methacrylate	87	12.349	12.355	-0.006	87	91882	20.0	17.6	
116 tert-Butylbenzene	119	12.559	12.559	0.000	94	239159	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	12.638	12.632	0.006	98	282778	20.0	19.1	
118 sec-Butylbenzene	105	12.811	12.811	0.000	99	344498	20.0	19.4	
119 1,3-Dichlorobenzene	146	12.952	12.957	-0.005	96	163519	20.0	18.7	
122 4-Isopropyltoluene	119	12.973	12.973	0.000	94	286471	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	250198	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.062	13.062	0.000	94	161919	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	13.094	13.094	0.000	98	286010	20.0	19.3	
124 Benzyl chloride	91	13.220	13.225	-0.005	98	167804	20.0	18.7	
125 2,3-Dihydroindene	117	13.288	13.288	0.000	90	281808	20.0	20.2	
127 p-Diethylbenzene	119	13.372	13.372	0.000	93	163968	20.0	19.1	
128 n-Butylbenzene	92	13.393	13.393	0.000	97	136887	20.0	18.7	
126 1,2-Dichlorobenzene	146	13.440	13.440	0.000	96	146151	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	14.106	14.106	0.000	97	222000	20.0	18.3	
129 1,2-Dibromo-3-Chloropropane	157	14.190	14.190	0.000	94	20233	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.315	14.321	-0.006	96	86341	20.0	16.8	
132 1,2,4-Trichlorobenzene	180	14.850	14.850	0.000	90	72663	20.0	16.6	
133 Hexachlorobutadiene	225	14.945	14.945	0.000	75	31486	20.0	14.6	
134 Naphthalene	128	15.055	15.055	0.000	99	186323	20.0	20.2	
135 1,2,3-Trichlorobenzene	180	15.243	15.243	0.000	94	57930	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	38.1	
S 140 Total BTEX	1				0		100.0	95.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
524FREONS_00019	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-May-2024 11:57:06 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677965.D

Injection Date: 22-May-2024 08:16:18 Instrument ID: CVOAMS15

Lims ID: LCSD

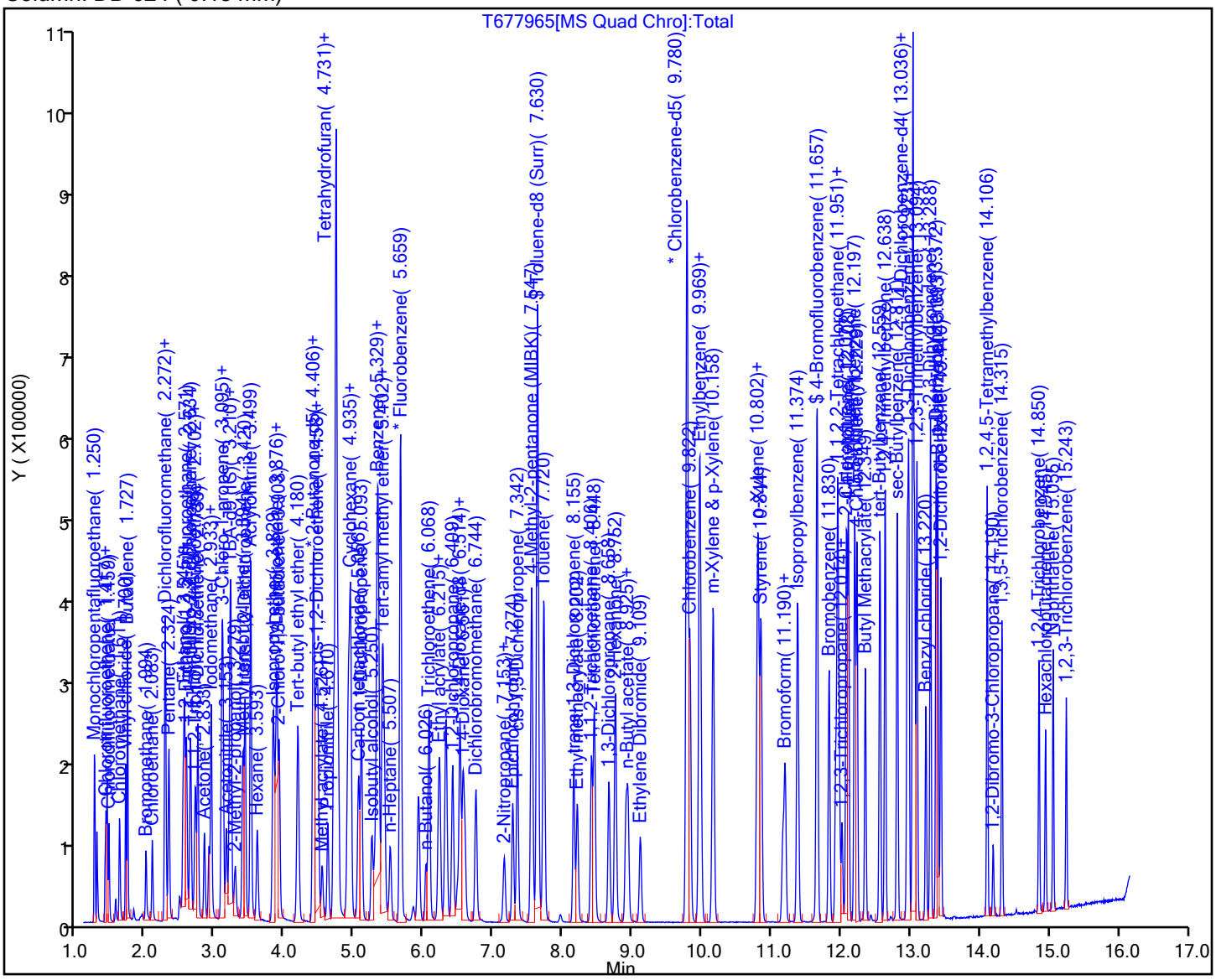
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677965.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-May-2024 08:16:18 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0176219-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 11:56:54 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 22-May-2024 11:49:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.7	105.45
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.62
$ 83 Toluene-d8 (Surr)	50.0	50.8	101.50
$ 105 4-Bromofluorobenzene	50.0	47.9	95.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-976394/7

Matrix: Water | Lab File ID: TT80710.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/23/2024 07:28

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.20
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.26
107-06-2	1,2-Dichloroethane	18.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
591-78-6	2-Hexanone	93.8		5.0	1.1
67-64-1	Acetone	91.2		5.0	4.4
71-43-2	Benzene	20.2		1.0	0.20
75-27-4	Bromodichloromethane	18.5		1.0	0.34
75-25-2	Bromoform	18.6		1.0	0.54
74-83-9	Bromomethane	23.4		1.0	0.55
75-15-0	Carbon disulfide	19.3		1.0	0.82
56-23-5	Carbon tetrachloride	19.7		1.0	0.21
108-90-7	Chlorobenzene	20.9		1.0	0.38
75-00-3	Chloroethane	19.9		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	18.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.22
124-48-1	Dibromochloromethane	18.5		1.0	0.28
100-41-4	Ethylbenzene	20.7		1.0	0.30
78-93-3	Methyl Ethyl Ketone	106		5.0	1.9
108-10-1	methyl isobutyl ketone	105		5.0	1.3
75-09-2	Methylene Chloride	21.4		1.0	0.32
100-42-5	Styrene	19.5		1.0	0.42
127-18-4	Tetrachloroethene	22.6		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.22
79-01-6	Trichloroethene	19.8		1.0	0.31
75-01-4	Vinyl chloride	19.1		1.0	0.17
1330-20-7	Xylenes, Total	40.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-976394/7

Matrix: Water Lab File ID: TT80710.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/23/2024 07:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976394 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80710.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 23-May-2024 07:28:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0176271-007
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:14:02 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 08:59:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	63	25115	20.0	19.1	
2 1,1-Difluoroethane	65	1.378	1.372	0.006	98	40298	20.0	21.3	
4 Dichlorodifluoromethane	85	1.396	1.397	-0.001	97	57274	20.0	14.1	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	14062	20.0	22.1	
6 Chloromethane	50	1.555	1.549	0.006	99	72111	20.0	18.4	
8 Butadiene	54	1.646	1.641	0.005	80	52362	20.0	15.4	
7 Vinyl chloride	62	1.646	1.641	0.005	98	69588	20.0	19.1	
9 Bromomethane	94	1.909	1.903	0.006	99	53893	20.0	23.4	
10 Chloroethane	64	1.970	1.970	0.000	99	40324	20.0	19.9	
11 Dichlorofluoromethane	67	2.134	2.128	0.006	99	135256	20.0	20.4	
12 Trichlorofluoromethane	101	2.146	2.140	0.006	99	77498	20.0	17.6	
13 Pentane	72	2.171	2.165	0.006	96	12977	40.0	21.5	
14 Ethanol	46	2.317	2.311	0.006	90	7057	800.0	942.5	
15 Ethyl ether	74	2.341	2.342	-0.001	93	32403	20.0	19.3	
16 2-Methyl-1,3-butadiene	53	2.366	2.366	0.000	95	46703	20.0	15.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.408	2.403	0.005	91	71369	20.0	23.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.451	0.006	91	108558	20.0	22.6	
19 Acrolein	56	2.506	2.500	0.006	93	10702	40.0	29.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.531	-0.007	88	46402	20.0	14.8	a
21 1,1-Dichloroethene	96	2.543	2.537	0.006	98	62090	20.0	19.8	
22 Acetone	43	2.616	2.616	0.000	87	40071	100.0	91.2	
23 Iodomethane	142	2.689	2.683	0.006	97	129107	20.0	22.3	
25 Isopropyl alcohol	45	2.713	2.701	0.012	27	18385	200.0	227.5	
24 Carbon disulfide	76	2.719	2.714	0.005	99	232431	20.0	19.3	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	92	41591	20.0	19.5	
29 Acetonitrile	41	2.908	2.835	0.073	94	48888	200.0	274.1	a
27 Methyl acetate	43	2.847	2.848	-0.001	57	45958	40.0	35.8	
28 Cyclopentene	67	2.860	2.860	0.000	93	120027	20.0	16.8	
30 Methylene Chloride	84	2.963	2.957	0.006	90	75126	20.0	21.4	
* 31 TBA-d9 (IS)	66	2.951	2.963	-0.012	0	20549	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.012	3.024	-0.012	98	29359	200.0	224.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	147892	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	93	72696	20.0	20.7	
35 Acrylonitrile	53	3.207	3.201	0.006	95	123058	200.0	181.3	
36 Hexane	57	3.292	3.293	-0.001	91	54650	20.0	12.4	
37 Isopropyl ether	45	3.494	3.494	0.000	95	191742	20.0	18.1	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	100	121044	20.0	20.5	
39 Vinyl acetate	86	3.530	3.524	0.006	100	17969	40.0	49.5	
40 2-Chloro-1,3-butadiene	88	3.567	3.561	0.006	89	56179	20.0	19.0	
41 Tert-butyl ethyl ether	59	3.792	3.793	-0.001	89	175794	20.0	19.1	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	130144	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.000	0.012	93	25318	20.0	20.3	
44 cis-1,2-Dichloroethene	96	4.024	4.018	0.006	98	76432	20.0	20.8	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	17452	100.0	106.4	
46 Ethyl acetate	70	4.042	4.036	0.006	95	7660	40.0	42.2	
47 Methyl acrylate	55	4.091	4.091	0.000	99	28904	20.0	18.4	
48 Propionitrile	54	4.158	4.158	0.000	98	40968	200.0	226.0	
50 Tetrahydrofuran	72	4.231	4.232	-0.001	60	8336	40.0	45.6	
49 Chlorobromomethane	128	4.237	4.238	-0.001	83	32756	20.0	21.2	
51 Methacrylonitrile	67	4.262	4.262	0.000	89	140300	200.0	192.9	
52 Chloroform	83	4.292	4.292	0.000	99	111336	20.0	20.7	
53 Cyclohexane	84	4.426	4.427	-0.001	89	74720	20.0	15.5	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	96	96371	20.0	20.9	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	99	142294	50.0	52.3	
56 Carbon tetrachloride	117	4.554	4.549	0.005	97	80388	20.0	19.7	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	82335	20.0	19.0	
58 Isobutyl alcohol	43	4.701	4.744	-0.043	95	25651	500.0	447.1	
59 Isooctane	57	4.743	4.744	-0.001	99	140950	20.0	12.7	
60 Benzene	78	4.774	4.768	0.006	96	264191	20.0	20.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	119864	50.0	45.8	
63 Isopropyl acetate	61	4.829	4.829	0.000	80	21696	20.0	18.1	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	90	155571	20.0	19.8	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	97	59628	20.0	18.9	
65 n-Heptane	100	4.932	4.920	0.012	90	10964	20.0	13.9	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	559178	50.0	50.0	
67 n-Butanol	56	5.353	5.347	0.006	84	17606	500.0	561.9	
68 Trichloroethene	95	5.396	5.396	0.000	96	63923	20.0	19.8	
70 Ethyl acrylate	99	5.524	5.518	0.006	94	5587	20.0	18.3	a
69 Methylcyclohexane	83	5.524	5.524	0.000	83	82093	20.0	14.7	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	95	62144	20.0	19.2	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	12635	1000.0	1000.0	
73 Methyl methacrylate	100	5.761	5.762	-0.001	86	18960	40.0	36.3	
75 1,4-Dioxane	88	5.792	5.786	0.006	89	6621	400.0	462.8	
74 Dibromomethane	93	5.810	5.804	0.006	92	28193	20.0	19.8	
76 n-Propyl acetate	43	5.816	5.817	-0.001	97	41290	20.0	16.7	
77 Dichlorobromomethane	83	5.957	5.957	0.000	99	69880	20.0	18.5	
78 2-Nitropropane	41	6.298	6.286	0.012	76	12072	40.0	32.4	
79 2-Chloroethyl vinyl ether	63	6.292	6.298	-0.006	84	22962	20.0	16.5	
80 Epichlorohydrin	57	6.395	6.396	-0.001	99	52705	400.0	432.4	
81 cis-1,3-Dichloropropene	75	6.450	6.451	-0.001	91	87143	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	95	58279	100.0	105.0	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	538585	50.0	49.2	
84 Toluene	91	6.767	6.768	-0.001	93	272327	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	96	65093	20.0	17.4	
86 Ethyl methacrylate	69	7.151	7.152	-0.001	87	49601	20.0	15.9	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	34819	20.0	19.6	
88 Tetrachloroethene	166	7.371	7.371	0.000	95	74634	20.0	22.6	
89 1,3-Dichloropropane	76	7.535	7.536	-0.001	90	66844	20.0	19.0	
90 2-Hexanone	43	7.603	7.603	0.000	94	78964	100.0	93.8	
91 n-Butyl acetate	43	7.724	7.719	0.005	98	45274	20.0	15.2	
92 Chlorodibromomethane	129	7.761	7.761	0.000	98	46983	20.0	18.5	
93 Ethylene Dibromide	107	7.913	7.914	-0.001	99	36130	20.0	18.0	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	84	410218	50.0	50.0	
95 Chlorobenzene	112	8.493	8.493	0.000	96	169486	20.0	20.9	
96 Ethylbenzene	106	8.602	8.603	-0.001	97	95124	20.0	20.7	
97 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	96	60968	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.761	8.761	0.000	0	116680	20.0	20.7	
100 n-Butyl acrylate	73	9.267	9.267	0.000	97	26837	20.0	14.3	
99 o-Xylene	106	9.273	9.273	0.000	95	116746	20.0	20.0	
101 Styrene	104	9.310	9.310	0.000	96	179320	20.0	19.5	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	92	59297	20.0	13.8	
102 Bromoform	173	9.547	9.548	-0.001	80	28500	20.0	18.6	
104 Isopropylbenzene	105	9.700	9.700	0.000	95	275902	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	98	182056	50.0	53.9	
106 Bromobenzene	156	10.065	10.066	-0.001	92	79477	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	10.120	10.121	-0.001	98	43563	20.0	17.2	
108 N-Propylbenzene	91	10.151	10.151	0.000	100	351551	20.0	19.1	
109 1,2,3-Trichloropropane	110	10.175	10.169	0.006	96	12162	20.0	17.4	
110 trans-1,4-Dichloro-2-butene	53	10.194	10.200	-0.006	94	8324	20.0	14.5	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	239678	20.0	18.9	
112 4-Ethyltoluene	105	10.279	10.273	0.006	98	299806	20.0	19.7	
113 1,3,5-Trimethylbenzene	105	10.346	10.352	-0.006	93	248152	20.0	19.2	
114 4-Chlorotoluene	91	10.382	10.383	-0.001	96	213279	20.0	18.8	
115 Butyl Methacrylate	87	10.462	10.462	0.000	87	69675	20.0	15.5	
116 tert-Butylbenzene	119	10.657	10.657	0.000	96	210249	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	97	263213	20.0	19.6	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	322381	20.0	19.3	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	154200	20.0	21.5	
120 4-Isopropyltoluene	119	11.004	11.005	-0.001	98	287081	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	11.065	11.066	-0.001	94	226000	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	97	150954	20.0	21.7	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	98	266827	20.0	19.1	
124 Benzyl chloride	91	11.230	11.224	0.006	99	86201	20.0	16.0	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	250467	20.0	20.0	
126 p-Diethylbenzene	119	11.352	11.352	0.000	95	180709	20.0	20.1	
127 n-Butylbenzene	92	11.376	11.376	0.000	97	148021	20.0	19.5	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	98	139674	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.017	-0.001	98	271546	20.0	20.2	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	91	6701	20.0	16.6	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	134107	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	12.711	12.712	-0.001	93	107300	20.0	21.4	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	65910	20.0	20.7	
134 Naphthalene	128	12.906	12.907	-0.001	99	149577	20.0	20.5	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	95	87376	20.0	22.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.2	
S 140 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00019	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 23-May-2024 09:14:13 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80710.D

Injection Date: 23-May-2024 07:28:30 Instrument ID: CVOAMS17

Lims ID: LCSD

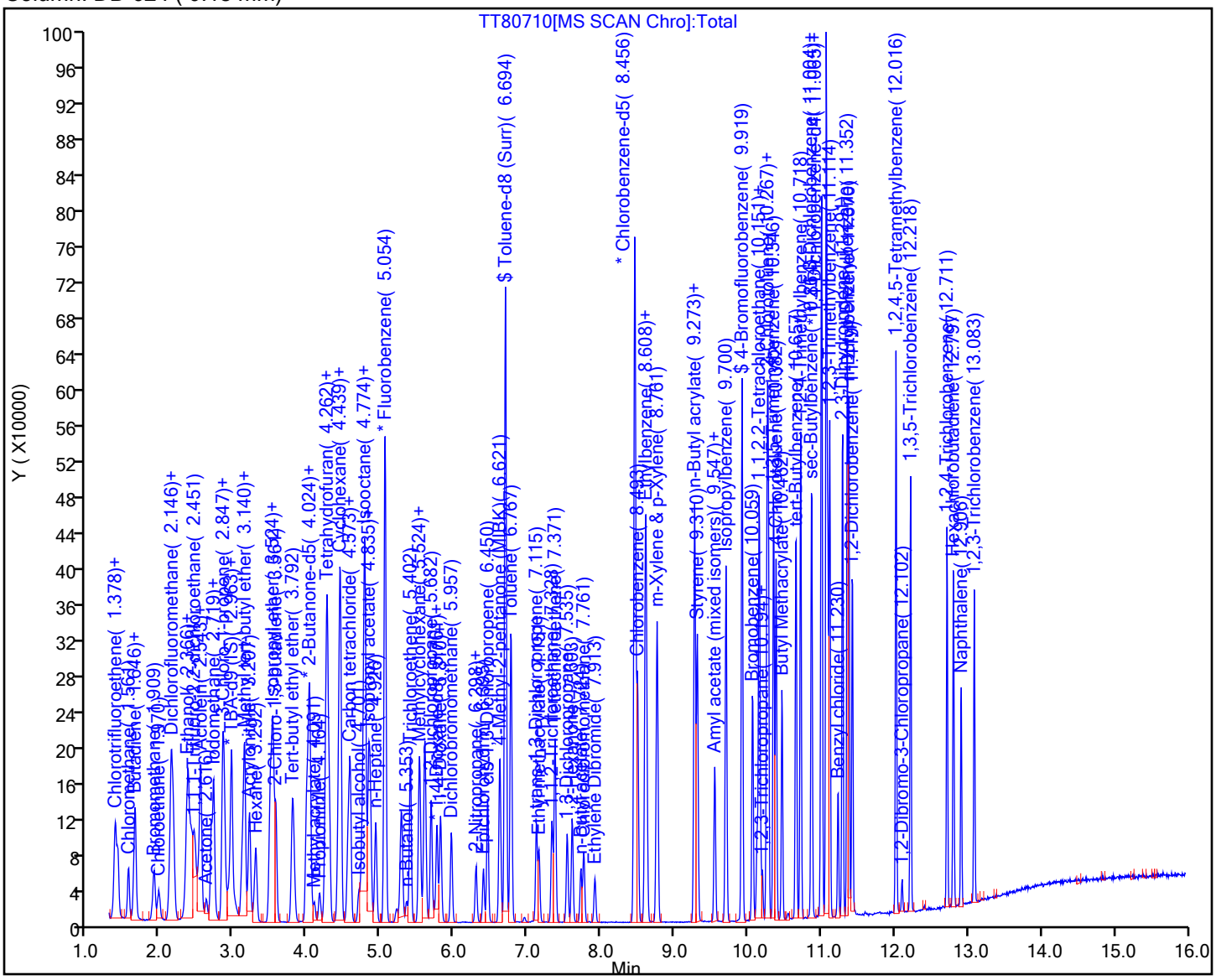
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\TT80710.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 23-May-2024 07:28:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0176271-007
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240523-176271.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-May-2024 09:14:02 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: FK2C Date: 23-May-2024 08:59:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.3	104.55
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.64
$ 83 Toluene-d8 (Surr)	50.0	49.2	98.37
$ 105 4-Bromofluorobenzene	50.0	53.9	107.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-304107-5 MS

Matrix: Water | Lab File ID: T677982.D

Analysis Method: 8260D | Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 14:50

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
107-06-2	1,2-Dichloroethane	21.9		1.0	0.43
78-87-5	1,2-Dichloropropane	18.8		1.0	0.35
591-78-6	2-Hexanone	102		5.0	1.1
67-64-1	Acetone	90.9		5.0	4.4
71-43-2	Benzene	19.8		1.0	0.20
75-27-4	Bromodichloromethane	21.3		1.0	0.34
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	21.1		1.0	0.55
75-15-0	Carbon disulfide	18.6		1.0	0.82
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
75-00-3	Chloroethane	18.0		1.0	0.32
67-66-3	Chloroform	21.9		1.0	0.33
74-87-3	Chloromethane	17.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.22
124-48-1	Dibromochloromethane	20.9		1.0	0.28
100-41-4	Ethylbenzene	19.4		1.0	0.30
78-93-3	Methyl Ethyl Ketone	108		5.0	1.9
108-10-1	methyl isobutyl ketone	108		5.0	1.3
75-09-2	Methylene Chloride	19.3		1.0	0.32
100-42-5	Styrene	20.3		1.0	0.42
127-18-4	Tetrachloroethene	27.8		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31
75-01-4	Vinyl chloride	18.8		1.0	0.17
1330-20-7	Xylenes, Total	39.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 MS Lab Sample ID: 460-304107-5 MS

Matrix: Water Lab File ID: T677982.D

Analysis Method: 8260D Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 14:50

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677982.D
Lims ID: 460-304107-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 22-May-2024 14:50:14 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5 MS
Misc. Info.: 460-0176219-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:17:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.622	1.617	0.005	88	98972	20.0	17.2	
7 Vinyl chloride	62	1.706	1.706	0.000	98	98653	20.0	18.8	
9 Bromomethane	94	1.994	1.994	0.000	97	39762	20.0	21.1	
10 Chloroethane	64	2.089	2.089	0.001	99	58515	20.0	18.0	
20 1,1-Dichloroethene	96	2.744	2.744	0.000	97	82350	20.0	19.4	
22 Acetone	43	2.838	2.838	0.000	87	109591	100.0	90.9	
24 Carbon disulfide	76	2.938	2.938	0.000	99	275973	20.0	18.6	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	98	57010	1000.0	1000.0	
30 Methylene Chloride	84	3.221	3.221	0.000	84	99364	20.0	19.3	
34 trans-1,2-Dichloroethene	96	3.426	3.420	0.006	81	95658	20.0	19.3	
37 1,1-Dichloroethane	63	3.866	3.861	0.005	100	155343	20.0	19.3	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	88	352576	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.443	4.448	-0.005	93	108267	20.0	20.1	
45 2-Butanone (MEK)	72	4.464	4.464	0.000	97	52052	100.0	107.9	
52 Chloroform	83	4.763	4.762	0.001	99	172346	20.0	21.9	
54 1,1,1-Trichloroethane	97	4.920	4.920	0.000	92	148944	20.0	21.6	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	96	195036	50.0	52.8	
56 Carbon tetrachloride	117	5.056	5.056	0.000	90	136078	20.0	21.2	
60 Benzene	78	5.324	5.324	0.000	97	359367	20.0	19.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	90	193362	50.0	52.8	
61 1,2-Dichloroethane	62	5.429	5.428	0.001	91	118332	20.0	21.9	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	646914	50.0	50.0	
67 Trichloroethene	95	6.073	6.068	0.005	98	98363	20.0	19.5	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	89	90901	20.0	18.8	
* 73 1,4-Dioxane-d8	96	6.472	6.477	-0.005	1	47503	1000.0	1000.0	
77 Dichlorobromomethane	83	6.745	6.744	0.001	99	133299	20.0	21.3	
81 cis-1,3-Dichloropropene	75	7.342	7.342	0.000	90	157917	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.547	0.000	96	361027	100.0	108.1	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	661582	50.0	50.7	
84 Toluene	91	7.725	7.725	0.000	93	395212	20.0	19.9	
85 trans-1,3-Dichloropropene	75	8.150	8.155	-0.005	93	138694	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	8.412	8.406	0.006	95	77739	20.0	21.0	
88 Tetrachloroethene	166	8.449	8.448	0.001	98	149555	20.0	27.8	
90 2-Hexanone	43	8.753	8.753	0.001	95	248993	100.0	101.6	
91 Chlorodibromomethane	129	8.931	8.931	0.000	96	110688	20.0	20.9	
* 94 Chlorobenzene-d5	117	9.780	9.780	0.000	83	521296	50.0	50.0	
95 Chlorobenzene	112	9.828	9.822	0.006	96	260841	20.0	20.0	
97 Ethylbenzene	106	9.964	9.964	0.000	98	134100	20.0	19.4	
98 m-Xylene & p-Xylene	106	10.163	10.158	0.005	91	164331	20.0	19.7	
99 o-Xylene	106	10.798	10.797	0.001	94	159336	20.0	20.0	
100 Styrene	104	10.850	10.850	0.000	96	263249	20.0	20.3	
102 Bromoform	173	11.165	11.164	0.001	94	70503	20.0	18.9	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	94	217786	50.0	48.7	
107 1,1,2,2-Tetrachloroethane	83	11.925	11.925	0.000	97	111423	20.0	20.3	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	269609	50.0	50.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	39.7	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00584	Amount Added:	20.00	Units: uL	
524FREONS_00019	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00074	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-May-2024 18:17:56 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677982.D

Injection Date: 22-May-2024 14:50:14 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-5 MS

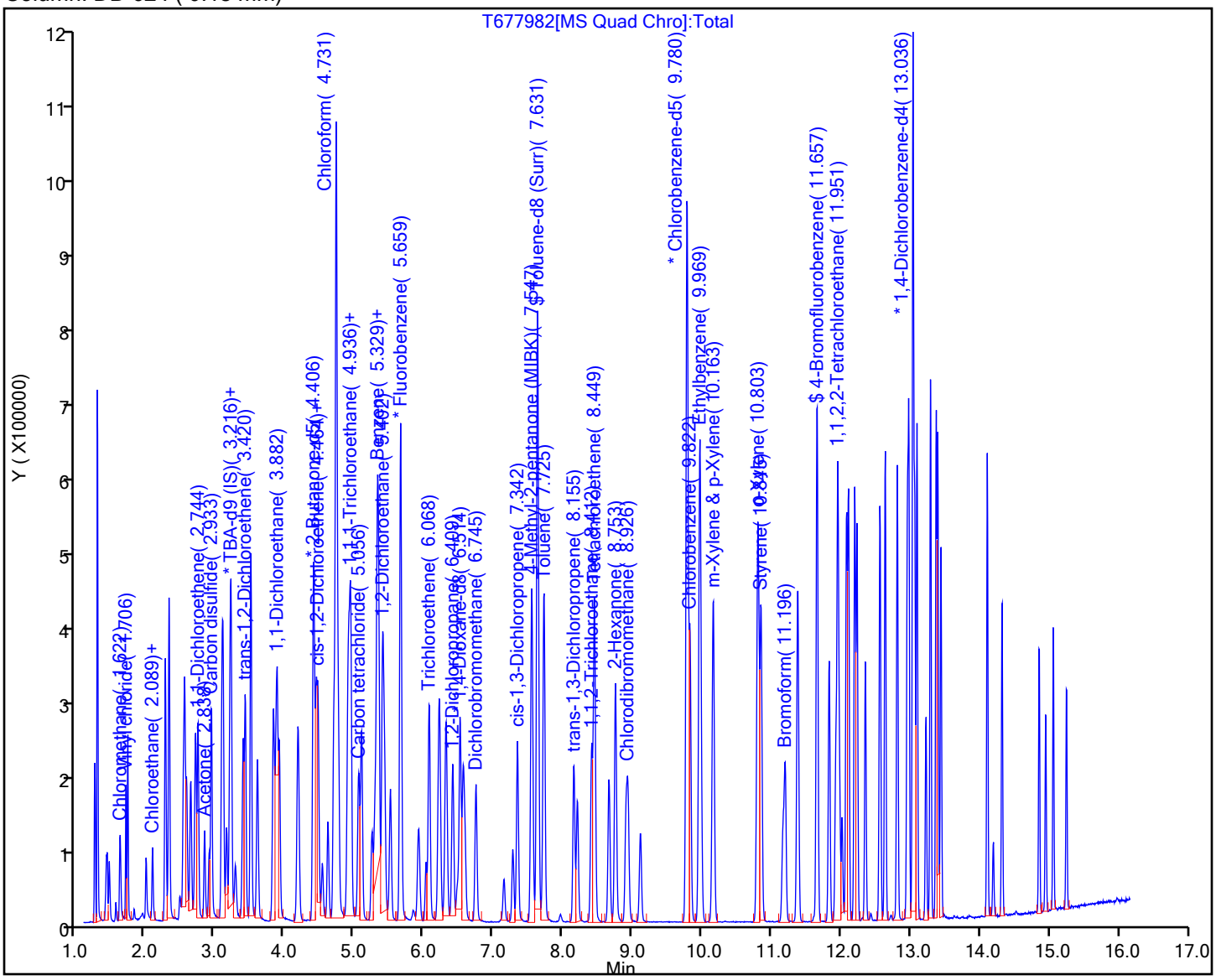
Client ID: A-02

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

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677982.D
Lims ID: 460-304107-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 22-May-2024 14:50:14 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5 MS
Misc. Info.: 460-0176219-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:17:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.8	105.67
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.68
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.47
$ 105 4-Bromofluorobenzene	50.0	48.7	97.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-304107-5 MSD

Matrix: Water | Lab File ID: T677983.D

Analysis Method: 8260D | Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2024 15:12

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.2		1.0	0.20
75-34-3	1,1-Dichloroethane	22.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.0		1.0	0.26
107-06-2	1,2-Dichloroethane	23.5		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
591-78-6	2-Hexanone	103		5.0	1.1
67-64-1	Acetone	89.0		5.0	4.4
71-43-2	Benzene	21.4		1.0	0.20
75-27-4	Bromodichloromethane	22.5		1.0	0.34
75-25-2	Bromoform	18.7		1.0	0.54
74-83-9	Bromomethane	23.1		1.0	0.55
75-15-0	Carbon disulfide	20.0		1.0	0.82
56-23-5	Carbon tetrachloride	21.7		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
75-00-3	Chloroethane	17.1		1.0	0.32
67-66-3	Chloroform	23.8		1.0	0.33
74-87-3	Chloromethane	18.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.2		1.0	0.22
124-48-1	Dibromochloromethane	21.5		1.0	0.28
100-41-4	Ethylbenzene	20.4		1.0	0.30
78-93-3	Methyl Ethyl Ketone	102		5.0	1.9
108-10-1	methyl isobutyl ketone	108		5.0	1.3
75-09-2	Methylene Chloride	20.3		1.0	0.32
100-42-5	Styrene	21.3		1.0	0.42
127-18-4	Tetrachloroethene	28.1		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.3		1.0	0.22
79-01-6	Trichloroethene	21.3		1.0	0.31
75-01-4	Vinyl chloride	20.3		1.0	0.17
1330-20-7	Xylenes, Total	41.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Client Sample ID: A-02 MSD Lab Sample ID: 460-304107-5 MSD

Matrix: Water Lab File ID: T677983.D

Analysis Method: 8260D Date Collected: 05/15/2024 10:45

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2024 15:12

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 976170 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677983.D
Lims ID: 460-304107-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 22-May-2024 15:12:57 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5 MSD
Misc. Info.: 460-0176219-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:18:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.622	1.617	0.005	100	88730	20.0	18.4	
7 Vinyl chloride	62	1.706	1.706	0.000	99	89721	20.0	20.3	
9 Bromomethane	94	1.994	1.994	0.000	99	36493	20.0	23.1	
10 Chloroethane	64	2.089	2.089	0.001	97	52383	20.0	17.1	
20 1,1-Dichloroethene	96	2.744	2.744	0.000	90	71191	20.0	20.0	
22 Acetone	43	2.838	2.838	0.000	86	101558	100.0	89.0	
24 Carbon disulfide	76	2.938	2.938	0.000	99	249157	20.0	20.0	
* 31 TBA-d9 (IS)	66	3.205	3.205	0.000	98	49935	1000.0	1000.0	
30 Methylene Chloride	84	3.221	3.221	0.000	86	87655	20.0	20.3	
34 trans-1,2-Dichloroethene	96	3.426	3.420	0.006	95	84218	20.0	20.3	
37 1,1-Dichloroethane	63	3.866	3.861	0.005	94	148023	20.0	22.0	
* 42 2-Butanone-d5	46	4.401	4.401	0.000	87	333823	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.443	4.448	-0.005	93	92290	20.0	20.4	
45 2-Butanone (MEK)	72	4.464	4.464	0.000	97	46564	100.0	101.9	
52 Chloroform	83	4.763	4.762	0.001	93	156752	20.0	23.8	
54 1,1,1-Trichloroethane	97	4.920	4.920	0.000	97	132377	20.0	22.9	
$ 53 Dibromofluoromethane (Surr)	113	4.941	4.941	0.000	94	164253	50.0	53.0	
56 Carbon tetrachloride	117	5.056	5.056	0.000	90	117073	20.0	21.7	
60 Benzene	78	5.324	5.324	0.000	97	324531	20.0	21.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.345	5.344	0.001	90	170967	50.0	55.7	
61 1,2-Dichloroethane	62	5.428	5.428	0.000	90	106823	20.0	23.5	
* 65 Fluorobenzene	96	5.659	5.659	0.000	99	542707	50.0	50.0	
67 Trichloroethene	95	6.068	6.068	0.000	98	89942	20.0	21.3	
71 1,2-Dichloropropane	63	6.409	6.409	0.000	92	84811	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.472	6.477	-0.005	1	41448	1000.0	1000.0	
77 Dichlorobromomethane	83	6.745	6.744	0.000	95	118201	20.0	22.5	
81 cis-1,3-Dichloropropene	75	7.342	7.342	0.000	87	143693	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.547	7.547	0.000	96	342583	100.0	108.4	
$ 83 Toluene-d8 (Surr)	98	7.631	7.630	0.001	99	559555	50.0	51.2	
84 Toluene	91	7.725	7.725	0.000	93	348527	20.0	21.0	
85 trans-1,3-Dichloropropene	75	8.155	8.155	0.000	93	127796	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	8.407	8.406	0.001	93	68835	20.0	22.2	
88 Tetrachloroethene	166	8.449	8.448	0.001	95	126852	20.0	28.1	
90 2-Hexanone	43	8.753	8.753	0.001	97	238654	100.0	102.8	
91 Chlorodibromomethane	129	8.931	8.931	0.000	96	95001	20.0	21.5	
* 94 Chlorobenzene-d5	117	9.786	9.780	0.006	84	436529	50.0	50.0	
95 Chlorobenzene	112	9.827	9.822	0.005	95	227348	20.0	20.8	
97 Ethylbenzene	106	9.964	9.964	0.000	98	118213	20.0	20.4	
98 m-Xylene & p-Xylene	106	10.158	10.158	0.000	97	143418	20.0	20.5	
99 o-Xylene	106	10.797	10.797	0.000	94	138791	20.0	20.8	
100 Styrene	104	10.850	10.850	0.000	95	230664	20.0	21.3	
102 Bromoform	173	11.164	11.164	0.000	94	58458	20.0	18.7	
$ 105 4-Bromofluorobenzene	174	11.657	11.657	0.000	92	174871	50.0	46.7	
107 1,1,2,2-Tetrachloroethane	83	11.925	11.925	0.000	94	101869	20.0	22.2	
* 120 1,4-Dichlorobenzene-d4	152	13.036	13.036	0.000	95	225463	50.0	50.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	41.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00187	Amount Added: 20.00	Units: uL	
GASES Li_00584	Amount Added: 20.00	Units: uL	
524FREONS_00019	Amount Added: 20.00	Units: uL	
ACROLEIN W_00169	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00074	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-May-2024 18:18:14 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677983.D

Injection Date: 22-May-2024 15:12:57 Instrument ID: CVOAMS15

Lims ID: 460-304107-A-5 MSD

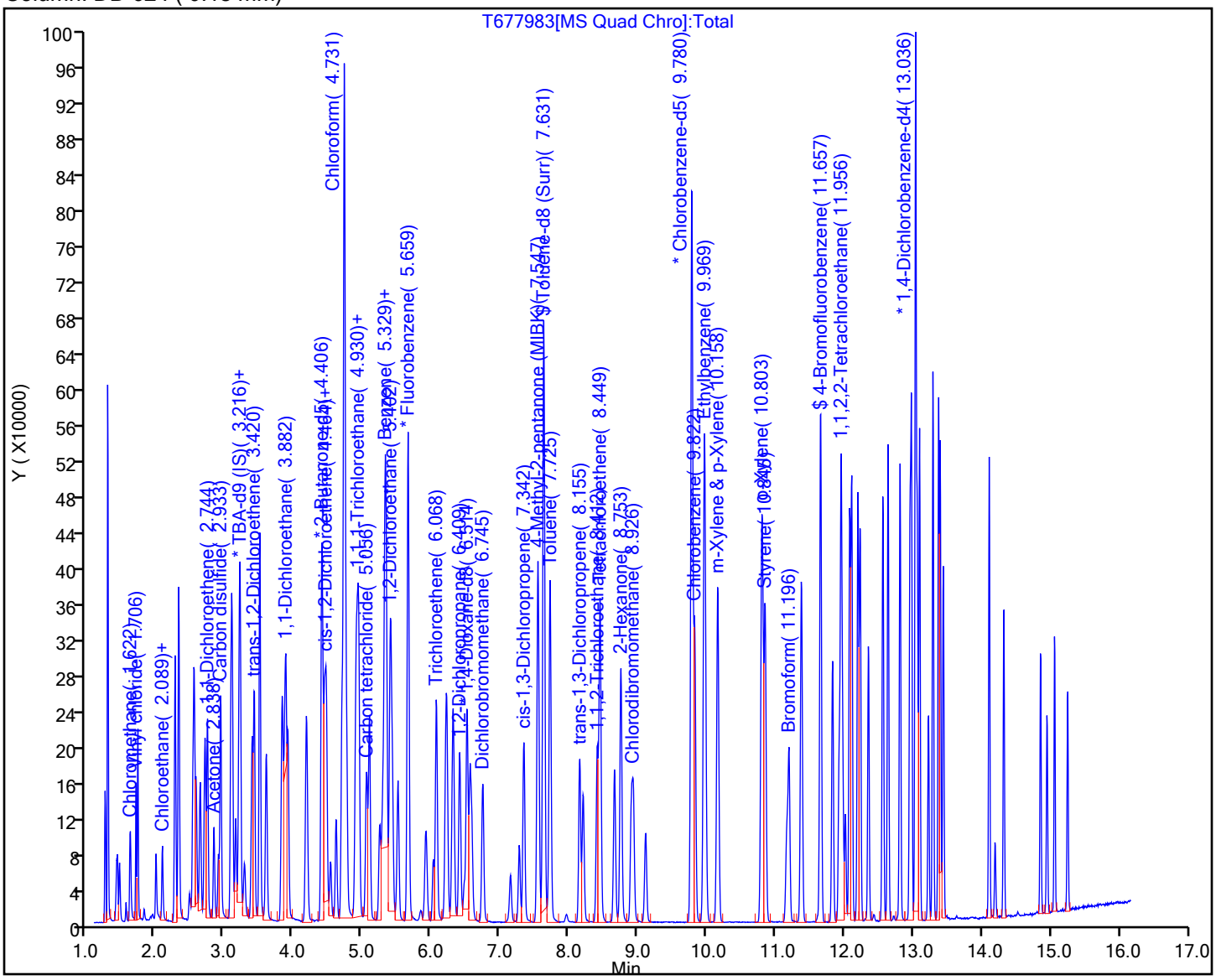
Client ID: A-02

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

Purge Vol: 5.000 mL Dil. Factor: 1.0000

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

Column: DB-624 (0.18 mm)



5/24/2024
11:47:36 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\T677983.D
Lims ID: 460-304107-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 22-May-2024 15:12:57 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-304107-A-5 MSD
Misc. Info.: 460-0176219-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240522-176219.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-May-2024 16:09:03 Calib Date: 21-Apr-2024 15:59:15
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240421-174952.b\T676840.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: XE5L Date: 22-May-2024 18:18:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.0	106.08
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.7	111.38
$ 83 Toluene-d8 (Surr)	50.0	51.2	102.49
$ 105 4-Bromofluorobenzene	50.0	46.7	93.37

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 04/21/2024 08:40

Analysis Batch Number: 970718 End Date: 04/21/2024 17:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-970718/1		04/21/2024 08:40	1	T676822.D	DB-624 0.18(mm)
STD8 460-970718/3 IC		04/21/2024 09:57	1	T676824.D	DB-624 0.18(mm)
STD5 460-970718/6 IC		04/21/2024 11:05	1	T676827.D	DB-624 0.18(mm)
STD20 460-970718/7 ICIS		04/21/2024 11:27	1	T676828.D	DB-624 0.18(mm)
STD50 460-970718/8 IC		04/21/2024 11:50	1	T676829.D	DB-624 0.18(mm)
STD200 460-970718/9 IC		04/21/2024 12:13	1	T676830.D	DB-624 0.18(mm)
STD500 460-970718/10 IC		04/21/2024 12:35	1	T676831.D	DB-624 0.18(mm)
STD1 460-970718/23 IC		04/21/2024 15:36	1	T676839.D	DB-624 0.18(mm)
STD05 460-970718/18 IC		04/21/2024 15:59	1	T676840.D	DB-624 0.18(mm)
ICV 460-970718/21		04/21/2024 17:07	1	T676843.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 05/22/2024 07:31

Analysis Batch Number: 976170 End Date: 05/22/2024 19:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-976170/2		05/22/2024 07:31	1	T677963.D	DB-624 0.18(mm)
LCS 460-976170/3		05/22/2024 07:53	1	T677964.D	DB-624 0.18(mm)
LCSD 460-976170/4		05/22/2024 08:16	1	T677965.D	DB-624 0.18(mm)
MB 460-976170/7		05/22/2024 09:24	1	T677968.D	DB-624 0.18(mm)
ZZZZZ		05/22/2024 09:47	1		DB-624 0.18(mm)
ZZZZZ		05/22/2024 10:09	1		DB-624 0.18(mm)
ZZZZZ		05/22/2024 10:32	1		DB-624 0.18(mm)
460-304107-7	A-066	05/22/2024 10:55	1	T677972.D	DB-624 0.18(mm)
ZZZZZ		05/22/2024 11:22	1		DB-624 0.18(mm)
ZZZZZ		05/22/2024 11:45	2		DB-624 0.18(mm)
ZZZZZ		05/22/2024 12:53	10		DB-624 0.18(mm)
ZZZZZ		05/22/2024 13:19	10		DB-624 0.18(mm)
ZZZZZ		05/22/2024 13:41	10		DB-624 0.18(mm)
ZZZZZ		05/22/2024 14:04	1		DB-624 0.18(mm)
ZZZZZ		05/22/2024 14:27	1		DB-624 0.18(mm)
460-304107-5 MS	A-02 MS	05/22/2024 14:50	1	T677982.D	DB-624 0.18(mm)
460-304107-5 MSD	A-02 MSD	05/22/2024 15:12	1	T677983.D	DB-624 0.18(mm)
460-304107-5	A-02	05/22/2024 15:58	1	T677985.D	DB-624 0.18(mm)
460-304107-3	ME-13	05/22/2024 16:21	1	T677986.D	DB-624 0.18(mm)
460-304107-4	ME-113	05/22/2024 16:43	1	T677987.D	DB-624 0.18(mm)
460-304107-6	A-06	05/22/2024 17:06	1	T677988.D	DB-624 0.18(mm)
460-304107-8	A-07	05/22/2024 17:29	1	T677989.D	DB-624 0.18(mm)
460-304107-10	A-05	05/22/2024 18:14	1	T677991.D	DB-624 0.18(mm)
460-304107-11	A-09	05/22/2024 18:37	1	T677992.D	DB-624 0.18(mm)
460-304107-12	A-10	05/22/2024 19:00	1	T677993.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 05/09/2024 07:47

Analysis Batch Number: 973787 End Date: 05/09/2024 20:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-973787/1		05/09/2024 07:47	1	TT80097.D	DB-624 0.18(mm)
STD8 460-973787/3 IC		05/09/2024 08:29	1	TT80099.D	DB-624 0.18(mm)
STD05 460-973787/4 IC		05/09/2024 08:49	1	TT80100.D	DB-624 0.18(mm)
STD1 460-973787/5 IC		05/09/2024 09:08	1	TT80101.D	DB-624 0.18(mm)
STD5 460-973787/6 IC		05/09/2024 09:28	1	TT80102.D	DB-624 0.18(mm)
STD20 460-973787/7 ICIS		05/09/2024 09:47	1	TT80103.D	DB-624 0.18(mm)
STD50 460-973787/8 IC		05/09/2024 10:07	1	TT80104.D	DB-624 0.18(mm)
STD200 460-973787/9 IC		05/09/2024 10:26	1	TT80105.D	DB-624 0.18(mm)
STD500 460-973787/10 IC		05/09/2024 10:46	1	TT80106.D	DB-624 0.18(mm)
ICV 460-973787/16		05/09/2024 13:03	1	TT80112.D	DB-624 0.18(mm)
ZZZZZ		05/09/2024 13:24	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 13:43	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 14:25	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 14:44	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 15:04	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 15:23	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 16:03	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 16:22	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:01	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:21	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:41	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:00	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:39	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:17	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:36	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:56	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 05/23/2024 06:49

Analysis Batch Number: 976394 End Date: 05/23/2024 16:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-976394/5		05/23/2024 06:49	1	TT80708.D	DB-624 0.18(mm)
LCS 460-976394/6		05/23/2024 07:09	1	TT80709.D	DB-624 0.18(mm)
LCSD 460-976394/7		05/23/2024 07:28	1	TT80710.D	DB-624 0.18(mm)
MB 460-976394/10		05/23/2024 08:27	1	TT80713.D	DB-624 0.18(mm)
460-304107-13	FB0515	05/23/2024 08:47	1	TT80714.D	DB-624 0.18(mm)
460-304107-14	Trip Blank	05/23/2024 09:07	1	TT80715.D	DB-624 0.18(mm)
460-304107-1	A-15	05/23/2024 09:26	1	TT80716.D	DB-624 0.18(mm)
460-304107-2	ME-8	05/23/2024 09:47	1	TT80717.D	DB-624 0.18(mm)
460-304107-9	A-08	05/23/2024 10:06	2	TT80718.D	DB-624 0.18(mm)
ZZZZZ		05/23/2024 10:26	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 10:45	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 11:05	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 11:24	25		DB-624 0.18(mm)
ZZZZZ		05/23/2024 11:44	10		DB-624 0.18(mm)
ZZZZZ		05/23/2024 12:03	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 12:23	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 12:42	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 13:02	50		DB-624 0.18(mm)
ZZZZZ		05/23/2024 14:11	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 14:30	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 14:50	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 15:09	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 15:29	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 15:48	1		DB-624 0.18(mm)
ZZZZZ		05/23/2024 16:08	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 970718 Batch Start Date: 04/21/24 08:40 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00168	524FREONS 00017	7 Freons Hi 00013	7 Freons SS 00013
BFB 460-970718/1		8260D			5 mL	5 mL				
STD8 460-970718/3 IC		8260D			5 mL	5 mL				
STD5 460-970718/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-970718/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-970718/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-970718/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-970718/10 IC		8260D			5 mL	5 mL			50 uL	
STD05 460-970718/18 IC		8260D			5 mL	5 mL	15 uL	5 uL		
ICV 460-970718/21		8260D			5 mL	5 mL				20 uL
STD1 460-970718/23 IC		8260D			5 mL	5 mL	30 uL	10 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00185	ACROLEIN SP 00164	ACROLEIN W 00167	ACRY/EPIH MIX 00124	BFB 00035
BFB 460-970718/1		8260D								1 uL
STD8 460-970718/3 IC		8260D							20 uL	
STD5 460-970718/6 IC		8260D				10 uL		4 uL		
STD20 460-970718/7 ICIS		8260D				20 uL		4 uL		
STD50 460-970718/8 IC		8260D				50 uL		10 uL		
STD200 460-970718/9 IC		8260D						20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 970718 Batch Start Date: 04/21/24 08:40 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00185	ACROLEIN SP 00164	ACROLEIN W 00167	ACRY/EPIH MIX 00124	BFB 00035
STD500 460-970718/10 IC		8260D						40 uL		
STD05 460-970718/18 IC		8260D				5 uL		2 uL		
ICV 460-970718/21		8260D			20 uL		4 uL			
STD1 460-970718/23 IC		8260D				10 uL		4 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00088	GAS C SP 00564	GAS Hi 00468	GASES Li 00580	MIX 2 Hi 00148	MIX I Hi 00175
BFB 460-970718/1		8260D								
STD8 460-970718/3 IC		8260D						2.5 uL		
STD5 460-970718/6 IC		8260D						10 uL		
STD20 460-970718/7 ICIS		8260D						20 uL		
STD50 460-970718/8 IC		8260D						50 uL		
STD200 460-970718/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-970718/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
STD05 460-970718/18 IC		8260D						5 uL		
ICV 460-970718/21		8260D				20 uL				
STD1 460-970718/23 IC		8260D						10 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VMTBA500 00048	VOA6IS/SURR 00072				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 970718 Batch Start Date: 04/21/24 08:40 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VMTBA500 00048	VOA6IS/SURR 00072				
BFB 460-970718/1		8260D								
STD8 460-970718/3 IC		8260D			2 uL	5 uL				
STD5 460-970718/6 IC		8260D				5 uL				
STD20 460-970718/7 ICIS		8260D				5 uL				
STD50 460-970718/8 IC		8260D				5 uL				
STD200 460-970718/9 IC		8260D				5 uL				
STD500 460-970718/10 IC		8260D				5 uL				
STD05 460-970718/18 IC		8260D				5 uL				
ICV 460-970718/21		8260D				5 uL				
STD1 460-970718/23 IC		8260D				5 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00168	524FREONS 00018	7 Freons Hi 00002	7 Freons SS 00013
BFB 460-973787/1		8260D			5 mL	5 mL				
STD8 460-973787/3 IC		8260D			5 mL	5 mL				
STD05 460-973787/4 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD1 460-973787/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-973787/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-973787/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-973787/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-973787/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-973787/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-973787/16		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00187	ACROLEIN SP 00164	ACROLEIN W 00169	ACRY/EPIH MIX 00124	BFB 00035
BFB 460-973787/1		8260D								1 uL
STD8 460-973787/3 IC		8260D							20 uL	
STD05 460-973787/4 IC		8260D				5 uL		2 uL		
STD1 460-973787/5 IC		8260D				10 uL		4 uL		
STD5 460-973787/6 IC		8260D				10 uL		4 uL		
STD20 460-973787/7 ICIS		8260D				20 uL		4 uL		
STD50 460-973787/8 IC		8260D				50 uL		10 uL		
STD200 460-973787/9 IC		8260D						20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00187	ACROLEIN SP 00164	ACROLEIN W 00169	ACRY/EPIH MIX 00124	BFB 00035
STD500 460-973787/10 IC		8260D						40 uL		
ICV 460-973787/16		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00089	GAS C SP 00566	GAS Hi 00469	GASES Li 00582	MIX 2 Hi 00149	MIX I Hi 00176
BFB 460-973787/1		8260D								
STD8 460-973787/3 IC		8260D						2.5 uL		
STD05 460-973787/4 IC		8260D						5 uL		
STD1 460-973787/5 IC		8260D						10 uL		
STD5 460-973787/6 IC		8260D						10 uL		
STD20 460-973787/7 ICIS		8260D						20 uL		
STD50 460-973787/8 IC		8260D						50 uL		
STD200 460-973787/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-973787/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-973787/16		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00072					
BFB 460-973787/1		8260D								
STD8 460-973787/3 IC		8260D			5 uL					
STD05 460-973787/4 IC		8260D			5 uL					
STD1 460-973787/5 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00072					
STD5 460-973787/6 IC		8260D			5 uL					
STD20 460-973787/7 ICIS		8260D			5 uL					
STD50 460-973787/8 IC		8260D			5 uL					
STD200 460-973787/9 IC		8260D			5 uL					
STD500 460-973787/10 IC		8260D			5 uL					
ICV 460-973787/16		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 976170 Batch Start Date: 05/22/24 07:31 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00019	8260MIX1COMB 00187	ACROLEIN W 00169
CCVIS 460-976170/2		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-976170/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-976170/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-976170/7		8260D			5 mL	5 mL				
460-304107-A-7	A-066	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-5 MS	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-304107-A-5 MSD	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-304107-A-5	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-3	ME-13	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-4	ME-113	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-6	A-06	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-8	A-07	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-10	A-05	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-11	A-09	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-12	A-10	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00584	VOA6IS/SURR 00074				
CCVIS 460-976170/2		8260D			20 uL	5 uL				
LCS 460-976170/3		8260D			20 uL	5 uL				
LCSD 460-976170/4		8260D			20 uL	5 uL				
MB 460-976170/7		8260D				5 uL				
460-304107-A-7	A-066	8260D	Water	T		5 uL				
460-304107-A-5 MS	A-02	8260D	Water	T	20 uL	5 uL				
460-304107-A-5 MSD	A-02	8260D	Water	T	20 uL	5 uL				
460-304107-A-5	A-02	8260D	Water	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 976170 Batch Start Date: 05/22/24 07:31 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00584	VOA6IS/SURR 00074				
460-304107-A-3	ME-13	8260D	Water	T		5 uL				
460-304107-A-4	ME-113	8260D	Water	T		5 uL				
460-304107-A-6	A-06	8260D	Water	T		5 uL				
460-304107-A-8	A-07	8260D	Water	T		5 uL				
460-304107-A-10	A-05	8260D	Water	T		5 uL				
460-304107-A-11	A-09	8260D	Water	T		5 uL				
460-304107-A-12	A-10	8260D	Water	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 976394 Batch Start Date: 05/23/24 06:49 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00019	8260MIX1COMB 00187	ACROLEIN W 00169
CCVIS 460-976394/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-976394/6		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-976394/7		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-976394/10		8260D			5 mL	5 mL				
460-304107-A-13	FB0515	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-14	Trip Blank	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-1	A-15	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-A-2	ME-8	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-304107-B-9	A-08	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00584	VOA6IS/SURR 00074				
CCVIS 460-976394/5		8260D			20 uL	5 uL				
LCS 460-976394/6		8260D			20 uL	5 uL				
LCSD 460-976394/7		8260D			20 uL	5 uL				
MB 460-976394/10		8260D				5 uL				
460-304107-A-13	FB0515	8260D	Water	T		5 uL				
460-304107-A-14	Trip Blank	8260D	Water	T		5 uL				
460-304107-A-1	A-15	8260D	Water	T		5 uL				
460-304107-A-2	ME-8	8260D	Water	T		5 uL				
460-304107-B-9	A-08	8260D	Water	T		5 uL				

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-304107-1

SDG No.:

Batch Number: 976394 Batch Start Date: 05/23/24 06:49 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 610339

eurofins | Environment Testing America

TAL-8210

Address. _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Site Contact: Jake Stumm | Date:

Lab Contact: Cory Ferns | Carrier:

COC No: 1 of 2 COCs

Sampler

For Lab Use Only: Walk-in Client ____ Lab Sampling ____

Job / SDG No: 304107

Client Contact

Company Name: FPM Group

Address: 640 Johnson Ave, Suite 101

City/State/Zip: Bohemia, NY 11716

Phone: 631-737-6200

Fax

Project Name: Metro Regency Centers

Site

P O #

Project Manager: Ben Cancemi

Tel/Email: b.cancemi@fpm-group.com

Analysis Turnaround Time

☐ CALENDAR DAYS ☐ WORKING DAYS

TAT if different from Below _____

☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOCs	Sample Specific Notes
A-15	5/15/24	8:50	C	GW	3	N	N	X	1
ME-8		9:15							2
ME-13		9:45							3
MW-113		10:10							4
A-02		10:45			9		Y		* MS/MSD * 5
A-06		11:10					N		6
A-066		11:12							7
A-07		11:55							8
A-08		12:10							9
A-05		12:40							10
A-09		13:00							11
A-10									12

460-304107 Chain of Custody

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5/24/2024 11:47:36 AM

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

Possible Hazard Identification:

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

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

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

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

Special Instructions/QC Requirements & Comments:

* MS/MSD on A-02 *

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

Relinquished by	Company FPM	Date/Time 5/16/24	Received by	Company FedEx	Date/Time 5/16/24 1300
Relinquished by	Company OSI/NY	Date/Time 1955	Received by	Company EET6	Date/Time 5/16/24 1955
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

Chain of Custody Record

674605

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Ben Cansemi	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b.cansemi@fpm-group	Lab Contact: Carin Ferris	Carrier:	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Metro Regency Centers GW	☐ 1 week			Job / SDG No.: 304107
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
P O #:	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOCs	Sample Specific Notes:
FB0515	5/15/24	13:30	C	AQ	2	N	N	X	13
Trip Blank		13:35		AQ	1				14

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

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

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

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

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

Special Instructions/QC Requirements & Comments:

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

	Company	Date/Time		Company	Date/Time
Relinquished by:	FPM Group	5/16/24	Received by:		
Relinquished by:		05/16/24 19:55	Received by:	EETG	5/16/24 1955
Relinquished by	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5/21/2024 11:47:36 AM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 304107

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

Initials: _____ Date: 5/7/24

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-304107-1

Login Number: 304107
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 10/18/2024 12:59 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-312971-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

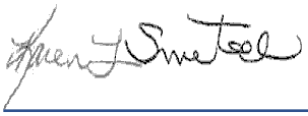
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Compliance Statement

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

Authorization



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Authorized for release by
Karen L Smetanka, Project Manager I
karen.Smetanka@et.eurofinsus.com

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-312971-1

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

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

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

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

RECEIPT
The samples were received on 10/4/2024 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No site name or state recorded on the1st page of the COC.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): sample #14 (A-09). Test put on hold. Sample activated 10/16/24 per client.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-312971-1), ME-8 (460-312971-2), ME-13 (460-312971-3), MW-113 (460-312971-4), A-02 (460-312971-5), A-06 (460-312971-6), A-066 (460-312971-7), A-08 (460-312971-8), A-07 (460-312971-9), A-05 (460-312971-10), A-10 (460-312971-11), FB1003 (460-312971-12), Trip Blank (460-312971-13) and A-09 (460-312971-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/09/2024 and 10/17/2024.

trans-1,2-Dichloroethene failed the recovery criteria high for LCSD 460-1001940/6. Refer to the QC report for details.

Sample A-08 (460-312971-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-1000443 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1000575 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-312971-1	A-15	Water	10/03/24 08:10	10/04/24 19:00
460-312971-2	ME-8	Water	10/03/24 08:50	10/04/24 19:00
460-312971-3	ME-13	Water	10/03/24 09:25	10/04/24 19:00
460-312971-4	MW-113	Water	10/03/24 10:10	10/04/24 19:00
460-312971-5	A-02	Water	10/03/24 10:45	10/04/24 19:00
460-312971-6	A-06	Water	10/03/24 11:10	10/04/24 19:00
460-312971-7	A-066	Water	10/03/24 11:12	10/04/24 19:00
460-312971-8	A-08	Water	10/03/24 11:35	10/04/24 19:00
460-312971-9	A-07	Water	10/03/24 12:10	10/04/24 19:00
460-312971-10	A-05	Water	10/03/24 12:25	10/04/24 19:00
460-312971-11	A-10	Water	10/03/24 13:15	10/04/24 19:00
460-312971-12	FB1003	Water	10/03/24 14:00	10/04/24 19:00
460-312971-13	Trip Blank	Water	10/03/24 14:30	10/04/24 19:00
460-312971-14	A-09	Water	10/03/24 12:50	10/04/24 19:00

Detection Summary

Client: FPM Group Limited
Project/Site: (Metro) 90-30 Metropolitan Ave

Job ID: 460-312971-1

Client Sample ID: A-15 — Lab Sample ID: 460-312971-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	27		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-312971-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	42		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-312971-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.3		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	57		1.0	0.25	ug/L	1		8260D	Total/NA
Vinyl chloride	7.0		1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 460-312971-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.57	J	1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-312971-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	10		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-312971-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.1		5.0	4.4	ug/L	1		8260D	Total/NA
Chloromethane	1.8		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	250		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.54	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-312971-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.33	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	1.5		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	250		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.56	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-312971-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	510		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	1.1	J	2.0	0.63	ug/L	2		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-312971-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	8.9		1.0	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-05
Lab Sample ID: 460-312971-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	100		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-10
Lab Sample ID: 460-312971-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.91	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	13		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.52	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB1003
Lab Sample ID: 460-312971-12

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 460-312971-13

No Detections.

Client Sample ID: A-09
Lab Sample ID: 460-312971-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.75	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.8		1.0	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: A-15
Lab Sample ID: 460-312971-1

Date Collected: 10/03/24 08:10
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 22:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 22:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 22:54	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 22:54	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 22:54	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 22:54	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 22:54	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 22:54	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 22:54	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 22:54	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 22:54	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 22:54	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 22:54	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 22:54	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 22:54	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 22:54	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 22:54	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 22:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 22:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 22:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:54	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 22:54	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 22:54	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 22:54	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 22:54	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 22:54	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 22:54	1
Tetrachloroethene	**27**		1.0	0.25	ug/L			10/09/24 22:54	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 22:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 22:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:54	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 22:54	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 22:54	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*10/09/24 22:54*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 22:54*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*10/09/24 22:54*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/09/24 22:54*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-312971-2

Date Collected: 10/03/24 08:50
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 15:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 15:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 15:20	1

Client Sample ID: ME-8
Lab Sample ID: 460-312971-2

Date Collected: 10/03/24 08:50
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 15:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 15:20	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 15:20	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 15:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 15:20	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 15:20	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 15:20	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 15:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 15:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 15:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 15:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 15:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 15:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 15:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 15:20	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 15:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 15:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:20	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 15:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 15:20	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 15:20	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 15:20	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 15:20	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 15:20	1
Tetrachloroethene	**42**		1.0	0.25	ug/L			10/09/24 15:20	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 15:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 15:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:20	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 15:20	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 15:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*10/09/24 15:20*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*10/09/24 15:20*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*10/09/24 15:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/09/24 15:20*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-312971-3

Date Collected: 10/03/24 09:25
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 15:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 15:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 15:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 15:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 15:39	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 15:39	1

Client Sample ID: ME-13
Lab Sample ID: 460-312971-3

Date Collected: 10/03/24 09:25
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 15:39	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 15:39	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 15:39	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 15:39	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 15:39	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 15:39	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 15:39	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 15:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 15:39	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 15:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 15:39	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 15:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 15:39	1
cis-1,2-Dichloroethene	**6.3**		1.0	0.22	ug/L			10/09/24 15:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:39	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 15:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 15:39	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 15:39	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 15:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 15:39	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 15:39	1
Tetrachloroethene	**57**		1.0	0.25	ug/L			10/09/24 15:39	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 15:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 15:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 15:39	1
Vinyl chloride	**7.0**		1.0	0.17	ug/L			10/09/24 15:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*10/09/24 15:39*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*10/09/24 15:39*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 15:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 15:39*	*1*

Client Sample ID: MW-113
Lab Sample ID: 460-312971-4

Date Collected: 10/03/24 10:10
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 22:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 22:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 22:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 22:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 22:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 22:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 22:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 22:35	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 22:35	1

Client Sample ID: MW-113
Lab Sample ID: 460-312971-4

Date Collected: 10/03/24 10:10
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 22:35	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 22:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 22:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 22:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 22:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 22:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 22:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 22:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 22:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 22:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 22:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:35	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 22:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 22:35	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 22:35	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 22:35	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 22:35	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 22:35	1
Tetrachloroethene	**0.57**	**J**	1.0	0.25	ug/L			10/09/24 22:35	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 22:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 22:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:35	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 22:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 22:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*10/09/24 22:35*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*10/09/24 22:35*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 22:35*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/09/24 22:35*	*1*

Client Sample ID: A-02
Lab Sample ID: 460-312971-5

Date Collected: 10/03/24 10:45
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 15:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 15:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 15:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 15:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 15:00	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 15:00	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 15:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 15:00	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 15:00	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 15:00	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 15:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 15:00	1

Client Sample ID: A-02
Date Collected: 10/03/24 10:45
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 15:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 15:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 15:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 15:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 15:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 15:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 15:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 15:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:00	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 15:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 15:00	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 15:00	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 15:00	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 15:00	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 15:00	1
Tetrachloroethene	**10**		1.0	0.25	ug/L			10/09/24 15:00	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 15:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 15:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 15:00	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 15:00	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 15:00	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*10/09/24 15:00*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*10/09/24 15:00*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*10/09/24 15:00*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 15:00*	*1*

Client Sample ID: A-06
Date Collected: 10/03/24 11:10
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 16:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 16:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 16:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 16:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 16:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 16:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 16:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 16:18	1
Acetone	**9.1**		5.0	4.4	ug/L			10/09/24 16:18	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 16:18	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 16:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 16:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 16:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 16:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 16:18	1

Client Sample ID: A-06
Date Collected: 10/03/24 11:10
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 16:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 16:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 16:18	1
Chloromethane	**1.8**		1.0	0.40	ug/L			10/09/24 16:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 16:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:18	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 16:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 16:18	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 16:18	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 16:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 16:18	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 16:18	1
Tetrachloroethene	**250**		1.0	0.25	ug/L			10/09/24 16:18	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 16:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 16:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:18	1
Trichloroethene	**0.54**	**J**	1.0	0.31	ug/L			10/09/24 16:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 16:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*10/09/24 16:18*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*10/09/24 16:18*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*10/09/24 16:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 16:18*	*1*

Client Sample ID: A-066
Date Collected: 10/03/24 11:12
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 16:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 16:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 16:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 16:38	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 16:38	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 16:38	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 16:38	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 16:38	1
Acetone	**10**		5.0	4.4	ug/L			10/09/24 16:38	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 16:38	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 16:38	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 16:38	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 16:38	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 16:38	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 16:38	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 16:38	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 16:38	1
Chloroform	**0.33**	**J**	1.0	0.33	ug/L			10/09/24 16:38	1

Client Sample ID: A-066
Date Collected: 10/03/24 11:12
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.5**		1.0	0.40	ug/L			10/09/24 16:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 16:38	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 16:38	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 16:38	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 16:38	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 16:38	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 16:38	1
Tetrachloroethene	**250**		1.0	0.25	ug/L			10/09/24 16:38	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 16:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 16:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
Trichloroethene	**0.56**	**J**	1.0	0.31	ug/L			10/09/24 16:38	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 16:38	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*10/09/24 16:38*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 16:38*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 16:38*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 16:38*	*1*

Client Sample ID: A-08
Date Collected: 10/03/24 11:35
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			10/09/24 17:56	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			10/09/24 17:56	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			10/09/24 17:56	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			10/09/24 17:56	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			10/09/24 17:56	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			10/09/24 17:56	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			10/09/24 17:56	2
2-Hexanone	10	U	10	2.3	ug/L			10/09/24 17:56	2
Acetone	10	U	10	8.8	ug/L			10/09/24 17:56	2
Benzene	2.0	U	2.0	0.41	ug/L			10/09/24 17:56	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			10/09/24 17:56	2
Bromoform	2.0	U	2.0	1.1	ug/L			10/09/24 17:56	2
Bromomethane	2.0	U	2.0	1.1	ug/L			10/09/24 17:56	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			10/09/24 17:56	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			10/09/24 17:56	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			10/09/24 17:56	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/09/24 17:56	2
Chloroform	2.0	U	2.0	0.65	ug/L			10/09/24 17:56	2
Chloromethane	2.0	U	2.0	0.80	ug/L			10/09/24 17:56	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			10/09/24 17:56	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			10/09/24 17:56	2

Client Sample ID: A-08
Lab Sample ID: 460-312971-8

Date Collected: 10/03/24 11:35
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			10/09/24 17:56	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			10/09/24 17:56	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			10/09/24 17:56	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			10/09/24 17:56	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			10/09/24 17:56	2
Styrene	2.0	U	2.0	0.83	ug/L			10/09/24 17:56	2
Tetrachloroethene	**510**		2.0	0.50	ug/L			10/09/24 17:56	2
Toluene	2.0	U	2.0	0.76	ug/L			10/09/24 17:56	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			10/09/24 17:56	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			10/09/24 17:56	2
Trichloroethene	**1.1**	**J**	2.0	0.63	ug/L			10/09/24 17:56	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			10/09/24 17:56	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/09/24 17:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*10/09/24 17:56*	*2*
4-Bromofluorobenzene	*92*		*76 - 120*		*10/09/24 17:56*	*2*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 17:56*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/09/24 17:56*	*2*

Client Sample ID: A-07
Lab Sample ID: 460-312971-9

Date Collected: 10/03/24 12:10
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 16:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 16:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 16:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 16:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 16:57	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 16:57	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 16:57	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 16:57	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 16:57	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 16:57	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 16:57	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 16:57	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 16:57	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 16:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 16:57	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 16:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 16:57	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 16:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 16:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 16:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:57	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 16:57	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 16:57	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 16:57	1

Client Sample ID: A-07
Lab Sample ID: 460-312971-9

Date Collected: 10/03/24 12:10
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 16:57	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 16:57	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 16:57	1
Tetrachloroethene	**8.9**		1.0	0.25	ug/L			10/09/24 16:57	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 16:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 16:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:57	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 16:57	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 16:57	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*10/09/24 16:57*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 16:57*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*10/09/24 16:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 16:57*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-312971-10

Date Collected: 10/03/24 12:25
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 17:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 17:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 17:17	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 17:17	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 17:17	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 17:17	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 17:17	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 17:17	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 17:17	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 17:17	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 17:17	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 17:17	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 17:17	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 17:17	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 17:17	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 17:17	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 17:17	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 17:17	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 17:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 17:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 17:17	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 17:17	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 17:17	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 17:17	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 17:17	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 17:17	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 17:17	1

Client Sample ID: A-05
Lab Sample ID: 460-312971-10

Date Collected: 10/03/24 12:25
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**100**		1.0	0.25	ug/L			10/09/24 17:17	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 17:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 17:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 17:17	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 17:17	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 17:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*10/09/24 17:17*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*10/09/24 17:17*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*10/09/24 17:17*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/09/24 17:17*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-312971-11

Date Collected: 10/03/24 13:15
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 17:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 17:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 17:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 17:36	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 17:36	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 17:36	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 17:36	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 17:36	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 17:36	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 17:36	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 17:36	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 17:36	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 17:36	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 17:36	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 17:36	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 17:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 17:36	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 17:36	1
Chloromethane	**0.91**	**J**	1.0	0.40	ug/L			10/09/24 17:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 17:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 17:36	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 17:36	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 17:36	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 17:36	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 17:36	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 17:36	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 17:36	1
Tetrachloroethene	**13**		1.0	0.25	ug/L			10/09/24 17:36	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 17:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 17:36	1

Client Sample ID: A-10
Lab Sample ID: 460-312971-11

Date Collected: 10/03/24 13:15
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 17:36	1
Trichloroethene	**0.52**	**J**	1.0	0.31	ug/L			10/09/24 17:36	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 17:36	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*10/09/24 17:36*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*10/09/24 17:36*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*10/09/24 17:36*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 17:36*	*1*

Client Sample ID: FB1003
Lab Sample ID: 460-312971-12

Date Collected: 10/03/24 14:00
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 21:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 21:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 21:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 21:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 21:56	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 21:56	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 21:56	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 21:56	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 21:56	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 21:56	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 21:56	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 21:56	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 21:56	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 21:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 21:56	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 21:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 21:56	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 21:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 21:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 21:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 21:56	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 21:56	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 21:56	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 21:56	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 21:56	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 21:56	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 21:56	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/09/24 21:56	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 21:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 21:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 21:56	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 21:56	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 21:56	1

Client Sample ID: FB1003
Lab Sample ID: 460-312971-12

Date Collected: 10/03/24 14:00
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*10/09/24 21:56*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*10/09/24 21:56*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*10/09/24 21:56*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/09/24 21:56*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-312971-13

Date Collected: 10/03/24 14:30
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 22:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 22:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 22:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 22:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 22:15	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 22:15	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 22:15	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 22:15	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 22:15	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 22:15	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 22:15	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 22:15	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 22:15	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 22:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 22:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 22:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 22:15	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 22:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 22:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 22:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:15	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 22:15	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 22:15	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 22:15	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 22:15	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 22:15	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 22:15	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/09/24 22:15	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 22:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 22:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 22:15	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 22:15	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 22:15	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 22:15	1

Client Sample ID: Trip Blank
Lab Sample ID: 460-312971-13

Date Collected: 10/03/24 14:30
Matrix: Water
Date Received: 10/04/24 19:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 128*		*10/09/24 22:15*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 22:15*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*10/09/24 22:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/09/24 22:15*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-312971-14

Date Collected: 10/03/24 12:50
Matrix: Water
Date Received: 10/04/24 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/17/24 11:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/17/24 11:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/17/24 11:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/17/24 11:44	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/17/24 11:44	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/17/24 11:44	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/17/24 11:44	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/17/24 11:44	1
Acetone	5.0	U	5.0	4.4	ug/L			10/17/24 11:44	1
Benzene	1.0	U	1.0	0.20	ug/L			10/17/24 11:44	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/17/24 11:44	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/17/24 11:44	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/17/24 11:44	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/17/24 11:44	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/17/24 11:44	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/17/24 11:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/17/24 11:44	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/17/24 11:44	1
Chloromethane	**0.75**	**J**	1.0	0.40	ug/L			10/17/24 11:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/17/24 11:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/24 11:44	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/17/24 11:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/17/24 11:44	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/17/24 11:44	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/17/24 11:44	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/17/24 11:44	1
Styrene	1.0	U	1.0	0.42	ug/L			10/17/24 11:44	1
Tetrachloroethene	**7.8**		1.0	0.25	ug/L			10/17/24 11:44	1
Toluene	1.0	U	1.0	0.38	ug/L			10/17/24 11:44	1
trans-1,2-Dichloroethene	1.0	U *	1.0	0.24	ug/L			10/17/24 11:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/24 11:44	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/17/24 11:44	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/17/24 11:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/17/24 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*10/17/24 11:44*	*1*
4-Bromofluorobenzene	*114*		*76 - 120*		*10/17/24 11:44*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*10/17/24 11:44*	*1*
Toluene-d8 (Surr)	*80*		*80 - 120*		*10/17/24 11:44*	*1*

Surrogate Summary

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-312971-1	A-15	117	96	104	96
460-312971-2	ME-8	112	95	100	96
460-312971-3	ME-13	116	95	102	98
460-312971-4	MW-113	117	94	102	97
460-312971-5	A-02	115	95	100	98
460-312971-5 MS	A-02	111	96	100	100
460-312971-5 MSD	A-02	113	97	98	97
460-312971-6	A-06	115	97	100	98
460-312971-7	A-066	116	96	102	98
460-312971-8	A-08	117	92	102	97
460-312971-9	A-07	116	96	99	98
460-312971-10	A-05	114	94	101	97
460-312971-11	A-10	115	93	103	98
460-312971-12	FB1003	116	95	104	99
460-312971-13	Trip Blank	118	96	104	97
460-312971-14	A-09	89	114	109	80
LCS 460-1000443/4	Lab Control Sample	115	99	103	97
LCS 460-1000575/4	Lab Control Sample	112	99	101	100
LCS 460-1001940/3	Lab Control Sample	88	115	106	82
LCSD 460-1000443/6	Lab Control Sample Dup	116	98	101	96
LCSD 460-1000575/5	Lab Control Sample Dup	115	99	104	96
LCSD 460-1001940/6	Lab Control Sample Dup	89	114	104	81
MB 460-1000443/9	Method Blank	119	96	106	98
MB 460-1000575/8	Method Blank	117	97	103	96
MB 460-1001940/9	Method Blank	90	114	107	81

Surrogate Legend

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

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

Lab Sample ID: MB 460-1000443/9
Matrix: Water
Analysis Batch: 1000443

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 08:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 08:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 08:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 08:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 08:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 08:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 08:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 08:49	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 08:49	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 08:49	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 08:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 08:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 08:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 08:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 08:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 08:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 08:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 08:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 08:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 08:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 08:49	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 08:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 08:49	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 08:49	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 08:49	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 08:49	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 08:49	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/09/24 08:49	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 08:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 08:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 08:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 08:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 08:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 08:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*		*10/09/24 08:49*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 08:49*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*10/09/24 08:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 08:49*	*1*

Lab Sample ID: LCS 460-1000443/4
Matrix: Water
Analysis Batch: 1000443

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	20.5		ug/L		103	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	25.6		ug/L		128	63 - 139		

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

Lab Sample ID: LCS 460-1000443/4
Matrix: Water
Analysis Batch: 1000443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	74 - 125
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	18.6		ug/L		93	68 - 133
1,2-Dichloroethane	20.0	23.5		ug/L		117	66 - 129
1,2-Dichloropropane	20.0	18.9		ug/L		94	72 - 128
2-Hexanone	100	98.2		ug/L		98	72 - 134
Acetone	100	96.0		ug/L		96	60 - 133
Benzene	20.0	19.4		ug/L		97	71 - 126
Bromodichloromethane	20.0	20.6		ug/L		103	76 - 121
Bromoform	20.0	21.9		ug/L		109	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	17.7		ug/L		89	35 - 150
Carbon tetrachloride	20.0	19.4		ug/L		97	65 - 131
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120
Chloroethane	20.0	20.3		ug/L		102	54 - 150
Chloroform	20.0	20.1		ug/L		101	78 - 125
Chloromethane	20.0	17.4		ug/L		87	43 - 149
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	74 - 125
Dibromochloromethane	20.0	22.7		ug/L		113	73 - 121
Ethylbenzene	20.0	19.1		ug/L		96	78 - 120
Methyl Ethyl Ketone	100	108		ug/L		108	65 - 142
methyl isobutyl ketone	100	102		ug/L		102	77 - 130
Methylene Chloride	20.0	18.5		ug/L		92	74 - 127
Styrene	20.0	21.8		ug/L		109	82 - 127
Tetrachloroethene	20.0	18.3		ug/L		92	70 - 127
Toluene	20.0	18.9		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	71 - 127
Trichloroethene	20.0	19.2		ug/L		96	73 - 121
Vinyl chloride	20.0	18.2		ug/L		91	55 - 144
Xylenes, Total	40.0	39.0		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-1000443/6
Matrix: Water
Analysis Batch: 1000443

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	24.8		ug/L		124	63 - 139	3	30
1,1,2-Trichloroethane	20.0	22.1		ug/L		110	74 - 125	1	30
1,1-Dichloroethane	20.0	18.9		ug/L		94	73 - 130	1	30

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

Lab Sample ID: LCSD 460-1000443/6
Matrix: Water
Analysis Batch: 1000443

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	19.4		ug/L		97	68 - 133	4	30
1,2-Dichloroethane			20.0	22.2		ug/L		111	66 - 129	6	30
1,2-Dichloropropane			20.0	18.7		ug/L		93	72 - 128	1	30
2-Hexanone			100	97.0		ug/L		97	72 - 134	1	30
Acetone			100	93.5		ug/L		94	60 - 133	3	30
Benzene			20.0	19.4		ug/L		97	71 - 126	0	30
Bromodichloromethane			20.0	21.2		ug/L		106	76 - 121	3	30
Bromoform			20.0	20.8		ug/L		104	58 - 128	5	30
Bromomethane			20.0	19.7		ug/L		98	33 - 150	2	30
Carbon disulfide			20.0	18.2		ug/L		91	35 - 150	3	30
Carbon tetrachloride			20.0	19.5		ug/L		98	65 - 131	1	30
Chlorobenzene			20.0	19.9		ug/L		99	80 - 120	0	30
Chloroethane			20.0	20.3		ug/L		102	54 - 150	0	30
Chloroform			20.0	20.3		ug/L		101	78 - 125	1	30
Chloromethane			20.0	16.9		ug/L		85	43 - 149	3	30
cis-1,2-Dichloroethene			20.0	19.9		ug/L		100	78 - 121	2	30
cis-1,3-Dichloropropene			20.0	19.4		ug/L		97	74 - 125	1	30
Dibromochloromethane			20.0	21.9		ug/L		109	73 - 121	3	30
Ethylbenzene			20.0	19.0		ug/L		95	78 - 120	1	30
Methyl Ethyl Ketone			100	102		ug/L		102	65 - 142	5	30
methyl isobutyl ketone			100	101		ug/L		101	77 - 130	1	30
Methylene Chloride			20.0	18.8		ug/L		94	74 - 127	2	30
Styrene			20.0	21.8		ug/L		109	82 - 127	0	30
Tetrachloroethene			20.0	18.5		ug/L		93	70 - 127	1	30
Toluene			20.0	19.3		ug/L		96	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	18.4		ug/L		92	70 - 126	0	30
trans-1,3-Dichloropropene			20.0	21.1		ug/L		106	71 - 127	0	30
Trichloroethene			20.0	19.5		ug/L		97	73 - 121	2	30
Vinyl chloride			20.0	18.3		ug/L		91	55 - 144	0	30
Xylenes, Total			40.0	38.4		ug/L		96	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 460-312971-5 MS
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.8		ug/L		99	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	26.8		ug/L		134	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	22.7		ug/L		113	74 - 125
1,1-Dichloroethane	1.0	U	20.0	19.2		ug/L		96	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.1		ug/L		96	68 - 133
1,2-Dichloroethane	1.0	U	20.0	22.1		ug/L		111	66 - 129

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

Lab Sample ID: 460-312971-5 MS
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	1.0	U	20.0	19.4		ug/L		97	72 - 128
2-Hexanone	5.0	U	100	101		ug/L		101	72 - 134
Acetone	5.0	U	100	98.5		ug/L		99	60 - 133
Benzene	1.0	U	20.0	20.0		ug/L		100	71 - 126
Bromodichloromethane	1.0	U	20.0	20.0		ug/L		100	76 - 121
Bromoform	1.0	U	20.0	20.3		ug/L		102	58 - 128
Bromomethane	1.0	U	20.0	19.5		ug/L		98	33 - 150
Carbon disulfide	1.0	U	20.0	16.0		ug/L		80	35 - 150
Carbon tetrachloride	1.0	U	20.0	18.5		ug/L		92	65 - 131
Chlorobenzene	1.0	U	20.0	19.9		ug/L		99	80 - 120
Chloroethane	1.0	U	20.0	19.9		ug/L		99	54 - 150
Chloroform	1.0	U	20.0	19.7		ug/L		98	78 - 125
Chloromethane	1.0	U	20.0	17.4		ug/L		87	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		96	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.5		ug/L		97	74 - 125
Dibromochloromethane	1.0	U	20.0	21.4		ug/L		107	73 - 121
Ethylbenzene	1.0	U	20.0	19.2		ug/L		96	78 - 120
Methyl Ethyl Ketone	5.0	U	100	97.5		ug/L		97	65 - 142
methyl isobutyl ketone	5.0	U	100	102		ug/L		102	77 - 130
Methylene Chloride	1.0	U	20.0	18.3		ug/L		91	74 - 127
Styrene	1.0	U	20.0	21.6		ug/L		108	82 - 127
Tetrachloroethene	10		20.0	26.2		ug/L		80	70 - 127
Toluene	1.0	U	20.0	19.5		ug/L		98	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	21.4		ug/L		107	71 - 127
Trichloroethene	1.0	U	20.0	19.0		ug/L		95	73 - 121
Vinyl chloride	1.0	U	20.0	18.4		ug/L		92	55 - 144
Xylenes, Total	2.0	U	40.0	39.5		ug/L		99	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-312971-5 MSD
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.1		ug/L		101	72 - 128	2	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	27.1		ug/L		135	63 - 139	1	30
1,1,2-Trichloroethane	1.0	U	20.0	23.3		ug/L		116	74 - 125	3	30
1,1-Dichloroethane	1.0	U	20.0	19.6		ug/L		98	73 - 130	2	30
1,1-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	68 - 133	0	30
1,2-Dichloroethane	1.0	U	20.0	22.9		ug/L		114	66 - 129	3	30
1,2-Dichloropropane	1.0	U	20.0	20.1		ug/L		100	72 - 128	3	30
2-Hexanone	5.0	U	100	106		ug/L		106	72 - 134	5	30

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

Lab Sample ID: 460-312971-5 MSD
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	5.0	U	100	87.8		ug/L		88	60 - 133	12	30
Benzene	1.0	U	20.0	19.6		ug/L		98	71 - 126	2	30
Bromodichloromethane	1.0	U	20.0	20.7		ug/L		104	76 - 121	4	30
Bromoform	1.0	U	20.0	20.3		ug/L		102	58 - 128	0	30
Bromomethane	1.0	U	20.0	18.7		ug/L		93	33 - 150	4	30
Carbon disulfide	1.0	U	20.0	15.6		ug/L		78	35 - 150	3	30
Carbon tetrachloride	1.0	U	20.0	18.6		ug/L		93	65 - 131	1	30
Chlorobenzene	1.0	U	20.0	19.7		ug/L		98	80 - 120	1	30
Chloroethane	1.0	U	20.0	20.6		ug/L		103	54 - 150	4	30
Chloroform	1.0	U	20.0	20.1		ug/L		101	78 - 125	2	30
Chloromethane	1.0	U	20.0	17.6		ug/L		88	43 - 149	1	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.6		ug/L		98	78 - 121	2	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.8		ug/L		99	74 - 125	2	30
Dibromochloromethane	1.0	U	20.0	21.1		ug/L		105	73 - 121	2	30
Ethylbenzene	1.0	U	20.0	19.5		ug/L		98	78 - 120	2	30
Methyl Ethyl Ketone	5.0	U	100	98.1		ug/L		98	65 - 142	1	30
methyl isobutyl ketone	5.0	U	100	106		ug/L		106	77 - 130	4	30
Methylene Chloride	1.0	U	20.0	18.3		ug/L		91	74 - 127	0	30
Styrene	1.0	U	20.0	21.8		ug/L		109	82 - 127	1	30
Tetrachloroethene	10		20.0	25.9		ug/L		78	70 - 127	1	30
Toluene	1.0	U	20.0	19.4		ug/L		97	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.7		ug/L		93	70 - 126	1	30
trans-1,3-Dichloropropene	1.0	U	20.0	21.4		ug/L		107	71 - 127	0	30
Trichloroethene	1.0	U	20.0	19.2		ug/L		96	73 - 121	1	30
Vinyl chloride	1.0	U	20.0	18.4		ug/L		92	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	39.9		ug/L		100	80 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 460-1000575/8
Matrix: Water
Analysis Batch: 1000575

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 20:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 20:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 20:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 20:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 20:19	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 20:19	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 20:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 20:19	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 20:19	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 20:19	1

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

Lab Sample ID: MB 460-1000575/8
Matrix: Water
Analysis Batch: 1000575

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 20:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 20:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 20:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 20:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 20:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 20:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 20:19	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 20:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 20:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 20:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 20:19	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 20:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 20:19	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 20:19	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 20:19	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 20:19	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 20:19	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/09/24 20:19	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 20:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 20:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 20:19	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/09/24 20:19	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 20:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*10/09/24 20:19*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*10/09/24 20:19*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*10/09/24 20:19*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/09/24 20:19*	*1*

Lab Sample ID: LCS 460-1000575/4
Matrix: Water
Analysis Batch: 1000575

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/L		113	63 - 139
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	74 - 125
1,1-Dichloroethane	20.0	17.2		ug/L		86	73 - 130
1,1-Dichloroethene	20.0	16.8		ug/L		84	68 - 133
1,2-Dichloroethane	20.0	20.6		ug/L		103	66 - 129
1,2-Dichloropropane	20.0	17.0		ug/L		85	72 - 128
2-Hexanone	100	91.1		ug/L		91	72 - 134
Acetone	100	90.0		ug/L		90	60 - 133
Benzene	20.0	17.7		ug/L		89	71 - 126
Bromodichloromethane	20.0	18.3		ug/L		92	76 - 121
Bromoform	20.0	19.1		ug/L		95	58 - 128

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

Lab Sample ID: LCS 460-1000575/4
Matrix: Water
Analysis Batch: 1000575

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			20.0	16.5		ug/L		82	33 - 150		
Carbon disulfide			20.0	17.0		ug/L		85	35 - 150		
Carbon tetrachloride			20.0	17.4		ug/L		87	65 - 131		
Chlorobenzene			20.0	17.6		ug/L		88	80 - 120		
Chloroethane			20.0	16.2		ug/L		81	54 - 150		
Chloroform			20.0	18.3		ug/L		92	78 - 125		
Chloromethane			20.0	16.1		ug/L		81	43 - 149		
cis-1,2-Dichloroethene			20.0	18.0		ug/L		90	78 - 121		
cis-1,3-Dichloropropene			20.0	18.1		ug/L		90	74 - 125		
Dibromochloromethane			20.0	20.3		ug/L		102	73 - 121		
Ethylbenzene			20.0	17.6		ug/L		88	78 - 120		
Methyl Ethyl Ketone			100	92.4		ug/L		92	65 - 142		
methyl isobutyl ketone			100	93.9		ug/L		94	77 - 130		
Methylene Chloride			20.0	17.4		ug/L		87	74 - 127		
Styrene			20.0	19.8		ug/L		99	82 - 127		
Tetrachloroethene			20.0	16.7		ug/L		83	70 - 127		
Toluene			20.0	17.3		ug/L		86	78 - 120		
trans-1,2-Dichloroethene			20.0	16.7		ug/L		83	70 - 126		
trans-1,3-Dichloropropene			20.0	20.1		ug/L		101	71 - 127		
Trichloroethene			20.0	16.8		ug/L		84	73 - 121		
Vinyl chloride			20.0	14.0		ug/L		70	55 - 144		
Xylenes, Total			40.0	35.9		ug/L		90	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-1000575/5
Matrix: Water
Analysis Batch: 1000575

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.6		ug/L		93	72 - 128	3	30
1,1,2,2-Tetrachloroethane			20.0	22.4		ug/L		112	63 - 139	0	30
1,1,2-Trichloroethane			20.0	19.3		ug/L		96	74 - 125	9	30
1,1-Dichloroethane			20.0	17.5		ug/L		88	73 - 130	2	30
1,1-Dichloroethene			20.0	17.1		ug/L		85	68 - 133	2	30
1,2-Dichloroethane			20.0	20.8		ug/L		104	66 - 129	1	30
1,2-Dichloropropane			20.0	16.9		ug/L		84	72 - 128	1	30
2-Hexanone			100	93.3		ug/L		93	72 - 134	2	30
Acetone			100	86.0		ug/L		86	60 - 133	5	30
Benzene			20.0	17.7		ug/L		88	71 - 126	0	30
Bromodichloromethane			20.0	18.8		ug/L		94	76 - 121	2	30
Bromoform			20.0	19.3		ug/L		97	58 - 128	1	30
Bromomethane			20.0	17.0		ug/L		85	33 - 150	3	30
Carbon disulfide			20.0	17.7		ug/L		88	35 - 150	4	30

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

Lab Sample ID: LCSD 460-1000575/5
Matrix: Water
Analysis Batch: 1000575

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			20.0	18.1		ug/L		90	65 - 131	4	30
Chlorobenzene			20.0	17.8		ug/L		89	80 - 120	1	30
Chloroethane			20.0	17.2		ug/L		86	54 - 150	6	30
Chloroform			20.0	18.7		ug/L		93	78 - 125	2	30
Chloromethane			20.0	16.2		ug/L		81	43 - 149	0	30
cis-1,2-Dichloroethene			20.0	18.0		ug/L		90	78 - 121	0	30
cis-1,3-Dichloropropene			20.0	17.7		ug/L		88	74 - 125	2	30
Dibromochloromethane			20.0	20.3		ug/L		102	73 - 121	0	30
Ethylbenzene			20.0	17.1		ug/L		85	78 - 120	3	30
Methyl Ethyl Ketone			100	93.7		ug/L		94	65 - 142	1	30
methyl isobutyl ketone			100	94.4		ug/L		94	77 - 130	1	30
Methylene Chloride			20.0	17.6		ug/L		88	74 - 127	1	30
Styrene			20.0	19.4		ug/L		97	82 - 127	2	30
Tetrachloroethene			20.0	16.5		ug/L		82	70 - 127	1	30
Toluene			20.0	17.4		ug/L		87	78 - 120	1	30
trans-1,2-Dichloroethene			20.0	17.5		ug/L		87	70 - 126	5	30
trans-1,3-Dichloropropene			20.0	18.9		ug/L		95	71 - 127	6	30
Trichloroethene			20.0	17.9		ug/L		89	73 - 121	6	30
Vinyl chloride			20.0	14.5		ug/L		73	55 - 144	4	30
Xylenes, Total			40.0	35.9		ug/L		90	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*104*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 460-1001940/9
Matrix: Water
Analysis Batch: 1001940

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/17/24 11:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/17/24 11:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/17/24 11:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/17/24 11:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/17/24 11:20	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/17/24 11:20	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/17/24 11:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/17/24 11:20	1
Acetone	5.0	U	5.0	4.4	ug/L			10/17/24 11:20	1
Benzene	1.0	U	1.0	0.20	ug/L			10/17/24 11:20	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/17/24 11:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/17/24 11:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/17/24 11:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/17/24 11:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/17/24 11:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/17/24 11:20	1

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

Lab Sample ID: MB 460-1001940/9
Matrix: Water
Analysis Batch: 1001940

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			10/17/24 11:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/17/24 11:20	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/17/24 11:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/17/24 11:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/24 11:20	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/17/24 11:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/17/24 11:20	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/17/24 11:20	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/17/24 11:20	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/17/24 11:20	1
Styrene	1.0	U	1.0	0.42	ug/L			10/17/24 11:20	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/17/24 11:20	1
Toluene	1.0	U	1.0	0.38	ug/L			10/17/24 11:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/17/24 11:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/17/24 11:20	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/17/24 11:20	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/17/24 11:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/17/24 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*10/17/24 11:20*	*1*
4-Bromofluorobenzene	*114*		*76 - 120*		*10/17/24 11:20*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*10/17/24 11:20*	*1*
Toluene-d8 (Surr)	*81*		*80 - 120*		*10/17/24 11:20*	*1*

Lab Sample ID: LCS 460-1001940/3
Matrix: Water
Analysis Batch: 1001940

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	23.8		ug/L		119	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	63 - 139
1,1,2-Trichloroethane	20.0	18.9		ug/L		94	74 - 125
1,1-Dichloroethane	20.0	23.1		ug/L		116	73 - 130
1,1-Dichloroethene	20.0	24.7		ug/L		124	68 - 133
1,2-Dichloroethane	20.0	21.4		ug/L		107	66 - 129
1,2-Dichloropropane	20.0	22.3		ug/L		112	72 - 128
2-Hexanone	100	108		ug/L		108	72 - 134
Acetone	100	101		ug/L		101	60 - 133
Benzene	20.0	17.4		ug/L		87	71 - 126
Bromodichloromethane	20.0	21.9		ug/L		109	76 - 121
Bromoform	20.0	20.3		ug/L		101	58 - 128
Bromomethane	20.0	23.1		ug/L		115	33 - 150
Carbon disulfide	20.0	23.8		ug/L		119	35 - 150
Carbon tetrachloride	20.0	24.5		ug/L		122	65 - 131
Chlorobenzene	20.0	18.6		ug/L		93	80 - 120
Chloroethane	20.0	22.1		ug/L		111	54 - 150
Chloroform	20.0	23.1		ug/L		116	78 - 125

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

Lab Sample ID: LCS 460-1001940/3
Matrix: Water
Analysis Batch: 1001940

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	22.0		ug/L		110	43 - 149
cis-1,2-Dichloroethene	20.0	23.7		ug/L		118	78 - 121
cis-1,3-Dichloropropene	20.0	16.6		ug/L		83	74 - 125
Dibromochloromethane	20.0	18.7		ug/L		93	73 - 121
Ethylbenzene	20.0	18.8		ug/L		94	78 - 120
Methyl Ethyl Ketone	100	109		ug/L		109	65 - 142
methyl isobutyl ketone	100	102		ug/L		102	77 - 130
Methylene Chloride	20.0	23.4		ug/L		117	74 - 127
Styrene	20.0	19.4		ug/L		97	82 - 127
Tetrachloroethene	20.0	19.3		ug/L		97	70 - 127
Toluene	20.0	18.1		ug/L		91	78 - 120
trans-1,2-Dichloroethene	20.0	24.6		ug/L		123	70 - 126
trans-1,3-Dichloropropene	20.0	16.2		ug/L		81	71 - 127
Trichloroethene	20.0	21.3		ug/L		106	73 - 121
Vinyl chloride	20.0	20.1		ug/L		100	55 - 144
Xylenes, Total	40.0	37.2		ug/L		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*115*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*82*		*80 - 120*

Lab Sample ID: LCSD 460-1001940/6
Matrix: Water
Analysis Batch: 1001940

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	23.7		ug/L		118	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	17.1		ug/L		85	63 - 139	3	30
1,1,2-Trichloroethane	20.0	18.4		ug/L		92	74 - 125	3	30
1,1-Dichloroethane	20.0	23.3		ug/L		117	73 - 130	1	30
1,1-Dichloroethene	20.0	25.8		ug/L		129	68 - 133	4	30
1,2-Dichloroethane	20.0	21.8		ug/L		109	66 - 129	2	30
1,2-Dichloropropane	20.0	21.2		ug/L		106	72 - 128	5	30
2-Hexanone	100	105		ug/L		105	72 - 134	3	30
Acetone	100	103		ug/L		103	60 - 133	1	30
Benzene	20.0	17.7		ug/L		88	71 - 126	2	30
Bromodichloromethane	20.0	22.1		ug/L		111	76 - 121	1	30
Bromoform	20.0	20.4		ug/L		102	58 - 128	0	30
Bromomethane	20.0	23.6		ug/L		118	33 - 150	2	30
Carbon disulfide	20.0	23.8		ug/L		119	35 - 150	0	30
Carbon tetrachloride	20.0	24.5		ug/L		122	65 - 131	0	30
Chlorobenzene	20.0	18.7		ug/L		93	80 - 120	1	30
Chloroethane	20.0	22.6		ug/L		113	54 - 150	2	30
Chloroform	20.0	23.7		ug/L		119	78 - 125	3	30
Chloromethane	20.0	22.3		ug/L		112	43 - 149	1	30
cis-1,2-Dichloroethene	20.0	23.6		ug/L		118	78 - 121	0	30

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

Lab Sample ID: LCSD 460-1001940/6
Matrix: Water
Analysis Batch: 1001940

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			20.0	16.8		ug/L		84	74 - 125	1	30
Dibromochloromethane			20.0	18.0		ug/L		90	73 - 121	4	30
Ethylbenzene			20.0	19.2		ug/L		96	78 - 120	2	30
Methyl Ethyl Ketone			100	113		ug/L		113	65 - 142	4	30
methyl isobutyl ketone			100	101		ug/L		101	77 - 130	2	30
Methylene Chloride			20.0	23.3		ug/L		117	74 - 127	0	30
Styrene			20.0	19.3		ug/L		97	82 - 127	0	30
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 127	3	30
Toluene			20.0	17.7		ug/L		89	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	25.4	*	ug/L		127	70 - 126	3	30
trans-1,3-Dichloropropene			20.0	17.0		ug/L		85	71 - 127	4	30
Trichloroethene			20.0	22.6		ug/L		113	73 - 121	6	30
Vinyl chloride			20.0	20.8		ug/L		104	55 - 144	4	30
Xylenes, Total			40.0	37.4		ug/L		93	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*114*		*76 - 120*
Dibromofluoromethane (Surr)	*104*		*77 - 132*
Toluene-d8 (Surr)	*81*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

GC/MS VOA

Analysis Batch: 1000443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-312971-2	ME-8	Total/NA	Water	8260D	
460-312971-3	ME-13	Total/NA	Water	8260D	
460-312971-5	A-02	Total/NA	Water	8260D	
460-312971-6	A-06	Total/NA	Water	8260D	
460-312971-7	A-066	Total/NA	Water	8260D	
460-312971-8	A-08	Total/NA	Water	8260D	
460-312971-9	A-07	Total/NA	Water	8260D	
460-312971-10	A-05	Total/NA	Water	8260D	
460-312971-11	A-10	Total/NA	Water	8260D	
MB 460-1000443/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1000443/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1000443/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-312971-5 MS	A-02	Total/NA	Water	8260D	
460-312971-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 1000575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-312971-1	A-15	Total/NA	Water	8260D	
460-312971-4	MW-113	Total/NA	Water	8260D	
460-312971-12	FB1003	Total/NA	Water	8260D	
460-312971-13	Trip Blank	Total/NA	Water	8260D	
MB 460-1000575/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1000575/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1000575/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1001940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-312971-14	A-09	Total/NA	Water	8260D	
MB 460-1001940/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1001940/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1001940/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-312971-1
Date Collected: 10/03/24 08:10
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000575	VBP	EET EDI	10/09/24 22:54

Client Sample ID: ME-8
Lab Sample ID: 460-312971-2
Date Collected: 10/03/24 08:50
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 15:20

Client Sample ID: ME-13
Lab Sample ID: 460-312971-3
Date Collected: 10/03/24 09:25
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 15:39

Client Sample ID: MW-113
Lab Sample ID: 460-312971-4
Date Collected: 10/03/24 10:10
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000575	VBP	EET EDI	10/09/24 22:35

Client Sample ID: A-02
Lab Sample ID: 460-312971-5
Date Collected: 10/03/24 10:45
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 15:00

Client Sample ID: A-06
Lab Sample ID: 460-312971-6
Date Collected: 10/03/24 11:10
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 16:18

Client Sample ID: A-066
Lab Sample ID: 460-312971-7
Date Collected: 10/03/24 11:12
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 16:38

Client Sample ID: A-08
Lab Sample ID: 460-312971-8
Date Collected: 10/03/24 11:35
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	1000443	SZD	EET EDI	10/09/24 17:56

Client Sample ID: A-07
Lab Sample ID: 460-312971-9
Date Collected: 10/03/24 12:10
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 16:57

Client Sample ID: A-05
Lab Sample ID: 460-312971-10
Date Collected: 10/03/24 12:25
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 17:17

Client Sample ID: A-10
Lab Sample ID: 460-312971-11
Date Collected: 10/03/24 13:15
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000443	SZD	EET EDI	10/09/24 17:36

Client Sample ID: FB1003
Lab Sample ID: 460-312971-12
Date Collected: 10/03/24 14:00
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000575	VBP	EET EDI	10/09/24 21:56

Client Sample ID: Trip Blank
Lab Sample ID: 460-312971-13
Date Collected: 10/03/24 14:30
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1000575	VBP	EET EDI	10/09/24 22:15

Client Sample ID: A-09
Lab Sample ID: 460-312971-14
Date Collected: 10/03/24 12:50
Matrix: Water
Date Received: 10/04/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1001940	MZS	EET EDI	10/17/24 11:44

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-312971-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00173	10/06/24	09/06/24	MeOH, Lot EI863-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00024	10/07/24	09/07/24	MeOH, Lot EI863-US	10 mL	7 Freons_00005	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00018	09/30/24	08/31/24	MeOH, Lot EI863-US	5 mL	7 Freons_00005	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00184	09/30/24	08/31/24	MeOH, Lot EI836-US	10 mL	KetonesC SS_00016	200 uL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8260ISNEW_00175							1,2-Dichloroethane-d4 (Surr)	
							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							4-Bromofluorobenzene	
							BFB	
							Chlorobenzene-d5	250 ug/mL
							Dibromofluoromethane (Surr)	
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
							Tentatively Identified Compound	
							Toluene-d8 (Surr)	
							Total BTEX	
							Xylenes, Total	
8260ISNEW_00207	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00193	10/10/24	09/10/24	MeOH, Lot EI863-US	50 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00024	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00029	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT) 00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new) 00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

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

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00193	10/10/24	09/10/24	MeOH, Lot EI863-US	50 mL	Mega Mix_00041	1 mL	1,2-Dichloroethene, Total	100 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,2-Dichloroethene, Total	5000 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00194	10/24/24	09/24/24	MeOH, Lot EI863-US	50 mL	KetonesC_00029	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix_00041	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Hexanone	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260SURR250_00249	10/16/24	08/16/24	MeOH, Lot EI863-US	50 mL	8260 SURR C_00064	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00064	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8260SURR250_00251	12/15/24	10/15/24	MeOH, Lot EI863-US	50 mL	8260 SURR C_00066	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00066	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00173	09/24/24	08/24/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACROLEIN W_00174	10/07/24	09/07/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00129	10/06/24	09/06/24	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00014	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00093	09/30/24	08/31/24	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00024	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00587	09/27/24	09/20/24	MeOH, Lot EI863-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS C SP_00588	10/04/24	09/27/24	MeOH, Lot EI863-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00479	10/04/24	09/20/24	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00604	09/27/24	09/20/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00605	10/04/24	09/27/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00606	10/11/24	10/04/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00607	10/18/24	10/11/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00153	09/30/24	08/31/24	MeOH, Lot EI863-US	5 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00180	09/30/24	08/31/24	MeOH, Lot EI863-US	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00029	1 mL	2-Hexanone	2500 ug/mL
							Acetone	2500 ug/mL
							Methyl Ethyl Ketone	2500 ug/mL
							methyl isobutyl ketone	2500 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00100	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00076	10/27/24	08/27/24	MeOH, Lot EI863-US	10 mL	8260 SURR C_00064	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00206	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00064	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00206	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00077	11/27/24	09/30/24	MeOH, Lot EI434-US	5 mL	8260ISNEW_00205	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260ISNEW_00205	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00077	11/27/24	09/30/24	MeOH, Lot EI434-US	5 mL	8260 SURR C_00063	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.8260 SURR C_00063	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL

Reagent

14DIOXNEAT_00004

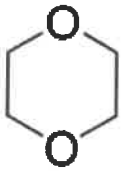
Supelco

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

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

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



R2386

HS 3/31/23 #10669636

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

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

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

Reagent

2-CEVEC_00030

R2510

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

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Reagent

7 Freons_00005

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R2518

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	65833	**Solvent(s):**	**Lot#**	
Lot Number:	040723	Methanol	EF282-USQ5	
Description:	Freon Standard Rev 1 7 components			
Expiration Date:	040726			
Recommended Storage:	Freezer (0 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	

Eli Aliaga	040723	
Formulated By:	Eli Aliaga	DATE
Pedro Rentas	040723	
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Reagent

8260 SURR C_00063

R2488

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0201943

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260 SURR C_00064

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ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 67 of 984

Reagent

8260 SURR C_00066

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00175

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0185399

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	tert-Butyl-d9-alcohol **CAS #** 25725-11-5 (Lot CD-107) **Purity** 99%	5,001.2 µg/mL	+/- 29.0759 µg/mL +/- 107.0759 µg/mL +/- 110.1888 µg/mL	Gravimetric Unstressed Stressed
2	2-Butanone-d5 **CAS #** 24313-50-6 (Lot M-276) **Purity** 99%	1,262.5 µg/mL	+/- 7.3403 µg/mL +/- 27.0303 µg/mL +/- 27.8161 µg/mL	Gravimetric Unstressed Stressed
3	Fluorobenzene **CAS #** 462-06-6 (Lot BCBZ5549) **Purity** 99%	250.9 µg/mL	+/- 1.4618 µg/mL +/- 5.3716 µg/mL +/- 5.5278 µg/mL	Gravimetric Unstressed Stressed
4	1,4-Dioxane-d8 **CAS #** 17647-74-4 (Lot RP220427) **Purity** 99%	5,015.3 µg/mL	+/- 29.1576 µg/mL +/- 107.3767 µg/mL +/- 110.4983 µg/mL	Gravimetric Unstressed Stressed
5	Chlorobenzene-d5 **CAS #** 3114-55-4 (Lot PR-29571) **Purity** 99%	250.9 µg/mL	+/- 1.4621 µg/mL +/- 5.3727 µg/mL +/- 5.5289 µg/mL	Gravimetric Unstressed Stressed
6	1,4-Dichlorobenzene-d4 **CAS #** 3855-82-1 (Lot PR-30447) **Purity** 99%	252.0 µg/mL	+/- 1.4682 µg/mL +/- 5.3952 µg/mL +/- 5.5520 µg/mL	Gravimetric Unstressed Stressed

Reagent

8260ISNEW_00205

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Page 1 of 984

Reagent

8260ISNEW_00206

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

8260ISNEW_00207

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

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Reagent

Acrylonitrile_00010

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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

Eli Aliaga	061523
Formulated By: Eli Aliaga	DATE
Pedro Rentas	061523
Reviewed By: Pedro L. Rentas	DATE

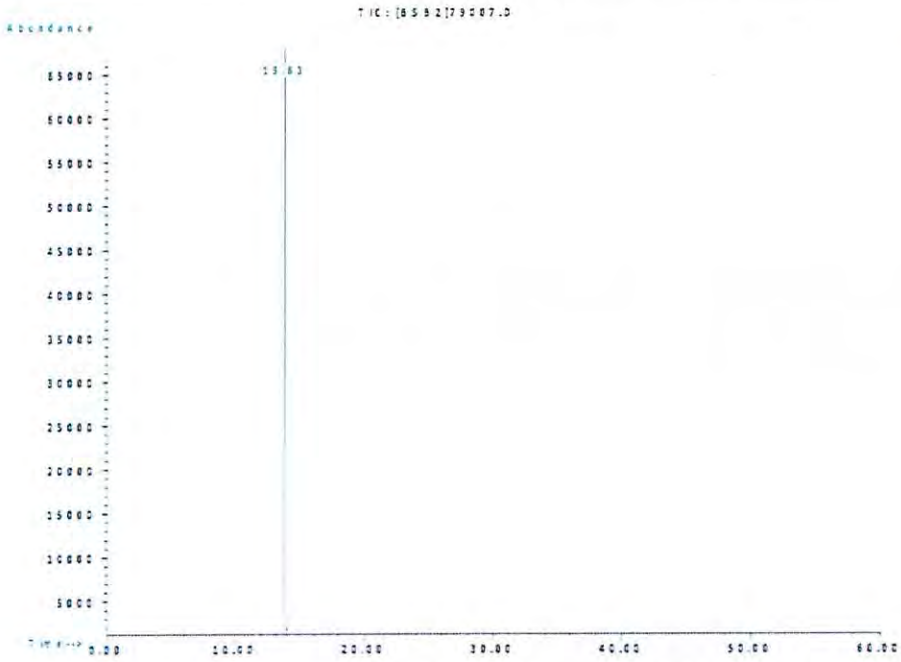
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

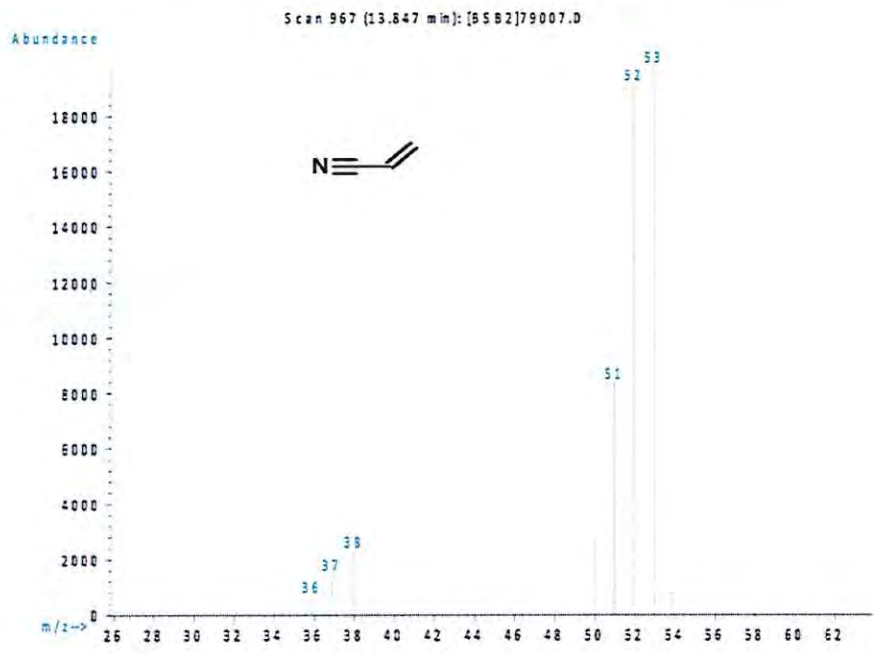
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	ori-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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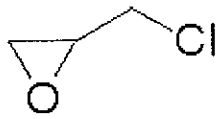
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 ° C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00023

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Certified Reference Material CRM

R2517

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	5000	99.4	0.2	0.50304	0.50358	5005.3	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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R2527

MS 6/6/24 # 11794792

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

GASES SS_00027

R2524

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9537
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

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MS 11/7/23

CERTIFIED REFERENCE MATERIAL

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R2444 #11295656

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

KetonesC_00029

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R2530
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00022

R2513

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00025

R2514

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00021

R2477

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

Mega Mix_00041

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R2509

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

POLAR ADD_00029

R2512

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00100

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2508

MS 5/8/24

11721736

10/18/2024 12:59:41 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

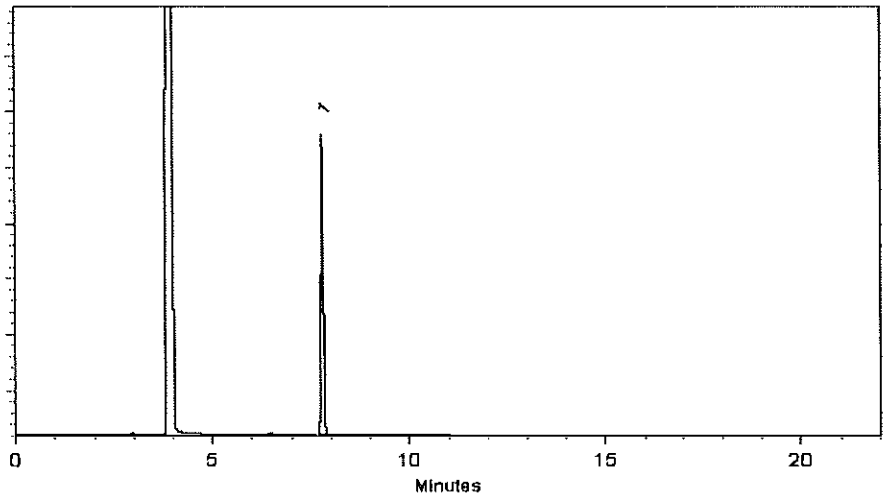
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 27-Mar-2024 **Balance Serial #** B251644995

Amanda Miller - Operations Tech III - ARM QC

Date Passed: 29-Mar-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

10/18/2024 12:59:41 PM

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

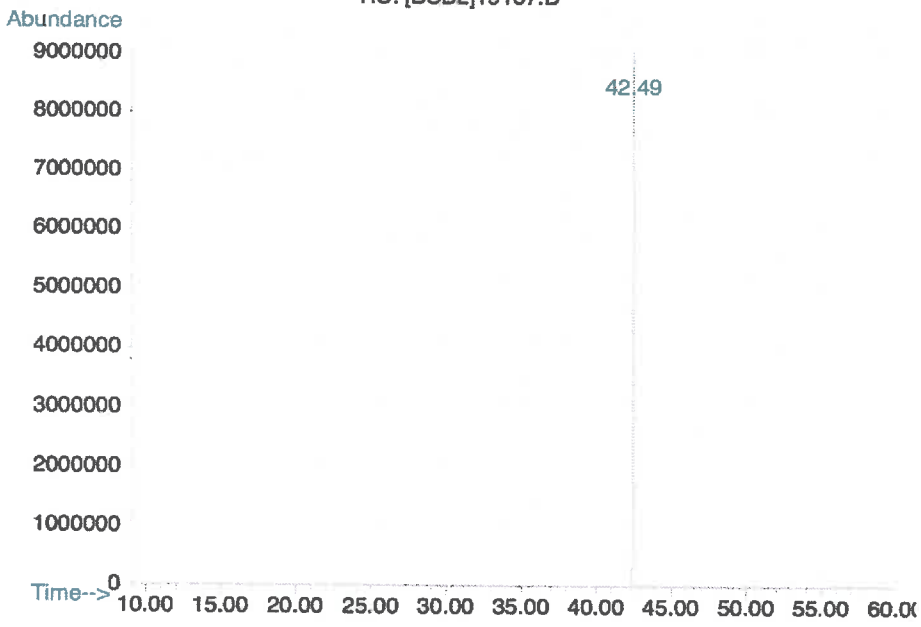
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

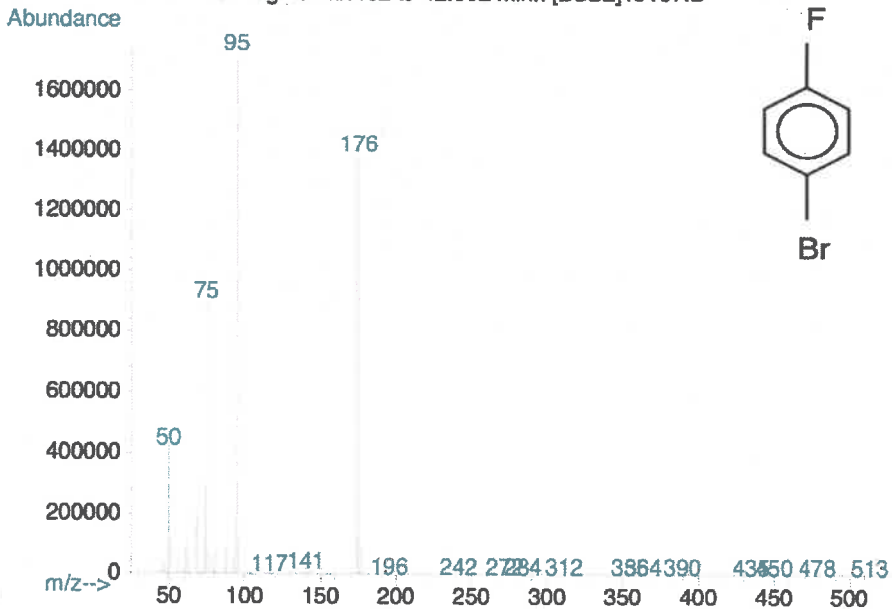
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-312971-1	104	117	96	96
ME-8	460-312971-2	100	112	96	95
ME-13	460-312971-3	102	116	98	95
MW-113	460-312971-4	102	117	97	94
A-02	460-312971-5	100	115	98	95
A-06	460-312971-6	100	115	98	97
A-066	460-312971-7	102	116	98	96
A-08	460-312971-8	102	117	97	92
A-07	460-312971-9	99	116	98	96
A-05	460-312971-10	101	114	97	94
A-10	460-312971-11	103	115	98	93
FB1003	460-312971-12	104	116	99	95
Trip Blank	460-312971-13	104	118	97	96
A-09	460-312971-14	109	89	80	114
	MB 460-1000443/9	106	119	98	96
	MB 460-1000575/8	103	117	96	97
	MB 460-1001940/9	107	90	81	114
	LCS 460-1000443/4	103	115	97	99
	LCS 460-1000575/4	101	112	100	99
	LCS 460-1001940/3	106	88	82	115
	LCSD 460-1000443/6	101	116	96	98
	LCSD 460-1000575/5	104	115	96	99
	LCSD 460-1001940/6	104	89	81	114
A-02 MS	460-312971-5 MS	100	111	100	96
A-02 MSD	460-312971-5 MSD	98	113	97	97

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857243.D

Lab ID: LCS 460-1000443/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	103	72-128	
1,1,2,2-Tetrachloroethane	20.0	25.6	128	63-139	
1,1,2-Trichloroethane	20.0	21.9	110	74-125	
1,1-Dichloroethane	20.0	18.6	93	73-130	
1,1-Dichloroethene	20.0	18.6	93	68-133	
1,2-Dichloroethane	20.0	23.5	117	66-129	
1,2-Dichloropropane	20.0	18.9	94	72-128	
2-Hexanone	100	98.2	98	72-134	
Acetone	100	96.0	96	60-133	
Benzene	20.0	19.4	97	71-126	
Bromodichloromethane	20.0	20.6	103	76-121	
Bromoform	20.0	21.9	109	58-128	
Bromomethane	20.0	19.2	96	33-150	
Carbon disulfide	20.0	17.7	89	35-150	
Carbon tetrachloride	20.0	19.4	97	65-131	
Chlorobenzene	20.0	19.9	99	80-120	
Chloroethane	20.0	20.3	102	54-150	
Chloroform	20.0	20.1	101	78-125	
Chloromethane	20.0	17.4	87	43-149	
cis-1,2-Dichloroethene	20.0	19.5	97	78-121	
cis-1,3-Dichloropropene	20.0	19.2	96	74-125	
Dibromochloromethane	20.0	22.7	113	73-121	
Ethylbenzene	20.0	19.1	96	78-120	
Methyl Ethyl Ketone	100	108	108	65-142	
methyl isobutyl ketone	100	102	102	77-130	
Methylene Chloride	20.0	18.5	92	74-127	
Styrene	20.0	21.8	109	82-127	
Tetrachloroethene	20.0	18.3	92	70-127	
Toluene	20.0	18.9	94	78-120	
trans-1,2-Dichloroethene	20.0	18.4	92	70-126	
trans-1,3-Dichloropropene	20.0	21.2	106	71-127	
Trichloroethene	20.0	19.2	96	73-121	
Vinyl chloride	20.0	18.2	91	55-144	
Xylenes, Total	40.0	39.0	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857279.D

Lab ID: LCS 460-1000575/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.0	90	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.5	113	63-139	
1,1,2-Trichloroethane	20.0	21.2	106	74-125	
1,1-Dichloroethane	20.0	17.2	86	73-130	
1,1-Dichloroethene	20.0	16.8	84	68-133	
1,2-Dichloroethane	20.0	20.6	103	66-129	
1,2-Dichloropropane	20.0	17.0	85	72-128	
2-Hexanone	100	91.1	91	72-134	
Acetone	100	90.0	90	60-133	
Benzene	20.0	17.7	89	71-126	
Bromodichloromethane	20.0	18.3	92	76-121	
Bromoform	20.0	19.1	95	58-128	
Bromomethane	20.0	16.5	82	33-150	
Carbon disulfide	20.0	17.0	85	35-150	
Carbon tetrachloride	20.0	17.4	87	65-131	
Chlorobenzene	20.0	17.6	88	80-120	
Chloroethane	20.0	16.2	81	54-150	
Chloroform	20.0	18.3	92	78-125	
Chloromethane	20.0	16.1	81	43-149	
cis-1,2-Dichloroethene	20.0	18.0	90	78-121	
cis-1,3-Dichloropropene	20.0	18.1	90	74-125	
Dibromochloromethane	20.0	20.3	102	73-121	
Ethylbenzene	20.0	17.6	88	78-120	
Methyl Ethyl Ketone	100	92.4	92	65-142	
methyl isobutyl ketone	100	93.9	94	77-130	
Methylene Chloride	20.0	17.4	87	74-127	
Styrene	20.0	19.8	99	82-127	
Tetrachloroethene	20.0	16.7	83	70-127	
Toluene	20.0	17.3	86	78-120	
trans-1,2-Dichloroethene	20.0	16.7	83	70-126	
trans-1,3-Dichloropropene	20.0	20.1	101	71-127	
Trichloroethene	20.0	16.8	84	73-121	
Vinyl chloride	20.0	14.0	70	55-144	
Xylenes, Total	40.0	35.9	90	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K65061.D

Lab ID: LCS 460-1001940/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.8	119	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	63-139	
1,1,2-Trichloroethane	20.0	18.9	94	74-125	
1,1-Dichloroethane	20.0	23.1	116	73-130	
1,1-Dichloroethene	20.0	24.7	124	68-133	
1,2-Dichloroethane	20.0	21.4	107	66-129	
1,2-Dichloropropane	20.0	22.3	112	72-128	
2-Hexanone	100	108	108	72-134	
Acetone	100	101	101	60-133	
Benzene	20.0	17.4	87	71-126	
Bromodichloromethane	20.0	21.9	109	76-121	
Bromoform	20.0	20.3	101	58-128	
Bromomethane	20.0	23.1	115	33-150	
Carbon disulfide	20.0	23.8	119	35-150	
Carbon tetrachloride	20.0	24.5	122	65-131	
Chlorobenzene	20.0	18.6	93	80-120	
Chloroethane	20.0	22.1	111	54-150	
Chloroform	20.0	23.1	116	78-125	
Chloromethane	20.0	22.0	110	43-149	
cis-1,2-Dichloroethene	20.0	23.7	118	78-121	
cis-1,3-Dichloropropene	20.0	16.6	83	74-125	
Dibromochloromethane	20.0	18.7	93	73-121	
Ethylbenzene	20.0	18.8	94	78-120	
Methyl Ethyl Ketone	100	109	109	65-142	
methyl isobutyl ketone	100	102	102	77-130	
Methylene Chloride	20.0	23.4	117	74-127	
Styrene	20.0	19.4	97	82-127	
Tetrachloroethene	20.0	19.3	97	70-127	
Toluene	20.0	18.1	91	78-120	
trans-1,2-Dichloroethene	20.0	24.6	123	70-126	
trans-1,3-Dichloropropene	20.0	16.2	81	71-127	
Trichloroethene	20.0	21.3	106	73-121	
Vinyl chloride	20.0	20.1	100	55-144	
Xylenes, Total	40.0	37.2	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857245.D

Lab ID: LCSD 460-1000443/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.7	104	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.8	124	3	30	63-139	
1,1,2-Trichloroethane	20.0	22.1	110	1	30	74-125	
1,1-Dichloroethane	20.0	18.9	94	1	30	73-130	
1,1-Dichloroethene	20.0	19.4	97	4	30	68-133	
1,2-Dichloroethane	20.0	22.2	111	6	30	66-129	
1,2-Dichloropropane	20.0	18.7	93	1	30	72-128	
2-Hexanone	100	97.0	97	1	30	72-134	
Acetone	100	93.5	94	3	30	60-133	
Benzene	20.0	19.4	97	0	30	71-126	
Bromodichloromethane	20.0	21.2	106	3	30	76-121	
Bromoform	20.0	20.8	104	5	30	58-128	
Bromomethane	20.0	19.7	98	2	30	33-150	
Carbon disulfide	20.0	18.2	91	3	30	35-150	
Carbon tetrachloride	20.0	19.5	98	1	30	65-131	
Chlorobenzene	20.0	19.9	99	0	30	80-120	
Chloroethane	20.0	20.3	102	0	30	54-150	
Chloroform	20.0	20.3	101	1	30	78-125	
Chloromethane	20.0	16.9	85	3	30	43-149	
cis-1,2-Dichloroethene	20.0	19.9	100	2	30	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	1	30	74-125	
Dibromochloromethane	20.0	21.9	109	3	30	73-121	
Ethylbenzene	20.0	19.0	95	1	30	78-120	
Methyl Ethyl Ketone	100	102	102	5	30	65-142	
methyl isobutyl ketone	100	101	101	1	30	77-130	
Methylene Chloride	20.0	18.8	94	2	30	74-127	
Styrene	20.0	21.8	109	0	30	82-127	
Tetrachloroethene	20.0	18.5	93	1	30	70-127	
Toluene	20.0	19.3	96	2	30	78-120	
trans-1,2-Dichloroethene	20.0	18.4	92	0	30	70-126	
trans-1,3-Dichloropropene	20.0	21.1	106	0	30	71-127	
Trichloroethene	20.0	19.5	97	2	30	73-121	
Vinyl chloride	20.0	18.3	91	0	30	55-144	
Xylenes, Total	40.0	38.4	96	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857280.D

Lab ID: LCSD 460-1000575/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.6	93	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	0	30	63-139	
1,1,2-Trichloroethane	20.0	19.3	96	9	30	74-125	
1,1-Dichloroethane	20.0	17.5	88	2	30	73-130	
1,1-Dichloroethene	20.0	17.1	85	2	30	68-133	
1,2-Dichloroethane	20.0	20.8	104	1	30	66-129	
1,2-Dichloropropane	20.0	16.9	84	1	30	72-128	
2-Hexanone	100	93.3	93	2	30	72-134	
Acetone	100	86.0	86	5	30	60-133	
Benzene	20.0	17.7	88	0	30	71-126	
Bromodichloromethane	20.0	18.8	94	2	30	76-121	
Bromoform	20.0	19.3	97	1	30	58-128	
Bromomethane	20.0	17.0	85	3	30	33-150	
Carbon disulfide	20.0	17.7	88	4	30	35-150	
Carbon tetrachloride	20.0	18.1	90	4	30	65-131	
Chlorobenzene	20.0	17.8	89	1	30	80-120	
Chloroethane	20.0	17.2	86	6	30	54-150	
Chloroform	20.0	18.7	93	2	30	78-125	
Chloromethane	20.0	16.2	81	0	30	43-149	
cis-1,2-Dichloroethene	20.0	18.0	90	0	30	78-121	
cis-1,3-Dichloropropene	20.0	17.7	88	2	30	74-125	
Dibromochloromethane	20.0	20.3	102	0	30	73-121	
Ethylbenzene	20.0	17.1	85	3	30	78-120	
Methyl Ethyl Ketone	100	93.7	94	1	30	65-142	
methyl isobutyl ketone	100	94.4	94	1	30	77-130	
Methylene Chloride	20.0	17.6	88	1	30	74-127	
Styrene	20.0	19.4	97	2	30	82-127	
Tetrachloroethene	20.0	16.5	82	1	30	70-127	
Toluene	20.0	17.4	87	1	30	78-120	
trans-1,2-Dichloroethene	20.0	17.5	87	5	30	70-126	
trans-1,3-Dichloropropene	20.0	18.9	95	6	30	71-127	
Trichloroethene	20.0	17.9	89	6	30	73-121	
Vinyl chloride	20.0	14.5	73	4	30	55-144	
Xylenes, Total	40.0	35.9	90	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K65064.D

Lab ID: LCSD 460-1001940/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.7	118	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.1	85	3	30	63-139	
1,1,2-Trichloroethane	20.0	18.4	92	3	30	74-125	
1,1-Dichloroethane	20.0	23.3	117	1	30	73-130	
1,1-Dichloroethene	20.0	25.8	129	4	30	68-133	
1,2-Dichloroethane	20.0	21.8	109	2	30	66-129	
1,2-Dichloropropane	20.0	21.2	106	5	30	72-128	
2-Hexanone	100	105	105	3	30	72-134	
Acetone	100	103	103	1	30	60-133	
Benzene	20.0	17.7	88	2	30	71-126	
Bromodichloromethane	20.0	22.1	111	1	30	76-121	
Bromoform	20.0	20.4	102	0	30	58-128	
Bromomethane	20.0	23.6	118	2	30	33-150	
Carbon disulfide	20.0	23.8	119	0	30	35-150	
Carbon tetrachloride	20.0	24.5	122	0	30	65-131	
Chlorobenzene	20.0	18.7	93	1	30	80-120	
Chloroethane	20.0	22.6	113	2	30	54-150	
Chloroform	20.0	23.7	119	3	30	78-125	
Chloromethane	20.0	22.3	112	1	30	43-149	
cis-1,2-Dichloroethene	20.0	23.6	118	0	30	78-121	
cis-1,3-Dichloropropene	20.0	16.8	84	1	30	74-125	
Dibromochloromethane	20.0	18.0	90	4	30	73-121	
Ethylbenzene	20.0	19.2	96	2	30	78-120	
Methyl Ethyl Ketone	100	113	113	4	30	65-142	
methyl isobutyl ketone	100	101	101	2	30	77-130	
Methylene Chloride	20.0	23.3	117	0	30	74-127	
Styrene	20.0	19.3	97	0	30	82-127	
Tetrachloroethene	20.0	18.7	93	3	30	70-127	
Toluene	20.0	17.7	89	2	30	78-120	
trans-1,2-Dichloroethene	20.0	25.4	127	3	30	70-126	*
trans-1,3-Dichloropropene	20.0	17.0	85	4	30	71-127	
Trichloroethene	20.0	22.6	113	6	30	73-121	
Vinyl chloride	20.0	20.8	104	4	30	55-144	
Xylenes, Total	40.0	37.4	93	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857263.D

Lab ID: 460-312971-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.8	99	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	26.8	134	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	22.7	113	74-125	
1,1-Dichloroethane	20.0	1.0 U	19.2	96	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.1	96	68-133	
1,2-Dichloroethane	20.0	1.0 U	22.1	111	66-129	
1,2-Dichloropropane	20.0	1.0 U	19.4	97	72-128	
2-Hexanone	100	5.0 U	101	101	72-134	
Acetone	100	5.0 U	98.5	99	60-133	
Benzene	20.0	1.0 U	20.0	100	71-126	
Bromodichloromethane	20.0	1.0 U	20.0	100	76-121	
Bromoform	20.0	1.0 U	20.3	102	58-128	
Bromomethane	20.0	1.0 U	19.5	98	33-150	
Carbon disulfide	20.0	1.0 U	16.0	80	35-150	
Carbon tetrachloride	20.0	1.0 U	18.5	92	65-131	
Chlorobenzene	20.0	1.0 U	19.9	99	80-120	
Chloroethane	20.0	1.0 U	19.9	99	54-150	
Chloroform	20.0	1.0 U	19.7	98	78-125	
Chloromethane	20.0	1.0 U	17.4	87	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	19.1	96	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.5	97	74-125	
Dibromochloromethane	20.0	1.0 U	21.4	107	73-121	
Ethylbenzene	20.0	1.0 U	19.2	96	78-120	
Methyl Ethyl Ketone	100	5.0 U	97.5	97	65-142	
methyl isobutyl ketone	100	5.0 U	102	102	77-130	
Methylene Chloride	20.0	1.0 U	18.3	91	74-127	
Styrene	20.0	1.0 U	21.6	108	82-127	
Tetrachloroethene	20.0	10	26.2	80	70-127	
Toluene	20.0	1.0 U	19.5	98	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.4	92	70-126	
trans-1,3-Dichloropropene	20.0	1.0 U	21.4	107	71-127	
Trichloroethene	20.0	1.0 U	19.0	95	73-121	
Vinyl chloride	20.0	1.0 U	18.4	92	55-144	
Xylenes, Total	40.0	2.0 U	39.5	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT857264.D

Lab ID: 460-312971-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.1	101	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	27.1	135	1	30	63-139	
1,1,2-Trichloroethane	20.0	23.3	116	3	30	74-125	
1,1-Dichloroethane	20.0	19.6	98	2	30	73-130	
1,1-Dichloroethene	20.0	19.2	96	0	30	68-133	
1,2-Dichloroethane	20.0	22.9	114	3	30	66-129	
1,2-Dichloropropane	20.0	20.1	100	3	30	72-128	
2-Hexanone	100	106	106	5	30	72-134	
Acetone	100	87.8	88	12	30	60-133	
Benzene	20.0	19.6	98	2	30	71-126	
Bromodichloromethane	20.0	20.7	104	4	30	76-121	
Bromoform	20.0	20.3	102	0	30	58-128	
Bromomethane	20.0	18.7	93	4	30	33-150	
Carbon disulfide	20.0	15.6	78	3	30	35-150	
Carbon tetrachloride	20.0	18.6	93	1	30	65-131	
Chlorobenzene	20.0	19.7	98	1	30	80-120	
Chloroethane	20.0	20.6	103	4	30	54-150	
Chloroform	20.0	20.1	101	2	30	78-125	
Chloromethane	20.0	17.6	88	1	30	43-149	
cis-1,2-Dichloroethene	20.0	19.6	98	2	30	78-121	
cis-1,3-Dichloropropene	20.0	19.8	99	2	30	74-125	
Dibromochloromethane	20.0	21.1	105	2	30	73-121	
Ethylbenzene	20.0	19.5	98	2	30	78-120	
Methyl Ethyl Ketone	100	98.1	98	1	30	65-142	
methyl isobutyl ketone	100	106	106	4	30	77-130	
Methylene Chloride	20.0	18.3	91	0	30	74-127	
Styrene	20.0	21.8	109	1	30	82-127	
Tetrachloroethene	20.0	25.9	78	1	30	70-127	
Toluene	20.0	19.4	97	1	30	78-120	
trans-1,2-Dichloroethene	20.0	18.7	93	1	30	70-126	
trans-1,3-Dichloropropene	20.0	21.4	107	0	30	71-127	
Trichloroethene	20.0	19.2	96	1	30	73-121	
Vinyl chloride	20.0	18.4	92	0	30	55-144	
Xylenes, Total	40.0	39.9	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab File ID: TT857248.D Lab Sample ID: MB 460-1000443/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 10/09/2024 08:49

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1000443/4	TT857243.D	10/09/2024 07:12
	LCSD 460-1000443/6	TT857245.D	10/09/2024 07:50
A-02 MS	460-312971-5 MS	TT857263.D	10/09/2024 14:02
A-02 MSD	460-312971-5 MSD	TT857264.D	10/09/2024 14:21
A-02	460-312971-5	TT857266.D	10/09/2024 15:00
ME-8	460-312971-2	TT857267.D	10/09/2024 15:20
ME-13	460-312971-3	TT857268.D	10/09/2024 15:39
A-06	460-312971-6	TT857270.D	10/09/2024 16:18
A-066	460-312971-7	TT857271.D	10/09/2024 16:38
A-07	460-312971-9	TT857272.D	10/09/2024 16:57
A-05	460-312971-10	TT857273.D	10/09/2024 17:17
A-10	460-312971-11	TT857274.D	10/09/2024 17:36
A-08	460-312971-8	TT857275.D	10/09/2024 17:56

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab File ID: TT857283.D Lab Sample ID: MB 460-1000575/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 10/09/2024 20:19

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1000575/4	TT857279.D	10/09/2024 19:01
	LCSD 460-1000575/5	TT857280.D	10/09/2024 19:20
FB1003	460-312971-12	TT857288.D	10/09/2024 21:56
Trip Blank	460-312971-13	TT857289.D	10/09/2024 22:15
MW-113	460-312971-4	TT857290.D	10/09/2024 22:35
A-15	460-312971-1	TT857291.D	10/09/2024 22:54

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab File ID: K65067.D Lab Sample ID: MB 460-1001940/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS9 Date Analyzed: 10/17/2024 11:20

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1001940/3	K65061.D	10/17/2024 08:56
	LCSD 460-1001940/6	K65064.D	10/17/2024 10:08
A-09	460-312971-14	K65068.D	10/17/2024 11:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab File ID: TT85349.D BFB Injection Date: 09/20/2024

Instrument ID: CVOAMS17 BFB Injection Time: 10:21

Analysis Batch No.: 997049

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (111.1) 1
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.9 (1.0) 1
174	50 - 200% of m/z 95	90.0
175	5 - 9% of m/z 174	6.6 (7.3) 1
176	95 -105% of m/z 174	86.9 (96.5) 1
177	5 - 10% of m/z 176	5.6 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-997049/3	TT85351.D	09/20/2024	11:04
	STD05 460-997049/4	TT85352.D	09/20/2024	11:23
	STD1 460-997049/5	TT85353.D	09/20/2024	11:43
	STD5 460-997049/6	TT85354.D	09/20/2024	12:02
	STD20 460-997049/7	TT85355.D	09/20/2024	12:22
	STD50 460-997049/8	TT85356.D	09/20/2024	12:41
	STD200 460-997049/9	TT85357.D	09/20/2024	13:01
	STD500 460-997049/10	TT85358.D	09/20/2024	13:20
	ICV 460-997049/16	TT85364.D	09/20/2024	15:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab File ID: K64388.D BFB Injection Date: 09/28/2024

Instrument ID: CVOAMS9 BFB Injection Time: 04:26

Analysis Batch No.: 998454

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (124.9) 1
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8 (1.0) 1
174	50 - 200% of m/z 95	80.1
175	5 - 9% of m/z 174	4.8 (6.0) 1
176	95 -105% of m/z 174	77.9 (97.2) 1
177	5 - 10% of m/z 176	4.7 (6.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-998454/3	K64390.D	09/28/2024	5:13
	STD1 460-998454/4	K64391.D	09/28/2024	5:37
	STD5 460-998454/5	K64392.D	09/28/2024	7:31
	STD20 460-998454/6	K64393.D	09/28/2024	7:55
	STD50 460-998454/7	K64394.D	09/28/2024	8:19
	STD200 460-998454/8	K64395.D	09/28/2024	8:43
	STD500 460-998454/9	K64396.D	09/28/2024	9:06
	ICV 460-998454/16	K64403.D	09/28/2024	11:56

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: STD20 460-997049/7 Date Analyzed: 09/20/2024 12:22

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85355.D Heated Purge: (Y/N) N

Calibration ID: 98690

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		33651	2.83	235697	3.83	728192	4.89
UPPER LIMIT		67302	3.33	471394	4.33	1456384	5.39
LOWER LIMIT		16826	2.33	117849	3.33	364096	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-997049/16		36141	2.83	246906	3.83	774251	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: STD20 460-997049/7 Date Analyzed: 09/20/2024 12:22

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85355.D Heated Purge: (Y/N) N

Calibration ID: 98690

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23860	5.56	510859	8.26	285237	10.92
UPPER LIMIT		47720	6.06	1021718	8.76	570474	11.42
LOWER LIMIT		11930	5.06	255430	7.76	142619	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-997049/16		26185	5.56	534583	8.26	295050	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1000443/3 Date Analyzed: 10/09/2024 06:44

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT857242.D Heated Purge: (Y/N) N

Calibration ID: 98690

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		30506	2.84	229902	3.83	532389	4.89
UPPER LIMIT		61012	3.34	459804	4.33	1064778	5.39
LOWER LIMIT		15253	2.34	114951	3.33	266195	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1000443/4		34095	2.84	252027	3.84	578156	4.89
LCSD 460-1000443/6		34762	2.83	258684	3.83	593231	4.89
MB 460-1000443/9		34605	2.84	256331	3.83	573983	4.89
460-312971-5 MS	A-02 MS	44050	2.85	326608	3.84	697848	4.89
460-312971-5 MSD	A-02 MSD	42953	2.85	328601	3.84	695028	4.89
460-312971-5	A-02	38987	2.84	294099	3.83	660675	4.89
460-312971-2	ME-8	39330	2.83	305935	3.84	671966	4.89
460-312971-3	ME-13	38959	2.83	285120	3.83	625214	4.89
460-312971-6	A-06	37284	2.84	289503	3.84	635640	4.89
460-312971-7	A-066	36269	2.84	269378	3.84	599826	4.89
460-312971-9	A-07	33661	2.82	254910	3.83	594176	4.89
460-312971-10	A-05	34332	2.83	255081	3.83	597722	4.89
460-312971-11	A-10	35353	2.84	258785	3.83	594734	4.89
460-312971-8	A-08	34280	2.83	252615	3.83	592820	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1000443/3 Date Analyzed: 10/09/2024 06:44

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT857242.D Heated Purge: (Y/N) N

Calibration ID: 98690

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20587	5.55	376059	8.26	206698	10.92
UPPER LIMIT		41174	6.05	752118	8.76	413396	11.42
LOWER LIMIT		10294	5.05	188030	7.76	103349	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1000443/4		20102	5.56	412992	8.26	229014	10.92
LCSD 460-1000443/6		22086	5.55	422939	8.26	229800	10.92
MB 460-1000443/9		21381	5.56	404959	8.26	218218	10.92
460-312971-5 MS	A-02 MS	25971	5.56	483540	8.26	254755	10.92
460-312971-5 MSD	A-02 MSD	26492	5.56	505200	8.26	268686	10.92
460-312971-5	A-02	23712	5.56	451347	8.26	236755	10.92
460-312971-2	ME-8	25819	5.56	482287	8.26	248639	10.92
460-312971-3	ME-13	23330	5.56	444764	8.26	232026	10.92
460-312971-6	A-06	23068	5.56	457444	8.26	242023	10.92
460-312971-7	A-066	21625	5.56	427257	8.26	223027	10.92
460-312971-9	A-07	21774	5.56	420980	8.26	222507	10.92
460-312971-10	A-05	22748	5.56	422173	8.26	221162	10.92
460-312971-11	A-10	21967	5.56	422521	8.26	217873	10.92
460-312971-8	A-08	21042	5.56	420498	8.26	216777	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1000575/2 Date Analyzed: 10/09/2024 18:22

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT857277.D Heated Purge: (Y/N) N

Calibration ID: 98690

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32951	2.83	247908	3.83	598556	4.89
UPPER LIMIT		65902	3.33	495816	4.33	1197112	5.39
LOWER LIMIT		16476	2.33	123954	3.33	299278	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1000575/4		36698	2.84	260781	3.83	605783	4.89
LCSD 460-1000575/5		35765	2.85	260136	3.83	611206	4.89
MB 460-1000575/8		37499	2.84	259950	3.83	593192	4.89
460-312971-12	FB1003	34717	2.83	251981	3.84	600759	4.89
460-312971-13	Trip Blank	33255	2.84	250545	3.83	583663	4.89
460-312971-4	MW-113	33939	2.84	261637	3.84	604930	4.89
460-312971-1	A-15	31772	2.84	238568	3.83	568206	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1000575/2 Date Analyzed: 10/09/2024 18:22

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT857277.D Heated Purge: (Y/N) N

Calibration ID: 98690

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20730	5.56	430026	8.26	236182	10.92
UPPER LIMIT		41460	6.06	860052	8.76	472364	11.42
LOWER LIMIT		10365	5.06	215013	7.76	118091	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1000575/4		25061	5.56	426337	8.26	236036	10.92
LCSD 460-1000575/5		23051	5.56	440657	8.26	238832	10.92
MB 460-1000575/8		23729	5.55	420223	8.26	226879	10.92
460-312971-12	FB1003	22268	5.56	409375	8.26	216804	10.92
460-312971-13	Trip Blank	22537	5.56	403697	8.26	217132	10.92
460-312971-4	MW-113	23342	5.56	424632	8.26	226152	10.92
460-312971-1	A-15	20411	5.56	404042	8.26	213890	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: STD20 460-998454/6 Date Analyzed: 09/28/2024 07:55

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K64393.D Heated Purge: (Y/N) N

Calibration ID: 98763

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		395118	2.03	327617	2.75	545227	3.69
UPPER LIMIT		790236	2.53	655234	3.25	1090454	4.19
LOWER LIMIT		197559	1.53	163809	2.25	272614	3.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-998454/16		413896	2.02	334050	2.75	560829	3.69

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: STD20 460-998454/6 Date Analyzed: 09/28/2024 07:55

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K64393.D Heated Purge: (Y/N) N

Calibration ID: 98763

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		33409	4.31	397998	7.11	234154	10.61
UPPER LIMIT		66818	4.81	795996	7.61	468308	11.11
LOWER LIMIT		16705	3.81	198999	6.61	117077	10.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-998454/16		32923	4.31	415317	7.11	240525	10.61

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1001940/2 Date Analyzed: 10/17/2024 08:31

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K65060.D Heated Purge: (Y/N) N

Calibration ID: 98763

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		459924	2.05	309332	2.75	477027	3.69
UPPER LIMIT		919848	2.55	618664	3.25	954054	4.19
LOWER LIMIT		229962	1.55	154666	2.25	238514	3.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1001940/3		431114	2.06	277559	2.75	434109	3.69
LCSD 460-1001940/6		386404	2.05	263709	2.75	431261	3.69
MB 460-1001940/9		339225	2.03	231322	2.74	392021	3.69
460-312971-14	A-09	351020	2.03	243425	2.75	407139	3.69

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Sample No.: CCVIS 460-1001940/2 Date Analyzed: 10/17/2024 08:31

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K65060.D Heated Purge: (Y/N) N

Calibration ID: 98763

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		38878	4.31	448451	7.11	283627	10.61
UPPER LIMIT		77756	4.81	896902	7.61	567254	11.11
LOWER LIMIT		19439	3.81	224226	6.61	141814	10.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1001940/3		36249	4.32	420444	7.11	261431	10.59
LCSD 460-1001940/6		32247	4.32	425010	7.11	259764	10.59
MB 460-1001940/9		28353	4.31	383914	7.11	233902	10.59
460-312971-14	A-09	28394	4.32	401749	7.11	247880	10.61

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-312971-1

Matrix: Water | Lab File ID: TT857291.D

Analysis Method: 8260D | Date Collected: 10/03/2024 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	27		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-312971-1

Matrix: Water | Lab File ID: TT857291.D

Analysis Method: 8260D | Date Collected: 10/03/2024 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D
Lims ID: 460-312971-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 09-Oct-2024 22:54:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-1
Misc. Info.: 460-0181961-016
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 18:56:05 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 10-Oct-2024 06:26:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.826	0.012	0	31772	1000.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	238568	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	137814	51.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	159400	58.7	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	568206	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	20411	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	530095	48.1	
88 Tetrachloroethene	166	7.185	7.179	0.006	98	86157	27.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	404042	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	91	161115	48.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	213890	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 19:00:15 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D

Injection Date: 09-Oct-2024 22:54:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-1 Lab Sample ID: 460-312971-1

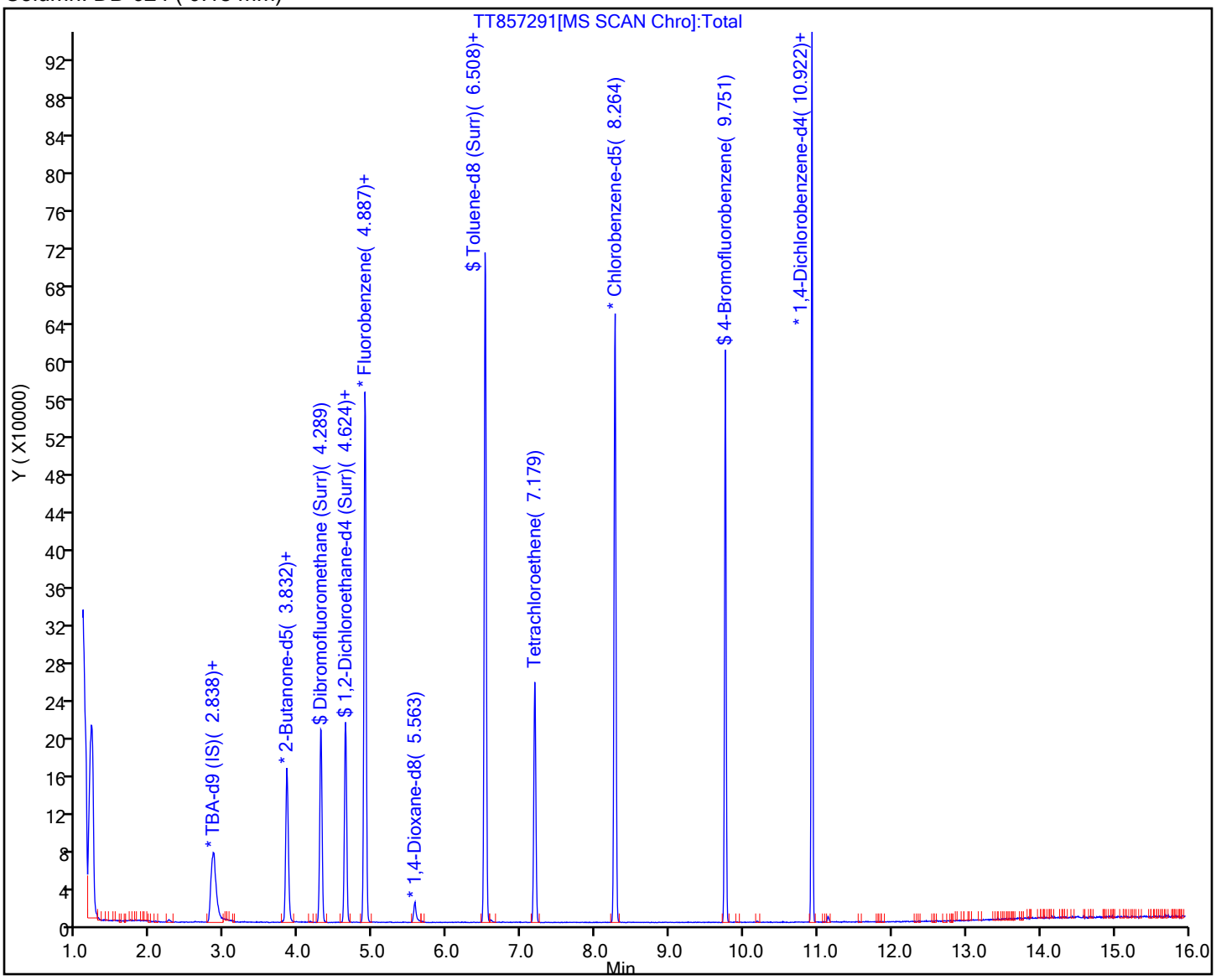
Client ID: A-15

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D
Lims ID: 460-312971-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 09-Oct-2024 22:54:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-1
Misc. Info.: 460-0181961-016
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 18:56:05 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

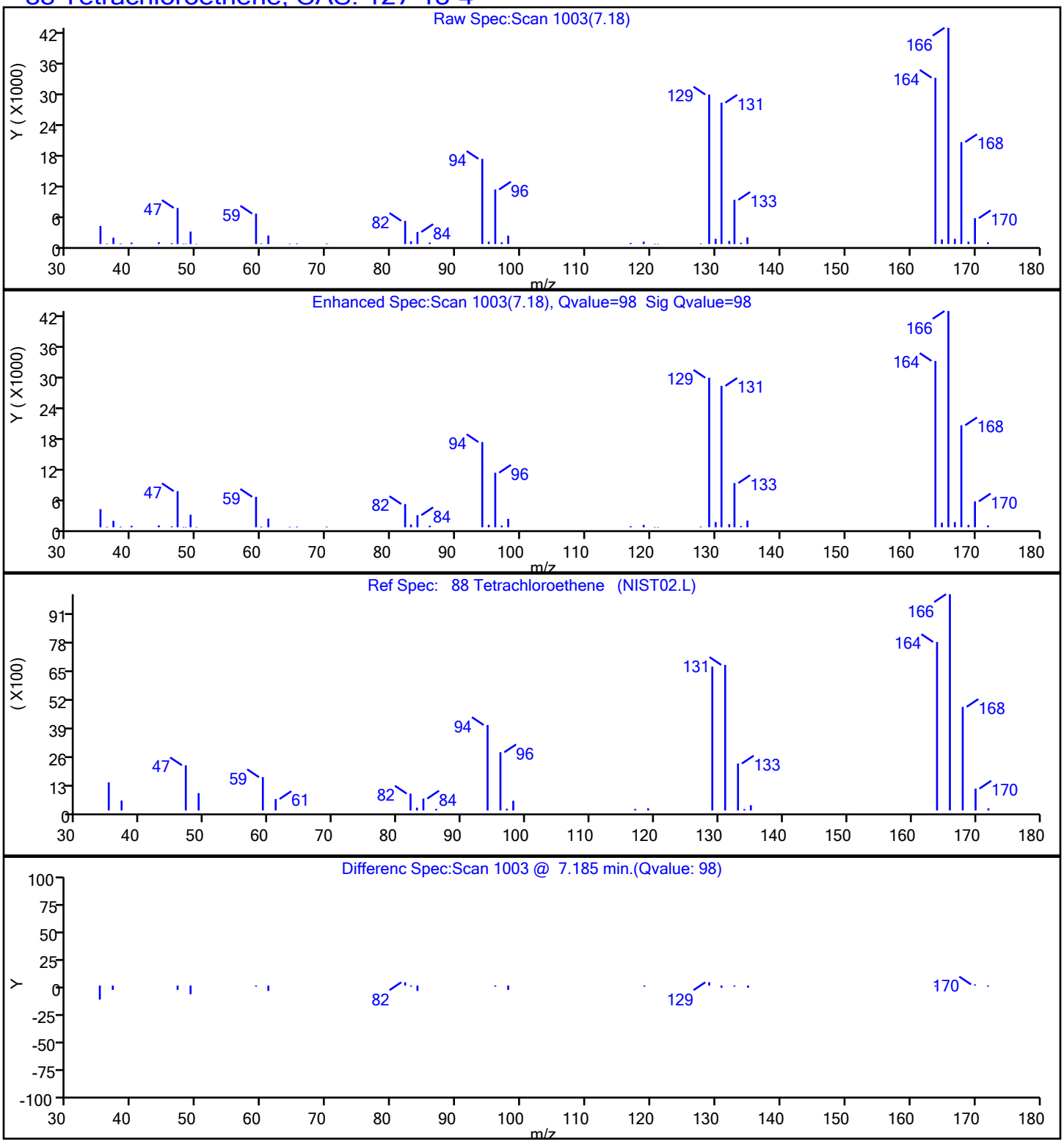
First Level Reviewer: FK2C Date: 10-Oct-2024 06:26:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.52
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.7	117.35
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.27
$ 105 4-Bromofluorobenzene	50.0	48.1	96.23

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D		
Injection Date:	09-Oct-2024 22:54:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-1	Lab Sample ID:	460-312971-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



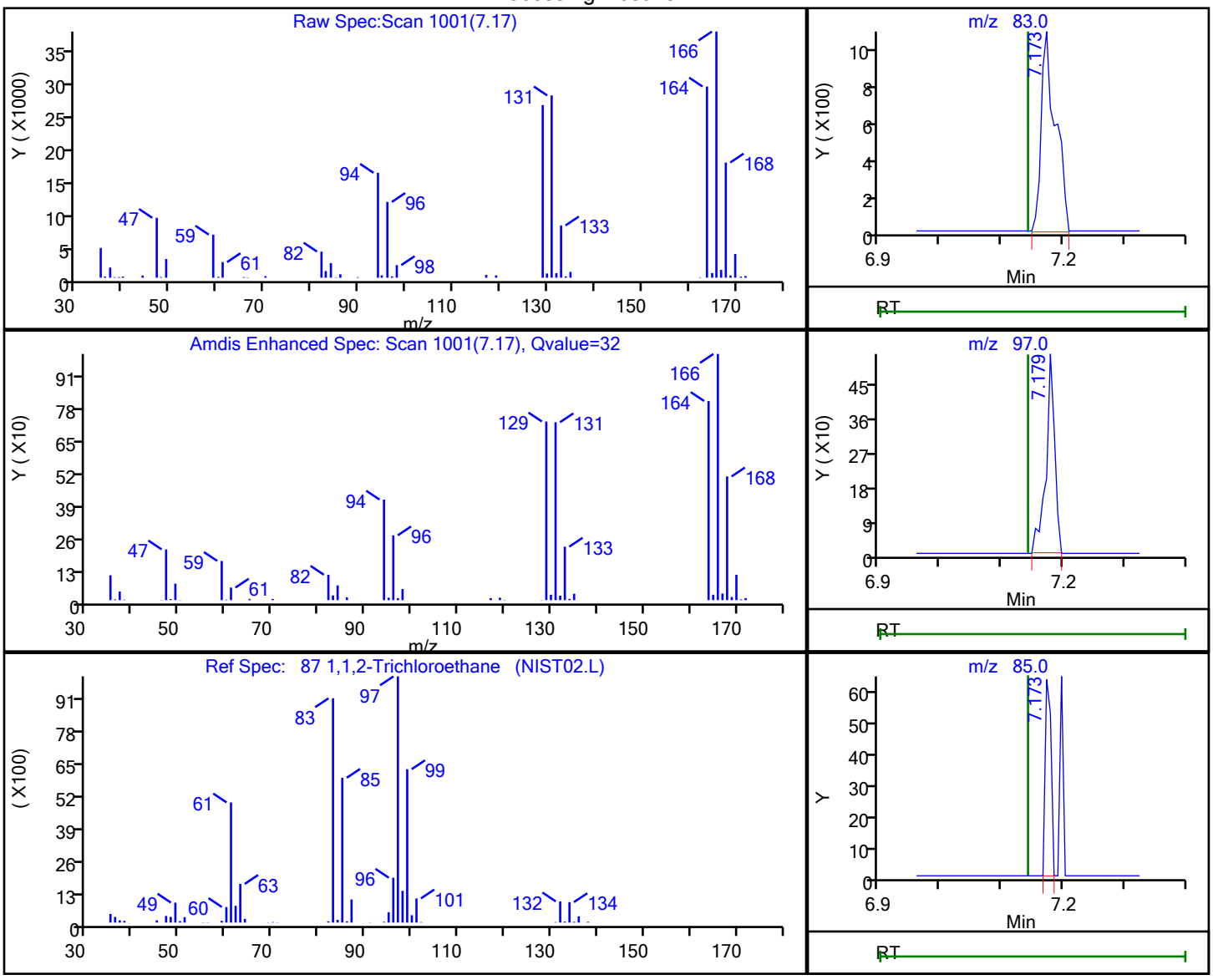
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D				
Injection Date:	09-Oct-2024 22:54:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-1	Lab Sample ID:	460-312971-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.17	83.00	1657	0.851250
7.18	97.00	523	
7.17	85.00	43	

Reviewer: FK2C, 10-Oct-2024 06:26:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

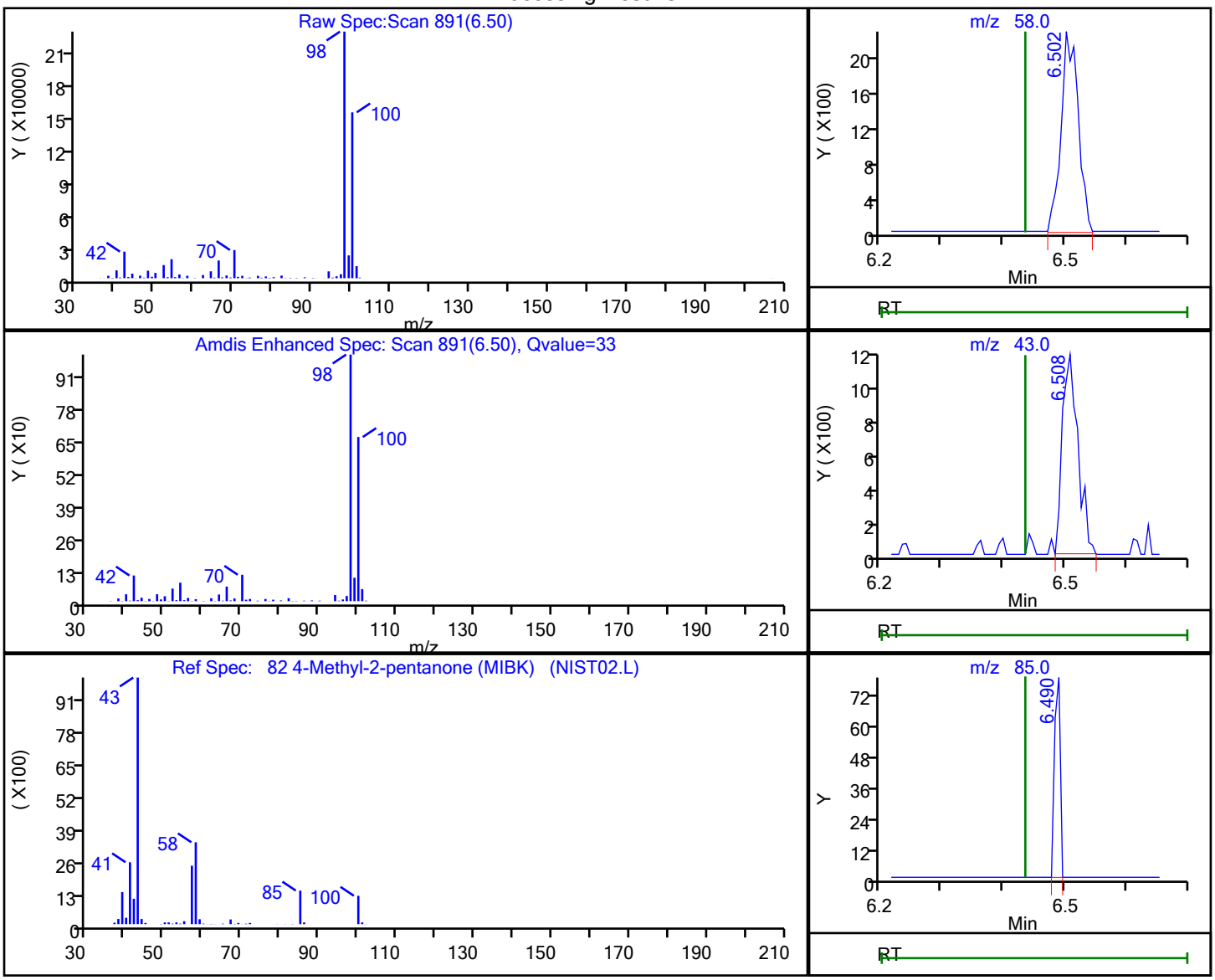
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857291.D				
Injection Date:	09-Oct-2024 22:54:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-1	Lab Sample ID:	460-312971-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.50	58.00	4391	4.602566
6.51	43.00	2116	
6.49	85.00	52	
6.51	100.00	351132	

Reviewer: FK2C, 10-Oct-2024 06:26:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-312971-2

Matrix: Water | Lab File ID: TT857267.D

Analysis Method: 8260D | Date Collected: 10/03/2024 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	42		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-312971-2

Matrix: Water | Lab File ID: TT857267.D

Analysis Method: 8260D | Date Collected: 10/03/2024 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D
Lims ID: 460-312971-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 09-Oct-2024 15:20:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-2
Misc. Info.: 460-0181932-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	39330	1000.0	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	305935	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	157323	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	180075	56.1	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	671966	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	25819	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.508	0.006	100	631865	48.1	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	159163	41.8	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	482287	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	190189	47.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	248639	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 16:58:52 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D

Injection Date: 09-Oct-2024 15:20:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-2 Lab Sample ID: 460-312971-2

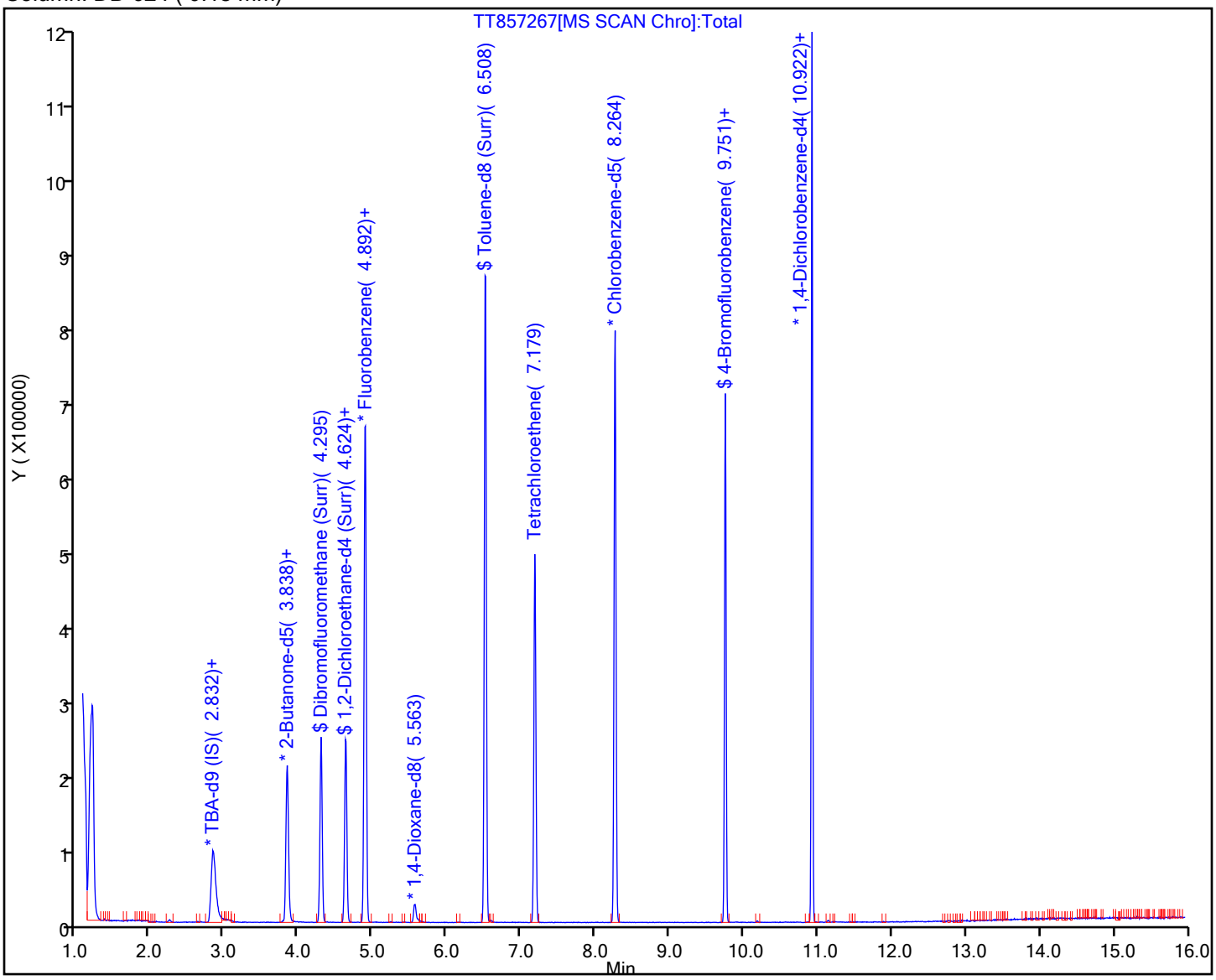
Client ID: ME-8

Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D
Lims ID: 460-312971-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 09-Oct-2024 15:20:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-2
Misc. Info.: 460-0181932-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

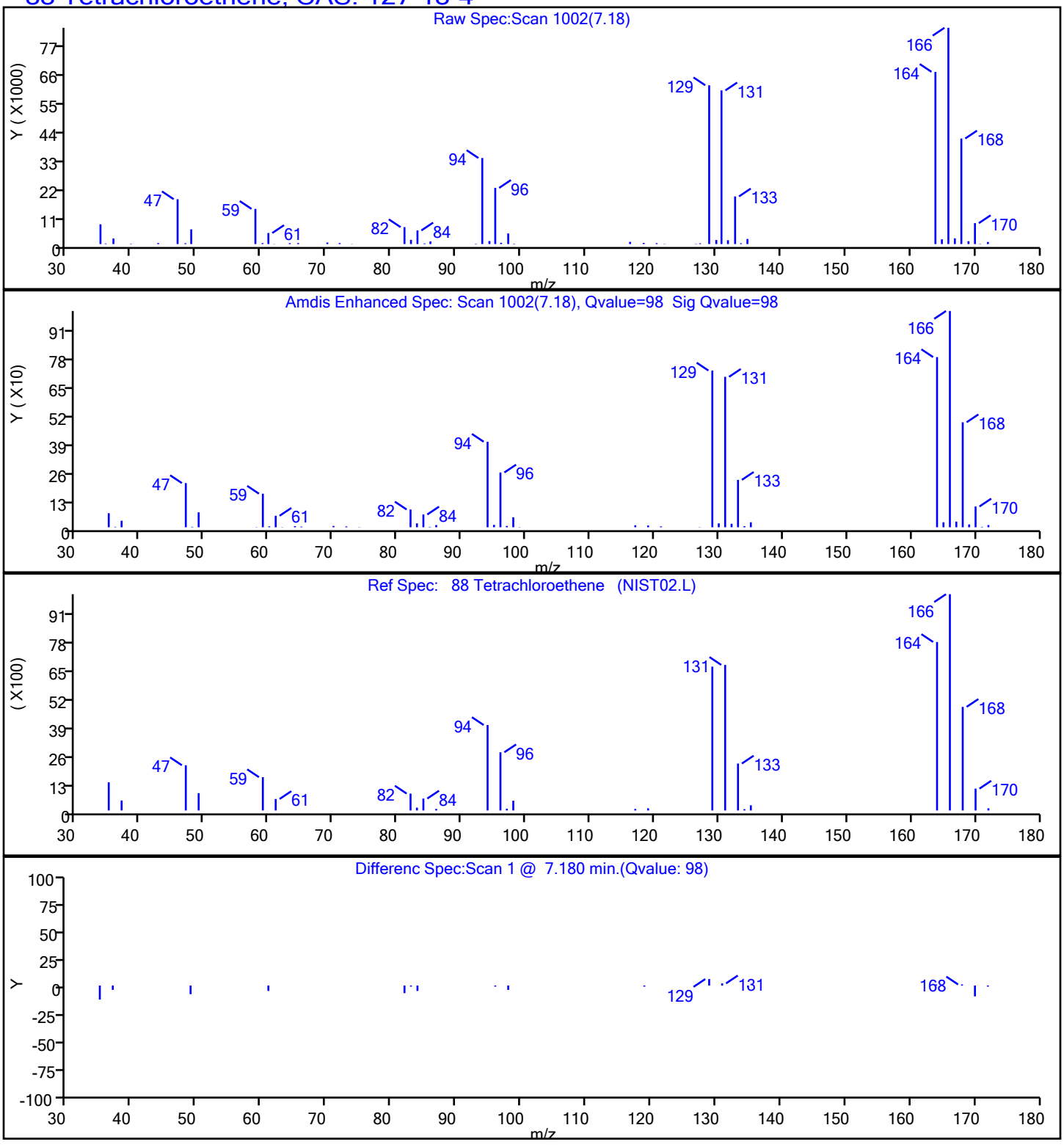
First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.0	99.92
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.1	112.10
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.14
$ 105 4-Bromofluorobenzene	50.0	47.6	95.17

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D		
Injection Date:	09-Oct-2024 15:20:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-2	Lab Sample ID:	460-312971-2
Client ID:	ME-8		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



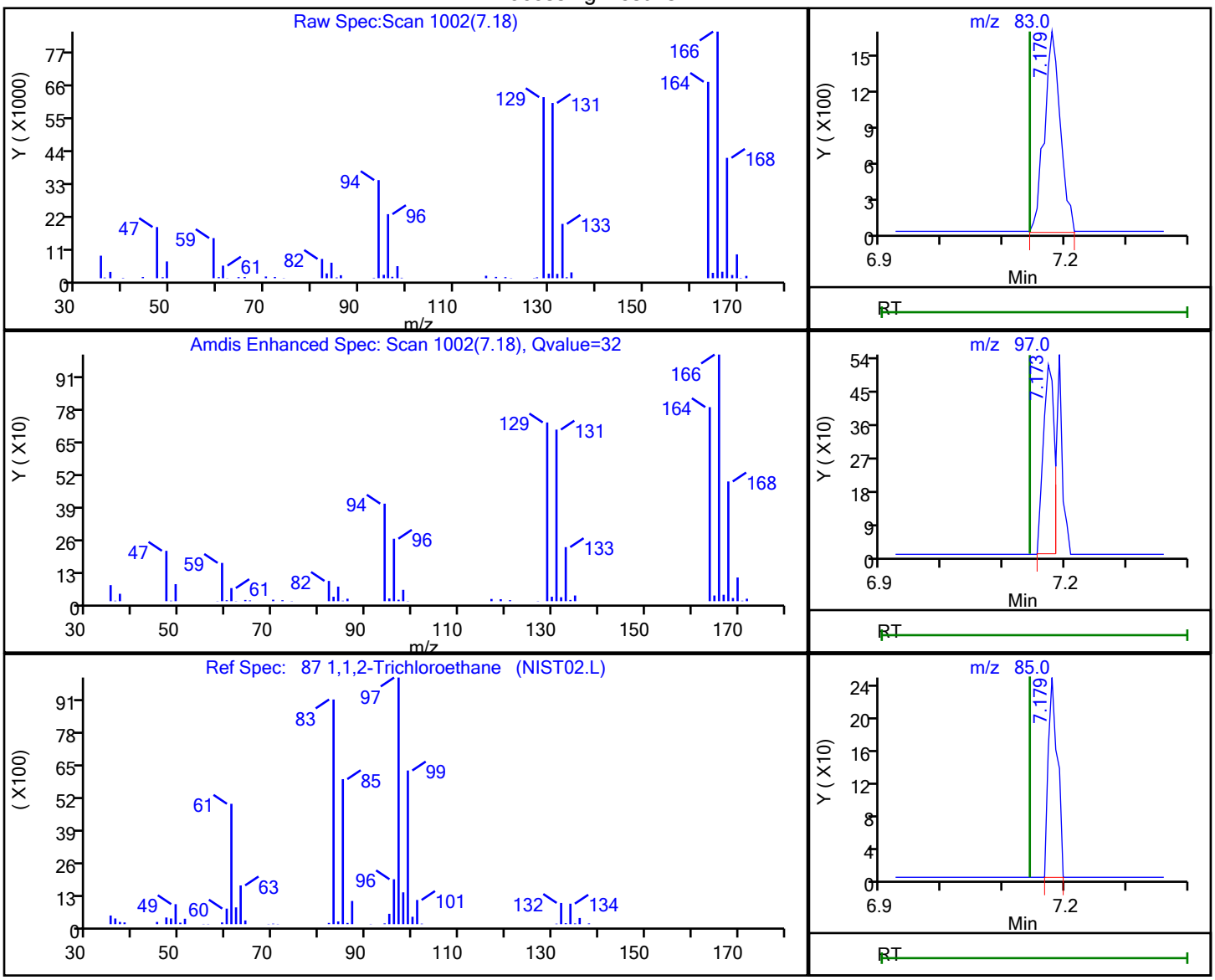
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D				
Injection Date:	09-Oct-2024 15:20:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-2	Lab Sample ID:	460-312971-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	2897	1.246820
7.17	97.00	656	
7.18	85.00	253	

Reviewer: C1JX, 09-Oct-2024 16:23:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

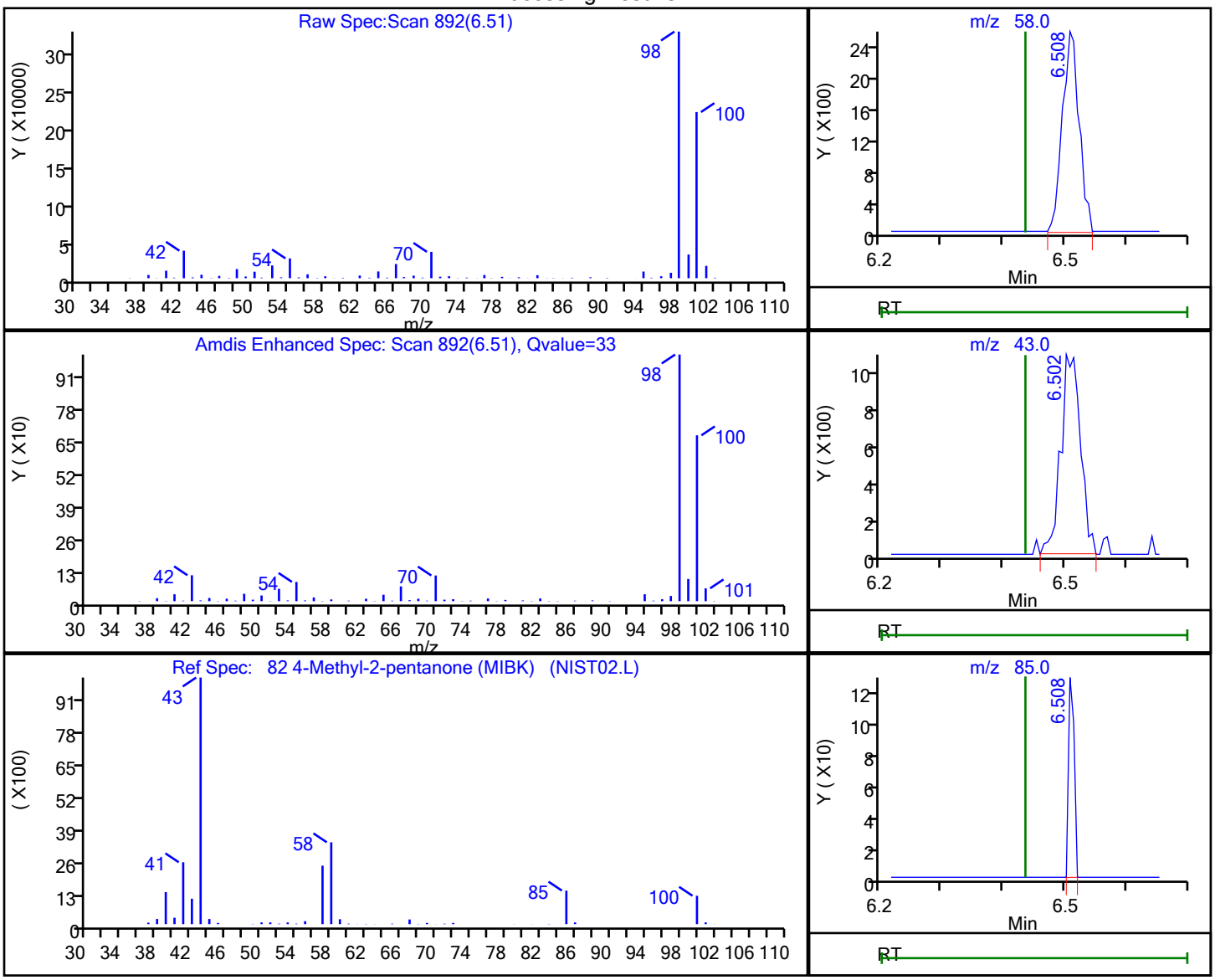
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857267.D				
Injection Date:	09-Oct-2024 15:20:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-2	Lab Sample ID:	460-312971-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	4804	3.926654
6.50	43.00	2408	
6.51	85.00	80	
6.51	100.00	420775	

Reviewer: C1JX, 09-Oct-2024 16:23:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-312971-3

Matrix: Water | Lab File ID: TT857268.D

Analysis Method: 8260D | Date Collected: 10/03/2024 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	6.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	57		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-312971-3

Matrix: Water | Lab File ID: TT857268.D

Analysis Method: 8260D | Date Collected: 10/03/2024 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	7.0		1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D
Lims ID: 460-312971-A-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 09-Oct-2024 15:39:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-3
Misc. Info.: 460-0181932-029
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.552	1.546	0.006	98	27565	6.97	
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	38959	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	285120	250.0	
44 cis-1,2-Dichloroethene	96	3.881	3.875	0.006	97	24257	6.25	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	148836	50.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	172849	57.8	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	625214	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	23330	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	591405	48.8	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	199517	56.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	444764	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	92	175812	47.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	232026	50.0	
S 136 1,2-Dichloroethene, Total	100				0		6.25	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 16:59:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D

Injection Date: 09-Oct-2024 15:39:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-3 Lab Sample ID: 460-312971-3

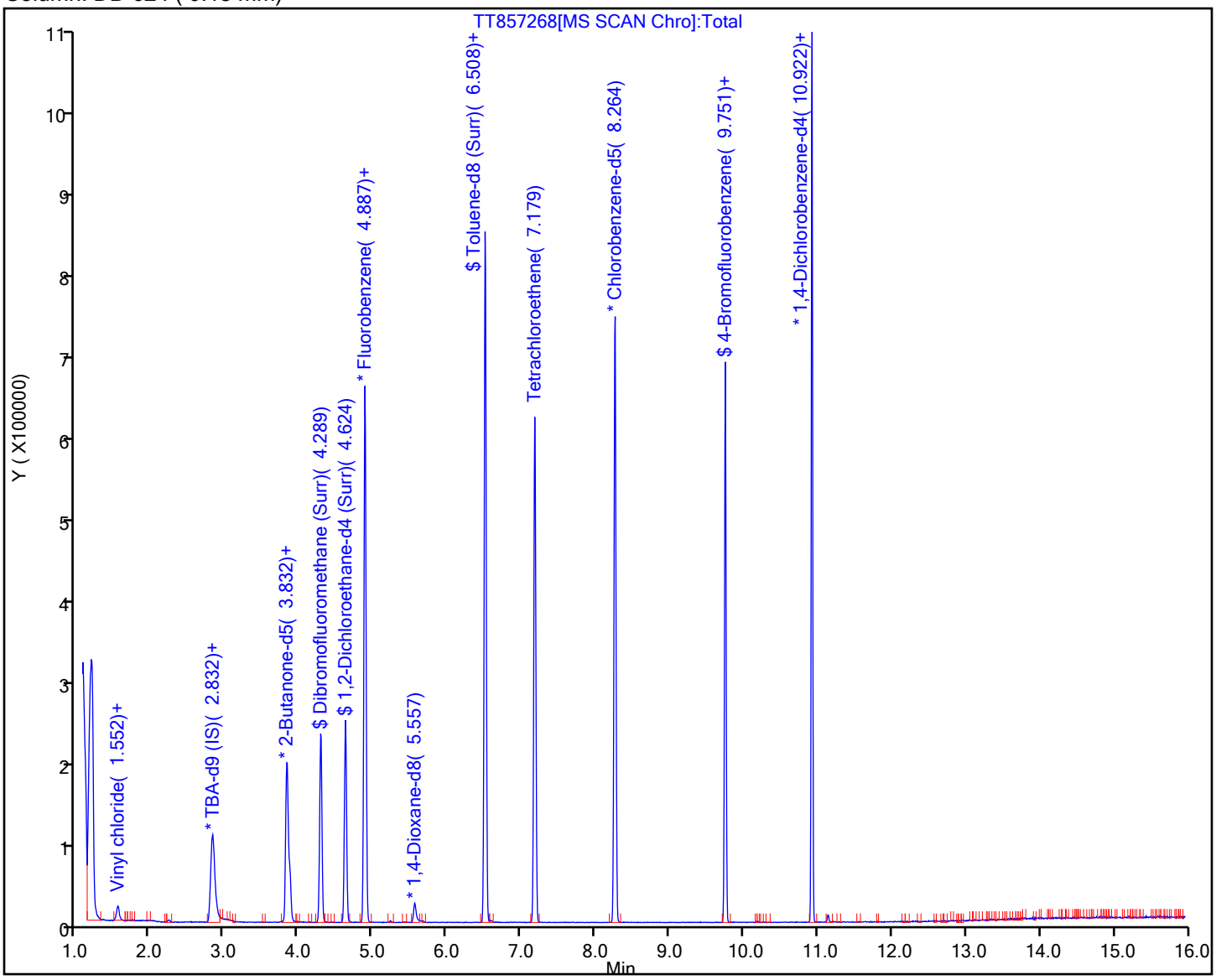
Client ID: ME-13

Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D
Lims ID: 460-312971-A-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 09-Oct-2024 15:39:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-3
Misc. Info.: 460-0181932-029
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.8	101.60
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.8	115.65
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.57
$ 105 4-Bromofluorobenzene	50.0	47.7	95.39

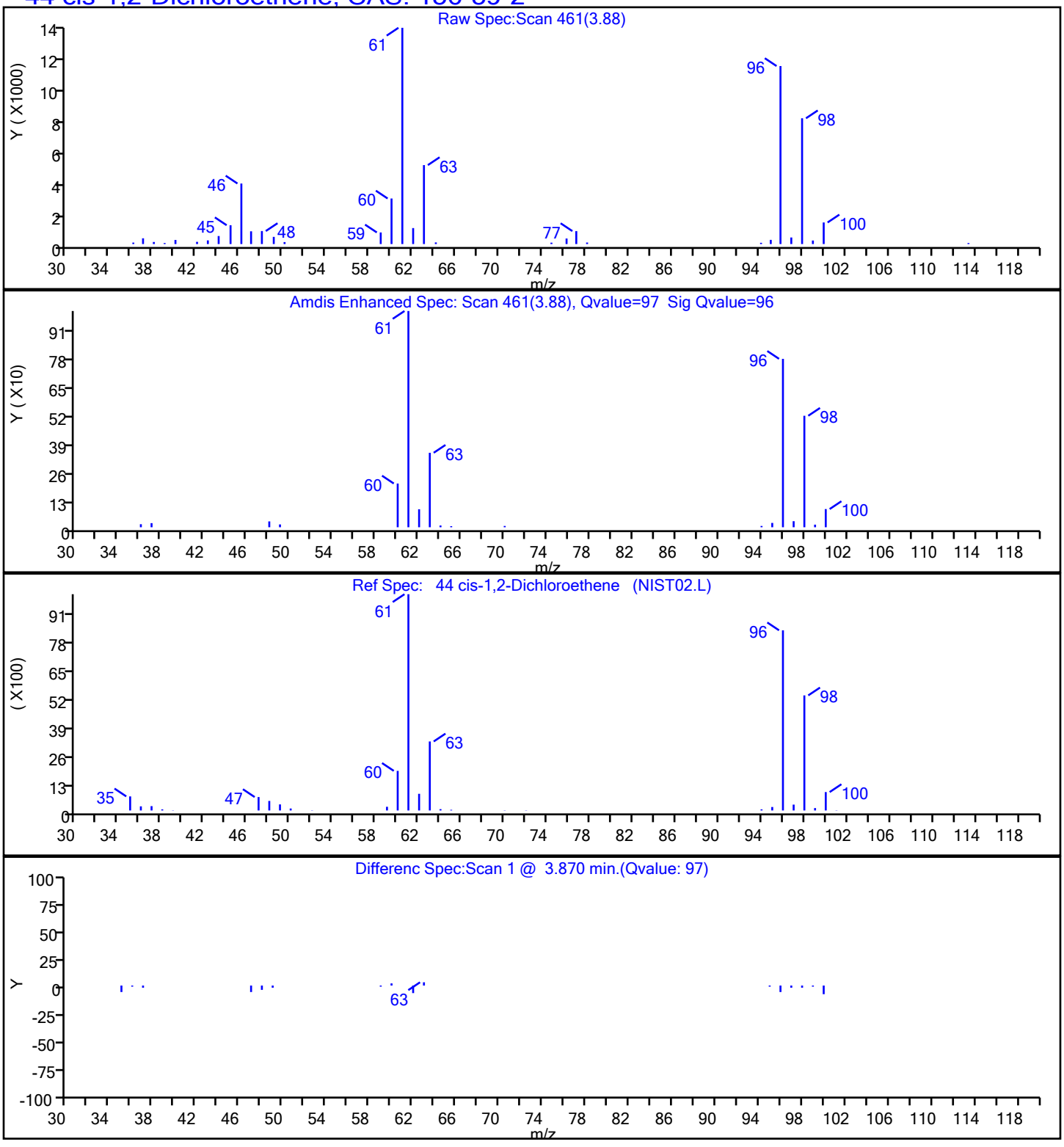
Report Date: 10-Oct-2024 16:59:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D

Injection Date:	09-Oct-2024 15:39:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-3	Lab Sample ID:	460-312971-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2



10/18/2024
12:59:41 PM

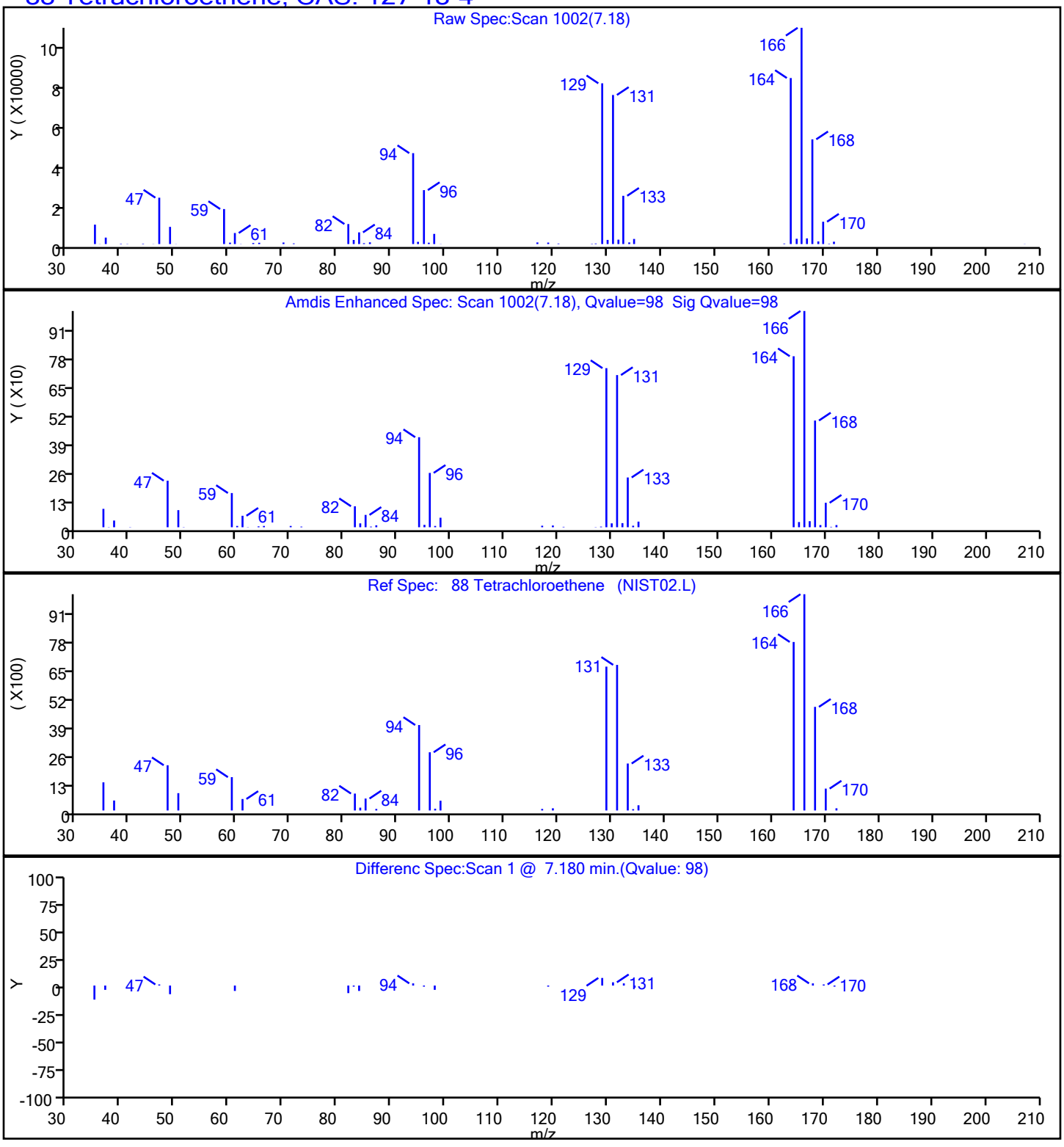
Report Date: 10-Oct-2024 16:59:10 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D

Injection Date:	09-Oct-2024 15:39:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-3	Lab Sample ID:	460-312971-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



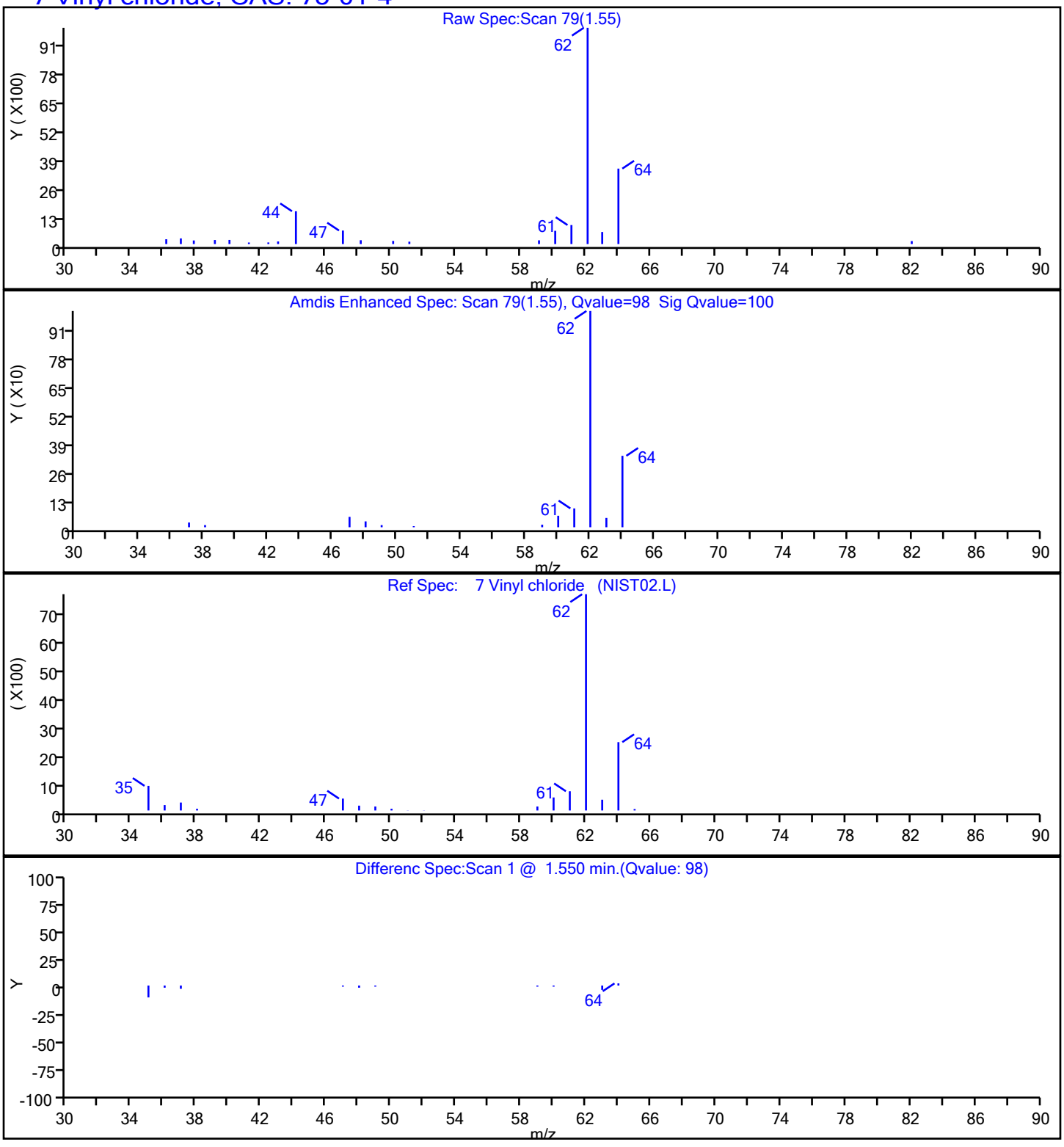
Report Date: 10-Oct-2024 16:59:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D

Injection Date:	09-Oct-2024 15:39:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-3	Lab Sample ID:	460-312971-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

7 Vinyl chloride, CAS: 75-01-4



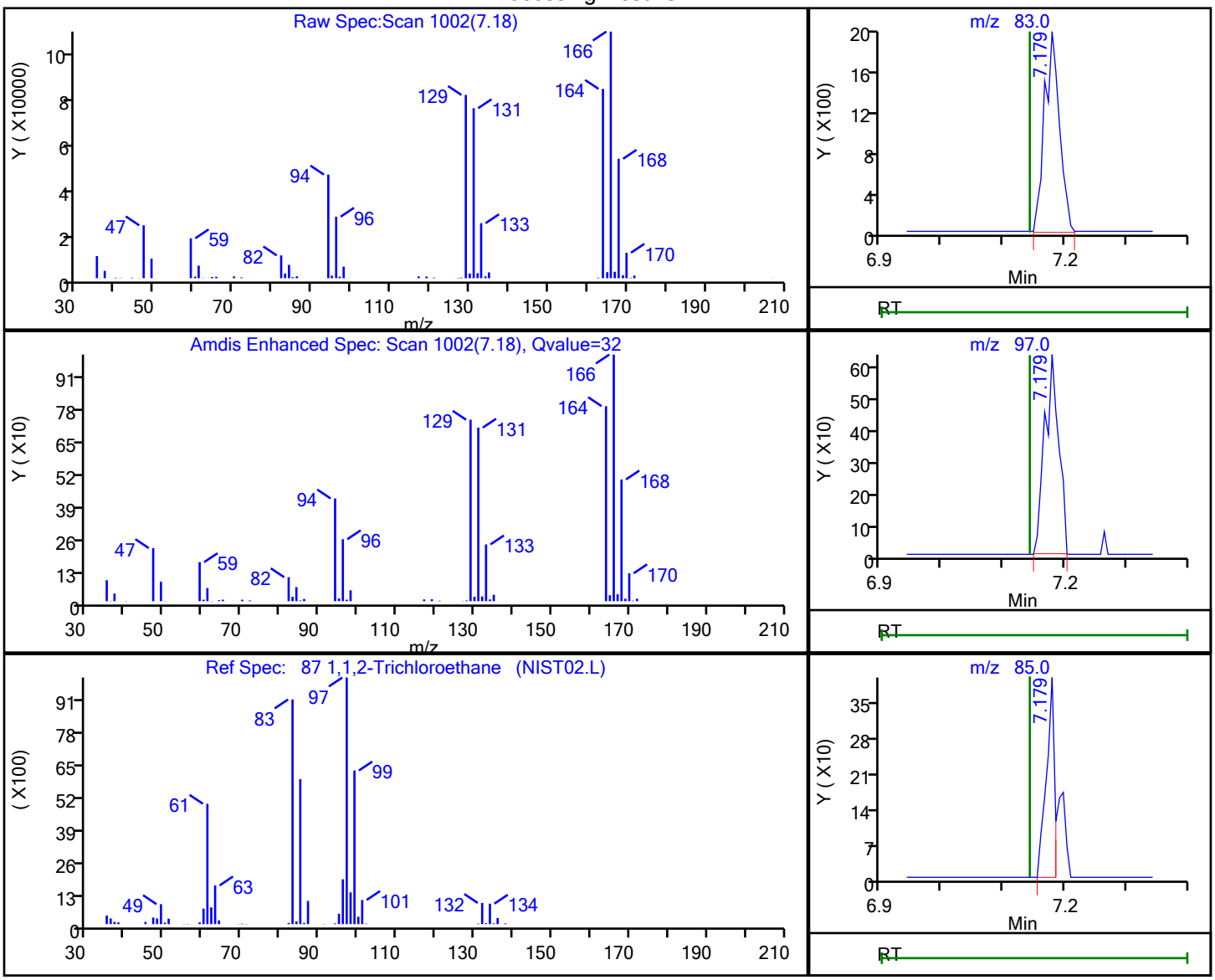
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D				
Injection Date:	09-Oct-2024 15:39:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-3	Lab Sample ID:	460-312971-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	3237	1.510685
7.18	97.00	1018	
7.18	85.00	368	

Reviewer: C1JX, 09-Oct-2024 16:23:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

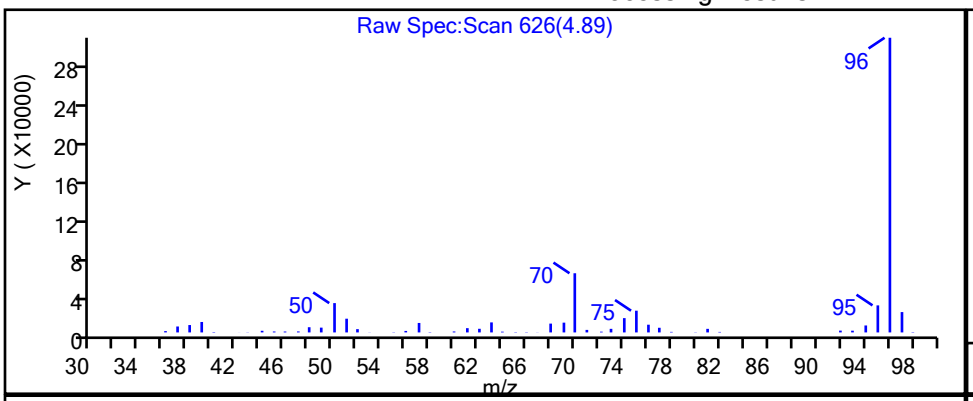
User Disabled Compound Report

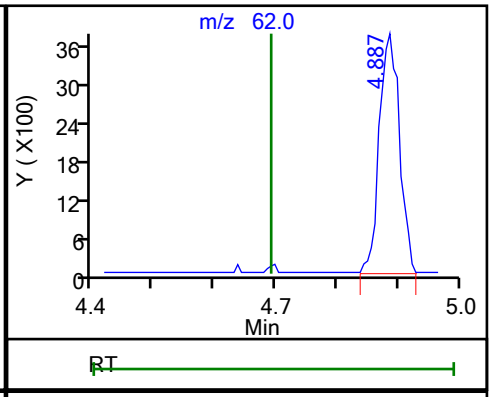
Eurofins Edison

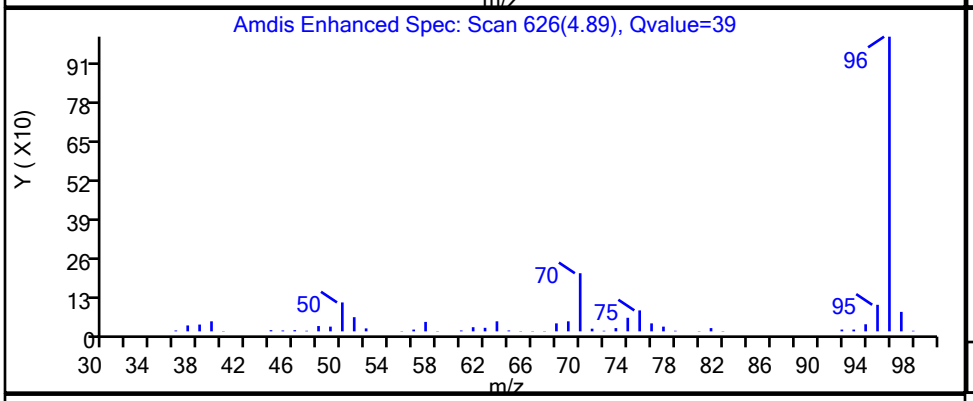
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857268.D				
Injection Date:	09-Oct-2024 15:39:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-3	Lab Sample ID:	460-312971-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

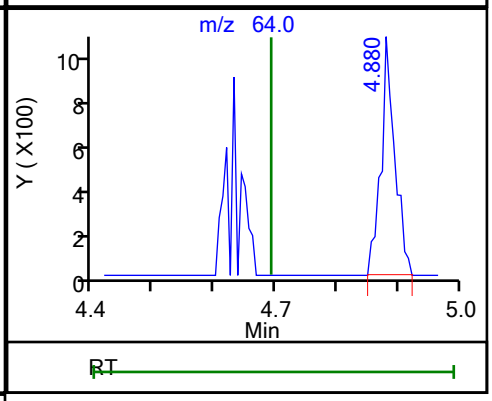
64 1,2-Dichloroethane, CAS: 107-06-2

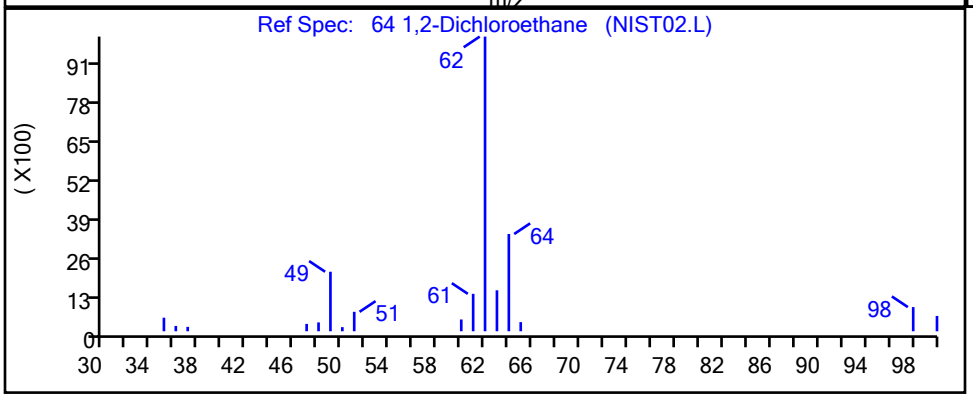
Processing Results











RT	Mass	Response	Amount
4.89	62.00	8533	2.301536
4.88	64.00	1632	

Reviewer: C1JX, 09-Oct-2024 16:23:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-312971-4

Matrix: Water | Lab File ID: TT857290.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.57	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-312971-4

Matrix: Water | Lab File ID: TT857290.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857290.D
Lims ID: 460-312971-B-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 09-Oct-2024 22:35:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-B-4
Misc. Info.: 460-0181961-015
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 18:56:05 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 10-Oct-2024 06:24:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.826	0.012	0	33939	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	261637	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	144586	51.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	169251	58.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	99	604930	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	23342	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.508	0.006	99	562435	48.6	
88 Tetrachloroethene	166	7.185	7.179	0.006	92	1895	0.5658	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	424632	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	91	165351	47.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	226152	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 19:00:01 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857290.D

Injection Date: 09-Oct-2024 22:35:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-B-4 Lab Sample ID: 460-312971-4

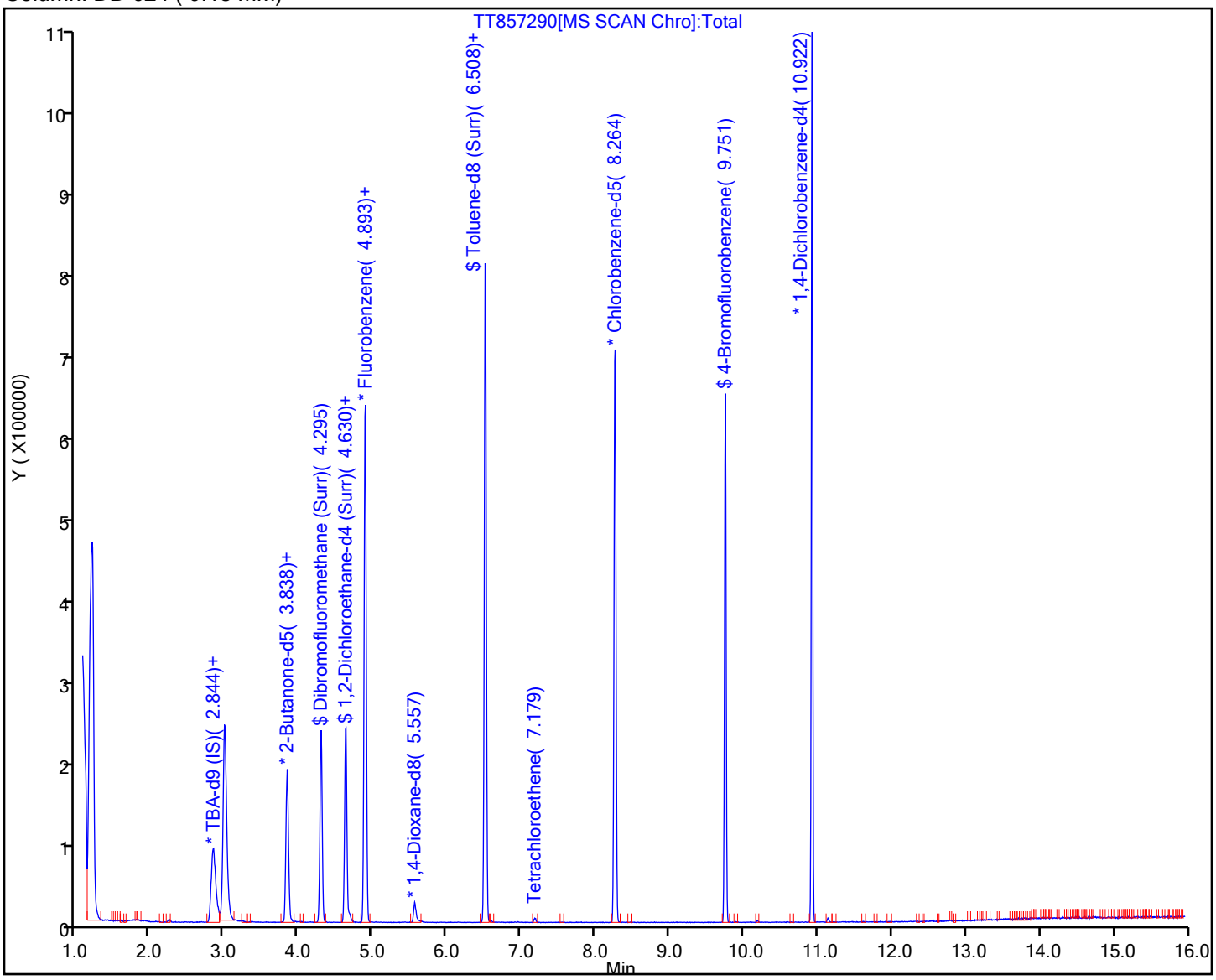
Client ID: MW-113

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857290.D				
Lims ID:	460-312971-B-4				
Client ID:	MW-113				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 22:35:30	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-B-4				
Misc. Info.:	460-0181961-015				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 18:56:05	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

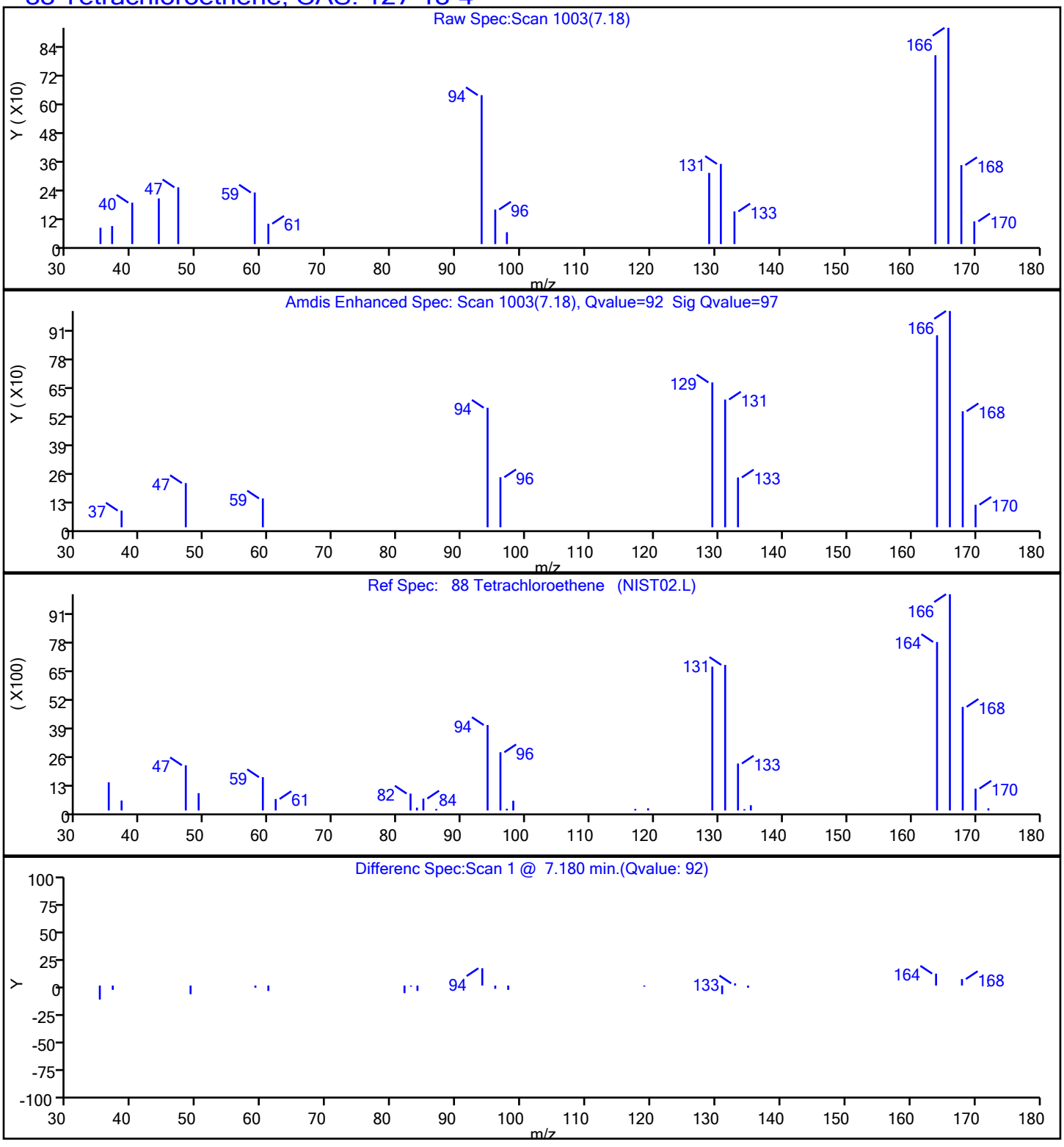
First Level Reviewer: FK2C Date: 10-Oct-2024 06:24:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.0	102.01
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.5	117.04
$ 83 Toluene-d8 (Surr)	50.0	48.6	97.19
$ 105 4-Bromofluorobenzene	50.0	47.0	93.97

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857290.D		
Injection Date:	09-Oct-2024 22:35:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-B-4	Lab Sample ID:	460-312971-4
Client ID:	MW-113		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-312971-5

Matrix: Water | Lab File ID: TT857266.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	10		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-312971-5

Matrix: Water | Lab File ID: TT857266.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857266.D
Lims ID: 460-312971-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 09-Oct-2024 15:00:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-5
Misc. Info.: 460-0181932-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	38987	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	294099	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	154938	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	181243	57.4	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	660675	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	23712	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	600417	48.8	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	36356	10.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	451347	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	177106	47.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	236755	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 16:58:30 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857266.D

Injection Date: 09-Oct-2024 15:00:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-5 Lab Sample ID: 460-312971-5

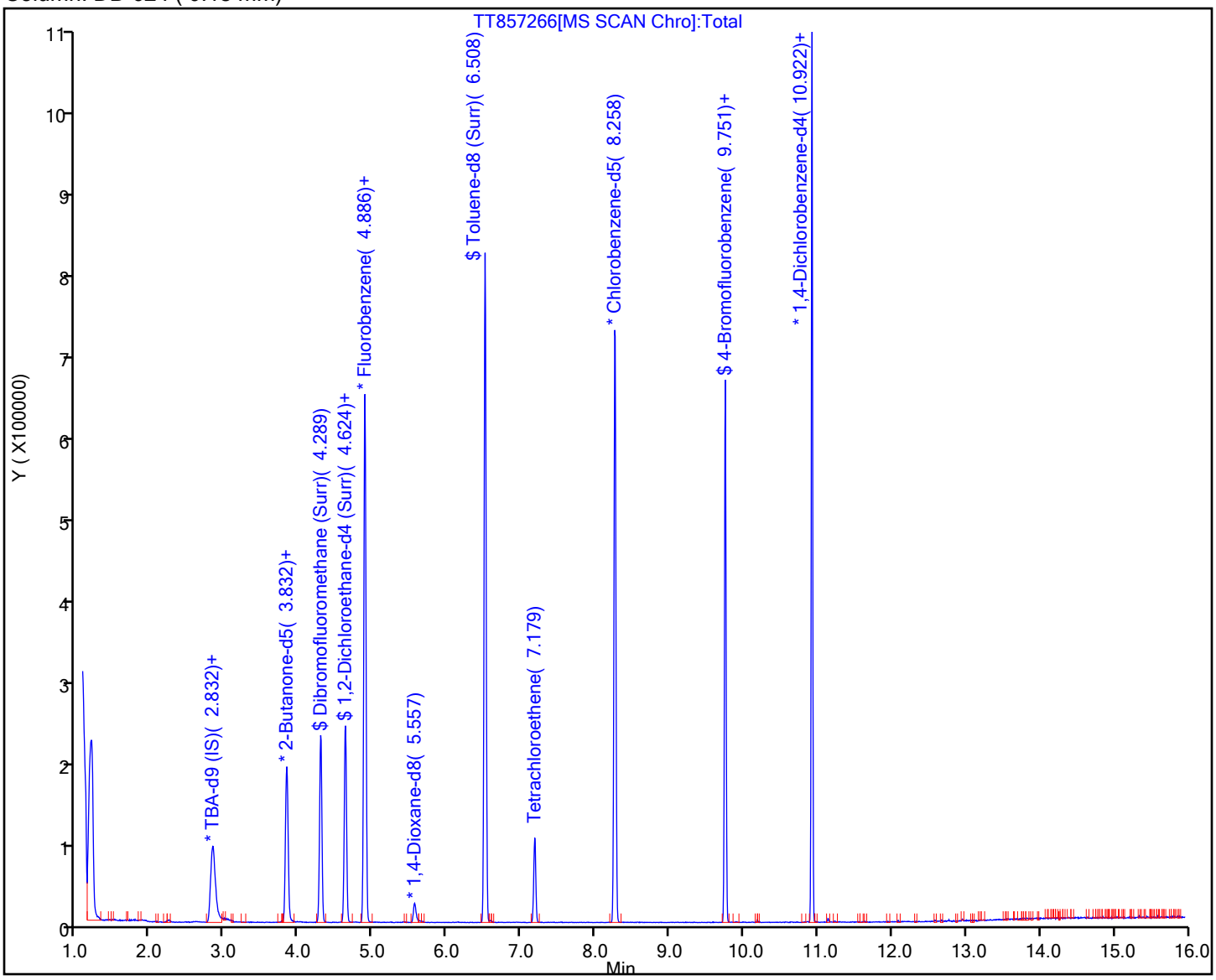
Client ID: A-02

Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857266.D				
Lims ID:	460-312971-A-5				
Client ID:	A-02				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 15:00:30	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-5				
Misc. Info.:	460-0181932-027				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 16:56:41	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

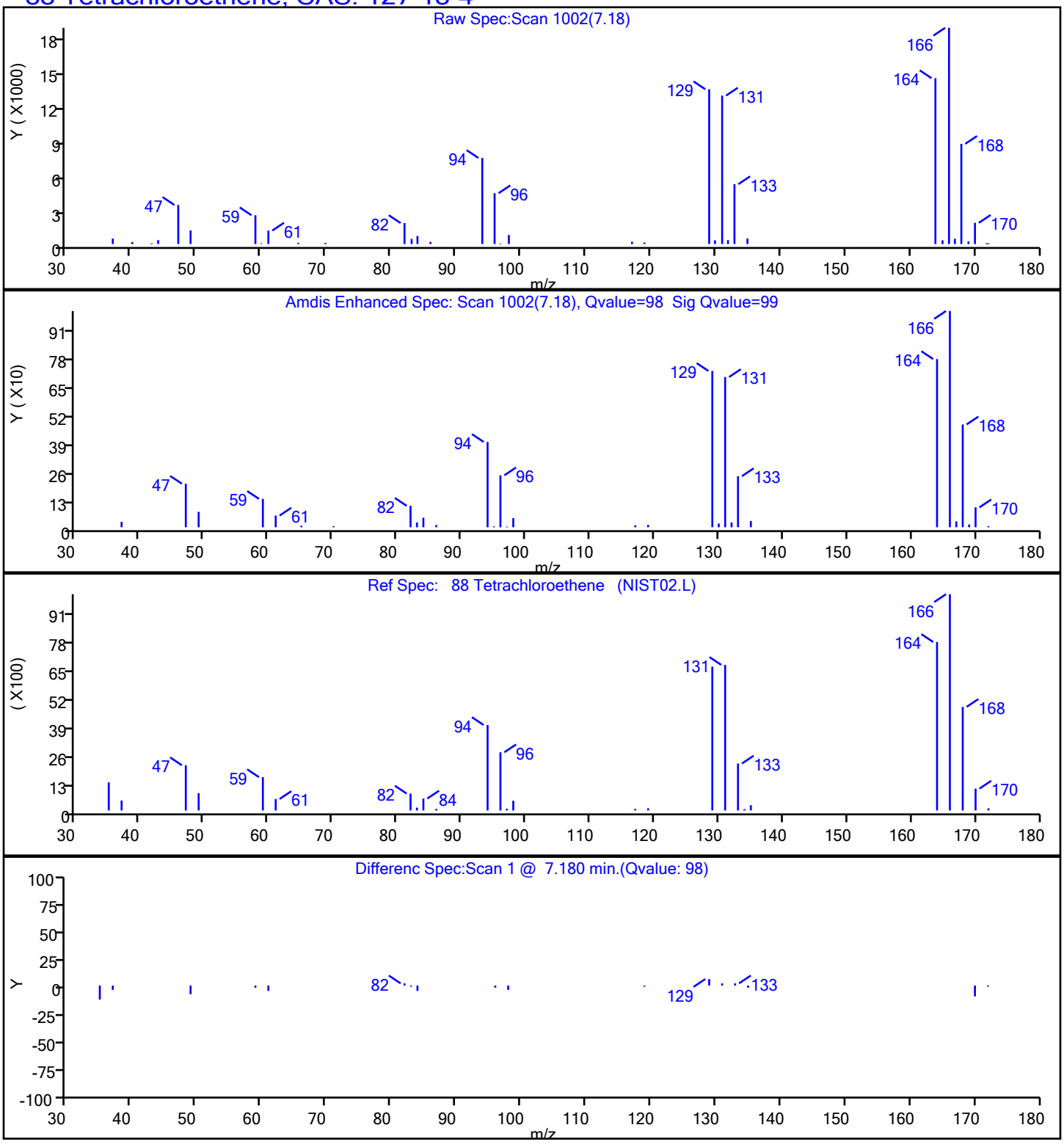
First Level Reviewer: C1JX Date: 09-Oct-2024 16:23:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.0	100.09
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.4	114.76
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.62
$ 105 4-Bromofluorobenzene	50.0	47.3	94.69

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857266.D
Injection Date: 09-Oct-2024 15:00:30 Instrument ID: CVOAMS17
Lims ID: 460-312971-A-5 Lab Sample ID: 460-312971-5
Client ID: A-02
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-312971-6

Matrix: Water | Lab File ID: TT857270.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	9.1		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	250		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.54	J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-312971-6

Matrix: Water | Lab File ID: TT857270.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D
Lims ID: 460-312971-A-6
Client ID: A-06
Sample Type: Client
Inject. Date: 09-Oct-2024 16:18:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-6
Misc. Info.: 460-0181932-031
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:59:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: XE5L Date: 10-Oct-2024 16:59:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.509	1.491	0.018	98	7720	1.84	M
22 Acetone	43	2.527	2.503	0.024	90	7907	9.10	
* 31 TBA-d9 (IS)	66	2.844	2.844	0.000	0	37284	1000.0	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	289503	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	148480	49.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	174050	57.3	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	635640	50.0	
68 Trichloroethene	95	5.240	5.222	0.018	93	1888	0.5425	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	23068	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.508	0.006	99	608716	48.8	
88 Tetrachloroethene	166	7.185	7.179	0.006	99	892576	247.4	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	457444	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	92	184470	48.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	242023	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 16:59:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D

Injection Date: 09-Oct-2024 16:18:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-6 Lab Sample ID: 460-312971-6

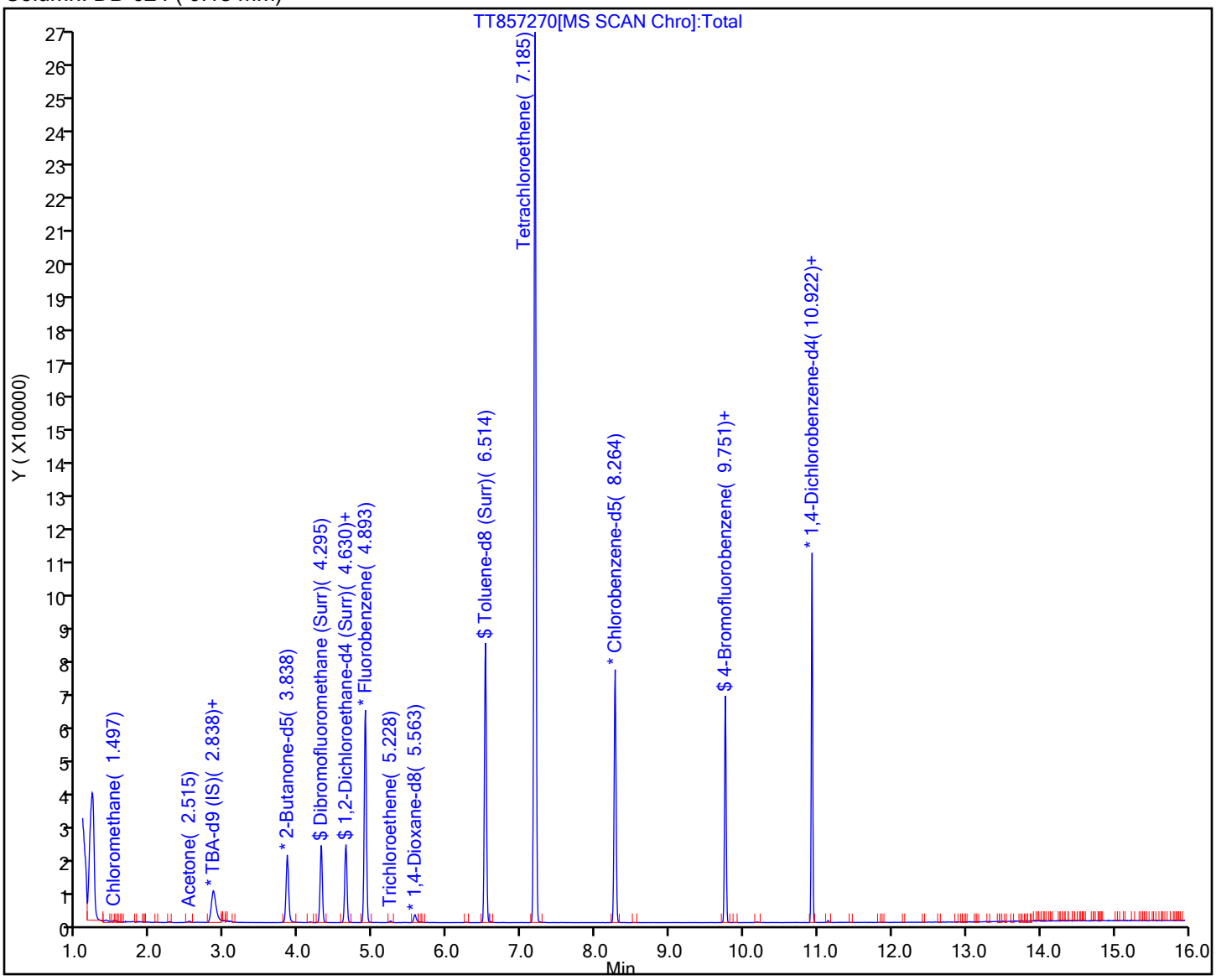
Client ID: A-06

Operator ID: ALS Bottle#: 30 Worklist Smp#: 31

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D				
Lims ID:	460-312971-A-6				
Client ID:	A-06				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 16:18:30	ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-6				
Misc. Info.:	460-0181932-031				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 16:59:41	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: XE5L Date: 10-Oct-2024 16:59:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.70
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.3	114.55
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.65
$ 105 4-Bromofluorobenzene	50.0	48.7	97.32

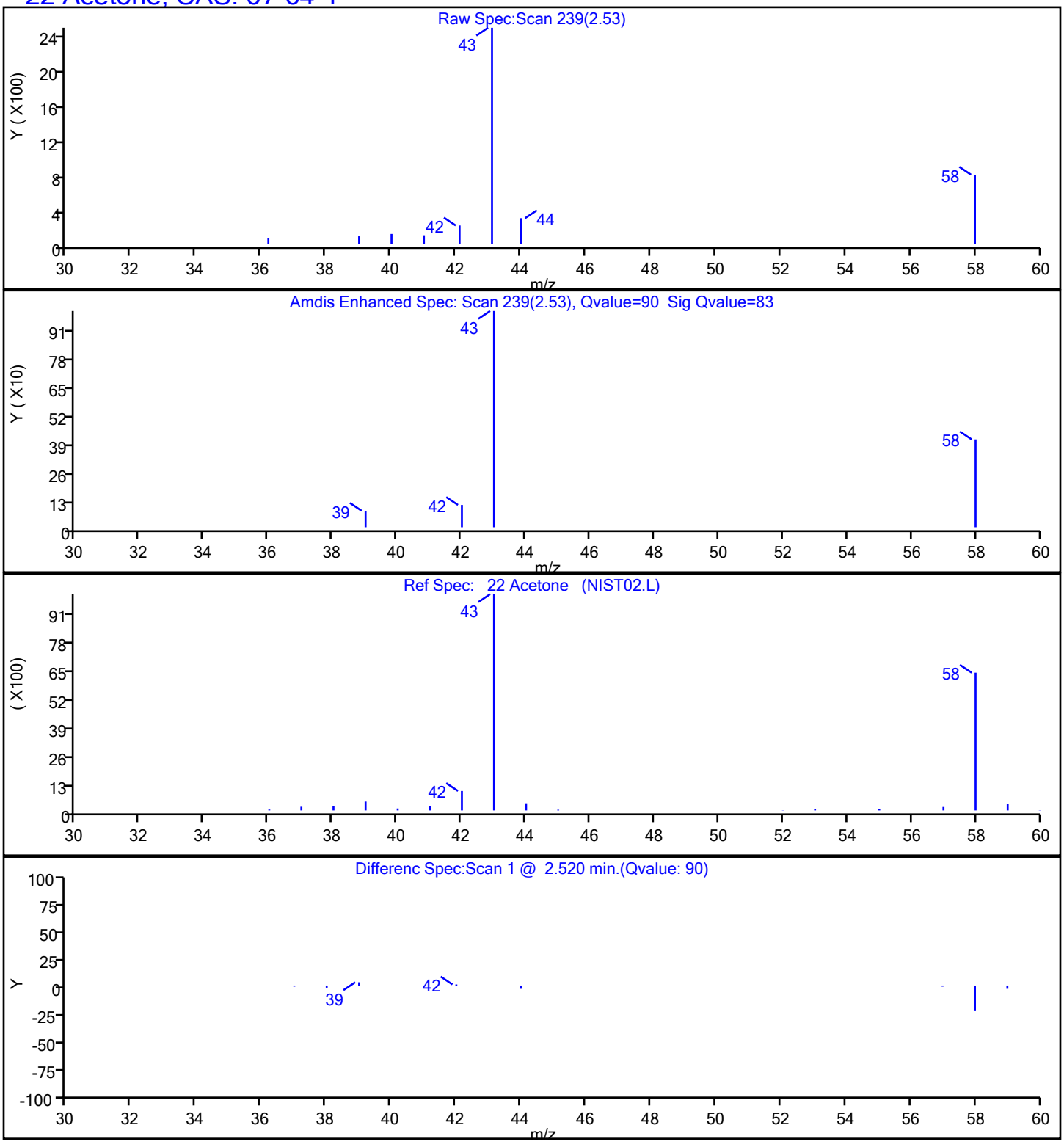
Report Date: 10-Oct-2024 16:59:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D

Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	30 Worklist Smp#: 31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

22 Acetone, CAS: 67-64-1

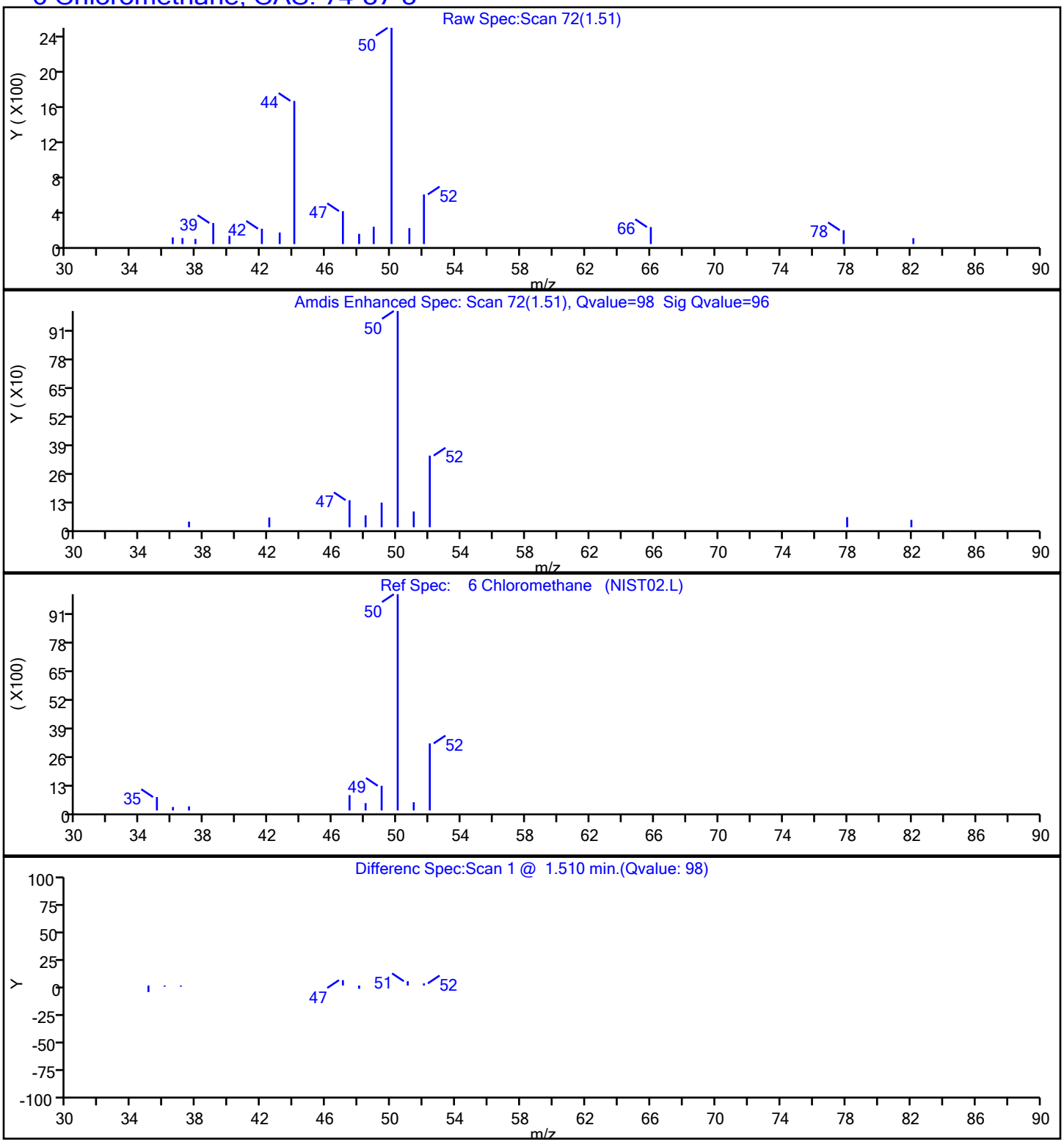


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D

Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3



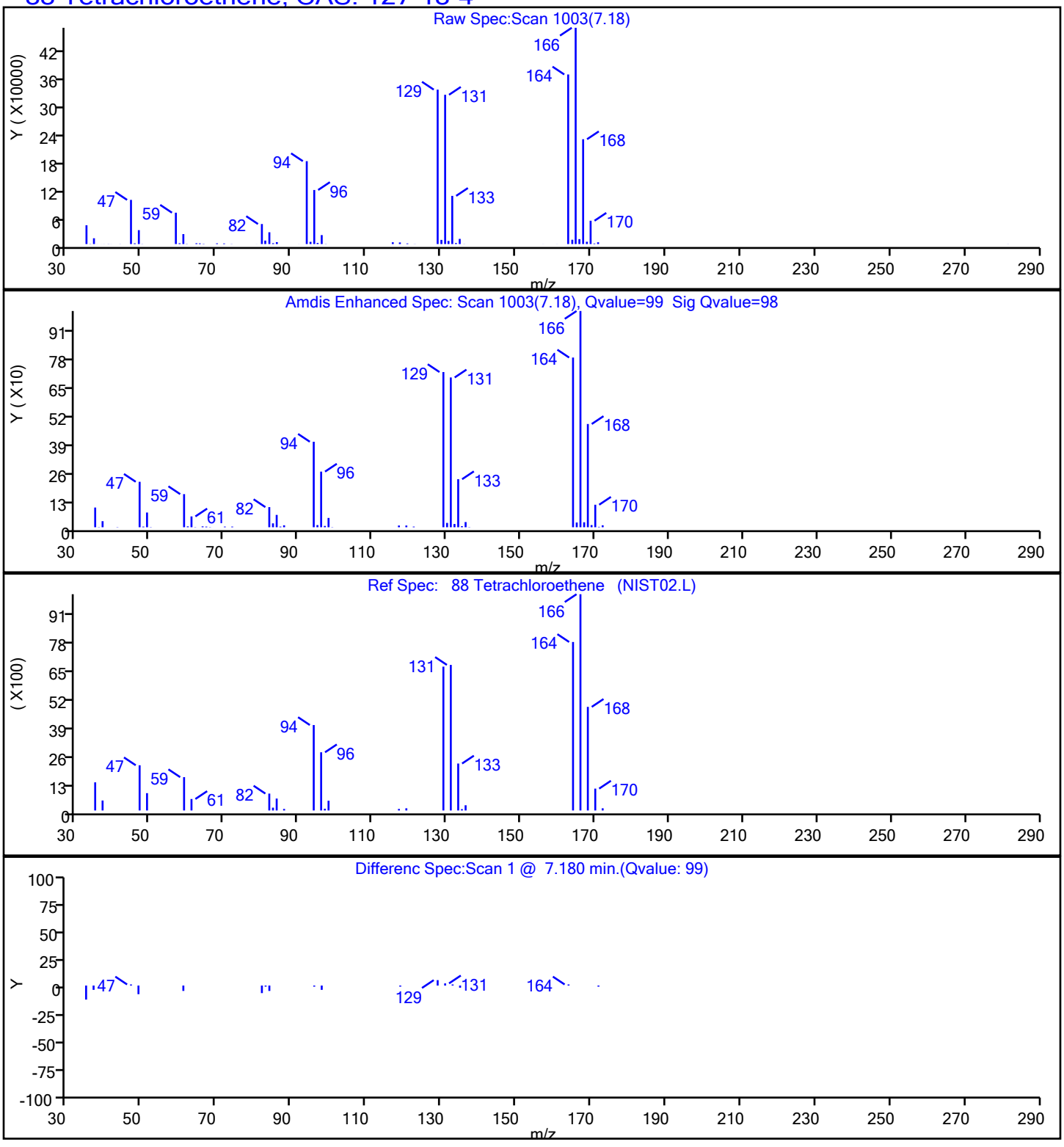
Report Date: 10-Oct-2024 16:59:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D

Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	30 Worklist Smp#: 31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



10/18/2024
12:59:41 PM

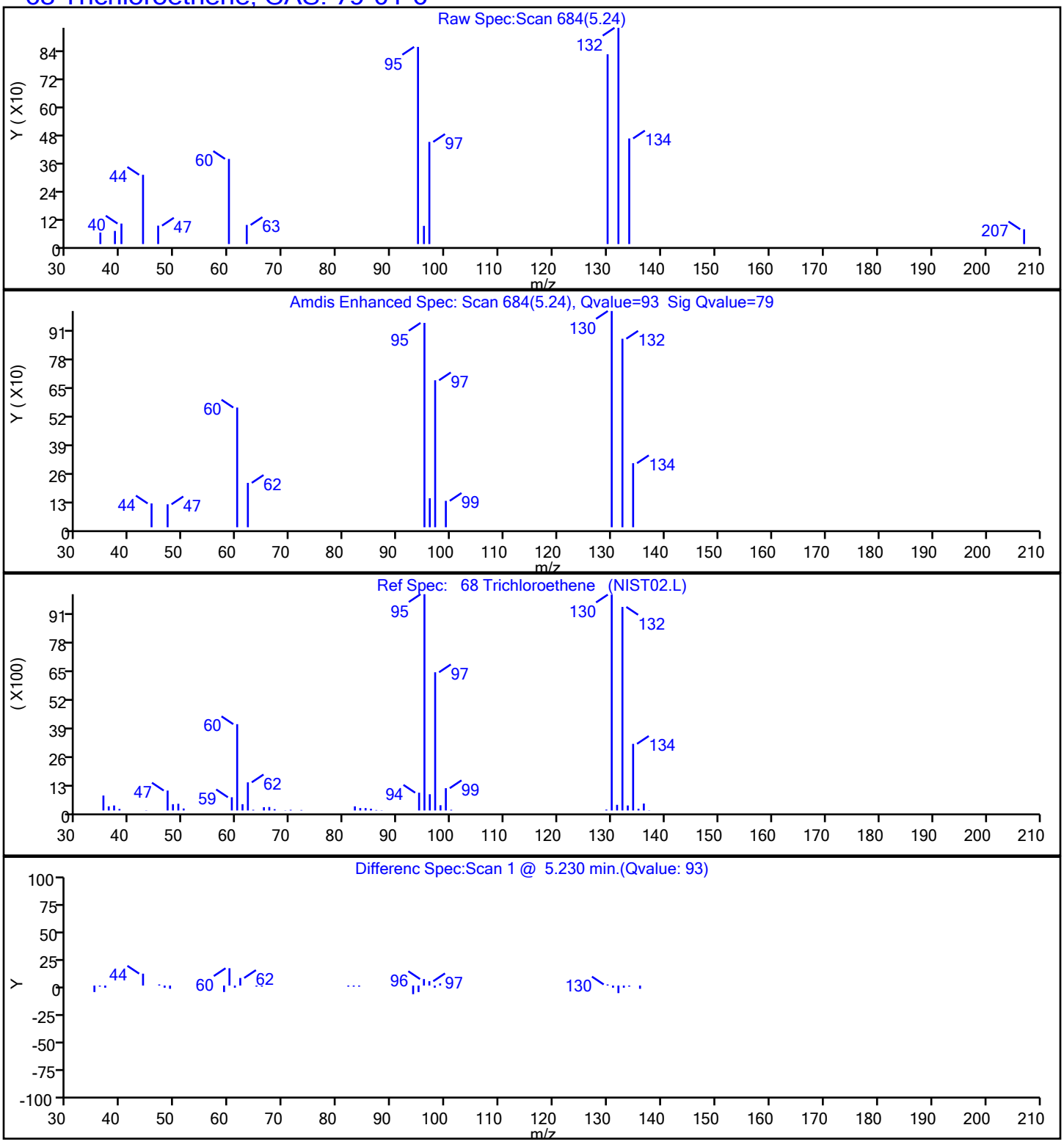
Report Date: 10-Oct-2024 16:59:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D

Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



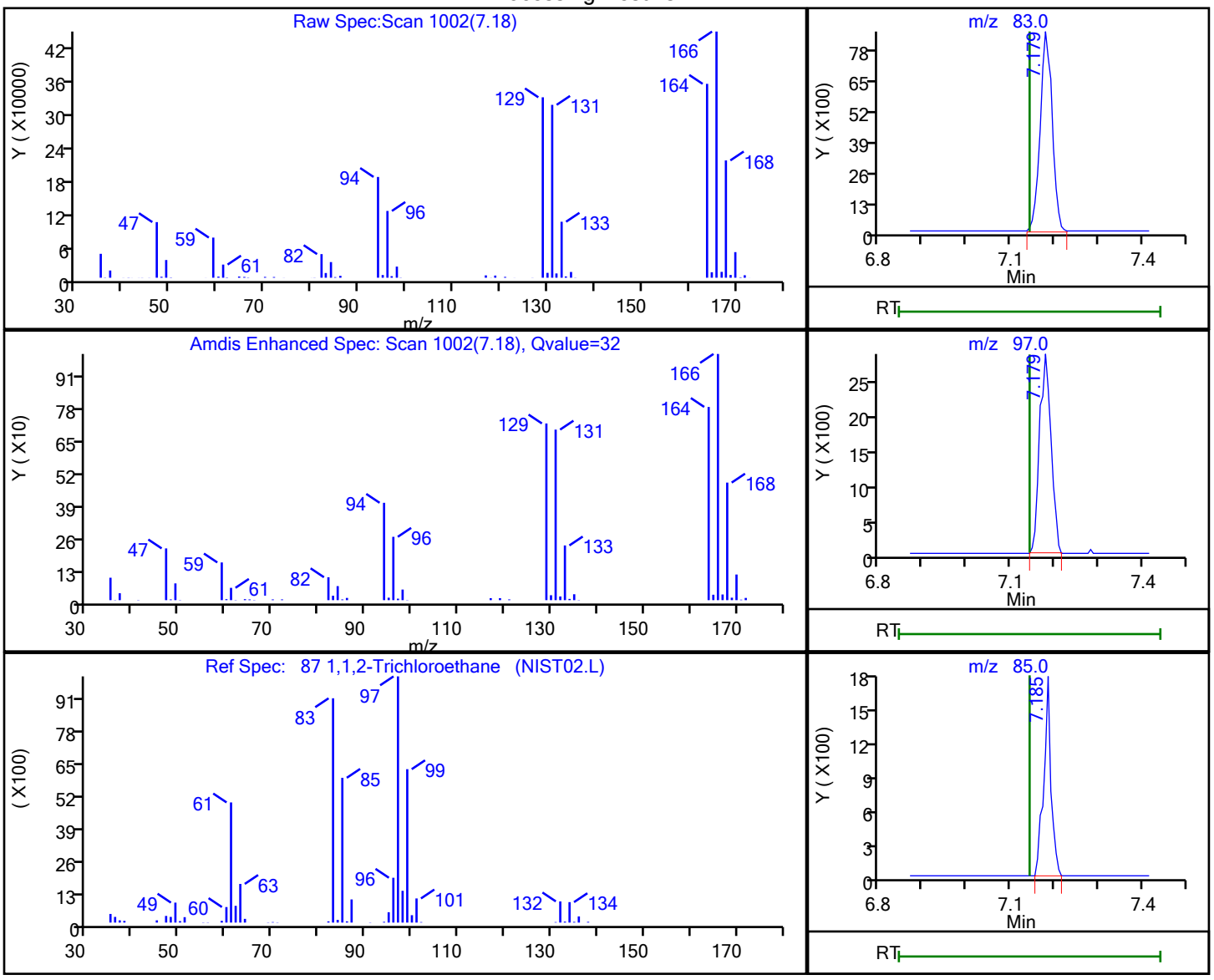
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D				
Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	16321	7.405763
7.18	97.00	5224	
7.18	85.00	2086	

Reviewer: C1JX, 09-Oct-2024 17:01:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

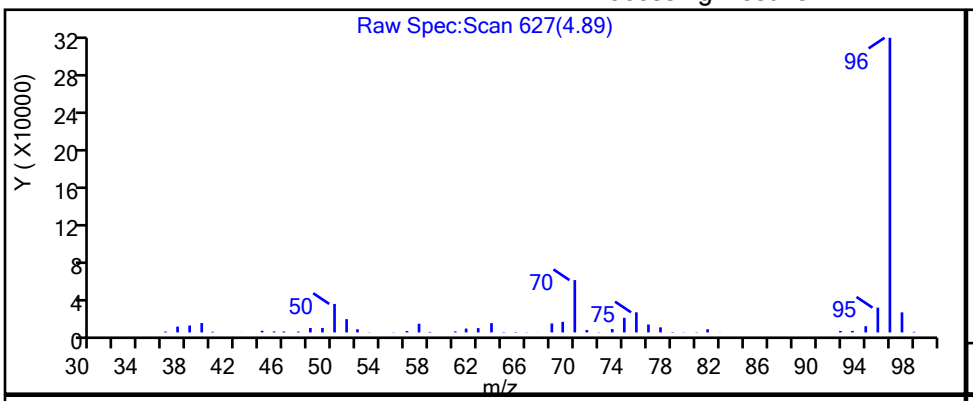
User Disabled Compound Report

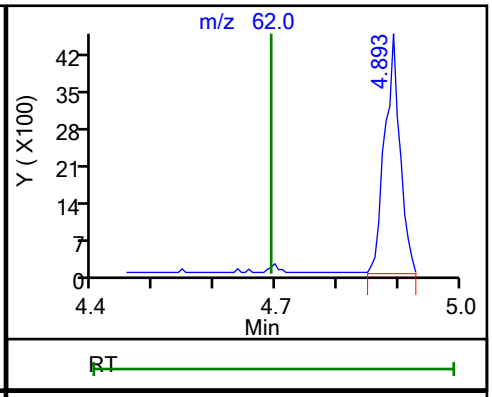
Eurofins Edison

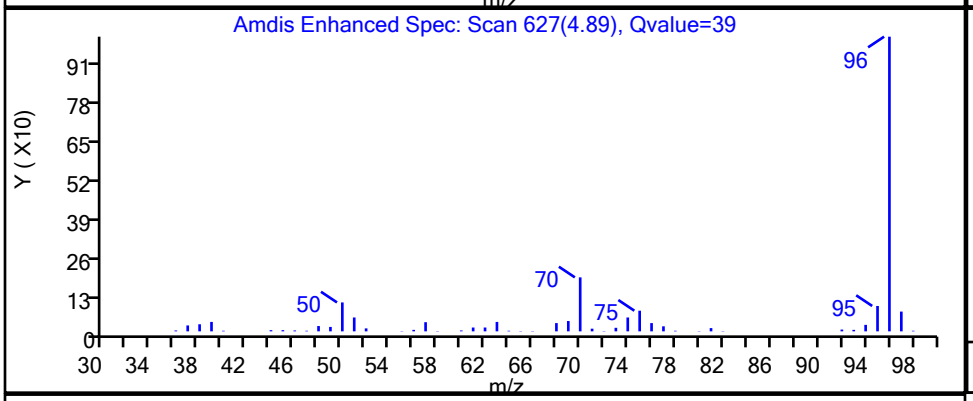
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D				
Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

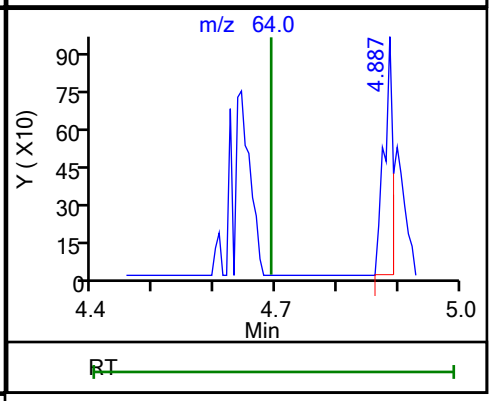
64 1,2-Dichloroethane, CAS: 107-06-2

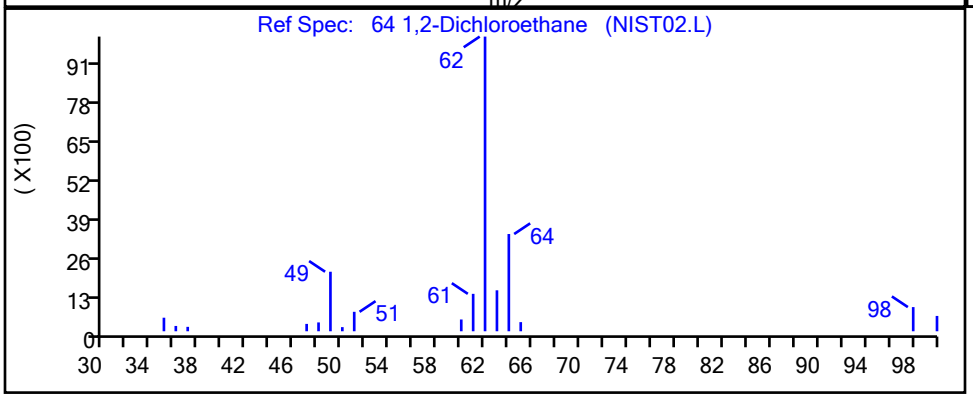
Processing Results











RT	Mass	Response	Amount
4.89	62.00	7856	2.084179
4.89	64.00	931	

Reviewer: C1JX, 09-Oct-2024 17:01:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

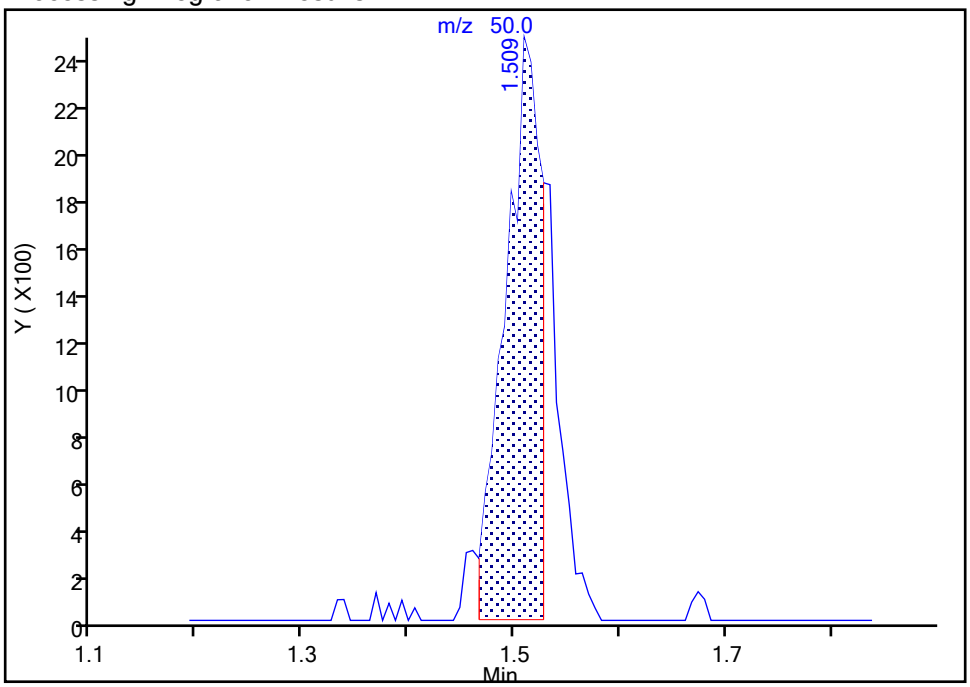
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857270.D		
Injection Date:	09-Oct-2024 16:18:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-6	Lab Sample ID:	460-312971-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	30 Worklist Smp#: 31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

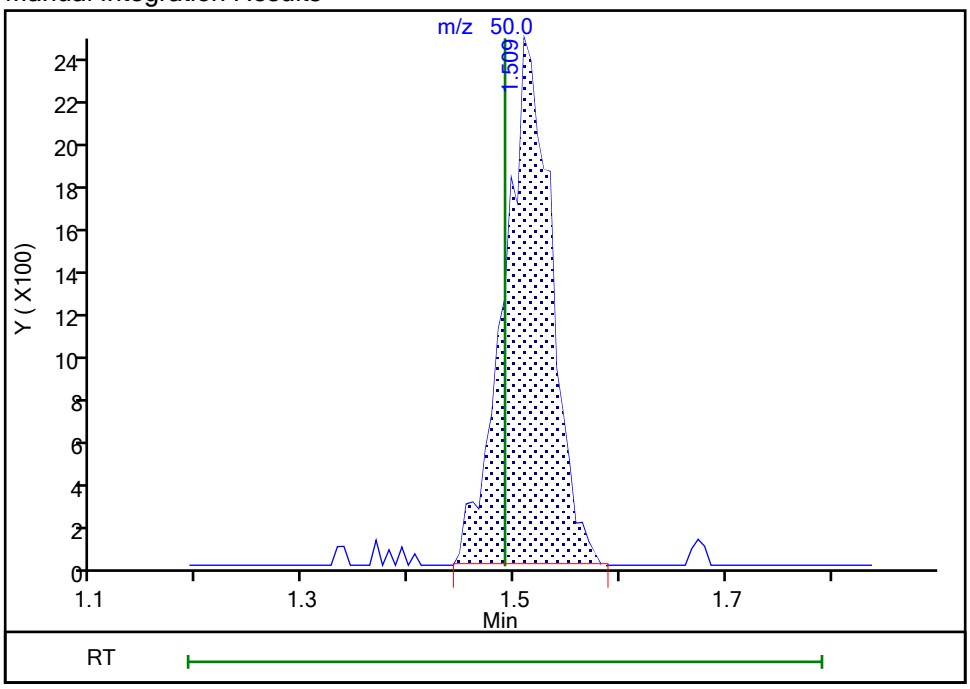
Processing Integration Results

RT: 1.51
Area: 5852
Amount: 1.397082
Amount Units: ug/l



Manual Integration Results

RT: 1.51
Area: 7720
Amount: 1.843040
Amount Units: ug/l



Reviewer: XE5L, 10-Oct-2024 16:59:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-312971-7

Matrix: Water | Lab File ID: TT857271.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	10		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.33	J	1.0	0.33
74-87-3	Chloromethane	1.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	250		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.56	J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-312971-7

Matrix: Water | Lab File ID: TT857271.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D
Lims ID: 460-312971-A-7
Client ID: A-066
Sample Type: Client
Inject. Date: 09-Oct-2024 16:38:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-7
Misc. Info.: 460-0181932-032
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:00:08 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 17:07:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.497	1.491	0.006	90	5981	1.51	M
22 Acetone	43	2.503	2.503	0.000	88	8098	10.0	
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	36269	1000.0	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	269378	250.0	
52 Chloroform	83	4.149	4.143	0.006	92	1813	0.3317	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	143568	51.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	167039	58.2	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	599826	50.0	
68 Trichloroethene	95	5.234	5.222	0.012	94	1844	0.5615	M
* 72 1,4-Dioxane-d8	96	5.563	5.551	0.012	0	21625	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	570464	49.0	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	834700	247.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	427257	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	90	169105	47.8	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	223027	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 17:00:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D

Injection Date: 09-Oct-2024 16:38:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-7 Lab Sample ID: 460-312971-7

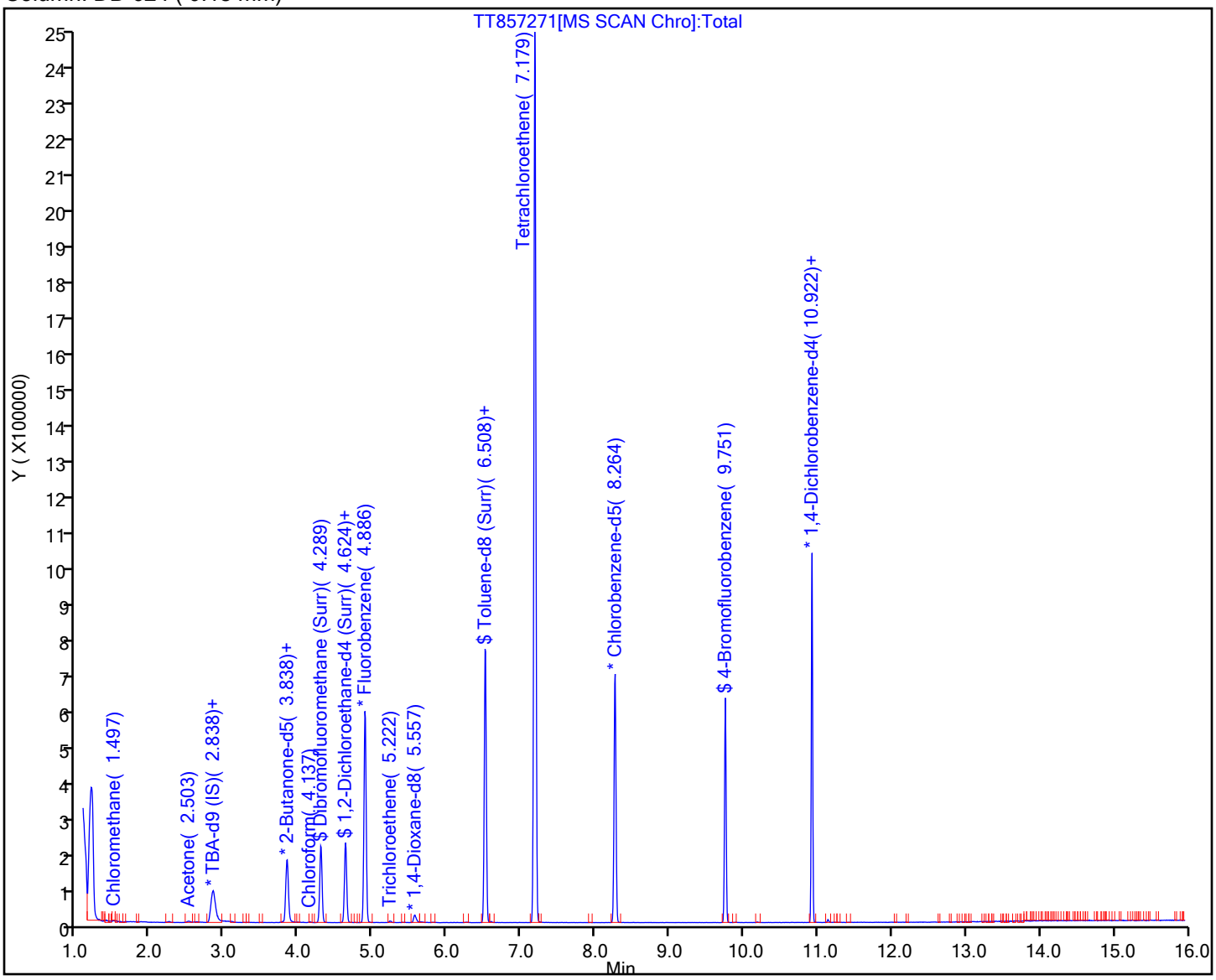
Client ID: A-066

Operator ID: ALS Bottle#: 31 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D				
Lims ID:	460-312971-A-7				
Client ID:	A-066				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 16:38:30	ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-7				
Misc. Info.:	460-0181932-032				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:00:08	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: C1JX Date: 09-Oct-2024 17:07:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.1	102.15
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.2	116.50
$ 83 Toluene-d8 (Surr)	50.0	49.0	97.98
$ 105 4-Bromofluorobenzene	50.0	47.8	95.51

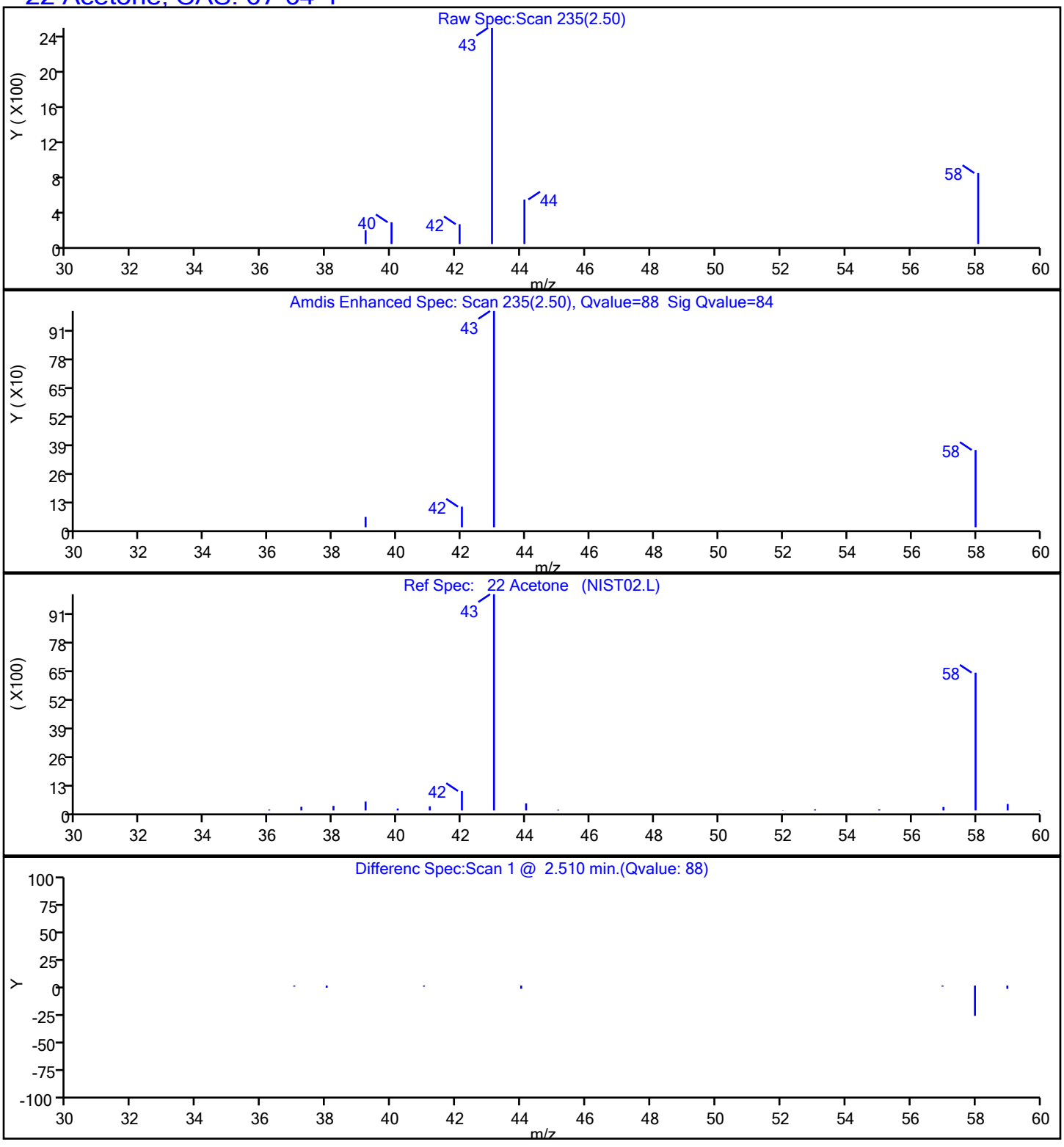
Report Date: 10-Oct-2024 17:00:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D

Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

22 Acetone, CAS: 67-64-1



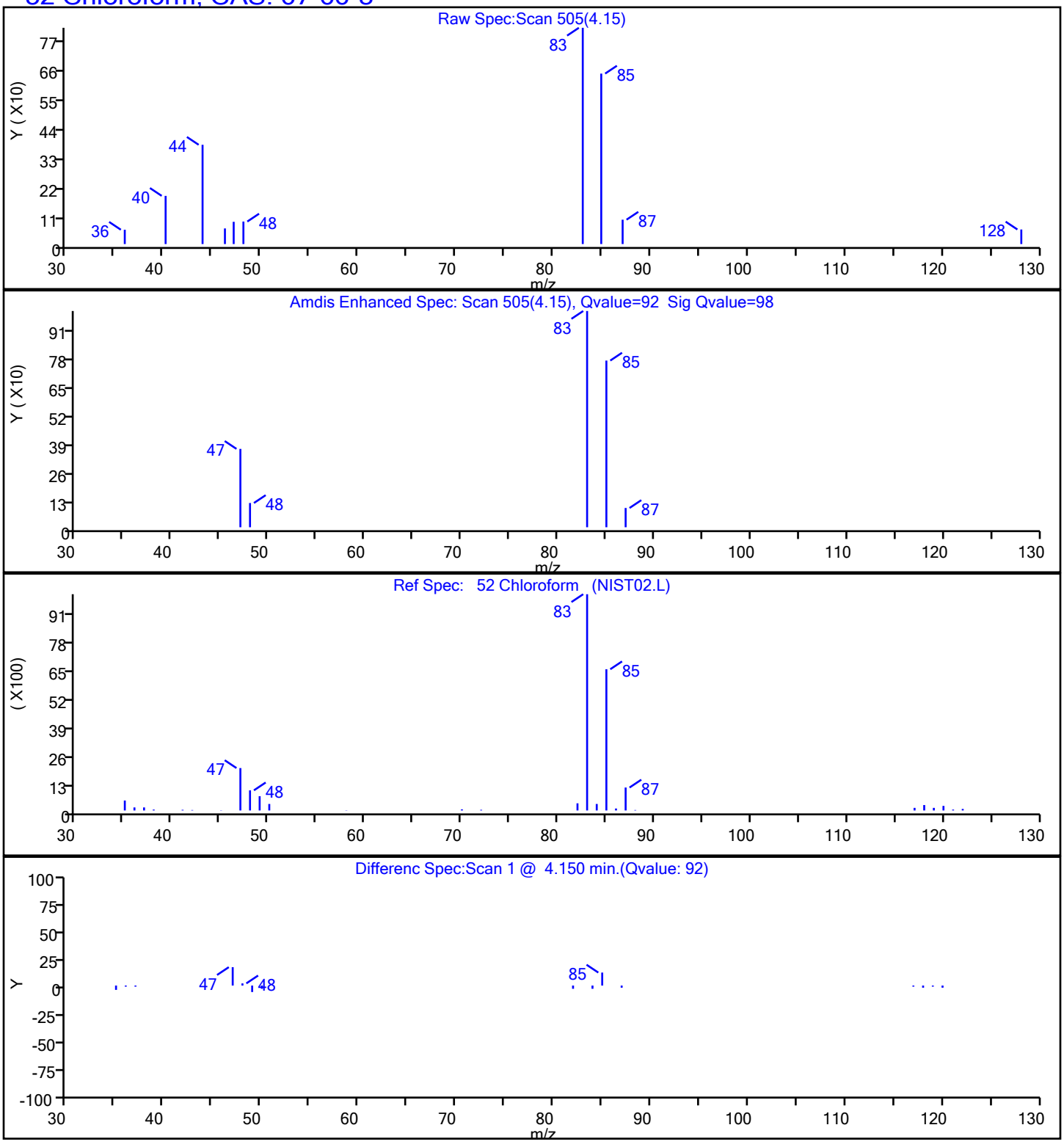
Report Date: 10-Oct-2024 17:00:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D

Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

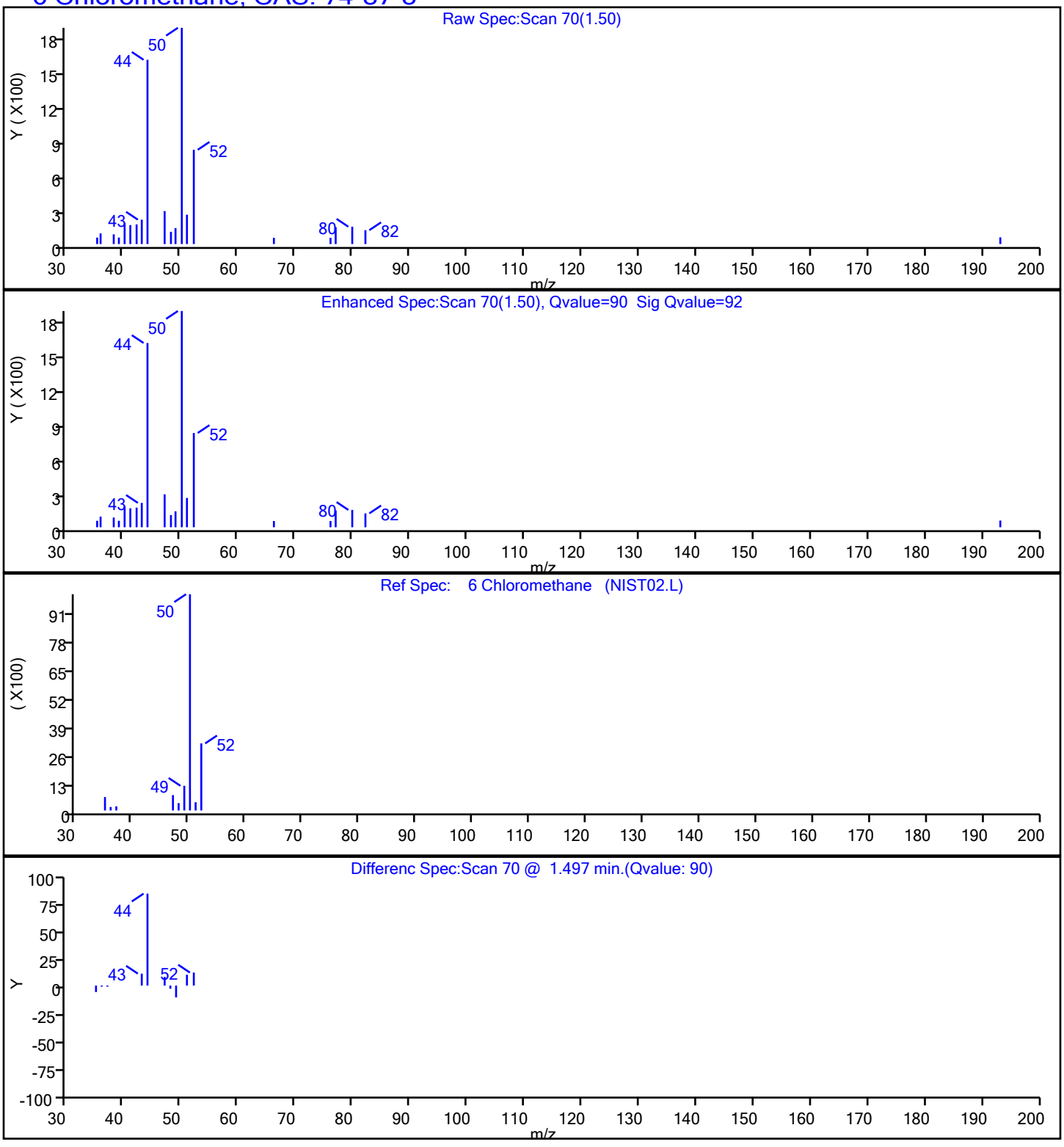
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D				
Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3



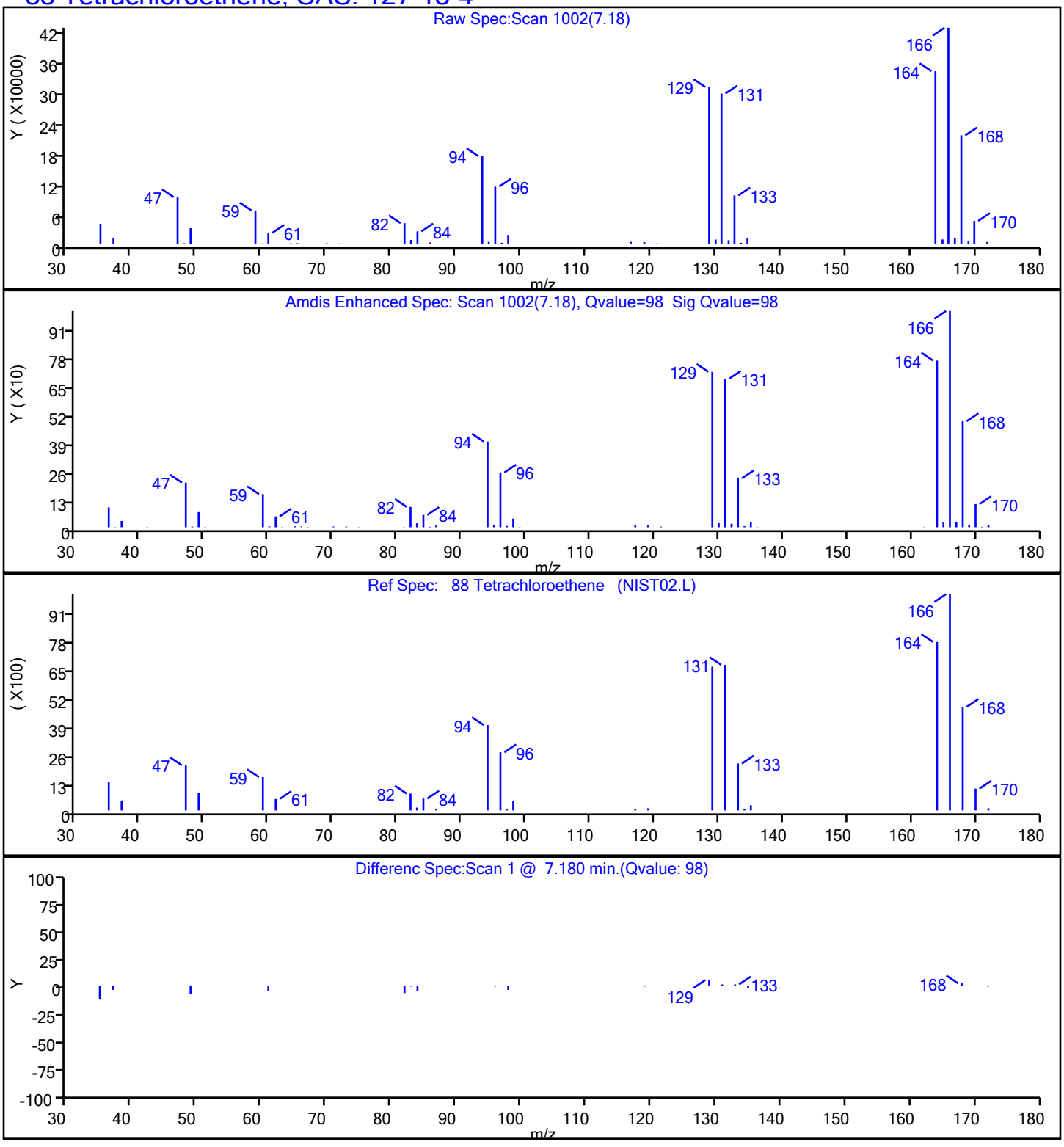
Report Date: 10-Oct-2024 17:00:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D

Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



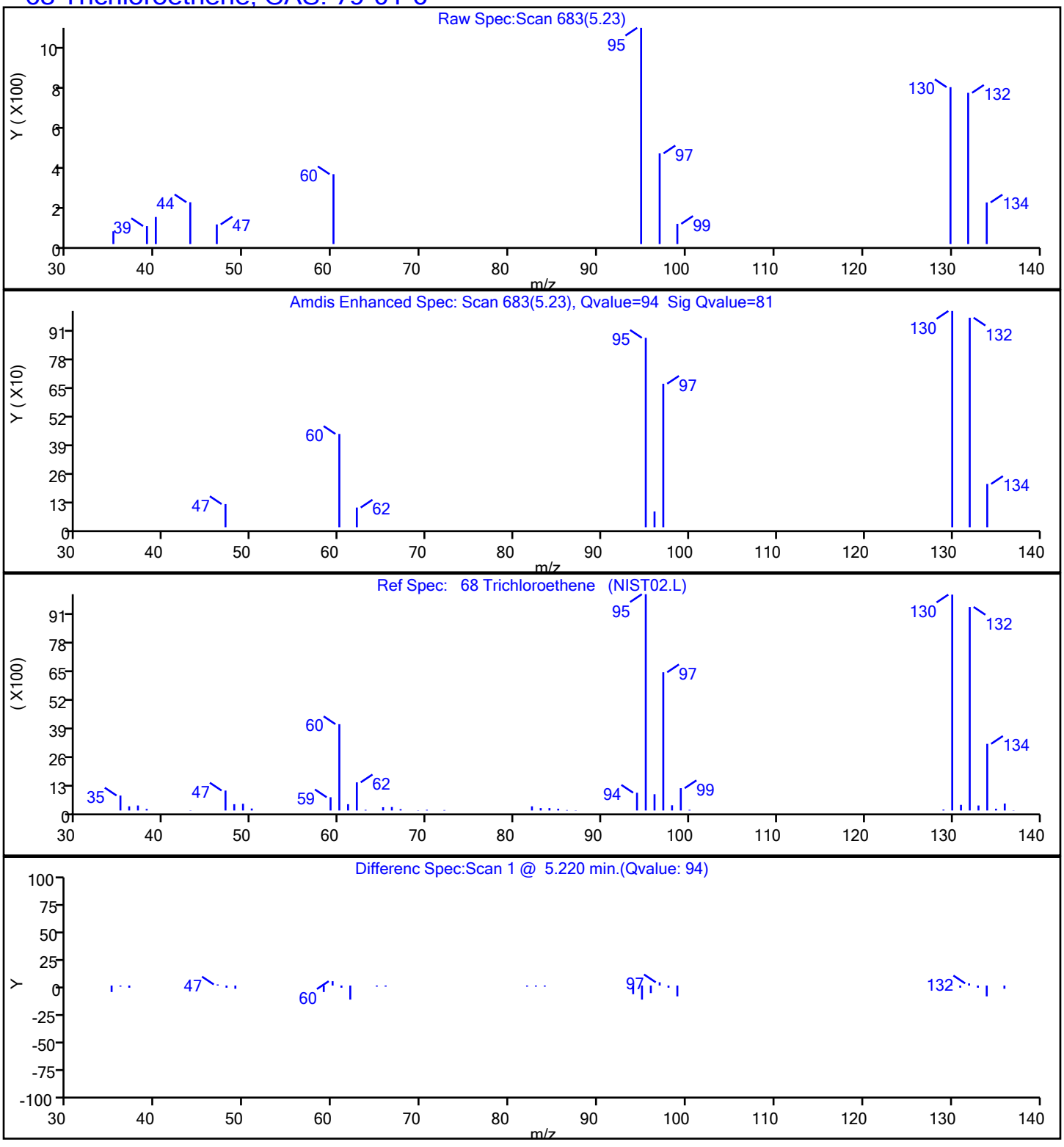
Report Date: 10-Oct-2024 17:00:09 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D

Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



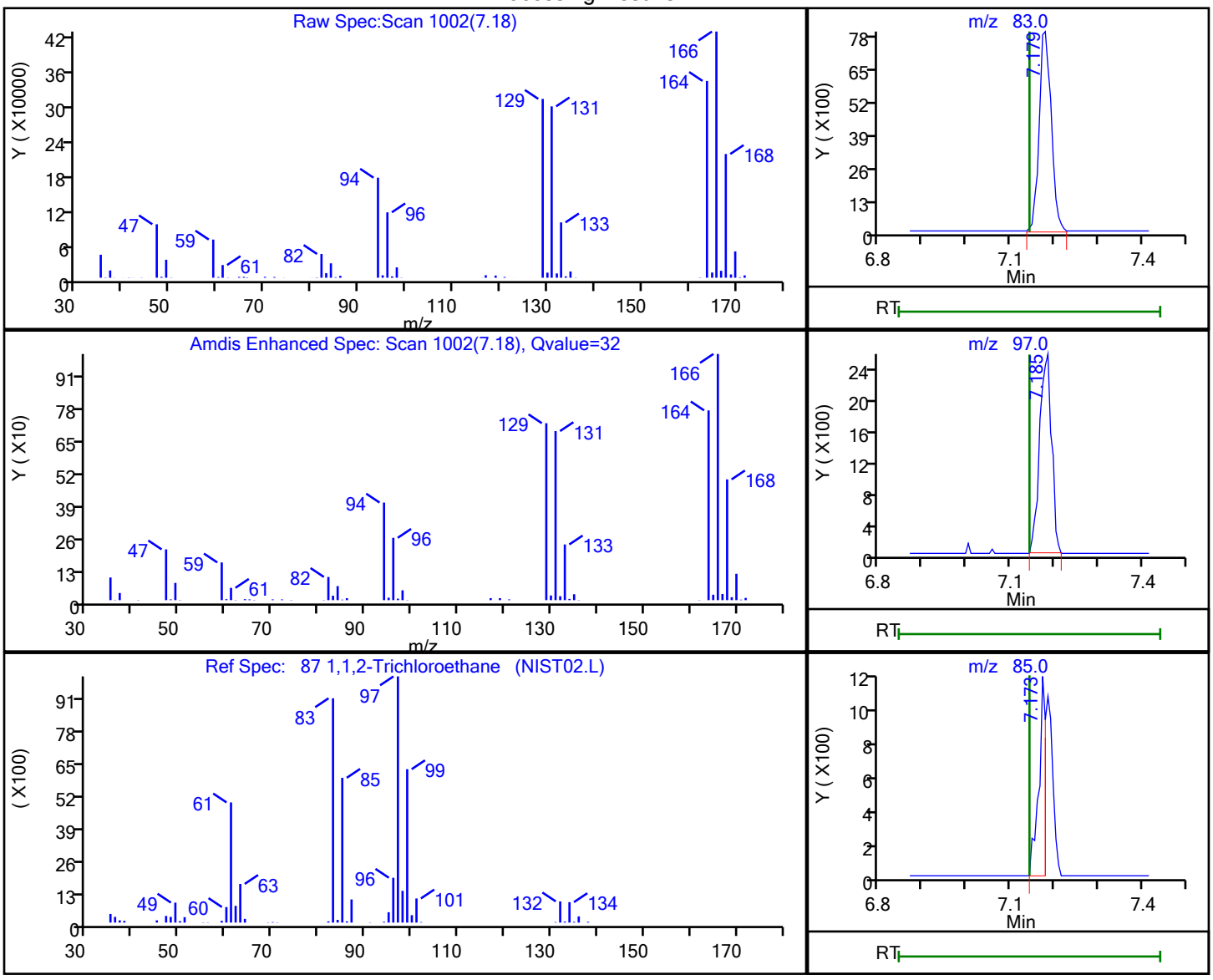
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D				
Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	15273	7.419867
7.18	97.00	4838	
7.17	85.00	1226	

Reviewer: C1JX, 09-Oct-2024 17:01:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

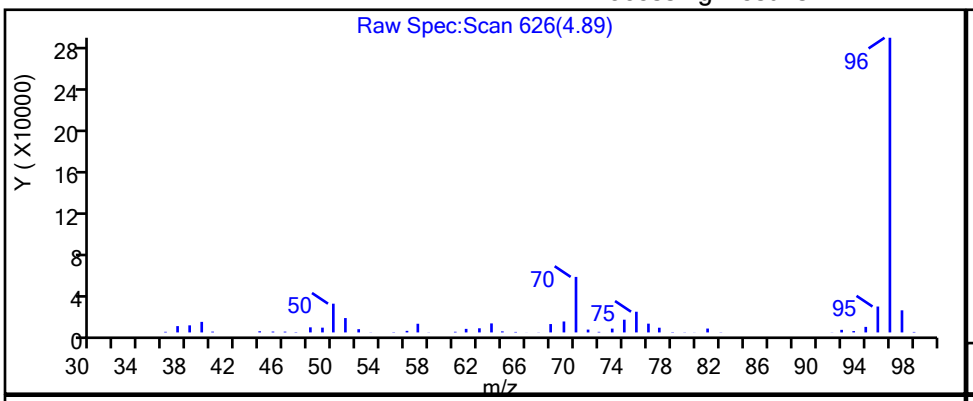
User Disabled Compound Report

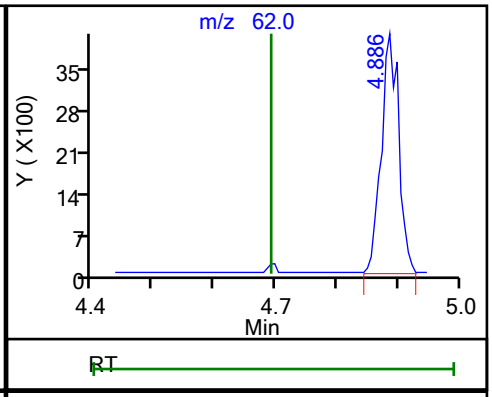
Eurofins Edison

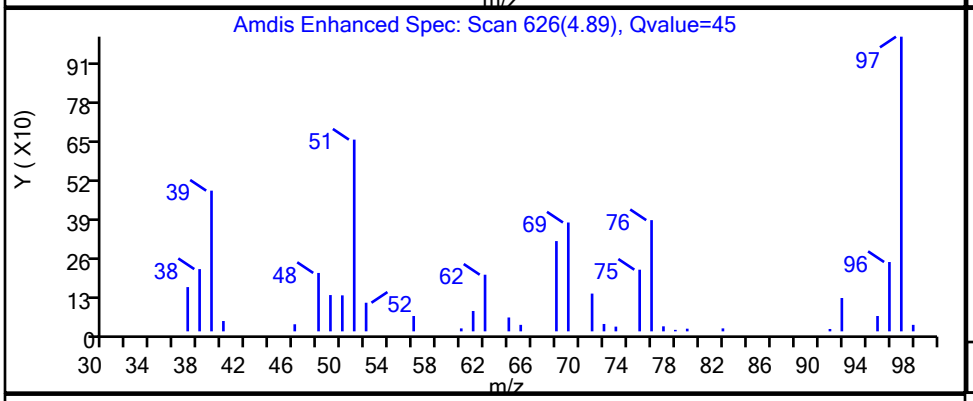
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D				
Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

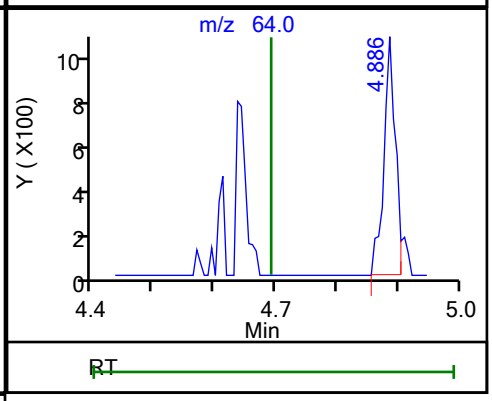
64 1,2-Dichloroethane, CAS: 107-06-2

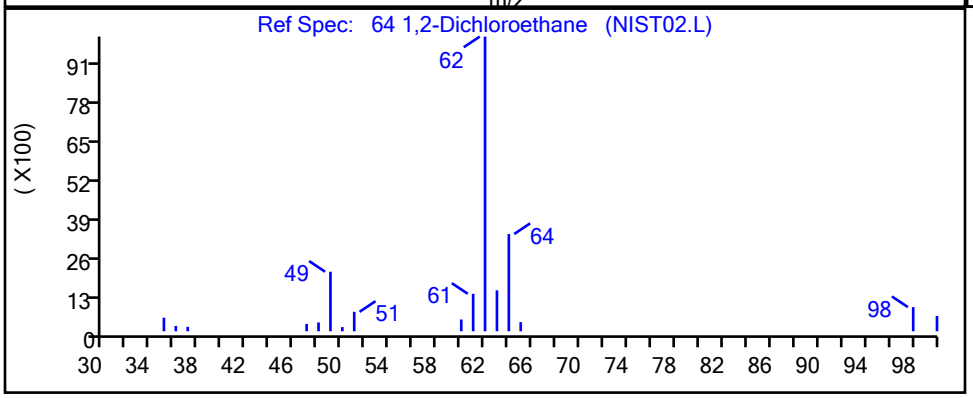
Processing Results











RT	Mass	Response	Amount
4.89	62.00	7993	2.247136
4.89	64.00	1338	

Reviewer: C1JX, 09-Oct-2024 17:01:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

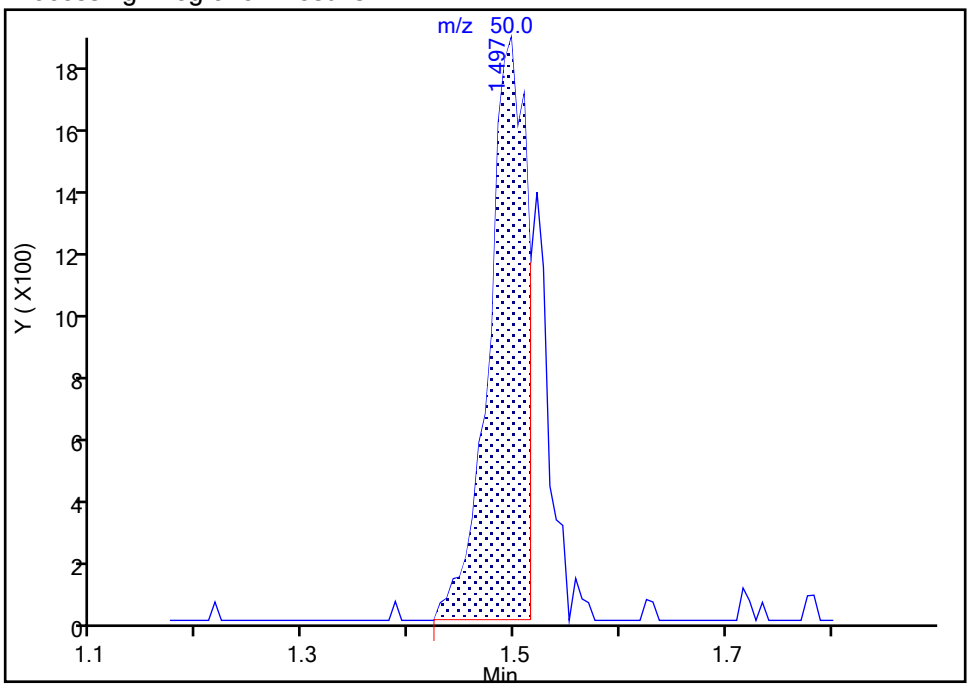
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D				
Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3

Signal: 1

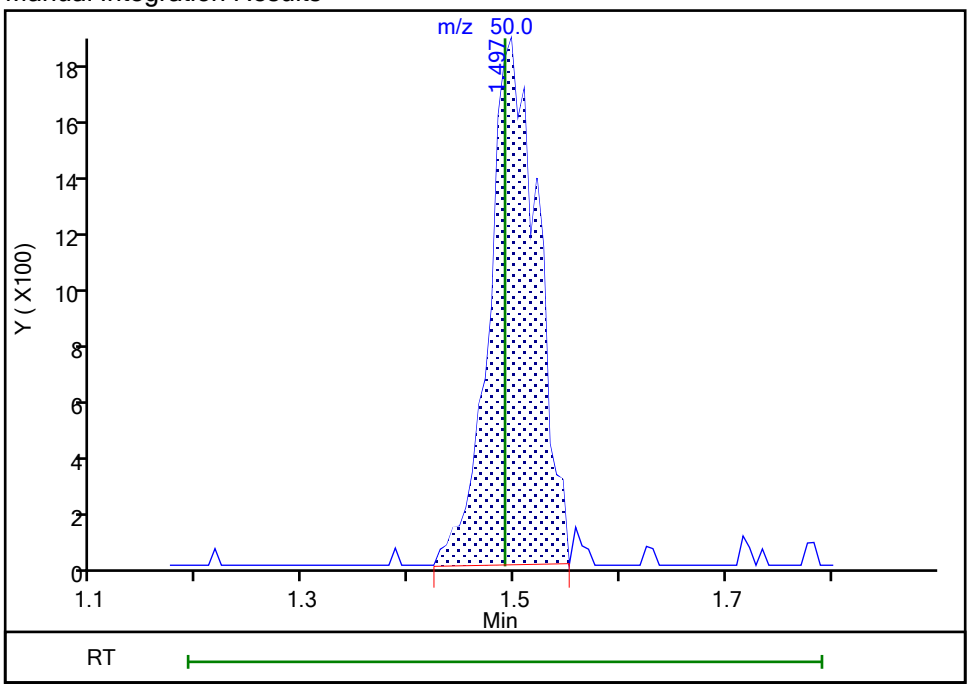
Processing Integration Results

RT: 1.50
Area: 4679
Amount: 1.183741
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 5981
Amount: 1.513134
Amount Units: ug/l



Reviewer: XE5L, 10-Oct-2024 16:59:54 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

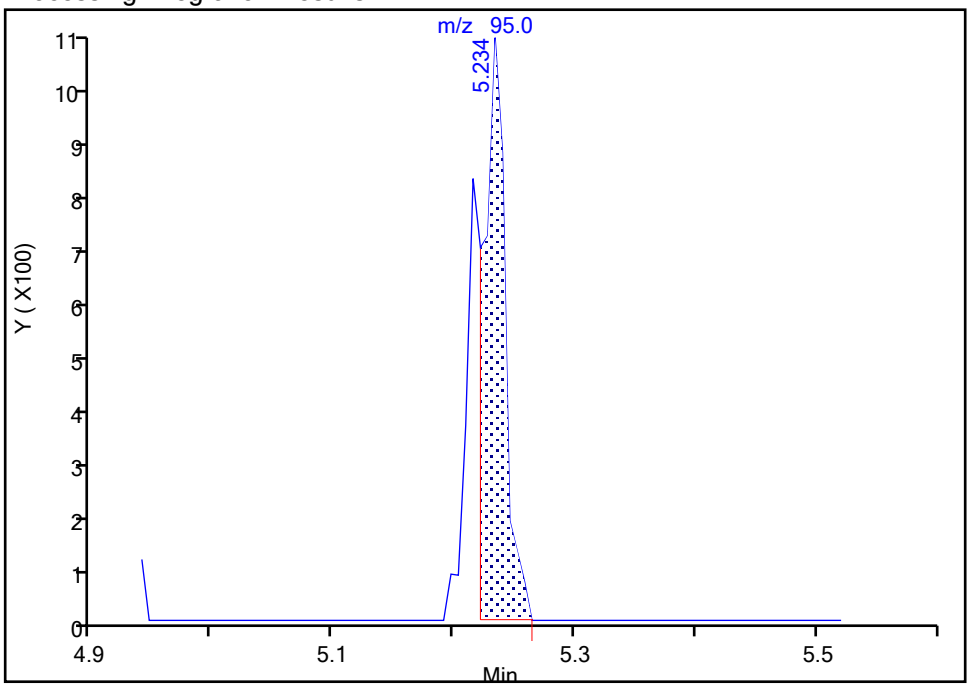
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857271.D		
Injection Date:	09-Oct-2024 16:38:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-7	Lab Sample ID:	460-312971-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6

Signal: 1

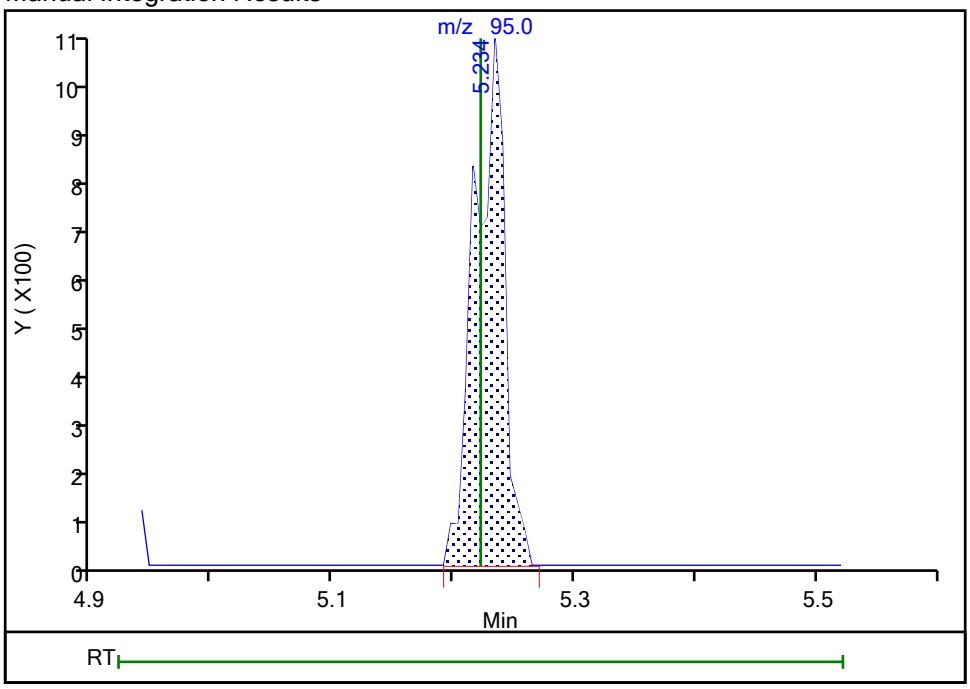
Processing Integration Results

RT: 5.23
Area: 1355
Amount: 0.412571
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 1844
Amount: 0.561462
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 17:01:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-312971-8

Matrix: Water | Lab File ID: TT857275.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:56

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	510		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	1.1	J	2.0	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-312971-8

Matrix: Water | Lab File ID: TT857275.D

Analysis Method: 8260D | Date Collected: 10/03/2024 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:56

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D
Lims ID: 460-312971-A-8
Client ID: A-08
Sample Type: Client
Inject. Date: 09-Oct-2024 17:56:30 ALS Bottle#: 35 Worklist Smp#: 36
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-312971-A-8
Misc. Info.: 460-0181932-036
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:01:25 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 18:15:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	34280	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	252615	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	141522	50.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	165620	58.4	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	592820	50.0	
68 Trichloroethene	95	5.228	5.222	0.006	93	1839	0.5666	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	21042	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	100	556424	48.5	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	838814	252.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	420498	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	92	160641	46.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	216777	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 17:01:45 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D

Injection Date: 09-Oct-2024 17:56:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-8 Lab Sample ID: 460-312971-8

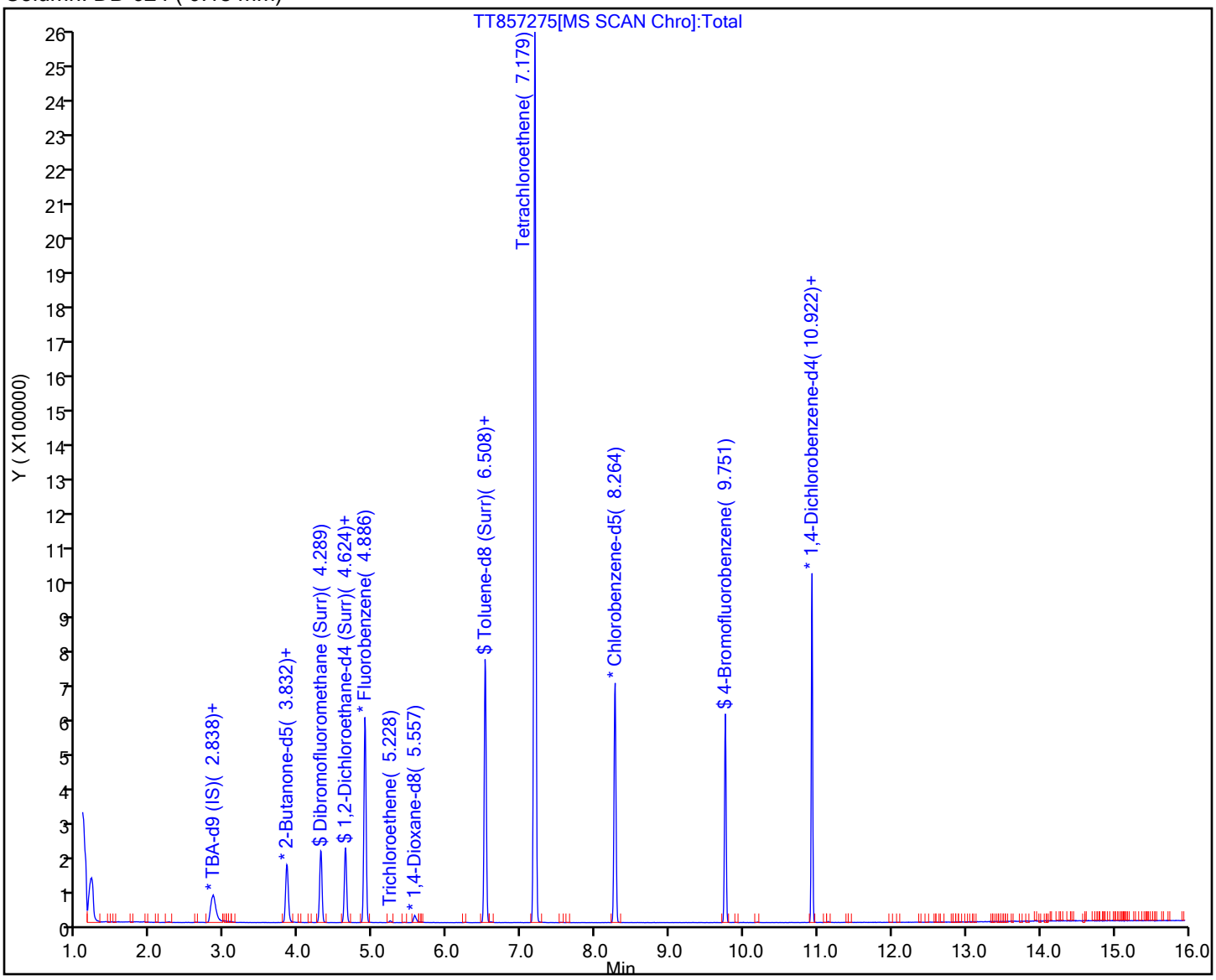
Client ID: A-08

Operator ID: ALS Bottle#: 35 Worklist Smp#: 36

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D				
Lims ID:	460-312971-A-8				
Client ID:	A-08				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 17:56:30	ALS Bottle#:	35	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Sample Info:	460-312971-A-8				
Misc. Info.:	460-0181932-036				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:01:25	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: C1JX Date: 09-Oct-2024 18:15:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.9	101.89
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.4	116.87
$ 83 Toluene-d8 (Surr)	50.0	48.5	97.10
$ 105 4-Bromofluorobenzene	50.0	46.1	92.19

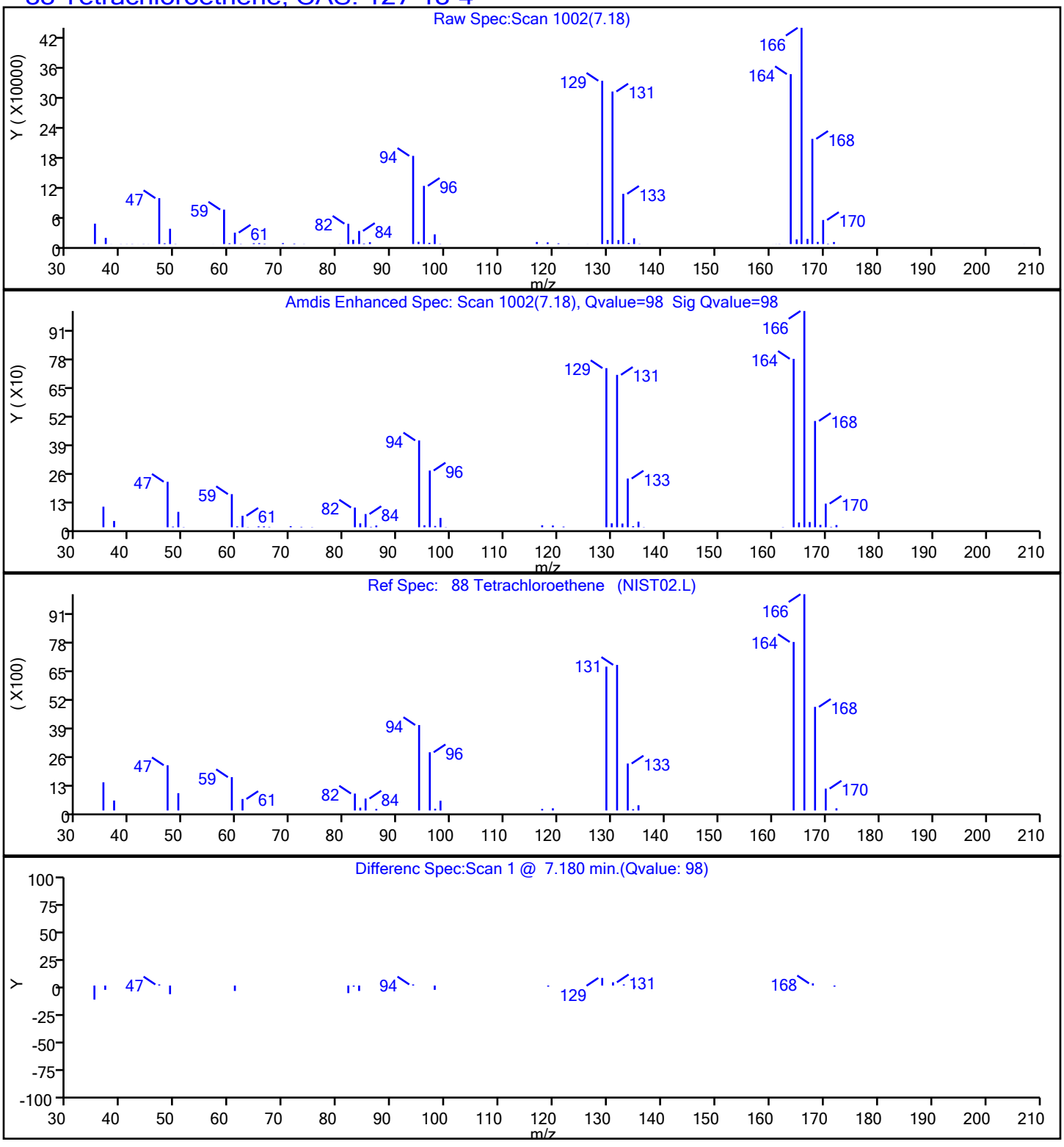
Report Date: 10-Oct-2024 17:01:45 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D

Injection Date:	09-Oct-2024 17:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-8	Lab Sample ID:	460-312971-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



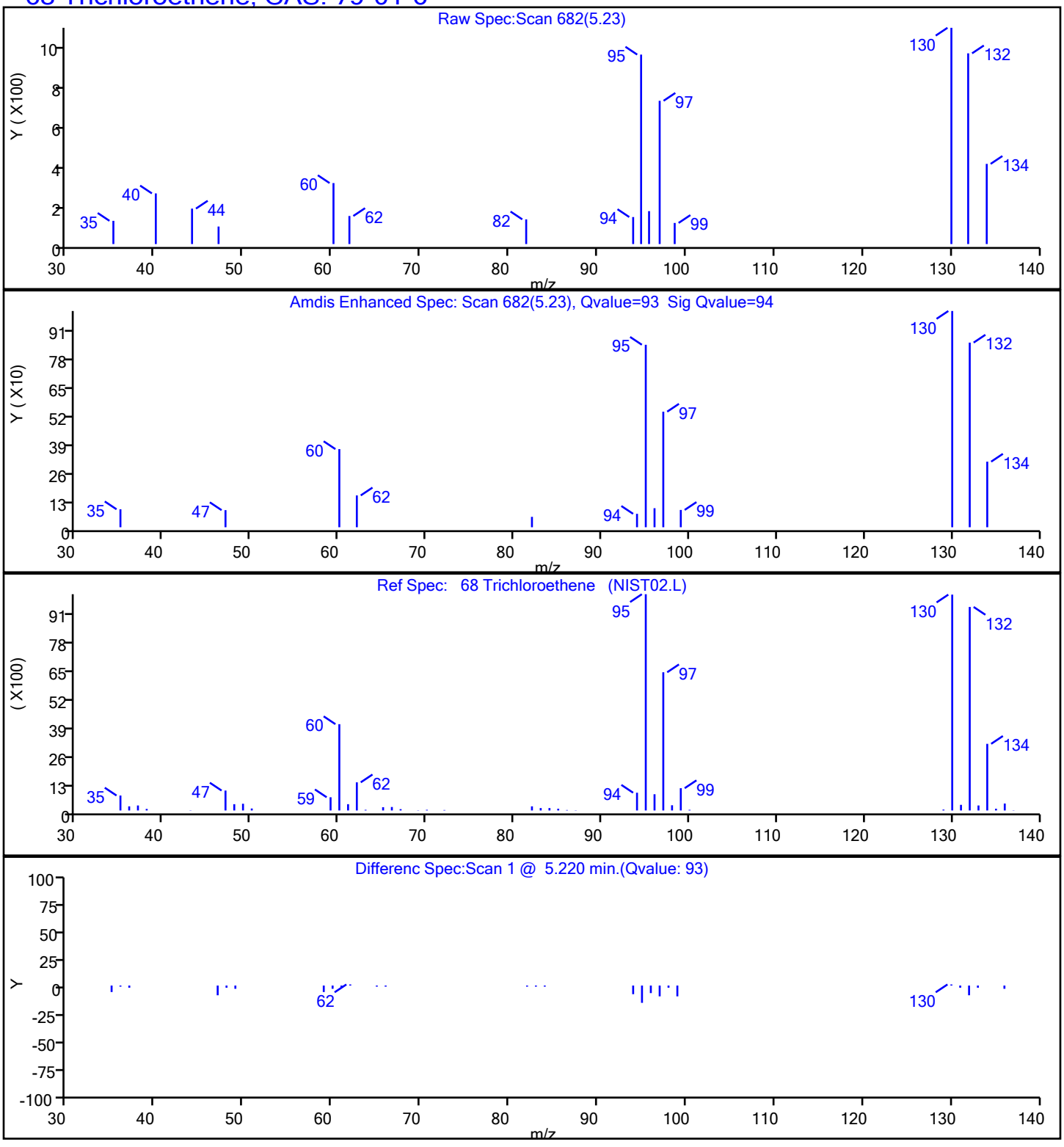
10/18/2024
12:59:41 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D

Injection Date:	09-Oct-2024 17:56:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-8	Lab Sample ID:	460-312971-8
Client ID:	A-08		
Operator ID:		ALS Bottle#:	35 Worklist Smp#: 36
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



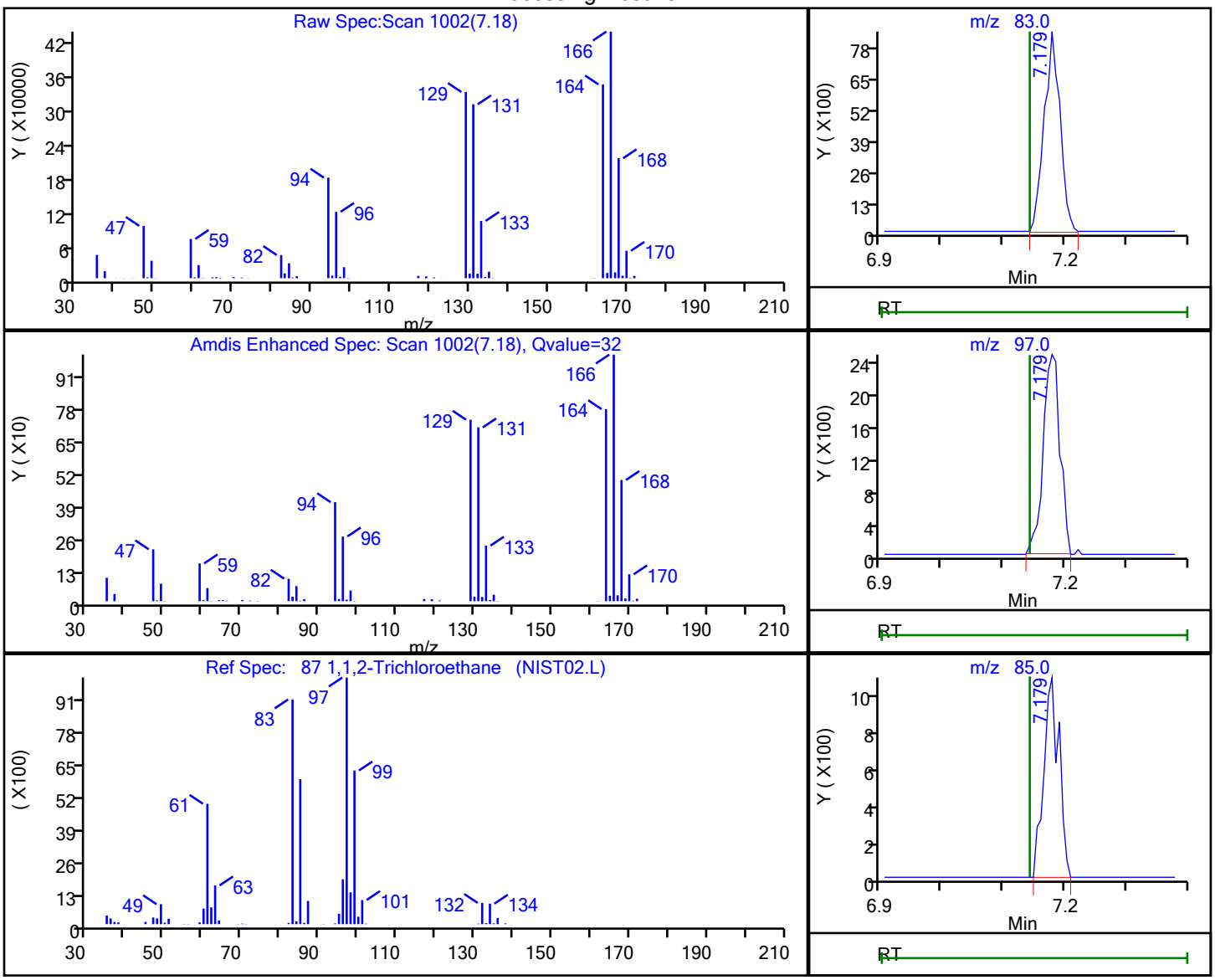
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D				
Injection Date:	09-Oct-2024 17:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-8	Lab Sample ID:	460-312971-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	15163	7.484834
7.18	97.00	4673	
7.18	85.00	1902	

Reviewer: C1JX, 09-Oct-2024 18:15:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

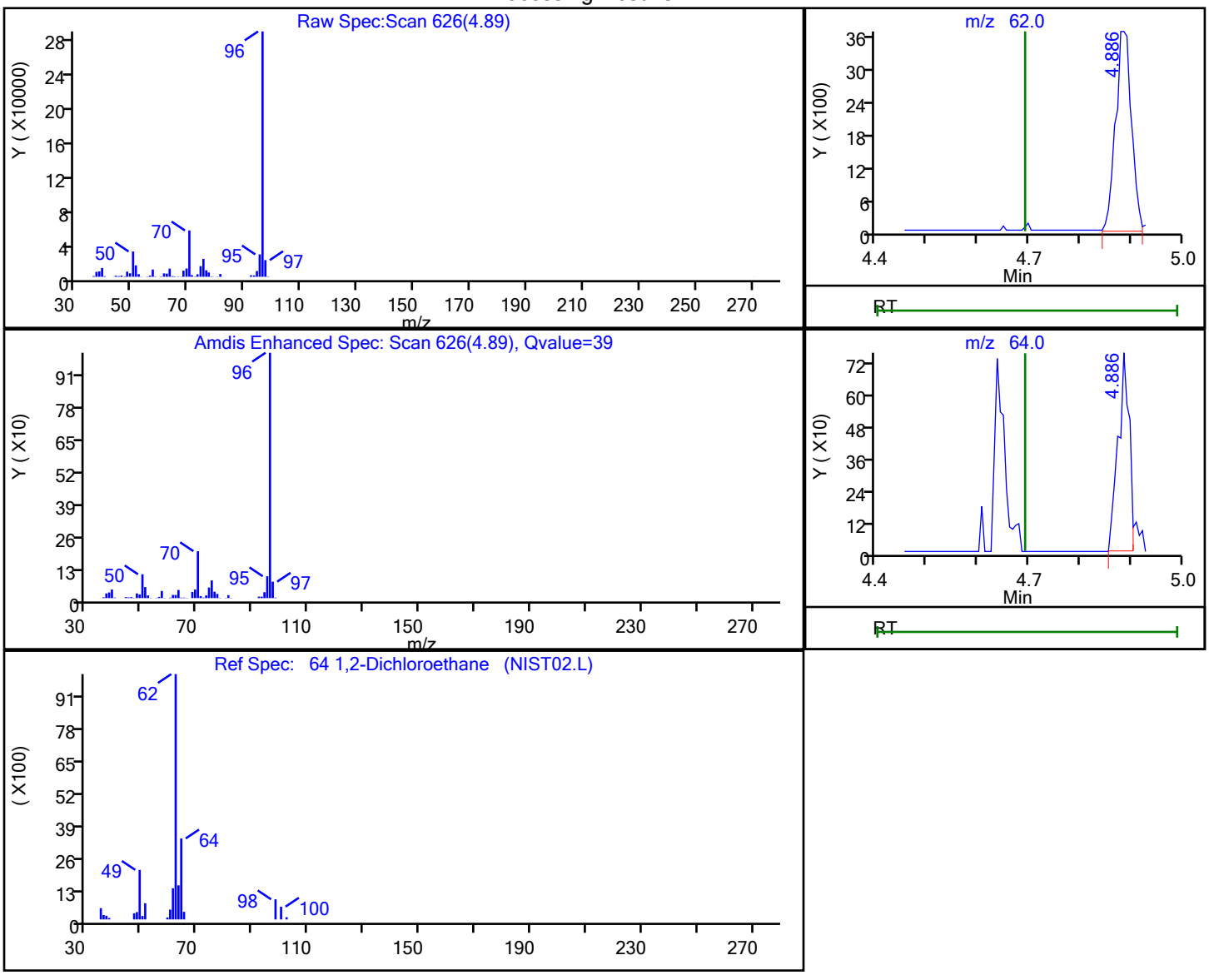
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857275.D				
Injection Date:	09-Oct-2024 17:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-8	Lab Sample ID:	460-312971-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.89	62.00	7962	2.264874
4.89	64.00	1162	

Reviewer: C1JX, 09-Oct-2024 18:15:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-312971-9

Matrix: Water | Lab File ID: TT857272.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	8.9		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-312971-9

Matrix: Water | Lab File ID: TT857272.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 16:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857272.D
Lims ID: 460-312971-A-9
Client ID: A-07
Sample Type: Client
Inject. Date: 09-Oct-2024 16:57:30 ALS Bottle#: 32 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-9
Misc. Info.: 460-0181932-033
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:00:08 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 17:24:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.820	2.844	-0.024	0	33661	1000.0	
* 42 2-Butanone-d5	46	3.826	3.826	0.000	0	254910	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	95	137929	49.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	164359	57.9	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	594176	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	21774	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	561629	48.9	
88 Tetrachloroethene	166	7.179	7.179	0.000	96	29460	8.87	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	420980	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	167781	48.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	222507	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 17:00:33 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857272.D

Injection Date: 09-Oct-2024 16:57:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-9 Lab Sample ID: 460-312971-9

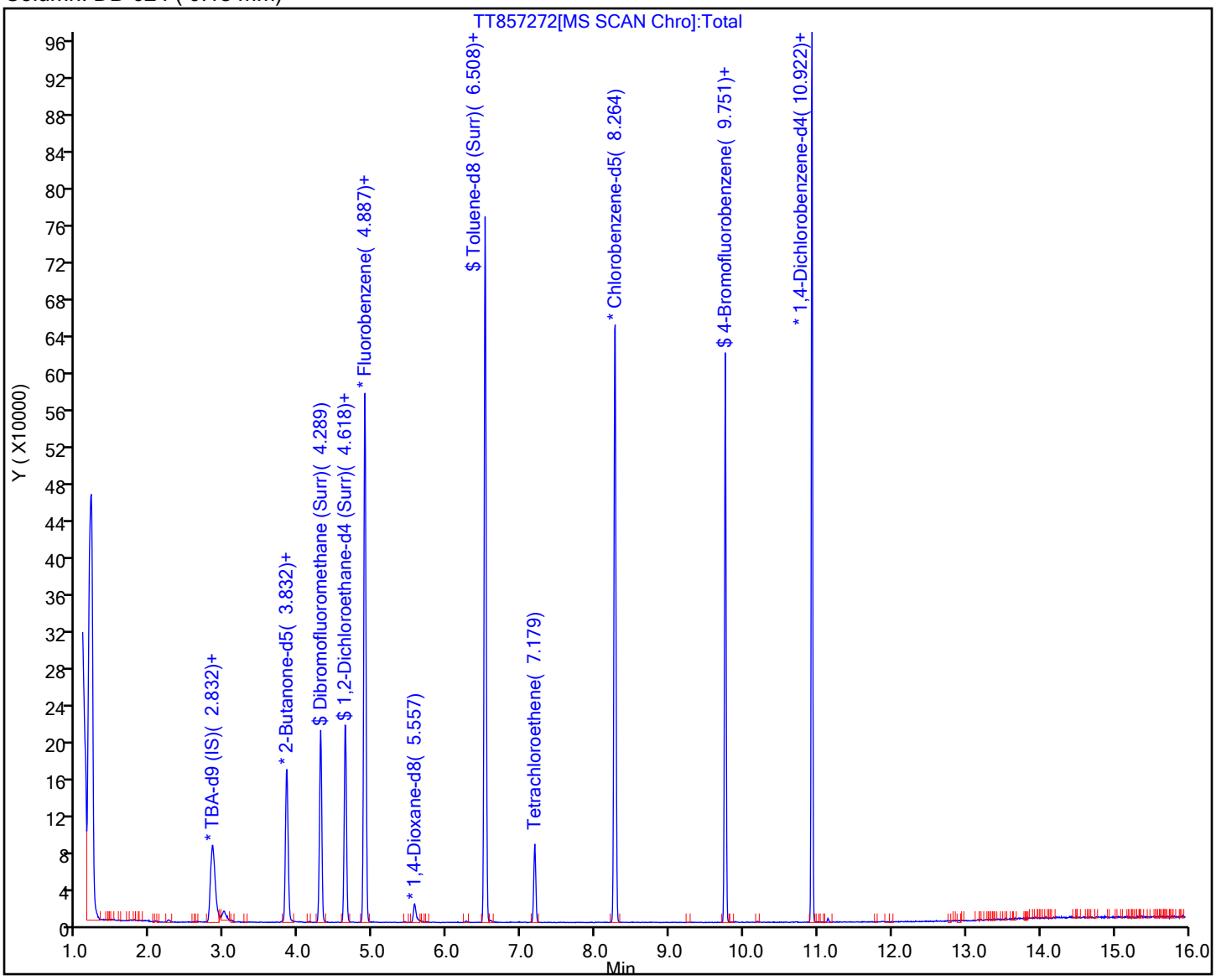
Client ID: A-07

Operator ID: ALS Bottle#: 32 Worklist Smp#: 33

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857272.D				
Lims ID:	460-312971-A-9				
Client ID:	A-07				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 16:57:30	ALS Bottle#:	32	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-9				
Misc. Info.:	460-0181932-033				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:00:08	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: C1JX Date: 09-Oct-2024 17:24:10

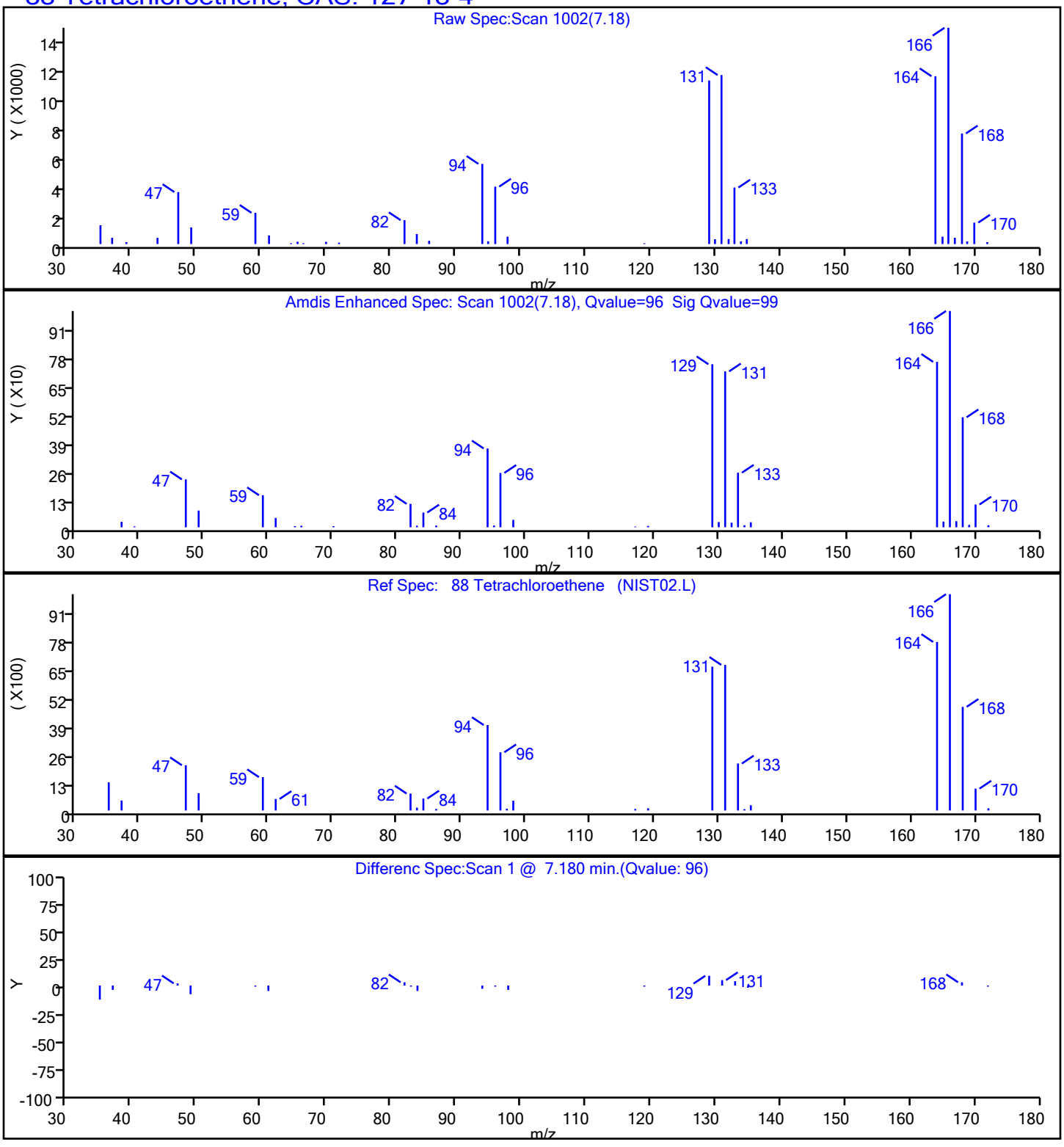
Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.5	99.07
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.9	115.72
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.90
$ 105 4-Bromofluorobenzene	50.0	48.1	96.18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857272.D

Injection Date:	09-Oct-2024 16:57:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-9	Lab Sample ID:	460-312971-9
Client ID:	A-07		
Operator ID:		ALS Bottle#:	32 Worklist Smp#: 33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-312971-10

Matrix: Water | Lab File ID: TT857273.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	100		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-312971-10

Matrix: Water | Lab File ID: TT857273.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D
Lims ID: 460-312971-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 09-Oct-2024 17:17:30 ALS Bottle#: 33 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-10
Misc. Info.: 460-0181932-034
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:00:08 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 17:37:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	34332	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	255081	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	140800	50.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	163020	57.0	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	597722	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.551	0.012	0	22748	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	555229	48.3	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	338744	101.7	
* 94 Chlorobenzene-d5	117	8.258	8.264	-0.006	86	422173	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	163686	46.8	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	221162	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 17:00:46 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D

Injection Date: 09-Oct-2024 17:17:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-10 Lab Sample ID: 460-312971-10

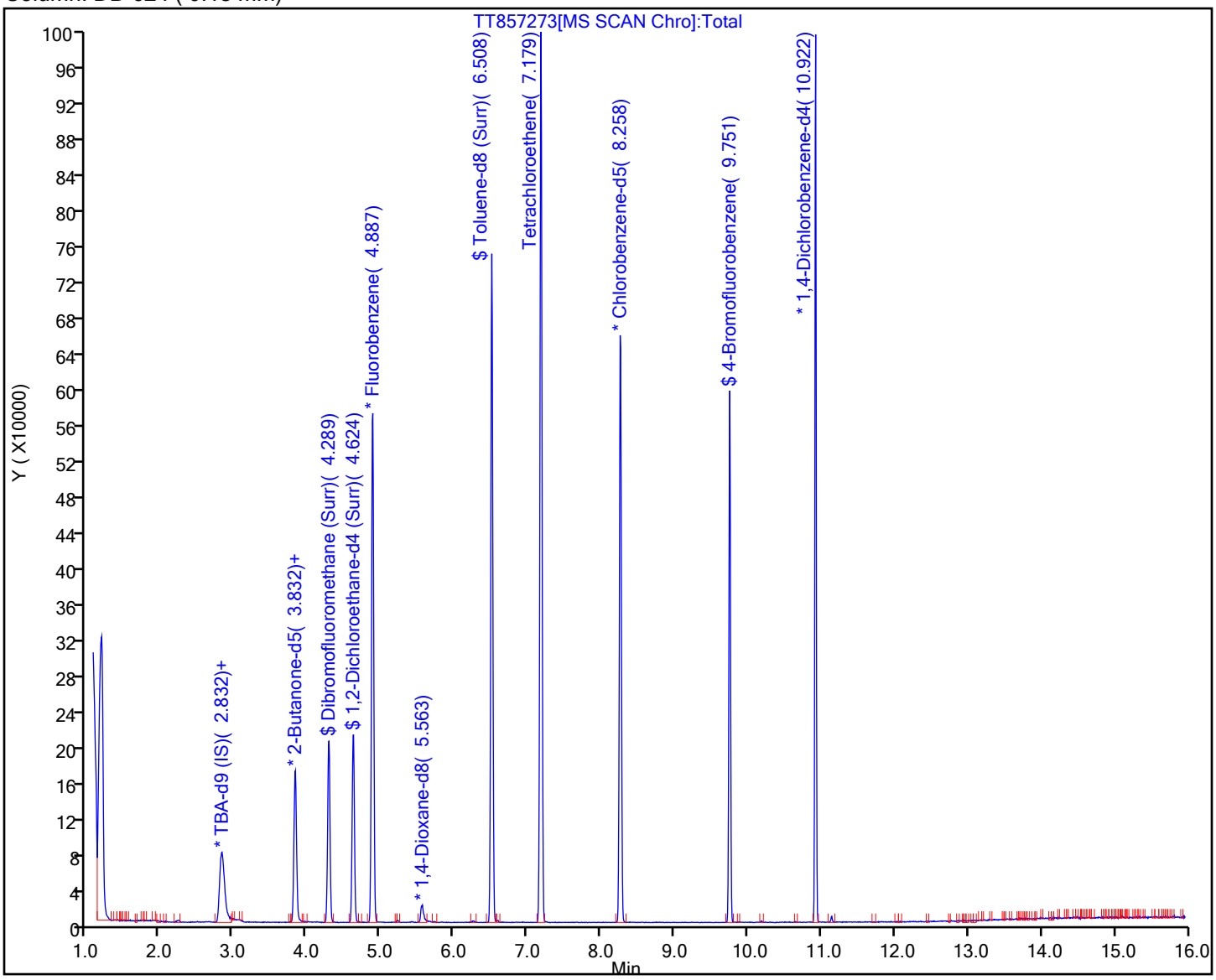
Client ID: A-05

Operator ID: ALS Bottle#: 33 Worklist Smp#: 34

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D				
Lims ID:	460-312971-A-10				
Client ID:	A-05				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 17:17:30	ALS Bottle#:	33	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-10				
Misc. Info.:	460-0181932-034				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:00:08	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

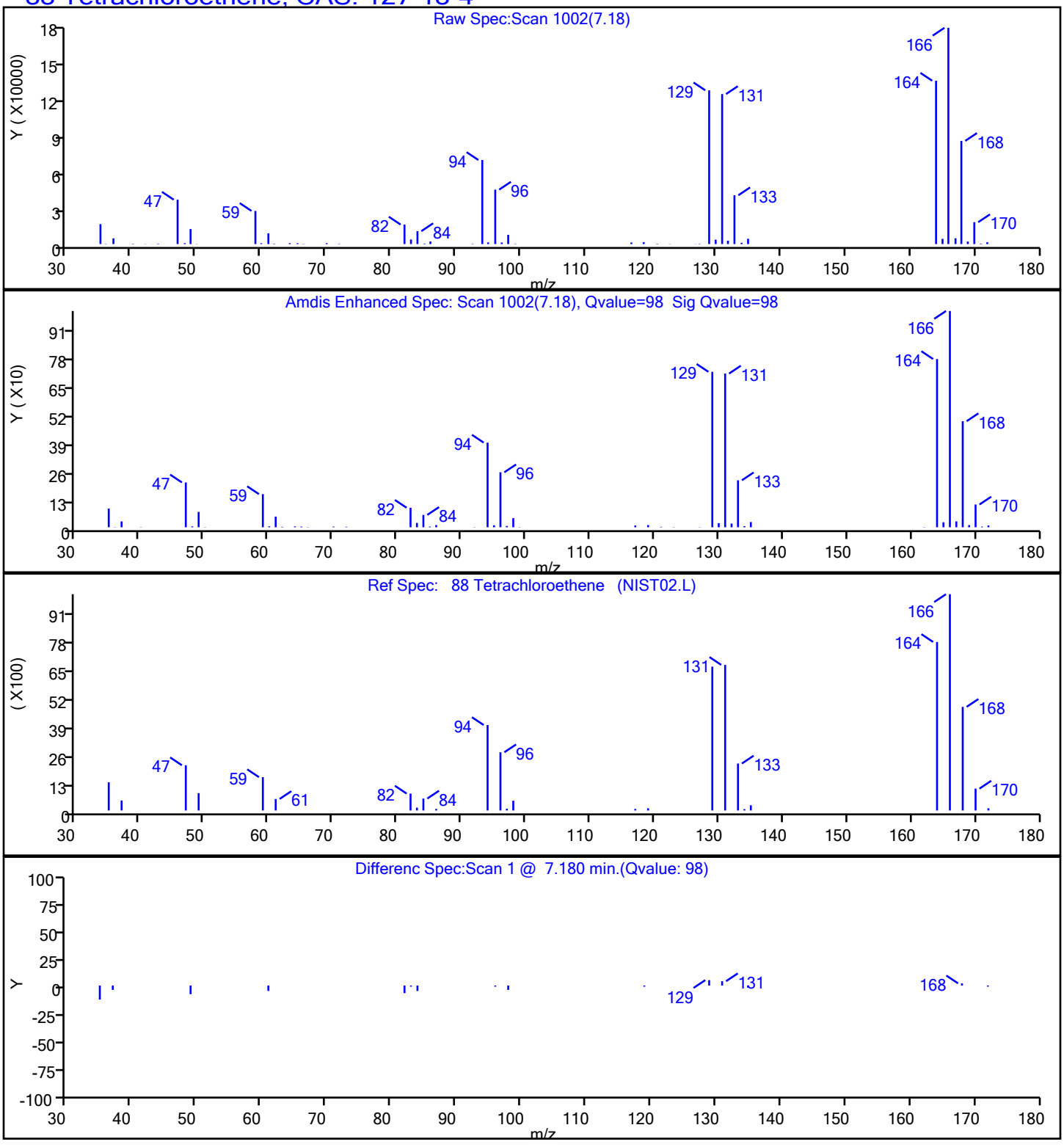
First Level Reviewer: C1JX Date: 09-Oct-2024 17:37:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.3	100.54
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.0	114.09
$ 83 Toluene-d8 (Surr)	50.0	48.3	96.51
$ 105 4-Bromofluorobenzene	50.0	46.8	93.57

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D		
Injection Date:	09-Oct-2024 17:17:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-10	Lab Sample ID:	460-312971-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	33 Worklist Smp#: 34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



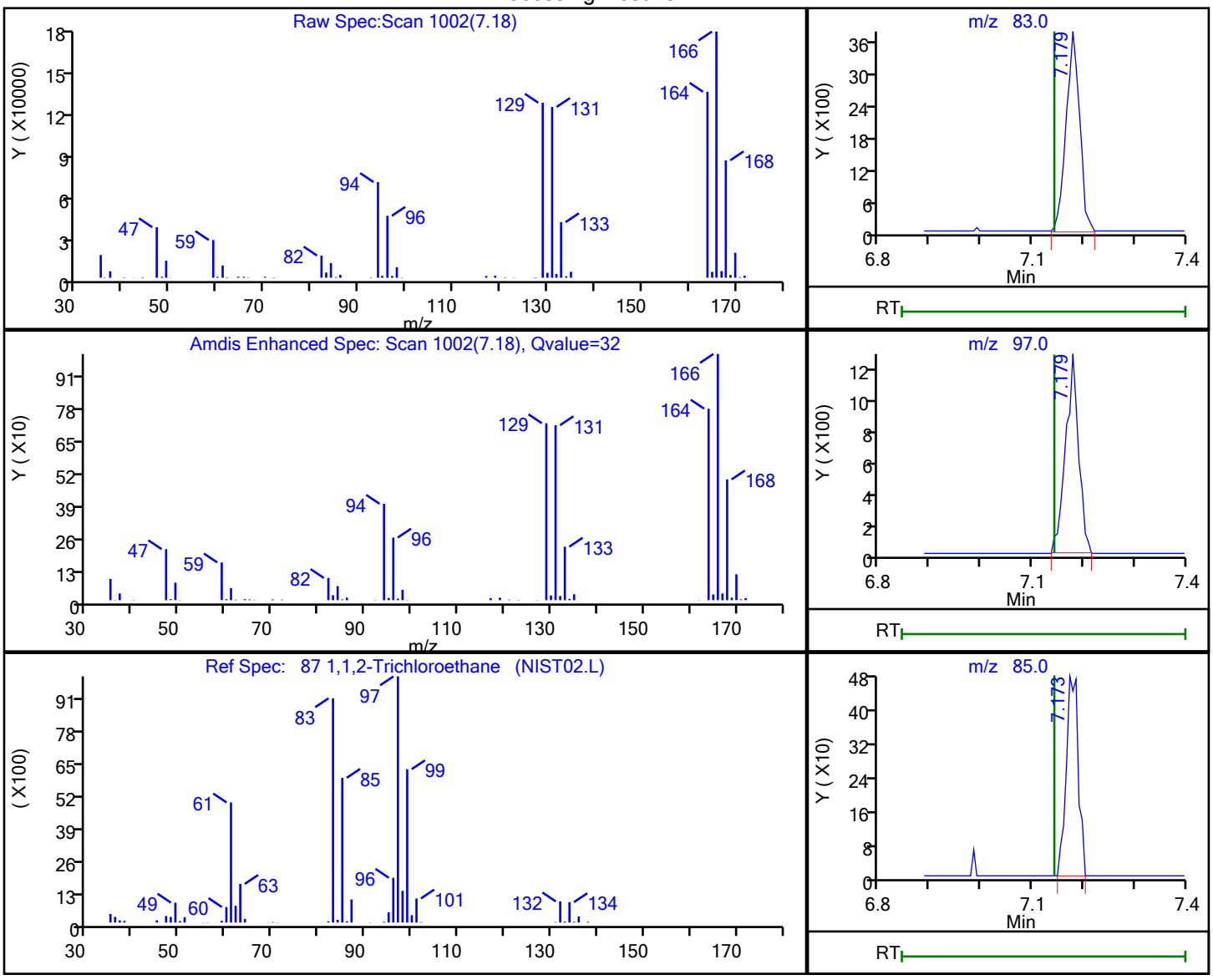
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D				
Injection Date:	09-Oct-2024 17:17:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-10	Lab Sample ID:	460-312971-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	6849	3.367423
7.18	97.00	2166	
7.17	85.00	789	

Reviewer: C1JX, 09-Oct-2024 17:36:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

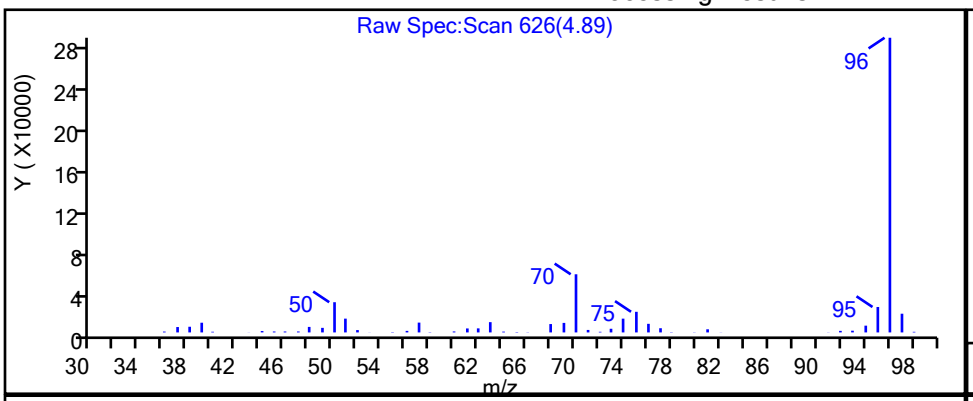
User Disabled Compound Report

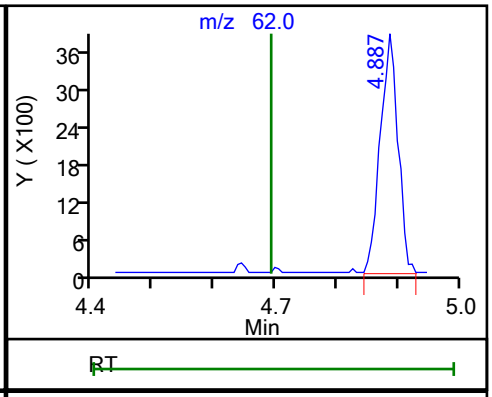
Eurofins Edison

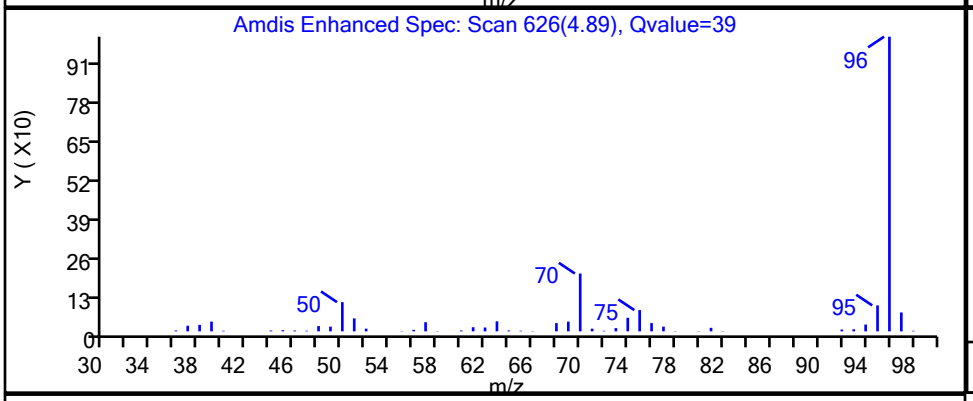
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857273.D				
Injection Date:	09-Oct-2024 17:17:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-10	Lab Sample ID:	460-312971-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

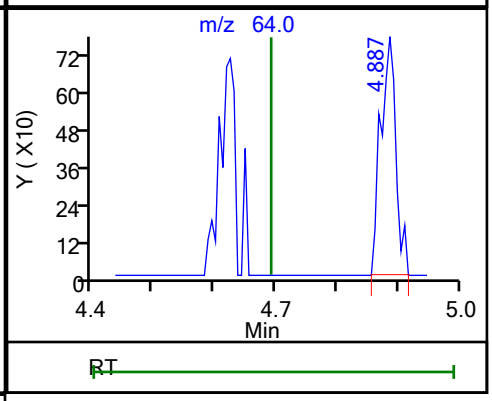
64 1,2-Dichloroethane, CAS: 107-06-2

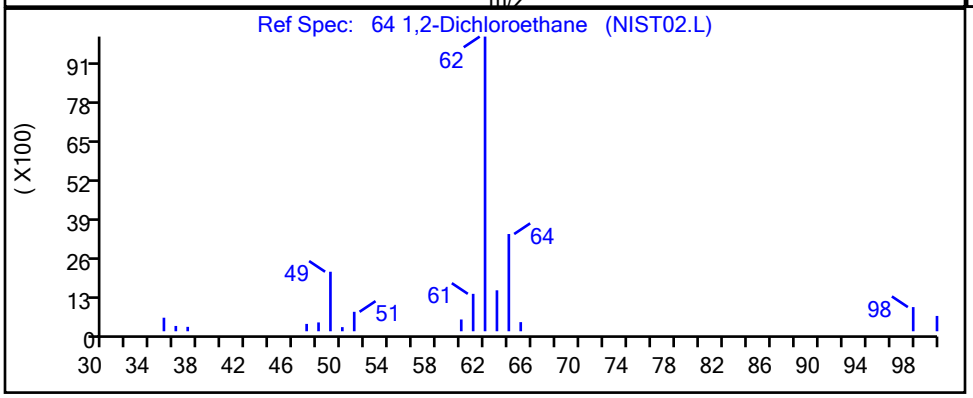
Processing Results











RT	Mass	Response	Amount
4.89	62.00	7780	2.194952
4.89	64.00	1355	

Reviewer: C1JX, 09-Oct-2024 17:36:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-312971-11

Matrix: Water | Lab File ID: TT857274.D

Analysis Method: 8260D | Date Collected: 10/03/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.91	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	13		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.52	J	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-312971-11

Matrix: Water | Lab File ID: TT857274.D

Analysis Method: 8260D | Date Collected: 10/03/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 17:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D
Lims ID: 460-312971-A-11
Client ID: A-10
Sample Type: Client
Inject. Date: 09-Oct-2024 17:36:30 ALS Bottle#: 34 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-11
Misc. Info.: 460-0181932-035
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:01:25 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 17:58:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.497	1.491	0.006	49	3563	0.9091	M
* 31 TBA-d9 (IS)	66	2.844	2.844	0.000	0	35353	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	258785	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	142925	51.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	164109	57.7	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	594734	50.0	
68 Trichloroethene	95	5.228	5.222	0.006	90	1703	0.5230	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	21967	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.508	0.006	99	561980	48.8	
88 Tetrachloroethene	166	7.179	7.179	0.000	96	44630	13.4	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	422521	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	163072	46.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	217873	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 17:02:14 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D

Injection Date: 09-Oct-2024 17:36:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-11 Lab Sample ID: 460-312971-11

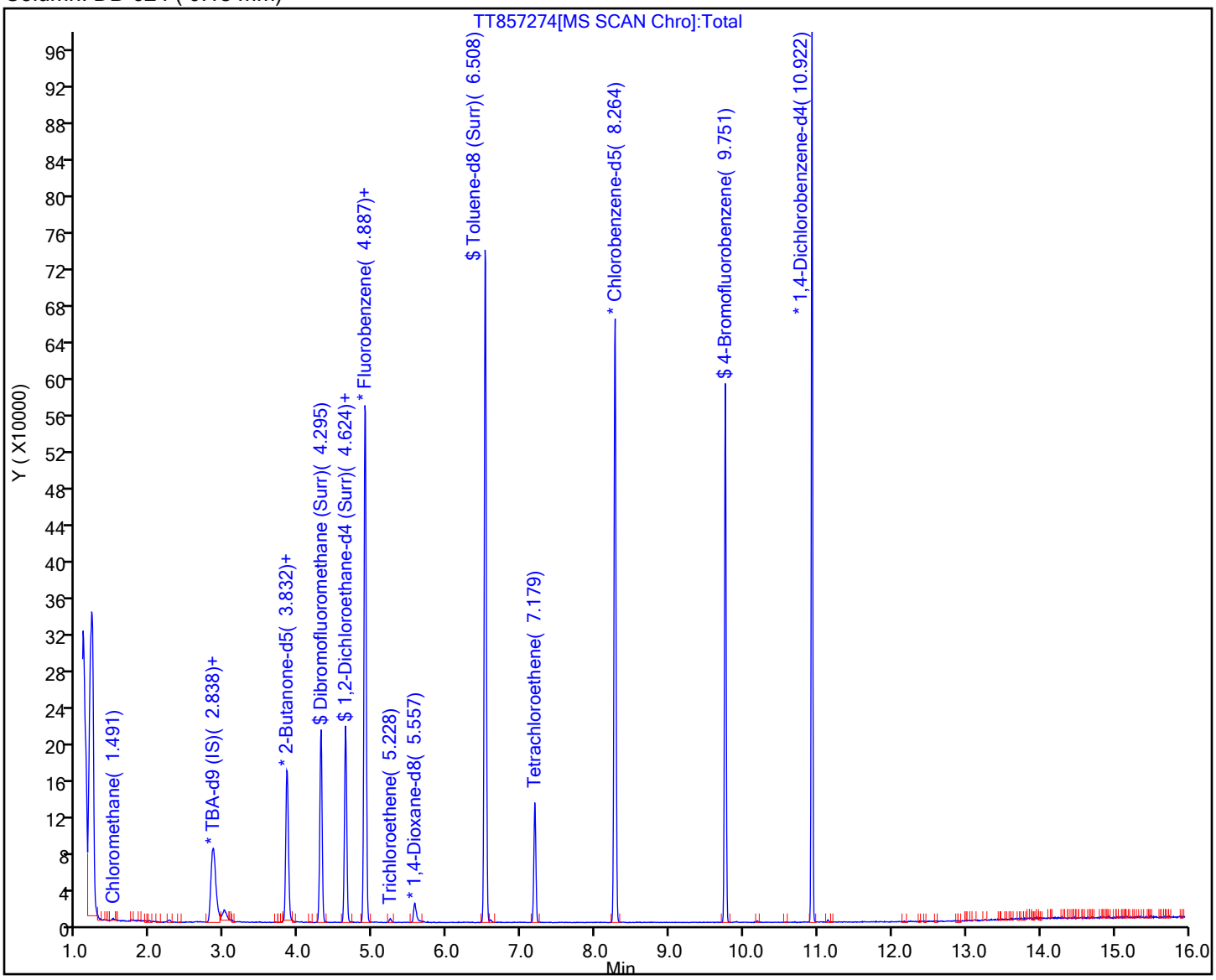
Client ID: A-10

Operator ID: ALS Bottle#: 34 Worklist Smp#: 35

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D				
Lims ID:	460-312971-A-11				
Client ID:	A-10				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 17:36:30	ALS Bottle#:	34	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-11				
Misc. Info.:	460-0181932-035				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:01:25	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

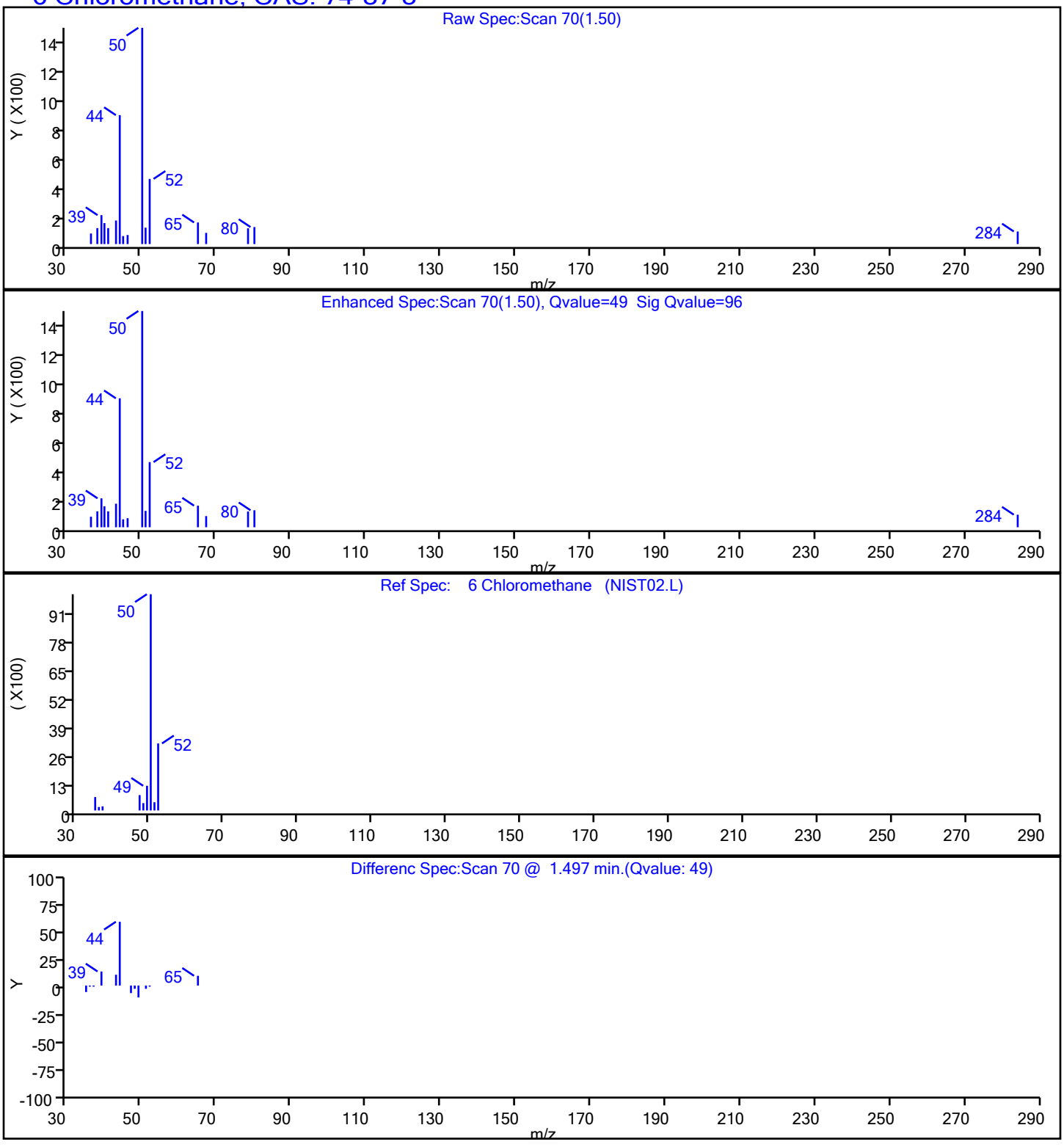
First Level Reviewer: C1JX Date: 09-Oct-2024 17:58:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.3	102.57
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.7	115.43
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.60
$ 105 4-Bromofluorobenzene	50.0	46.6	93.14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D
Injection Date: 09-Oct-2024 17:36:30 Instrument ID: CVOAMS17
Lims ID: 460-312971-A-11 Lab Sample ID: 460-312971-11
Client ID: A-10
Operator ID: ALS Bottle#: 34 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

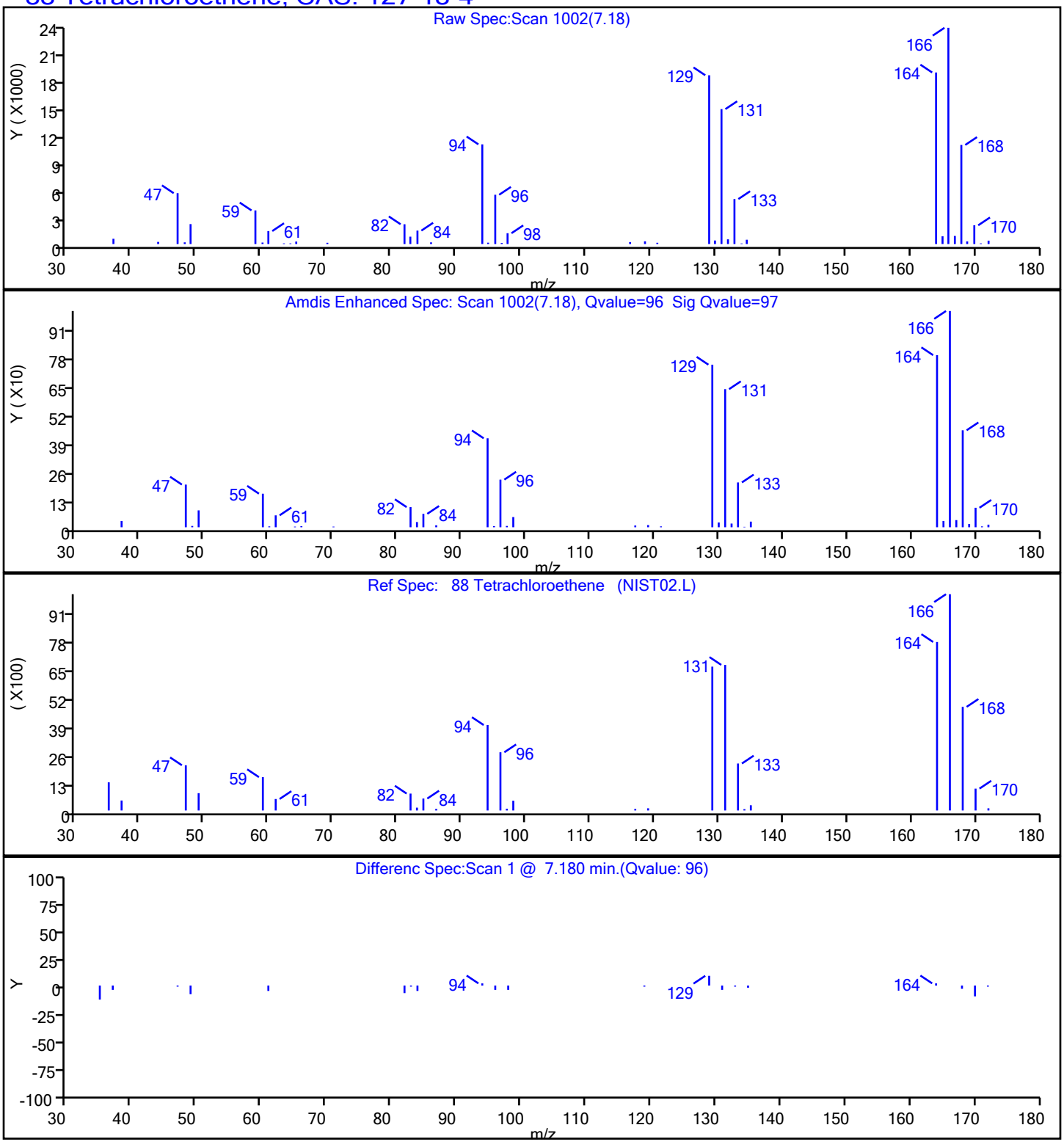


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D

Injection Date:	09-Oct-2024 17:36:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-11	Lab Sample ID:	460-312971-11
Client ID:	A-10		
Operator ID:		ALS Bottle#:	34 Worklist Smp#: 35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



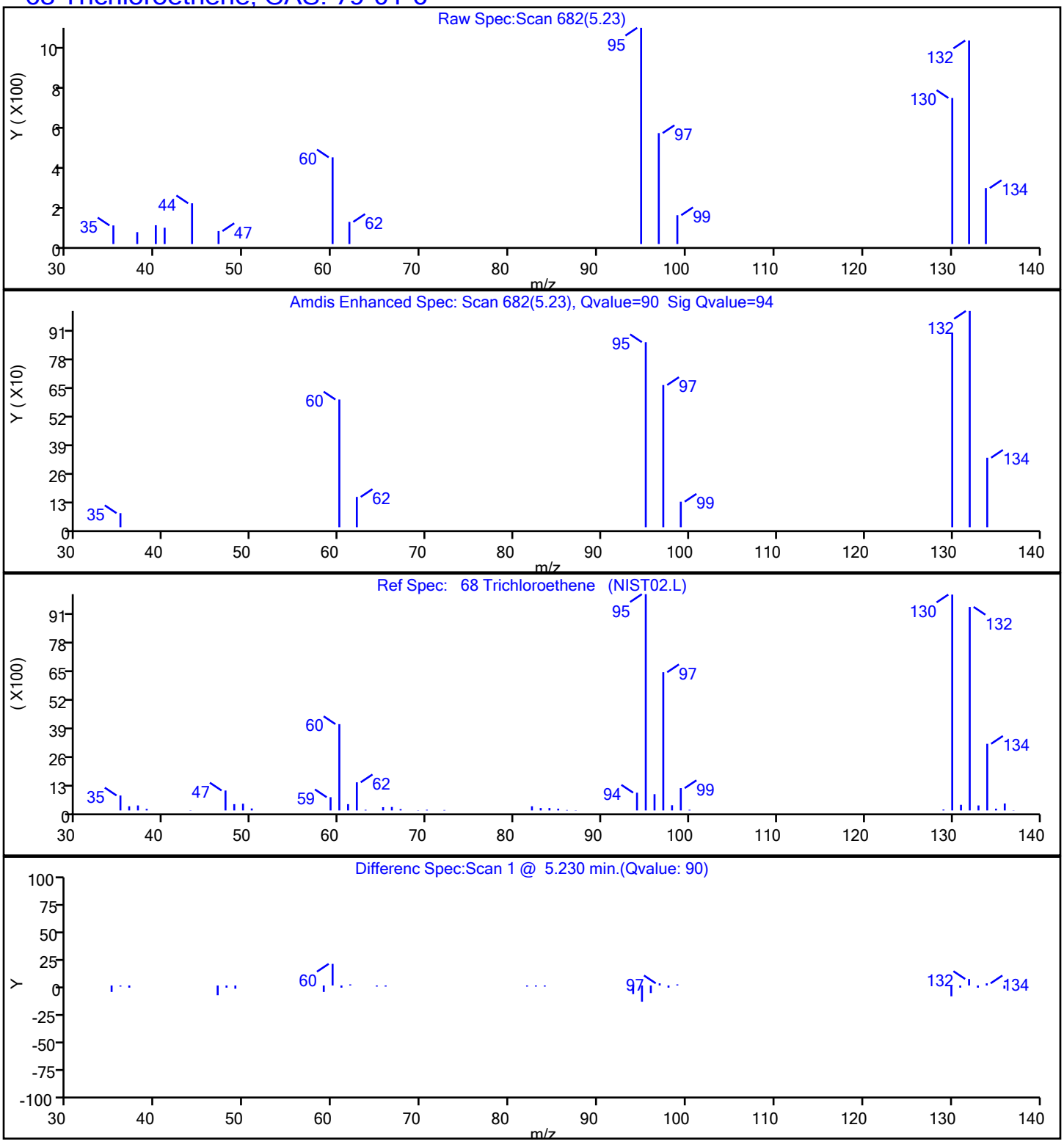
Report Date: 10-Oct-2024 17:02:14 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D

Injection Date:	09-Oct-2024 17:36:30	Instrument ID:	CVOAMS17
Lims ID:	460-312971-A-11	Lab Sample ID:	460-312971-11
Client ID:	A-10		
Operator ID:		ALS Bottle#:	34 Worklist Smp#: 35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

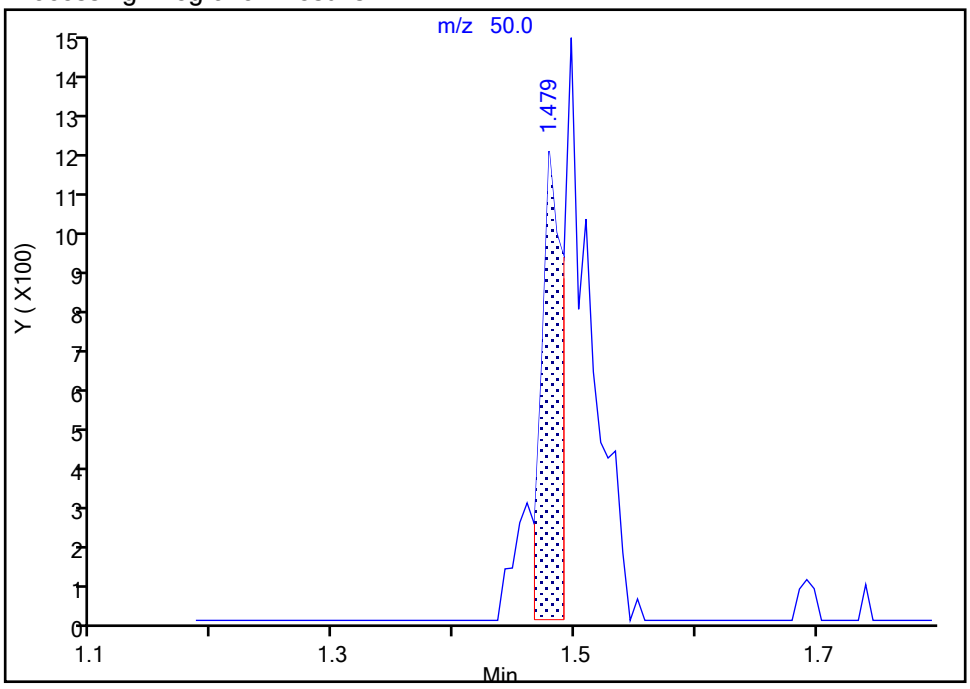
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857274.D
Injection Date: 09-Oct-2024 17:36:30 Instrument ID: CVOAMS17
Lims ID: 460-312971-A-11 Lab Sample ID: 460-312971-11
Client ID: A-10
Operator ID: ALS Bottle#: 34 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

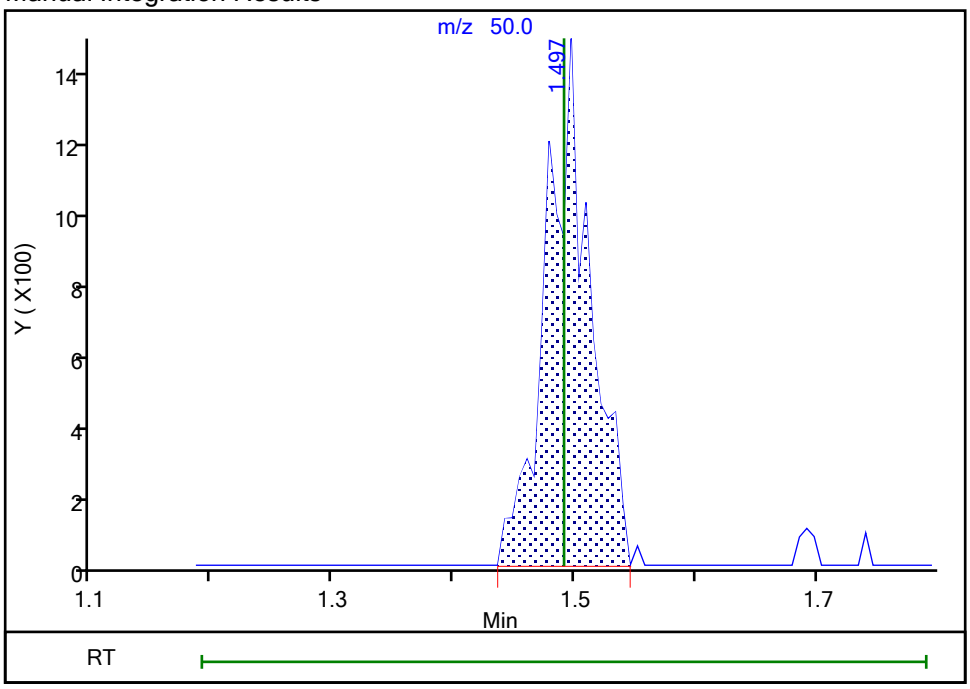
Processing Integration Results

RT: 1.48
Area: 1398
Amount: 0.356708
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 3563
Amount: 0.909121
Amount Units: ug/l



Reviewer: XE5L, 10-Oct-2024 17:01:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: FB1003 | Lab Sample ID: 460-312971-12

Matrix: Water | Lab File ID: TT857288.D

Analysis Method: 8260D | Date Collected: 10/03/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: FB1003 | Lab Sample ID: 460-312971-12

Matrix: Water | Lab File ID: TT857288.D

Analysis Method: 8260D | Date Collected: 10/03/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857288.D
Lims ID: 460-312971-A-12
Client ID: FB1003
Sample Type: Client
Inject. Date: 09-Oct-2024 21:56:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-12
Misc. Info.: 460-0181961-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 06:49:04 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: C1JX Date: 09-Oct-2024 22:21:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.826	0.006	0	34717	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	251981	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	146251	52.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	166282	57.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	600759	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	22268	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	554334	49.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	409375	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	91	161342	47.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	216804	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 06:50:26 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857288.D

Injection Date: 09-Oct-2024 21:56:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-12 Lab Sample ID: 460-312971-12

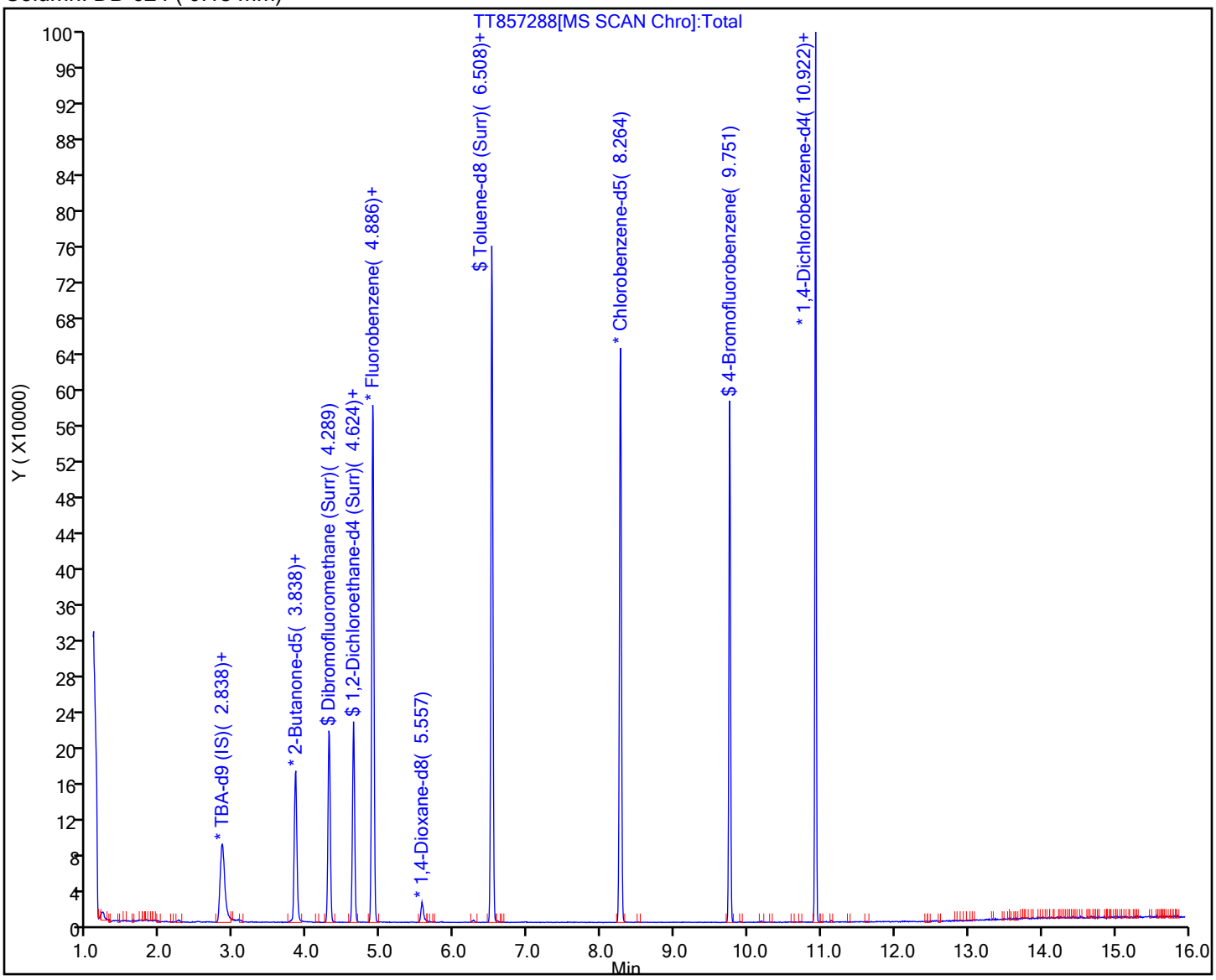
Client ID: FB1003

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857288.D				
Lims ID:	460-312971-A-12				
Client ID:	FB1003				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 21:56:30	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-12				
Misc. Info.:	460-0181961-013				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 06:49:04	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1618				

First Level Reviewer: C1JX Date: 09-Oct-2024 22:21:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.0	103.90
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.9	115.79
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.36
$ 105 4-Bromofluorobenzene	50.0	47.6	95.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-312971-13

Matrix: Water | Lab File ID: TT857289.D

Analysis Method: 8260D | Date Collected: 10/03/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-312971-13

Matrix: Water | Lab File ID: TT857289.D

Analysis Method: 8260D | Date Collected: 10/03/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 22:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857289.D
Lims ID: 460-312971-A-13
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 09-Oct-2024 22:15:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-13
Misc. Info.: 460-0181961-014
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 06:49:04 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: C1JX Date: 09-Oct-2024 22:50:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.826	0.012	0	33255	1000.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	250545	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	142591	52.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	164979	59.1	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	583663	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	22537	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	536210	48.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	403697	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	92	161135	48.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	217132	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 06:50:27 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857289.D

Injection Date: 09-Oct-2024 22:15:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-13 Lab Sample ID: 460-312971-13

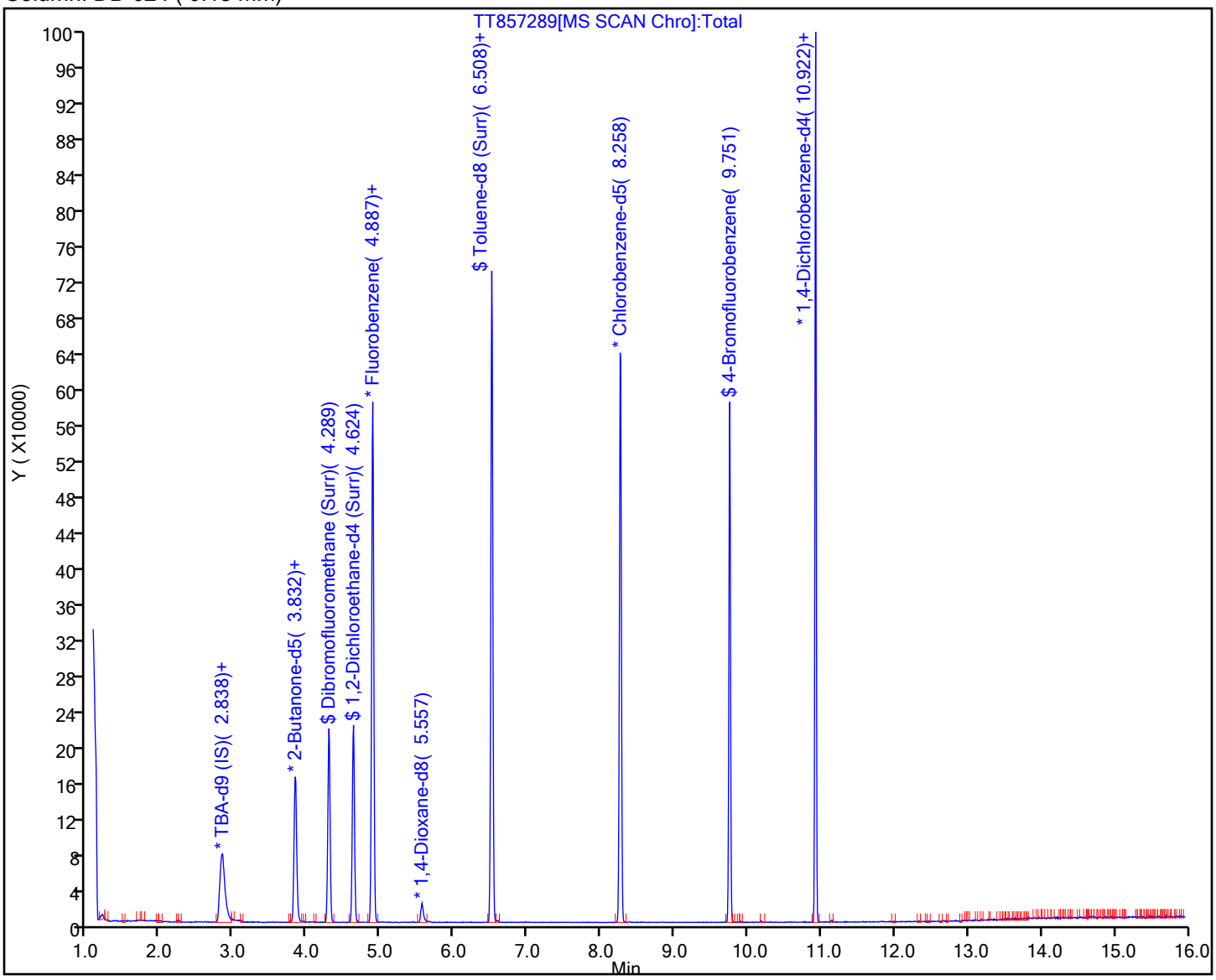
Client ID: Trip Blank

Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857289.D				
Lims ID:	460-312971-A-13				
Client ID:	Trip Blank				
Sample Type:	Client				
Inject. Date:	09-Oct-2024 22:15:30	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-13				
Misc. Info.:	460-0181961-014				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 06:49:04	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1618				

First Level Reviewer: C1JX Date: 09-Oct-2024 22:50:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.1	104.27
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.1	118.25
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.47
$ 105 4-Bromofluorobenzene	50.0	48.2	96.32

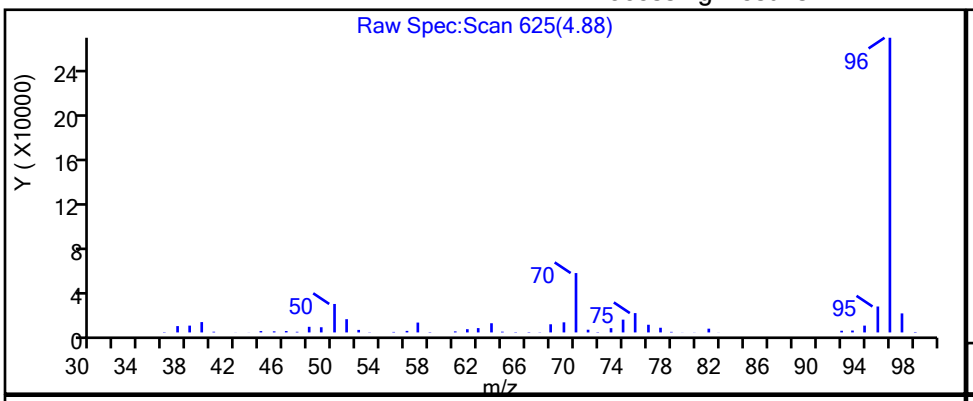
User Disabled Compound Report

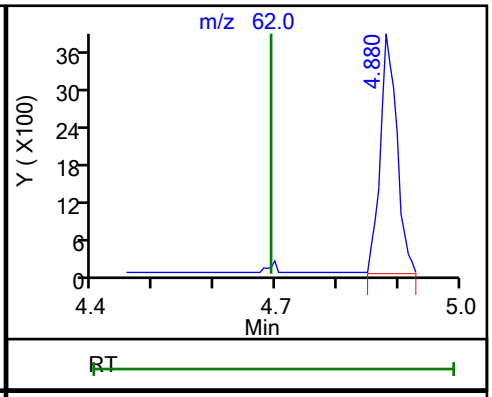
Eurofins Edison

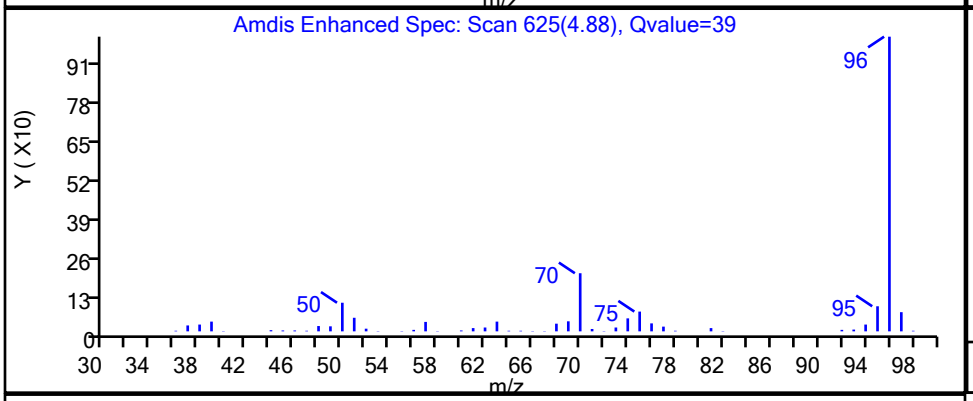
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857289.D				
Injection Date:	09-Oct-2024 22:15:30	Instrument ID:	CVOAMS17		
Lims ID:	460-312971-A-13	Lab Sample ID:	460-312971-13		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

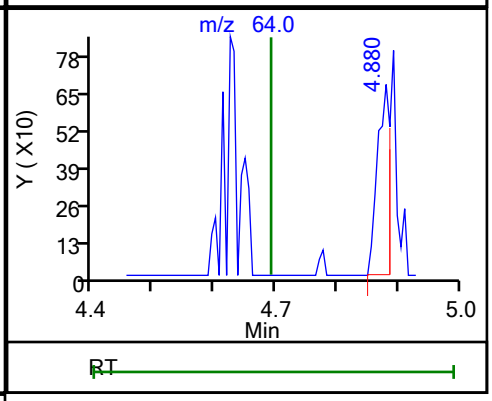
64 1,2-Dichloroethane, CAS: 107-06-2

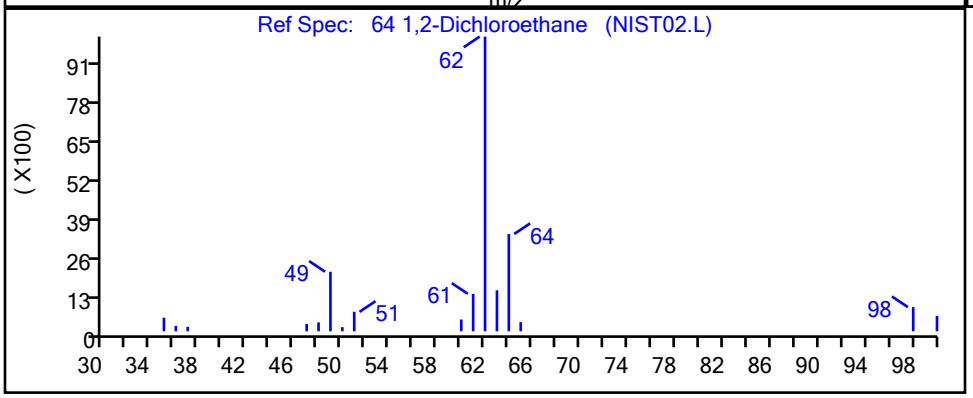
Processing Results











RT	Mass	Response	Amount
4.88	62.00	7297	2.108273
4.88	64.00	968	

Reviewer: C1JX, 09-Oct-2024 22:45:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-312971-14

Matrix: Water | Lab File ID: K65068.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 11:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.75	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	7.8		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U *	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-312971-14

Matrix: Water | Lab File ID: K65068.D

Analysis Method: 8260D | Date Collected: 10/03/2024 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 11:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	80		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D
Lims ID: 460-312971-A-14
Client ID: A-09
Sample Type: Client
Inject. Date: 17-Oct-2024 11:44:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-14
Misc. Info.: 460-0182275-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:34:24 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: RD6L Date: 17-Oct-2024 12:11:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.199	1.199	0.000	99	5702	0.7522	
* 31 TBA-d9 (IS)	65	2.033	2.045	-0.012	99	351020	1000.0	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	99	243425	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	97	157254	54.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	143926	44.3	
* 65 Fluorobenzene	96	3.690	3.690	0.000	99	407139	50.0	
* 72 1,4-Dioxane-d8	96	4.319	4.308	0.011	41	28394	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	525841	40.1	
88 Tetrachloroethene	166	6.022	6.022	0.000	94	23828	7.82	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	85	401749	50.0	
$ 105 4-Bromofluorobenzene	174	8.879	8.880	-0.001	92	178315	56.9	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	95	247880	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00207 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00251 Amount Added: 1.00 Units: uL Run Reagent

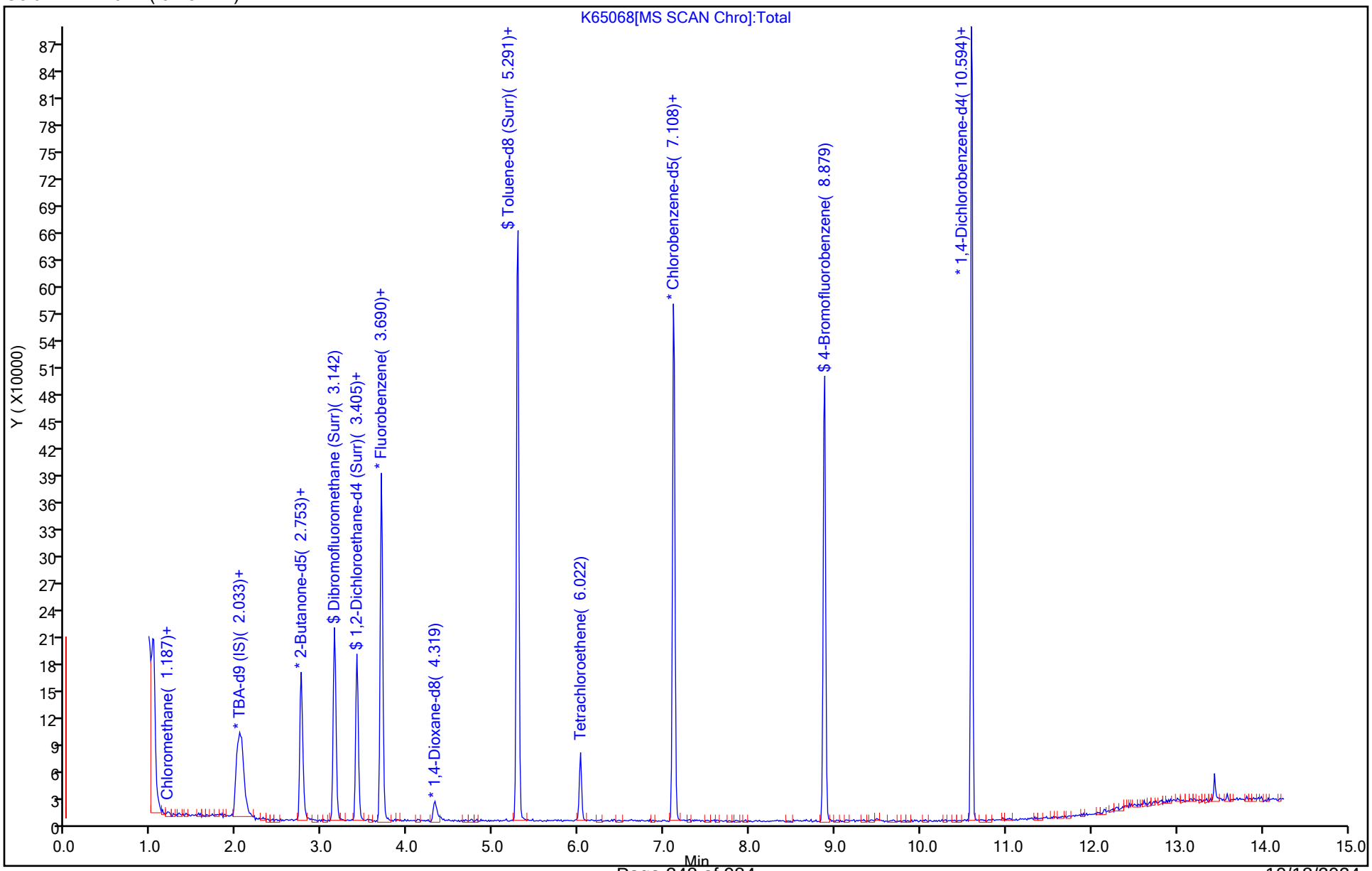
Report Date: 17-Oct-2024 14:35:13 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D

Injection Date:	17-Oct-2024 11:44:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-312971-A-14	Lab Sample ID:	460-312971-14	Worklist Smp#:	10
Client ID:	A-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D
Lims ID: 460-312971-A-14
Client ID: A-09
Sample Type: Client
Inject. Date: 17-Oct-2024 11:44:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-14
Misc. Info.: 460-0182275-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:34:24 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

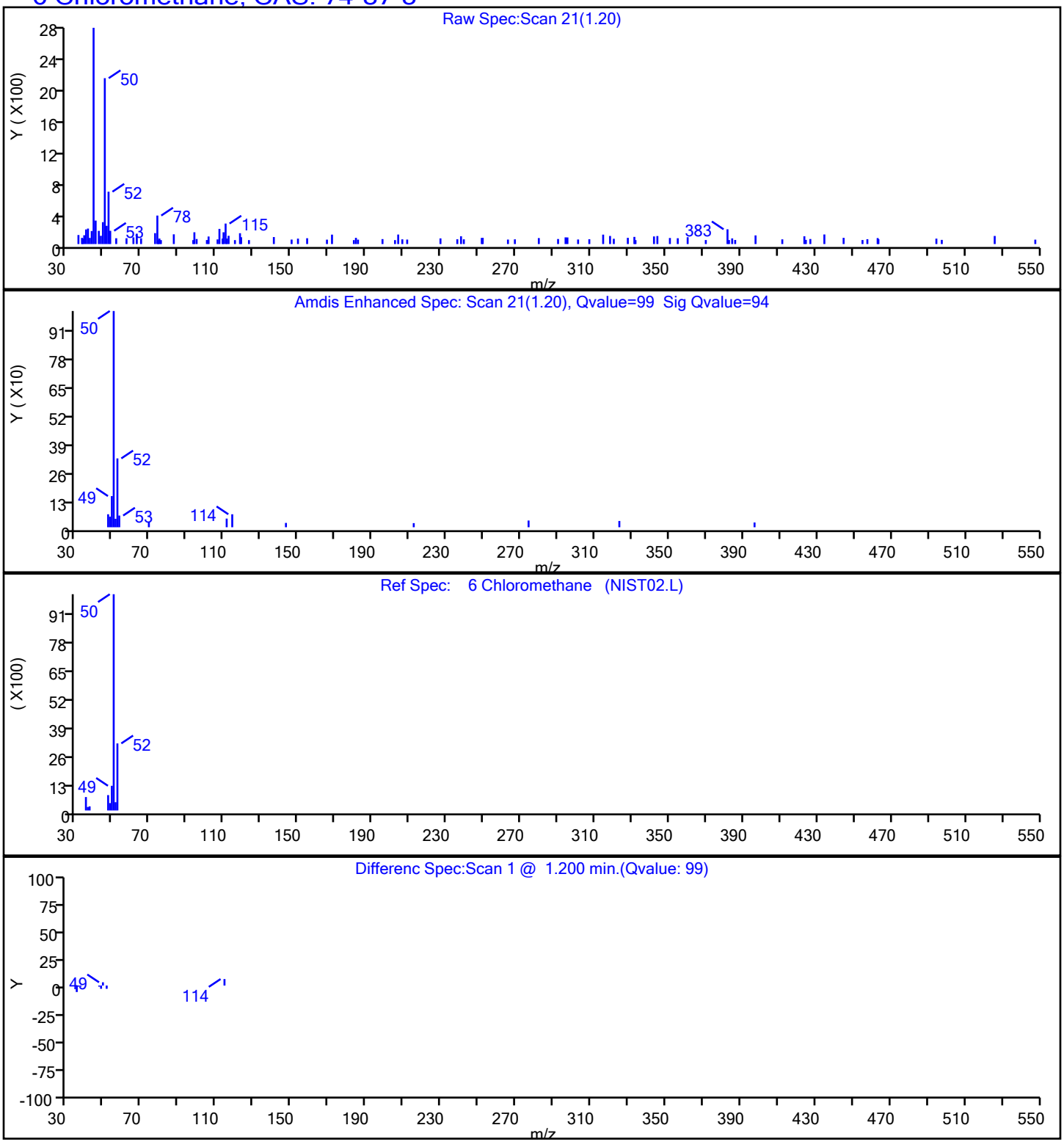
First Level Reviewer: RD6L Date: 17-Oct-2024 12:11:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.4	108.88
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.3	88.59
$ 83 Toluene-d8 (Surr)	50.0	40.1	80.16
$ 105 4-Bromofluorobenzene	50.0	56.9	113.73

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D				
Injection Date:	17-Oct-2024 11:44:30	Instrument ID:	CVOAMS9		
Lims ID:	460-312971-A-14	Lab Sample ID:	460-312971-14		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

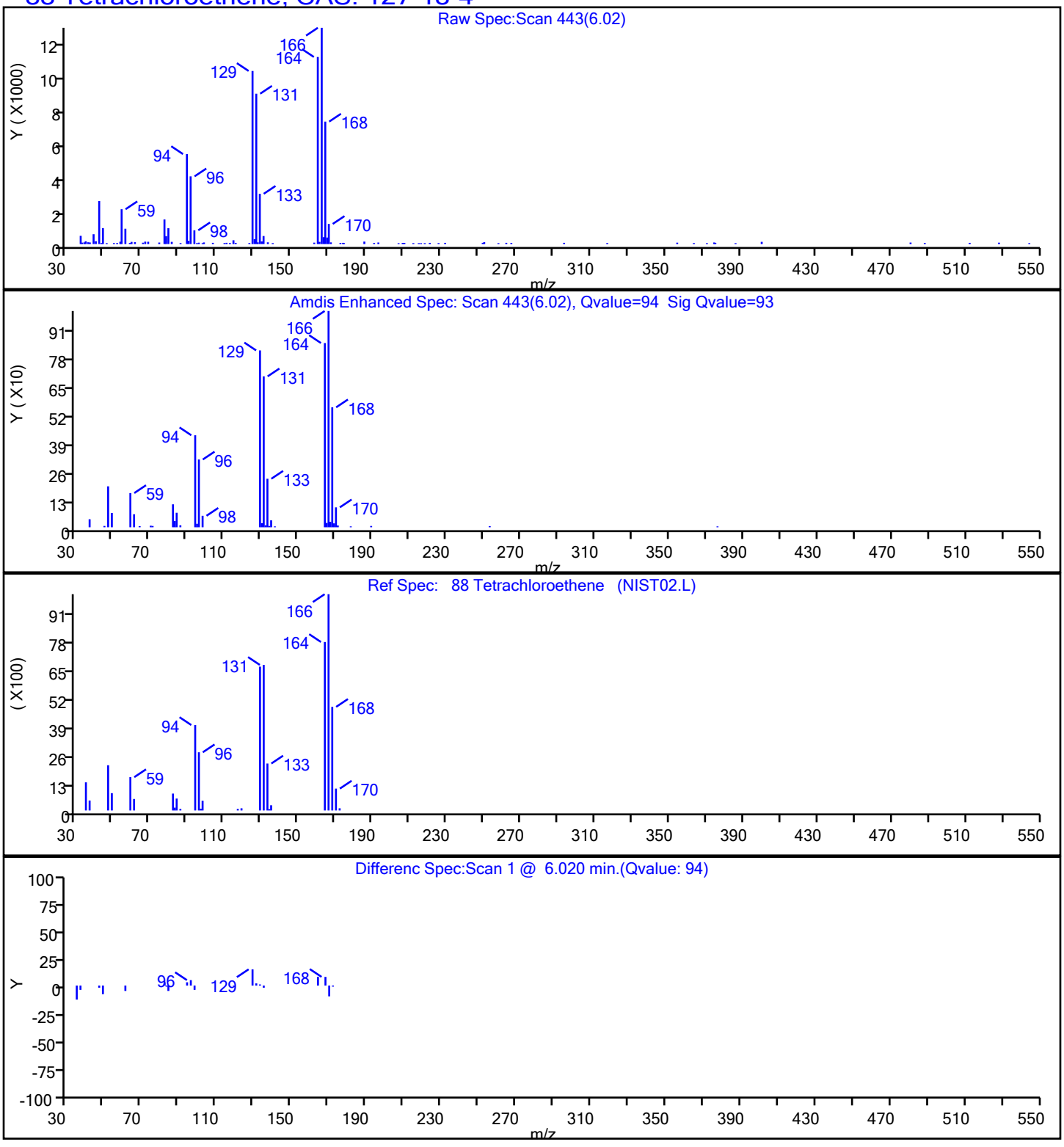
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D
Injection Date: 17-Oct-2024 11:44:30 Instrument ID: CVOAMS9
Lims ID: 460-312971-A-14 Lab Sample ID: 460-312971-14
Client ID: A-09
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins Edison

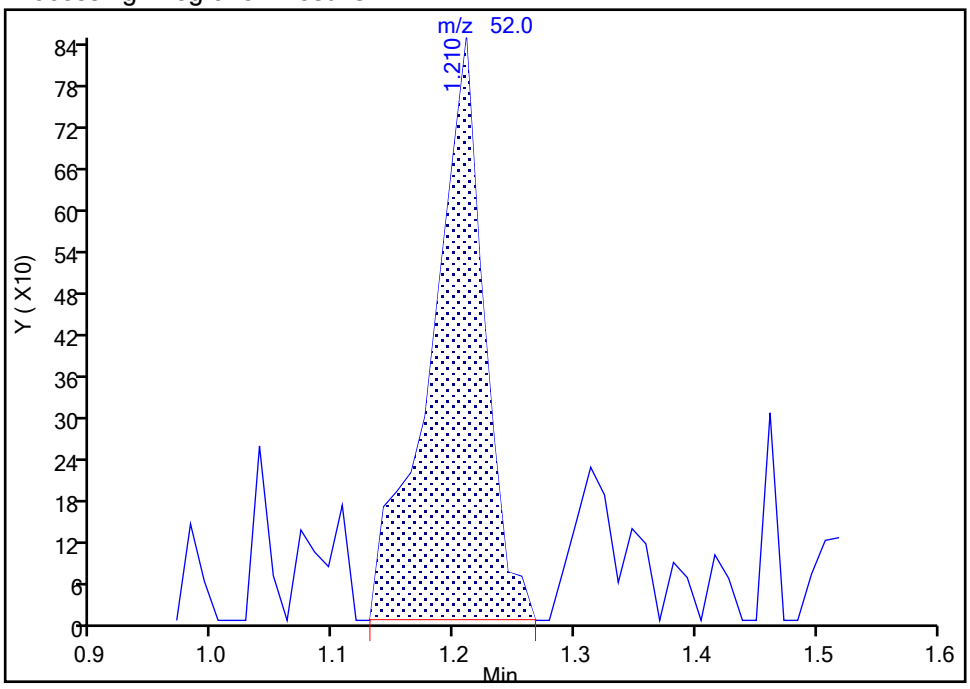
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65068.D		
Injection Date:	17-Oct-2024 11:44:30	Instrument ID:	CVOAMS9
Lims ID:	460-312971-A-14	Lab Sample ID:	460-312971-14
Client ID:	A-09		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 2

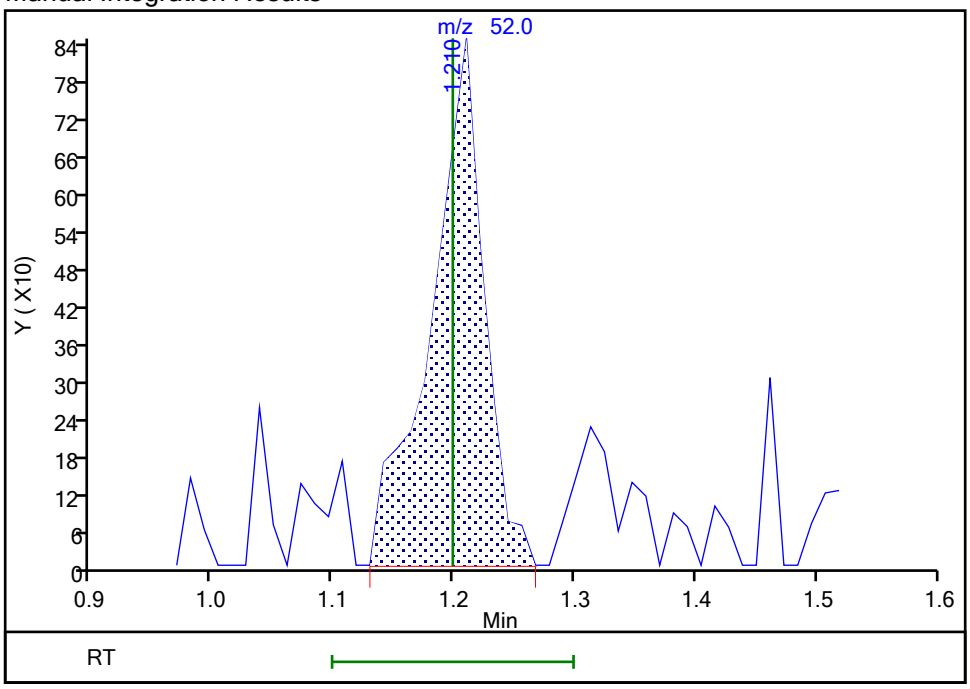
Processing Integration Results

RT: 1.21
Area: 2583
Amount: 0.752217
Amount Units: ug/l



Manual Integration Results

RT: 1.21
Area: 2583
Amount: 0.752217
Amount Units: ug/l



Reviewer: RD6L, 17-Oct-2024 12:10:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-997049/3	TT85351.D
Level 2	STD05 460-997049/4	TT85352.D
Level 3	STD1 460-997049/5	TT85353.D
Level 4	STD5 460-997049/6	TT85354.D
Level 5	STD20 460-997049/7	TT85355.D
Level 6	STD50 460-997049/8	TT85356.D
Level 7	STD200 460-997049/9	TT85357.D
Level 8	STD500 460-997049/10	TT85358.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0828	0.0617 0.0727	0.0797 0.0779	0.0738	0.0932	Ave		0.0774				12.5		20.0			
Dichlorodifluoromethane	+++++ 0.2640	0.2570 0.2766	0.2425 0.3021	0.2531	0.2958	Ave		0.2702			0.1000	8.3		20.0			
Chlorodifluoromethane	+++++ 0.0449	0.0542 0.0419	0.0530 0.0430	0.0448	0.0509	Ave		0.0475				10.6		20.0			
Chloromethane	+++++ 0.2931	0.4179 0.3150	0.3053 0.3248	0.3341	0.3162	Ave		0.3295			0.1000	12.5		20.0			
Vinyl chloride	+++++ 0.2962	0.3492 0.3073	0.3039 0.3242	0.3117	0.3217	Ave		0.3163			0.1000	5.5		20.0			
Butadiene	0.4022 0.3054	0.3697 0.3078	0.3314 0.3249	0.3345	0.3437	Ave		0.3400				9.5		20.0			
Bromomethane	+++++ 0.2174	0.2621 0.2121	0.2372 0.1905	0.2286	0.2364	Ave		0.2263			0.1000	10.0		20.0			
Chloroethane	+++++ 0.1767	0.1266 0.1757	0.2096 0.1703	0.1919	0.1909	Ave		0.1774			0.1000	14.7		20.0			
Dichlorofluoromethane	+++++ 0.5363	0.6374 0.5119	0.5163 0.5135	0.5509	0.5744	Ave		0.5487				8.3		20.0			
Trichlorofluoromethane	+++++ 0.3406	0.3879 0.3293	0.3141 0.3457	0.3404	0.3720	Ave		0.3471			0.1000	7.2		20.0			
Pentane	+++++ 0.0473	0.0352 0.0457	0.0406 0.0486	0.0443	0.0542	Ave		0.0451				13.4		20.0			
Ethanol	+++++ 0.3993	0.1968 0.3894	0.2910 0.4348	0.4166	0.4456	Lin2	-4.603	0.4215							0.9960		0.9900
Ethyl ether	+++++ 0.1509	0.3795 0.1432	0.2532 0.1416	0.1758	0.1570	Lin2	0.1149	0.1464							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isopropyl alcohol	+++++ 9.9056	+++++ 9.3816	15.999 9.9295	11.894	11.273	Lin2	60.325	10.113							0.9960		0.9900
2-Methyl-1,3-butadiene	+++++ 0.2323	0.2496 0.2409	0.2000 0.2507	0.2232	0.2581	Ave		0.2364				8.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2375	0.2593 0.2262	0.2389 0.2400	0.2058	0.2557	Ave		0.2376				7.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3736	0.3819 0.3524	0.3417 0.3725	0.3519	0.4076	Ave		0.3688				6.1		20.0			
Acrolein	+++++ 0.0302	0.0460 0.0324	0.0349 0.0340	0.0350	0.0338	Ave		0.0352				14.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2323	0.2775 0.2382	0.2060 0.2487	0.2502	0.2722	Ave		0.2464			0.1000	9.9		20.0			
1,1-Dichloroethene	+++++ 0.2501	0.2866 0.2534	0.2420 0.2595	0.2564	0.2648	Ave		0.2590			0.1000	5.5		20.0			
Acetone	+++++ 0.6704	1.0129 0.6615	0.8800 0.6772	0.6276	0.7238	Ave		0.7505			0.0500	18.9		20.0			
Iodomethane	+++++ 0.4511	0.4971 0.4567	0.4143 0.4543	0.4430	0.4842	Ave		0.4572				5.9		20.0			
Carbon disulfide	+++++ 0.9437	1.0753 0.9508	0.8719 0.8822	0.9575	1.0366	Ave		0.9597			0.1000	7.8		20.0			
3-Chloro-1-propene	+++++ 0.1828	0.2173 0.1815	0.1632 0.1886	0.1780	0.1850	Ave		0.1852				8.8		20.0			
Methyl acetate	+++++ 0.1301	0.1891 0.1260	0.1227 0.1324	0.1261	0.1343	Ave		0.1373			0.1000	16.9		20.0			
Cyclopentene	+++++ 0.5835	0.6848 0.5913	0.5143 0.5916	0.5688	0.6380	Ave		0.5960				9.0		20.0			
Acetonitrile	+++++ 0.4067	0.4317 0.3842	0.4316 0.2744	0.3933	0.2659	Ave		0.3697				19.0		20.0			
Methylene Chloride	+++++ 0.3005	0.4075 0.2954	0.2783 0.2925	0.3131	0.3176	Ave		0.3150			0.1000	13.6		20.0			
2-Methyl-2-propanol	+++++ 6.7760	7.2062 7.4749	7.7221 8.1452	7.9384	7.2606	Ave		7.5033				6.3		20.0			
Methyl tert-butyl ether	+++++ 0.6891	0.7894 0.6794	0.5469 0.6676	0.6518	0.7163	Ave		0.6772			0.1000	10.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2858	0.3662 0.2860	0.2627 0.2861	0.2799	0.3087	Ave		0.2965			0.1000	11.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0835 0.0702	0.0778 0.0682	0.0584 0.0646	0.0689	0.0713	Ave		0.0704				10.9		20.0			
Hexane	+++++ 0.3889	0.4900 0.3882	0.3063 0.3956	0.3592	0.4354	Ave		0.3948				14.6		20.0			
Isopropyl ether	+++++ 0.9223	0.9585 0.9033	0.7707 0.8471	0.8948	0.9498	Ave		0.8924				7.3		20.0			
1,1-Dichloroethane	+++++ 0.5177	0.5768 0.5087	0.4586 0.4854	0.4857	0.5385	Ave		0.5102			0.2000	7.7		20.0			
Vinyl acetate	+++++ 0.6808	0.6595 0.6750	0.5522 0.5415	0.6570	0.6563	Ave		0.6318				9.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2511	0.2851 0.2518	0.1994 0.2550	0.2329	0.2610	Ave		0.2480				10.7		20.0			
Tert-butyl ethyl ether	+++++ 0.8424	0.8466 0.8302	0.6408 0.8013	0.7894	0.8666	Ave		0.8025				9.5		20.0			
2,2-Dichloropropane	+++++ 0.0931	0.1100 0.0959	0.0812 0.0968	0.0886	0.0998	Ave		0.0950				9.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.3102	0.3583 0.3061	0.2694 0.3044	0.3009	0.3227	Ave		0.3103			0.1000	8.6		20.0			
Methyl Ethyl Ketone	+++++ 0.3018	0.2841 0.2962	0.3042 0.2886	0.2782	0.3014	Ave		0.2935			0.0500	3.4		20.0			
Ethyl acetate	+++++ 0.3172	0.3088 0.3032	0.3077 0.2935	0.3139	0.3044	Ave		0.3070				2.5		20.0			
Methyl acrylate	+++++ 0.1605	0.1654 0.1644	0.1392 0.1630	0.1528	0.1633	Ave		0.1584				6.0		20.0			
Propionitrile	+++++ 10.335	10.664 9.9938	10.892 10.590	10.850	10.877	Ave		10.600				3.1		20.0			
Tetrahydrofuran	+++++ 0.3233	0.3242 0.3344	0.3007 0.3214	0.3741	0.3342	Ave		0.3303				6.8		20.0			
Chlorobromomethane	+++++ 0.1379	0.1686 0.1383	0.1138 0.1372	0.1341	0.1466	Ave		0.1395				11.7		20.0			
Methacrylonitrile	+++++ 0.0821	0.0877 0.0782	0.0651 0.0715	0.0744	0.0818	Ave		0.0773				9.8		20.0			
Chloroform	+++++ 0.4597	0.5205 0.4505	0.4008 0.4342	0.4515	0.4720	Ave		0.4556			0.2000	8.0		20.0			
Cyclohexane	+++++ 0.4045	0.4789 0.4192	0.3320 0.4341	0.4126	0.4532	Ave		0.4192			0.1000	11.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3702	0.4175 0.3818	0.3149 0.3810	0.3609	0.3994	Ave		0.3751			0.1000	8.7		20.0			
Carbon tetrachloride	+++++ 0.3058	0.3127 0.3184	0.2633 0.3201	0.3026	0.3224	Ave		0.3065			0.1000	6.7		20.0			
1,1-Dichloropropene	+++++ 0.3771	0.4053 0.3728	0.3141 0.3653	0.3631	0.3960	Ave		0.3705				7.9		20.0			
Isobutyl alcohol	+++++ 3.0140	+++++ 3.4399	2.9844 3.7505	3.0999	3.4295	Ave		3.2864				9.2		20.0			
Isooctane	+++++ 0.9466	1.1020 0.9932	0.7427 0.9284	0.9657	1.1011	Ave		0.9685				12.6		20.0			
Benzene	+++++ 1.6062	1.9011 1.5588	1.4167 1.3124	1.5810	1.7045	Ave		1.5830			0.5000	12.0		20.0			
Isopropyl acetate	+++++ 0.1187	0.1116 0.1150	0.0859 0.1164	0.1098	0.1134	Ave		0.1101				10.0		20.0			
Tert-amyl methyl ether	+++++ 0.7607	0.6614 0.7607	0.5993 0.8058	0.7254	0.7741	Ave		0.7268				9.9		20.0			
1,2-Dichloroethane	+++++ 0.2986	0.3575 0.2892	0.2533 0.2844	0.2935	0.2991	Ave		0.2965			0.1000	10.5		20.0			
n-Heptane	+++++ 0.0668	0.0661 0.0664	0.0528 0.0707	0.0668	0.0742	Ave		0.0663				10.0		20.0			
n-Butanol	+++++ 1.8620	1.9766 1.9044	1.3168 2.1589	1.7661	1.7730	Ave		1.8225				14.3		20.0			
Trichloroethene	+++++ 0.2707	0.3281 0.2696	0.2239 0.2730	0.2681	0.2829	Ave		0.2738			0.2000	11.1		20.0			
Ethyl acrylate	+++++ 0.0337	+++++ 0.0344	+++++ 0.0365	0.0285	0.0337	Ave		0.0334				8.8		20.0			
Methylcyclohexane	+++++ 0.4623	0.4851 0.4818	0.3997 0.4960	0.4555	0.5248	Ave		0.4722			0.1000	8.3		20.0			
1,2-Dichloropropane	+++++ 0.2969	0.2858 0.2903	0.2396 0.2871	0.2772	0.2967	Ave		0.2819			0.1000	7.0		20.0			
Methyl methacrylate	+++++ 0.0523	0.0600 0.0515	0.0354 0.0526	0.0423	0.0501	Ave		0.0492				16.2		20.0			
1,4-Dioxane	+++++ 1.1704	0.8801 1.3446	1.0177 1.3602	1.3308	1.2227	Ave		1.1895				15.3		20.0			
Dibromomethane	+++++ 0.1365	0.1536 0.1332	0.1243 0.1354	0.1323	0.1412	Ave		0.1366				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2686	0.2760 0.2546	0.2418 0.2569	0.2420	0.2549	Ave		0.2564				4.9		20.0			
Bromodichloromethane	+++++ 0.3141	0.3560 0.3114	0.2430 0.3126	0.2981	0.3108	Ave		0.3066			0.2000	10.9		20.0			
2-Nitropropane	+++++ 0.0355	0.0507 0.0378	0.0493 0.0396	0.0347	0.0343	Ave		0.0403				17.1		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1363	0.1213 0.1324	0.1010 0.1358	0.1053	0.1280	Ave		0.1228				11.8		20.0			
Epichlorohydrin	0.2545 0.2513	0.2580 0.2440	0.2005 0.2304	0.2230	0.2497	Ave		0.2389				8.2		20.0			
cis-1,3-Dichloropropene	+++++ 0.6167	0.6300 0.6067	0.4437 0.5831	0.5408	0.6107	Ave		0.5760			0.2000	11.3		20.0			
methyl isobutyl ketone	+++++ 1.1411	0.7164 1.1273	0.8705 1.0508	0.9857	1.1064	Ave		0.9997			0.0500	15.7		20.0			
Toluene	+++++ 1.6592	2.2146 1.5820	1.5666 1.2881	1.6274	1.6883	Ave		1.6609			0.4000	16.7		20.0			
trans-1,3-Dichloropropene	+++++ 0.4827	0.3386 0.4779	0.3974 0.4675	0.4408	0.4611	Ave		0.4380			0.1000	12.0		20.0			
Ethyl methacrylate	+++++ 0.4145	0.2993 0.4144	0.2775 0.4080	0.3338	0.3910	Ave		0.3626				16.0		20.0			
1,1,2-Trichloroethane	+++++ 0.2469	0.2644 0.2375	0.2020 0.2358	0.2468	0.2528	Ave		0.2409			0.1000	8.2		20.0			
Tetrachloroethene	+++++ 0.3876	0.4537 0.3938	0.3318 0.3955	0.3940	0.4044	Ave		0.3944			0.2000	9.0		20.0			
1,3-Dichloropropane	+++++ 0.4856	0.4295 0.4730	0.3864 0.4584	0.4774	0.4958	Ave		0.4580				8.3		20.0			
2-Hexanone	+++++ 1.7183	1.5912 1.6223	1.2803 1.4399	1.4981	1.6868	Ave		1.5481			0.0500	9.9		20.0			
n-Butyl acetate	+++++ 0.4362	0.4549 0.4173	0.3614 0.4028	0.3663	0.4169	Ave		0.4080				8.4		20.0			
Dibromochloromethane	+++++ 0.3028	0.2596 0.3088	0.2382 0.3097	0.2834	0.3075	Ave		0.2872			0.1000	9.9		20.0			
Ethylene Dibromide	+++++ 0.2653	0.2424 0.2569	0.2230 0.2530	0.2362	0.2709	Ave		0.2497			0.1000	6.8		20.0			
Chlorobenzene	+++++ 1.0598	1.1219 1.0158	0.8755 0.9061	0.9960	1.0951	Ave		1.0100			0.5000	9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5872	0.6564 0.5829	0.4463 0.5657	0.5590	0.6111	Ave		0.5727			0.1000	11.3		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3511	0.3847 0.3632	0.2576 0.3659	0.3264	0.3575	Ave		0.3438				12.2		20.0			
m-Xylene & p-Xylene	+++++ 0.7145	0.7269 0.7094	0.5724 0.6776	0.6603	0.7312	Ave		0.6846			0.1000	8.2		20.0			
o-Xylene	+++++ 0.7149	0.6639 0.7225	0.5473 0.6782	0.6650	0.7502	Ave		0.6774			0.3000	9.7		20.0			
n-Butyl acrylate	+++++ 0.2663	0.2221 0.2666	0.1854 0.2611	0.1871	0.2451	Ave		0.2334				15.3		20.0			
Styrene	+++++ 1.1659	0.8958 1.1253	0.7809 0.9875	1.0061	1.1747	Ave		1.0195			0.3000	14.4		20.0			
Bromoform	+++++ 0.1866	0.1495 0.1908	0.1300 0.1931	0.1619	0.1765	Lin2	-0.023	0.1806			0.1000				0.9910		0.9900
Amyl acetate (mixed isomers)	+++++ 1.1099	0.8971 1.0681	0.6503 0.9895	0.8372	0.9932	Ave		0.9350				16.7		20.0			
Isopropylbenzene	+++++ 1.6293	1.5476 1.5629	1.2554 1.2572	1.5318	1.6848	Ave		1.4956			0.1000	11.5		20.0			
Bromobenzene	+++++ 0.8113	0.8653 0.7985	0.6162 0.7755	0.7820	0.8059	Ave		0.7792				10.0		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6099	0.7066 0.6015	0.5776 0.5810	0.5723	0.6057	Ave		0.6078			0.3000	7.6		20.0			
N-Propylbenzene	+++++ 3.8630	4.0986 3.4978	3.0653 2.6336	3.6547	3.9326	Ave		3.5351				14.8		20.0			
1,2,3-Trichloropropane	+++++ 0.1661	0.2087 0.1611	0.1764 0.1586	0.1679	0.1576	Ave		0.1709				10.4		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1096	0.0934 0.1346	0.0506 0.1432	0.0763	0.0879	QuaF		0.1250	0.0000366						1.0000		0.9900
2-Chlorotoluene	+++++ 2.6551	2.7634 2.5740	2.2553 2.1481	2.5458	2.6830	Ave		2.5178				9.1		20.0			
4-Ethyltoluene	+++++ 3.2430	3.2552 3.0340	2.5511 2.4086	3.0500	3.3127	Ave		2.9792				12.1		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6922	2.5788 2.6228	1.9014 2.0909	2.4467	2.7423	Ave		2.4393				13.2		20.0			
4-Chlorotoluene	+++++ 2.6419	2.5730 2.5236	2.1907 2.1307	2.4821	2.6919	Ave		2.4620				8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.9589	0.5425 1.0157	0.4420 0.9586	0.6517	0.8704	QuaF		1.0372	-0.000156						1.0000		0.9900
tert-Butylbenzene	+++++ 2.3256	2.0050 2.3306	1.6183 1.9315	2.0384	2.2931	Ave		2.0775				12.6		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8470	2.6616 2.6734	2.1871 2.0814	2.6173	2.8912	Ave		2.5656				12.2		20.0			
sec-Butylbenzene	+++++ 3.5328	3.4350 3.2958	2.5673 2.4560	3.2730	3.6002	Ave		3.1657				14.6		20.0			
1,3-Dichlorobenzene	+++++ 1.5854	1.6026 1.5568	1.3026 1.3401	1.5474	1.6101	Ave		1.5064			0.6000	8.6		20.0			
4-Isopropyltoluene	+++++ 3.0623	2.5741 2.8732	2.2763 2.1846	2.9037	3.1350	Ave		2.7156				13.9		20.0			
1,4-Dichlorobenzene	+++++ 1.6005	1.9214 1.5485	1.3525 1.3313	1.4942	1.6188	Ave		1.5525			0.5000	12.8		20.0			
1,2,3-Trimethylbenzene	+++++ 3.0111	2.8123 2.7979	2.4613 2.1252	2.7693	3.0745	Ave		2.7217				12.1		20.0			
Benzyl chloride	+++++ 1.1549	1.1564 1.1982	0.7146 1.0925	0.9494	1.0719	Ave		1.0483				16.0		20.0			
Indan	+++++ 2.8311	2.9702 2.6013	2.1751 1.9812	2.6571	2.8885	Ave		2.5864				14.5		20.0			
p-Diethylbenzene	+++++ 1.9321	1.9269 1.9021	1.4444 1.5651	1.7831	1.9877	Ave		1.7916				11.6		20.0			
n-Butylbenzene	+++++ 1.6515	1.7558 1.6376	1.2076 1.3904	1.5880	1.6638	Ave		1.5564				12.2		20.0			
1,2-Dichlorobenzene	+++++ 1.5163	1.4610 1.4777	1.3160 1.2699	1.5119	1.5739	Ave		1.4467			0.4000	7.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.9201	2.6653 2.6867	2.0709 2.0138	2.5323	2.9176	Ave		2.5438				14.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0917	0.0368 0.0937	0.0568 0.0960	0.0863	0.0869	Lin2	-0.029	0.0919			0.0500				0.9980		0.9900
1,3,5-Trichlorobenzene	+++++ 1.3833	1.3086 1.3705	1.1818 1.1720	1.3013	1.4126	Ave		1.3043				7.3		20.0			
1,2,4-Trichlorobenzene	+++++ 1.2211	1.4567 1.2317	1.0288 1.0710	1.2032	1.2625	Ave		1.2107			0.2000	11.5		20.0			
Hexachlorobutadiene	+++++ 0.6496	0.6975 0.7082	0.5449 0.6715	0.6710	0.6871	Ave		0.6614				8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.1506	2.1071 2.0372	1.7422 1.6269	1.9388	2.1377	Ave		1.9629				10.5		20.0			
1,2,3-Trichlorobenzene	+++++ 1.0948	1.2444 1.1064	0.8589 0.9821	1.0669	1.1391	Ave		1.0704				11.4		20.0			
Dibromofluoromethane (Surr)	0.2341 0.2336	0.2318 0.2345	0.2330 0.2347	0.2342	0.2385	Ave		0.2343				0.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2366 0.2359	0.2313 0.2476	0.2293 0.2642	0.2324	0.2349	Ave		0.2390				4.8		20.0			
Toluene-d8 (Surr)	1.3673 1.3662	1.3689 1.3626	1.3666 1.3609	1.3501	1.3595	Ave		1.3628				0.4		20.0			
4-Bromofluorobenzene	0.4140 0.4185	0.4181 0.4076	0.4152 0.4015	0.4189	0.4211	Ave		0.4144				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 | Calibration End Date: 09/20/2024 13:20 | Calibration ID: 98690

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-997049/3	TT85351.D
Level 2	STD05 460-997049/4	TT85352.D
Level 3	STD1 460-997049/5	TT85353.D
Level 4	STD5 460-997049/6	TT85354.D
Level 5	STD20 460-997049/7	TT85355.D
Level 6	STD50 460-997049/8	TT85356.D
Level 7	STD200 460-997049/9	TT85357.D
Level 8	STD500 460-997049/10	TT85358.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 65710	454 232698	1212 637528	5516	27135	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 209582	1892 885367	3685 2472280	18923	86170	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 35633	399 134008	806 351998	3353	14826	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 232676	3077 1008193	4640 2657814	24981	92114	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 235195	2571 983482	4619 2653179	23304	93701	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1545 242459	2722 985344	5037 2658680	25006	100126	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 172639	1930 679054	3605 1559034	17091	68857	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 140316	932 562307	3186 1393899	14350	55594	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 425782	4693 1638616	7847 4202080	41187	167320	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 270429	2856 1053912	4773 2828509	25451	108343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 75104	518 292767	1234 795651	6628	31547	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 30930	130 122633	361 330262	2721	11997	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 119814	2794 458445	3848 1158995	13146	45728	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Lin2	+++++ 191847	+++++ 738592	4962 1885564	19423	75872	+++++ 500	+++++ 2000	10.0 5000	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	+++++ 184444	1838 770986	3040 2051256	16690	75177	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 188553	1909 724088	3630 1963616	15385	74484	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 296595	2812 1127941	5193 3048499	26311	118715	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 47946	1355 103609	2124 222478	10471	19692	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 184392	2043 762336	3131 2035283	18706	79296	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 198540	2110 811009	3678 2123866	19172	77134	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 175970	2296 700466	4076 1936544	15054	68238	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 358150	3660 1461766	6296 3717281	33122	141045	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 749230	7917 3043337	13251 7219003	71586	301929	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 145101	1600 580889	2480 1543538	13305	53893	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 206526	2785 806856	3730 2167558	18863	78226	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 463225	5042 1892811	7816 4840709	42530	185835	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 213507	1957 813601	3998 1569743	18869	50133	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 238557	3000 945510	4230 2393424	23406	92500	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 131234	1190 588484	2395 1546736	12963	48865	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 547134	5812 2174680	8312 5462645	48734	208649	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 226898	2696 915443	3993 2341101	20930	89906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2565 557563	5731 2182936	8871 5285773	51540	207727	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 308750	3608 1242538	4655 3237361	26857	126823	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 732231	7057 2891328	11713 6931866	66900	276666	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 410990	4247 1628355	6970 3971885	36313	156838	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 | Calibration End Date: 09/20/2024 13:20 | Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 71473	598 285890	1023 619459	6304	24749	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 199394	2099 805850	3030 2086986	17413	76013	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 668844	6233 2657341	9738 6557215	59021	252430	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 73922	810 306812	1234 791779	6625	29057	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 246270	2638 979813	4095 2491302	22495	93998	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 79217	644 313627	1409 825387	6673	28415	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 33306	280 128428	570 335739	3012	11480	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 127417	1218 526293	2116 1333788	11423	47554	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 200161	1761 786794	3378 2011014	17718	73204	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 33938	294 141645	557 367667	3589	12604	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 109482	1241 442696	1730 1123121	10024	42715	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 652213	6457 2503667	9887 5850607	55653	238321	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 364956	3832 1442013	6091 3553214	33756	137474	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 321171	3526 1341805	5045 3552554	30851	131997	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 293914	3074 1222148	4785 3117610	26984	116332	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 242795	2302 1019052	4002 2619226	22627	93903	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 299410	2984 1193374	4773 2989276	27145	115357	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 145936	+++++ 677043	2314 1780524	12655	57703	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 751517	8114 3178948	11288 7597022	72204	320737	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 906571	9578 3525020	14848 7687261	82023	348313	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 94203	822 368258	1306 952732	8207	33019	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 603930	4870 2434903	9108 6593700	54233	225479	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 237055	2632 925559	3850 2327427	21941	87114	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 53071	487 212628	803 578370	4992	21607	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 90157	816 374820	1021 1024919	7210	29832	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 214952	2416 862916	3403 2234201	20045	82394	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 26770	+++++ 110031	+++++ 298472	2134	9822	+++++ 50.0	+++++ 200	+++++ 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 367063	3572 1542291	6074 4058735	34058	152858	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 235685	2104 929177	3642 2349057	20726	86422	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 83014	884 329690	1076 860944	6328	29163	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 31364	497 128047	1319 339209	3085	11669	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 108339	1131 426341	1889 1107738	9890	41138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 213218	2032 814834	3675 2102174	18093	74237	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 249369	2621 996845	3693 2558273	22285	90533	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 56416	746 241852	1499 648657	5193	19986	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 108479	895 424715	1538 1113537	7891	37359	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1312 263816	2339 1033449	3714 2635272	21397	94150	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 348082	3174 1372068	4650 3415574	28059	124798	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 299513	1624 1193640	4032 3005079	23643	104313	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	11157	16419	84430	344988	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 | Calibration End Date: 09/20/2024 13:20 | Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			936474	3577514	7544922			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 272465	1706 1080801	4165 2738056	22869	94215	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 233939	1508 937019	2908 2389887	17318	79901	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 139373	1332 537060	2117 1380934	12804	51662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 218739	2286 890571	3477 2316535	20442	82636	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 274095	2164 1069587	4050 2685116	24766	101315	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 450996	3607 1717868	5930 4117757	35935	159026	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 246222	2292 943725	3788 2359305	19002	85184	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 170913	1308 698332	2496 1814242	14703	62844	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 149741	1221 580924	2337 1482163	12256	55364	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 598151	5652 2297234	9176 5307330	51671	223772	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 331402	3307 1318229	4678 3313475	28999	124866	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 198154	1938 821393	2700 2143101	16935	73061	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 403276	3662 1604184	5999 3968765	34256	149411	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 403486	3345 1633910	5736 3972183	34502	153304	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	+++++ 150306	1119 602839	1943 1529488	9707	50085	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 658033	4513 2544679	8184 5784104	52198	240046	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Lin2	+++++ 105304	753 431488	1363 1131030	8398	36073	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 342308	2459 1299586	3778 3078407	23957	113317	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 919579	7797 3534258	13157 7363579	79468	344273	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 250218	2372 971496	3580 2412526	22377	91951	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 188101	1937 731826	3356 1807486	16377	69107	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1191427	11235 4255895	17809 8193215	104582	448688	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 51240	572 196019	1025 493285	4806	17981	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	QuaF	+++++ 33793	256 163767	294 445406	2182	10033	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 818897	7575 3131876	13103 6682800	72849	306114	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 1000224	8923 3691506	14822 7493068	87278	377965	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 830339	7069 3191195	11047 6504826	70015	312879	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 814832	7053 3070527	12728 6628569	71027	307134	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 295733	1487 1235801	2568 2982298	18648	99311	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 717276	5496 2835683	9402 6008751	58330	261634	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 878063	7296 3252840	12707 6475143	74897	329876	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 1089604	9416 4010116	14916 7640693	93659	410764	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 488965	4393 1894239	7568 4168906	44280	183705	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 Calibration End Date: 09/20/2024 13:20 Calibration ID: 98690

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 944487	7056 3495942	13225 6796253	83093	357686	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 493642	5267 1884084	7858 4141554	42758	184697	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 928686	7709 3404308	14300 6611640	79246	350779	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 356201	3170 1457894	4152 3398851	27168	122294	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 873170	8142 3165109	12637 6163395	76036	329567	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 595907	5282 2314367	8392 4869001	51024	226781	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 509352	4813 1992507	7016 4325629	45442	189832	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 467665	4005 1797900	7646 3950589	43265	179575	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 900630	7306 3268999	12032 6265054	72464	332886	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Lin2	+++++ 28289	101 113988	330 298573	2470	9918	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 426637	3587 1667486	6866 3645956	37238	161172	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 376620	3993 1498699	5977 3331880	34430	144049	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 200356	1912 861719	3166 2089177	19202	78393	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 663293	5776 2478739	10122 5061181	55481	243904	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 337655	3411 1346204	4990 3055396	30531	129964	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	179846 185492	170680 187645	177030 192048	175133	173681	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	181802 187306	170330 198166	174248 216212	173792	171019	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	714018 771082	689671 770364	716155 797124	700447	694504	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	216218 236198	210665 230446	217601 235178	217338	215106	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 | Calibration End Date: 09/20/2024 13:20 | Calibration ID: 98690

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 997049

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2024 11:04 | Calibration End Date: 09/20/2024 13:20 | Calibration ID: 98690

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-997049/3	TT85351.D
Level 2	STD05 460-997049/4	TT85352.D
Level 3	STD1 460-997049/5	TT85353.D
Level 4	STD5 460-997049/6	TT85354.D
Level 5	STD20 460-997049/7	TT85355.D
Level 6	STD50 460-997049/8	TT85356.D
Level 7	STD200 460-997049/9	TT85357.D
Level 8	STD500 460-997049/10	TT85358.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	1.3						30				
Ethyl ether	+++++	2.2						30				
Isopropyl alcohol	+++++	+++++	-1.5						30			
Bromoform	+++++	8.4						30				
1,2-Dibromo-3-Chloropropane	+++++	3.4						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Sep-2024 11:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0181138-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:20 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 12:45:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.582	1.576	0.006	27	1545	0.2500	0.2958	a
* 31 TBA-d9 (IS)	66	2.844	2.832	0.012	0	33659	1000.0	1000.0	
35 Acrylonitrile	53	3.082	3.076	0.006	89	2565	2.00	2.37	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	257788	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	179846	50.0	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	181802	50.0	49.5	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	768275	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	24342	1000.0	1000.0	
80 Epichlorohydrin	57	6.216	6.216	0.000	93	1312	5.00	5.33	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	714018	50.0	50.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	522223	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.751	0.007	95	216218	50.0	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	286710	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

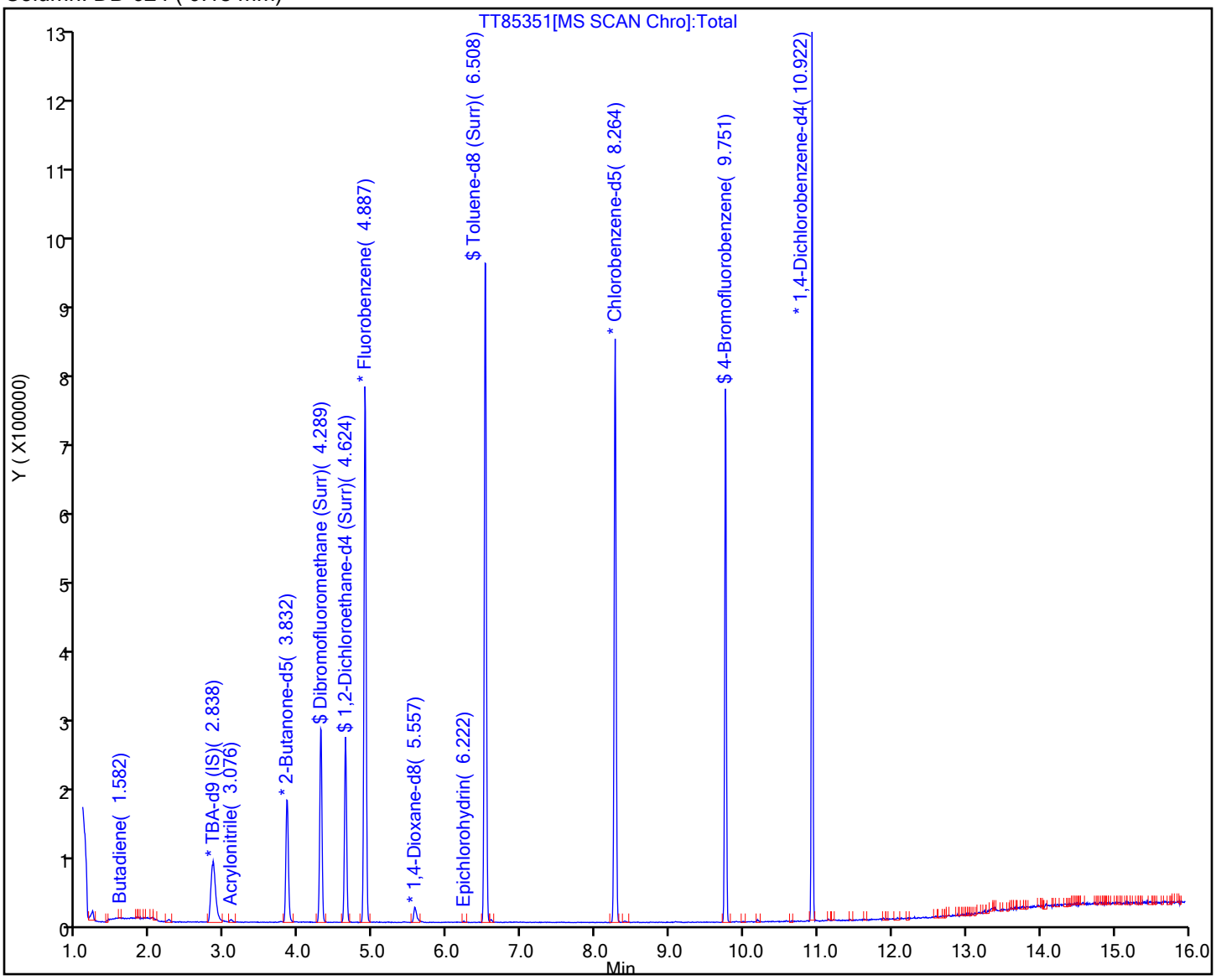
Reagents:

524FREONS_00024	Amount Added:	0.00	Units: uL	
ACROLEIN W_00173	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	0.00	Units: uL	
14DIOXINTER_00173	Amount Added:	0.00	Units: uL	
GASES Li_00604	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00093	Amount Added:	0.00	Units: uL	
MIX I Hi_00180	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00153	Amount Added:	0.00	Units: uL	
	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00129	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:21 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

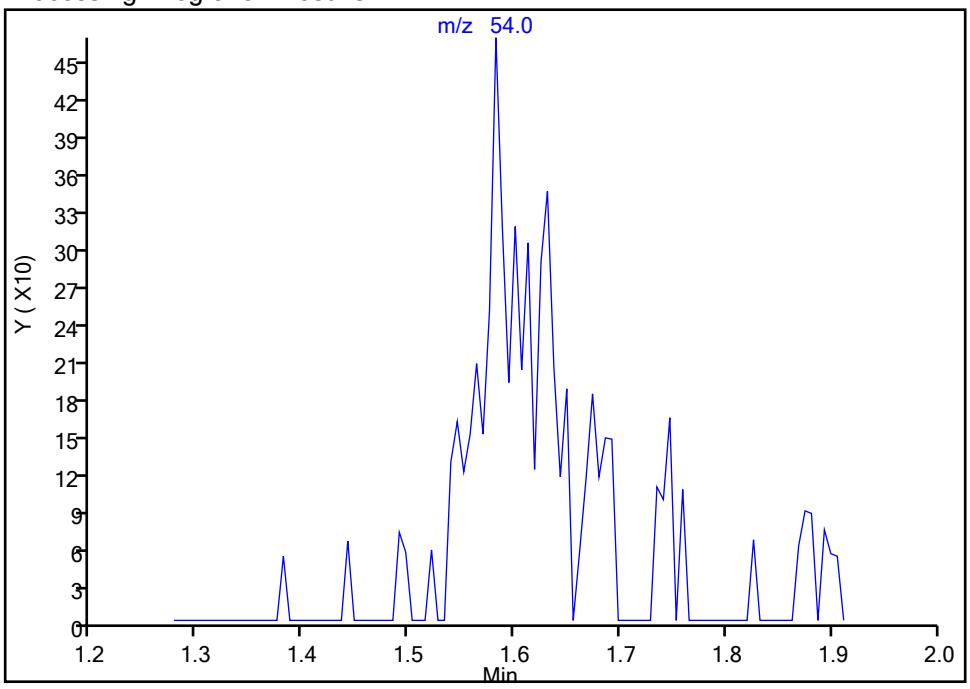
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

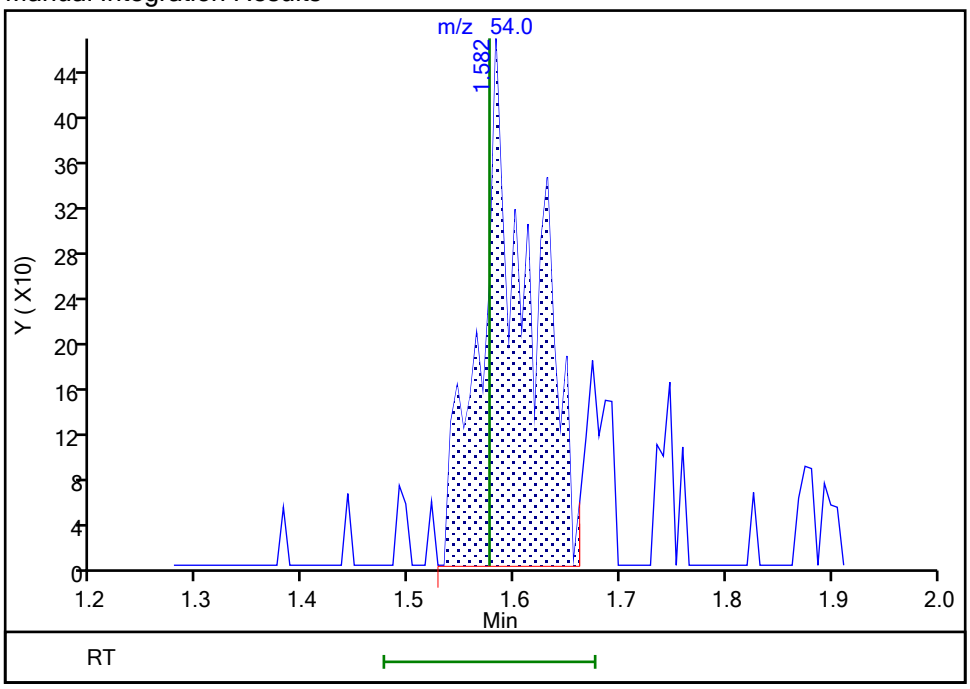
Not Detected
Expected RT: 1.58

Processing Integration Results



Manual Integration Results

RT: 1.58
Area: 1545
Amount: 0.295772
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:44:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

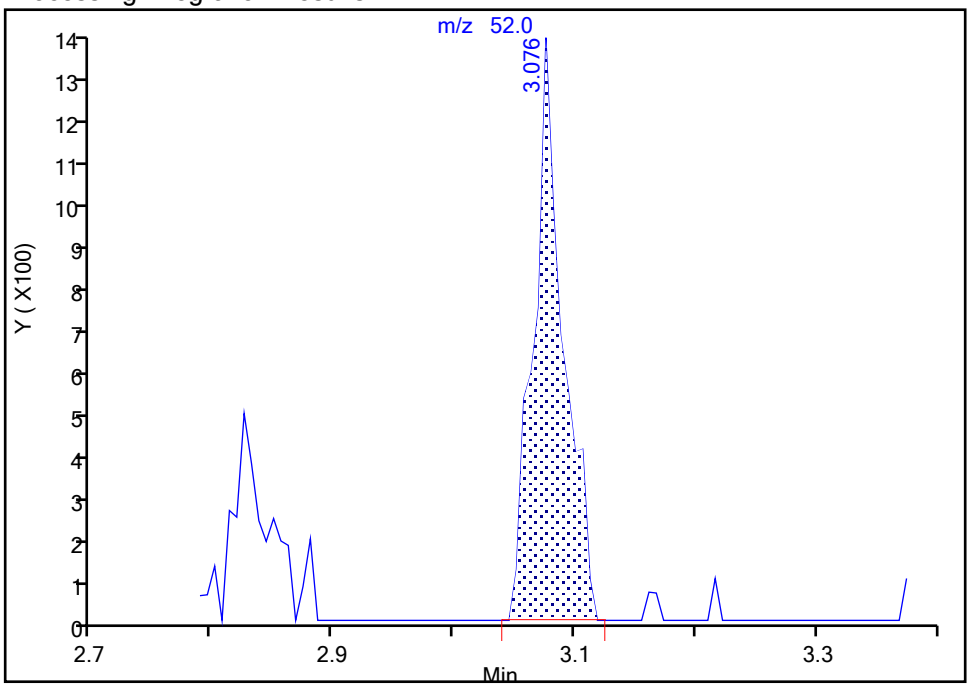
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 2

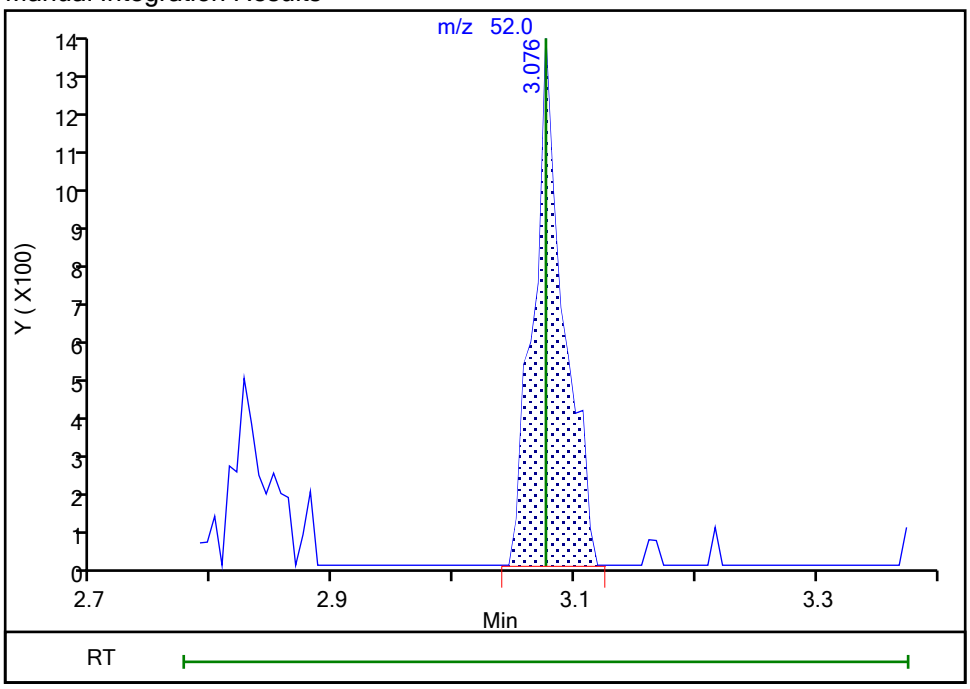
Processing Integration Results

RT: 3.08
Area: 2262
Amount: 2.318982
Amount Units: ug/l



Manual Integration Results

RT: 3.08
Area: 2262
Amount: 2.372270
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:44:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

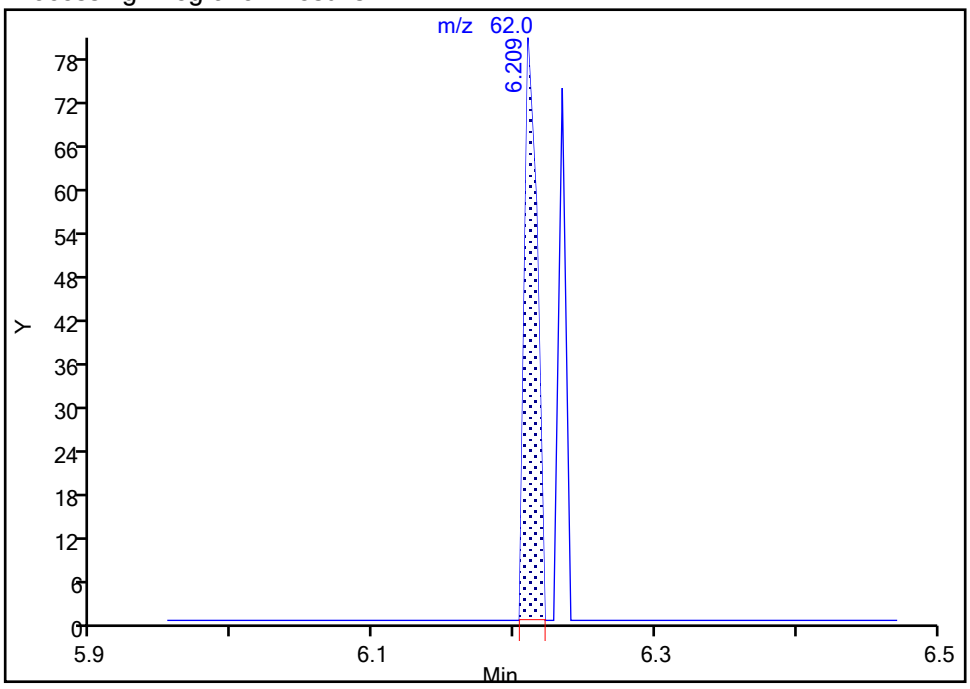
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

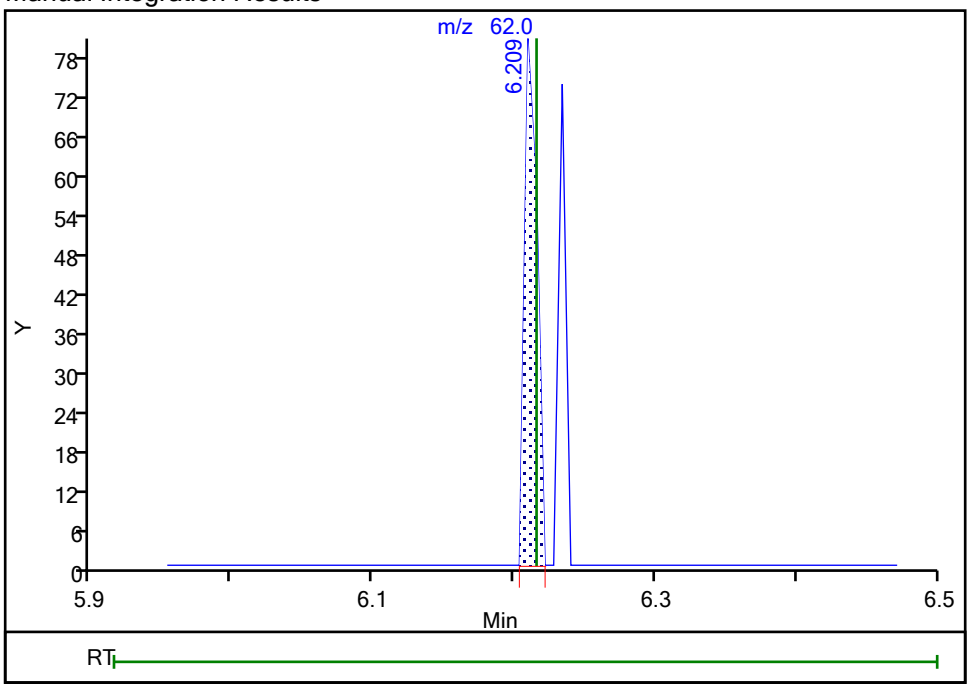
Processing Integration Results

RT: 6.21
Area: 51
Amount: 5.366048
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 51
Amount: 5.325884
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:45:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

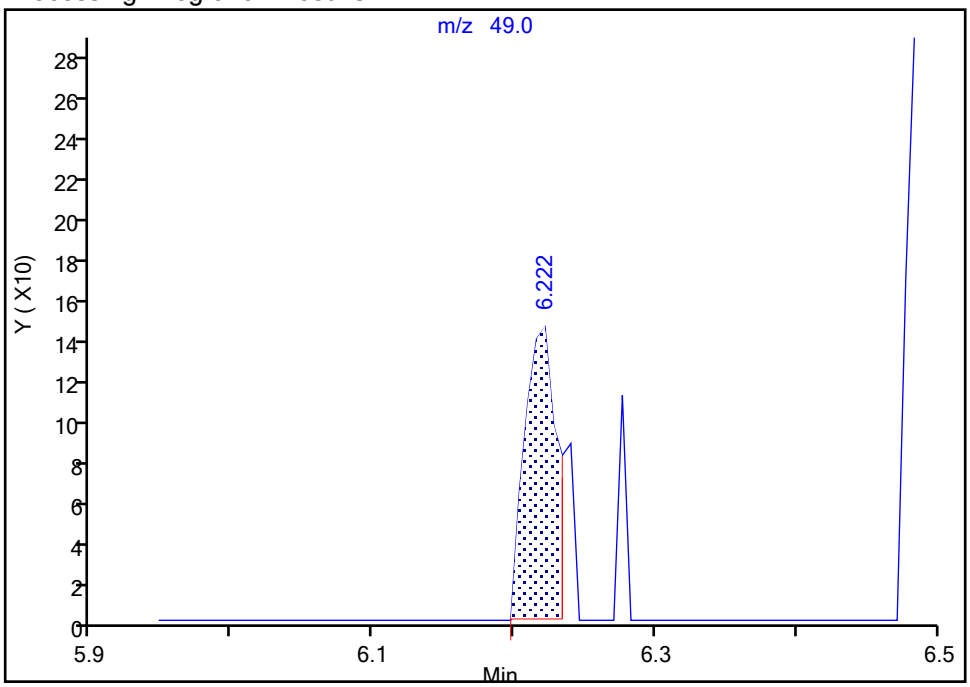
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

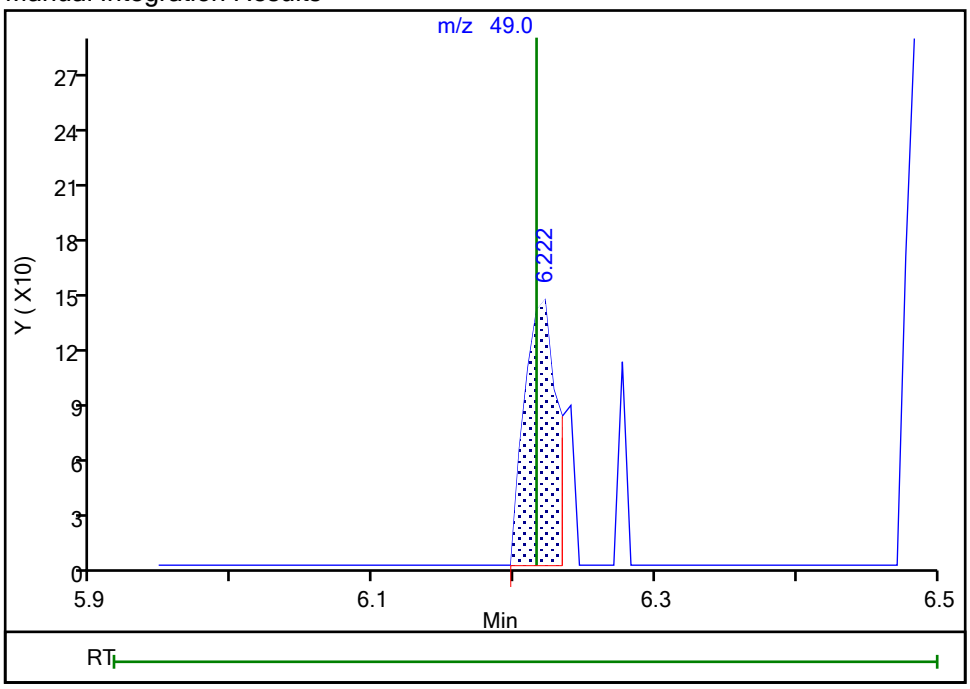
Processing Integration Results

RT: 6.22
Area: 233
Amount: 5.366048
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 233
Amount: 5.325884
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:45:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

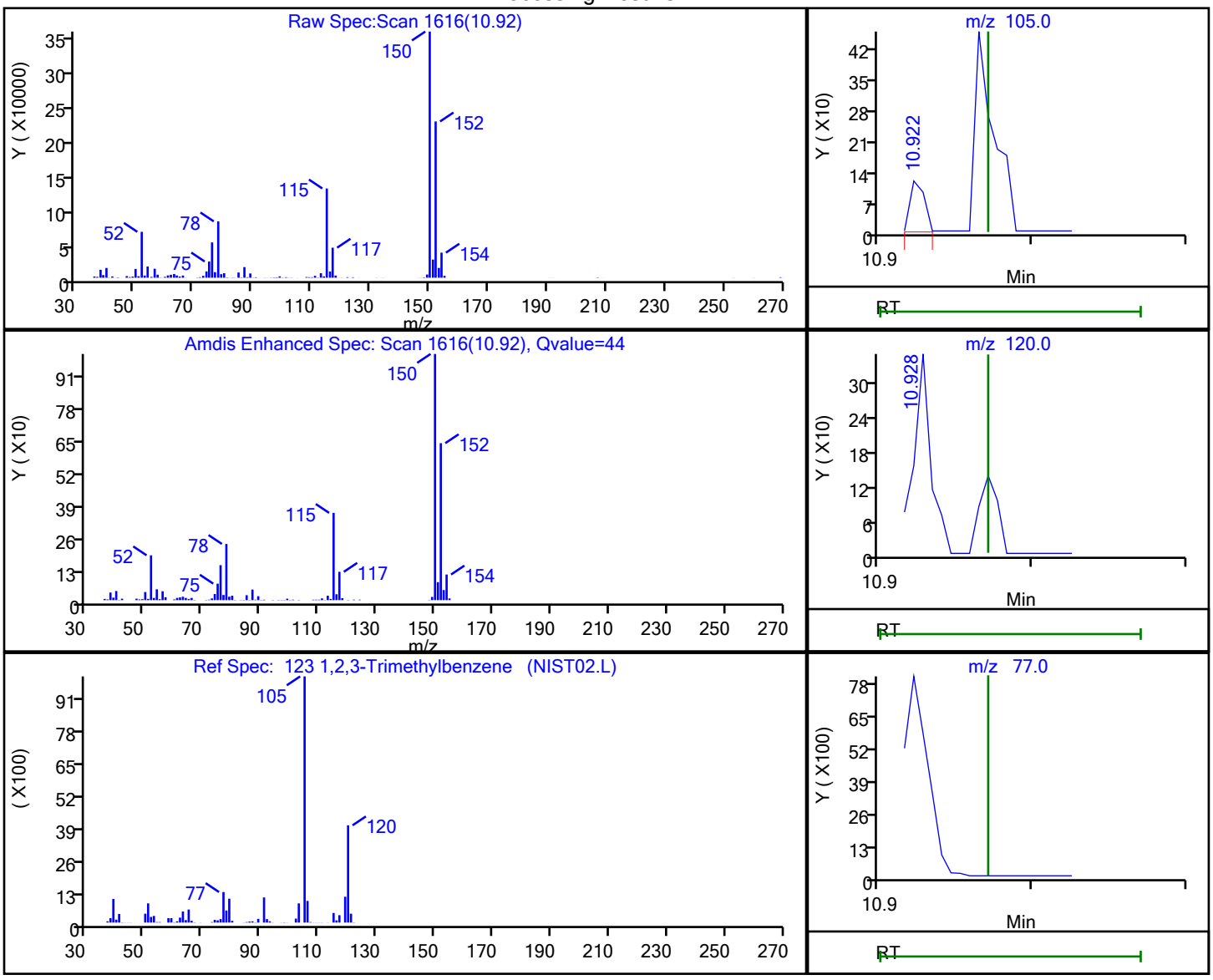
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	75	0.004706
10.93	120.00	294	
10.92	77.00	9725	

Reviewer: FK2C, 20-Sep-2024 12:45:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

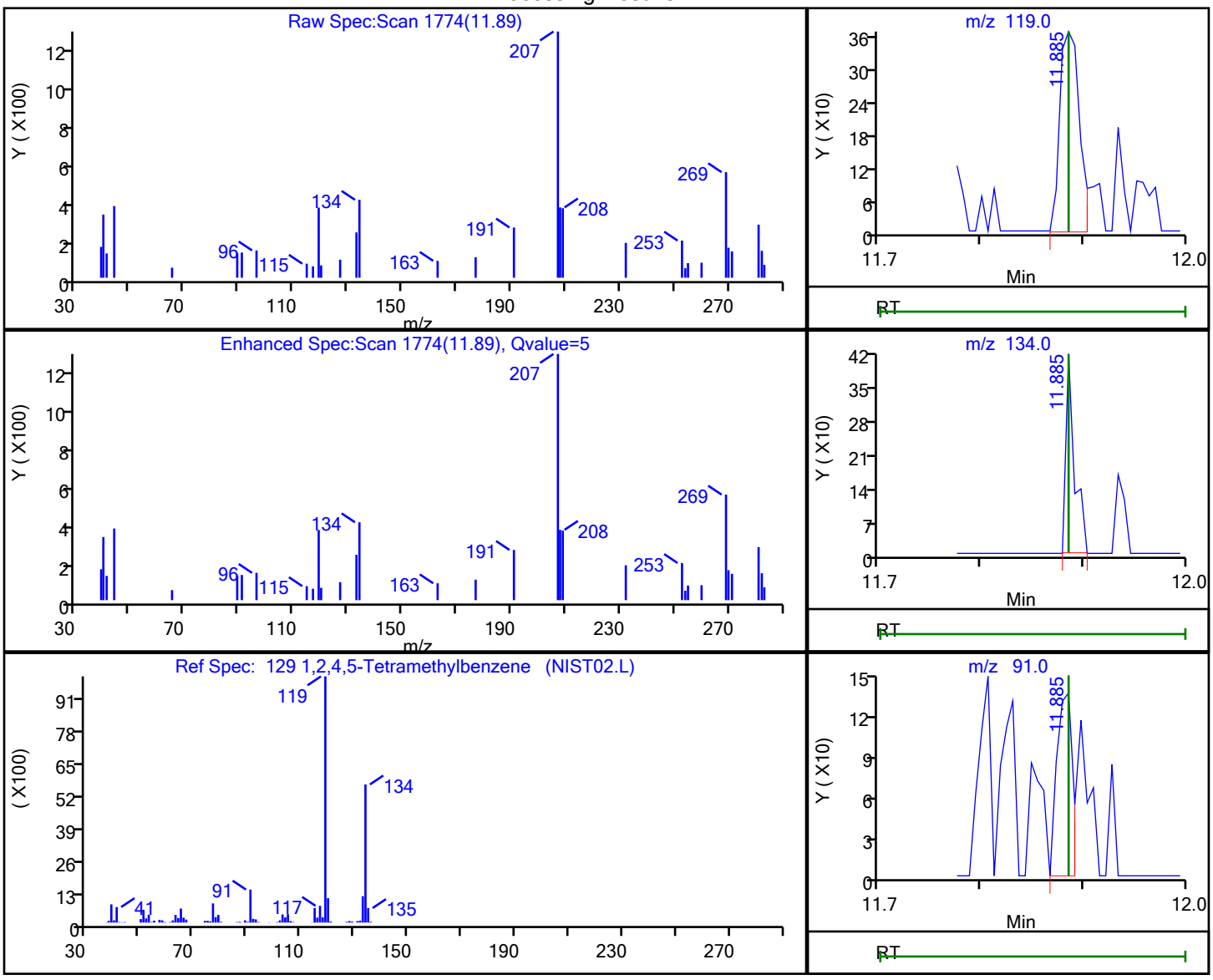
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.89	119.00	501	0.034310
11.89	134.00	244	
11.89	91.00	144	

Reviewer: FK2C, 20-Sep-2024 12:45:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

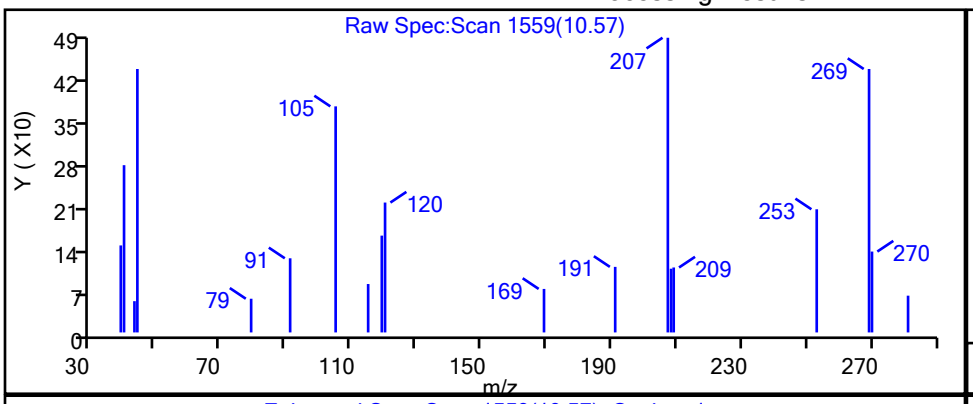
User Disabled Compound Report

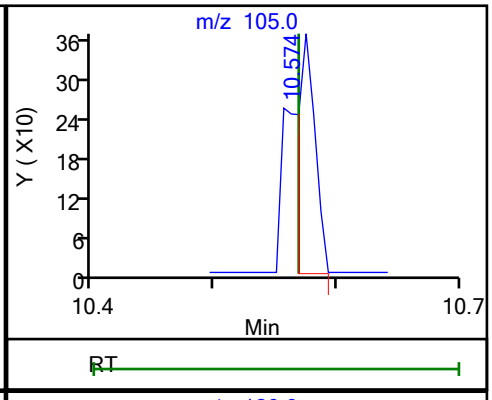
Eurofins Edison

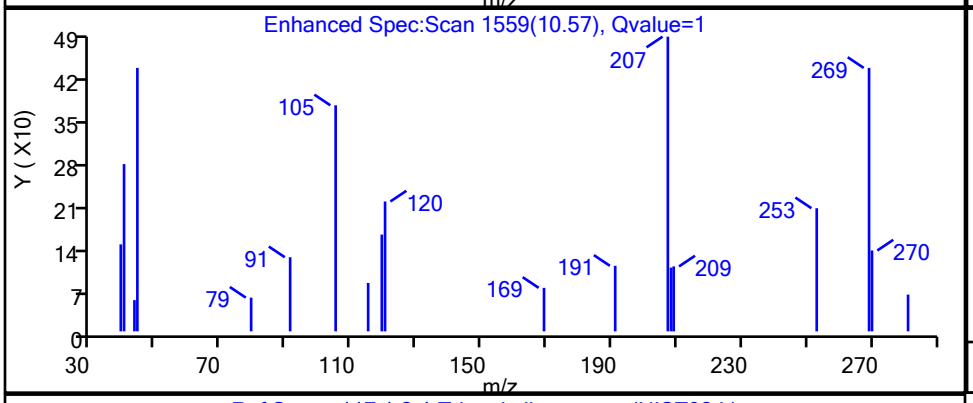
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

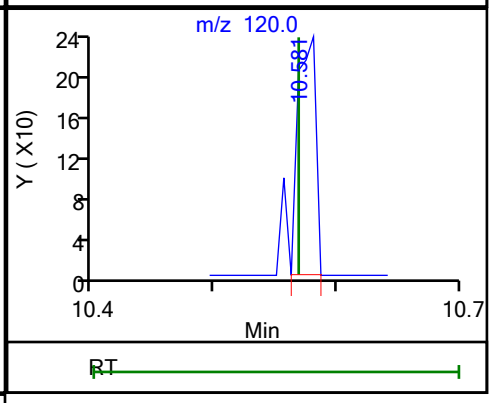
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

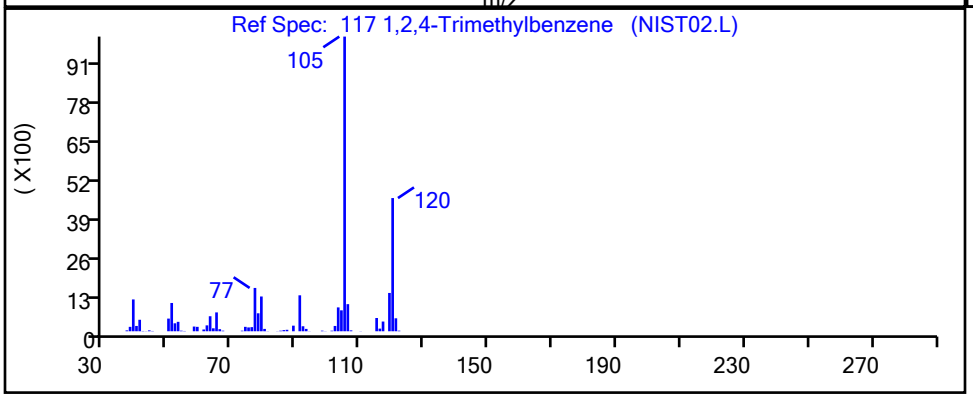
Processing Results











RT	Mass	Response	Amount
10.57	105.00	349	0.023505
10.58	120.00	237	

Reviewer: FK2C, 20-Sep-2024 12:45:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

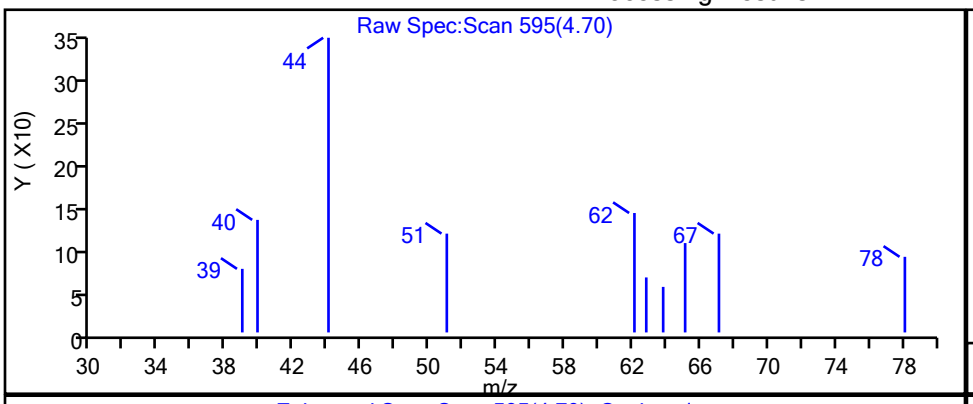
User Disabled Compound Report

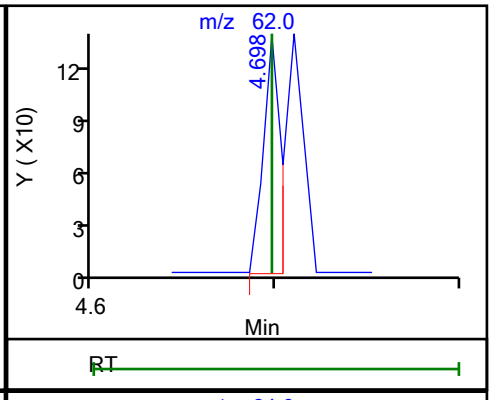
Eurofins Edison

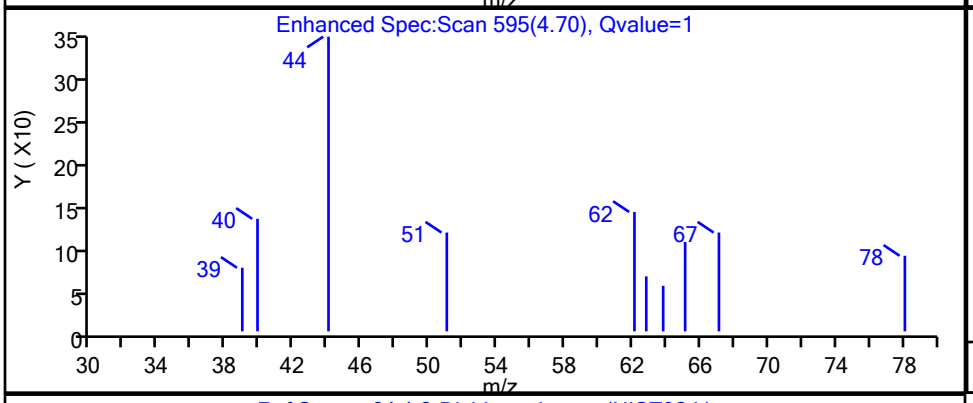
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

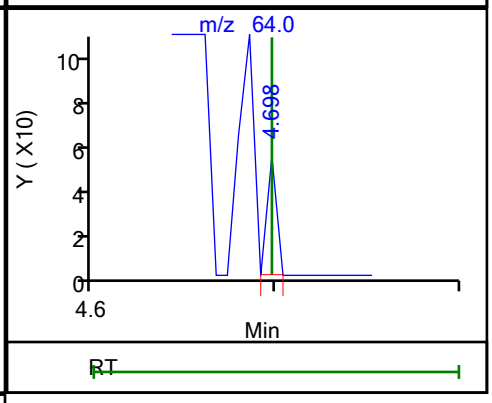
64 1,2-Dichloroethane, CAS: 107-06-2

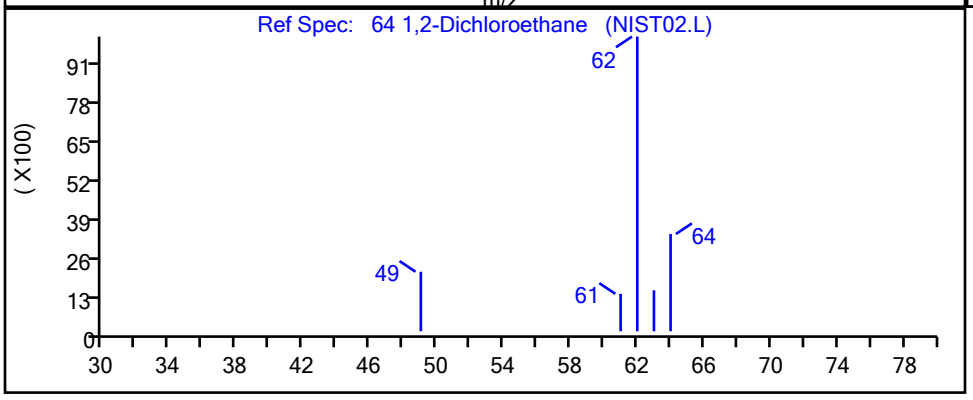
Processing Results











RT	Mass	Response	Amount
4.70	62.00	93	0.022839
4.70	64.00	19	

Reviewer: FK2C, 20-Sep-2024 12:45:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

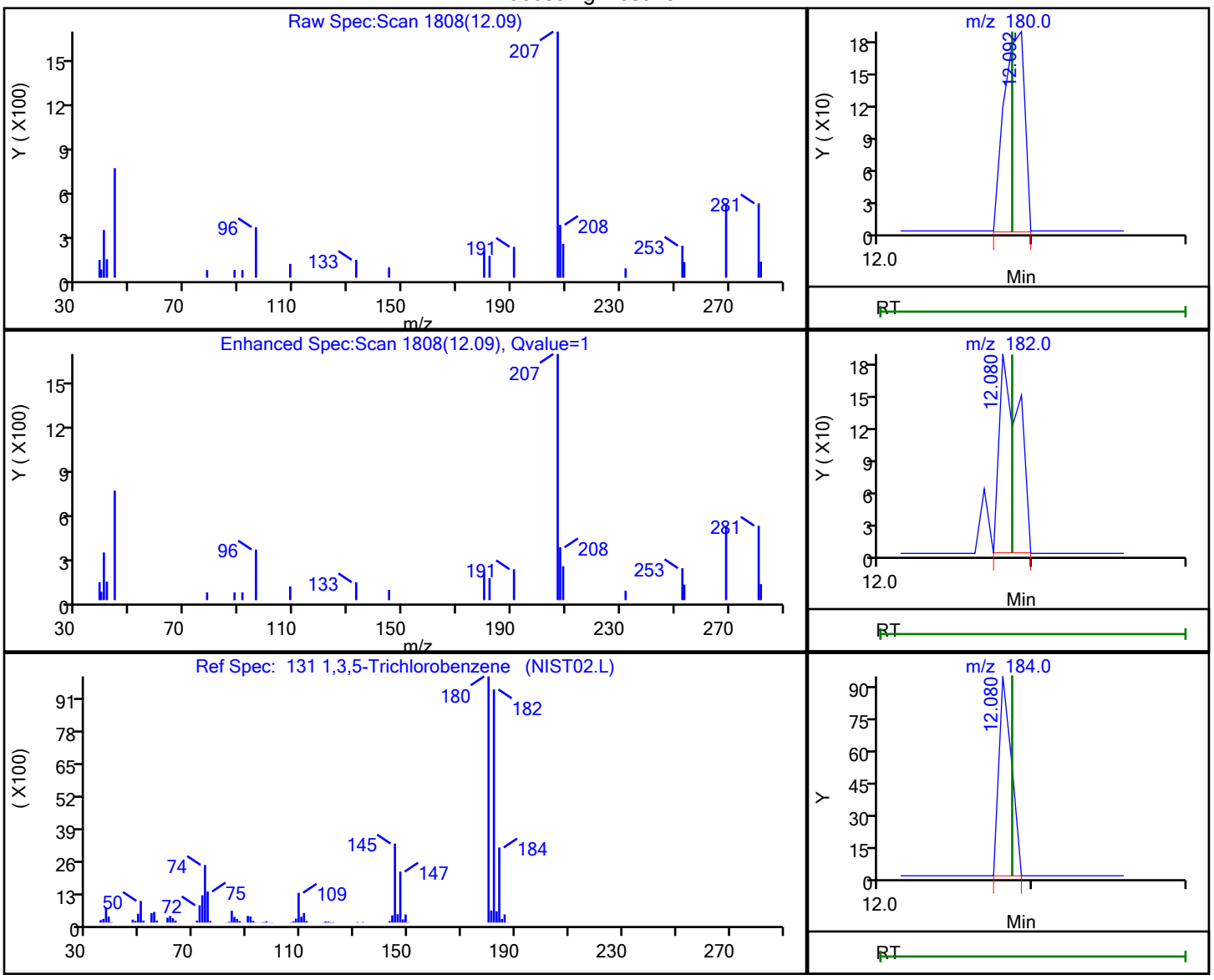
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.09	180.00	171	0.022921
12.08	182.00	163	
12.08	184.00	54	

Reviewer: FK2C, 20-Sep-2024 12:45:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

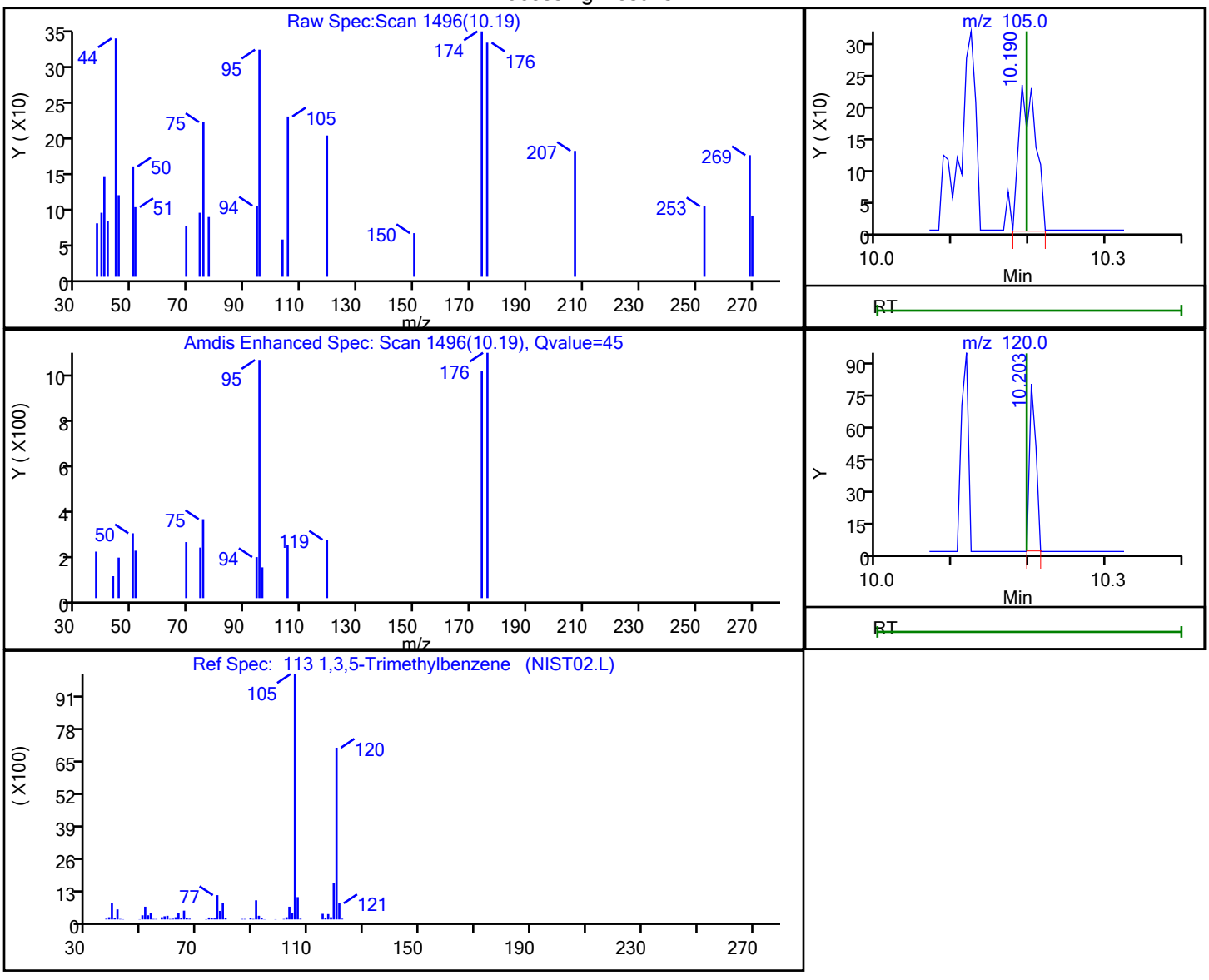
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.19	105.00	350	0.025250
10.20	120.00	48	

Reviewer: FK2C, 20-Sep-2024 12:45:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

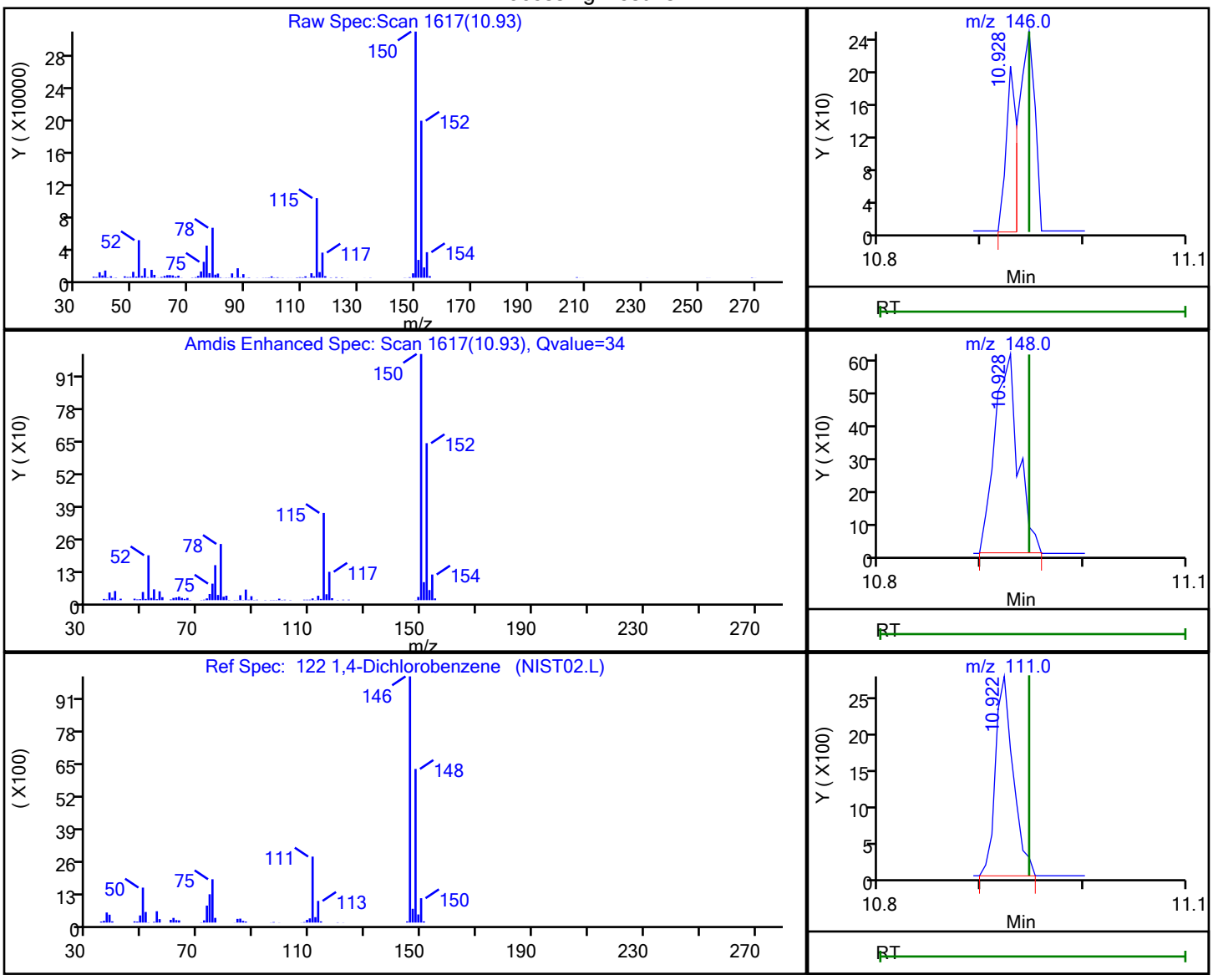
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.93	146.00	144	0.016554
10.93	148.00	994	
10.92	111.00	3360	

Reviewer: FK2C, 20-Sep-2024 12:45:32 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

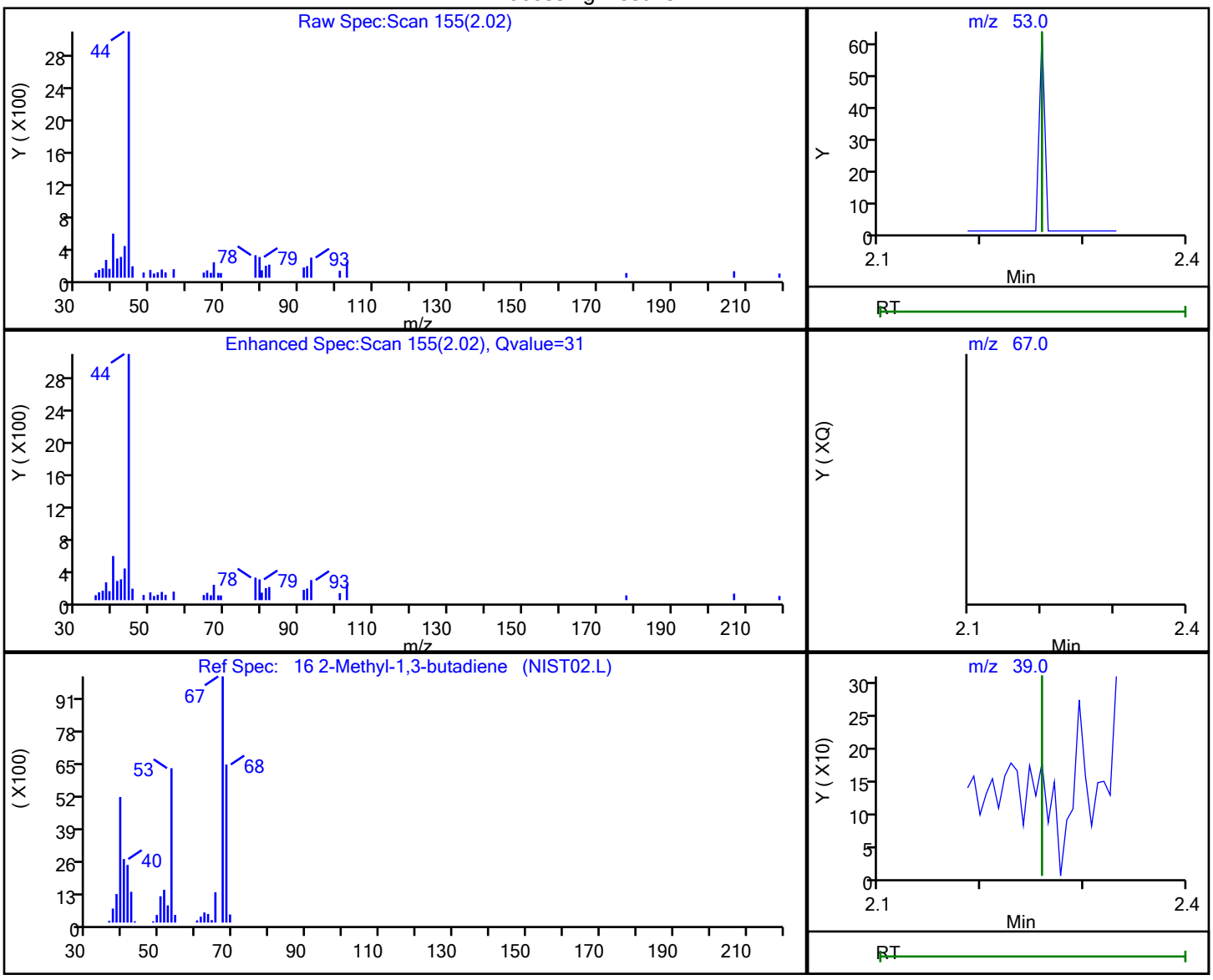
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.02	53.00	101	0.028242
2.00	67.00	211	
2.01	39.00	460	

Reviewer: FK2C, 20-Sep-2024 12:44:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

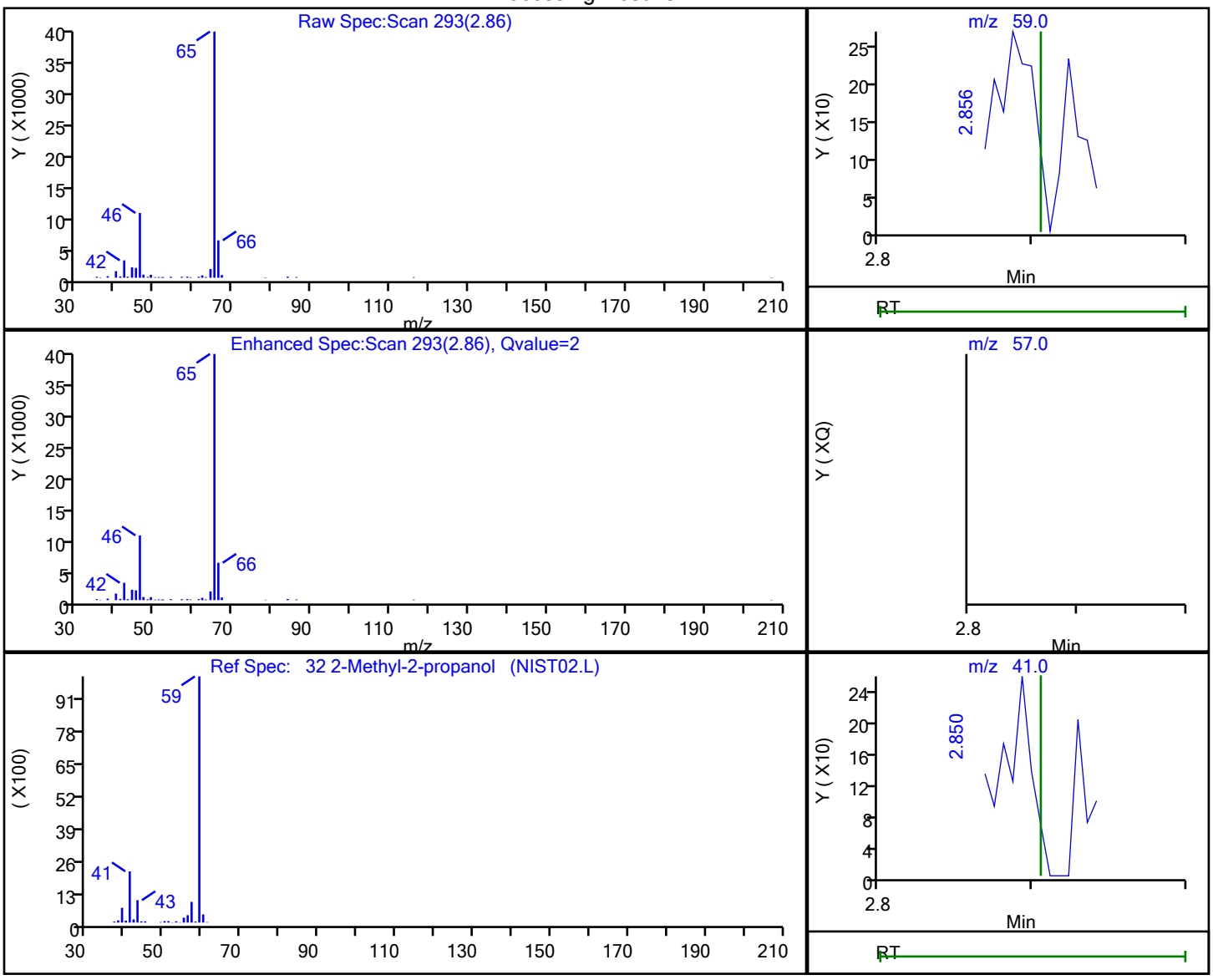
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.86	59.00	60	0.372406
2.86	57.00	75	
2.85	41.00	762	

Reviewer: FK2C, 20-Sep-2024 12:44:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

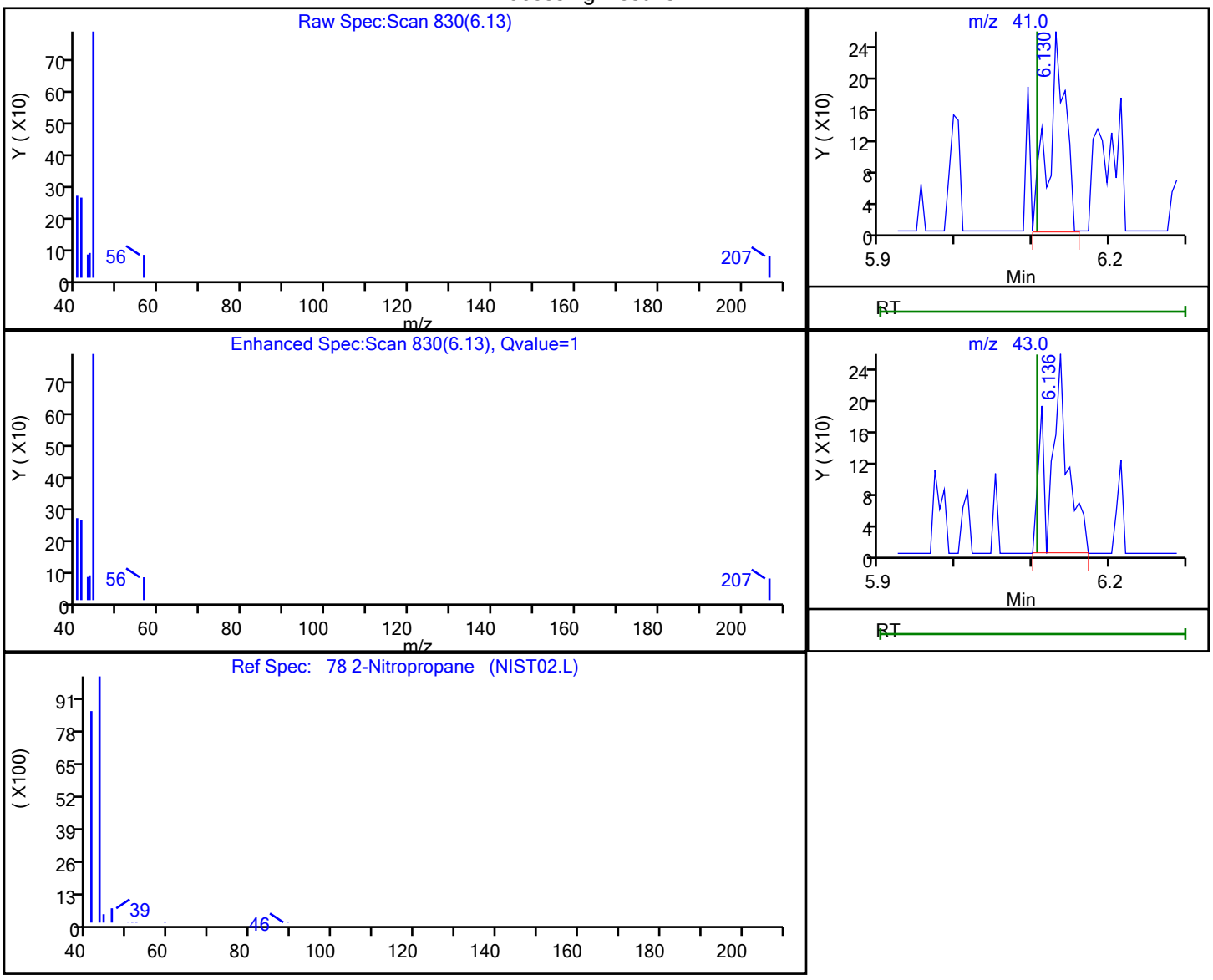
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.13	41.00	386	0.697812
6.14	43.00	435	

Reviewer: FK2C, 20-Sep-2024 12:45:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

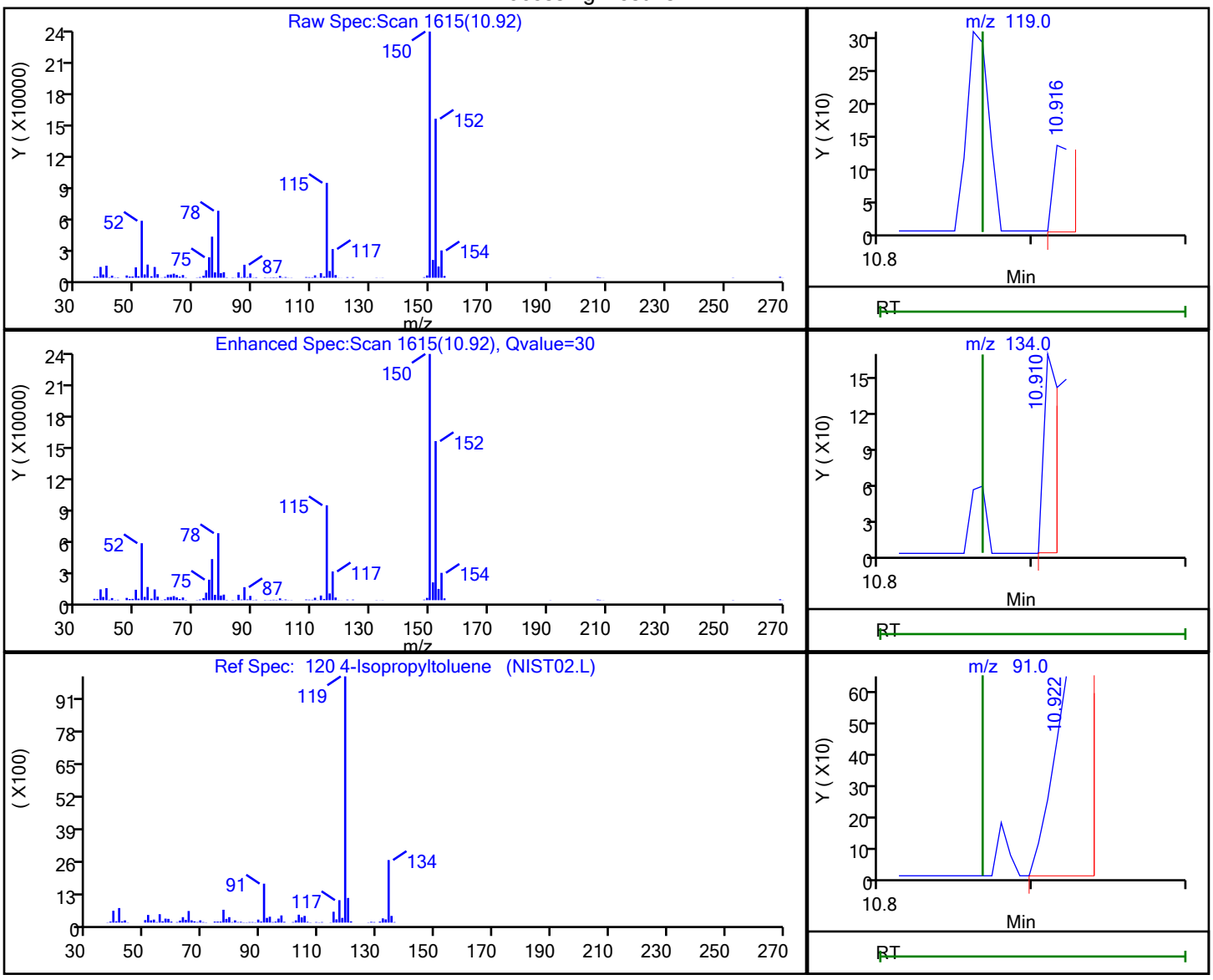
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.92	119.00	93	0.005958
10.91	134.00	111	
10.92	91.00	752	

Reviewer: FK2C, 20-Sep-2024 12:45:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

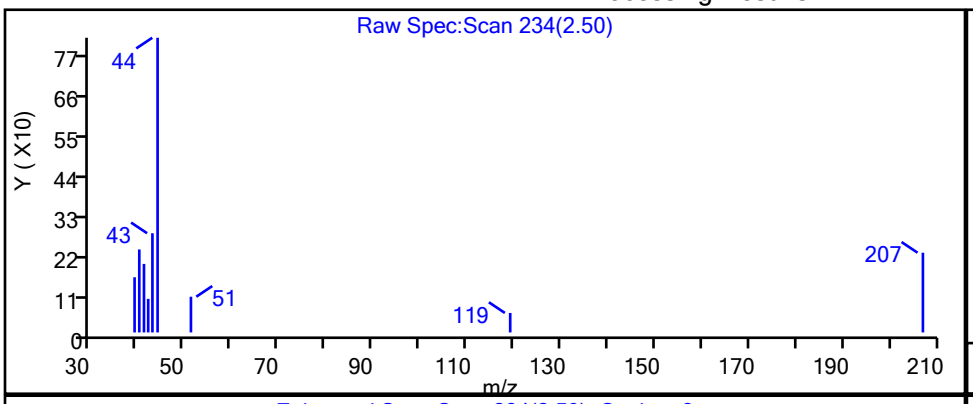
User Disabled Compound Report

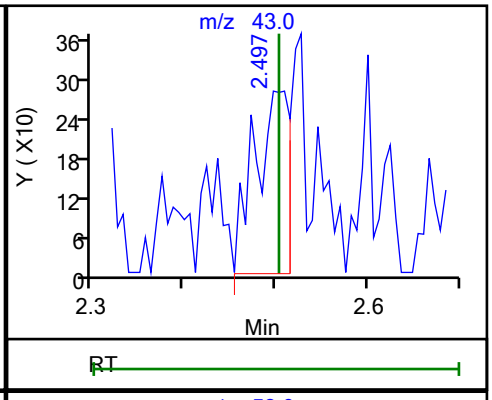
Eurofins Edison

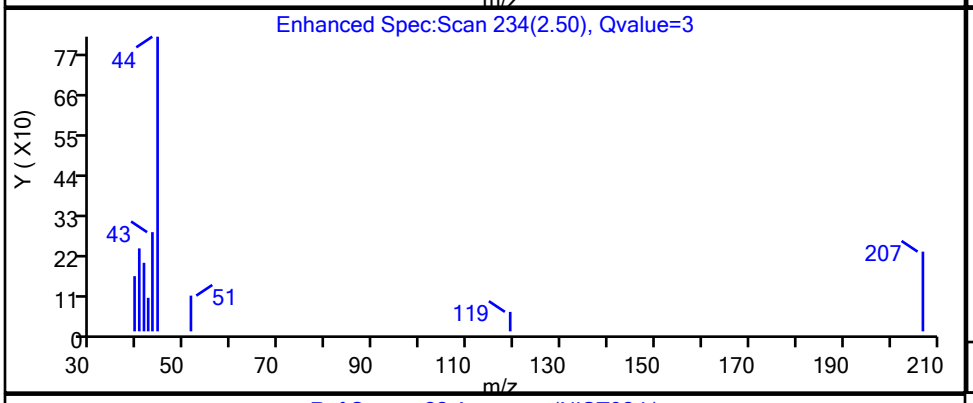
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

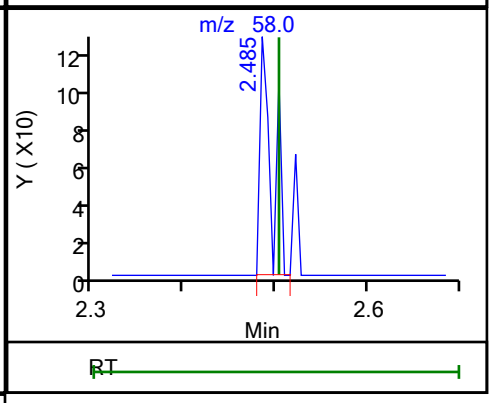
22 Acetone, CAS: 67-64-1

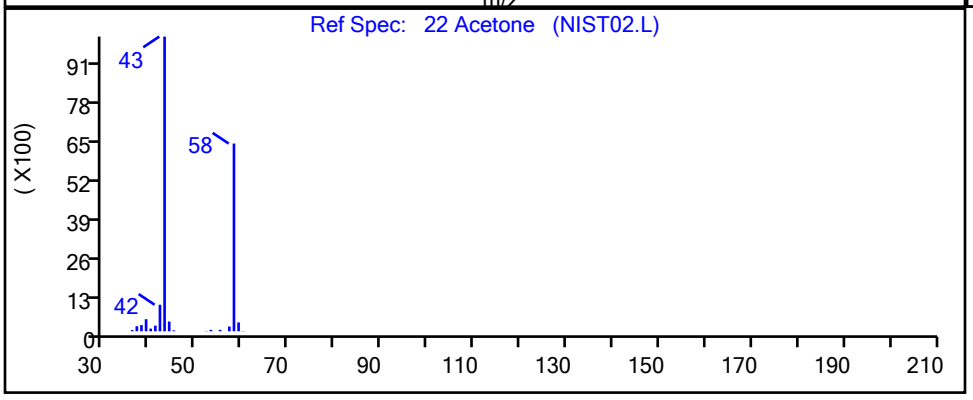
Processing Results











RT	Mass	Response	Amount
2.50	43.00	731	1.138898
2.48	58.00	118	

Reviewer: FK2C, 20-Sep-2024 12:44:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

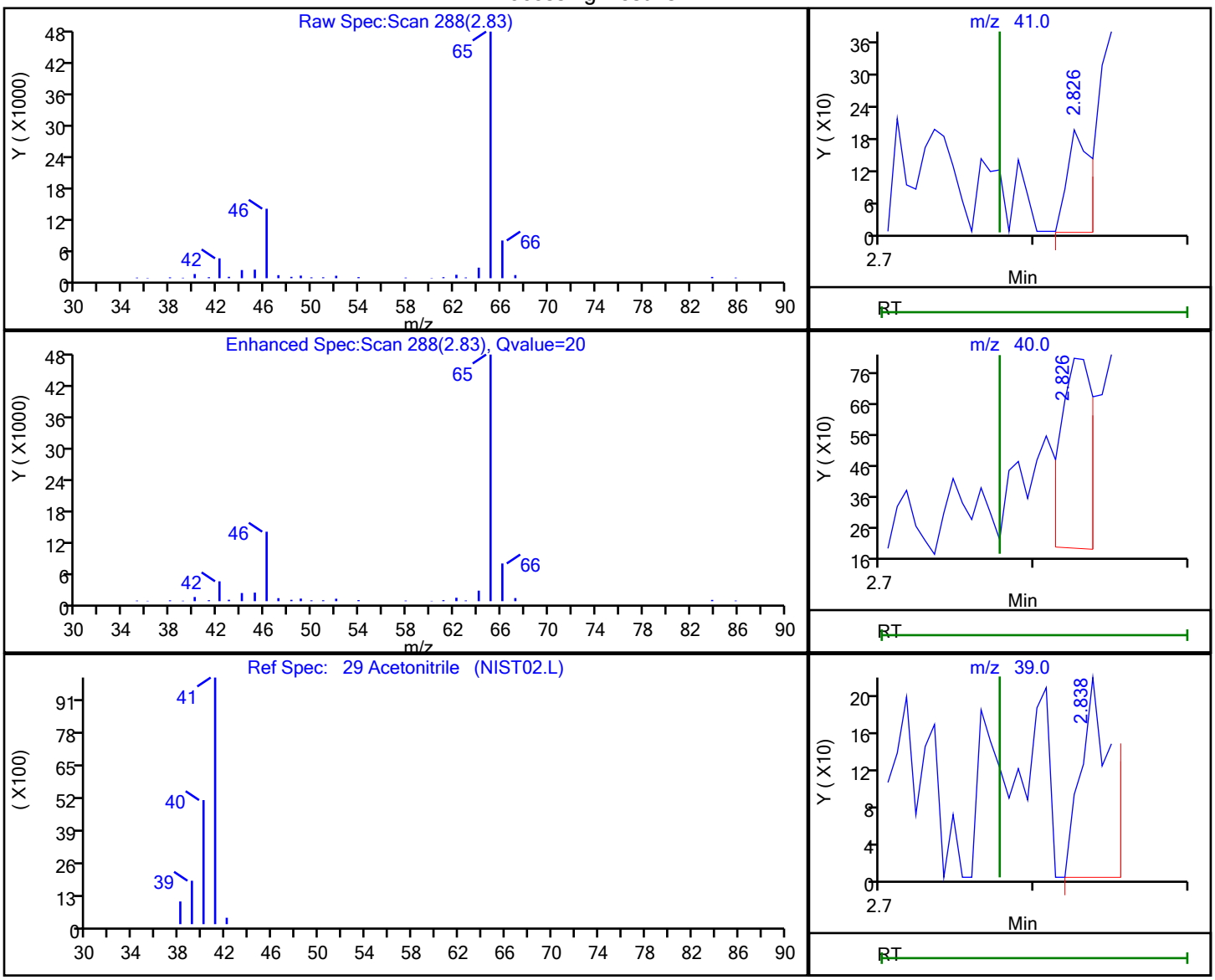
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.83	41.00	203	0.268763
2.83	40.00	903	
2.84	39.00	255	
2.83	38.00	407	

Reviewer: FK2C, 20-Sep-2024 12:44:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

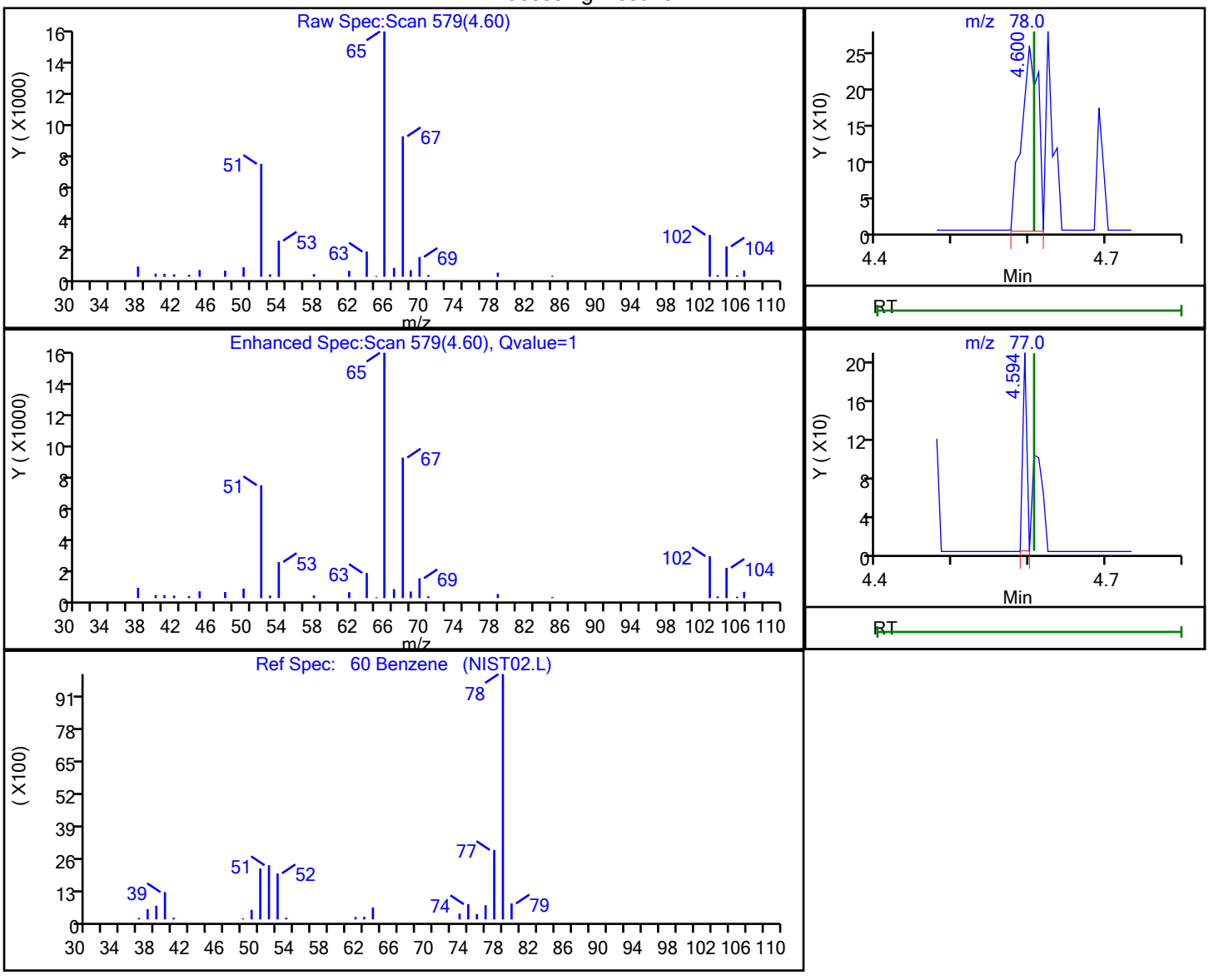
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.60	78.00	390	0.022619
4.59	77.00	76	

Reviewer: FK2C, 20-Sep-2024 12:45:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

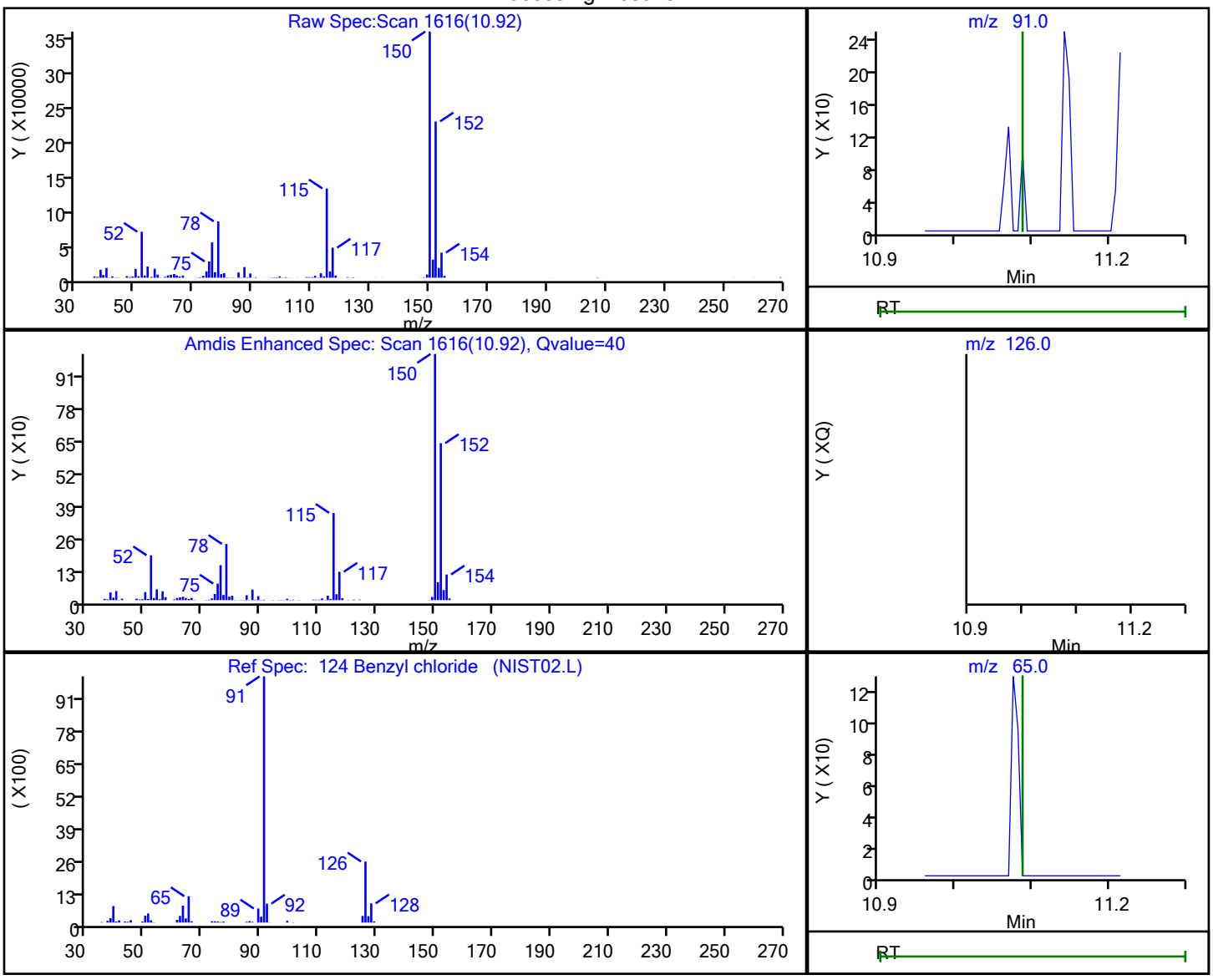
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.92	91.00	752	0.134770
10.92	126.00	66	
10.92	65.00	2062	

Reviewer: FK2C, 20-Sep-2024 12:45:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

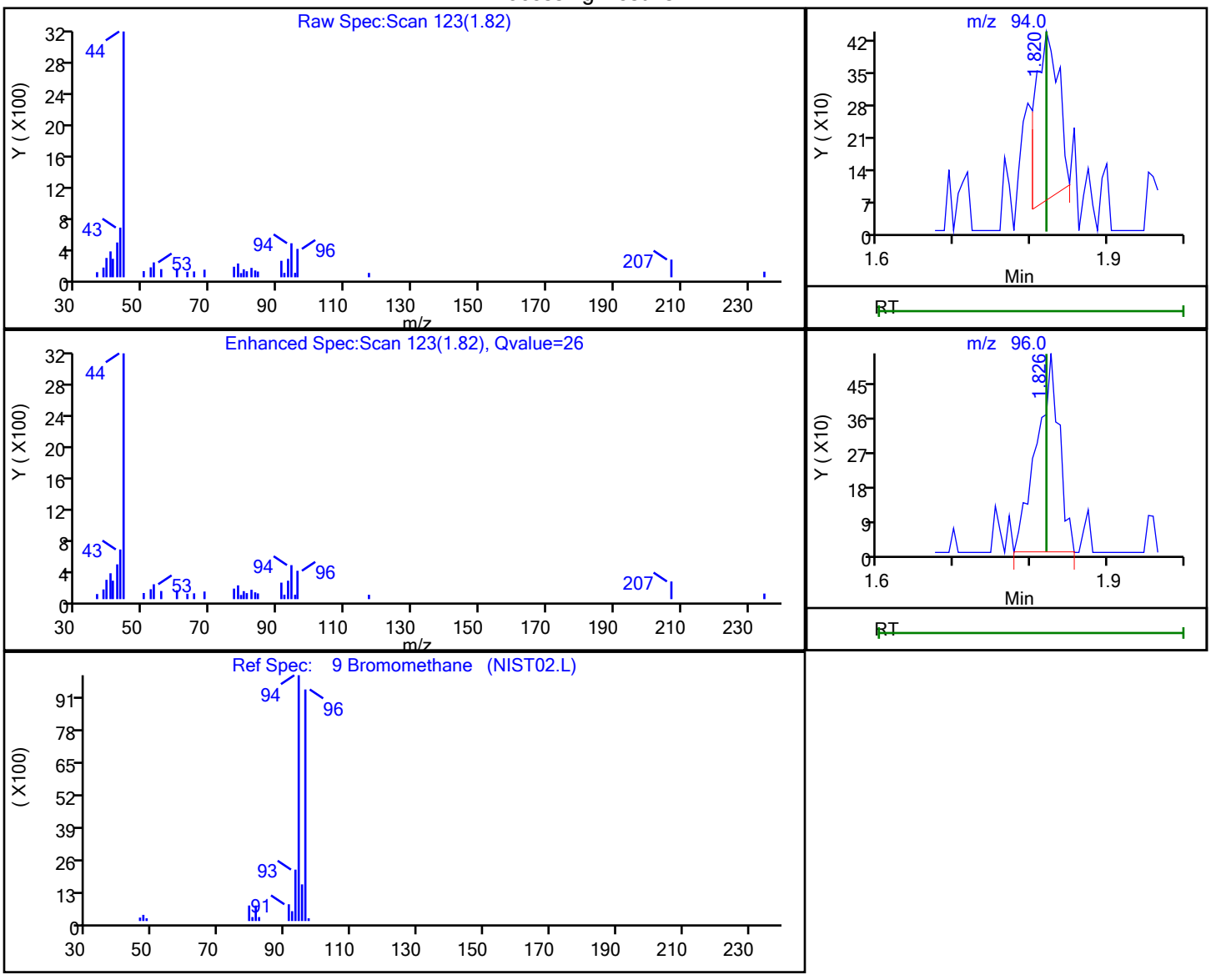
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D		
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.82	94.00	759	0.212565
1.83	96.00	1084	

Reviewer: FK2C, 20-Sep-2024 12:44:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

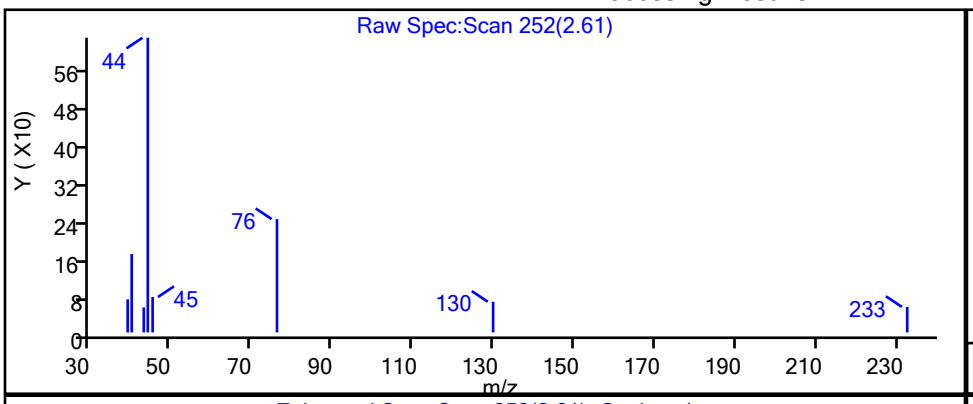
User Disabled Compound Report

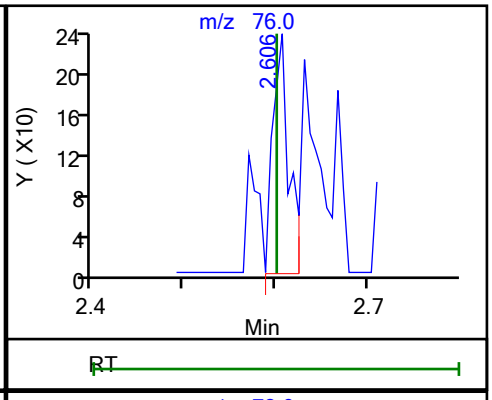
Eurofins Edison

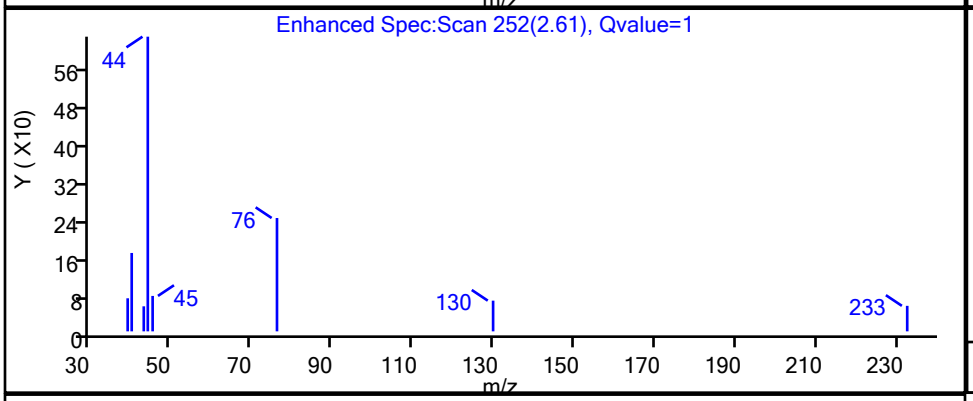
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

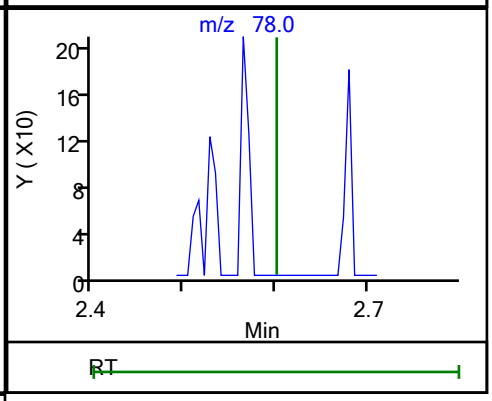
24 Carbon disulfide, CAS: 75-15-0

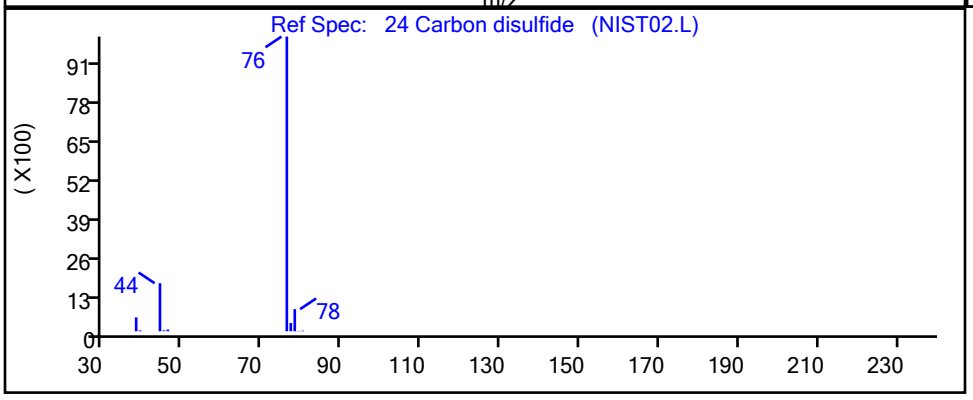
Processing Results











RT	Mass	Response	Amount
2.61	76.00	292	0.019287
2.61	78.00	0	

Reviewer: FK2C, 20-Sep-2024 12:44:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

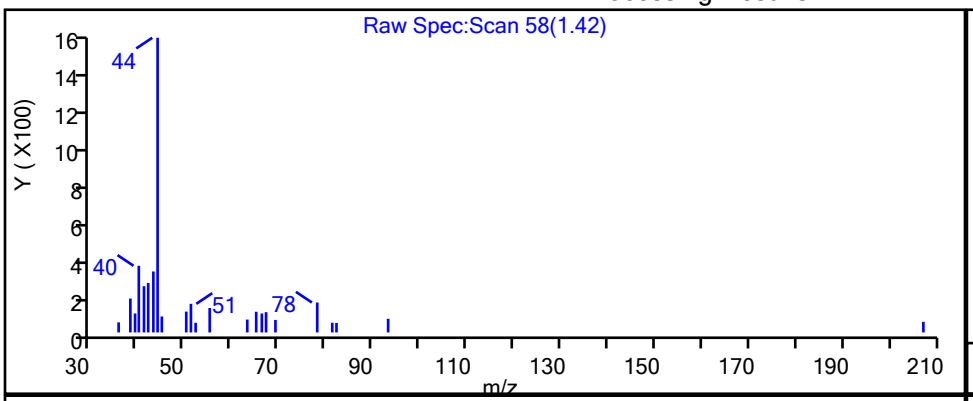
User Disabled Compound Report

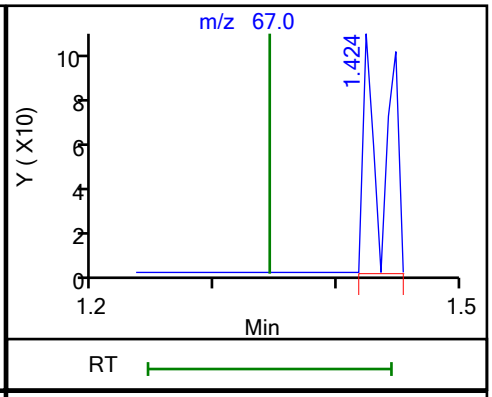
Eurofins Edison

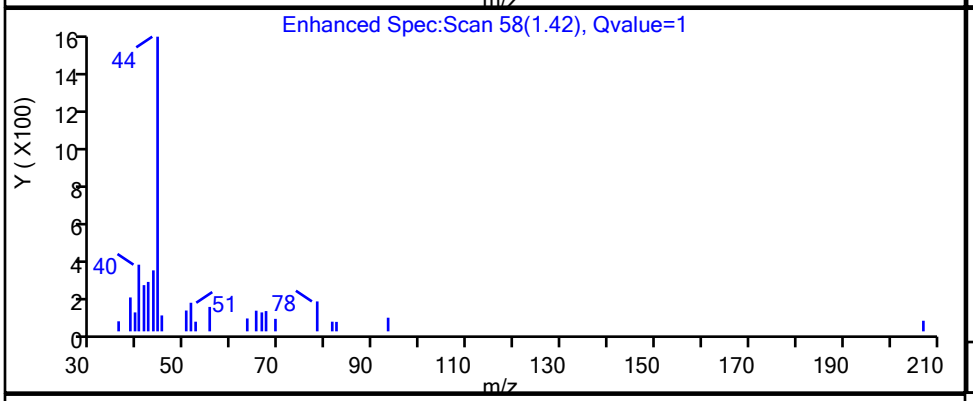
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

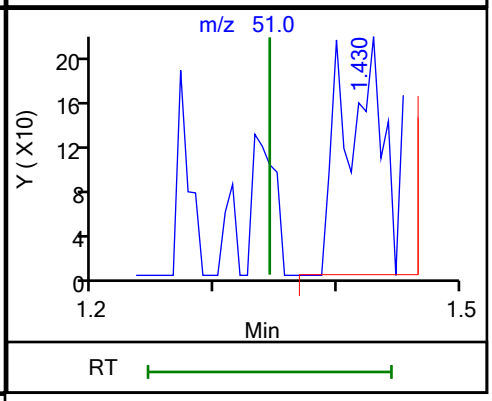
5 Chlorodifluoromethane, CAS: 75-45-6

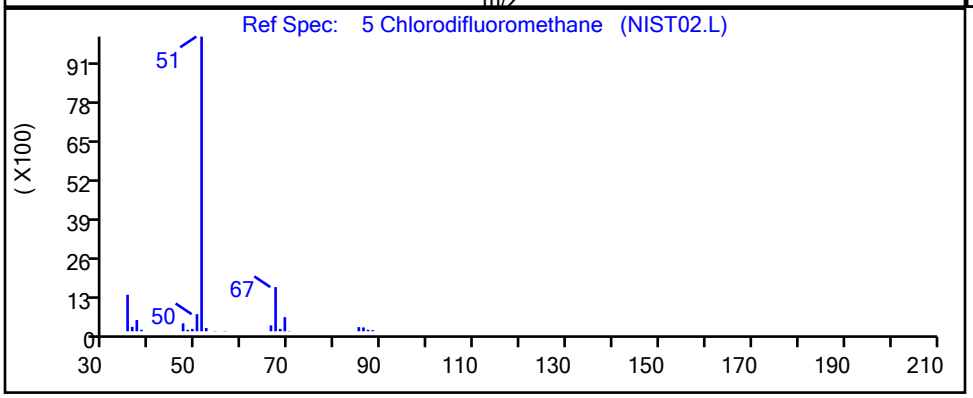
Processing Results











RT	Mass	Response	Amount
1.42	67.00	122	0.160098
1.43	51.00	538	

Reviewer: FK2C, 20-Sep-2024 12:44:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

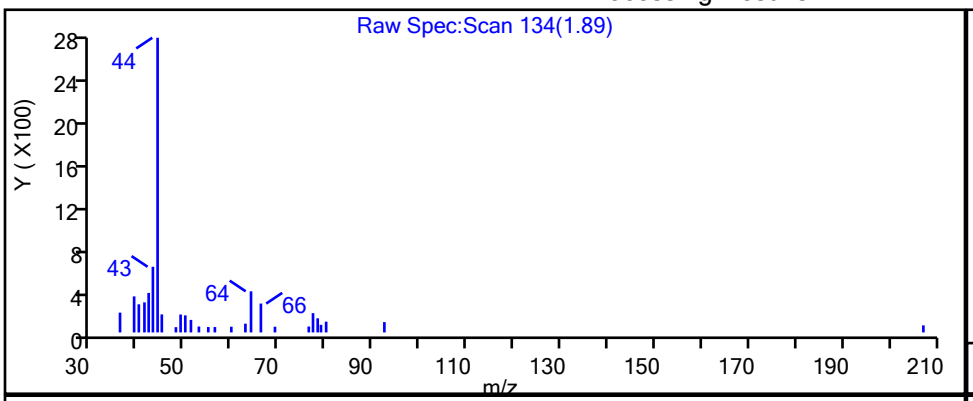
User Disabled Compound Report

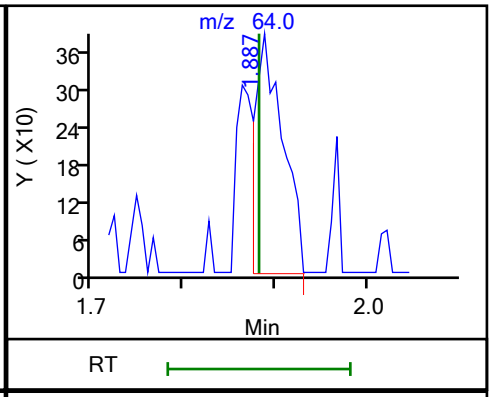
Eurofins Edison

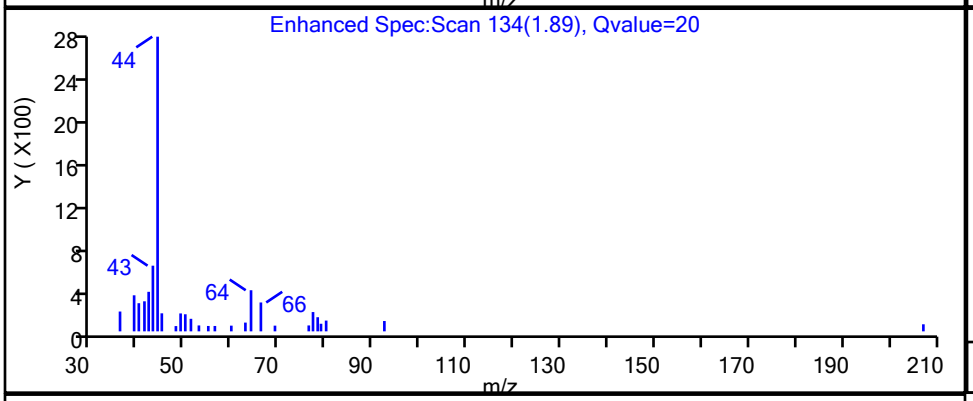
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

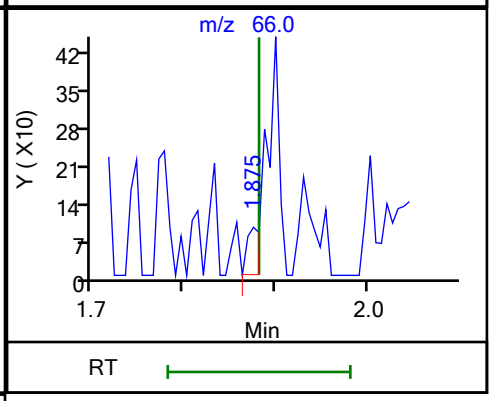
10 Chloroethane, CAS: 75-00-3

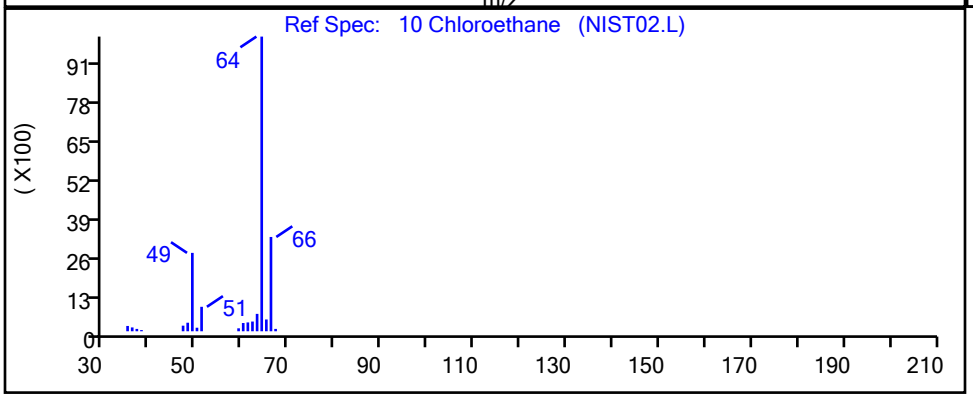
Processing Results











RT	Mass	Response	Amount
1.89	64.00	822	0.273321
1.87	66.00	89	

Reviewer: FK2C, 20-Sep-2024 12:44:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

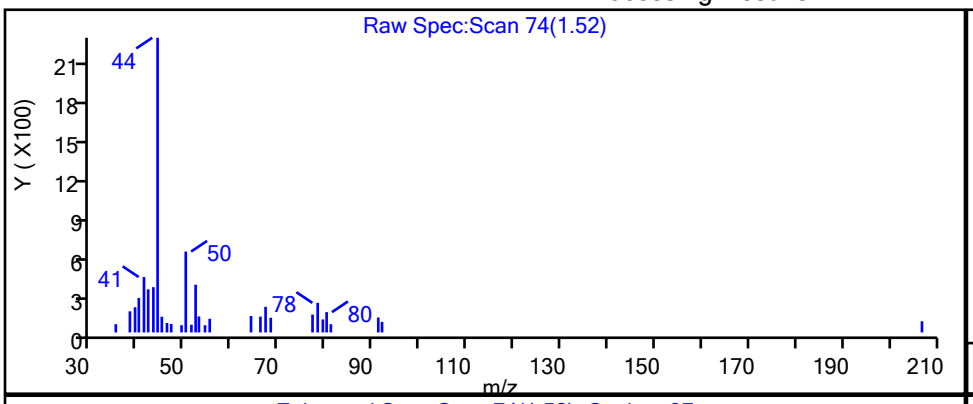
User Disabled Compound Report

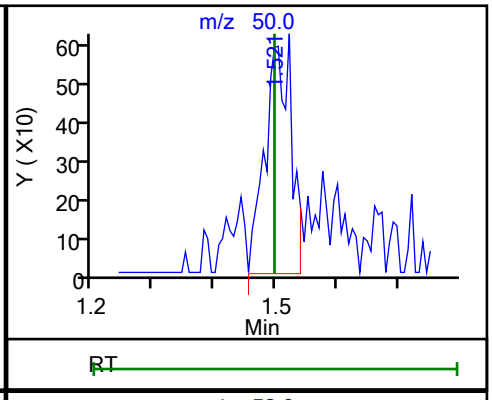
Eurofins Edison

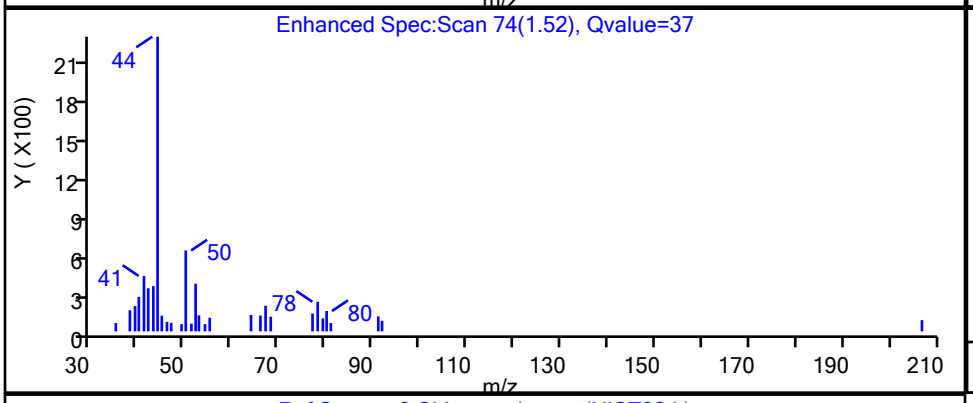
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

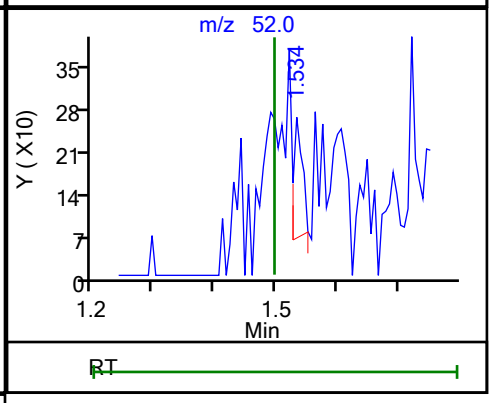
6 Chloromethane, CAS: 74-87-3

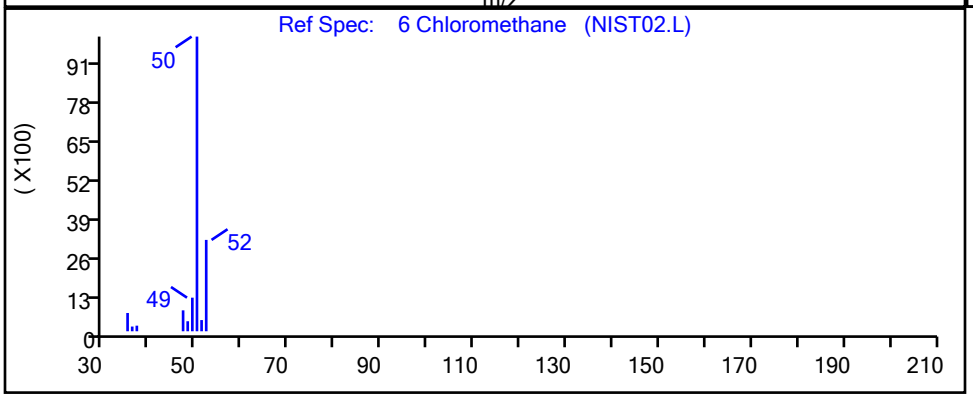
Processing Results











RT	Mass	Response	Amount
1.52	50.00	1812	0.319533
1.53	52.00	192	

Reviewer: FK2C, 20-Sep-2024 12:44:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

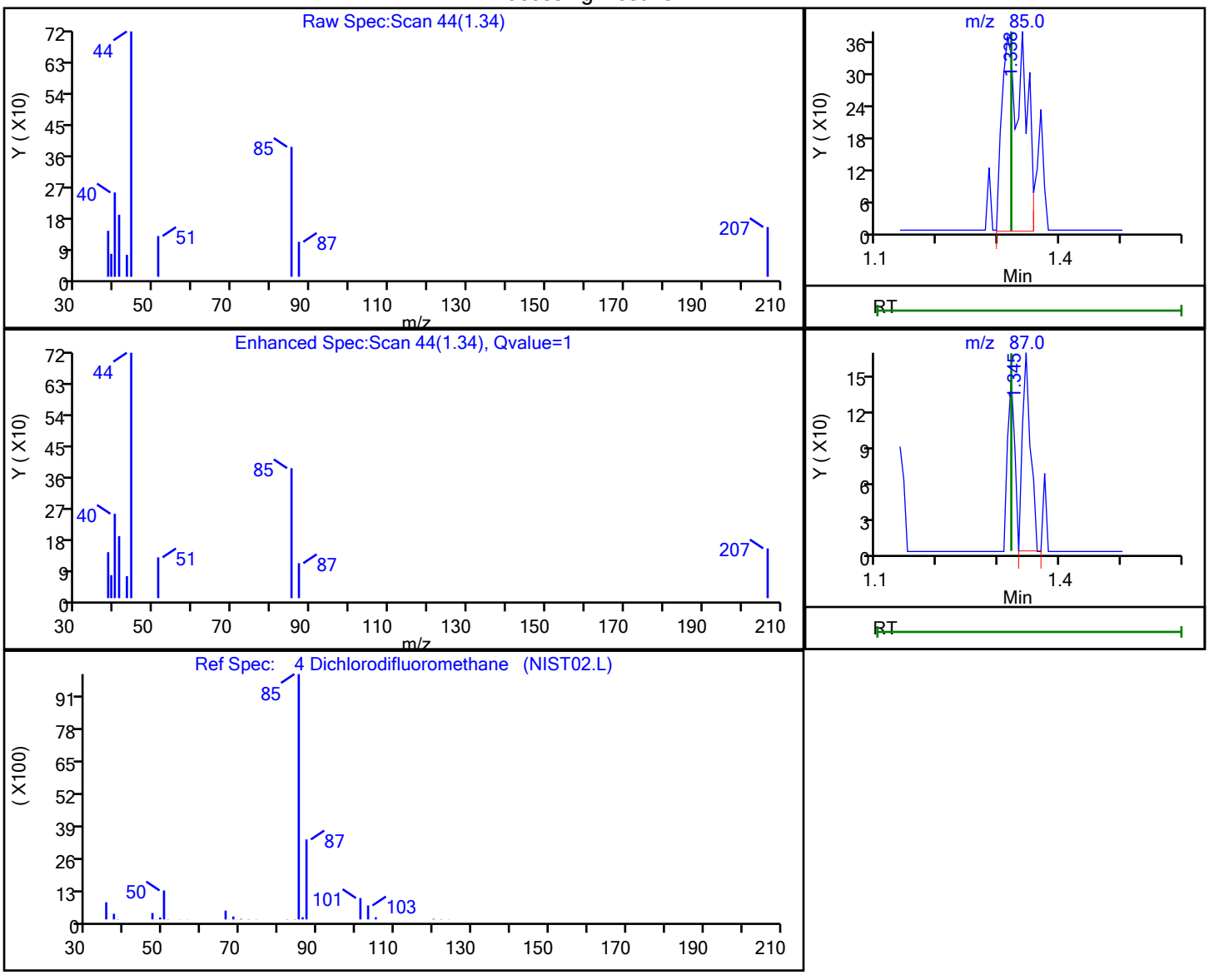
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.34	85.00	925	0.254175
1.34	87.00	151	

Reviewer: FK2C, 20-Sep-2024 12:44:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

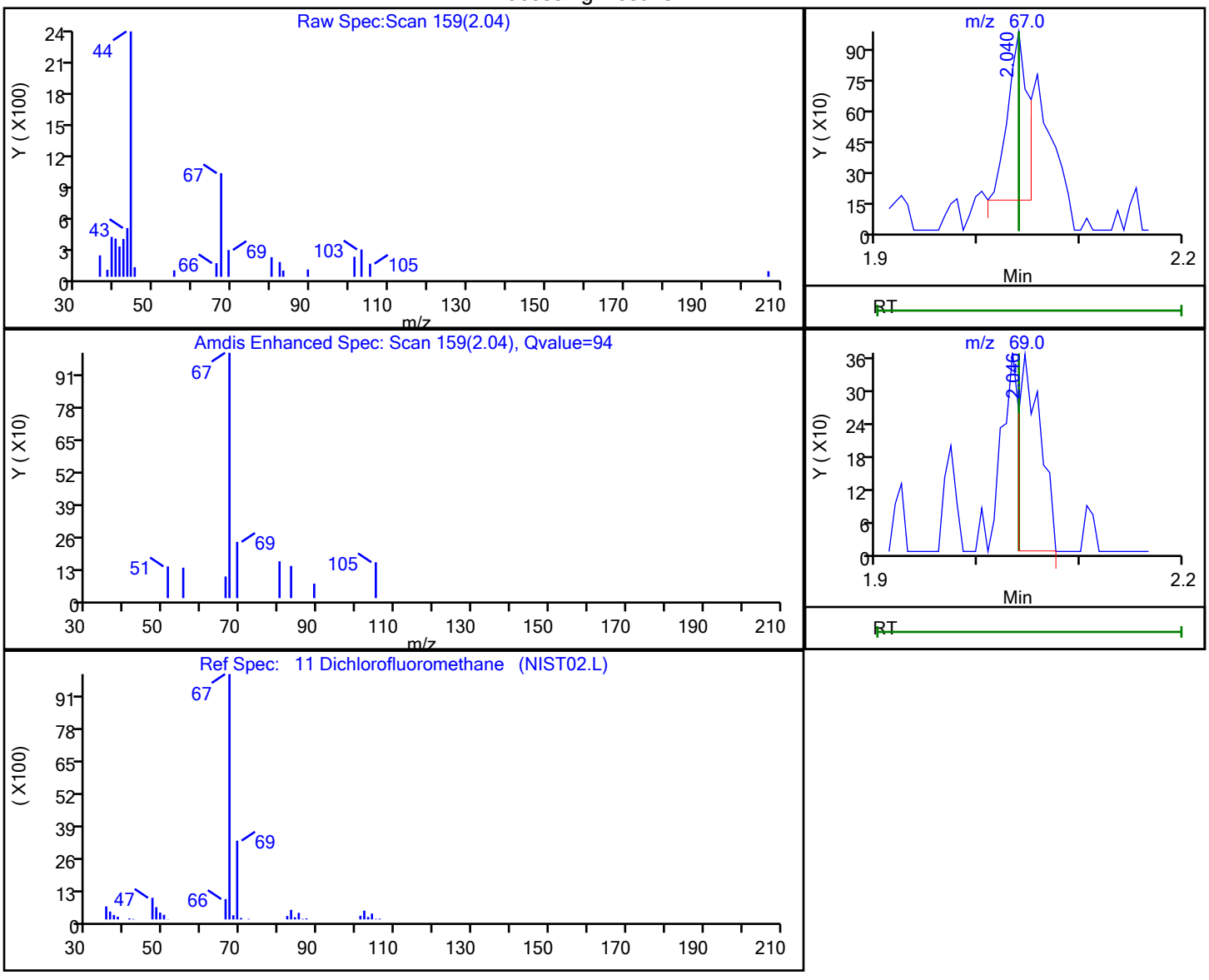
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.04	67.00	1145	0.137808
2.05	69.00	534	

Reviewer: FK2C, 20-Sep-2024 12:44:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

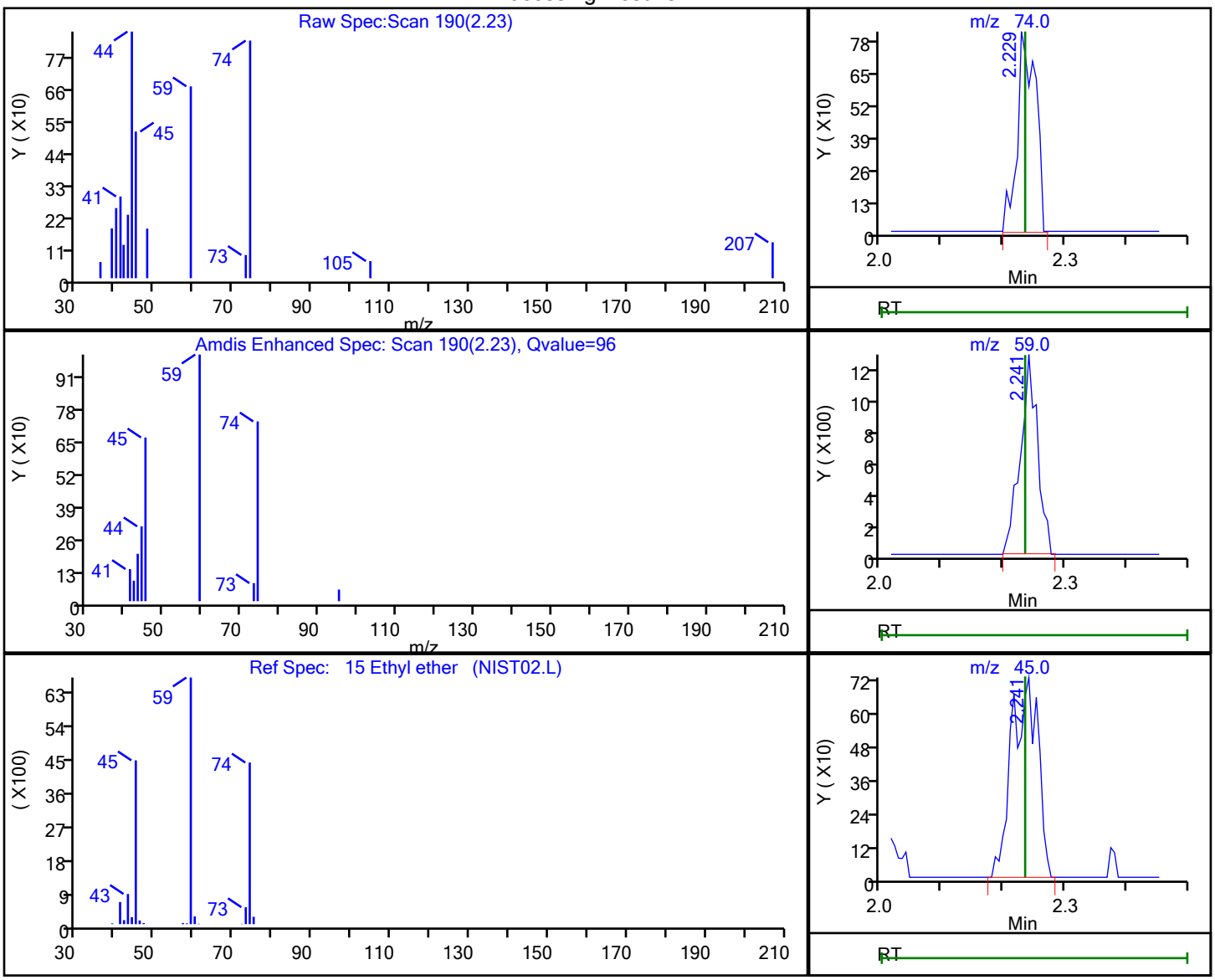
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.23	74.00	1698	-0.014674
2.24	59.00	2451	
2.24	45.00	2139	

Reviewer: FK2C, 20-Sep-2024 12:44:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

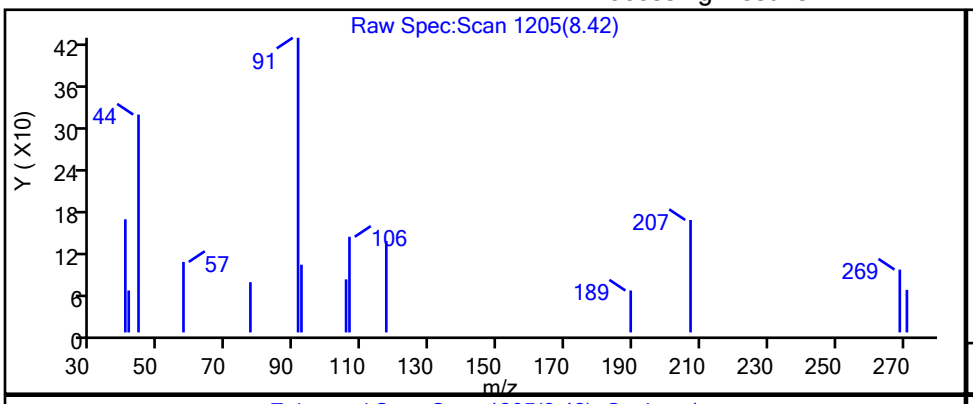
User Disabled Compound Report

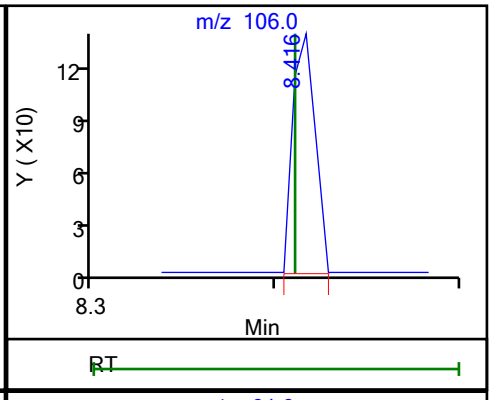
Eurofins Edison

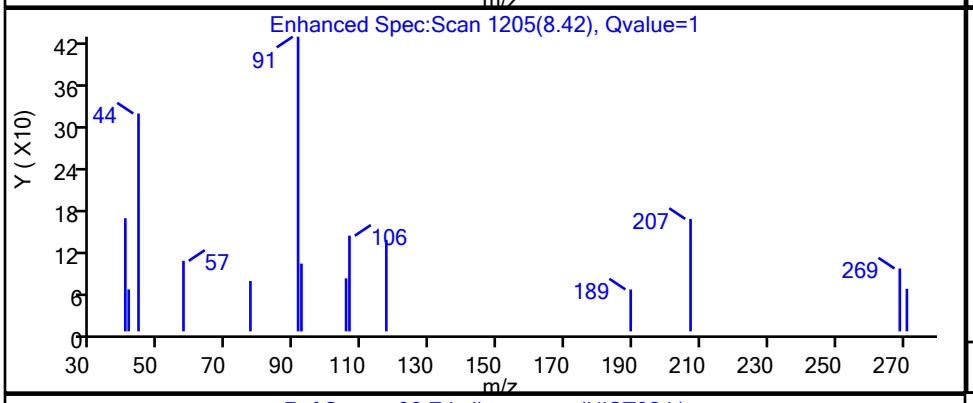
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

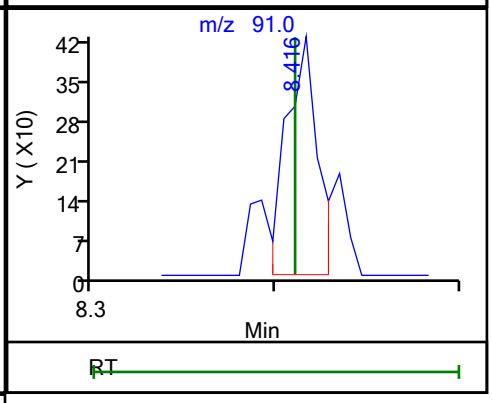
96 Ethylbenzene, CAS: 100-41-4

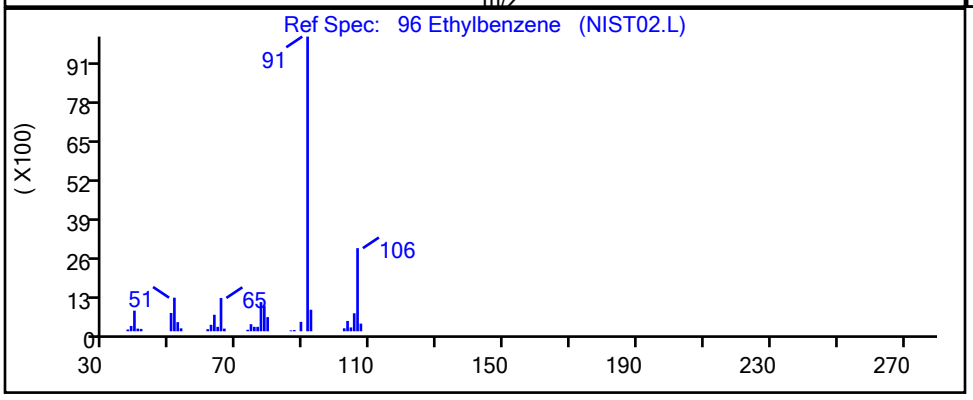
Processing Results











RT	Mass	Response	Amount
8.42	106.00	117	0.019715
8.42	91.00	511	

Reviewer: FK2C, 20-Sep-2024 12:45:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

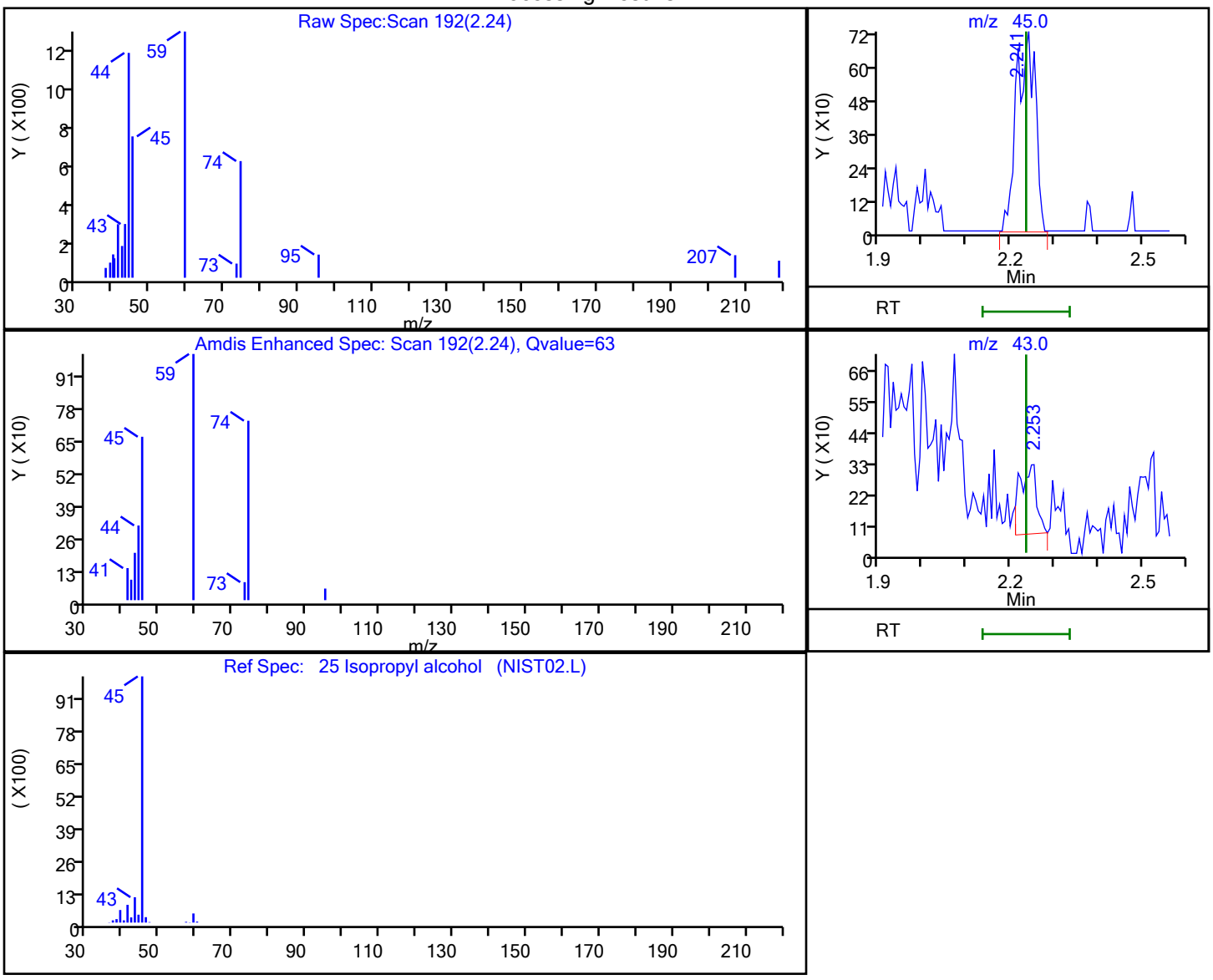
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.24	45.00	2139	5.042171
2.25	43.00	660	

Reviewer: FK2C, 20-Sep-2024 12:44:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

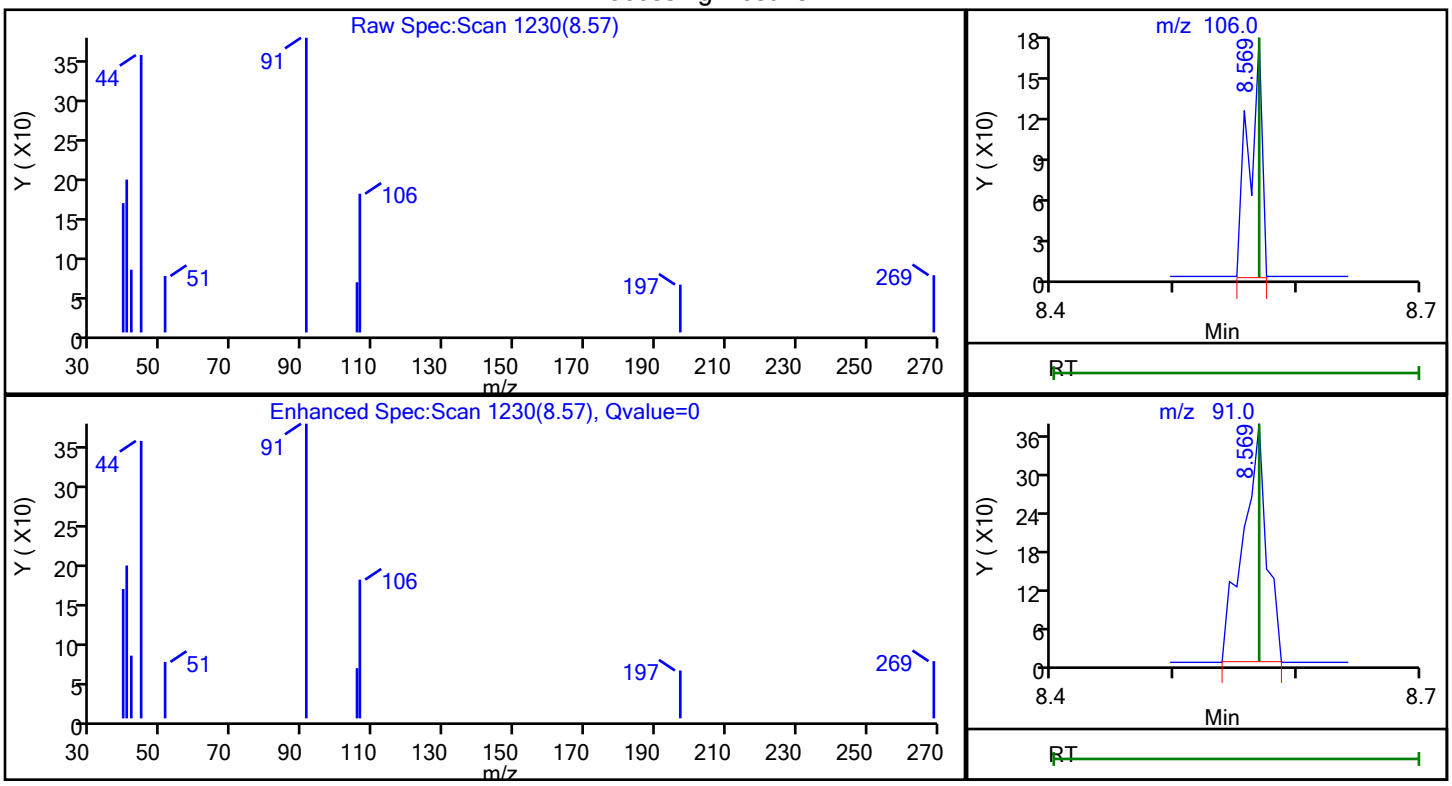
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.57	106.00	132	0.018788
8.57	91.00	503	

Reviewer: FK2C, 20-Sep-2024 12:45:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

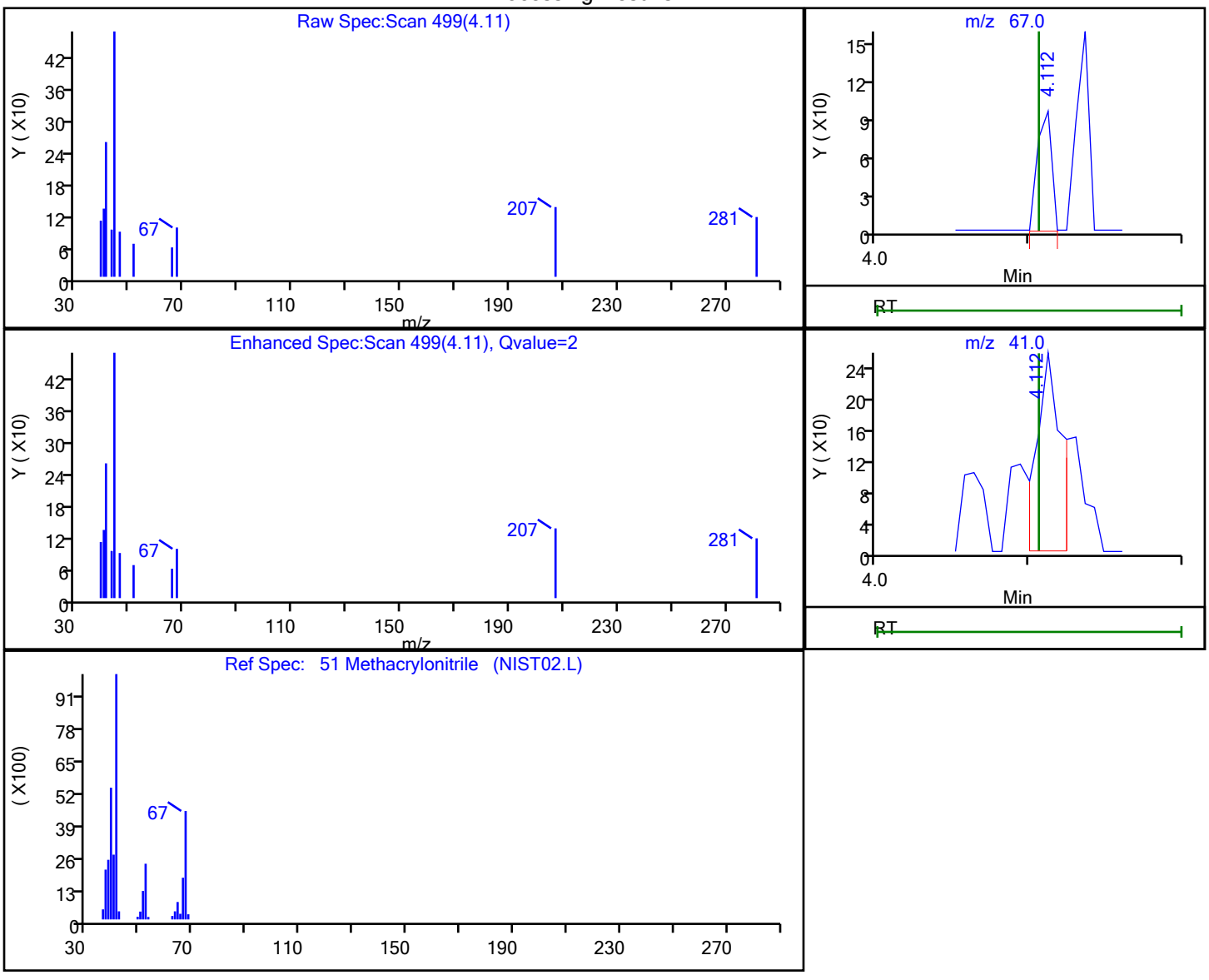
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.11	67.00	61	0.051389
4.11	41.00	294	

Reviewer: FK2C, 20-Sep-2024 12:45:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

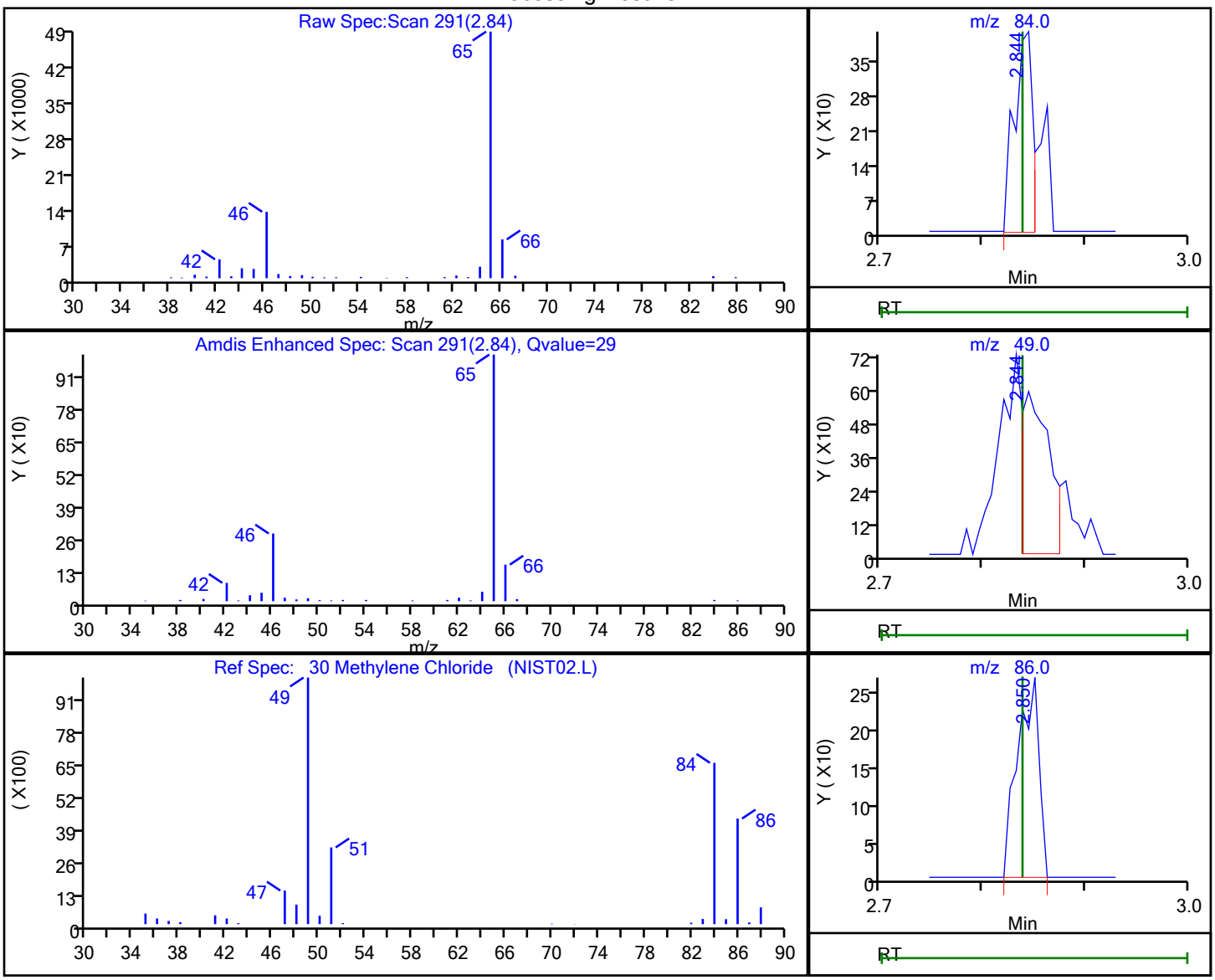
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	512	0.101249
2.84	49.00	1133	
2.85	86.00	385	

Reviewer: FK2C, 20-Sep-2024 12:44:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

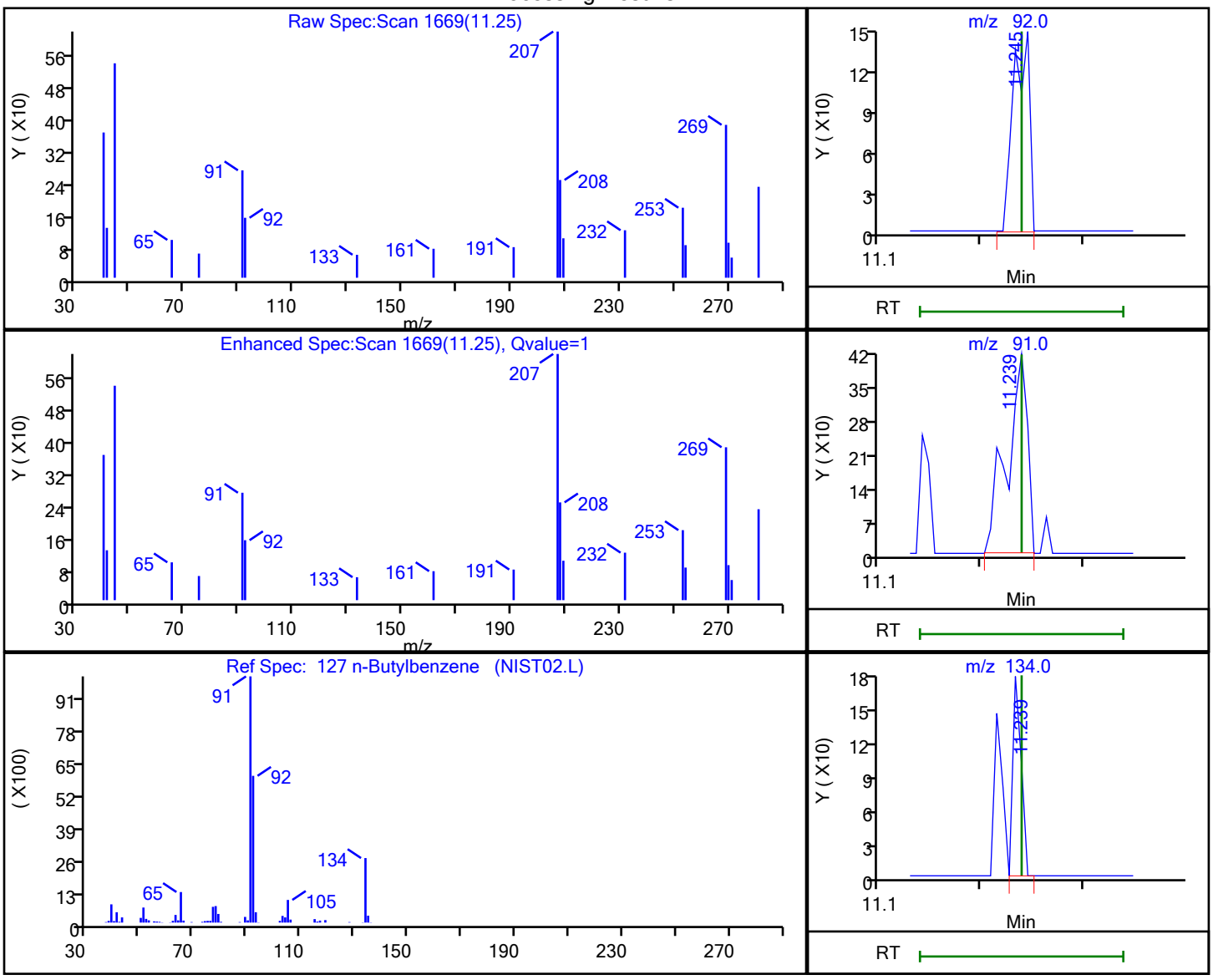
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.25	92.00	163	0.018294
11.24	91.00	582	
11.24	134.00	101	

Reviewer: FK2C, 20-Sep-2024 12:45:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

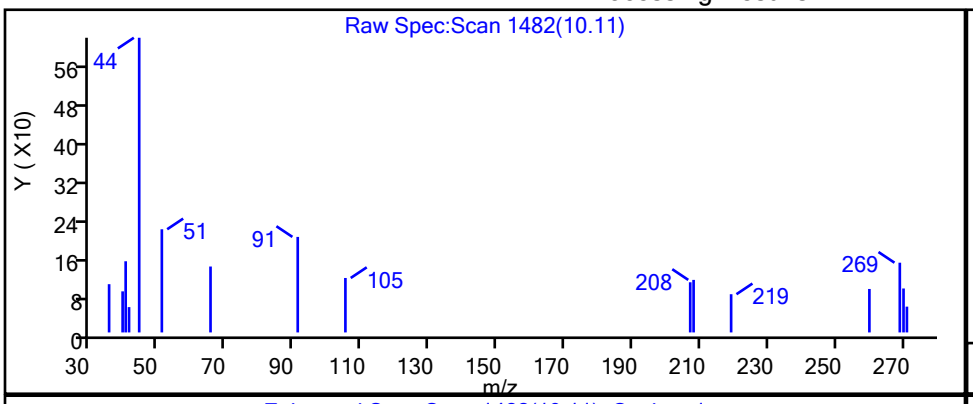
User Disabled Compound Report

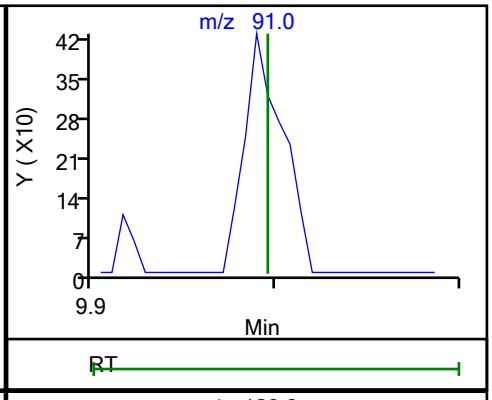
Eurofins Edison

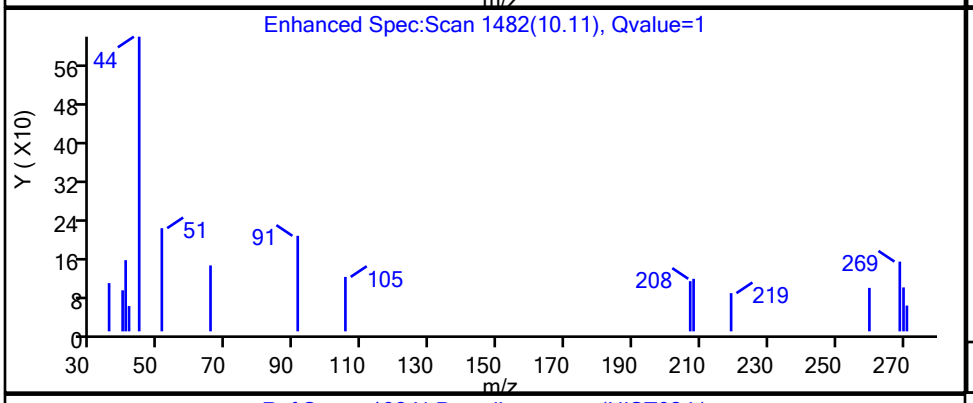
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

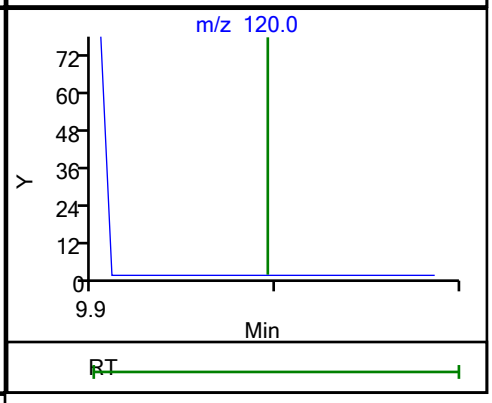
108 N-Propylbenzene, CAS: 103-65-1

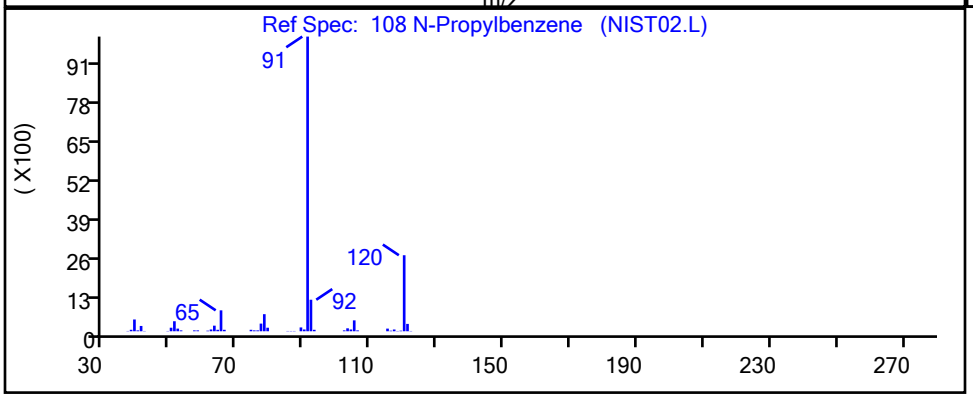
Processing Results











RT	Mass	Response	Amount
10.11	91.00	199	0.009411
10.12	120.00	60	

Reviewer: FK2C, 20-Sep-2024 12:45:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

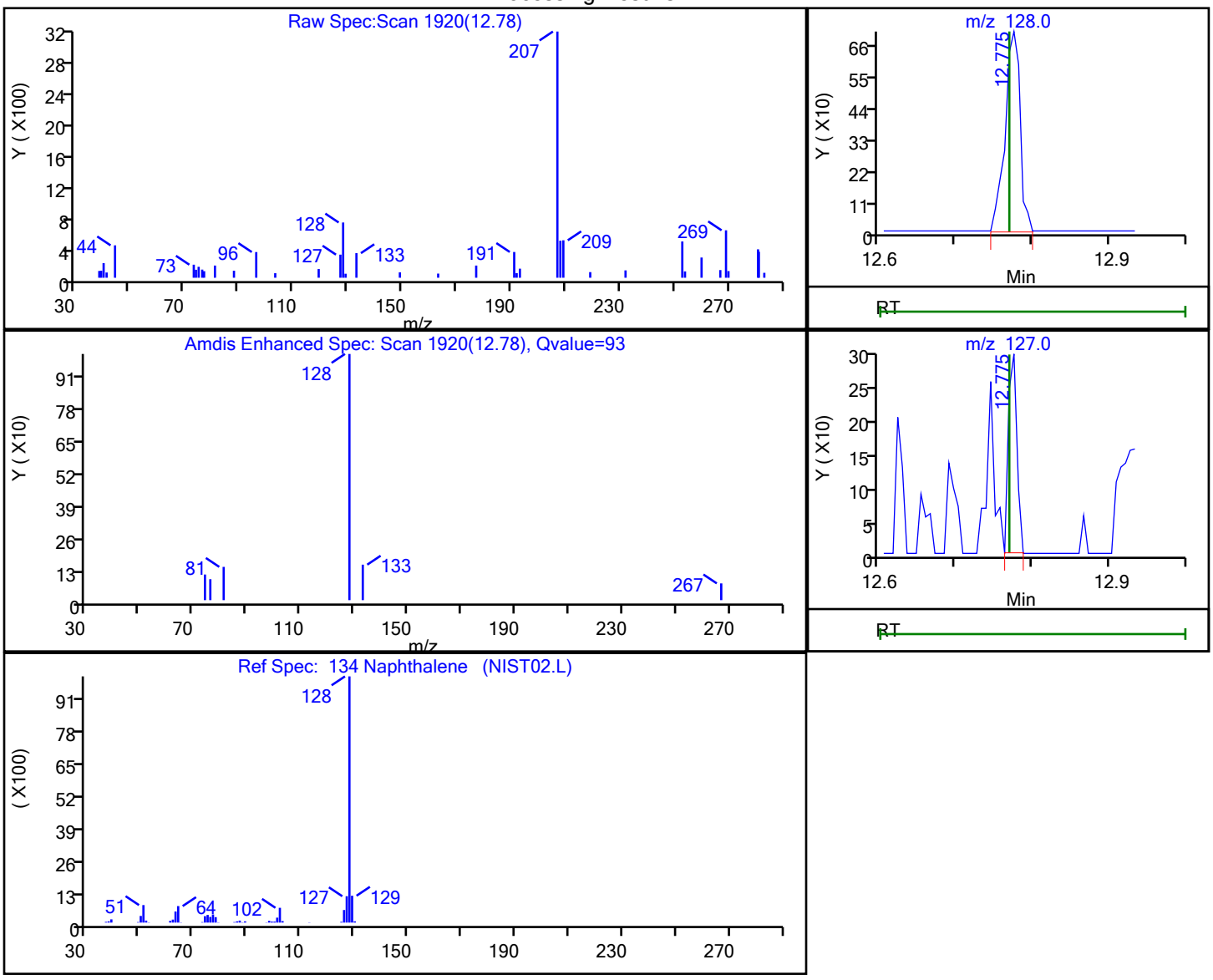
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.78	128.00	969	0.085284
12.78	127.00	232	

Reviewer: FK2C, 20-Sep-2024 12:45:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

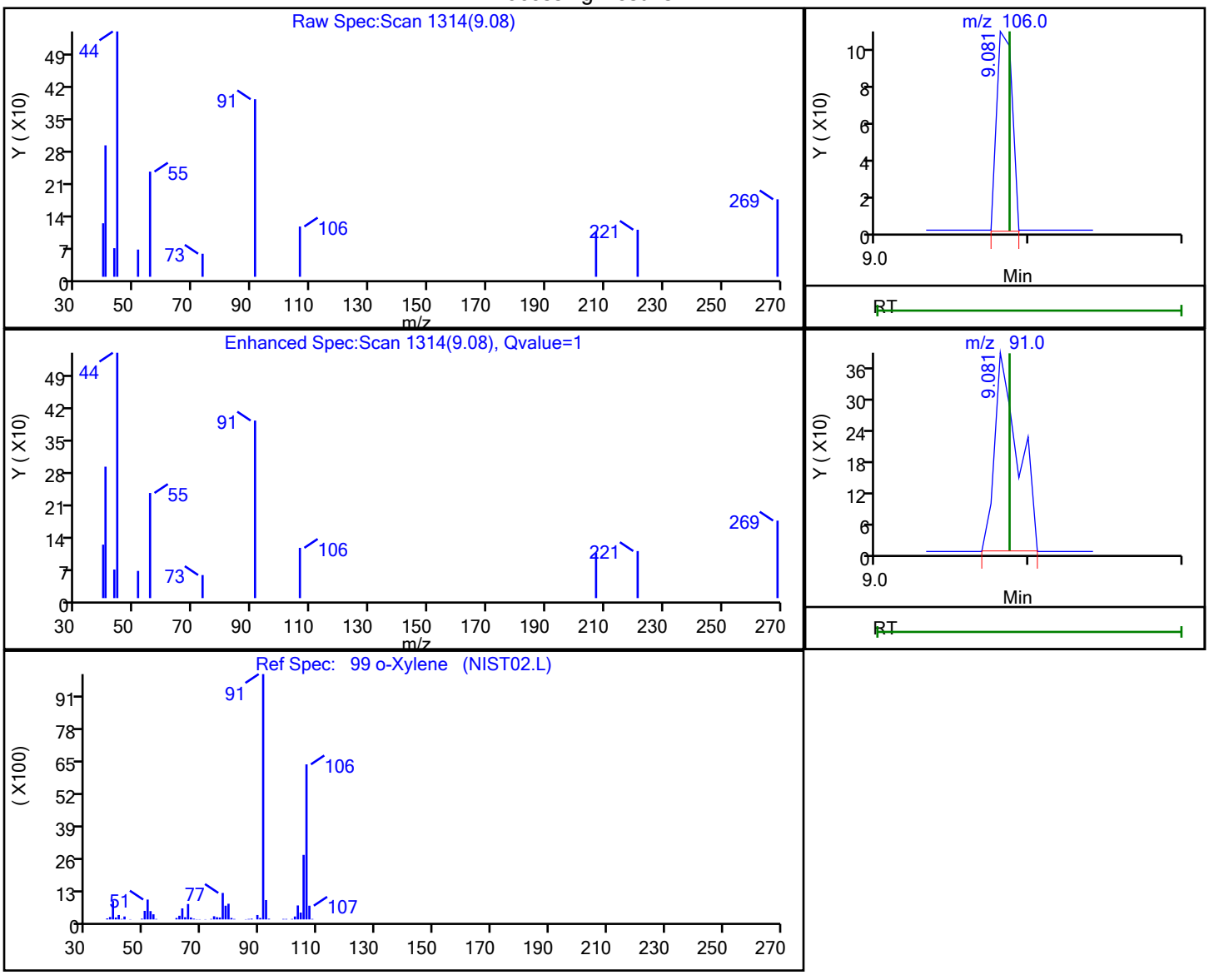
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.08	106.00	77	0.011228
9.08	91.00	411	

Reviewer: FK2C, 20-Sep-2024 12:45:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

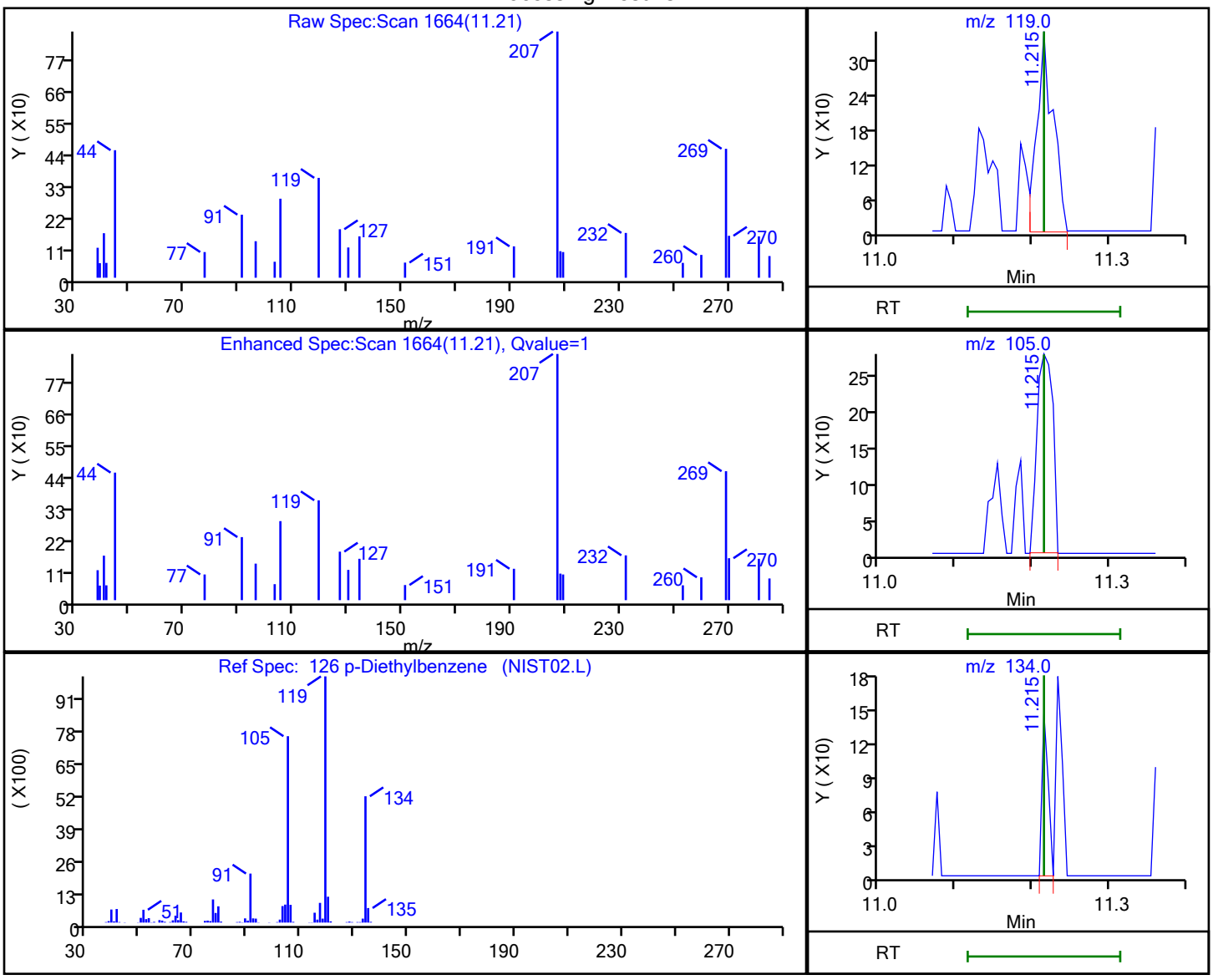
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.21	119.00	514	0.050203
11.21	105.00	398	
11.21	134.00	82	

Reviewer: FK2C, 20-Sep-2024 12:45:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

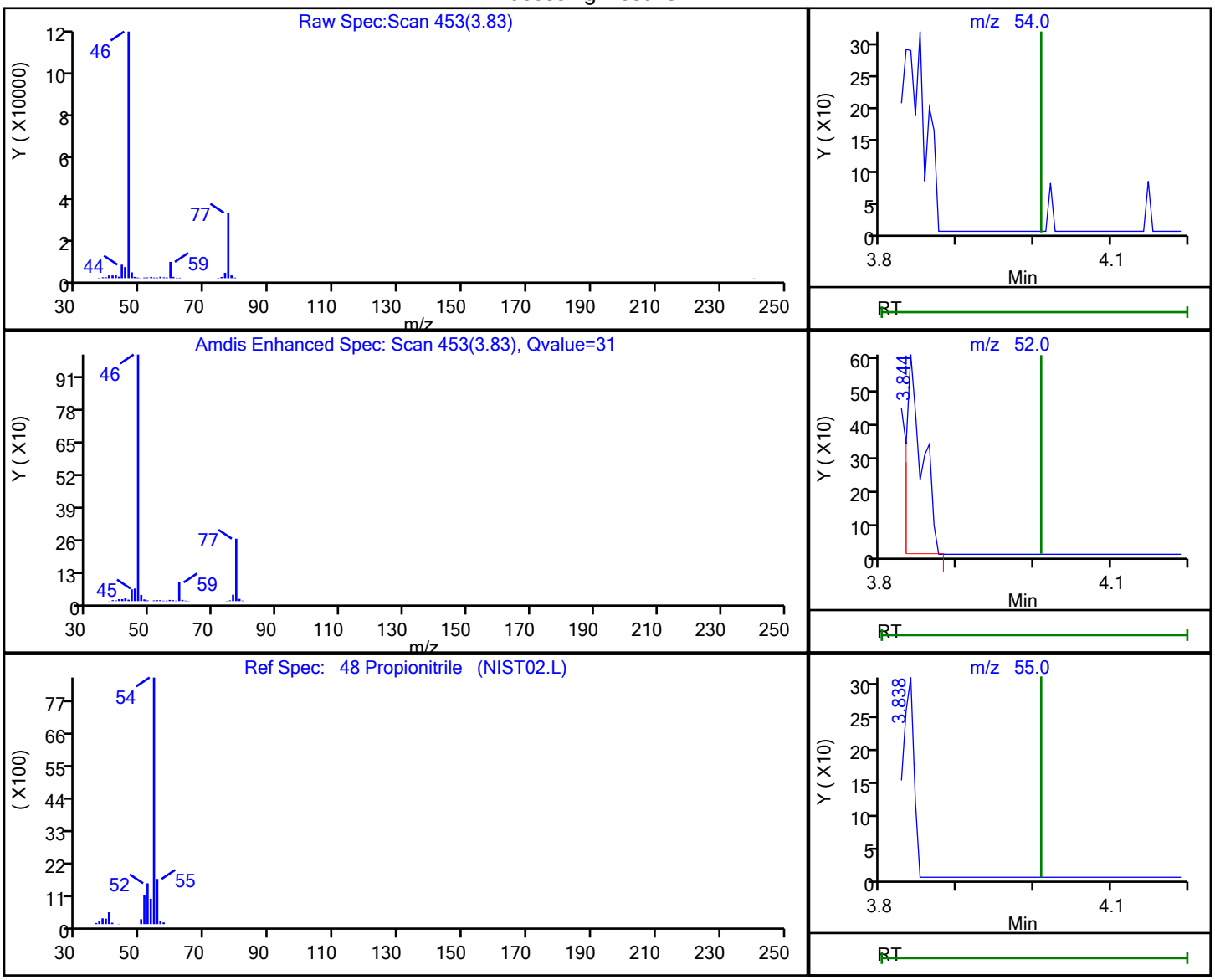
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.83	54.00	639	1.796888
3.84	52.00	847	
3.84	55.00	299	

Reviewer: FK2C, 20-Sep-2024 12:45:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

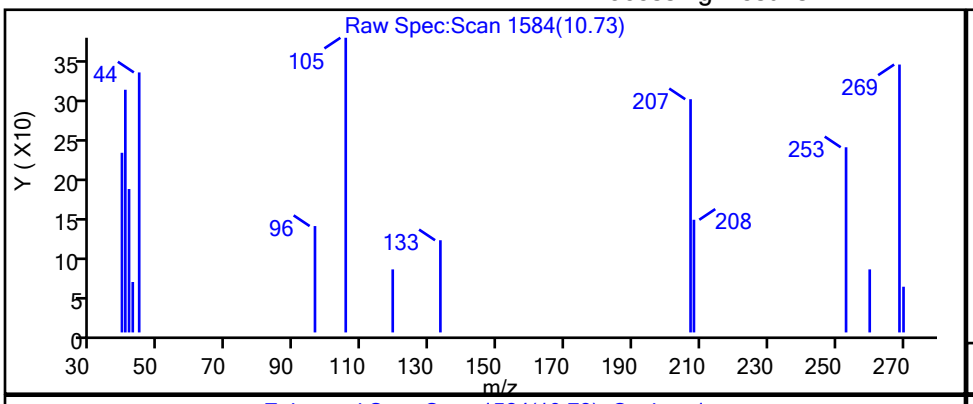
User Disabled Compound Report

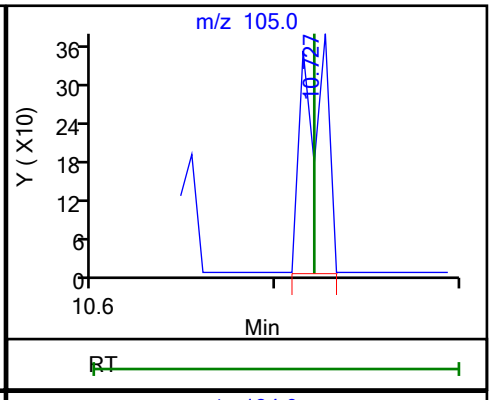
Eurofins Edison

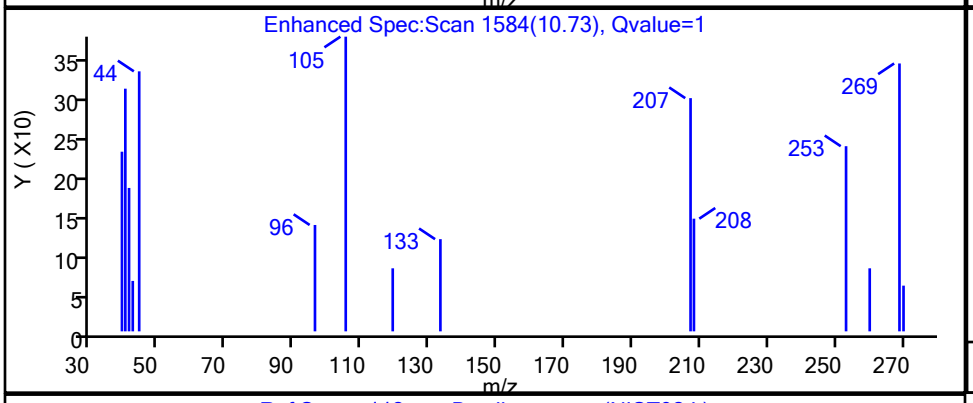
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

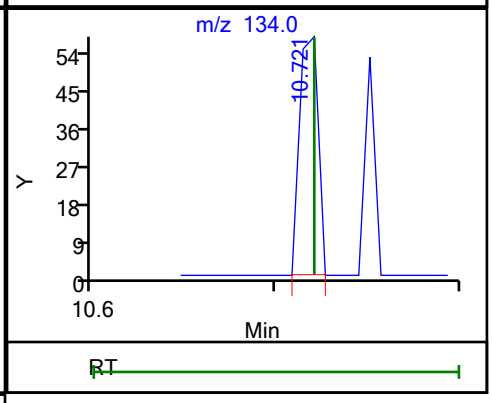
118 sec-Butylbenzene, CAS: 135-98-8

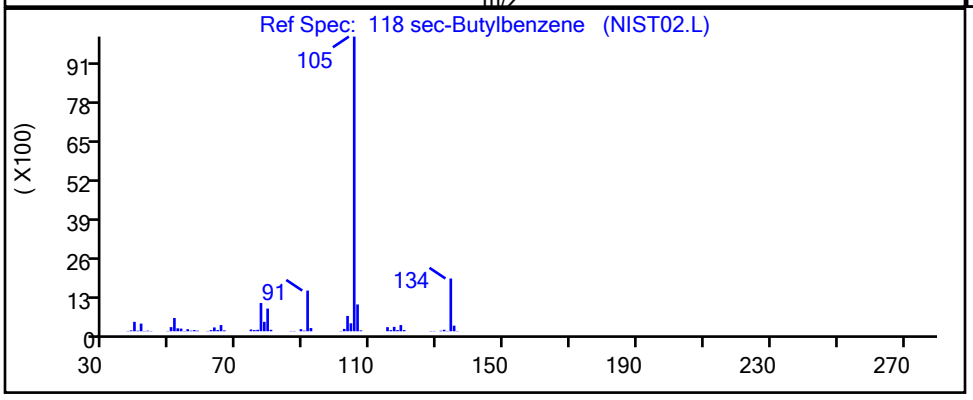
Processing Results











RT	Mass	Response	Amount
10.73	105.00	326	0.017662
10.72	134.00	41	

Reviewer: FK2C, 20-Sep-2024 12:45:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

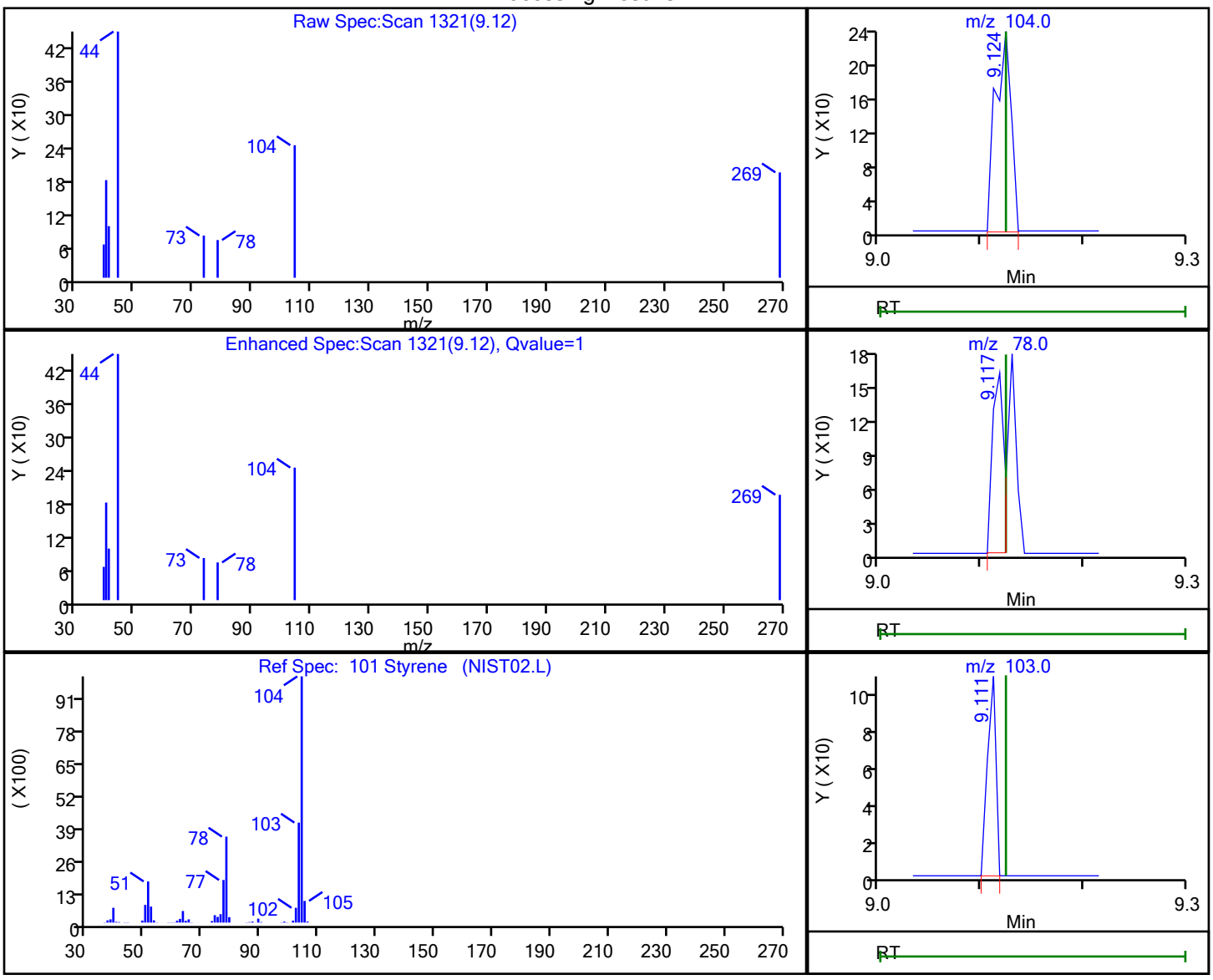
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.12	104.00	255	0.025317
9.12	78.00	131	
9.11	103.00	63	

Reviewer: FK2C, 20-Sep-2024 12:45:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

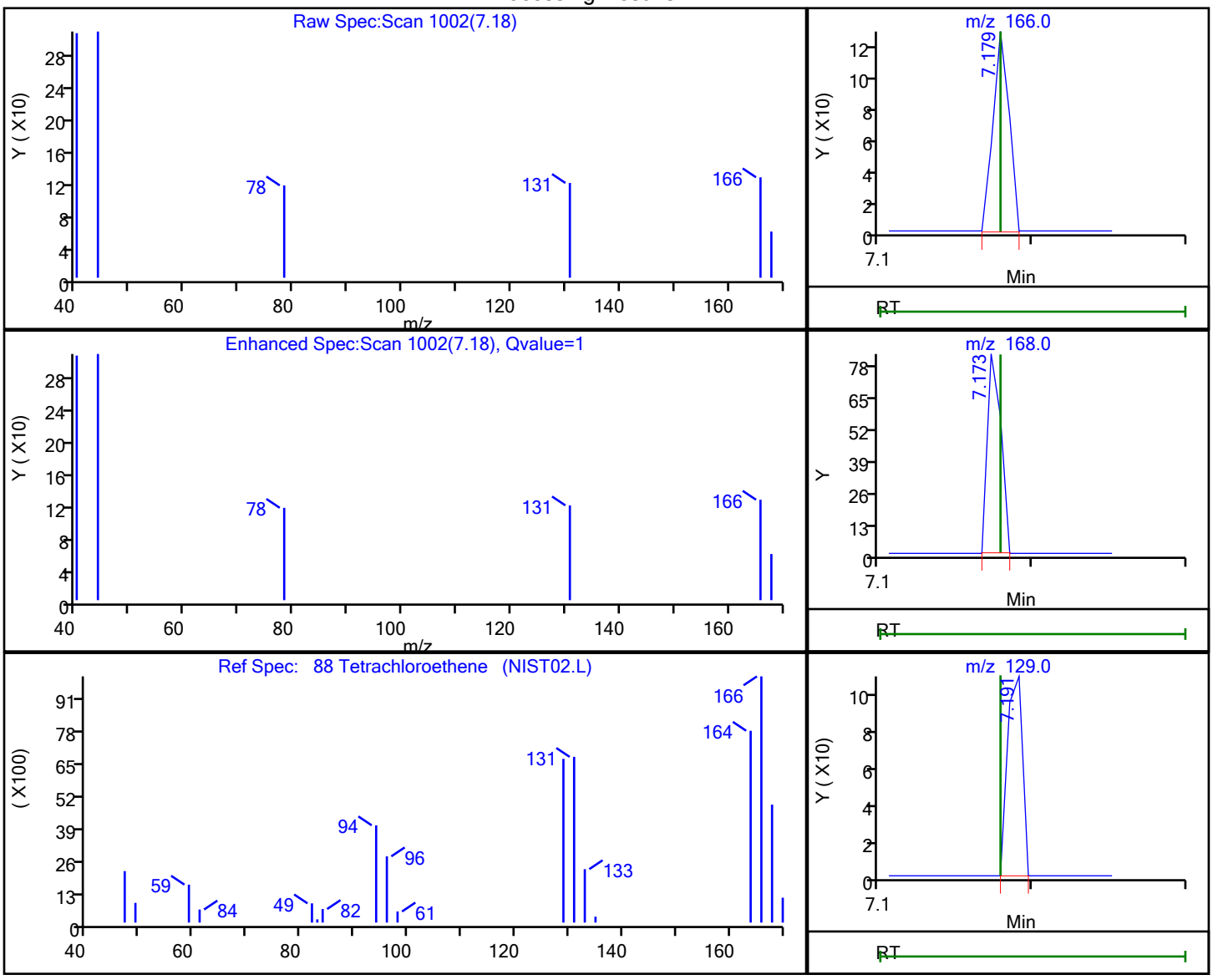
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D
Injection Date: 20-Sep-2024 11:04:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
7.18	166.00	91	0.022003
7.17	168.00	51	
7.19	129.00	73	

Reviewer: FK2C, 20-Sep-2024 12:45:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

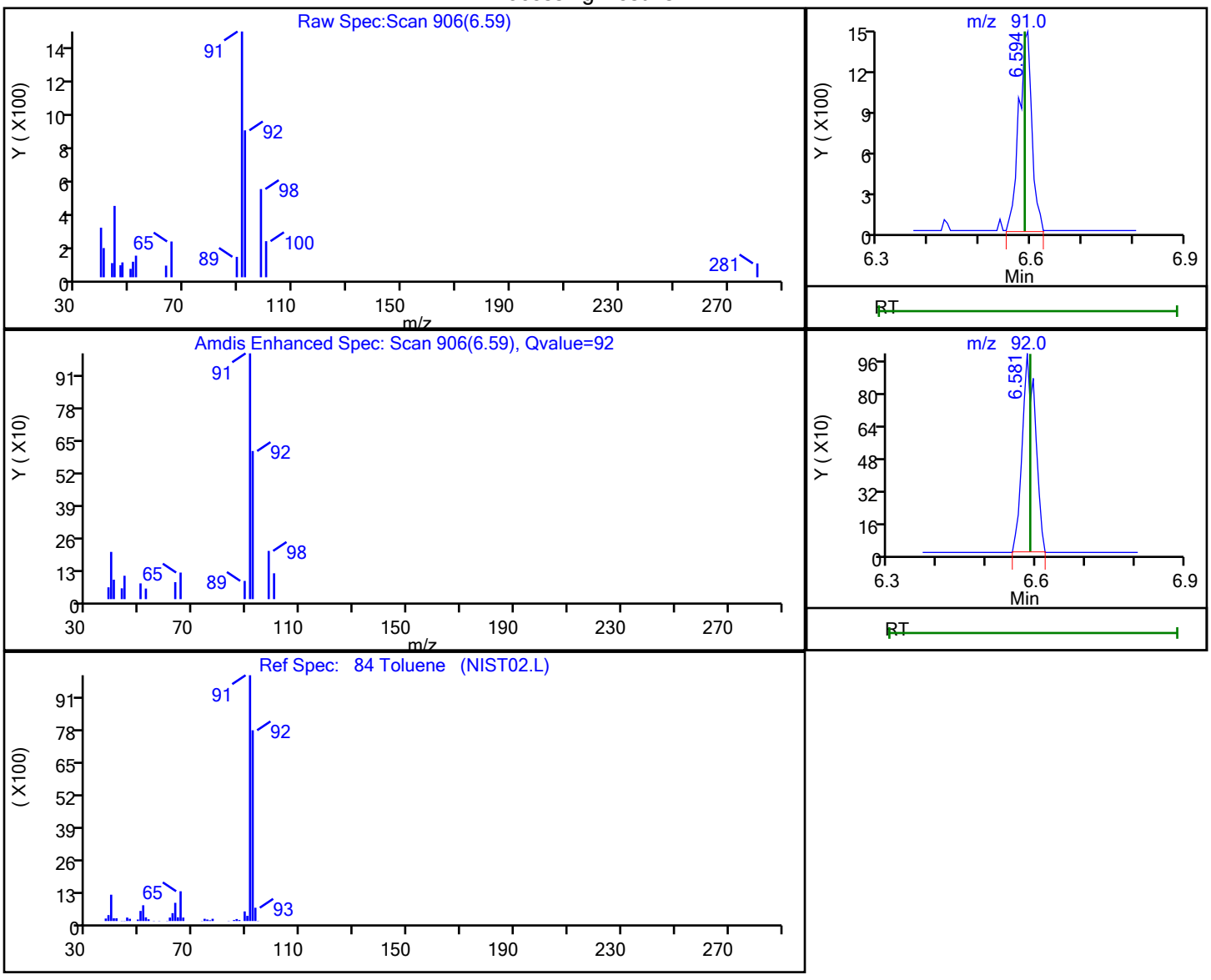
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D		
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.59	91.00	2566	0.138473
6.58	92.00	1844	

Reviewer: FK2C, 20-Sep-2024 12:45:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

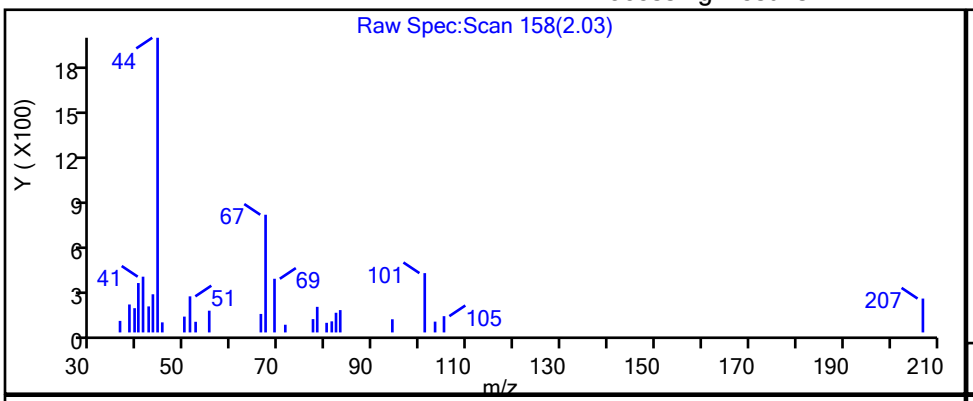
User Disabled Compound Report

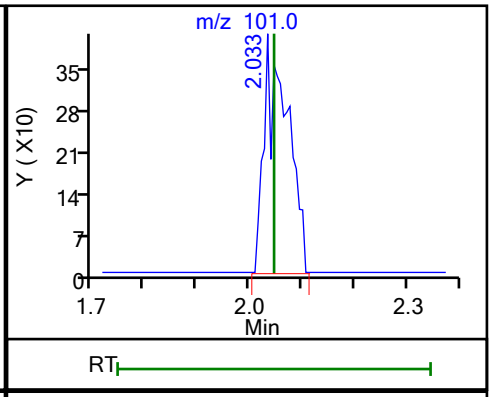
Eurofins Edison

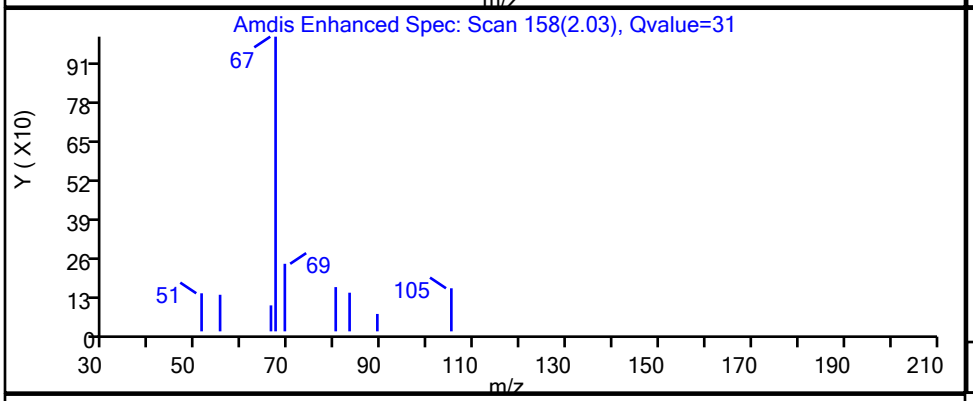
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D				
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

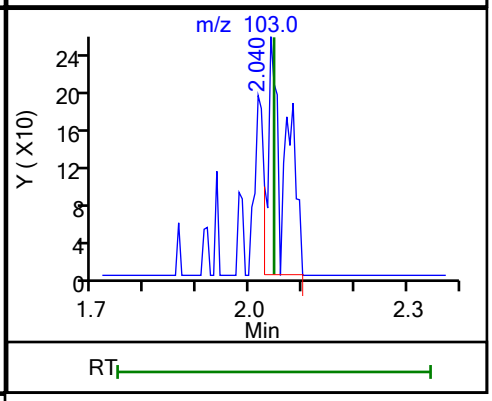
12 Trichlorofluoromethane, CAS: 75-69-4

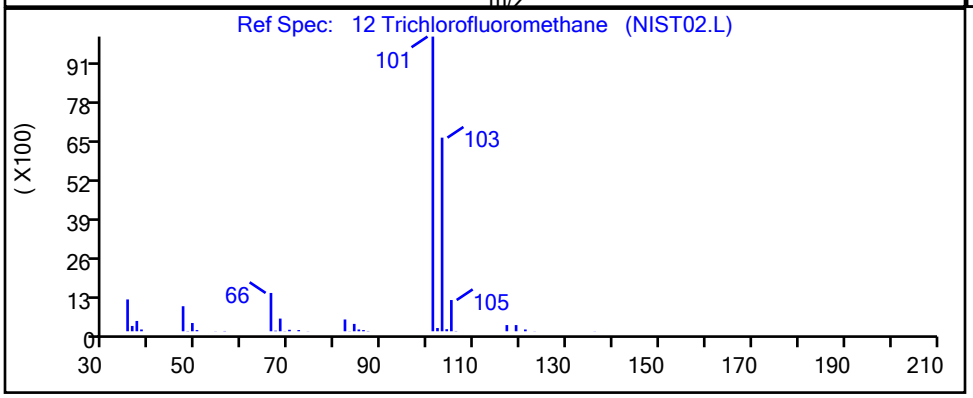
Processing Results











RT	Mass	Response	Amount
2.03	101.00	1264	0.253739
2.04	103.00	593	

Reviewer: FK2C, 20-Sep-2024 12:44:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

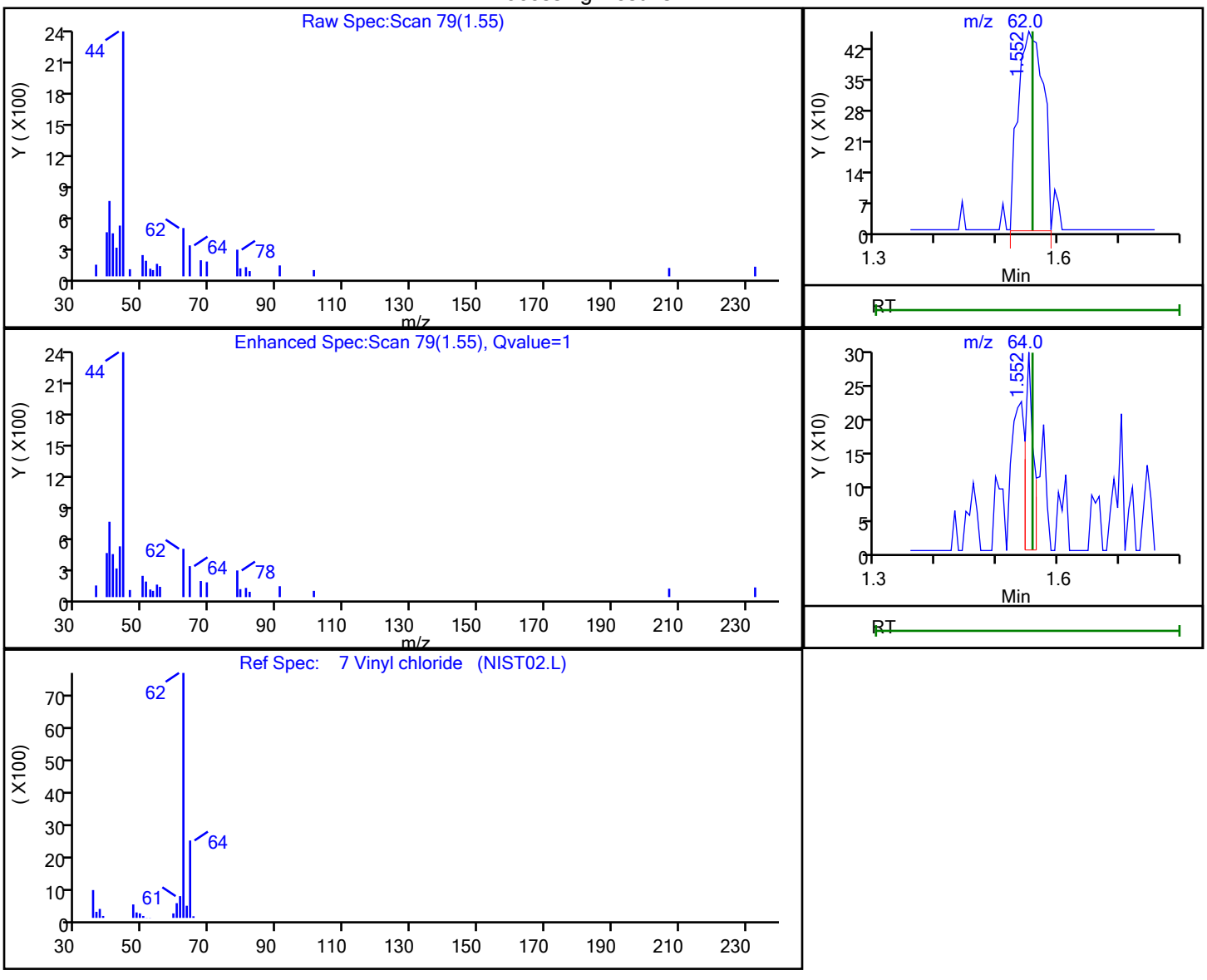
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85351.D		
Injection Date:	20-Sep-2024 11:04:30	Instrument ID:	CVOAMS17
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.55	62.00	1316	0.279467
1.55	64.00	262	

Reviewer: FK2C, 20-Sep-2024 12:44:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Sep-2024 11:23:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0181138-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:28 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 13:05:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.119	1.210	-0.091	29	585	0.5000	5.77	
3 Chlorotrifluoroethene	116	1.308	1.290	0.018	1	454	0.5000	0.3984	a
2 1,1-Difluoroethane	65	1.302	1.308	-0.006	54	1142	0.5000	0.5659	
4 Dichlorodifluoromethane	85	1.314	1.320	-0.006	6	1892	0.5000	0.4756	a
5 Chlorodifluoromethane	67	1.339	1.345	-0.007	39	399	0.5000	0.5700	a
6 Chloromethane	50	1.491	1.497	-0.006	55	3077	0.5000	0.6342	
7 Vinyl chloride	62	1.558	1.558	0.000	50	2571	0.5000	0.5520	M
8 Butadiene	54	1.576	1.576	0.000	49	2722	0.5000	0.5437	
9 Bromomethane	94	1.820	1.820	0.000	32	1930	0.5000	0.5790	
10 Chloroethane	64	1.881	1.881	0.000	29	932	0.5000	0.3568	M
11 Dichlorofluoromethane	67	2.040	2.040	0.000	90	4693	0.5000	0.5808	M
12 Trichlorofluoromethane	101	2.052	2.046	0.006	48	2856	0.5000	0.5587	a
13 Pentane	72	2.064	2.064	0.000	94	518	1.00	0.7795	M
14 Ethanol	46	2.247	2.204	0.043	65	130	20.0	20.3	a
15 Ethyl ether	74	2.235	2.235	0.000	97	2794	0.5000	0.5112	
25 Isopropyl alcohol	45	2.235	2.235	0.000	66	2597	5.00	1.81	M
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	87	1838	0.5000	0.5280	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.296	0.006	74	1909	0.5000	0.5456	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	35	2812	0.5000	0.5178	
19 Acrolein	56	2.387	2.393	-0.006	26	1355	2.00	2.62	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.418	0.000	44	2043	0.5000	0.5630	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	93	2110	0.5000	0.5533	
22 Acetone	43	2.503	2.503	0.000	71	2296	2.50	3.37	M
23 Iodomethane	142	2.564	2.570	-0.006	98	3660	0.5000	0.5436	
24 Carbon disulfide	76	2.600	2.600	0.000	99	7917	0.5000	0.5602	
26 3-Chloro-1-propene	76	2.710	2.722	-0.012	96	1600	0.5000	0.5867	a
27 Methyl acetate	43	2.722	2.722	0.000	80	2785	1.00	1.38	
28 Cyclopentene	67	2.728	2.735	-0.007	63	5042	0.5000	0.5745	a
29 Acetonitrile	41	2.783	2.777	0.006	33	1957	5.00	5.84	a
* 31 TBA-d9 (IS)	66	2.844	2.832	0.012	0	33027	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	31	3000	0.5000	0.6468	
32 2-Methyl-2-propanol	59	2.911	2.905	0.006	1	1190	5.00	4.80	Ma
33 Methyl tert-butyl ether	73	2.972	2.984	-0.012	87	5812	0.5000	0.5828	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	93	2696	0.5000	0.6175	
35 Acrylonitrile	53	3.070	3.076	-0.006	94	5731	5.00	5.53	
36 Hexane	57	3.155	3.155	0.000	92	3608	0.5000	0.6206	
37 Isopropyl ether	45	3.350	3.356	-0.006	87	7057	0.5000	0.5370	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	94	4247	0.5000	0.5653	
39 Vinyl acetate	86	3.399	3.393	0.006	99	598	1.00	1.04	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	85	2099	0.5000	0.5747	
41 Tert-butyl ethyl ether	59	3.649	3.655	-0.006	88	6233	0.5000	0.5275	
* 42 2-Butanone-d5	46	3.826	3.832	-0.006	0	226681	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.856	0.000	46	810	0.5000	0.5788	Ma
44 cis-1,2-Dichloroethene	96	3.869	3.875	-0.007	89	2638	0.5000	0.5773	
45 2-Butanone (MEK)	72	3.881	3.887	-0.006	93	644	2.50	2.42	
46 Ethyl acetate	70	3.887	3.887	0.000	91	280	1.00	1.01	
47 Methyl acrylate	55	3.929	3.936	-0.007	30	1218	0.5000	0.5223	
48 Propionitrile	54	4.015	4.009	0.006	92	1761	5.00	5.03	
50 Tetrahydrofuran	72	4.076	4.088	-0.012	48	294	1.00	0.9816	a
49 Chlorobromomethane	128	4.088	4.088	0.000	82	1241	0.5000	0.6041	M
51 Methacrylonitrile	67	4.106	4.106	0.000	90	6457	5.00	5.67	
52 Chloroform	83	4.137	4.143	-0.006	97	3832	0.5000	0.5712	M
53 Cyclohexane	84	4.259	4.265	-0.006	70	3526	0.5000	0.5712	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	35	3074	0.5000	0.5565	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	170680	50.0	49.5	
56 Carbon tetrachloride	117	4.387	4.393	-0.006	91	2302	0.5000	0.5101	M
57 1,1-Dichloropropene	75	4.417	4.417	0.000	95	2984	0.5000	0.5469	
58 Isobutyl alcohol	43	4.563	4.545	0.018	34	2072	12.5	19.1	Ma
59 Isooctane	57	4.588	4.582	0.006	97	8114	0.5000	0.5689	
60 Benzene	78	4.606	4.606	0.000	92	9578	0.5000	0.6005	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	170330	50.0	48.4	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	78	4870	0.5000	0.4551	
63 Isopropyl acetate	61	4.679	4.679	0.000	83	822	0.5000	0.5069	
64 1,2-Dichloroethane	62	4.685	4.698	-0.013	83	2632	0.5000	0.6028	M
65 n-Heptane	100	4.759	4.771	-0.012	87	487	0.5000	0.4991	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	736273	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	45	816	12.5	13.6	
68 Trichloroethene	95	5.222	5.228	-0.006	93	2416	0.5000	0.5993	
70 Ethyl acrylate	99	5.350	5.350	0.000	41	203	0.5000	0.4132	
69 Methylcyclohexane	83	5.350	5.356	-0.006	85	3572	0.5000	0.5137	
71 1,2-Dichloropropane	63	5.502	5.508	-0.006	75	2104	0.5000	0.5068	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	22588	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.594	-0.006	92	884	1.00	1.22	
75 1,4-Dioxane	88	5.606	5.618	-0.012	25	497	25.0	18.5	
74 Dibromomethane	93	5.630	5.630	0.000	74	1131	0.5000	0.5621	
76 n-Propyl acetate	43	5.649	5.649	0.000	78	2032	0.5000	0.5382	
77 Dichlorobromomethane	83	5.783	5.783	0.000	95	2621	0.5000	0.5806	
78 2-Nitropropane	41	6.112	6.106	0.006	76	746	1.00	1.26	
79 2-Chloroethyl vinyl ether	63	6.112	6.118	-0.006	68	895	0.5012	0.4948	a
80 Epichlorohydrin	57	6.216	6.216	0.000	95	2339	10.0	10.8	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	89	3174	0.5000	0.5469	
82 4-Methyl-2-pentanone (MIBK)	58	6.429	6.441	-0.012	78	1624	2.50	1.79	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.508	6.514	-0.006	100	689671	50.0	50.2	
84 Toluene	91	6.587	6.587	0.000	93	11157	0.5000	0.6667	
85 trans-1,3-Dichloropropene	75	6.929	6.935	-0.006	94	1706	0.5000	0.3866	
86 Ethyl methacrylate	69	6.978	6.972	0.006	93	1508	0.5000	0.4127	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	91	1332	0.5000	0.5488	M
88 Tetrachloroethene	166	7.179	7.179	0.000	91	2286	0.5000	0.5752	
89 1,3-Dichloropropane	76	7.350	7.349	0.001	90	2164	0.5000	0.4689	
90 2-Hexanone	43	7.410	7.417	-0.007	92	3607	2.50	2.57	Ma
91 n-Butyl acetate	43	7.545	7.538	0.007	32	2292	0.5000	0.5575	M
92 Chlorodibromomethane	129	7.569	7.575	-0.006	87	1308	0.5000	0.4521	
93 Ethylene Dibromide	107	7.715	7.721	-0.006	92	1221	0.5000	0.4853	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	503804	50.0	50.0	
95 Chlorobenzene	112	8.301	8.301	0.000	93	5652	0.5000	0.5554	
96 Ethylbenzene	106	8.410	8.410	0.000	97	3307	0.5000	0.5731	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.422	-0.006	86	1938	0.5000	0.5595	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	3662	0.5000	0.5309	
99 o-Xylene	106	9.081	9.087	-0.006	93	3345	0.5000	0.4900	
100 n-Butyl acrylate	73	9.087	9.087	0.000	60	1119	0.5000	0.4758	
101 Styrene	104	9.124	9.124	0.000	96	4513	0.5000	0.4393	
102 Bromoform	173	9.361	9.367	-0.006	42	753	0.5000	0.5418	a
103 Amyl acetate (mixed isomers)	43	9.386	9.380	0.006	93	2459	0.5000	0.4797	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	7797	0.5000	0.5174	
$ 105 4-Bromofluorobenzene	174	9.752	9.751	0.001	92	210665	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	93	2372	0.5000	0.5552	
107 1,1,2,2-Tetrachloroethane	83	9.959	9.965	-0.006	93	1937	0.5000	0.5813	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	11235	0.5000	0.5797	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	91	572	0.5000	0.6104	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	1	256	0.5000	0.3735	a
111 2-Chlorotoluene	91	10.099	10.099	0.000	96	7575	0.5000	0.5488	
112 4-Ethyltoluene	105	10.117	10.123	-0.006	97	8923	0.5000	0.5463	
113 1,3,5-Trimethylbenzene	105	10.197	10.197	0.001	90	7069	0.5000	0.5286	
114 4-Chlorotoluene	91	10.227	10.227	0.000	95	7053	0.5000	0.5225	
115 Butyl Methacrylate	87	10.318	10.318	0.000	95	1487	0.5000	0.2615	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	5496	0.5000	0.4825	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	97	7296	0.5000	0.5187	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	9416	0.5000	0.5425	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	95	4393	0.5000	0.5319	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	7056	0.5000	0.4739	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	274119	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	90	5267	0.5000	0.6188	a
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	7709	0.5000	0.5166	
124 Benzyl chloride	91	11.087	11.087	0.000	97	3170	0.5000	0.5516	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	95	8142	0.5000	0.5742	
126 p-Diethylbenzene	119	11.221	11.215	0.006	92	5282	0.5000	0.5378	
127 n-Butylbenzene	92	11.239	11.239	0.000	96	4813	0.5000	0.5641	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	92	4005	0.5000	0.5050	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	96	7306	0.5000	0.5239	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.964	0.007	1	101	0.5000	0.5168	
131 1,3,5-Trichlorobenzene	180	12.080	12.086	-0.006	94	3587	0.5000	0.5016	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	90	3993	0.5000	0.6016	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	93	1912	0.5000	0.5273	
134 Naphthalene	128	12.769	12.769	0.000	99	5776	0.5000	0.5367	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	94	3411	0.5000	0.5813	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.19	
S 137 Xylenes, Total	100				0		1.00	1.02	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9335	
S 140 Total BTEX	1				0		2.50	2.86	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00024	Amount Added:	5.00	Units: uL	
ACROLEIN W_00173	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	5.00	Units: uL	
14DIOXINTER_00173	Amount Added:	15.00	Units: uL	
GASES Li_00604	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:29 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D

Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17

Lims ID: STD05

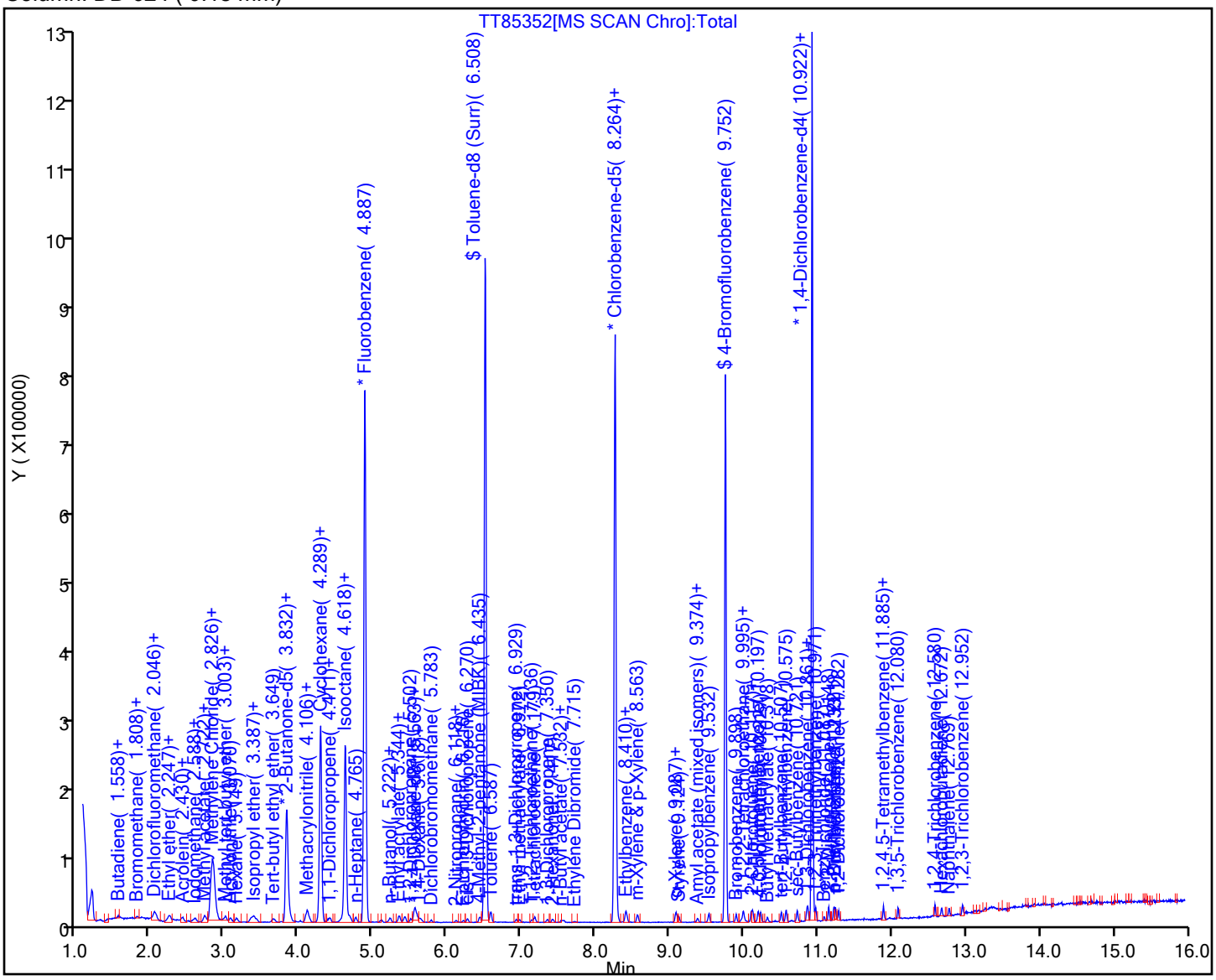
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

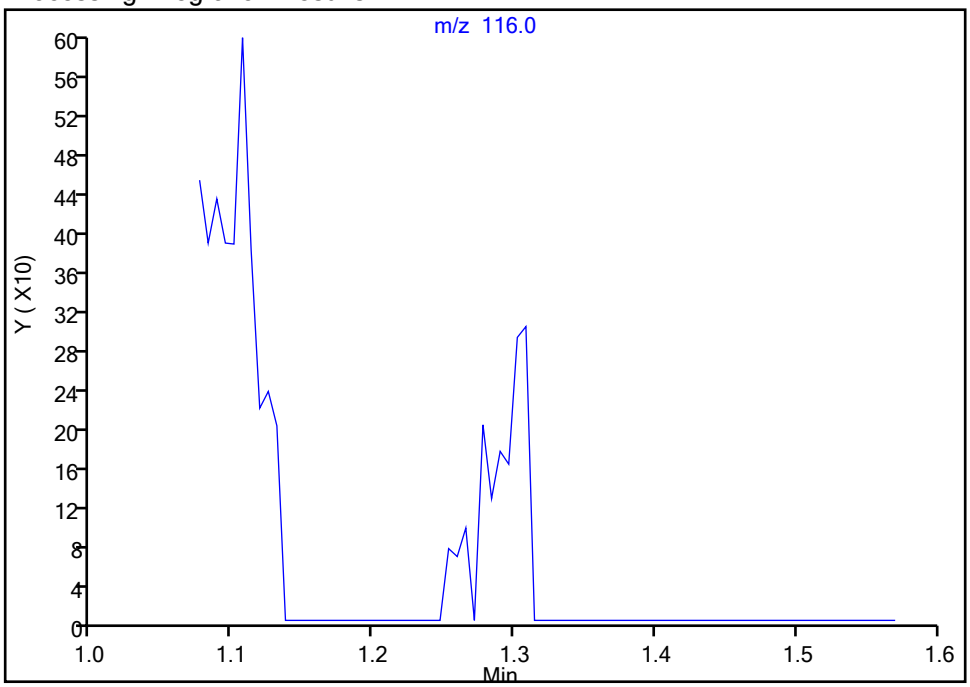
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

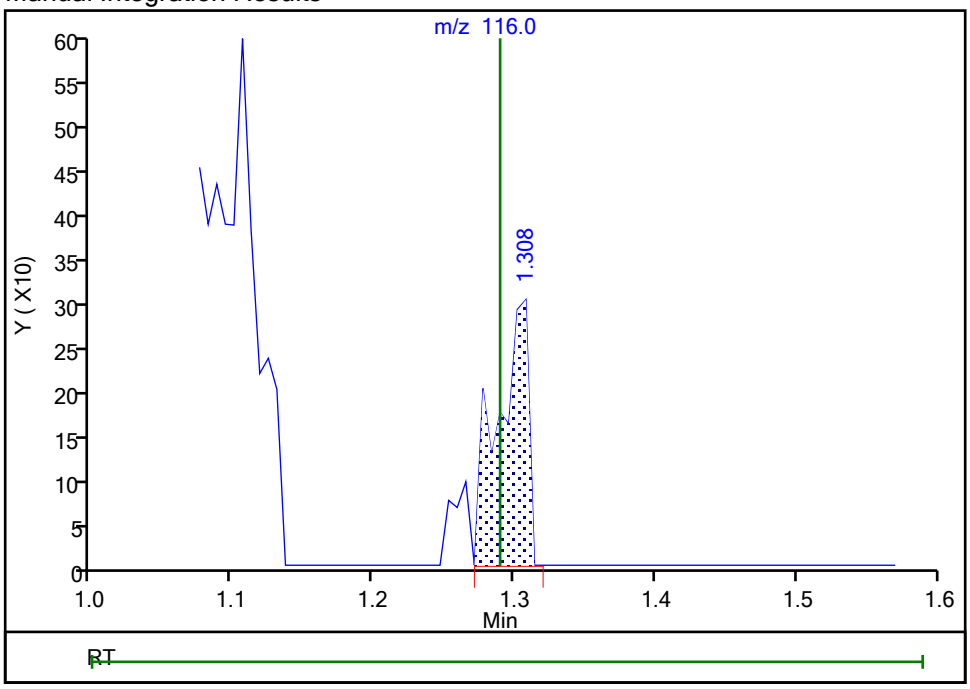
Not Detected
Expected RT: 1.29

Processing Integration Results



Manual Integration Results

RT: 1.31
Area: 454
Amount: 0.398393
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:55:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

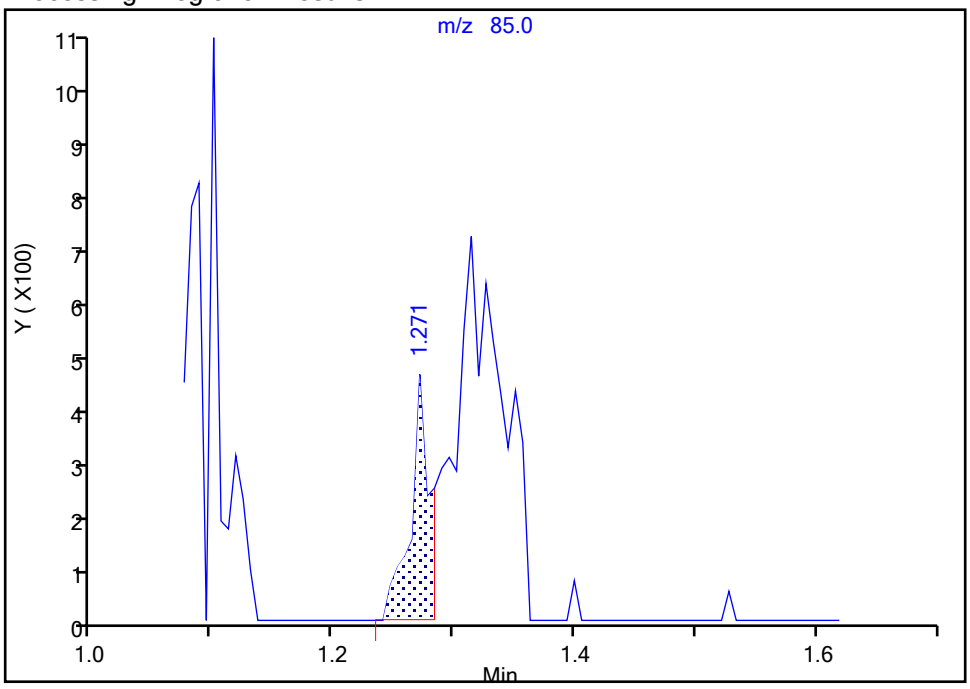
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

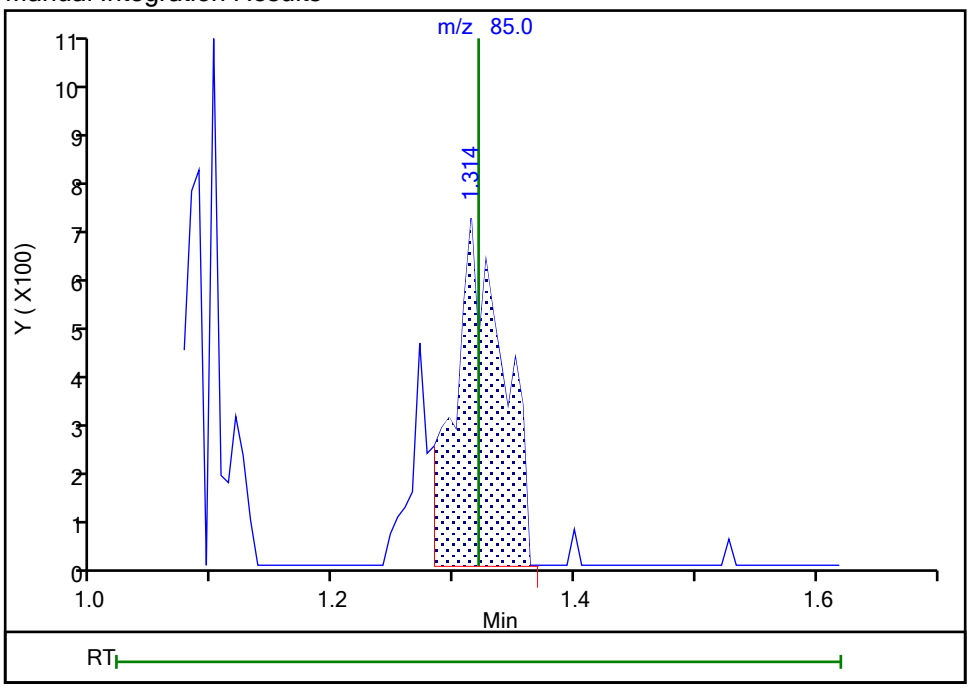
Processing Integration Results

RT: 1.27
Area: 474
Amount: 0.136121
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 1892
Amount: 0.475600
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:55:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

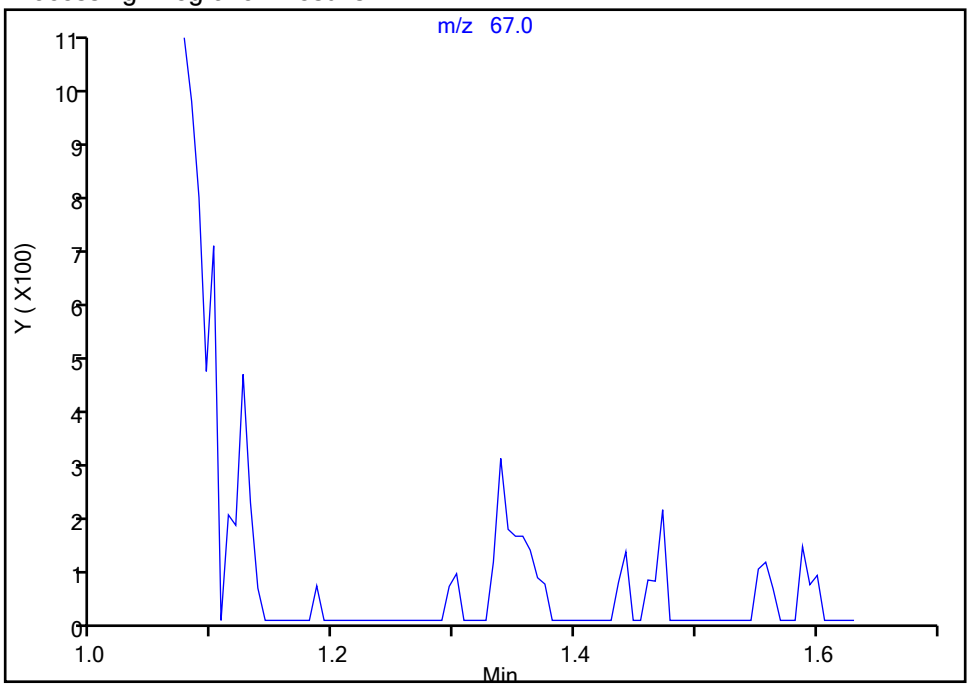
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

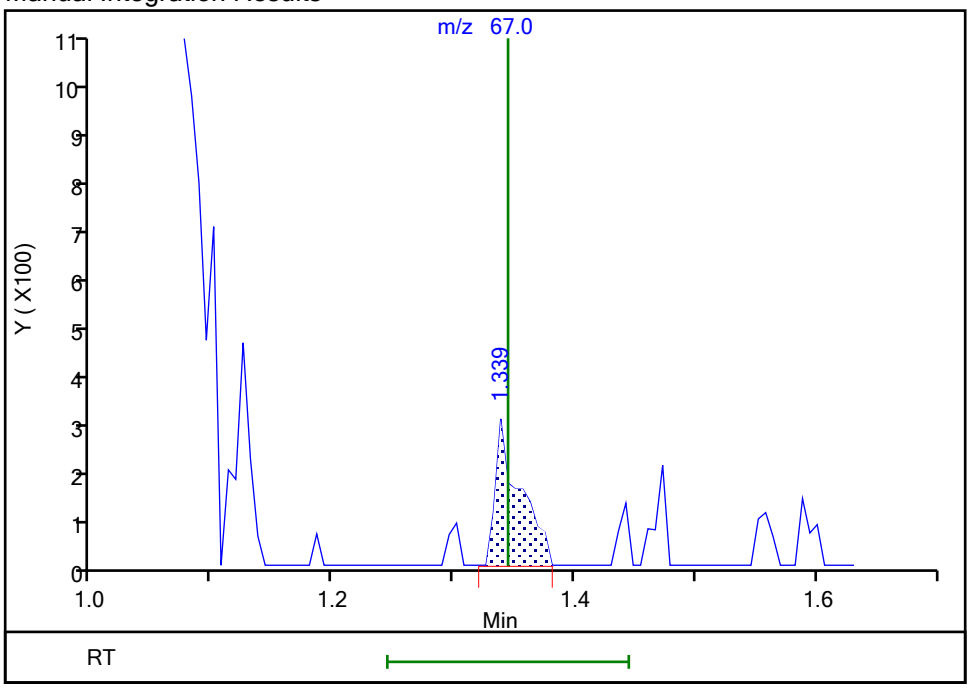
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 399
Amount: 0.570036
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:55:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

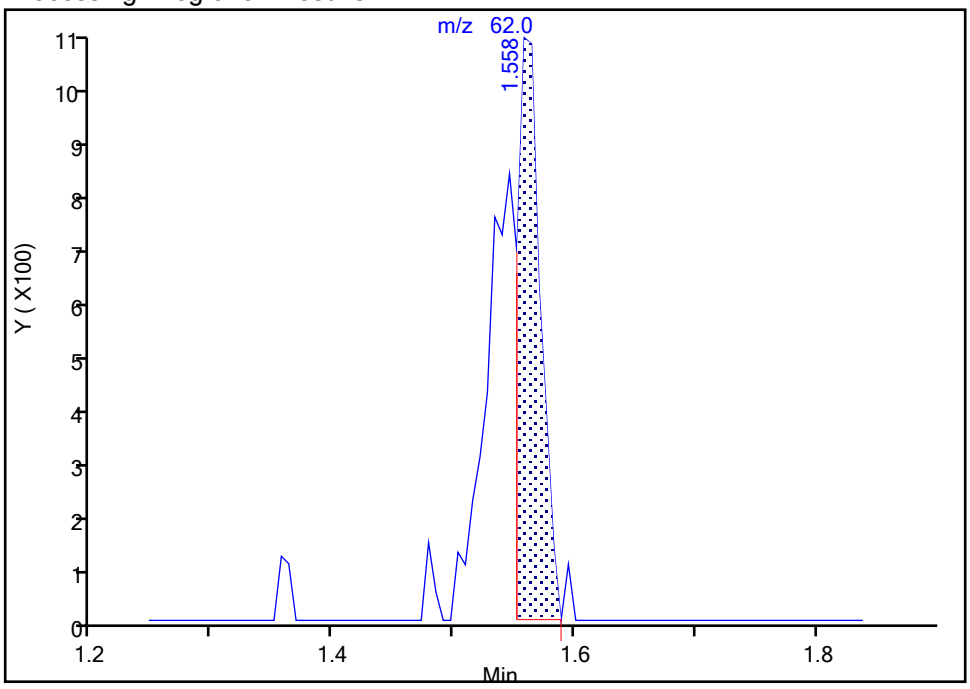
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

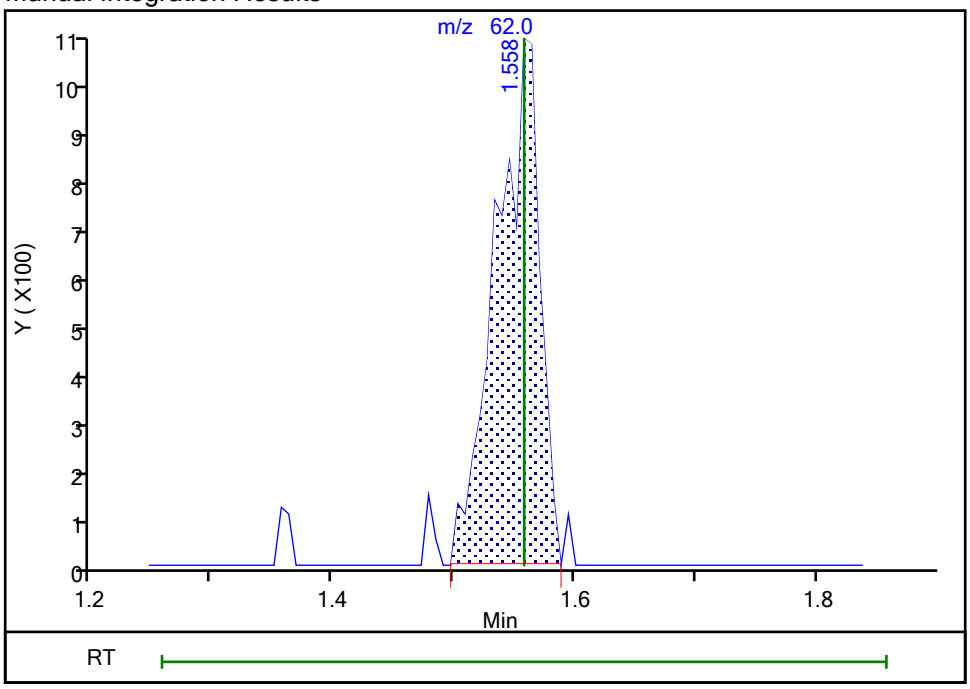
Processing Integration Results

RT: 1.56
Area: 1385
Amount: 0.307028
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 2571
Amount: 0.551963
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:55:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

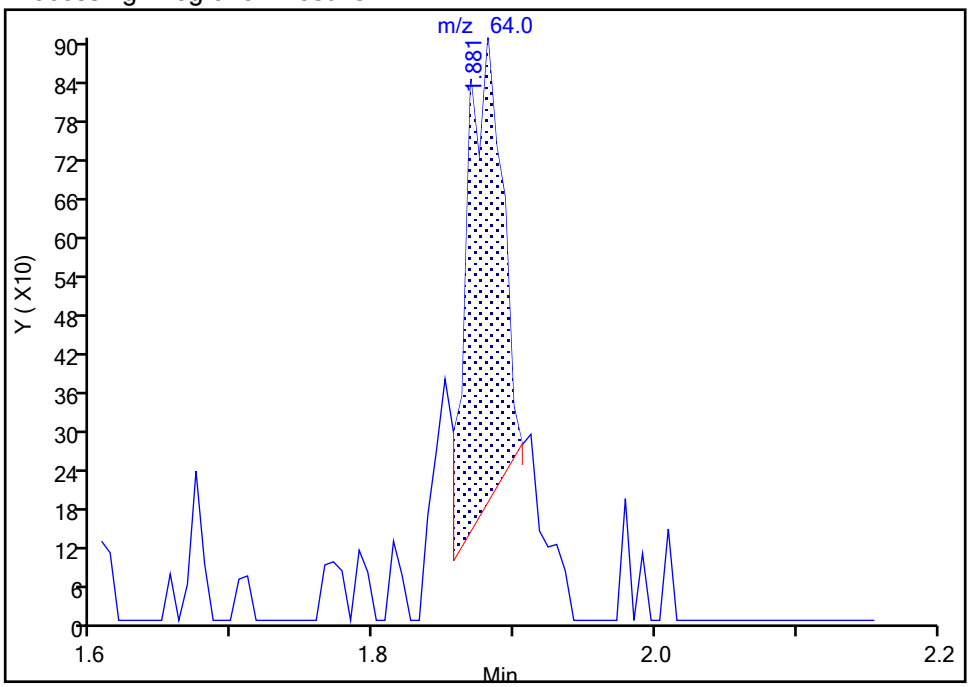
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

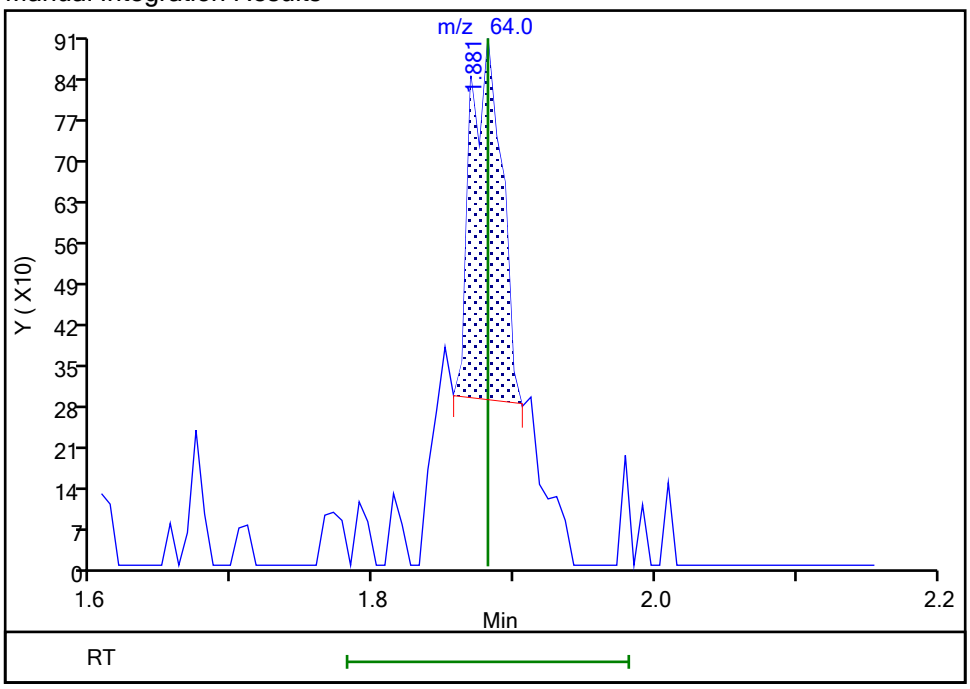
Processing Integration Results

RT: 1.88
Area: 1268
Amount: 0.450450
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 932
Amount: 0.356785
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:39:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

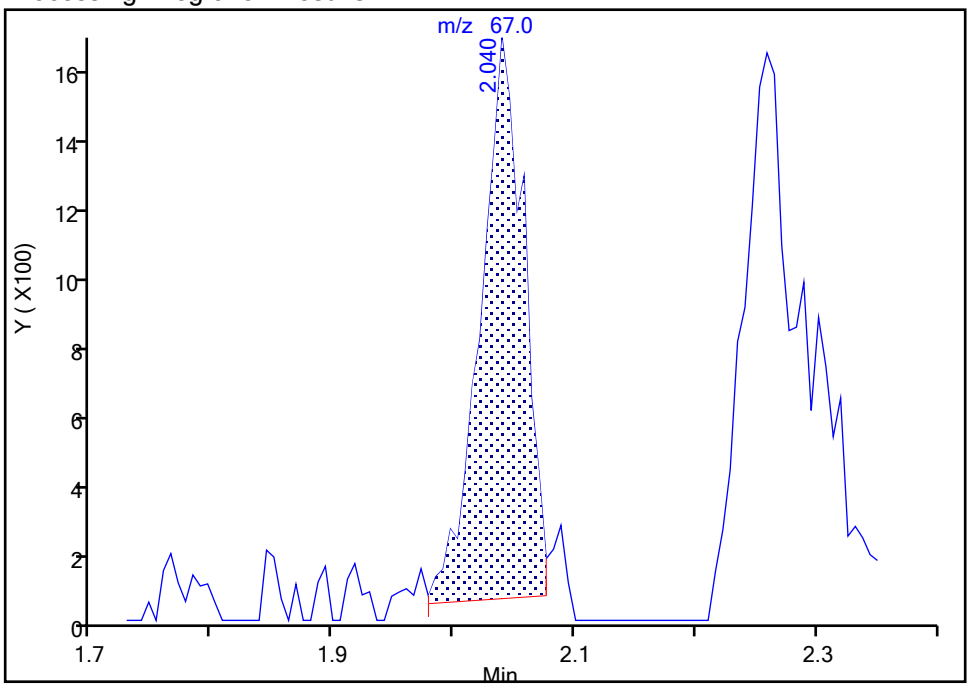
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

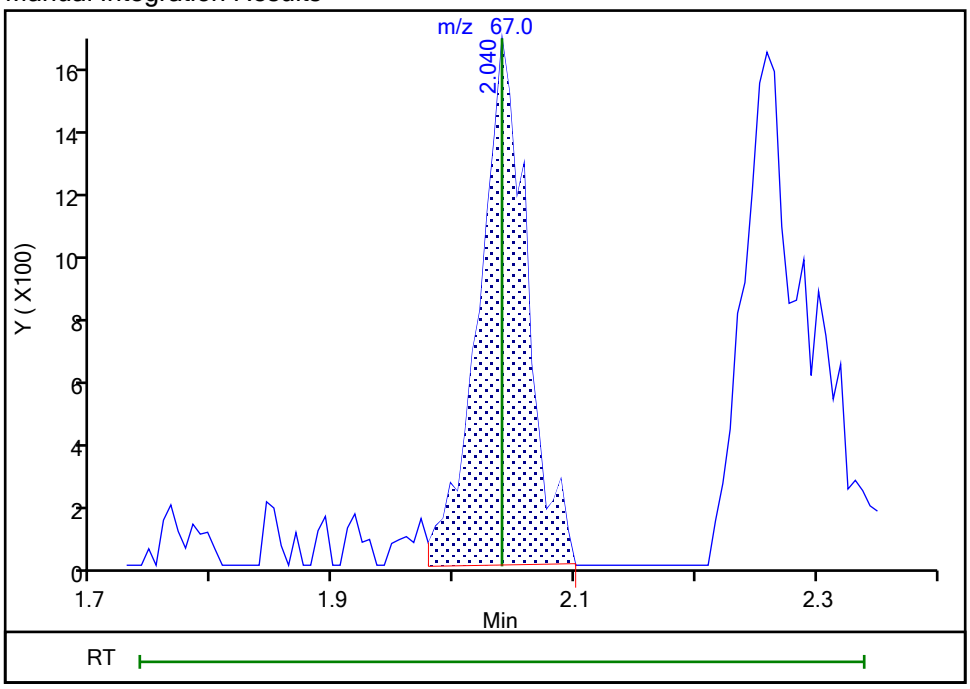
Processing Integration Results

RT: 2.04
Area: 4113
Amount: 0.507778
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 4693
Amount: 0.580846
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:56:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

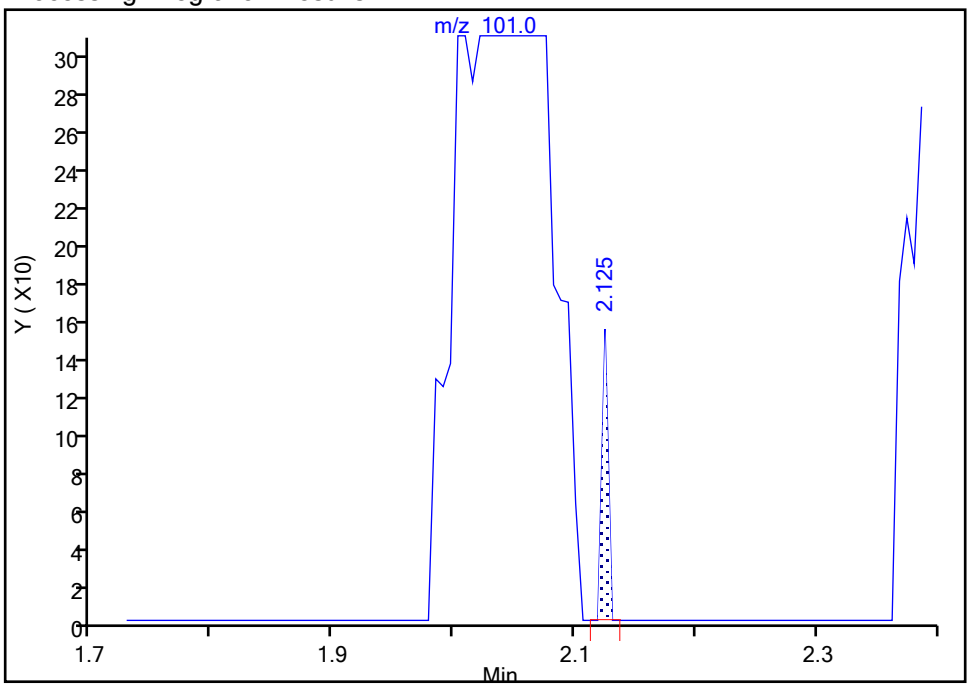
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

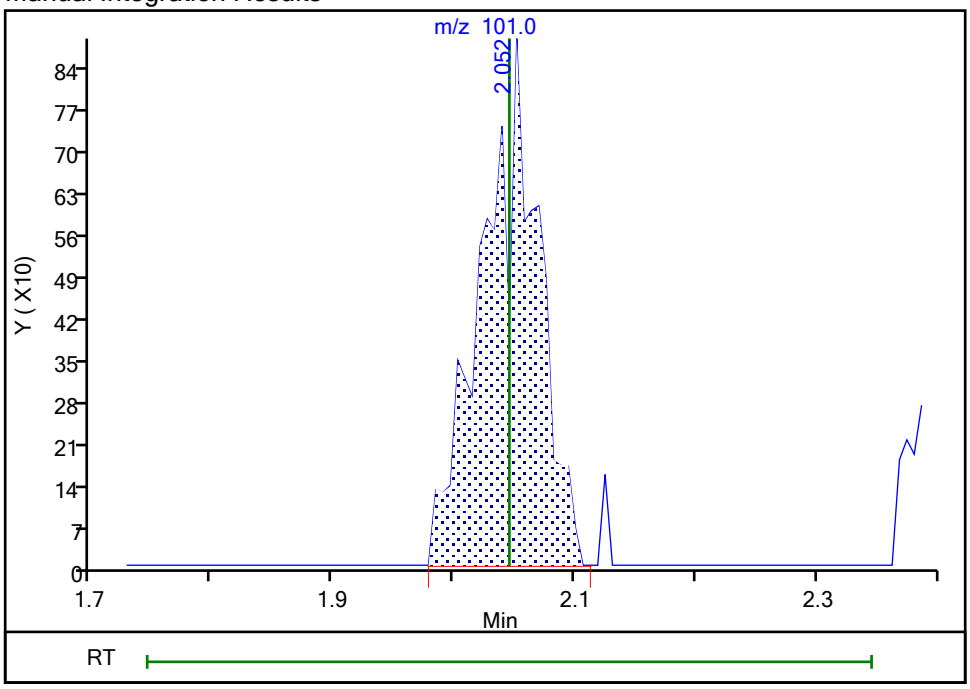
Processing Integration Results

RT: 2.12
Area: 56
Amount: 0.011752
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 2856
Amount: 0.558736
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:56:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

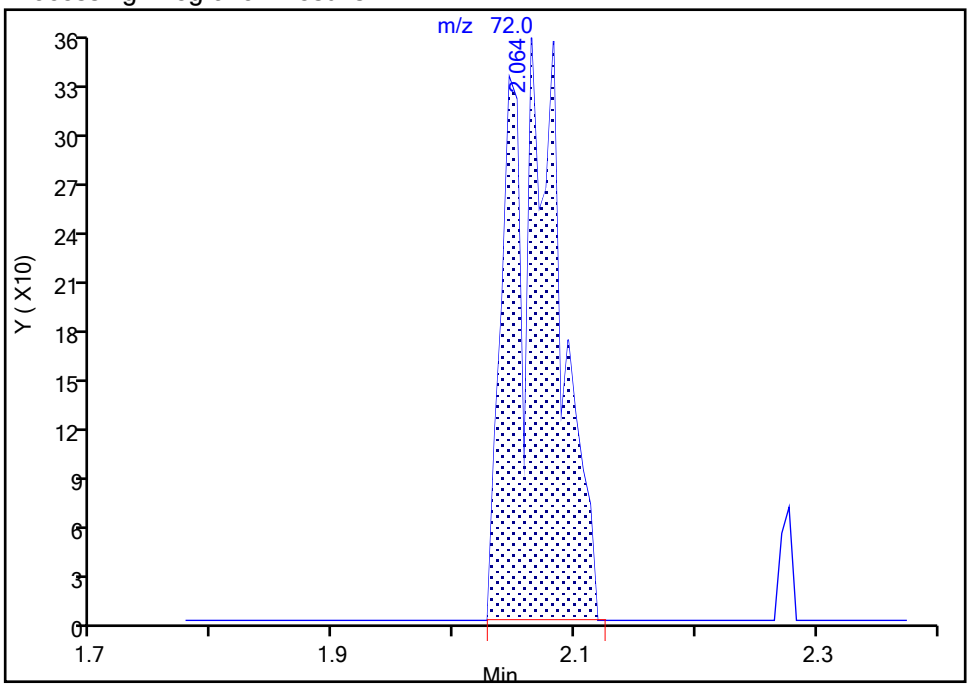
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

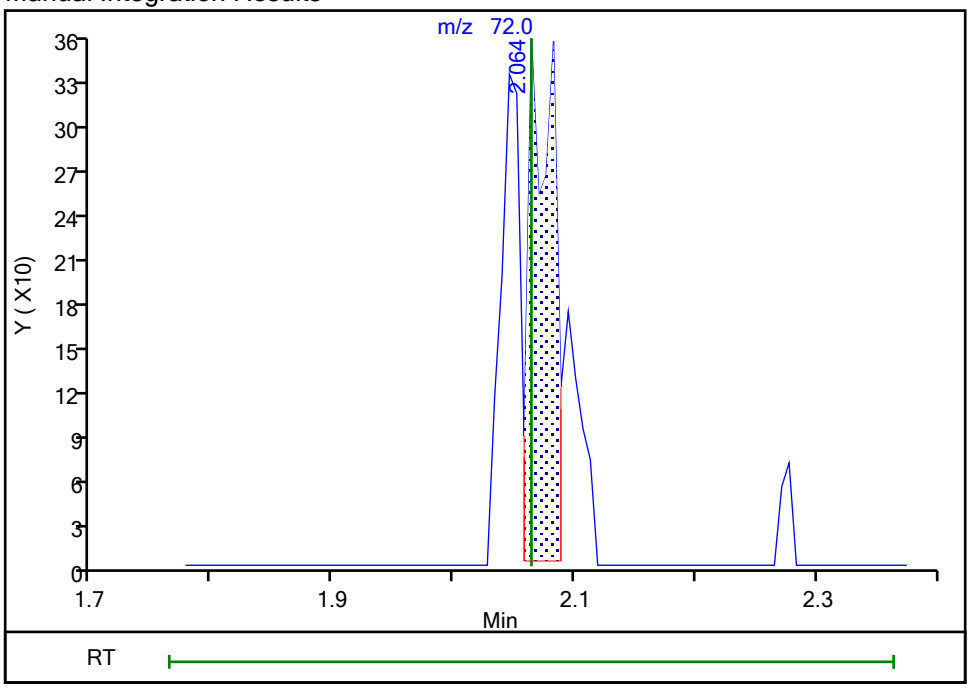
Processing Integration Results

RT: 2.06
Area: 1041
Amount: 1.439674
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 518
Amount: 0.779488
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:43:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

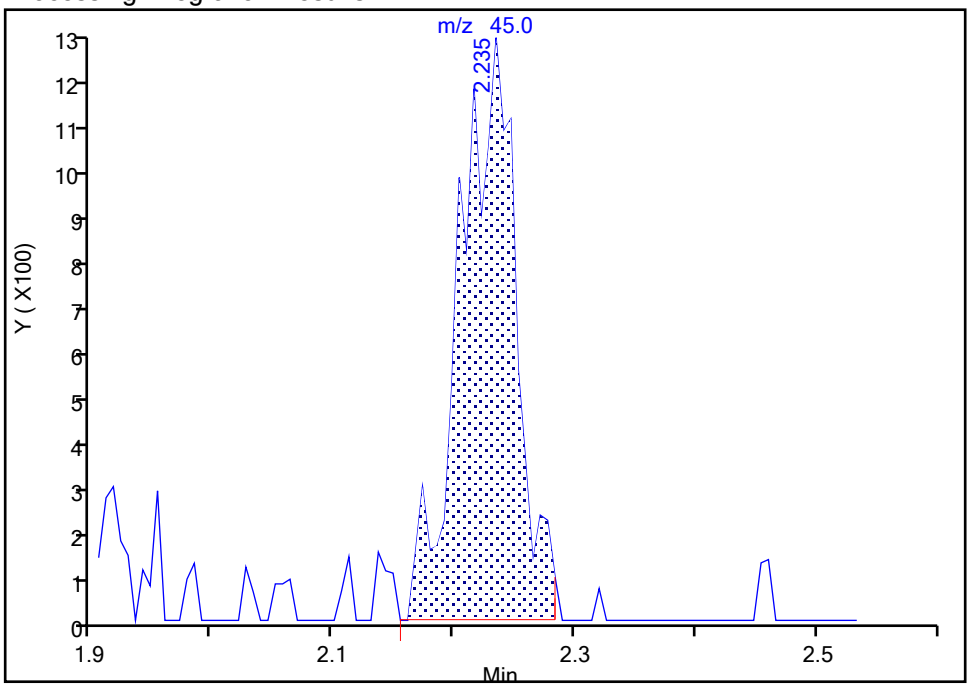
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

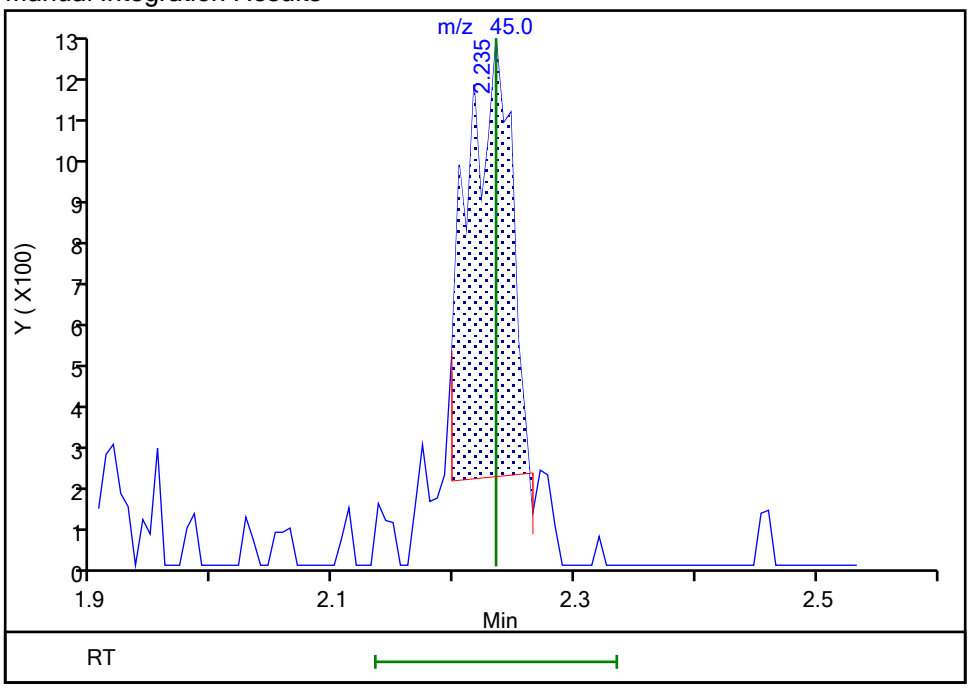
Processing Integration Results

RT: 2.23
Area: 4056
Amount: 9.386066
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 2597
Amount: 1.810240
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:19:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison

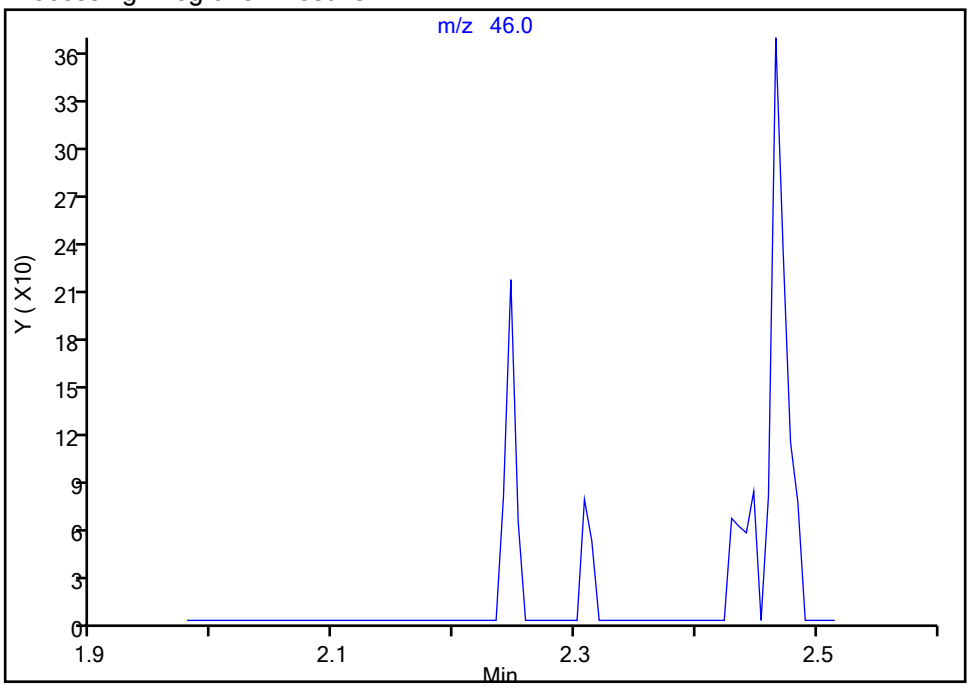
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

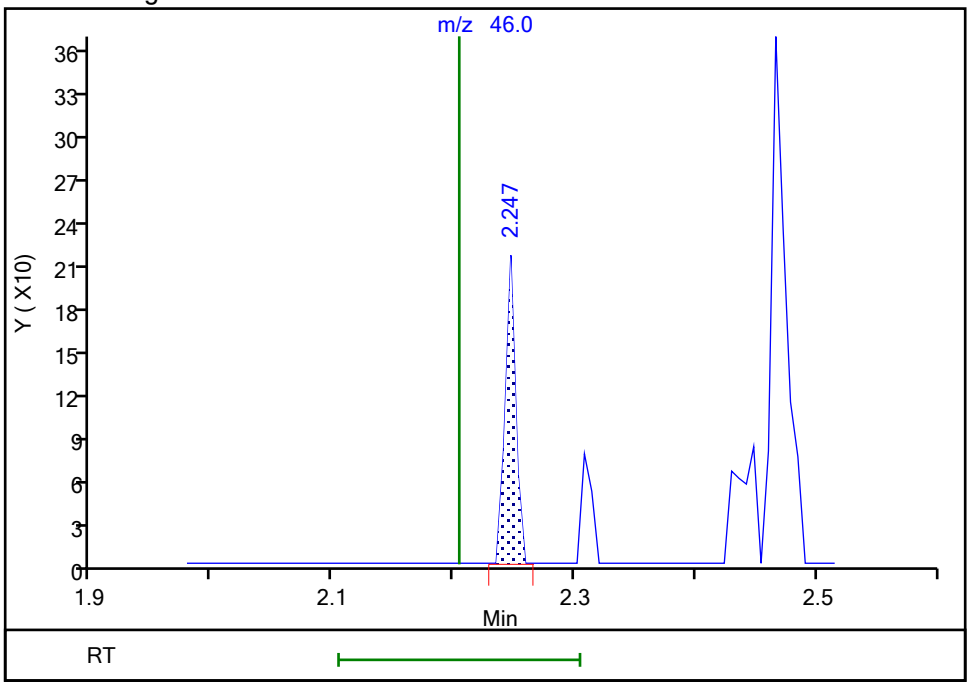
Not Detected
Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 130
Amount: 20.257914
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:56:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

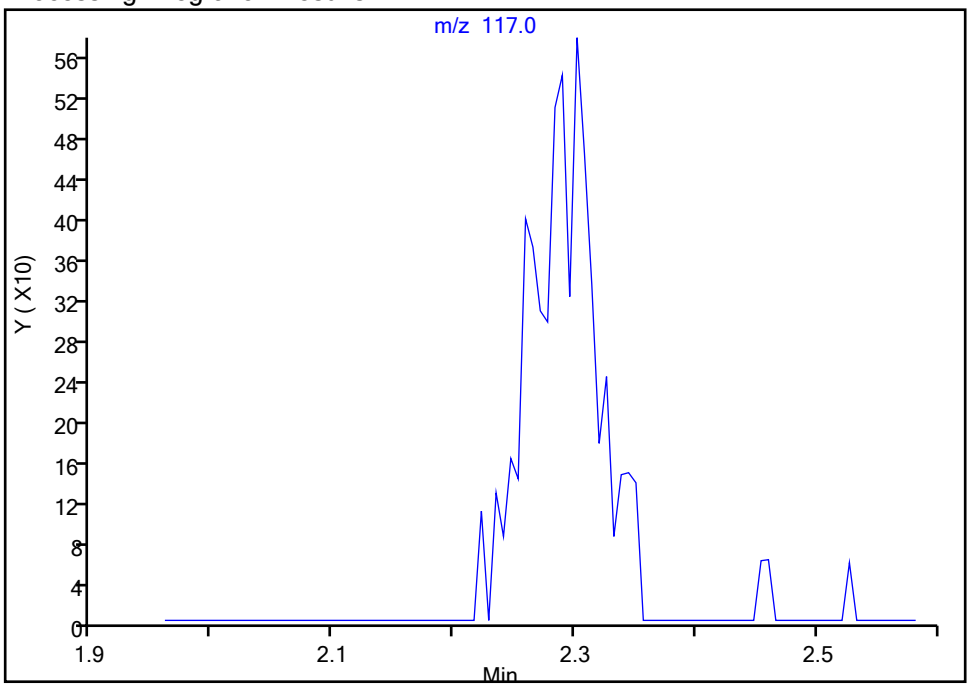
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

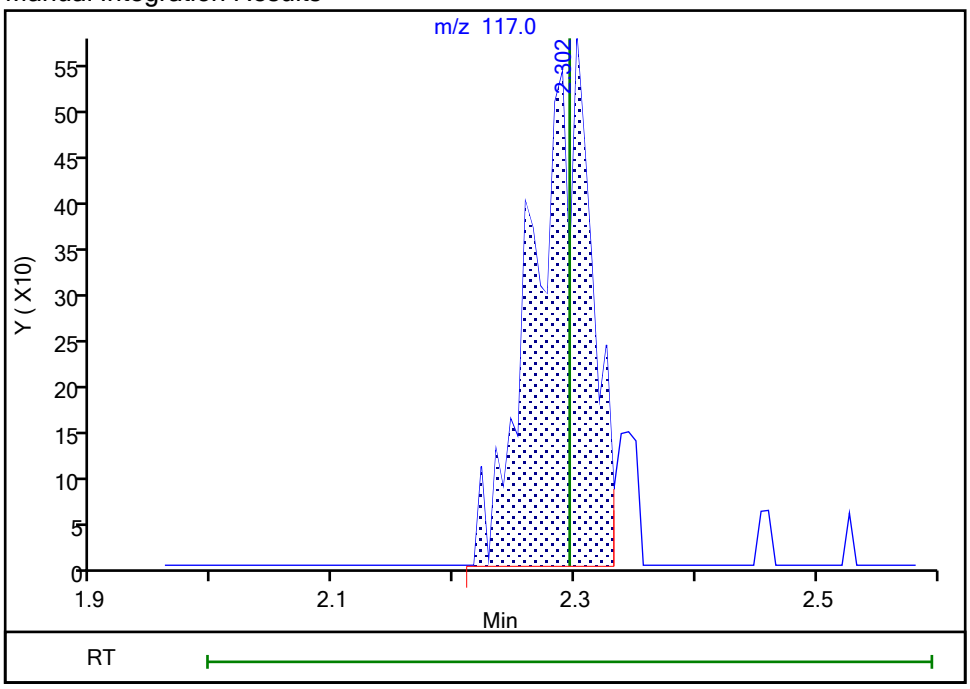
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.30
Area: 1909
Amount: 0.545591
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:56:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

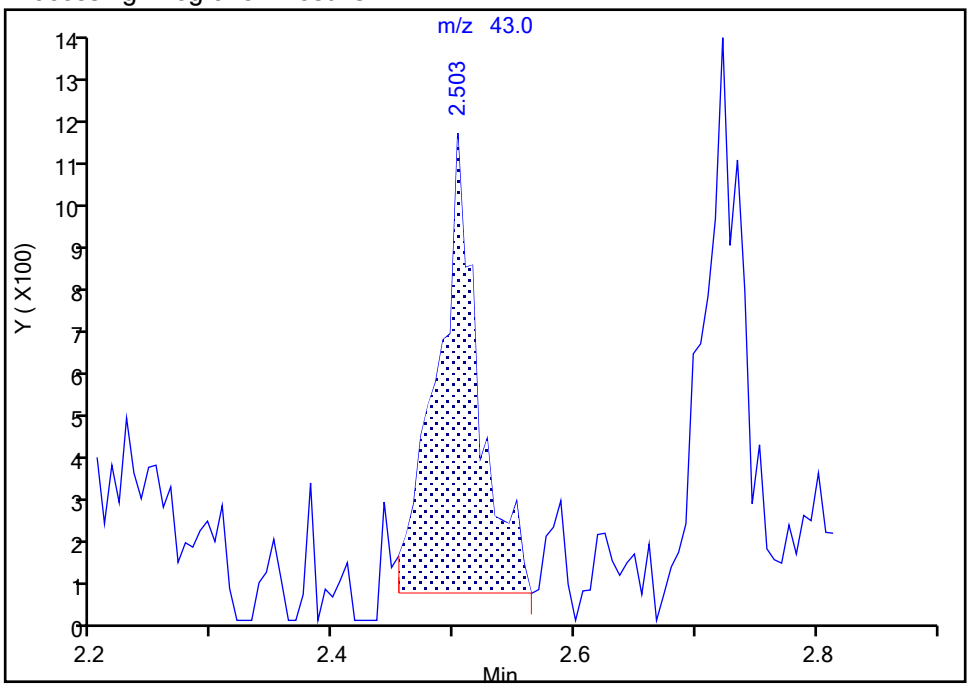
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

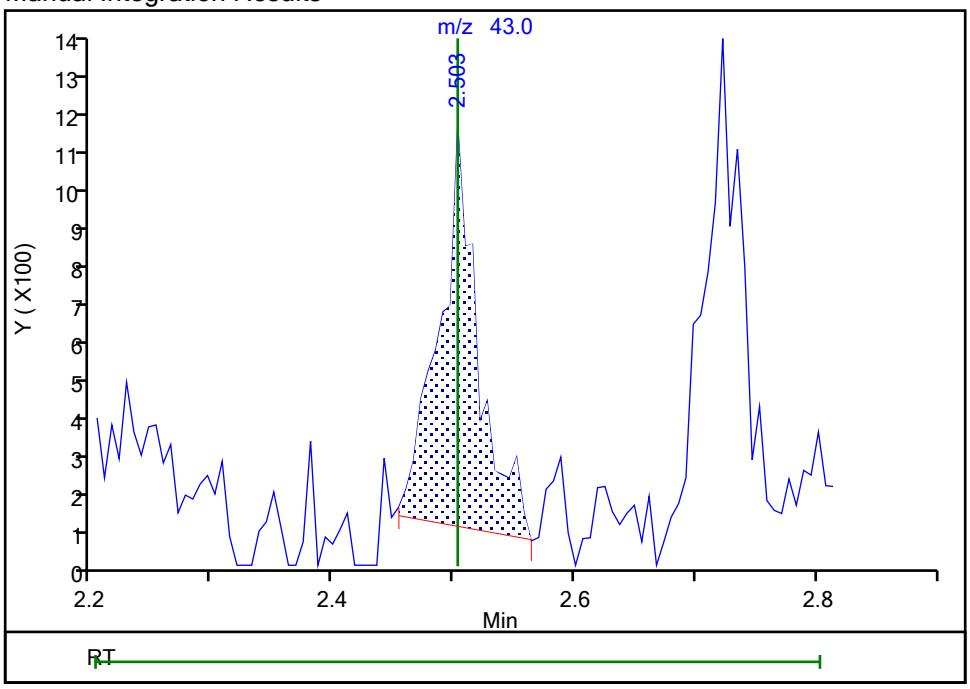
Processing Integration Results

RT: 2.50
Area: 2532
Amount: 4.085765
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 2296
Amount: 3.374066
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:49:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

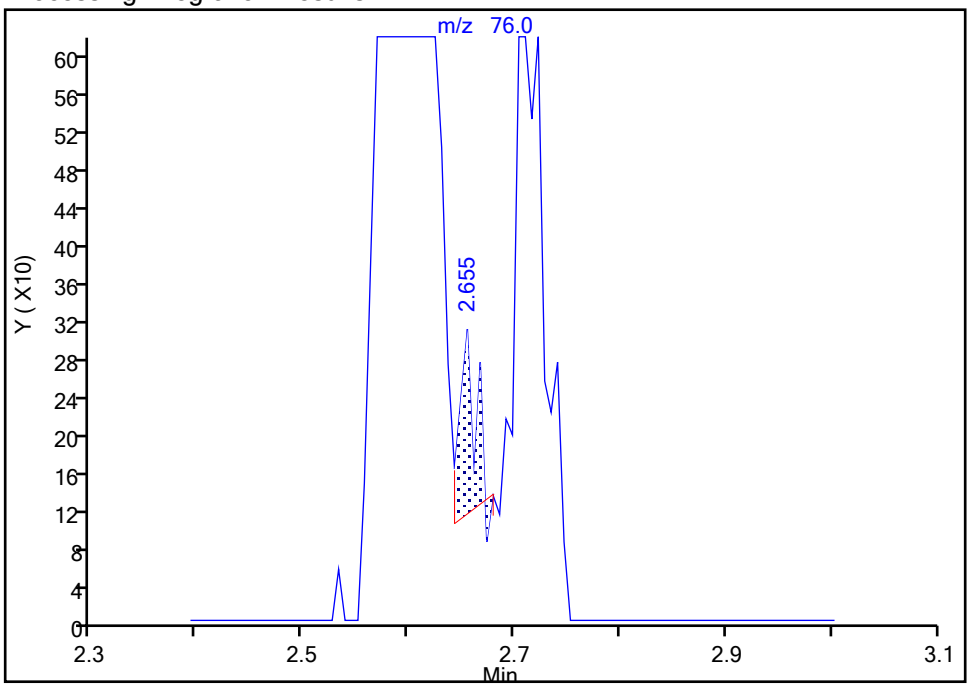
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

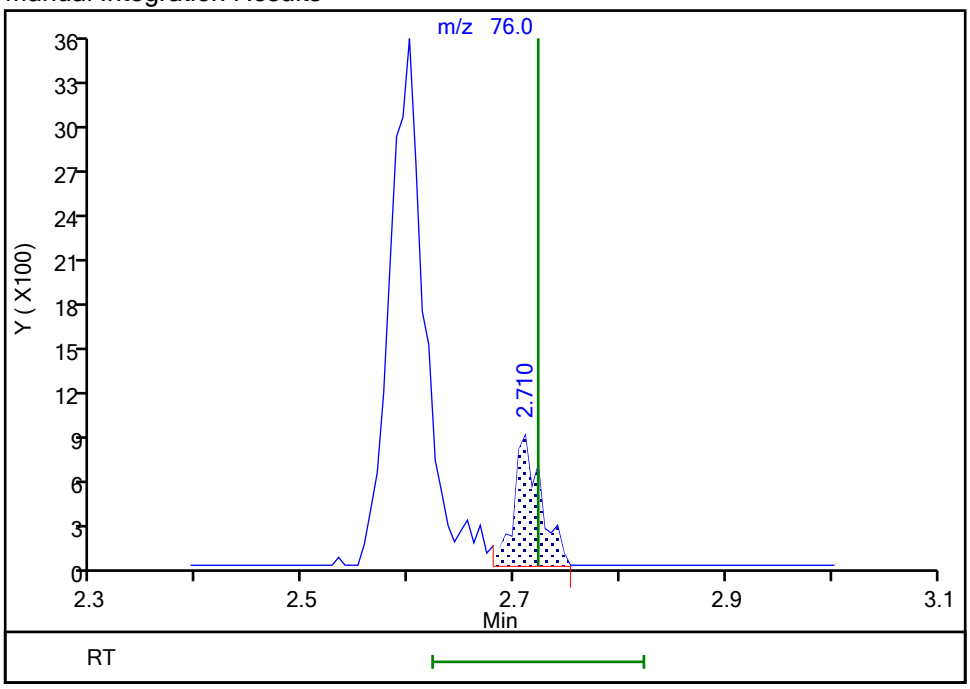
Processing Integration Results

RT: 2.66
Area: 194
Amount: 0.076403
Amount Units: ug/l



Manual Integration Results

RT: 2.71
Area: 1600
Amount: 0.586720
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:58:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

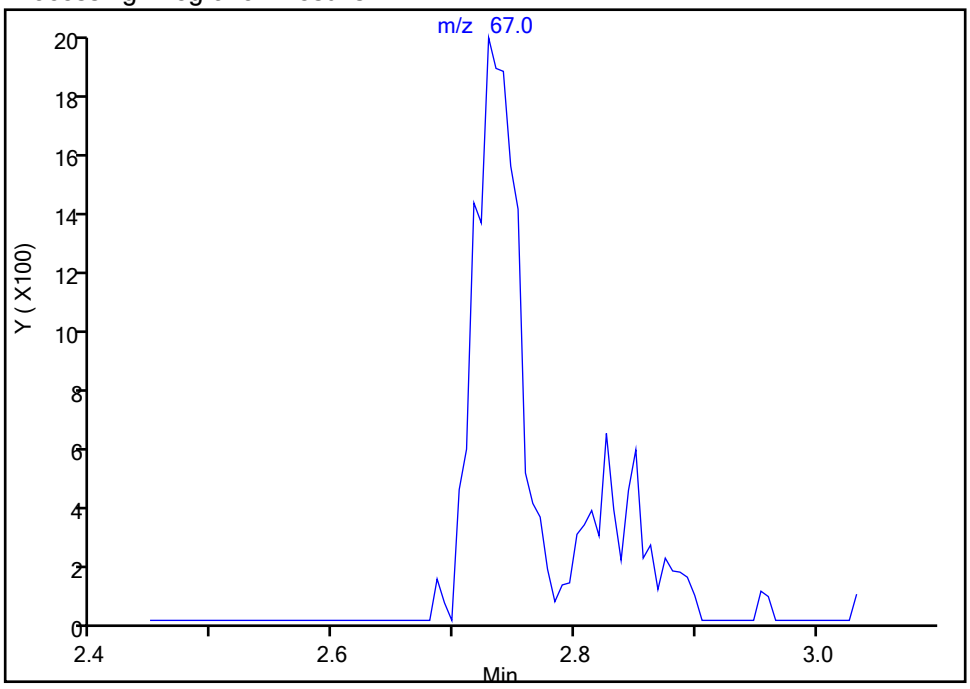
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

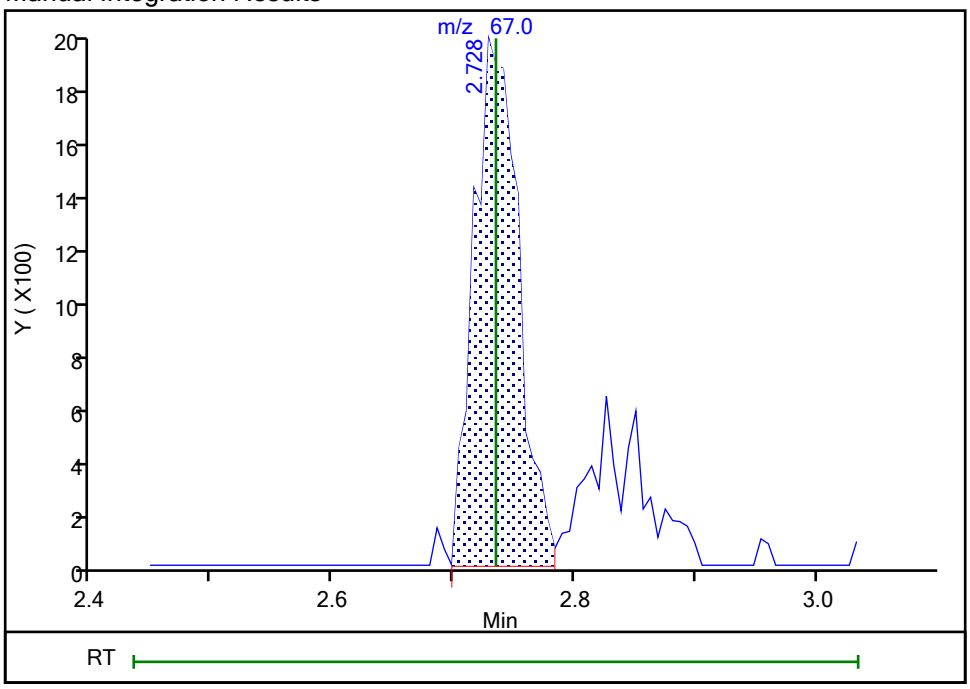
Not Detected
Expected RT: 2.73

Processing Integration Results



Manual Integration Results

RT: 2.73
Area: 5042
Amount: 0.574458
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:58:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

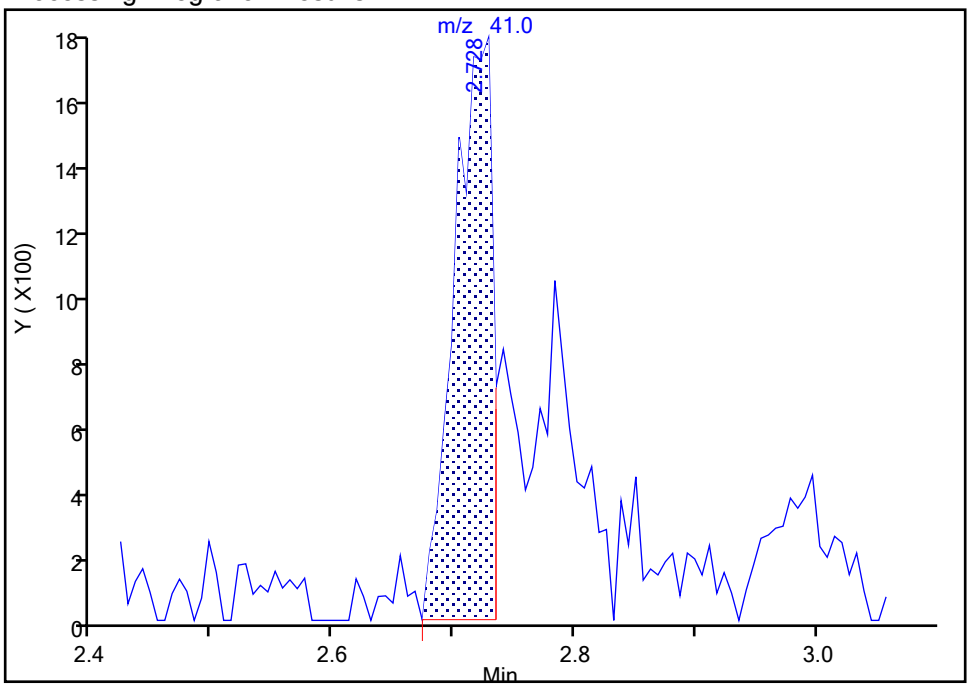
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

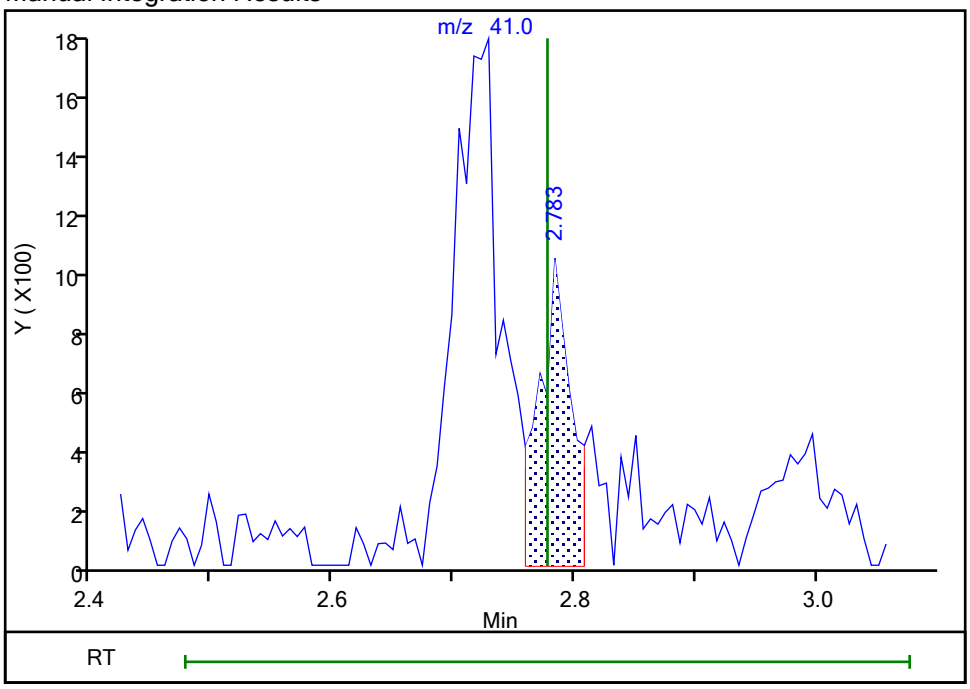
Processing Integration Results

RT: 2.73
Area: 3914
Amount: 8.835959
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 1957
Amount: 5.838228
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:58:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

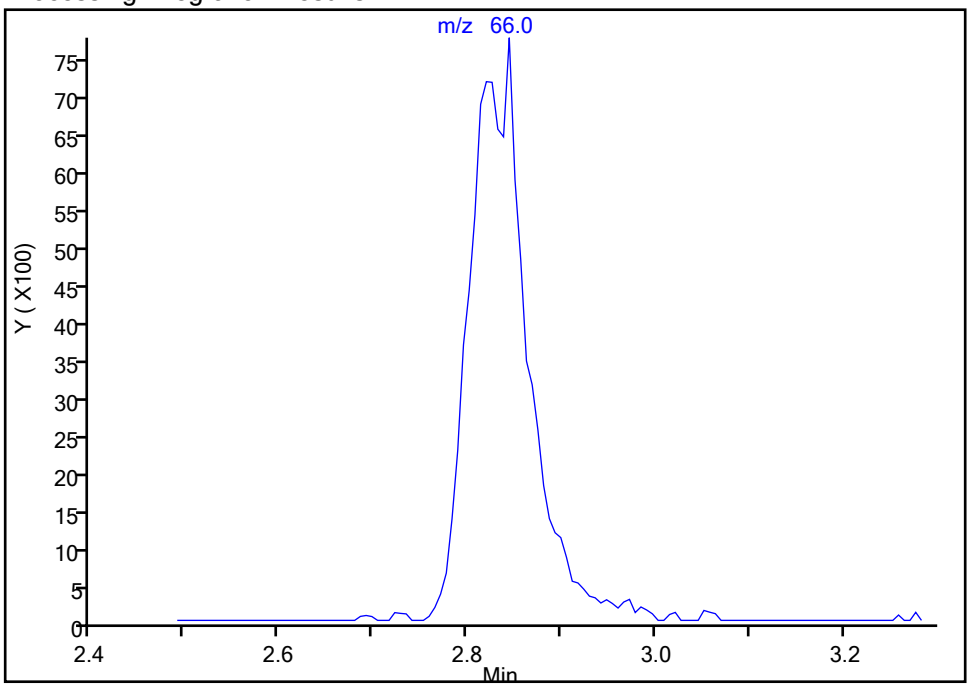
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

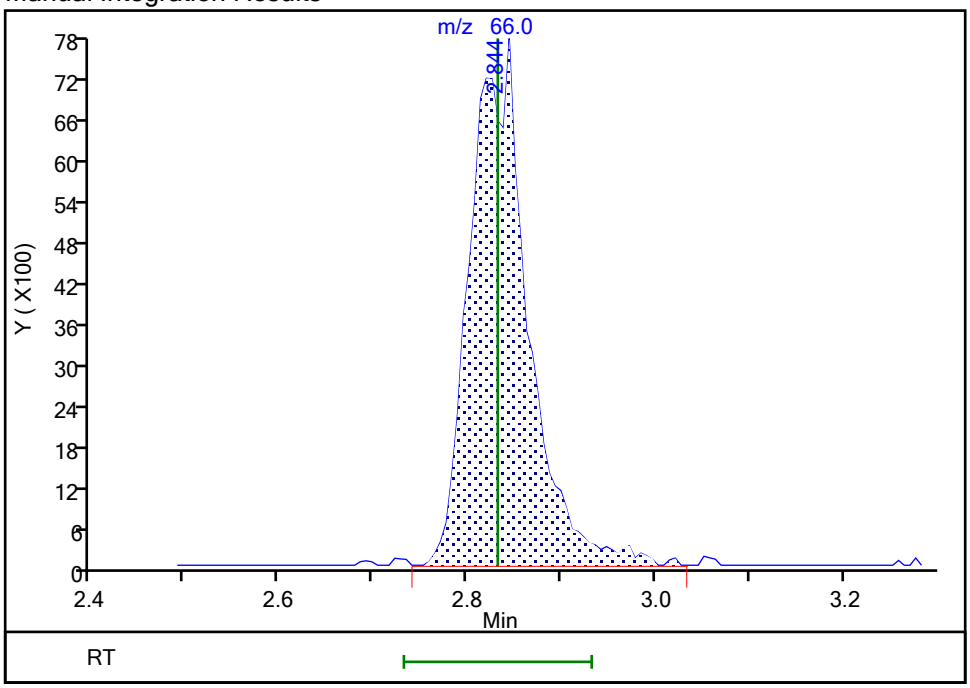
Not Detected
Expected RT: 2.83

Processing Integration Results



RT: 2.84
Area: 33027
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 20-Sep-2024 12:58:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

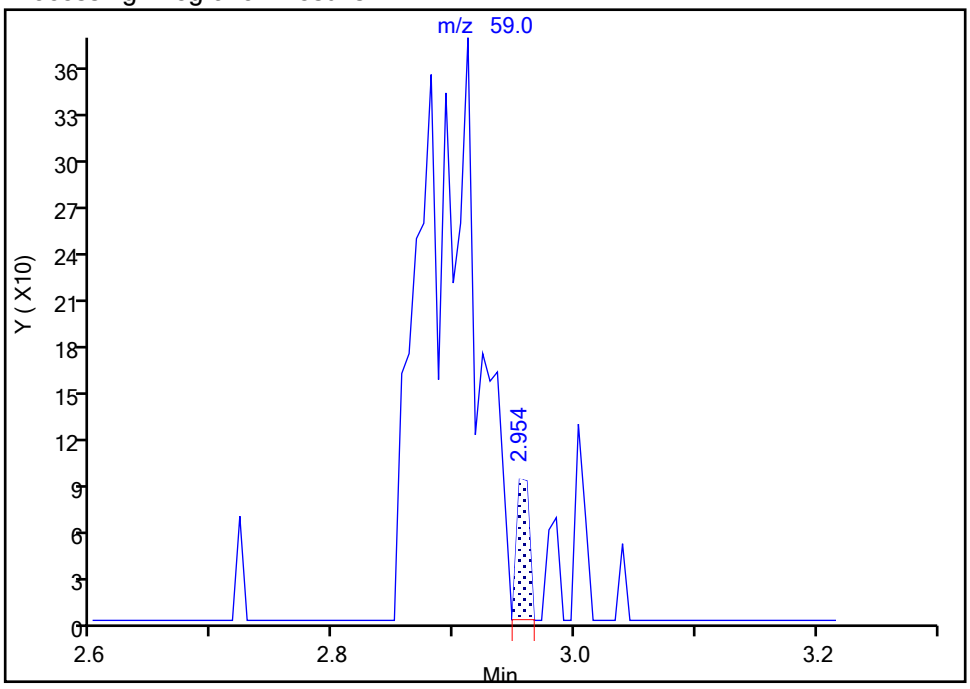
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

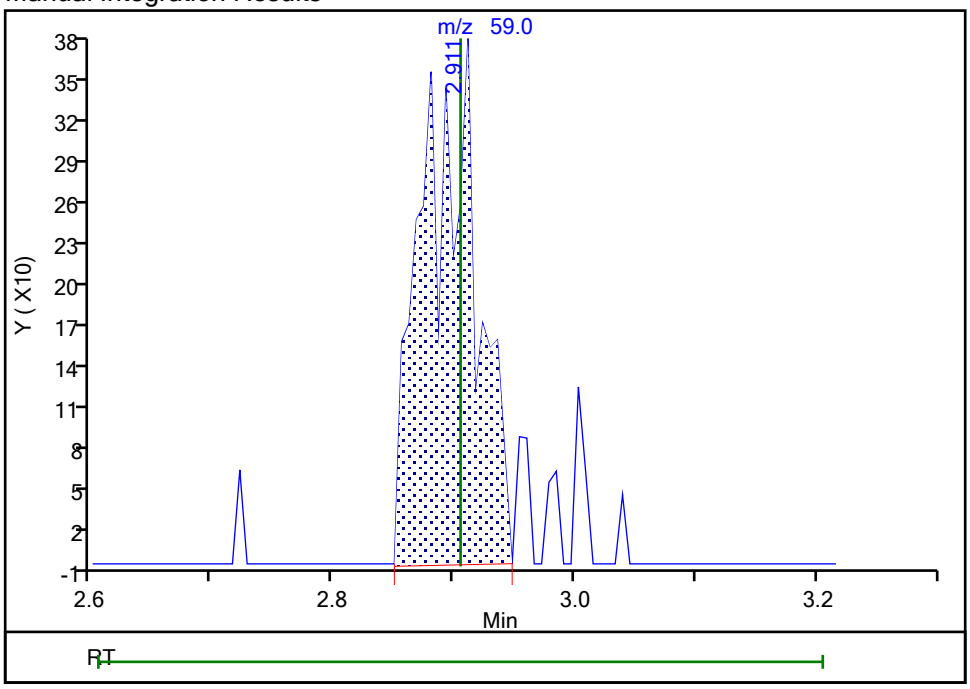
Processing Integration Results

RT: 2.95
Area: 67
Amount: 0.254437
Amount Units: ug/l



Manual Integration Results

RT: 2.91
Area: 1190
Amount: 4.802014
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:58:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

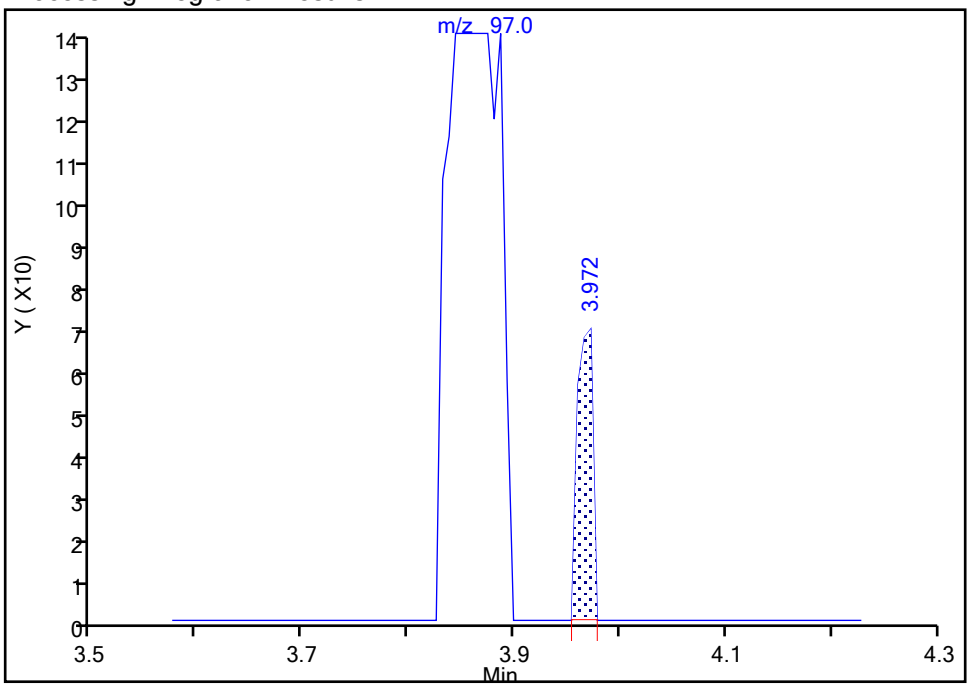
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

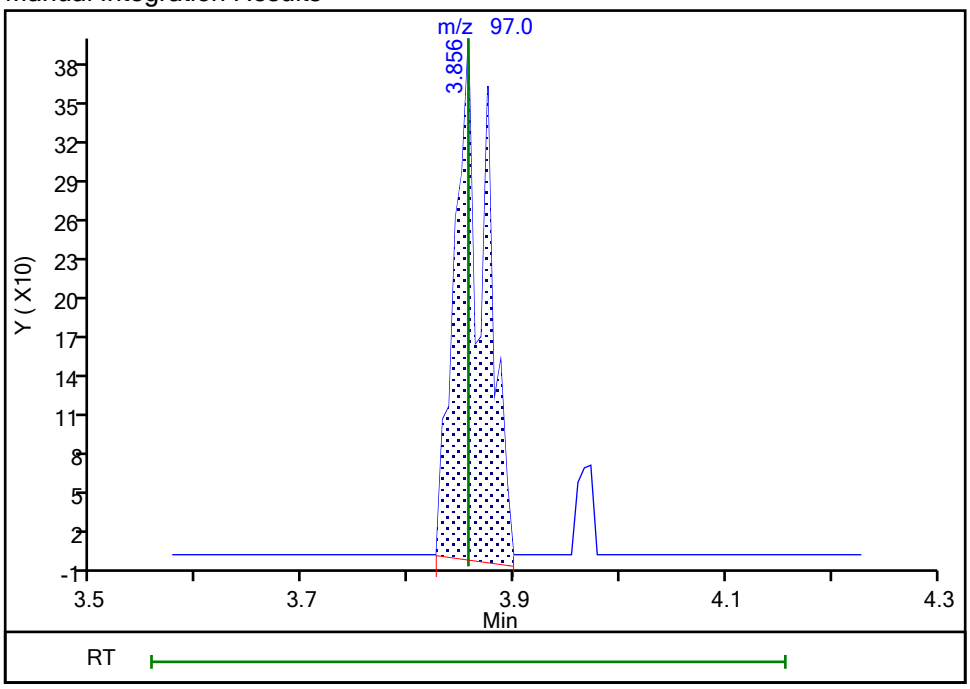
Processing Integration Results

RT: 3.97
Area: 69
Amount: 0.056157
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 810
Amount: 0.578761
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:59:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

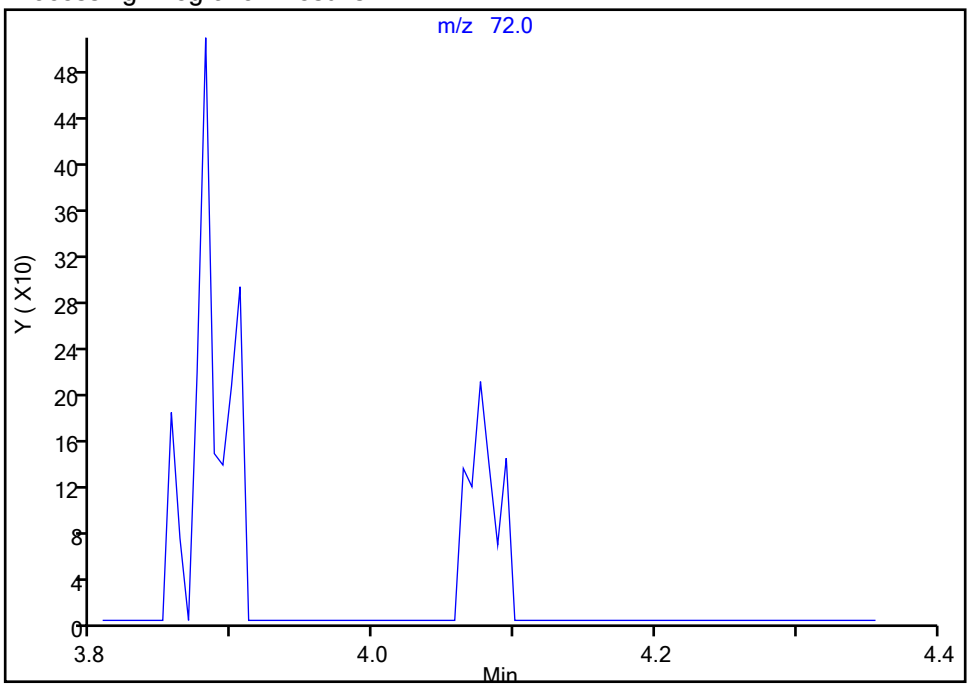
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

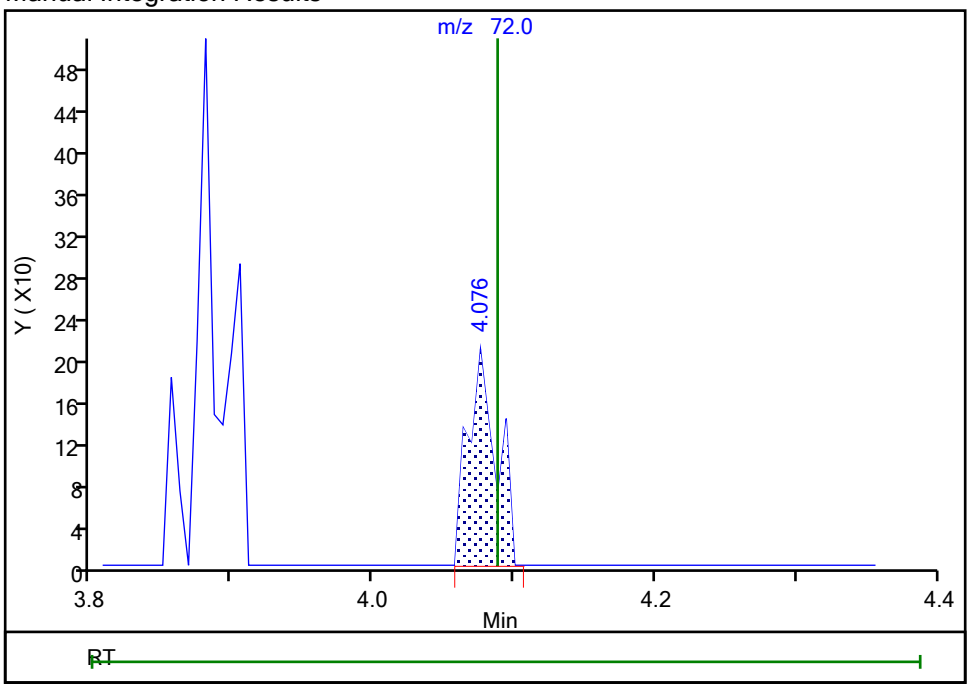
Not Detected
Expected RT: 4.09

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 294
Amount: 0.981598
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:59:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

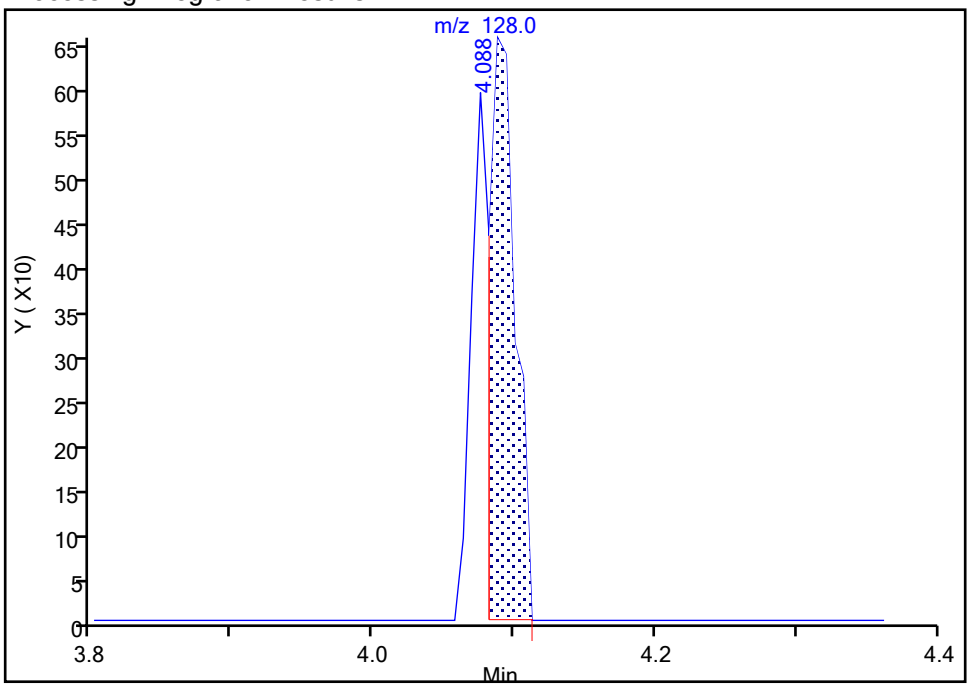
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

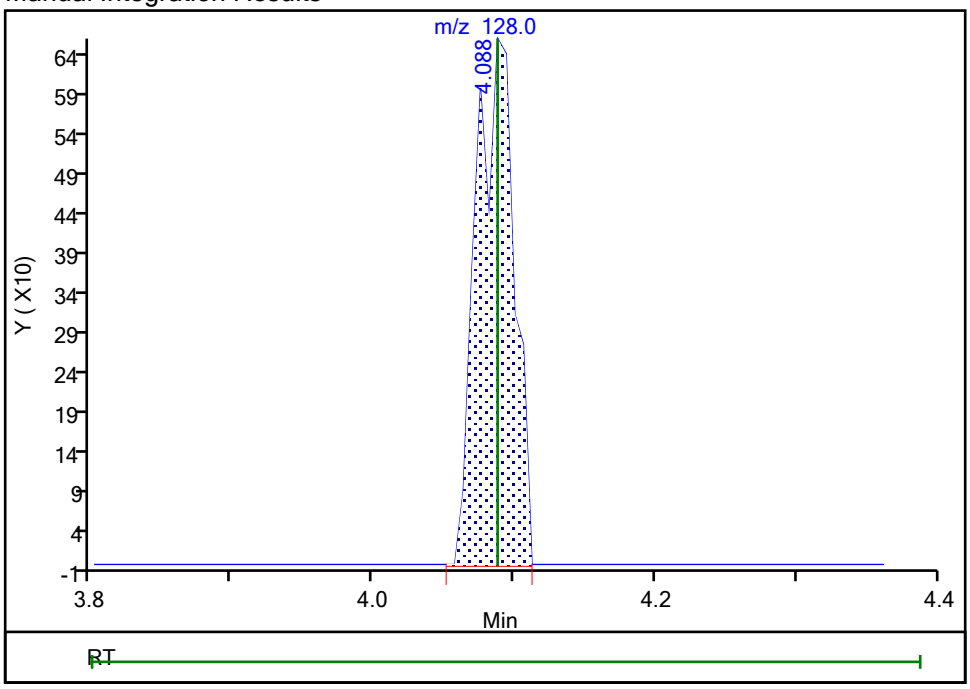
Processing Integration Results

RT: 4.09
Area: 850
Amount: 0.452732
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 1241
Amount: 0.604093
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:59:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

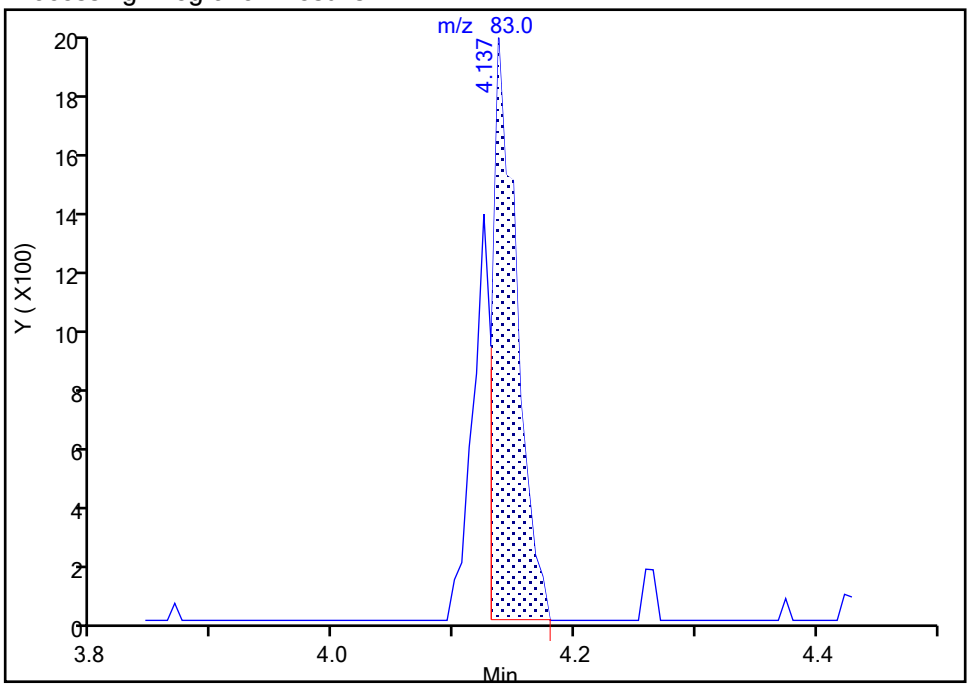
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3

Signal: 1

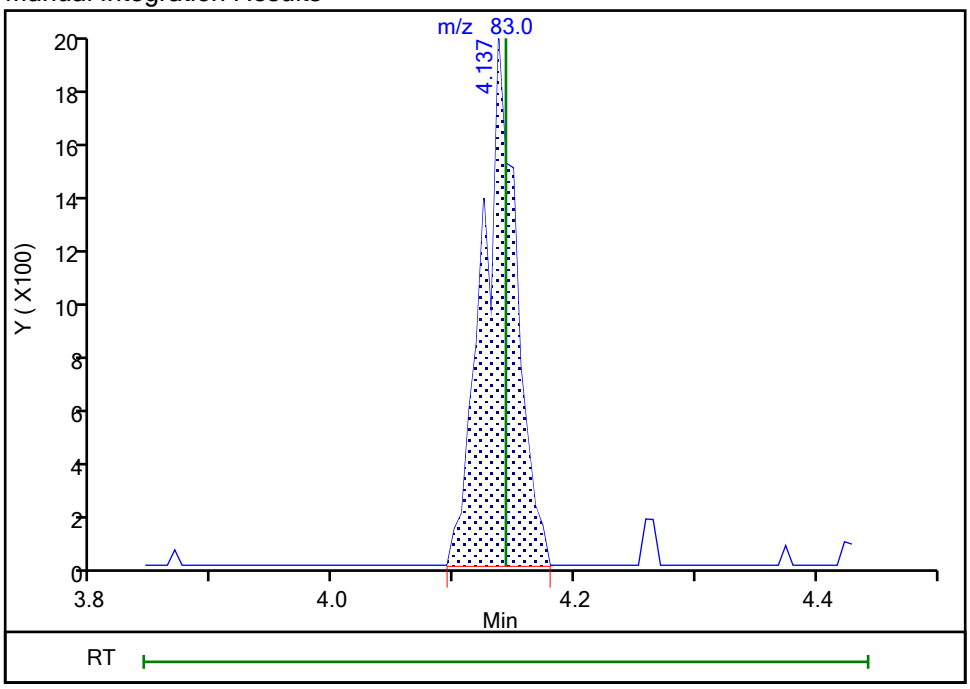
Processing Integration Results

RT: 4.14
Area: 2703
Amount: 0.434111
Amount Units: ug/l



Manual Integration Results

RT: 4.14
Area: 3832
Amount: 0.571197
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:59:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

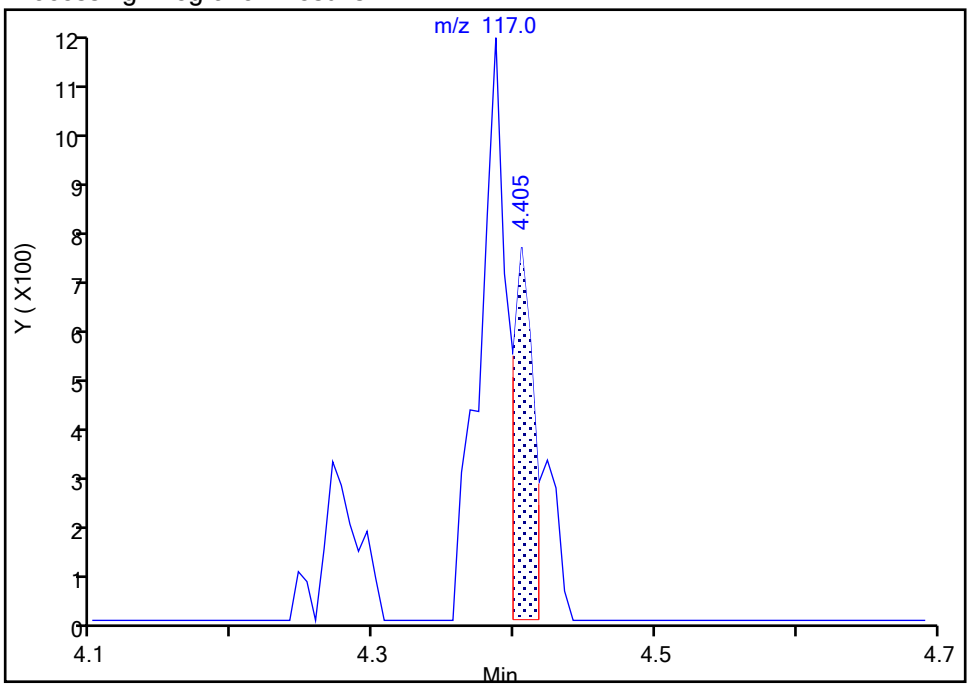
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

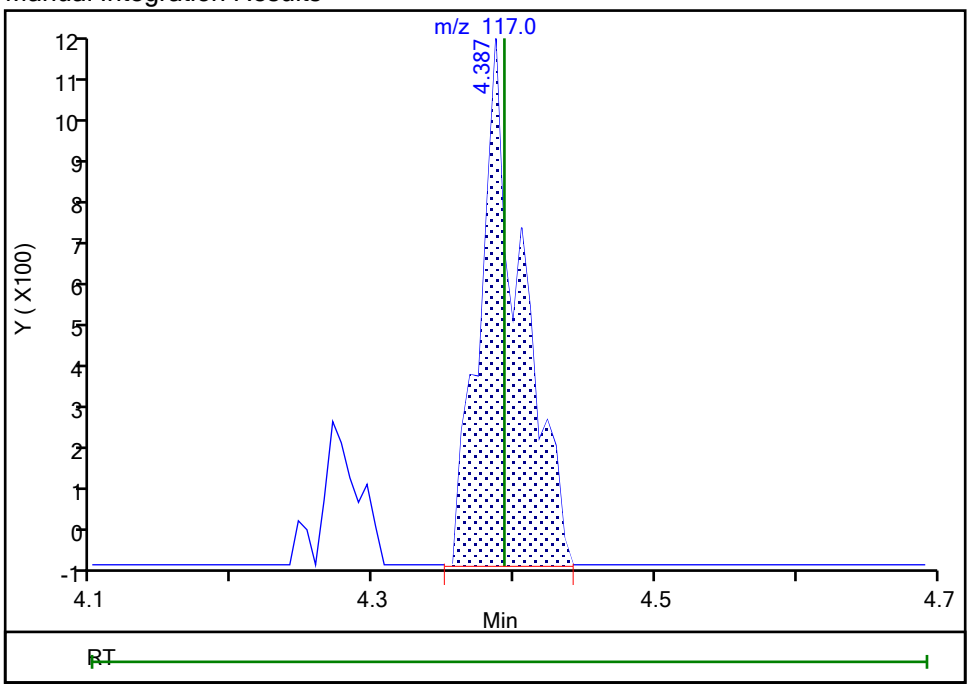
Processing Integration Results

RT: 4.40
Area: 742
Amount: 0.173132
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 2302
Amount: 0.510098
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:59:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

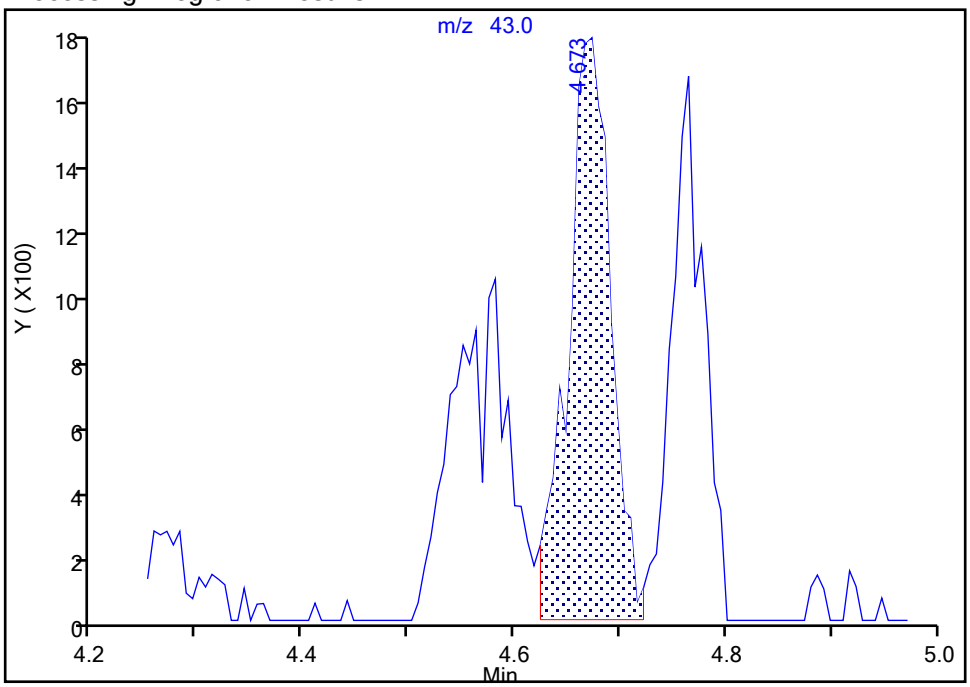
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

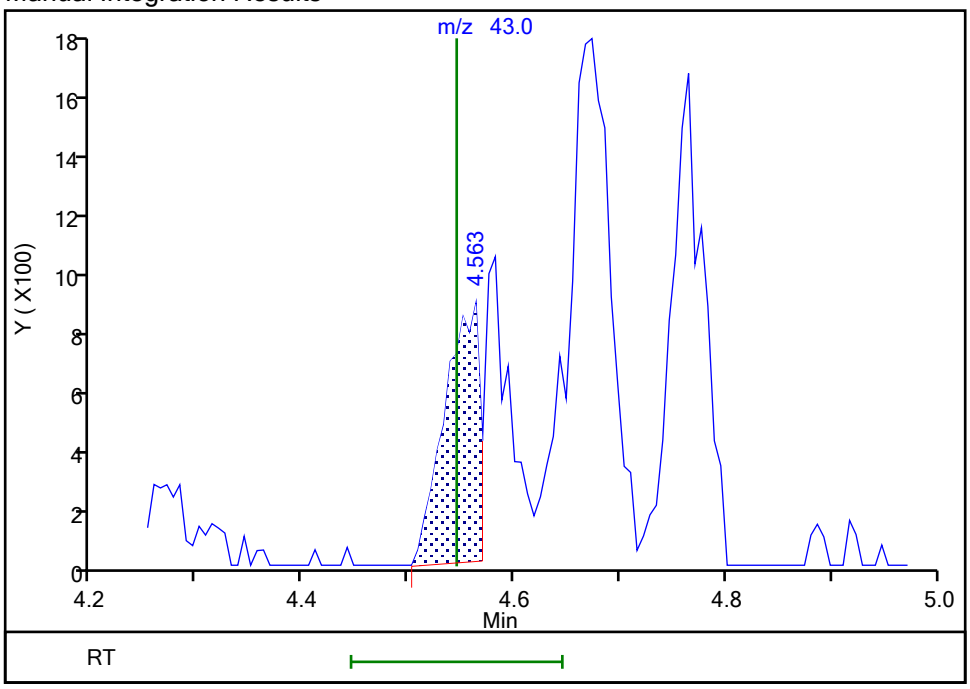
Processing Integration Results

RT: 4.67
Area: 5092
Amount: 26.170413
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 2072
Amount: 19.089881
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:49:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison

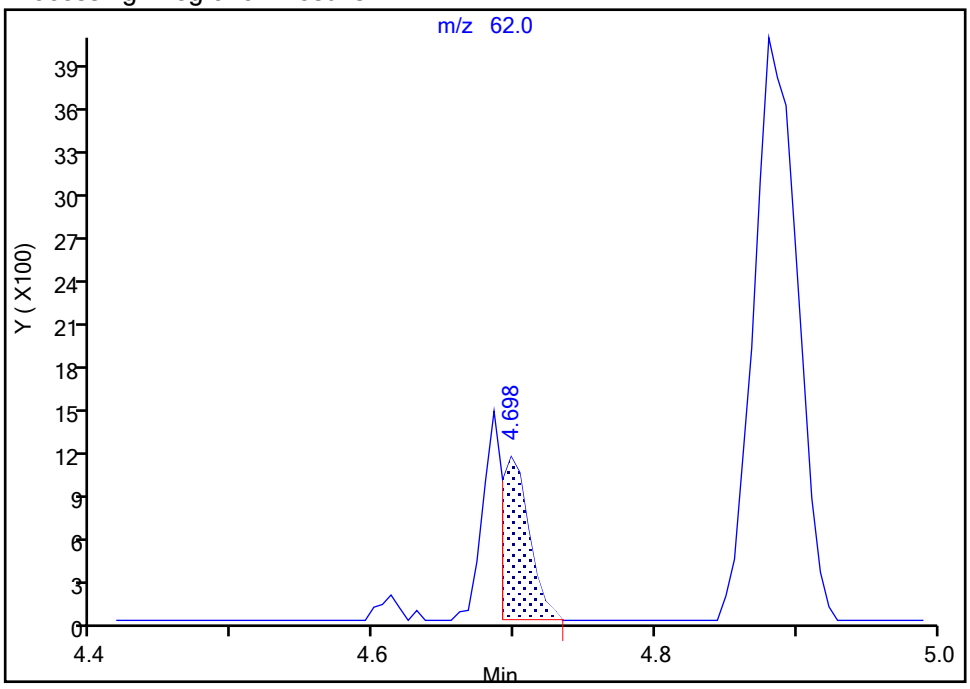
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

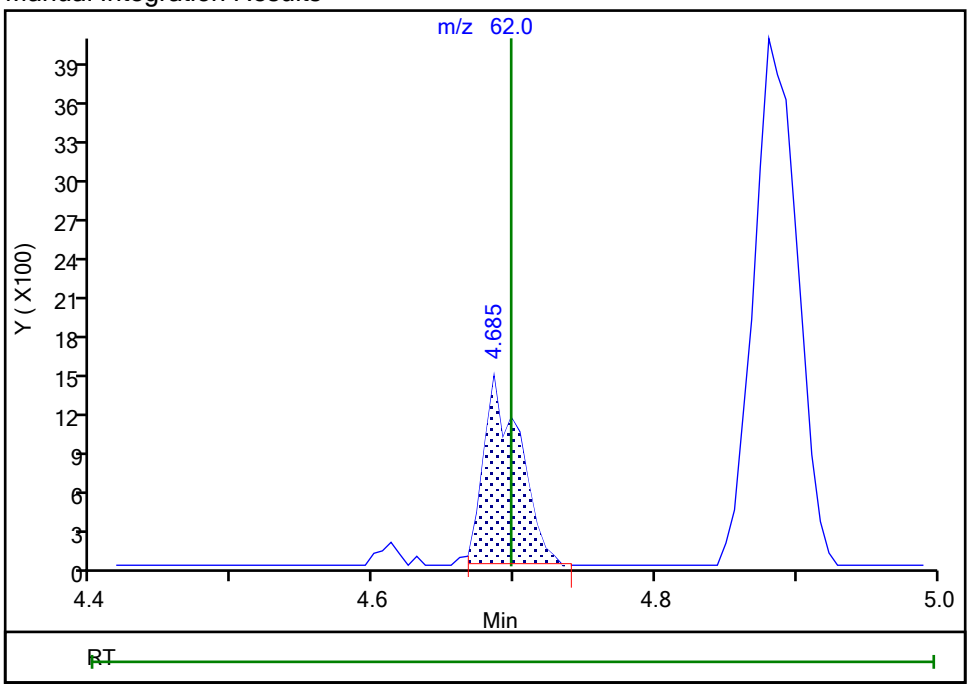
Processing Integration Results

RT: 4.70
Area: 1577
Amount: 0.404106
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 2632
Amount: 0.602826
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:00:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

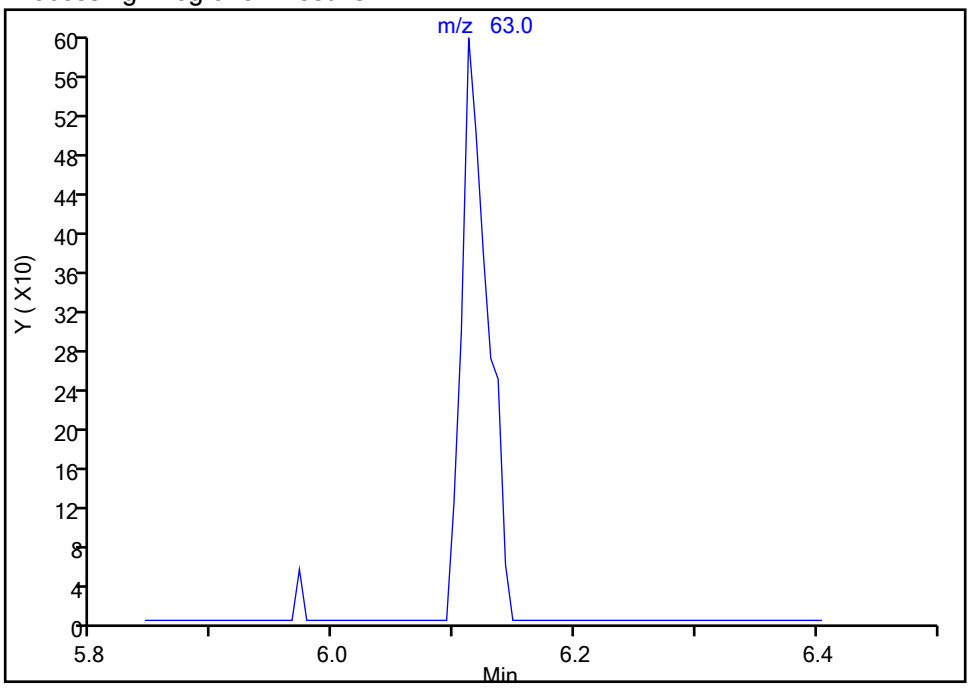
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

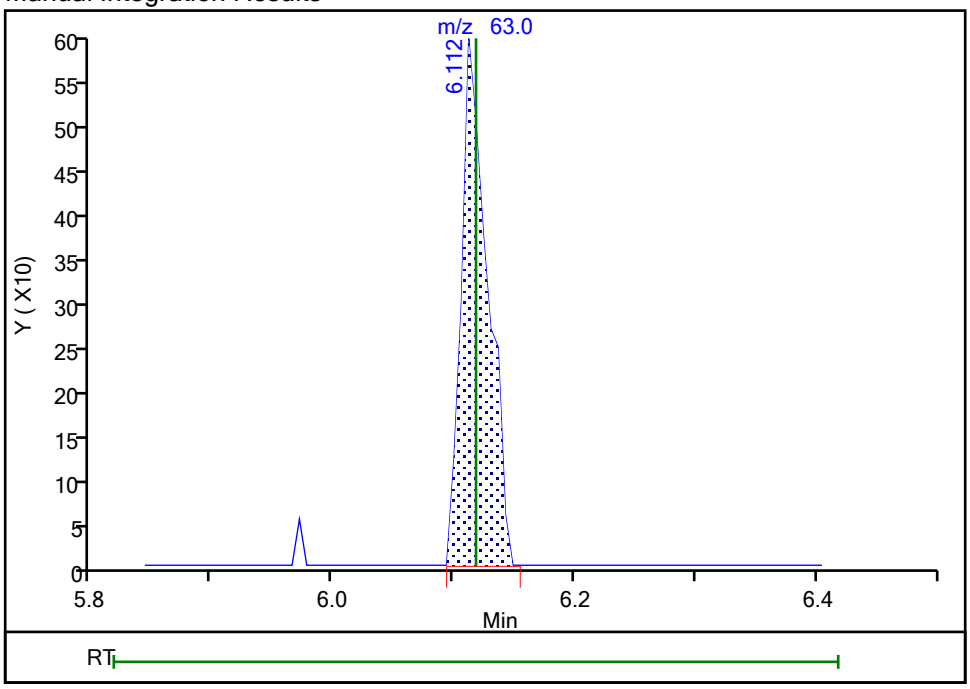
Not Detected
Expected RT: 6.12

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 895
Amount: 0.494773
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:00:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

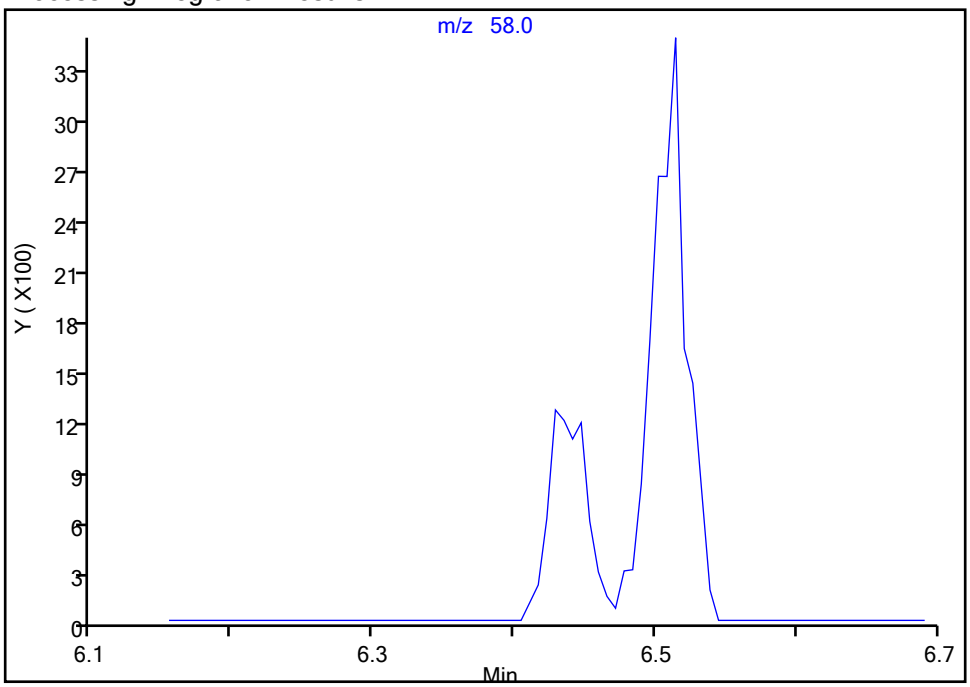
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

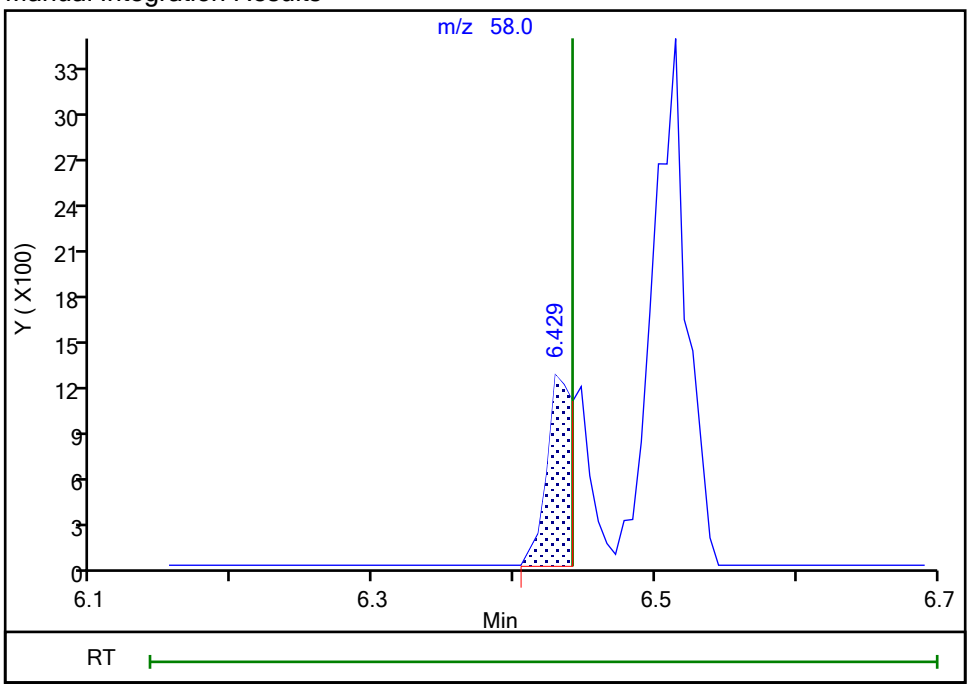
Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results

RT: 6.43
Area: 1624
Amount: 1.791512
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:00:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

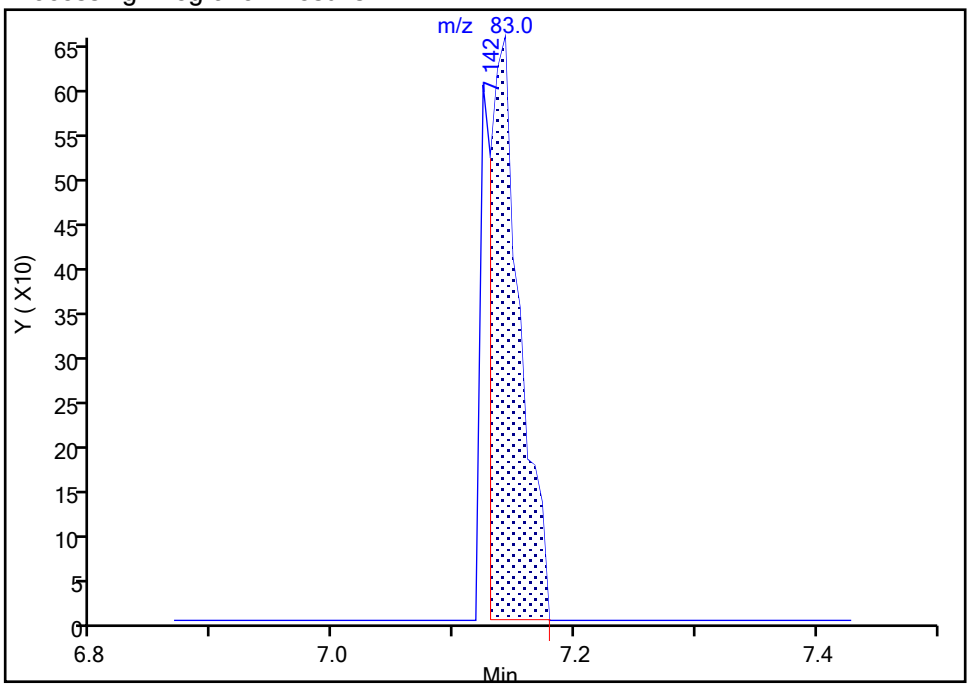
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

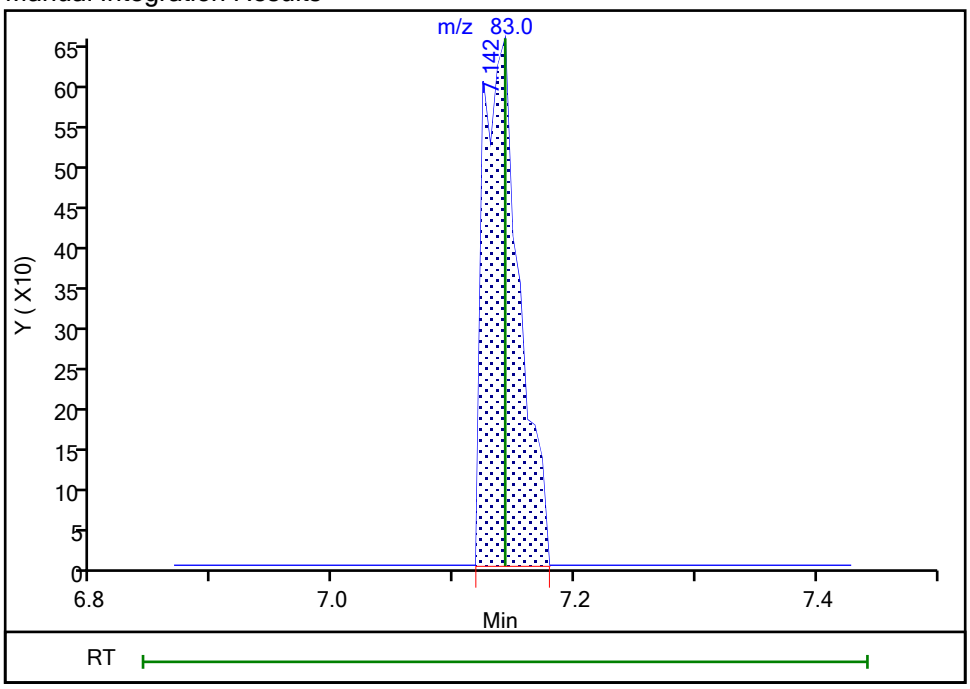
Processing Integration Results

RT: 7.14
Area: 1112
Amount: 0.478614
Amount Units: ug/l



Manual Integration Results

RT: 7.14
Area: 1332
Amount: 0.548787
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:00:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

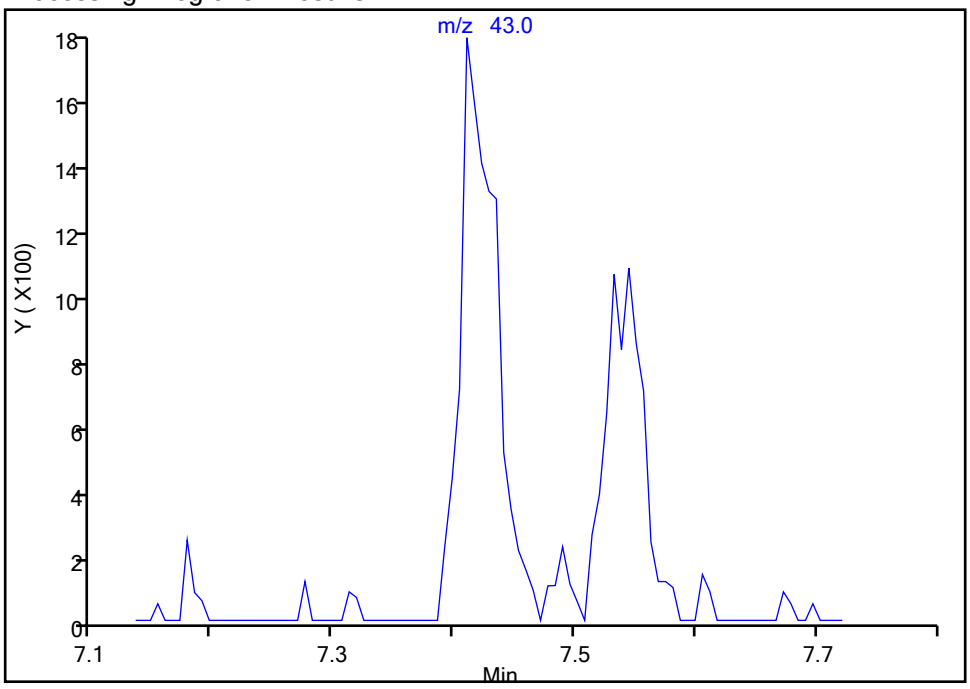
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

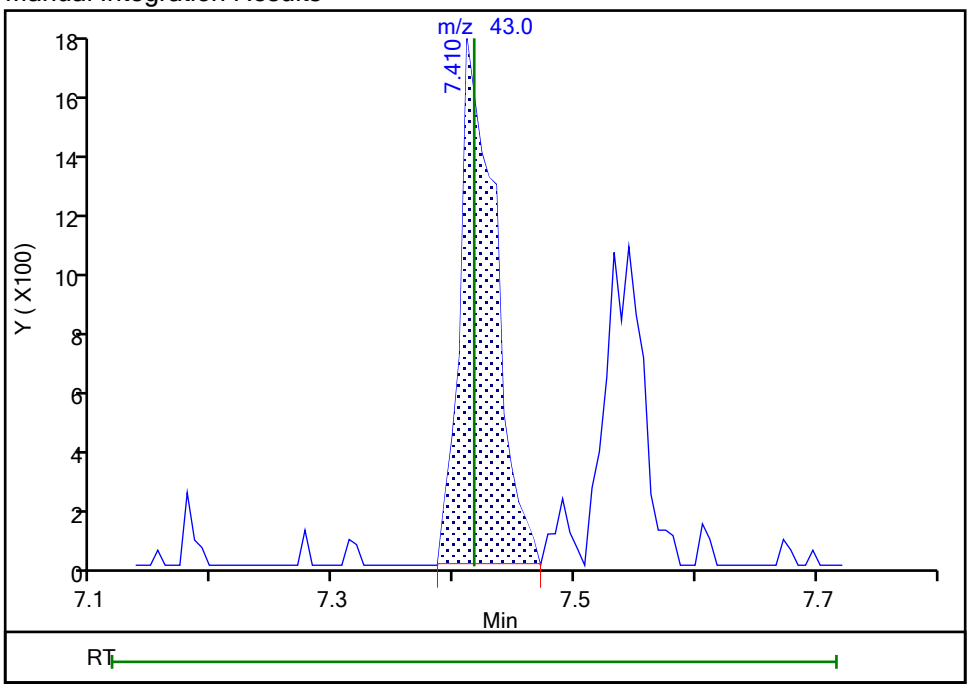
Not Detected
Expected RT: 7.42

Processing Integration Results



Manual Integration Results

RT: 7.41
Area: 3607
Amount: 2.569589
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:01:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

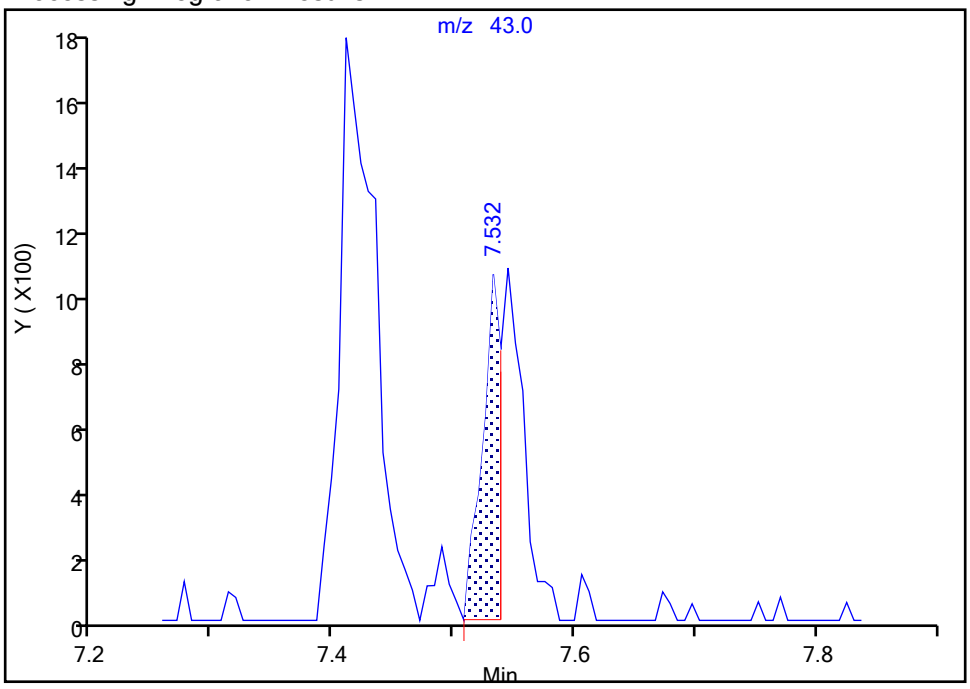
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Signal: 1

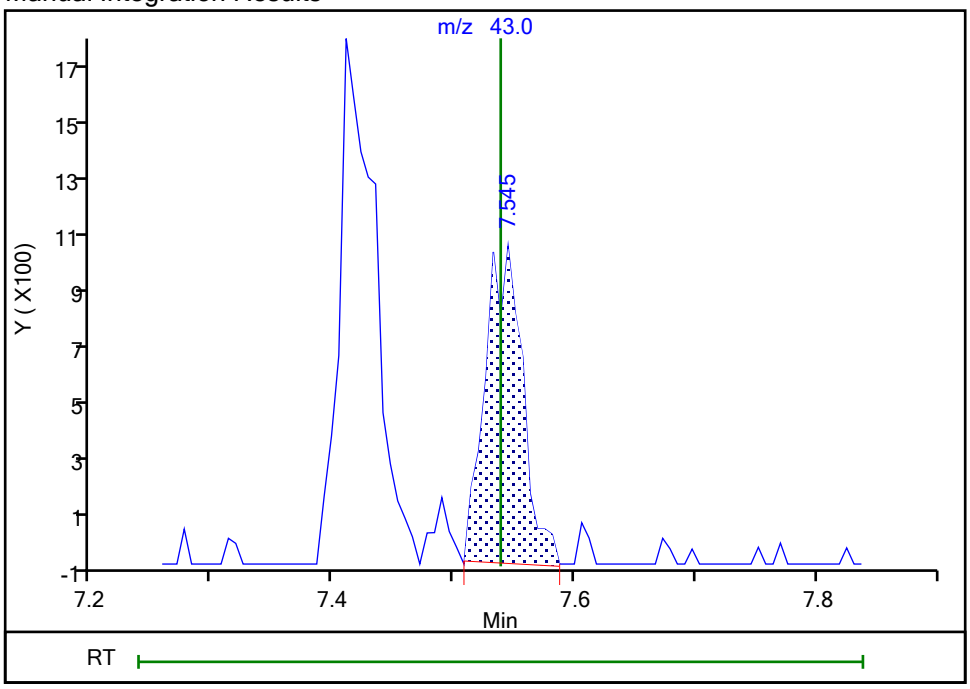
Processing Integration Results

RT: 7.53
Area: 1142
Amount: 0.324690
Amount Units: ug/l



Manual Integration Results

RT: 7.54
Area: 2292
Amount: 0.557548
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:01:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

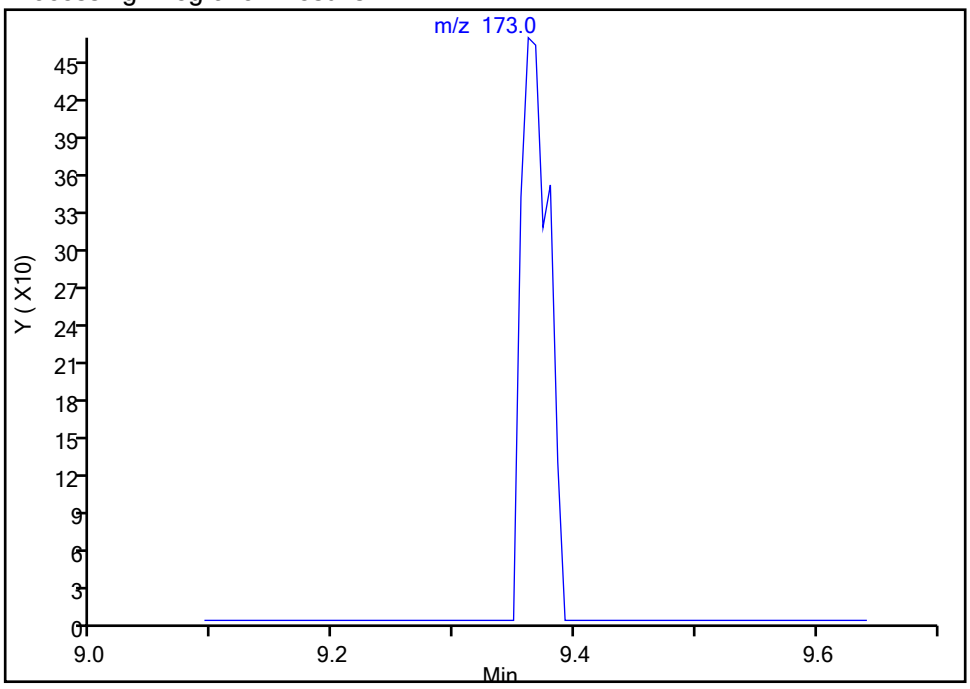
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Signal: 1

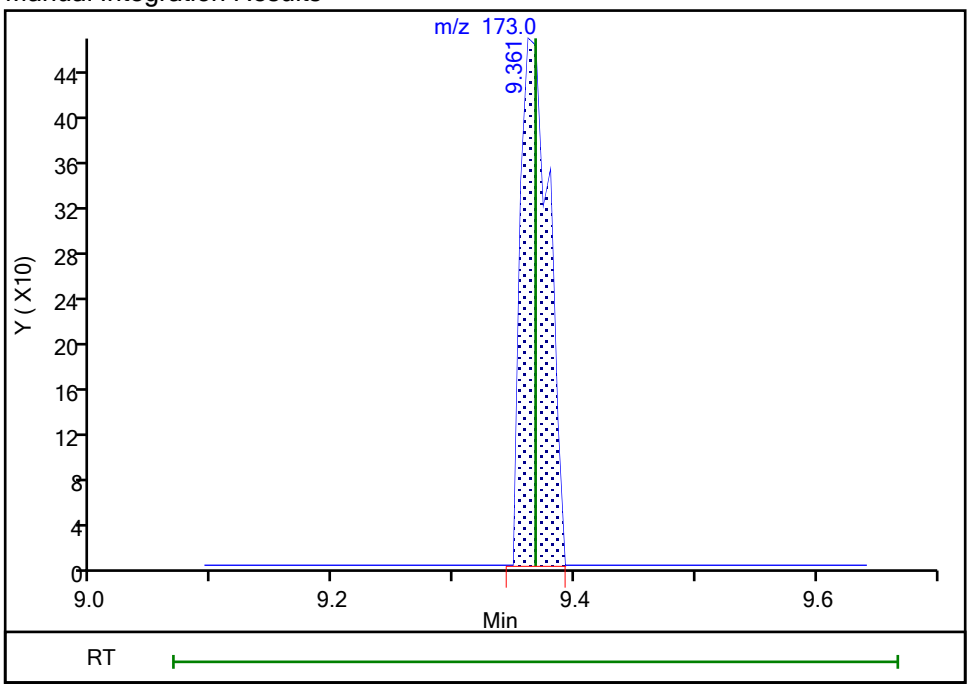
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 753
Amount: 0.541791
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:05:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

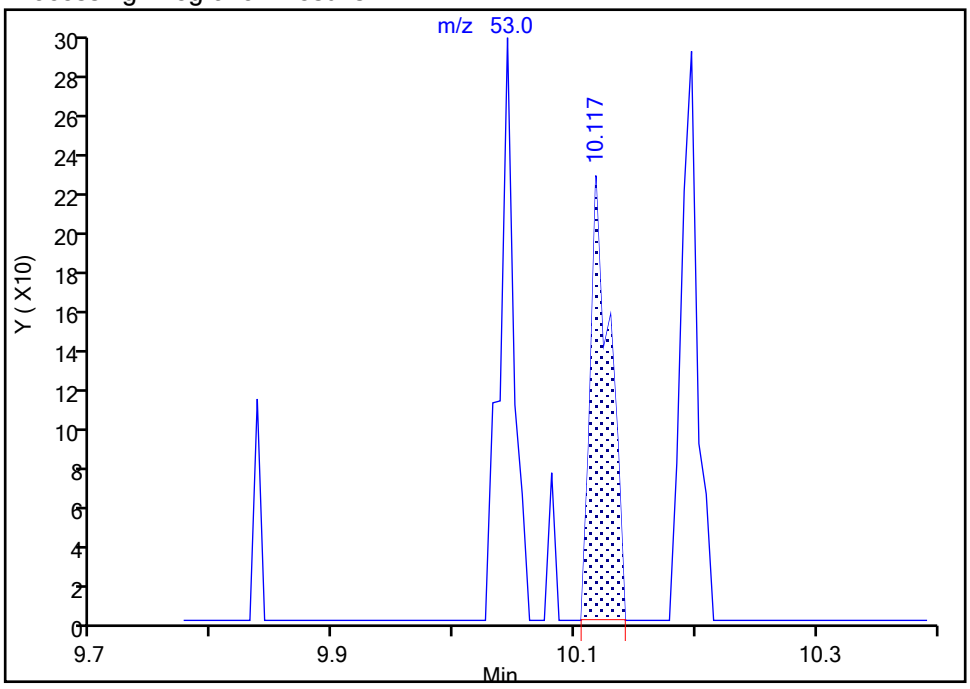
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

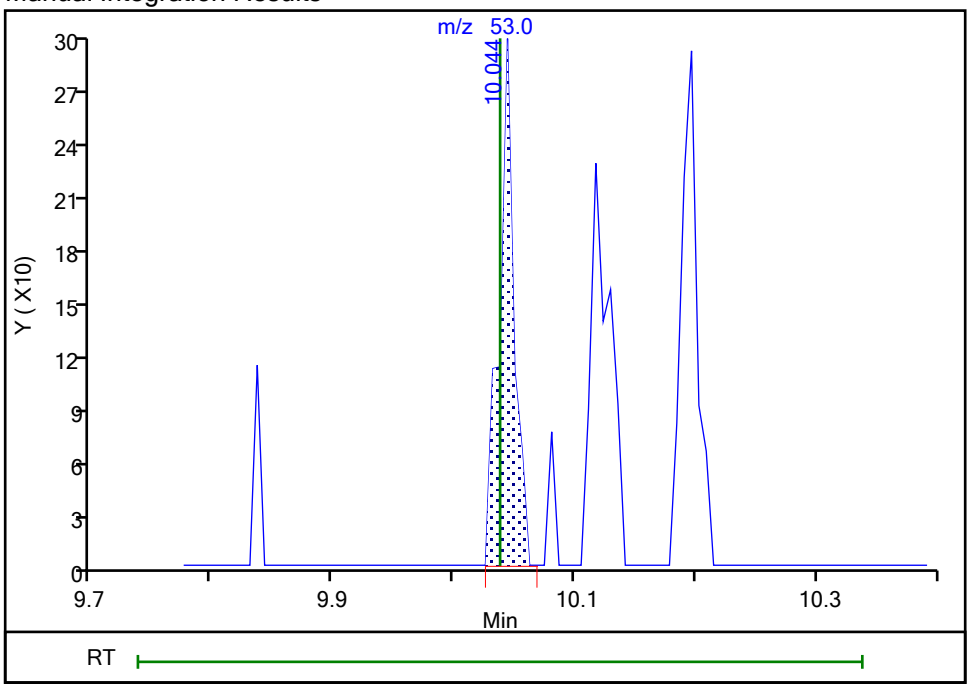
Processing Integration Results

RT: 10.12
Area: 258
Amount: 0.517451
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 256
Amount: 0.373516
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:21:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

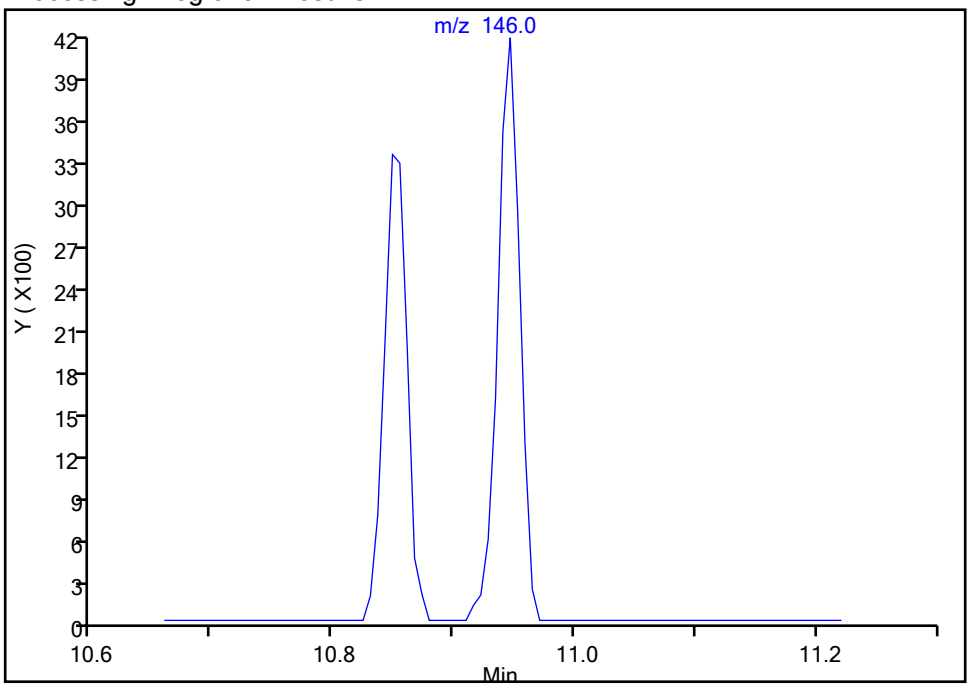
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85352.D
Injection Date: 20-Sep-2024 11:23:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

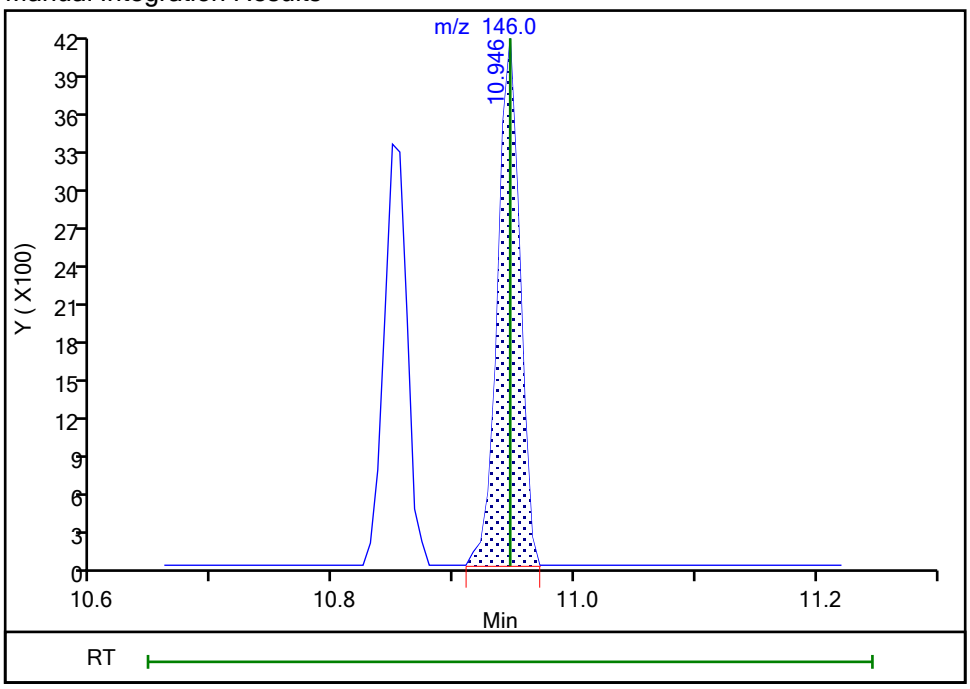
Not Detected
Expected RT: 10.95

Processing Integration Results



Manual Integration Results

RT: 10.95
Area: 5267
Amount: 0.618832
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:55:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Sep-2024 11:43:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0181138-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:36 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 12:29:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.137	1.210	-0.073	28	332	1.00	3.85	
3 Chlorotrifluoroethene	116	1.296	1.290	0.006	44	1212	1.00	1.03	
2 1,1-Difluoroethane	65	1.314	1.308	0.006	77	2216	1.00	1.06	
4 Dichlorodifluoromethane	85	1.345	1.320	0.025	55	3685	1.00	0.8975	
5 Chlorodifluoromethane	67	1.369	1.345	0.024	95	806	1.00	1.12	a
6 Chloromethane	50	1.515	1.497	0.018	77	4640	1.00	0.9266	
7 Vinyl chloride	62	1.564	1.558	0.006	96	4619	1.00	0.9608	
8 Butadiene	54	1.588	1.576	0.012	90	5037	1.00	0.9749	
9 Bromomethane	94	1.832	1.820	0.012	89	3605	1.00	1.05	
10 Chloroethane	64	1.893	1.881	0.012	45	3186	1.00	1.18	
11 Dichlorofluoromethane	67	2.046	2.040	0.006	79	7847	1.00	0.9410	
12 Trichlorofluoromethane	101	2.058	2.046	0.012	48	4773	1.00	0.9048	
13 Pentane	72	2.058	2.064	-0.006	95	1234	2.00	1.80	
14 Ethanol	46	2.247	2.204	0.043	71	361	40.0	38.5	
15 Ethyl ether	74	2.241	2.235	0.006	92	3848	1.00	0.9447	
25 Isopropyl alcohol	45	2.241	2.235	0.006	72	4962	10.0	9.85	a
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	90	3040	1.00	0.8461	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.320	2.296	0.024	71	3630	1.00	1.01	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.363	2.350	0.013	52	5193	1.00	0.9265	
19 Acrolein	56	2.393	2.393	0.000	53	2124	4.00	3.97	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.418	0.000	59	3131	1.00	0.8360	
21 1,1-Dichloroethene	96	2.442	2.430	0.012	96	3678	1.00	0.9345	
22 Acetone	43	2.509	2.503	0.006	70	4076	5.00	5.86	
23 Iodomethane	142	2.576	2.570	0.006	96	6296	1.00	0.9060	
24 Carbon disulfide	76	2.600	2.600	0.000	99	13251	1.00	0.9085	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	90	2480	1.00	0.8812	
27 Methyl acetate	43	2.735	2.722	0.013	67	3730	2.00	1.79	
28 Cyclopentene	67	2.747	2.735	0.012	91	7816	1.00	0.8628	
29 Acetonitrile	41	2.777	2.777	0.000	25	3998	10.0	11.7	M
* 31 TBA-d9 (IS)	66	2.844	2.832	0.012	0	31015	1000.0	1000.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	32	4230	1.00	0.8837	
32 2-Methyl-2-propanol	59	2.917	2.905	0.012	28	2395	10.0	10.3	Ma
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	94	8312	1.00	0.8076	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	94	3993	1.00	0.8862	
35 Acrylonitrile	53	3.076	3.076	0.000	92	8871	10.0	8.30	
36 Hexane	57	3.161	3.155	0.006	91	4655	1.00	0.7758	
37 Isopropyl ether	45	3.356	3.356	0.000	96	11713	1.00	0.8637	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	97	6970	1.00	0.8989	
39 Vinyl acetate	86	3.399	3.393	0.006	99	1023	2.00	1.75	
40 2-Chloro-1,3-butadiene	88	3.430	3.423	0.007	90	3030	1.00	0.8038	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	91	9738	1.00	0.7985	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	231579	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.856	0.000	46	1234	1.00	0.8543	a
44 cis-1,2-Dichloroethene	96	3.875	3.875	0.000	95	4095	1.00	0.8684	
45 2-Butanone (MEK)	72	3.899	3.887	0.012	97	1409	5.00	5.18	
46 Ethyl acetate	70	3.917	3.887	0.030	91	570	2.00	2.00	a
47 Methyl acrylate	55	3.948	3.936	0.012	28	2116	1.00	0.8791	
48 Propionitrile	54	4.009	4.009	0.000	94	3378	10.0	10.3	
50 Tetrahydrofuran	72	4.076	4.088	-0.012	44	557	2.00	1.82	a
49 Chlorobromomethane	128	4.094	4.088	0.006	60	1730	1.00	0.8160	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	9887	10.0	8.42	
52 Chloroform	83	4.143	4.143	0.000	95	6091	1.00	0.8797	
53 Cyclohexane	84	4.265	4.265	0.000	65	5045	1.00	0.7919	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	65	4785	1.00	0.8394	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	177030	50.0	49.7	
56 Carbon tetrachloride	117	4.405	4.393	0.012	79	4002	1.00	0.8592	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	95	4773	1.00	0.8476	
58 Isobutyl alcohol	43	4.539	4.545	-0.006	61	2314	25.0	22.7	Ma
59 Isooctane	57	4.588	4.582	0.006	94	11288	1.00	0.7669	
60 Benzene	78	4.612	4.606	0.006	82	14848	1.00	0.8950	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	174248	50.0	48.0	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	80	9108	1.00	0.8246	
63 Isopropyl acetate	61	4.667	4.679	-0.012	84	1306	1.00	0.7804	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	71	3850	1.00	0.8544	
65 n-Heptane	100	4.746	4.771	-0.025	91	803	1.00	0.7973	a
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	759883	50.0	50.0	
67 n-Butanol	56	5.197	5.185	0.012	22	1021	25.0	18.1	M
68 Trichloroethene	95	5.228	5.228	0.000	96	3403	1.00	0.8179	
70 Ethyl acrylate	99	5.356	5.350	0.006	92	165	1.00	0.3254	M
69 Methylcyclohexane	83	5.356	5.356	0.000	86	6074	1.00	0.8464	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	88	3642	1.00	0.8500	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	25920	1000.0	1000.0	
73 Methyl methacrylate	100	5.606	5.594	0.012	84	1076	2.00	1.44	
75 1,4-Dioxane	88	5.624	5.618	0.006	36	1319	50.0	42.8	
74 Dibromomethane	93	5.624	5.630	-0.006	98	1889	1.00	0.9097	
76 n-Propyl acetate	43	5.649	5.649	0.000	98	3675	1.00	0.9432	
77 Dichlorobromomethane	83	5.789	5.783	0.006	97	3693	1.00	0.7926	
78 2-Nitropropane	41	6.112	6.106	0.006	76	1499	2.00	2.45	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	80	1538	1.00	0.8238	
80 Epichlorohydrin	57	6.216	6.216	0.000	95	3714	20.0	16.8	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	90	4650	1.00	0.7703	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.441	-0.006	97	4032	5.00	4.35	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	716155	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	95	16419	1.00	0.9432	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	97	4165	1.00	0.9073	
86 Ethyl methacrylate	69	6.978	6.972	0.006	87	2908	1.00	0.7651	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	74	2117	1.00	0.8385	
88 Tetrachloroethene	166	7.185	7.179	0.006	95	3477	1.00	0.8412	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	92	4050	1.00	0.8437	
90 2-Hexanone	43	7.417	7.417	0.000	95	5930	5.00	4.14	
91 n-Butyl acetate	43	7.538	7.538	0.000	97	3788	1.00	0.8859	
92 Chlorodibromomethane	129	7.563	7.575	-0.012	60	2496	1.00	0.8294	
93 Ethylene Dibromide	107	7.721	7.721	0.000	94	2337	1.00	0.8931	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	524030	50.0	50.0	
95 Chlorobenzene	112	8.307	8.301	0.006	96	9176	1.00	0.8668	
96 Ethylbenzene	106	8.410	8.410	0.000	98	4678	1.00	0.7794	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	91	2700	1.00	0.7494	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	5999	1.00	0.8361	
99 o-Xylene	106	9.087	9.087	0.000	93	5736	1.00	0.8079	
100 n-Butyl acrylate	73	9.087	9.087	0.000	54	1943	1.00	0.7943	
101 Styrene	104	9.117	9.124	-0.007	97	8184	1.00	0.7660	
102 Bromoform	173	9.367	9.367	0.000	42	1363	1.00	0.8481	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	90	3778	1.00	0.6954	
104 Isopropylbenzene	105	9.526	9.532	-0.006	95	13157	1.00	0.8394	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	93	217601	50.0	50.1	
106 Bromobenzene	156	9.898	9.898	0.000	98	3580	1.00	0.7908	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	96	3356	1.00	0.9504	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	17809	1.00	0.8671	
109 1,2,3-Trichloropropane	110	10.020	10.014	0.006	95	1025	1.00	1.03	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	41	294	1.00	0.4048	Ma
111 2-Chlorotoluene	91	10.105	10.099	0.006	97	13103	1.00	0.8957	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	14822	1.00	0.8563	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	0.000	95	11047	1.00	0.7795	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	12728	1.00	0.8898	
115 Butyl Methacrylate	87	10.318	10.318	0.000	91	2568	1.00	0.4262	
116 tert-Butylbenzene	119	10.507	10.507	0.000	92	9402	1.00	0.7790	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	96	12707	1.00	0.8525	
118 sec-Butylbenzene	105	10.721	10.721	0.000	98	14916	1.00	0.8110	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	93	7568	1.00	0.8647	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	13225	1.00	0.8382	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	290497	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	95	7858	1.00	0.8712	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	14300	1.00	0.9043	
124 Benzyl chloride	91	11.087	11.087	0.000	97	4152	1.00	0.6817	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	96	12637	1.00	0.8410	
126 p-Diethylbenzene	119	11.215	11.215	0.000	91	8392	1.00	0.8062	
127 n-Butylbenzene	92	11.233	11.239	-0.006	96	7016	1.00	0.7759	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	7646	1.00	0.9097	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	12032	1.00	0.8141	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	15	330	1.00	0.9342	
131 1,3,5-Trichlorobenzene	180	12.080	12.086	-0.006	95	6866	1.00	0.9061	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	5977	1.00	0.8497	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	93	3166	1.00	0.8239	
134 Naphthalene	128	12.769	12.769	0.000	99	10122	1.00	0.8875	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	92	4990	1.00	0.8024	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.75	
S 137 Xylenes, Total	100				0		2.00	1.64	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.68	
S 140 Total BTEX	1				0		5.00	4.26	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00024	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	10.00	Units: uL	
14DIOXINTER_00173	Amount Added:	30.00	Units: uL	
GASES Li_00604	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:37 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D

Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17

Lims ID: STD1

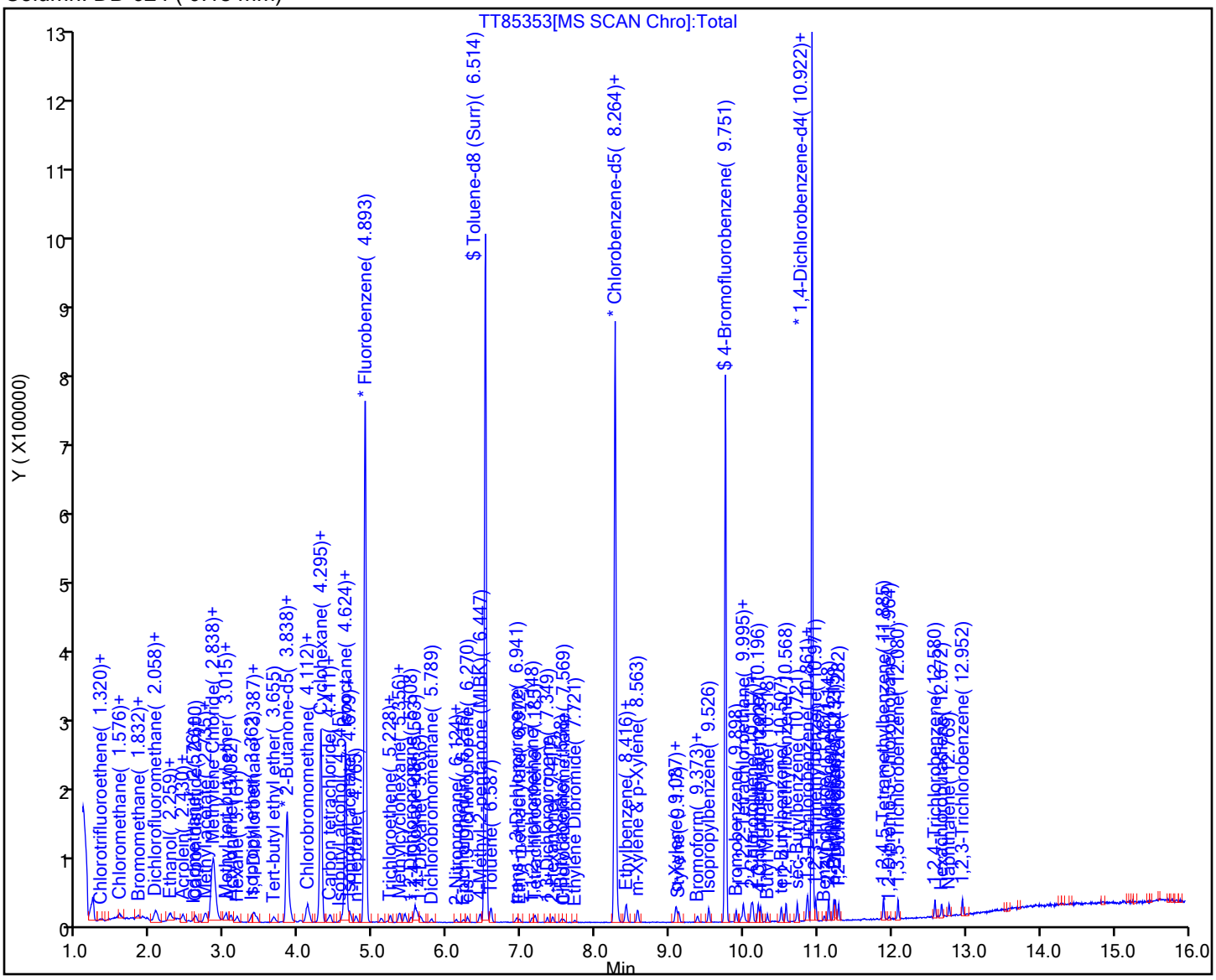
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

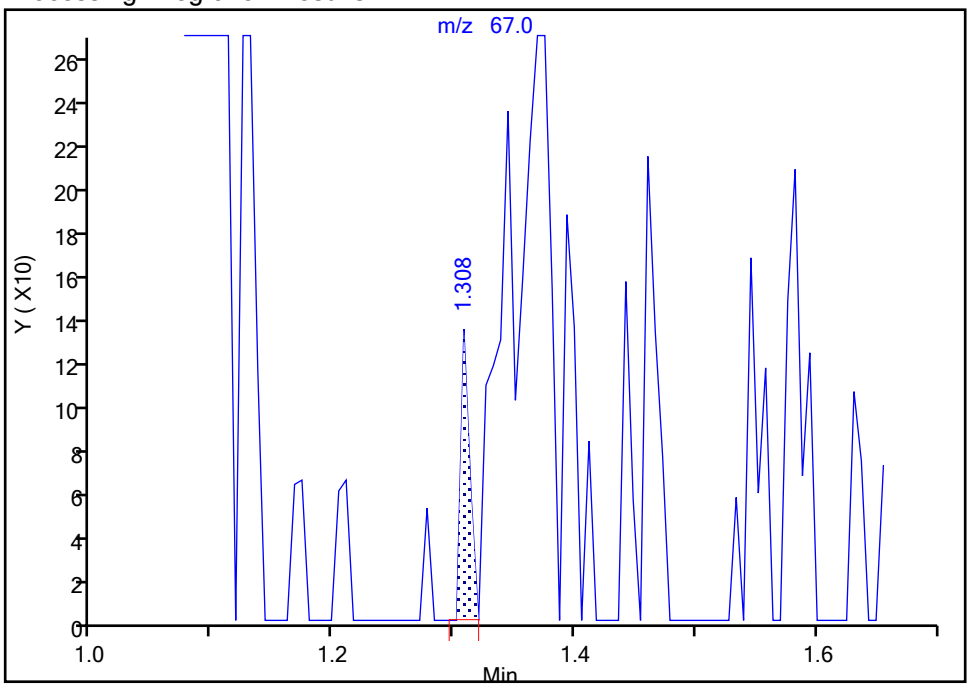
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

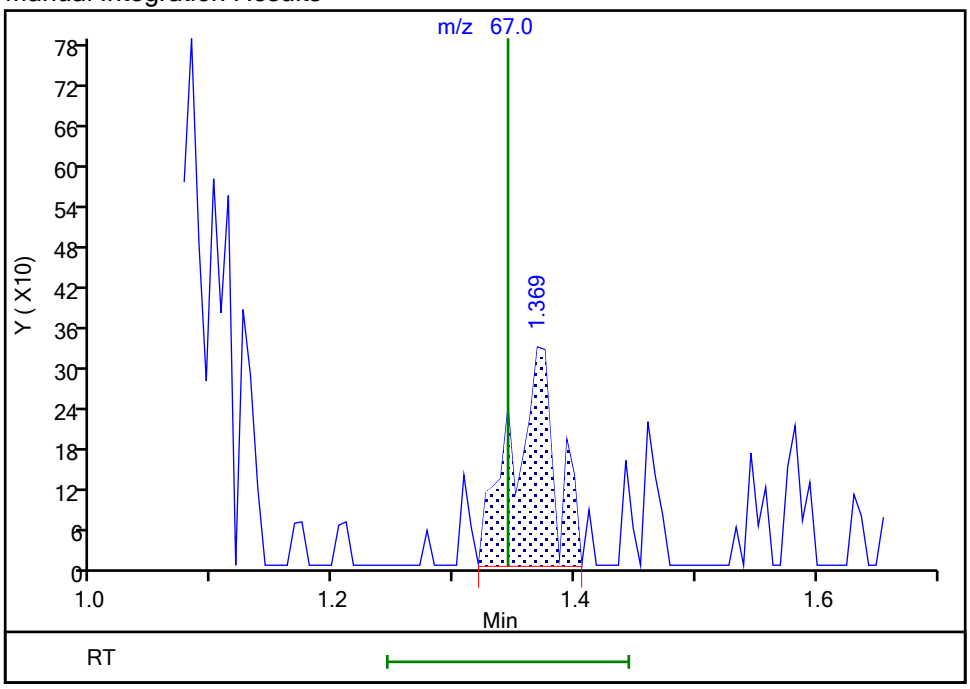
Processing Integration Results

RT: 1.31
Area: 70
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 806
Amount: 1.115724
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:27:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

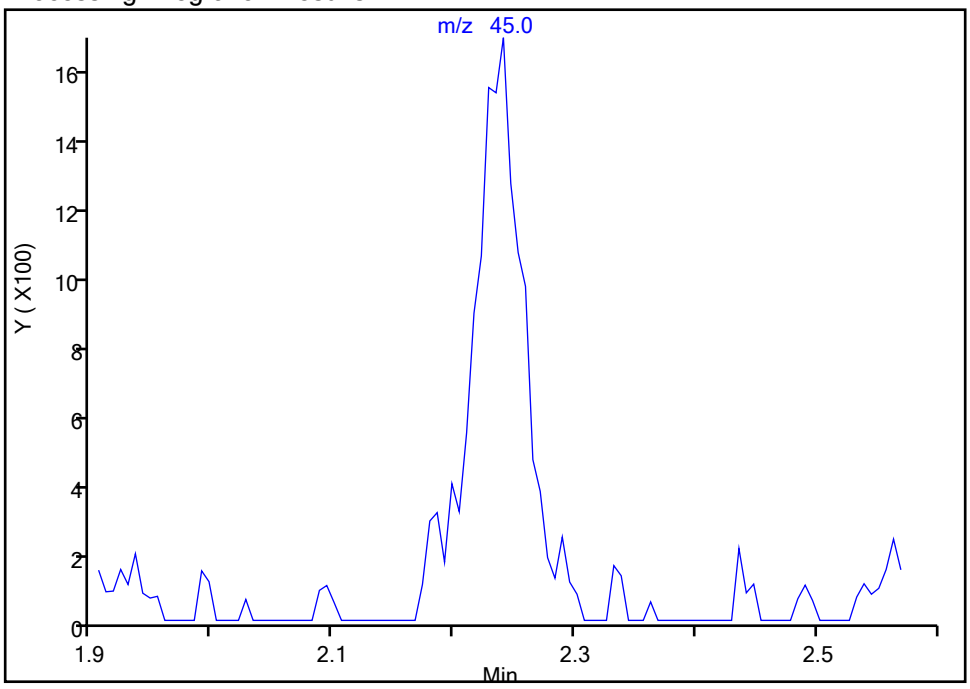
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

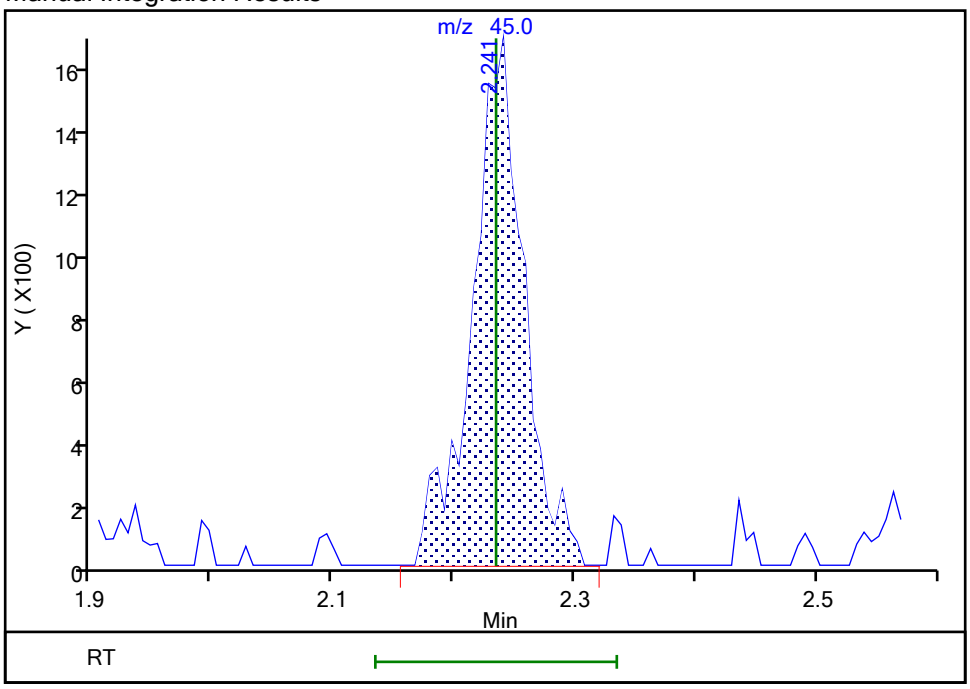
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 4962
Amount: 9.854563
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:27:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

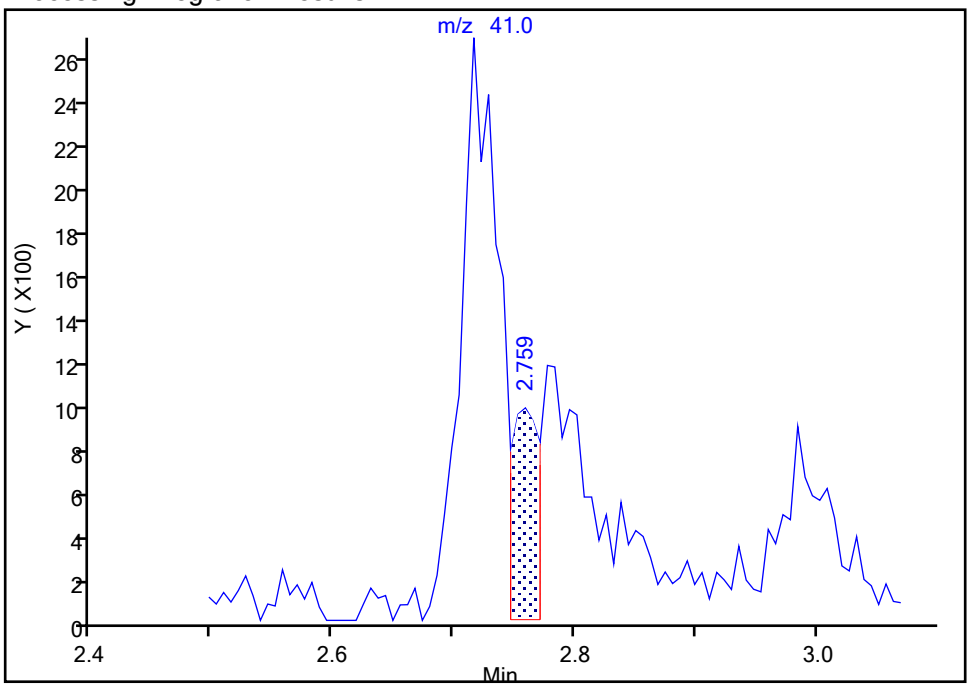
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

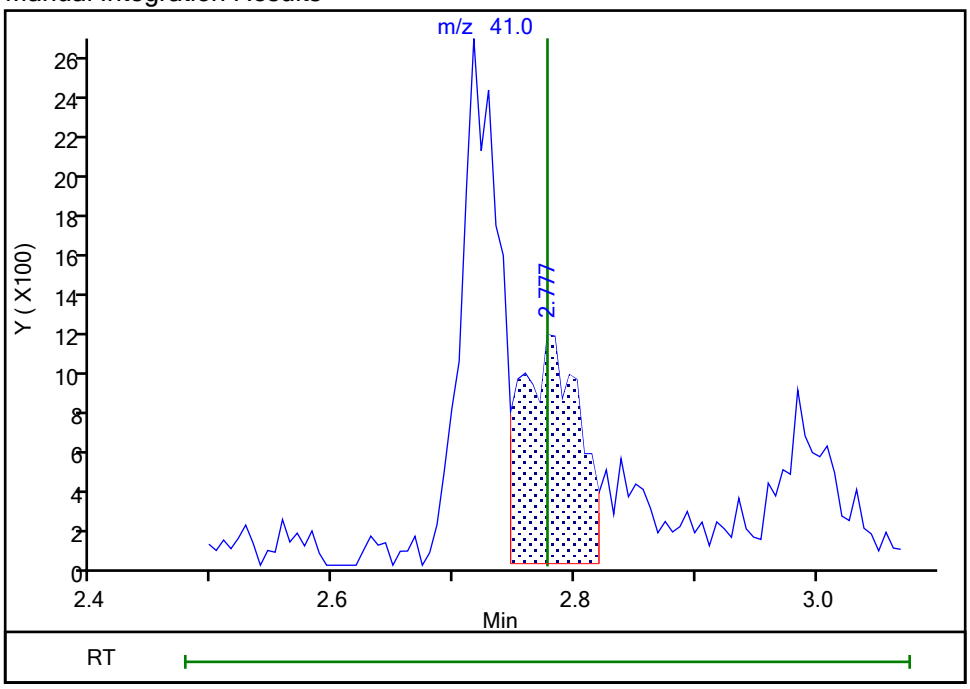
Processing Integration Results

RT: 2.76
Area: 1619
Amount: 3.367254
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 3998
Amount: 11.674787
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:28:04 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

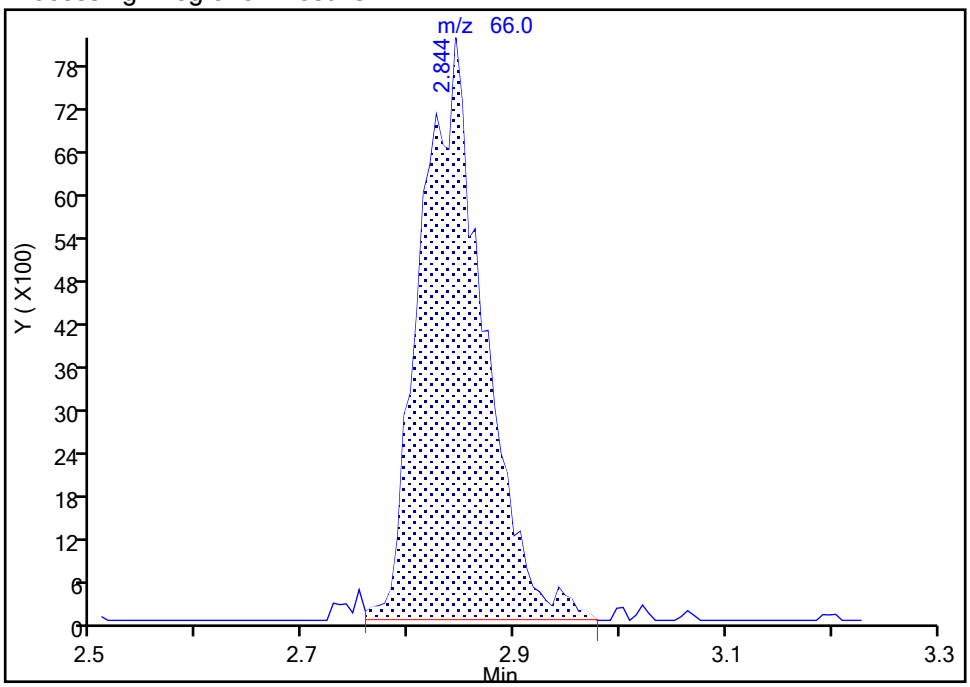
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

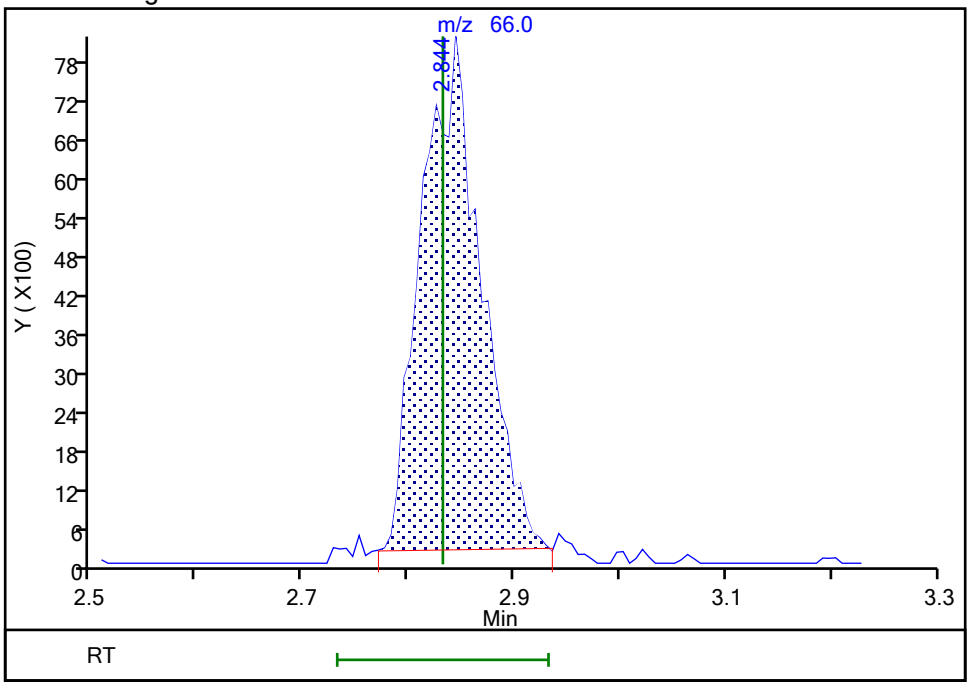
Processing Integration Results

RT: 2.84
Area: 33887
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 31015
Amount: 1000.0000
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:29:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

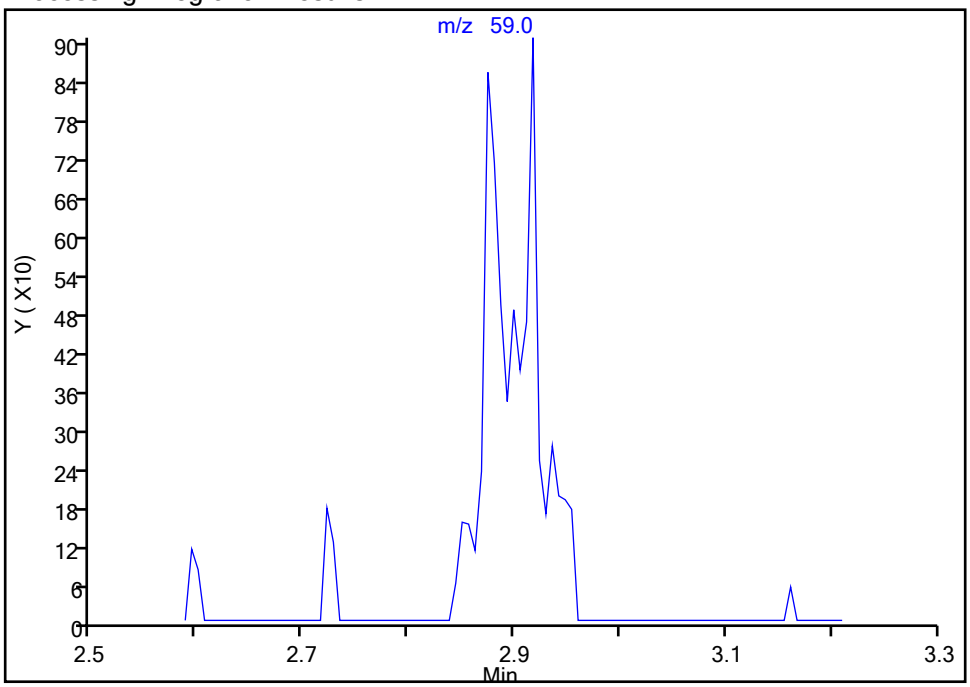
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

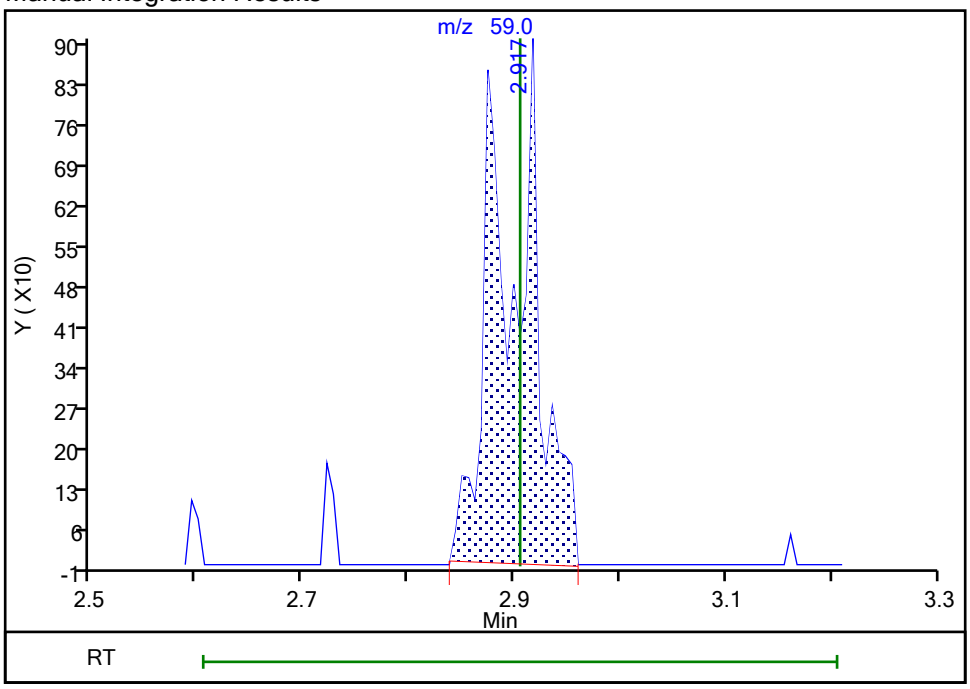
Not Detected
Expected RT: 2.91

Processing Integration Results



Manual Integration Results

RT: 2.92
Area: 2395
Amount: 10.291515
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:29:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

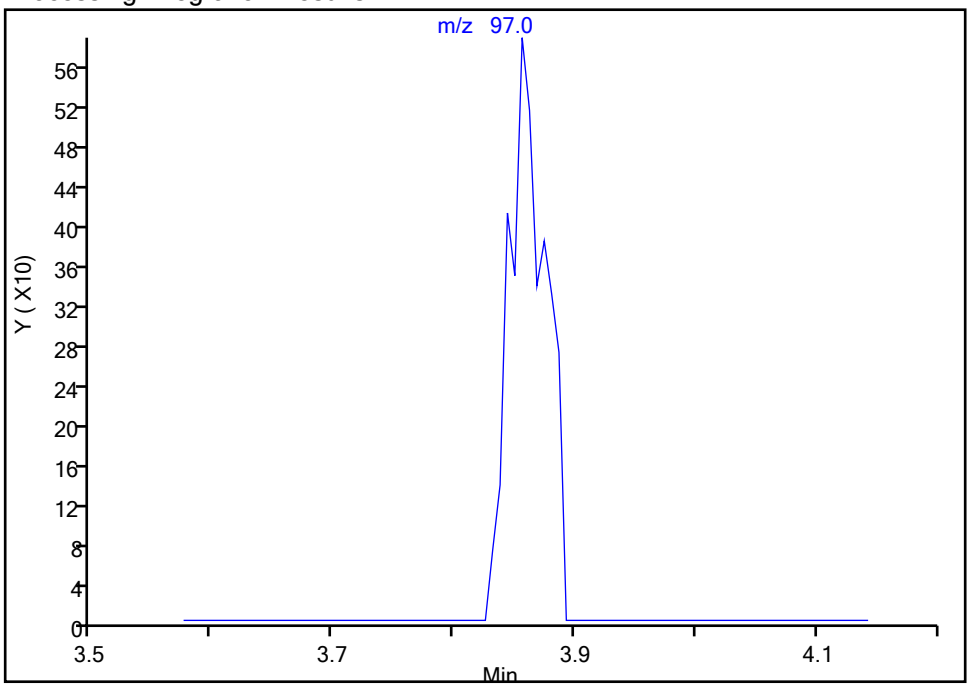
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

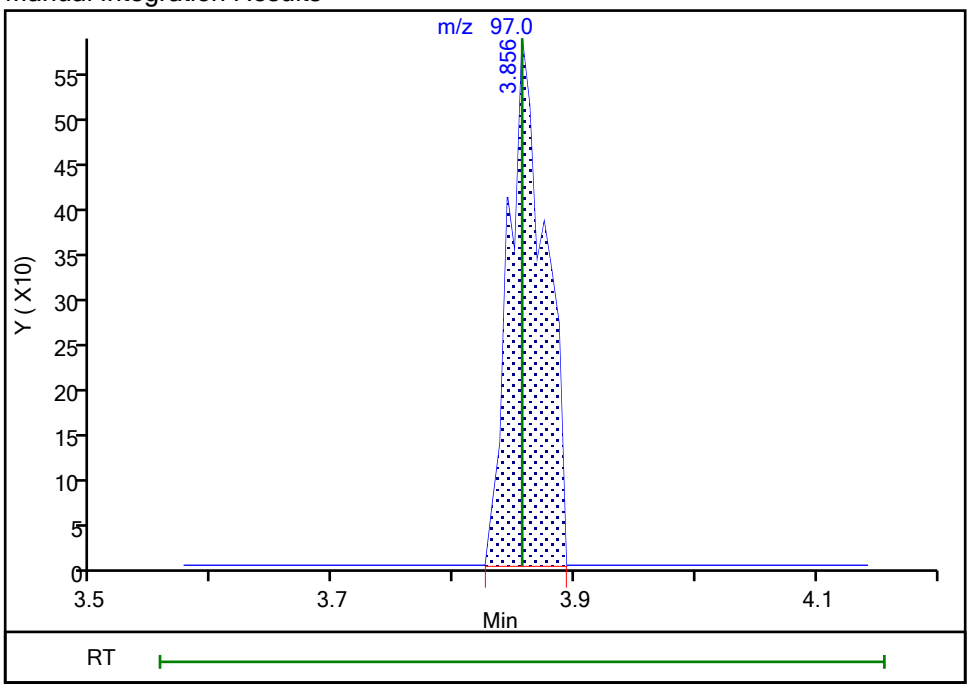
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 1234
Amount: 0.854322
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:28:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

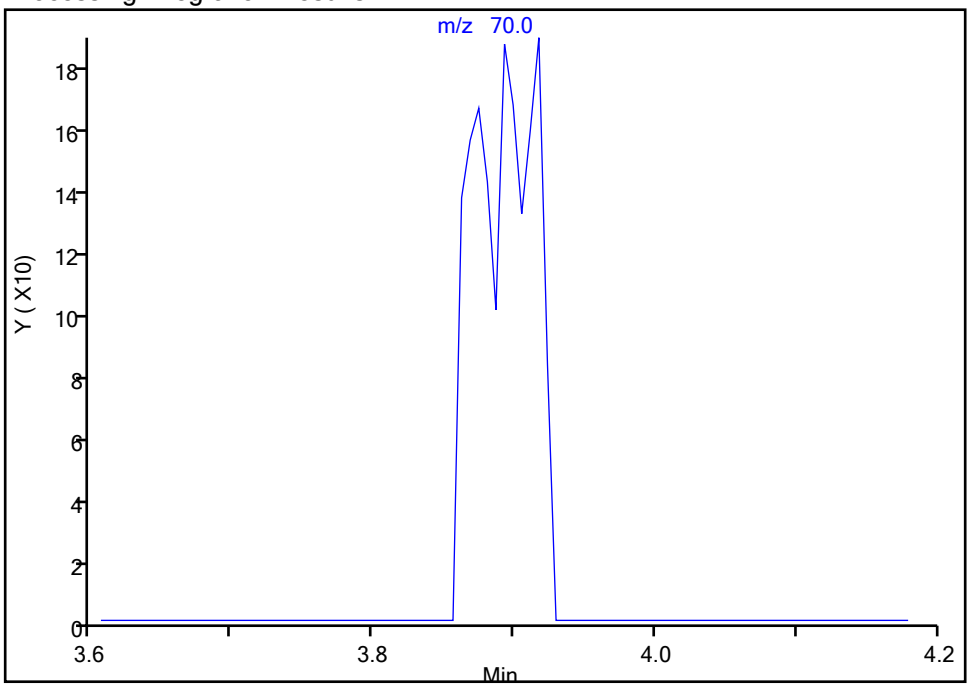
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

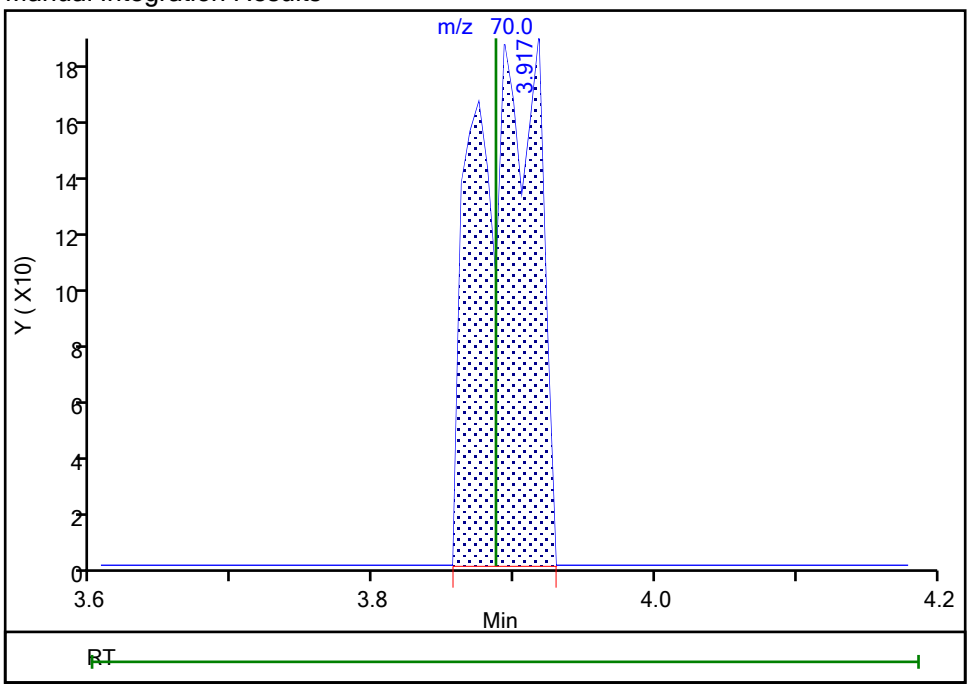
Not Detected
Expected RT: 3.89

Processing Integration Results



Manual Integration Results

RT: 3.92
Area: 570
Amount: 2.004592
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:28:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

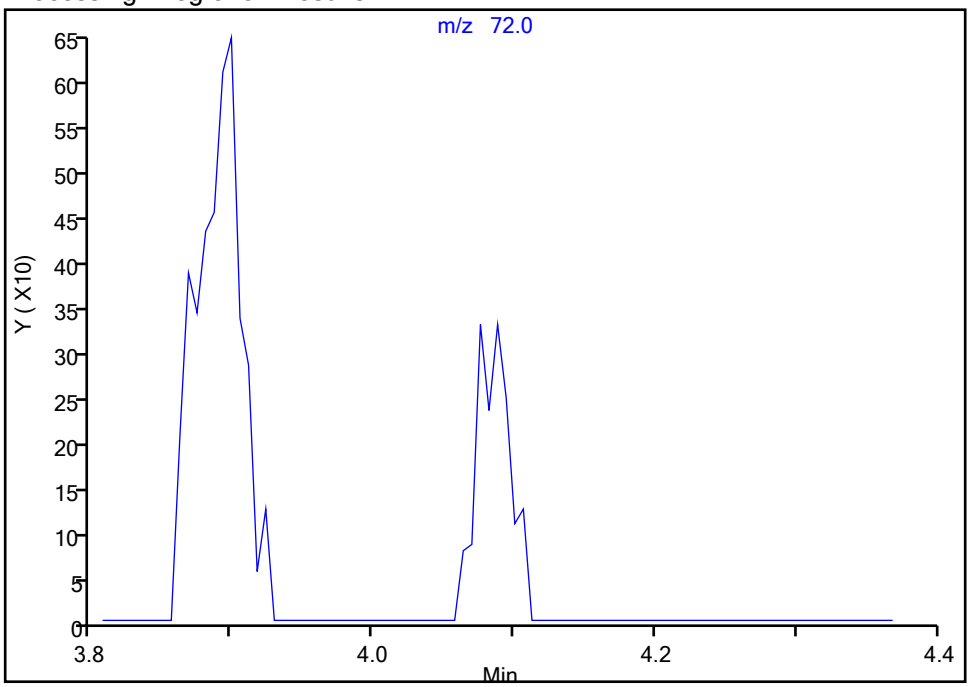
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

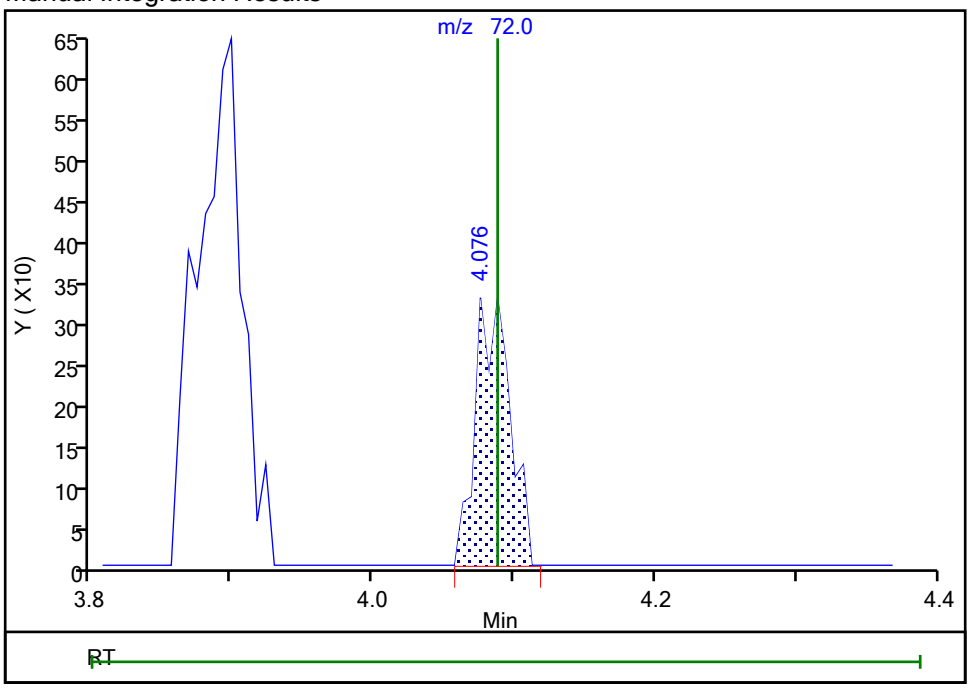
Not Detected
Expected RT: 4.09

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 557
Amount: 1.820361
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:29:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

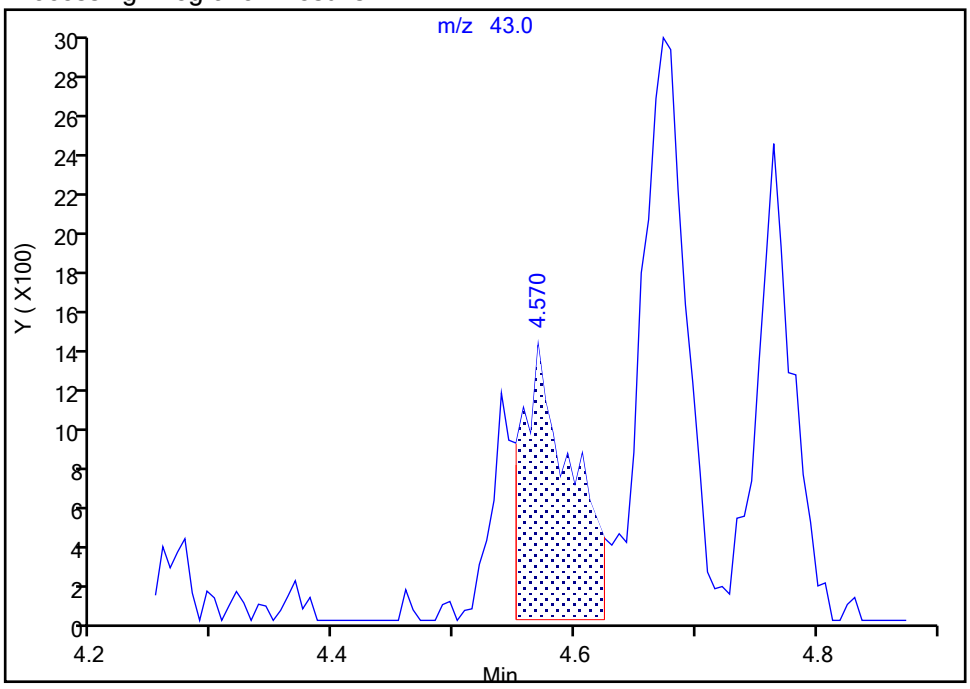
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

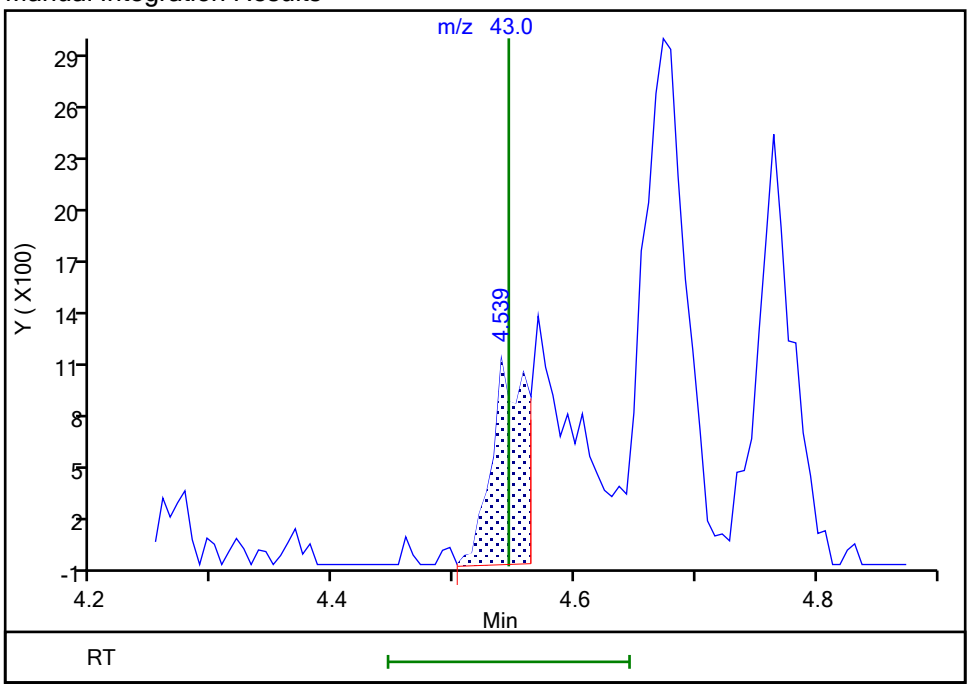
Processing Integration Results

RT: 4.57
Area: 3983
Amount: 31.062049
Amount Units: ug/l



Manual Integration Results

RT: 4.54
Area: 2314
Amount: 22.702525
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:51:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison

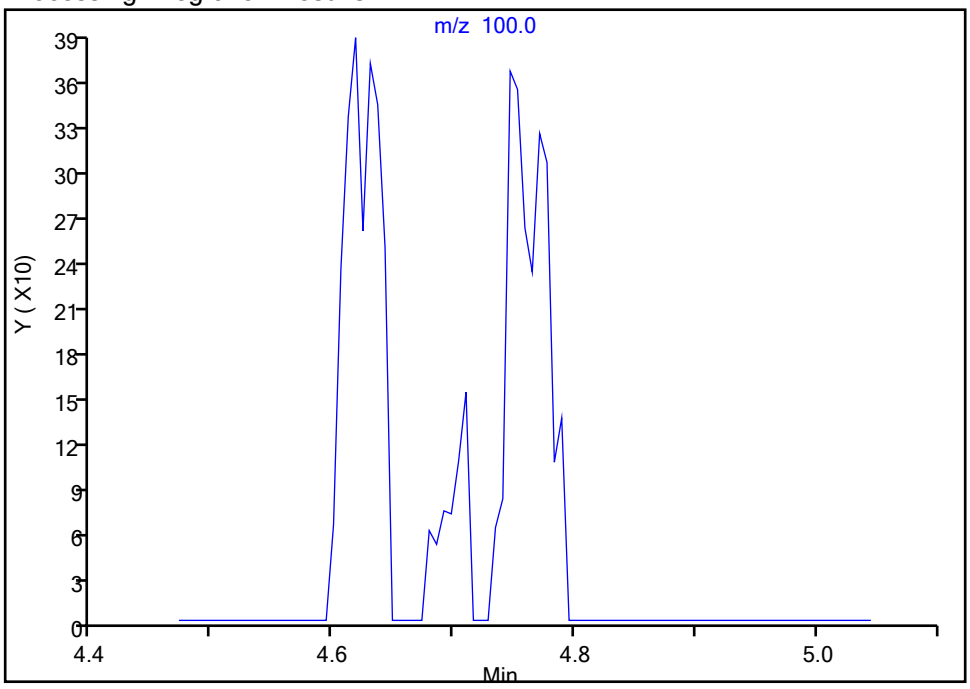
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

65 n-Heptane, CAS: 142-82-5

Signal: 1

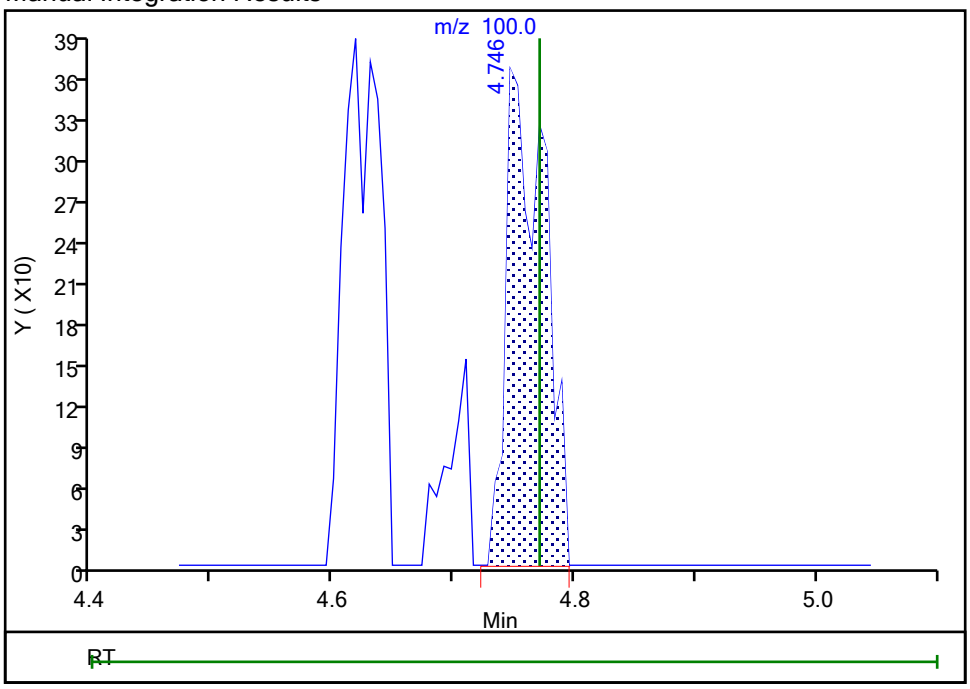
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.75
Area: 803
Amount: 0.797314
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:28:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

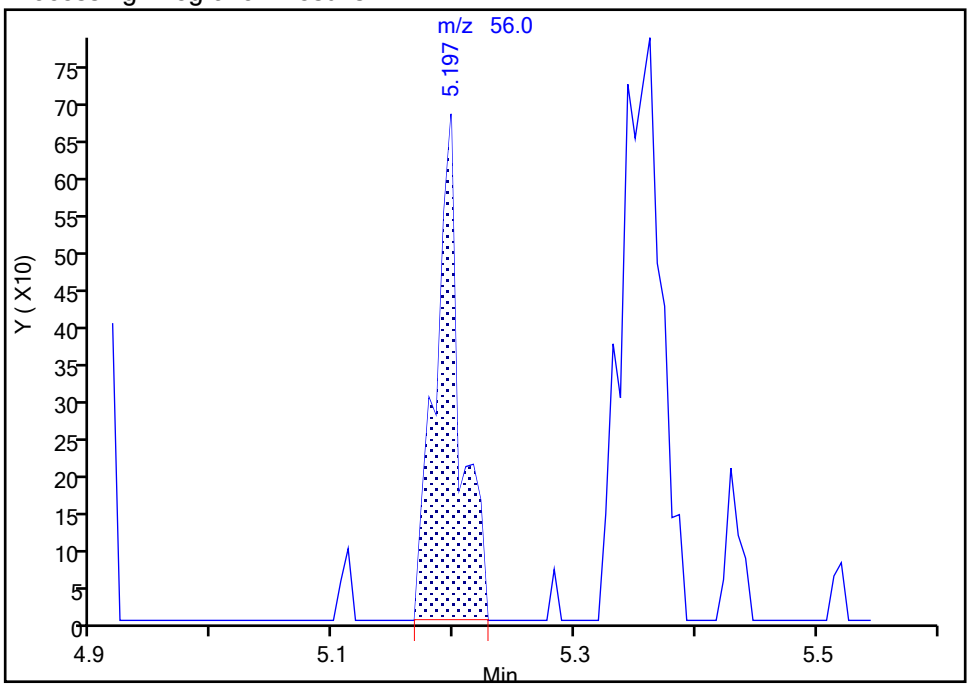
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

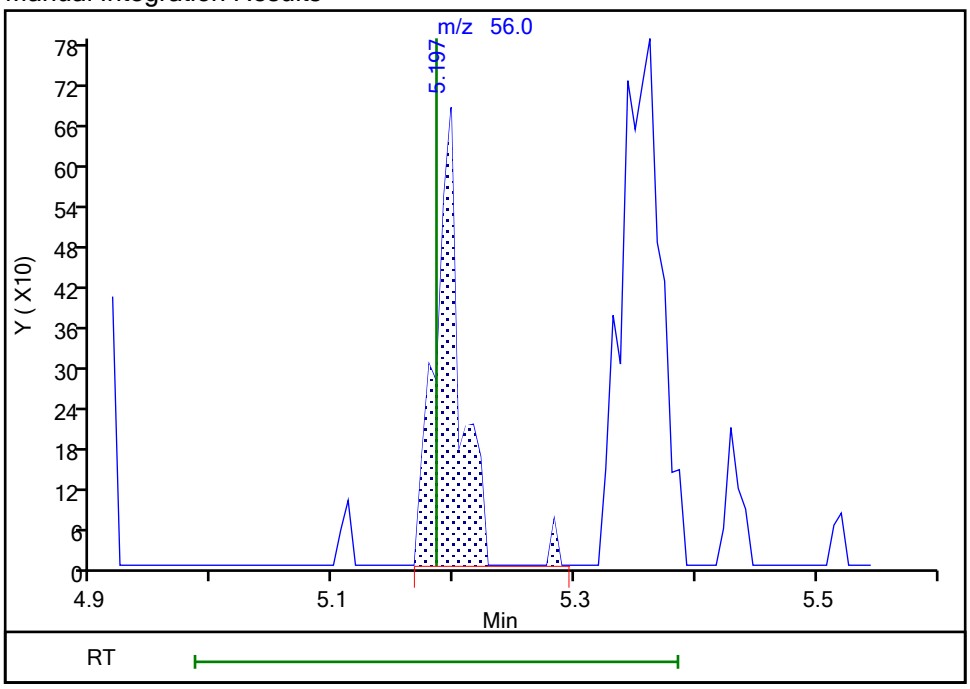
Processing Integration Results

RT: 5.20
Area: 995
Amount: 16.292301
Amount Units: ug/l



Manual Integration Results

RT: 5.20
Area: 1021
Amount: 18.062400
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:28:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

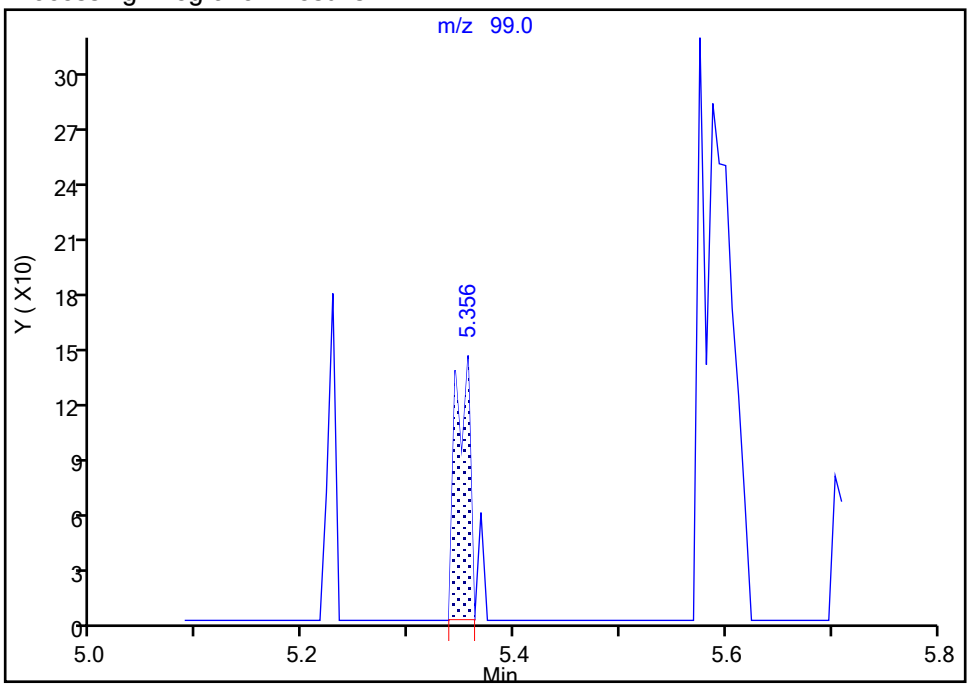
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

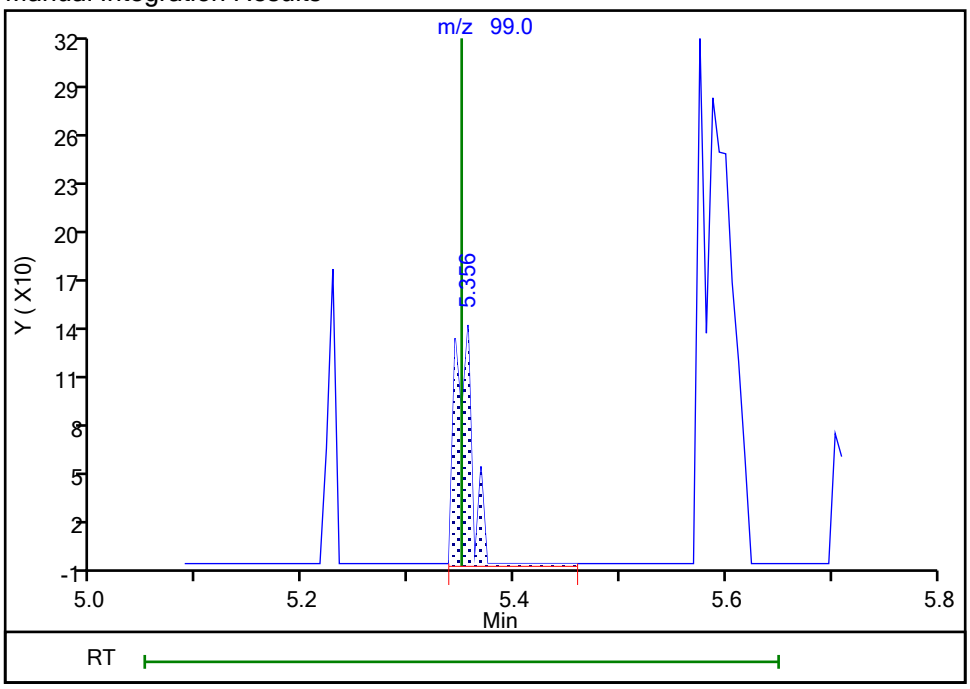
Processing Integration Results

RT: 5.36
Area: 136
Amount: 0.308045
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 165
Amount: 0.325388
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:17:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

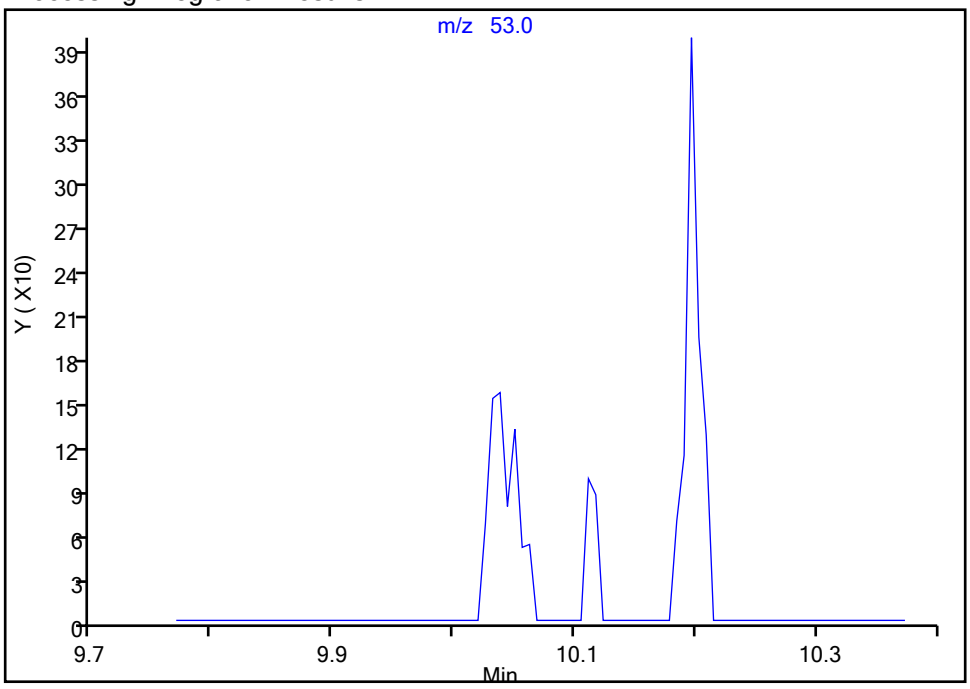
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85353.D
Injection Date: 20-Sep-2024 11:43:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

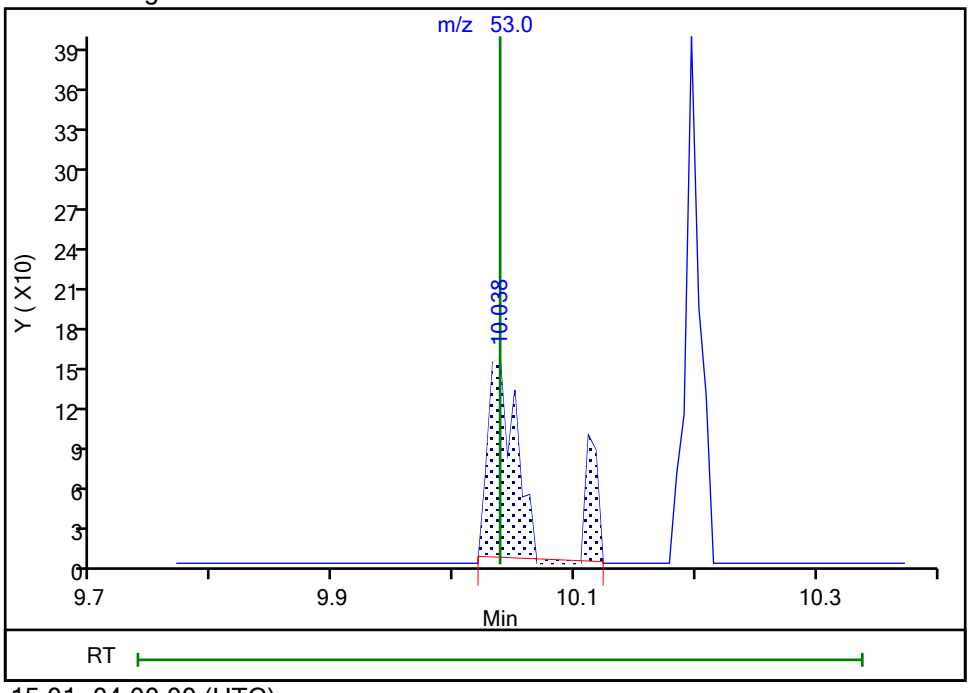
Not Detected
Expected RT: 10.04

Processing Integration Results



Manual Integration Results

RT: 10.04
Area: 294
Amount: 0.404772
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:15:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Sep-2024 12:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0181138-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:43 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 12:51:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.210	0.013	27	827	5.00	7.44	Ma
3 Chlorotrifluoroethene	116	1.302	1.290	0.012	50	5516	5.00	4.77	
2 1,1-Difluoroethane	65	1.320	1.308	0.012	98	10015	5.00	4.89	
4 Dichlorodifluoromethane	85	1.326	1.320	0.006	96	18923	5.00	4.68	
5 Chlorodifluoromethane	67	1.351	1.345	0.006	96	3353	5.00	4.72	
6 Chloromethane	50	1.497	1.497	0.000	97	24981	5.00	5.07	
7 Vinyl chloride	62	1.564	1.558	0.006	97	23304	5.00	4.93	
8 Butadiene	54	1.582	1.576	0.006	94	25006	5.00	4.92	
9 Bromomethane	94	1.820	1.820	0.000	96	17091	5.00	5.05	
10 Chloroethane	64	1.881	1.881	0.000	98	14350	5.00	5.41	
11 Dichlorofluoromethane	67	2.052	2.040	0.012	98	41187	5.00	5.02	
12 Trichlorofluoromethane	101	2.064	2.046	0.018	48	25451	5.00	4.90	
13 Pentane	72	2.064	2.064	0.000	98	6628	10.0	9.82	
14 Ethanol	46	2.228	2.204	0.024	86	2721	200.0	208.6	
15 Ethyl ether	74	2.235	2.235	0.000	87	13146	5.00	5.22	
25 Isopropyl alcohol	45	2.241	2.235	0.006	76	19423	50.0	52.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	16690	5.00	4.72	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.296	0.006	85	15385	5.00	4.33	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	86	26311	5.00	4.77	
19 Acrolein	56	2.399	2.393	0.006	89	10471	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.430	2.418	0.012	52	18706	5.00	5.08	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	97	19172	5.00	4.95	
22 Acetone	43	2.503	2.503	0.000	87	15054	25.0	20.9	
23 Iodomethane	142	2.570	2.570	0.000	95	33122	5.00	4.84	
24 Carbon disulfide	76	2.606	2.600	0.006	99	71586	5.00	4.99	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	94	13305	5.00	4.80	
27 Methyl acetate	43	2.728	2.722	0.006	62	18863	10.0	9.19	
28 Cyclopentene	67	2.747	2.735	0.012	93	42530	5.00	4.77	
29 Acetonitrile	41	2.783	2.777	0.006	90	18869	50.0	53.2	a
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	32659	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	66	23406	5.00	4.97	
32 2-Methyl-2-propanol	59	2.905	2.905	0.000	91	12963	50.0	52.9	a
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	97	48734	5.00	4.81	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	20930	5.00	4.72	
35 Acrylonitrile	53	3.076	3.076	0.000	94	51540	50.0	49.0	
36 Hexane	57	3.155	3.155	0.000	93	26857	5.00	4.55	
37 Isopropyl ether	45	3.356	3.356	0.000	98	66900	5.00	5.01	
38 1,1-Dichloroethane	63	3.393	3.381	0.012	98	36313	5.00	4.76	
39 Vinyl acetate	86	3.399	3.393	0.006	100	6304	10.0	10.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	88	17413	5.00	4.69	
41 Tert-butyl ethyl ether	59	3.661	3.655	0.006	89	59021	5.00	4.92	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	239870	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.856	0.012	92	6625	5.00	4.66	a
44 cis-1,2-Dichloroethene	96	3.875	3.875	-0.001	95	22495	5.00	4.85	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	95	6673	25.0	23.7	
46 Ethyl acetate	70	3.893	3.887	0.006	95	3012	10.0	10.2	
47 Methyl acrylate	55	3.942	3.936	0.006	97	11423	5.00	4.82	
48 Propionitrile	54	4.009	4.009	0.000	97	17718	50.0	51.2	
50 Tetrahydrofuran	72	4.076	4.088	-0.012	51	3589	10.0	11.3	a
49 Chlorobromomethane	128	4.094	4.088	0.006	89	10024	5.00	4.81	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	55653	50.0	48.2	
52 Chloroform	83	4.143	4.143	0.000	98	33756	5.00	4.96	
53 Cyclohexane	84	4.271	4.265	0.006	90	30851	5.00	4.92	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	69	26984	5.00	4.81	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	175133	50.0	50.0	
56 Carbon tetrachloride	117	4.405	4.393	0.012	97	22627	5.00	4.94	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	96	27145	5.00	4.90	
58 Isobutyl alcohol	43	4.545	4.545	0.000	88	12655	125.0	117.9	a
59 Isooctane	57	4.588	4.582	0.006	97	72204	5.00	4.99	
60 Benzene	78	4.612	4.606	0.006	95	82023	5.00	4.99	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	173792	50.0	48.6	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	87	54233	5.00	4.99	
63 Isopropyl acetate	61	4.673	4.679	-0.006	88	8207	5.00	4.98	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	96	21941	5.00	4.95	
65 n-Heptane	100	4.771	4.771	0.000	93	4992	5.00	5.04	
* 66 Fluorobenzene	96	4.887	4.887	-0.001	99	747661	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	91	7210	125.0	121.1	
68 Trichloroethene	95	5.228	5.228	0.000	98	20045	5.00	4.90	
70 Ethyl acrylate	99	5.344	5.350	-0.006	94	2134	5.00	4.28	
69 Methylcyclohexane	83	5.356	5.356	0.000	86	34058	5.00	4.82	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	20726	5.00	4.92	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	23182	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.594	-0.006	90	6328	10.0	8.61	
75 1,4-Dioxane	88	5.618	5.618	0.000	51	3085	100.0	111.9	
74 Dibromomethane	93	5.630	5.630	0.000	96	9890	5.00	4.84	
76 n-Propyl acetate	43	5.642	5.649	-0.007	98	18093	5.00	4.72	
77 Dichlorobromomethane	83	5.783	5.783	0.000	97	22285	5.00	4.86	
78 2-Nitropropane	41	6.106	6.106	0.000	88	5193	10.0	8.62	
79 2-Chloroethyl vinyl ether	63	6.124	6.118	0.006	82	7891	5.01	4.30	
80 Epichlorohydrin	57	6.216	6.216	0.000	98	21397	100.0	93.3	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	90	28059	5.00	4.70	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	23643	25.0	24.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	700447	50.0	49.5	
84 Toluene	91	6.587	6.587	0.000	93	84430	5.00	4.90	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	92	22869	5.00	5.03	
86 Ethyl methacrylate	69	6.978	6.972	0.006	89	17318	5.00	4.60	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	95	12804	5.00	5.12	
88 Tetrachloroethene	166	7.185	7.179	0.006	96	20442	5.00	5.00	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	24766	5.00	5.21	
90 2-Hexanone	43	7.423	7.417	0.006	97	35935	25.0	24.2	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	19002	5.00	4.49	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	14703	5.00	4.93	
93 Ethylene Dibromide	107	7.715	7.721	-0.006	100	12256	5.00	4.73	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	518797	50.0	50.0	
95 Chlorobenzene	112	8.300	8.301	-0.001	95	51671	5.00	4.93	
96 Ethylbenzene	106	8.410	8.410	0.000	98	28999	5.00	4.88	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	16935	5.00	4.75	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	34256	5.00	4.82	
99 o-Xylene	106	9.087	9.087	0.000	95	34502	5.00	4.91	
100 n-Butyl acrylate	73	9.093	9.087	0.006	62	9707	5.00	4.01	
101 Styrene	104	9.123	9.124	-0.001	97	52198	5.00	4.93	
102 Bromoform	173	9.367	9.367	0.000	97	8398	5.00	4.61	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	92	23957	5.00	4.48	
104 Isopropylbenzene	105	9.526	9.532	-0.006	95	79468	5.00	5.12	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	93	217338	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	98	22377	5.00	5.02	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	97	16377	5.00	4.71	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	104582	5.00	5.17	
109 1,2,3-Trichloropropane	110	10.020	10.014	0.006	96	4806	5.00	4.91	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	58	2182	5.00	3.05	a
111 2-Chlorotoluene	91	10.105	10.099	0.006	95	72849	5.00	5.06	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	87278	5.00	5.12	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	0.000	93	70015	5.00	5.02	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	71027	5.00	5.04	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	18648	5.00	3.14	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	58330	5.00	4.91	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	97	74897	5.00	5.10	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	93659	5.00	5.17	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	95	44280	5.00	5.14	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	83093	5.00	5.35	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	286159	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	93	42758	5.00	4.81	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	79246	5.00	5.09	
124 Benzyl chloride	91	11.087	11.087	-0.001	99	27168	5.00	4.53	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	95	76036	5.00	5.14	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	51024	5.00	4.98	
127 n-Butylbenzene	92	11.233	11.239	-0.006	98	45442	5.00	5.10	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	43265	5.00	5.23	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	72464	5.00	4.98	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	93	2470	5.00	5.01	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	37238	5.00	4.99	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	92	34430	5.00	4.97	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	19202	5.00	5.07	
134 Naphthalene	128	12.769	12.769	0.000	99	55481	5.00	4.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	94	30531	5.00	4.98	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.57	
S 137 Xylenes, Total	100				0		10.0	9.73	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.73	
S 140 Total BTEX	1				0		25.0	24.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00024	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	10.00	Units: uL	
GASES Li_00604	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:43 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D

Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17

Lims ID: STD5

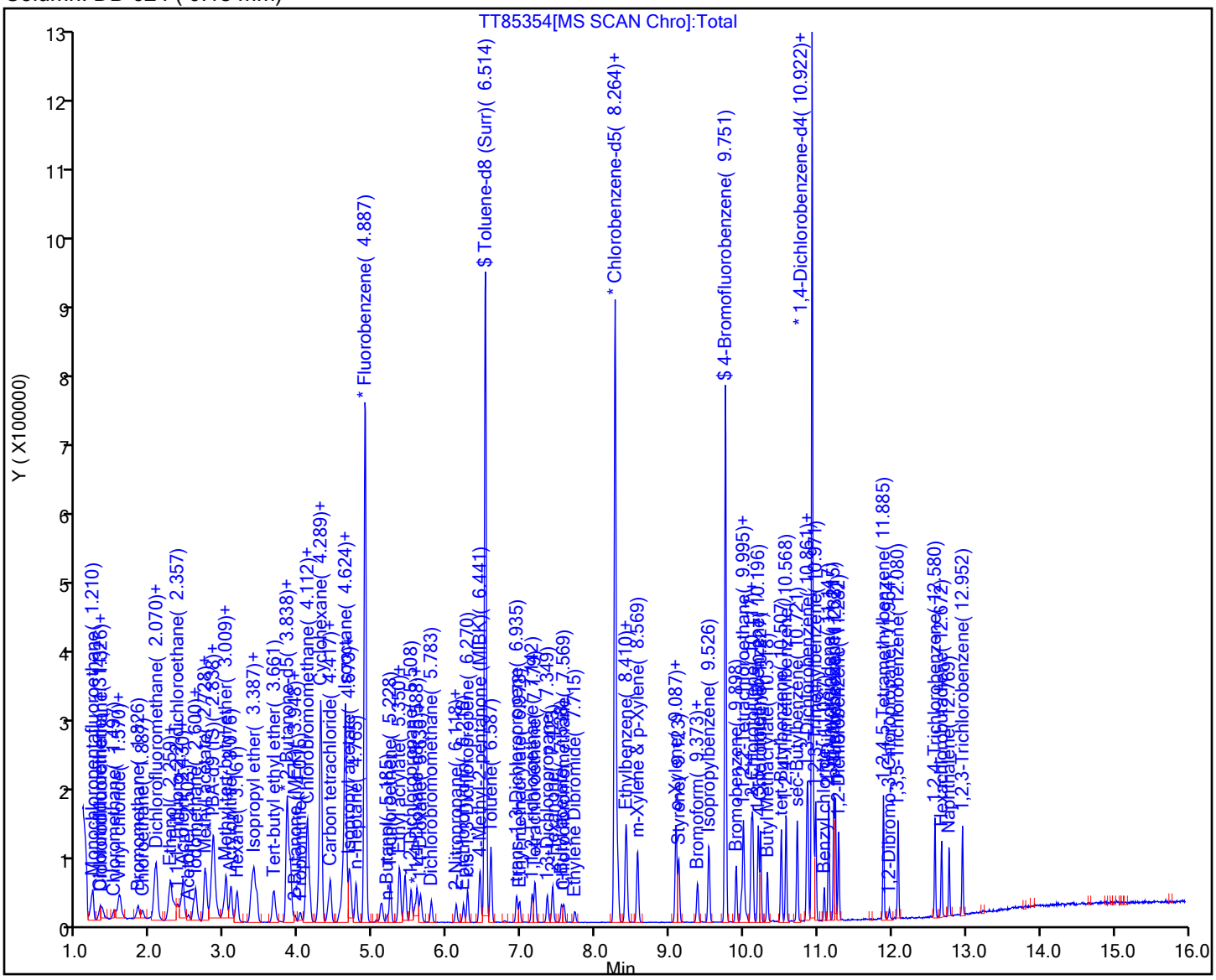
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

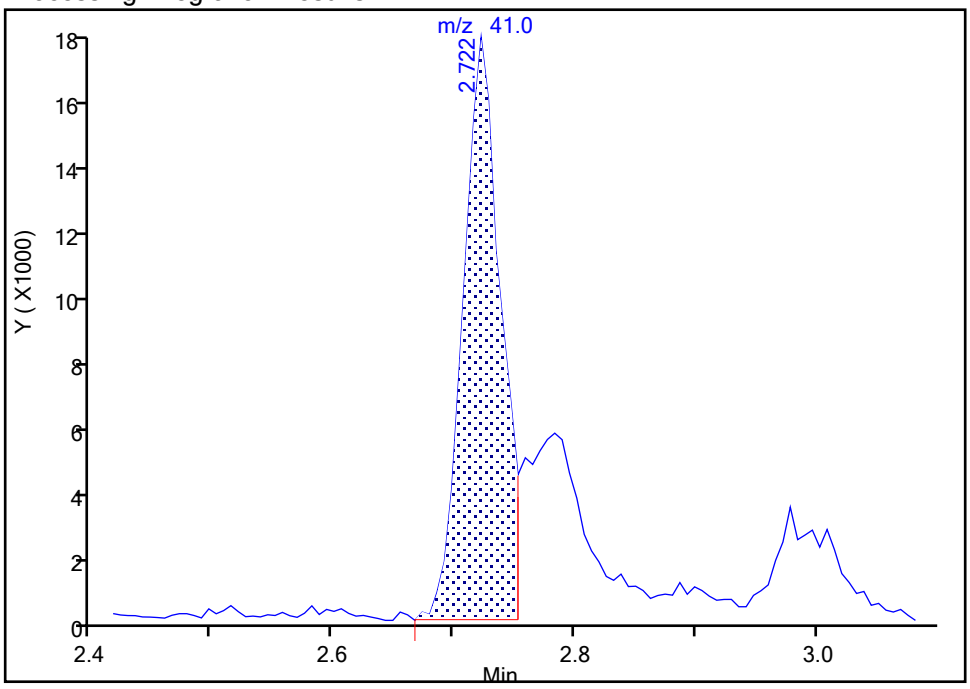
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

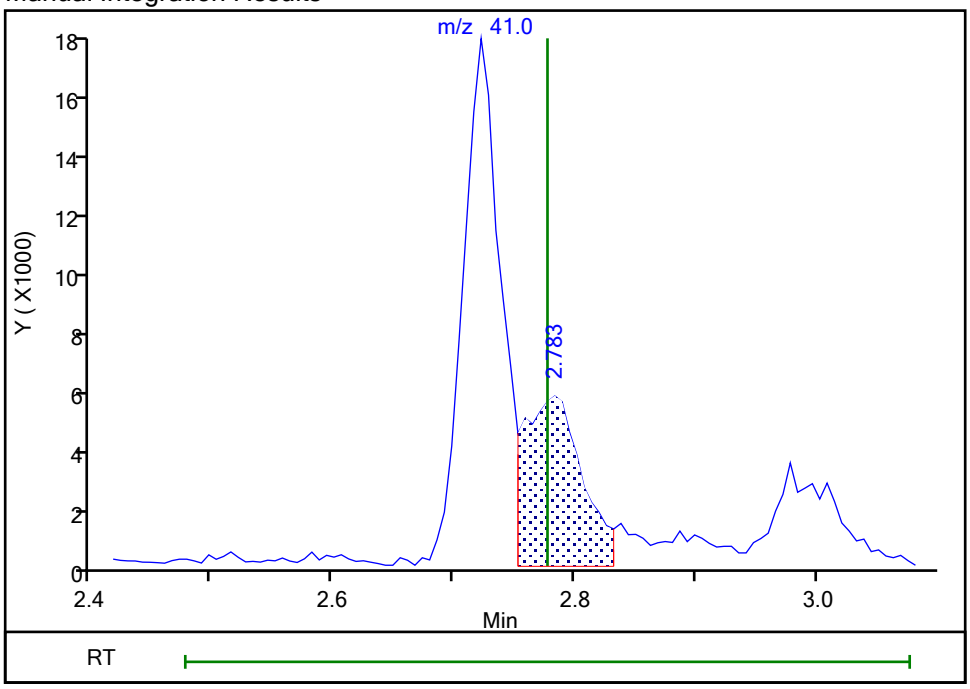
Processing Integration Results

RT: 2.72
Area: 37670
Amount: 66.940257
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 18869
Amount: 53.195919
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:50:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

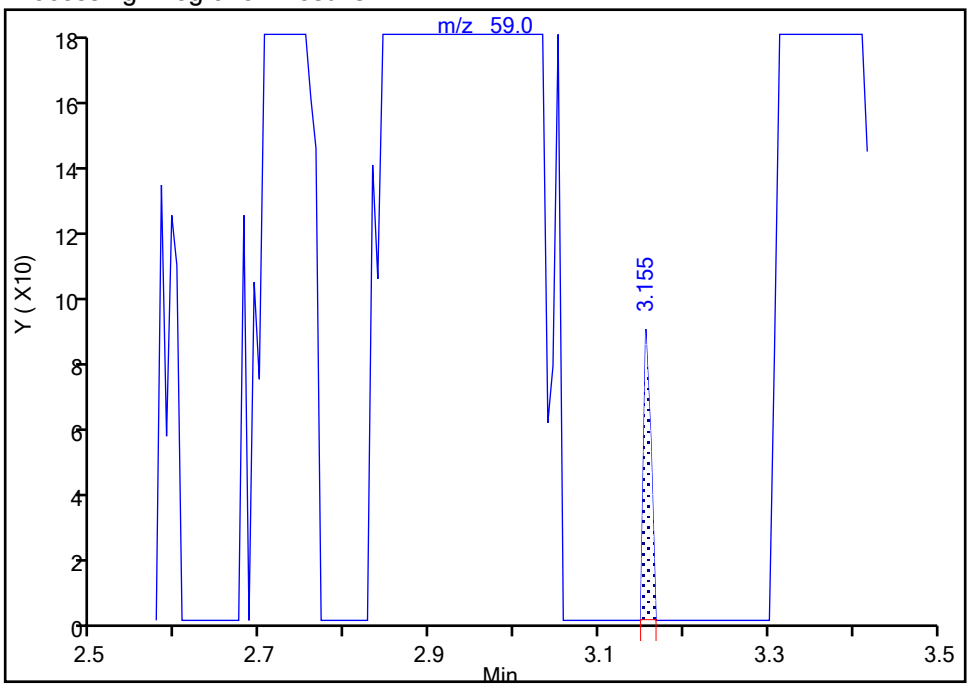
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

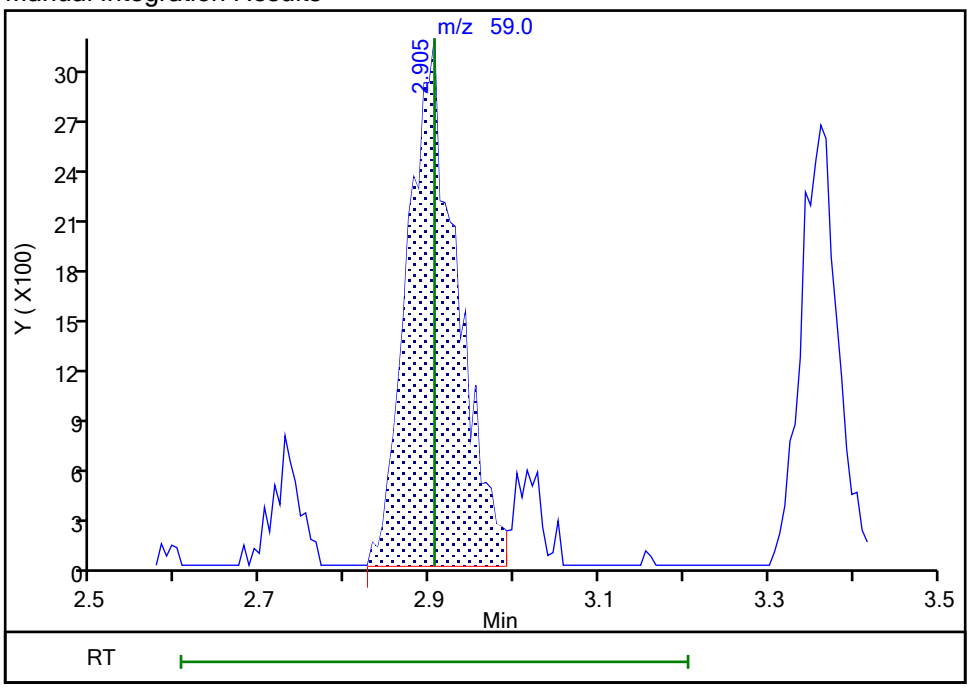
Processing Integration Results

RT: 3.16
Area: 52
Amount: 0.332634
Amount Units: ug/l



Manual Integration Results

RT: 2.91
Area: 12963
Amount: 52.899093
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:51:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

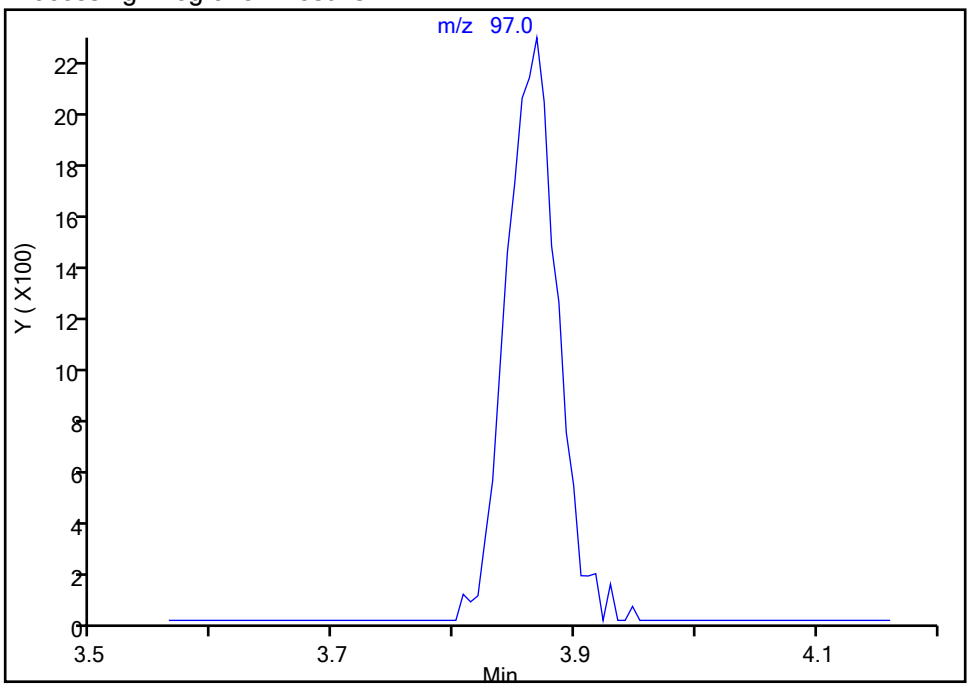
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

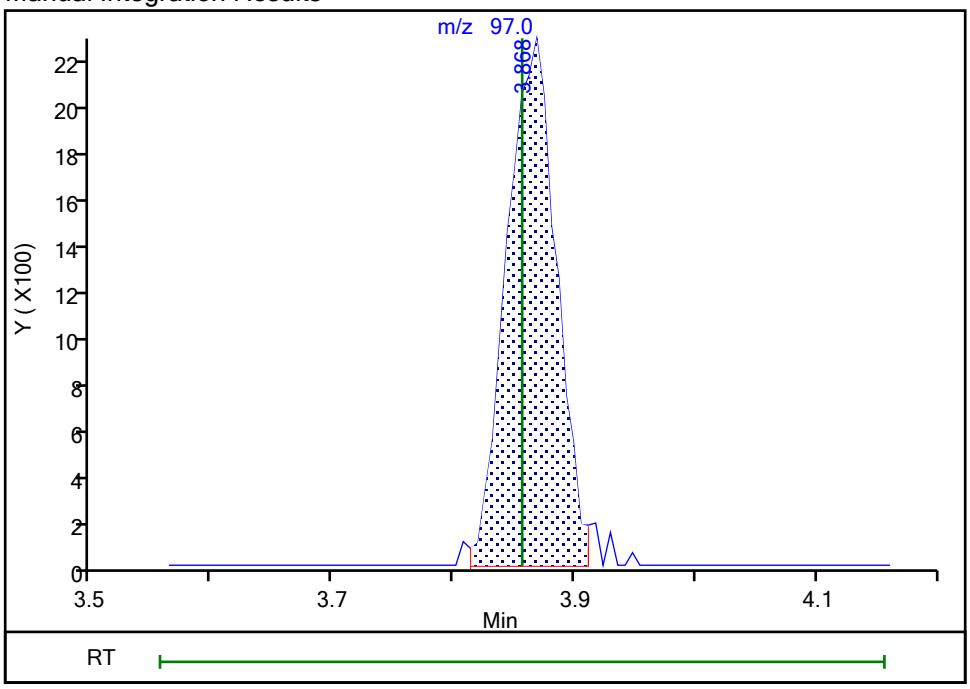
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 6625
Amount: 4.661591
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:51:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

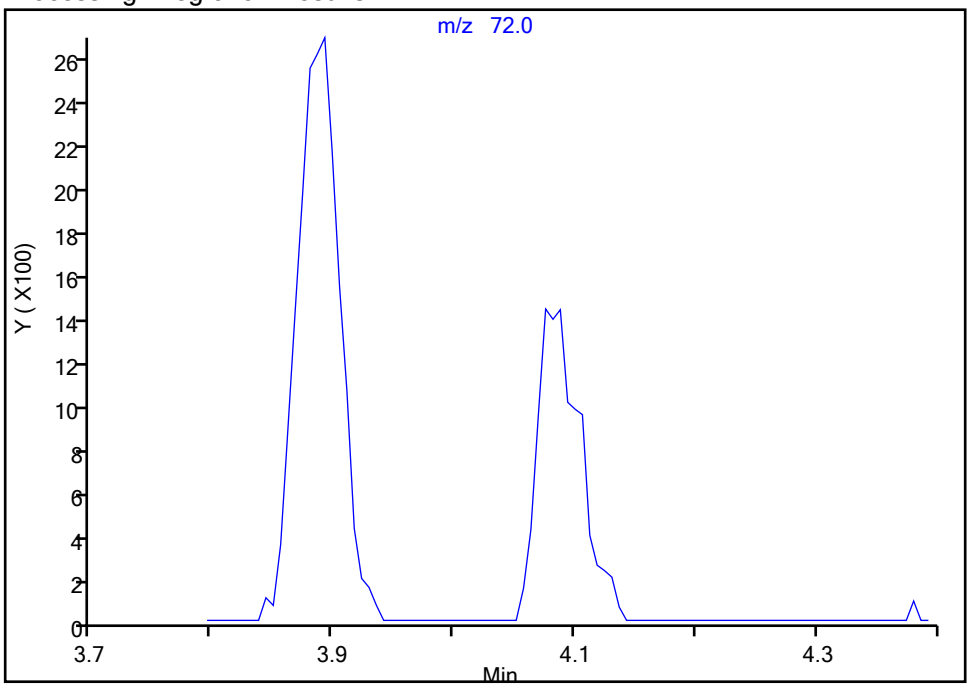
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

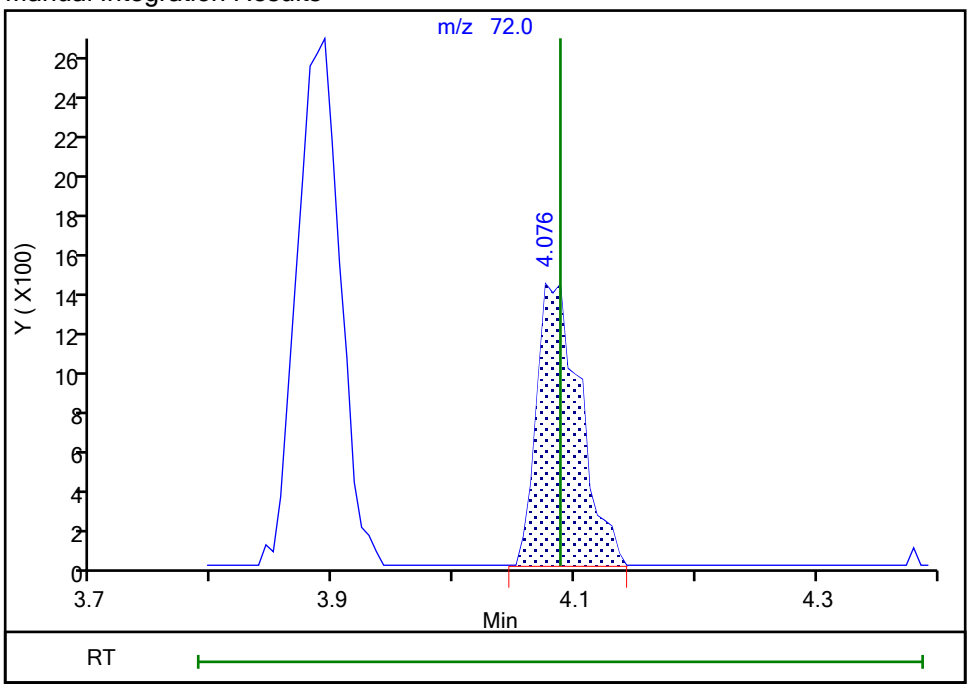
Not Detected
Expected RT: 4.09

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 3589
Amount: 11.323977
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:51:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

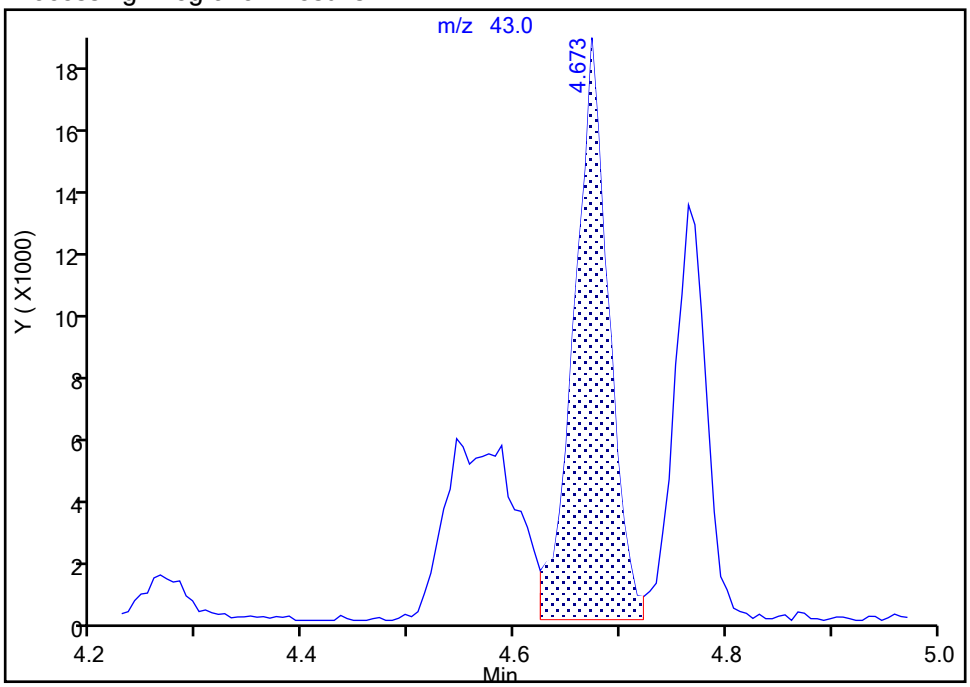
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

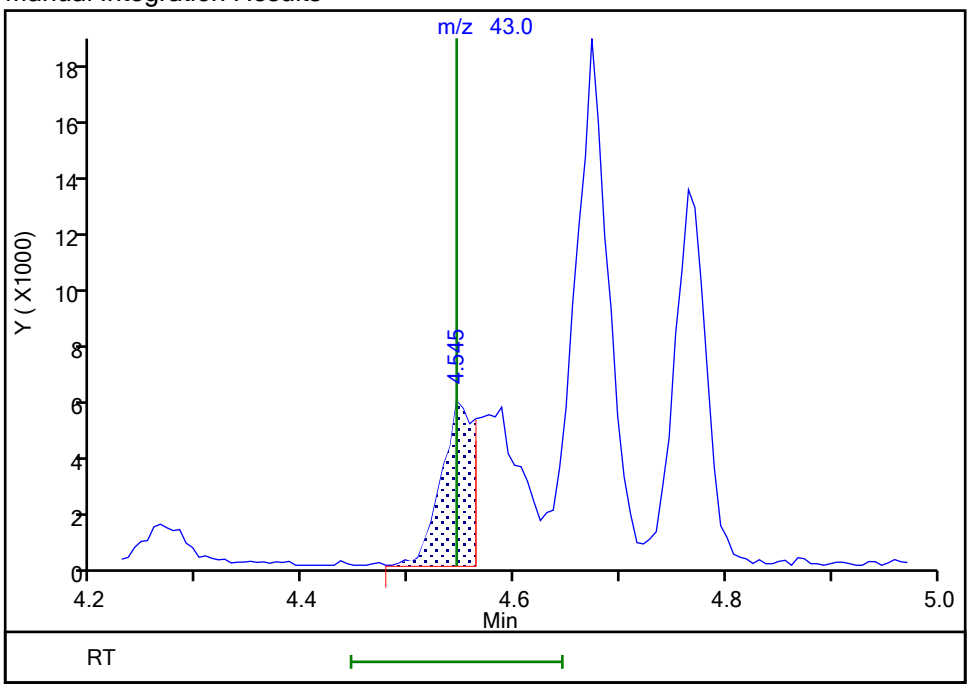
Processing Integration Results

RT: 4.67
Area: 42421
Amount: 210.3804
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 12655
Amount: 117.9076
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:51:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

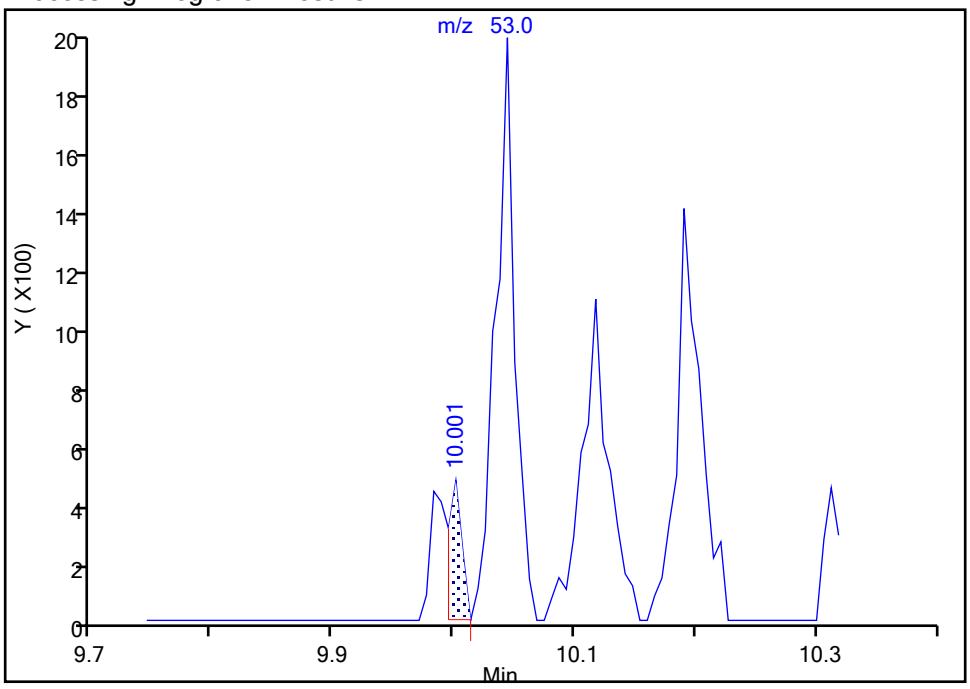
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85354.D
Injection Date: 20-Sep-2024 12:02:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

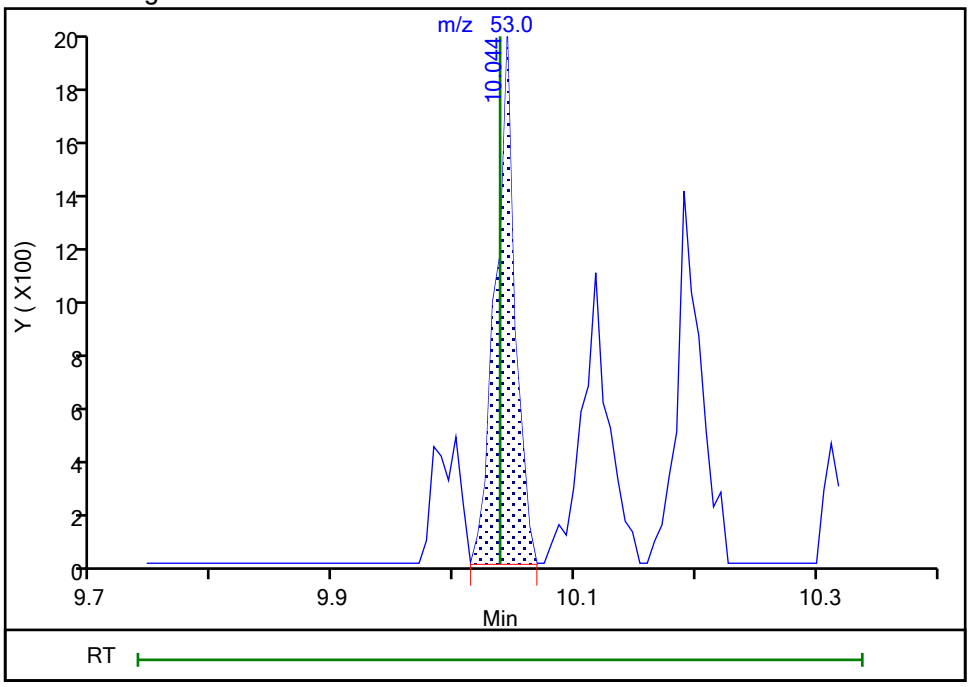
Processing Integration Results

RT: 10.00
Area: 364
Amount: 0.915004
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 2182
Amount: 3.047306
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:10:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 20-Sep-2024 12:22:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0181138-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:49 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: PUV6 Date: 20-Sep-2024 22:09:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.210	1.210	0.000	27	4103	20.0	31.7	Ma
3 Chlorotrifluoroethene	116	1.290	1.290	0.000	88	27135	20.0	24.1	
2 1,1-Difluoroethane	65	1.308	1.308	0.000	99	41983	20.0	21.0	
4 Dichlorodifluoromethane	85	1.320	1.320	0.000	91	86170	20.0	21.9	
5 Chlorodifluoromethane	67	1.345	1.345	0.000	97	14826	20.0	21.4	
6 Chloromethane	50	1.497	1.497	0.000	98	92114	20.0	19.2	
7 Vinyl chloride	62	1.558	1.558	0.000	97	93701	20.0	20.3	
8 Butadiene	54	1.576	1.576	0.000	95	100126	20.0	20.2	
9 Bromomethane	94	1.820	1.820	0.000	98	68857	20.0	20.9	
10 Chloroethane	64	1.881	1.881	0.000	99	55594	20.0	21.5	
11 Dichlorofluoromethane	67	2.040	2.040	0.000	98	167320	20.0	20.9	
12 Trichlorofluoromethane	101	2.046	2.046	0.000	49	108343	20.0	21.4	
13 Pentane	72	2.064	2.064	0.000	98	31547	40.0	48.0	
14 Ethanol	46	2.204	2.204	0.000	92	11997	800.0	856.7	a
15 Ethyl ether	74	2.235	2.235	0.000	98	45728	20.0	20.7	
25 Isopropyl alcohol	45	2.235	2.235	0.000	95	75872	200.0	217.0	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	75177	20.0	21.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.296	0.000	87	74484	20.0	21.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	89	118715	20.0	22.1	
19 Acrolein	56	2.393	2.393	0.000	93	19692	40.0	38.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.418	0.000	92	79296	20.0	22.1	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	98	77134	20.0	20.5	
22 Acetone	43	2.503	2.503	0.000	87	68238	100.0	96.4	
23 Iodomethane	142	2.570	2.570	0.000	97	141045	20.0	21.2	
24 Carbon disulfide	76	2.600	2.600	0.000	99	301929	20.0	21.6	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	93	53893	20.0	20.0	
27 Methyl acetate	43	2.722	2.722	0.000	62	78226	40.0	39.1	
28 Cyclopentene	67	2.735	2.735	0.000	93	185835	20.0	21.4	
29 Acetonitrile	41	2.777	2.777	0.000	97	50133	200.0	143.8	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	33651	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	92500	20.0	20.2	
32 2-Methyl-2-propanol	59	2.905	2.905	0.000	97	48865	200.0	193.5	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	208649	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	95	89906	20.0	20.8	
35 Acrylonitrile	53	3.076	3.076	0.000	95	207727	200.0	202.7	
36 Hexane	57	3.155	3.155	0.000	93	126823	20.0	22.1	
37 Isopropyl ether	45	3.356	3.356	0.000	97	276666	20.0	21.3	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	156838	20.0	21.1	
39 Vinyl acetate	86	3.393	3.393	0.000	100	24749	40.0	41.6	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	76013	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	89	252430	20.0	21.6	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	235697	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.856	0.000	93	29057	20.0	21.0	a
44 cis-1,2-Dichloroethene	96	3.875	3.875	0.000	95	93998	20.0	20.8	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	28415	100.0	102.7	
46 Ethyl acetate	70	3.887	3.887	0.000	94	11480	40.0	39.7	
47 Methyl acrylate	55	3.936	3.936	0.000	98	47554	20.0	20.6	
48 Propionitrile	54	4.009	4.009	0.000	98	73204	200.0	205.2	
50 Tetrahydrofuran	72	4.088	4.088	0.000	51	12604	40.0	40.5	
49 Chlorobromomethane	128	4.088	4.088	0.000	86	42715	20.0	21.0	
51 Methacrylonitrile	67	4.106	4.106	0.000	90	238321	200.0	211.8	
52 Chloroform	83	4.143	4.143	0.000	98	137474	20.0	20.7	
53 Cyclohexane	84	4.265	4.265	0.000	90	131997	20.0	21.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	74	116332	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	173681	50.0	50.9	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	93903	20.0	21.0	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	98	115357	20.0	21.4	
58 Isobutyl alcohol	43	4.545	4.545	0.000	62	57703	500.0	521.8	a
59 Isooctane	57	4.582	4.582	0.000	99	320737	20.0	22.7	
60 Benzene	78	4.606	4.606	0.000	96	348313	20.0	21.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	171019	50.0	49.1	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	86	225479	20.0	21.3	
63 Isopropyl acetate	61	4.679	4.679	0.000	84	33019	20.0	20.6	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	95	87114	20.0	20.2	
65 n-Heptane	100	4.771	4.771	0.000	91	21607	20.0	22.4	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	728192	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	29832	500.0	486.4	
68 Trichloroethene	95	5.228	5.228	0.000	99	82394	20.0	20.7	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	9822	20.0	20.2	
69 Methylcyclohexane	83	5.356	5.356	0.000	86	152858	20.0	22.2	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	86422	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	23860	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	88	29163	40.0	40.7	
75 1,4-Dioxane	88	5.618	5.618	0.000	84	11669	400.0	411.1	
74 Dibromomethane	93	5.630	5.630	0.000	97	41138	20.0	20.7	
76 n-Propyl acetate	43	5.649	5.649	0.000	97	74237	20.0	19.9	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	90533	20.0	20.3	
78 2-Nitropropane	41	6.106	6.106	0.000	82	19986	40.0	34.1	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	88	37359	20.0	20.9	
80 Epichlorohydrin	57	6.216	6.216	0.000	99	94150	400.0	418.0	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	90	124798	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	104313	100.0	110.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	694504	50.0	49.9	
84 Toluene	91	6.587	6.587	0.000	94	344988	20.0	20.3	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	94215	20.0	21.1	
86 Ethyl methacrylate	69	6.972	6.972	0.000	89	79901	20.0	21.6	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	51662	20.0	21.0	
88 Tetrachloroethene	166	7.179	7.179	0.000	96	82636	20.0	20.5	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	101315	20.0	21.6	
90 2-Hexanone	43	7.417	7.417	0.000	96	159026	100.0	109.0	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	85184	20.0	20.4	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	62844	20.0	21.4	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	55364	20.0	21.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	510859	50.0	50.0	
95 Chlorobenzene	112	8.301	8.301	0.000	96	223772	20.0	21.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	124866	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	95	73061	20.0	20.8	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	149411	20.0	21.4	
99 o-Xylene	106	9.087	9.087	0.000	95	153304	20.0	22.1	
100 n-Butyl acrylate	73	9.087	9.087	0.000	97	50085	20.0	21.0	
101 Styrene	104	9.124	9.124	0.000	97	240046	20.0	23.0	
102 Bromoform	173	9.367	9.367	0.000	98	36073	20.0	19.7	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	92	113317	20.0	21.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	344273	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	93	215106	50.0	50.8	
106 Bromobenzene	156	9.898	9.898	0.000	98	91951	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	69107	20.0	19.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	100	448688	20.0	22.2	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	17981	20.0	18.4	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	89	10033	20.0	14.0	
111 2-Chlorotoluene	91	10.099	10.099	0.000	97	306114	20.0	21.3	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	377965	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	93	312879	20.0	22.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	307134	20.0	21.9	
115 Butyl Methacrylate	87	10.318	10.318	0.000	89	99311	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	261634	20.0	22.1	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	97	329876	20.0	22.5	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	410764	20.0	22.7	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	97	183705	20.0	21.4	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	357686	20.0	23.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	285237	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	184697	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	350779	20.0	22.6	
124 Benzyl chloride	91	11.087	11.087	0.000	98	122294	20.0	20.4	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	95	329567	20.0	22.3	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	226781	20.0	22.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	97	189832	20.0	21.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	179575	20.0	21.8	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	332886	20.0	22.9	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	9918	20.0	19.2	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	161172	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	144049	20.0	20.9	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	78393	20.0	20.8	
134 Naphthalene	128	12.769	12.769	0.000	100	243904	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	129964	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.6	
S 137 Xylenes, Total	100				0		40.0	43.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.3	
S 140 Total BTEX	1				0		100.0	106.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00024	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
GASES Li_00604	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:50 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D

Injection Date: 20-Sep-2024 12:22:30 Instrument ID: CVOAMS17

Lims ID: STD20

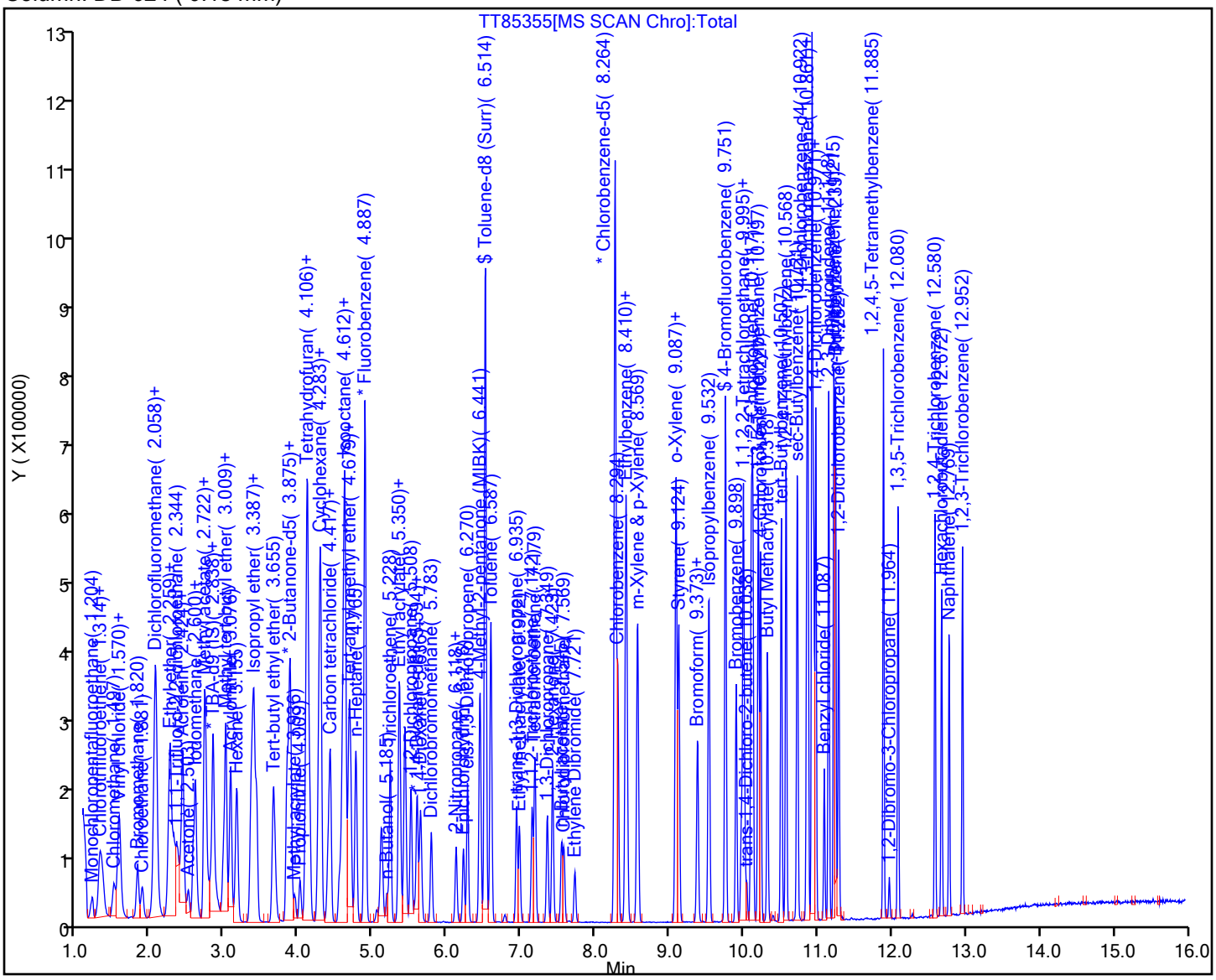
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

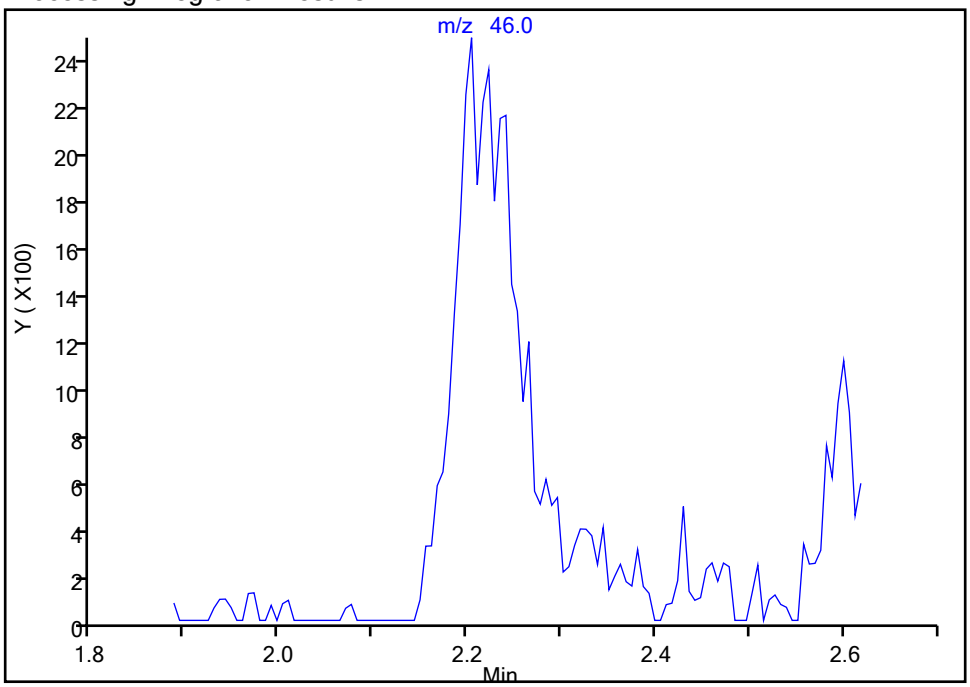
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D
Injection Date: 20-Sep-2024 12:22:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

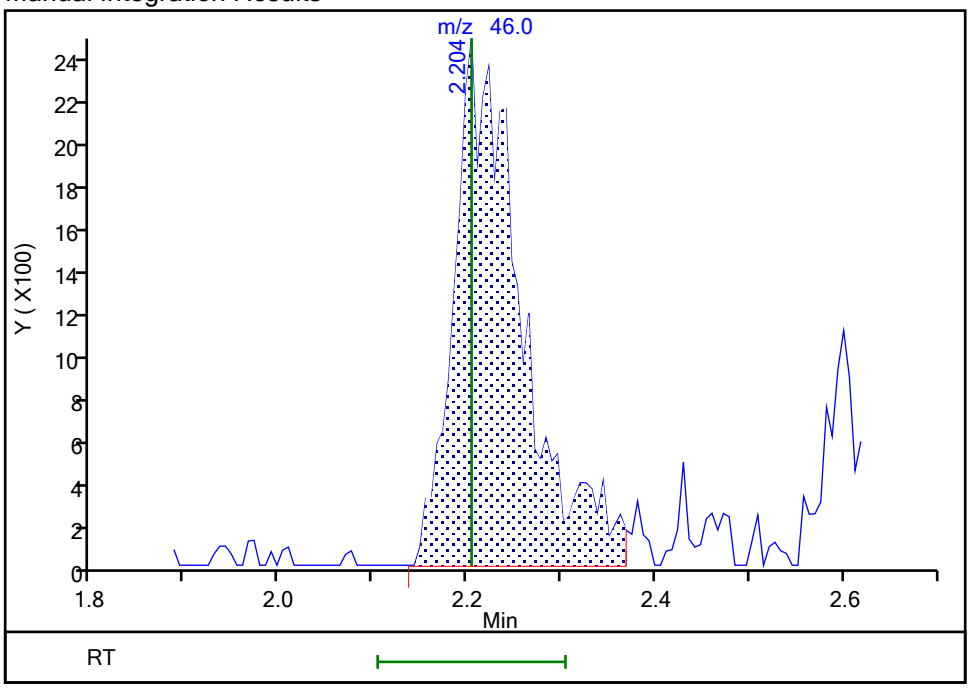
Not Detected
Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.20
Area: 11997
Amount: 856.7213
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:48:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

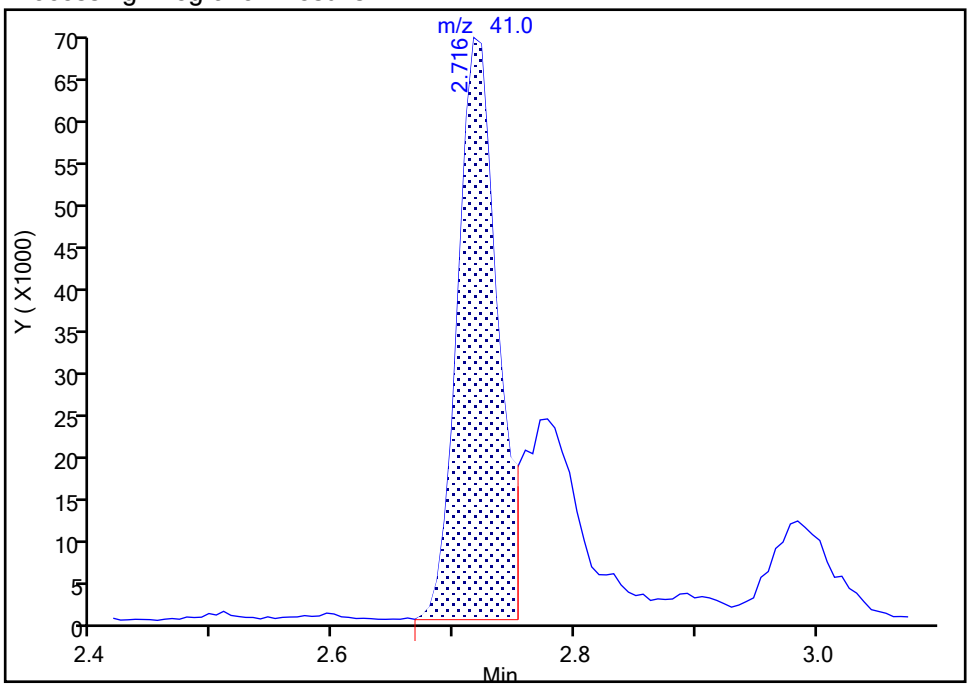
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D
Injection Date: 20-Sep-2024 12:22:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

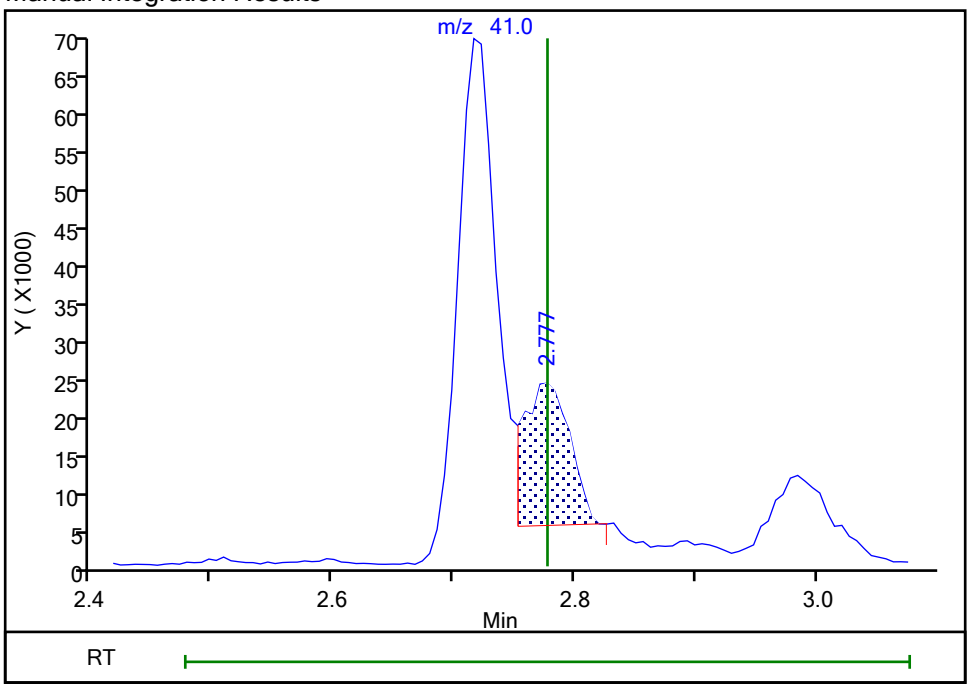
Processing Integration Results

RT: 2.72
Area: 160242
Amount: 232.0374
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 50133
Amount: 143.8385
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:48:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

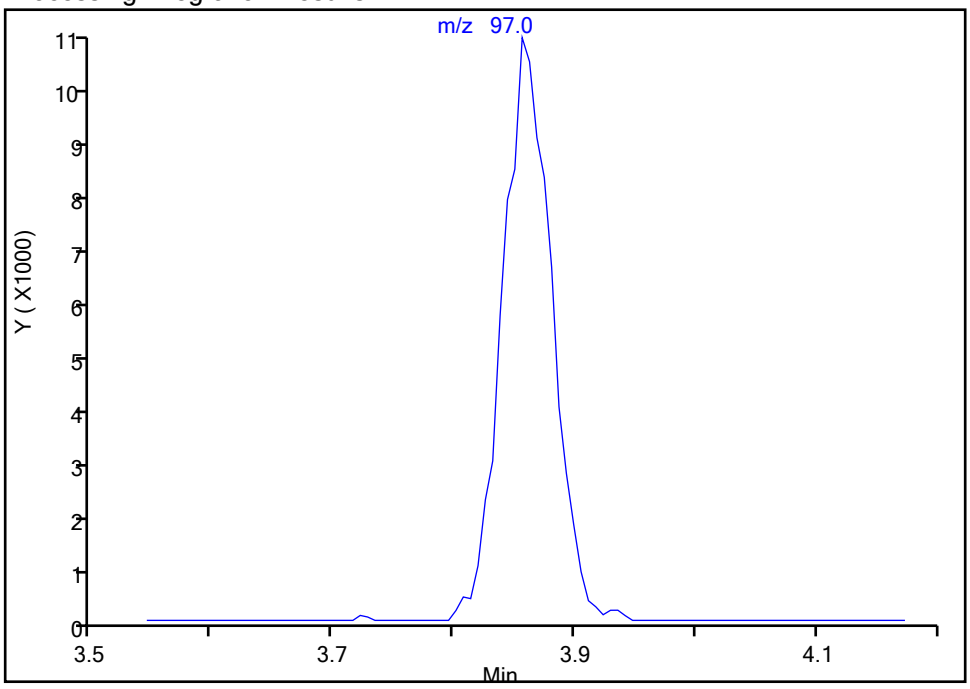
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D
Injection Date: 20-Sep-2024 12:22:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

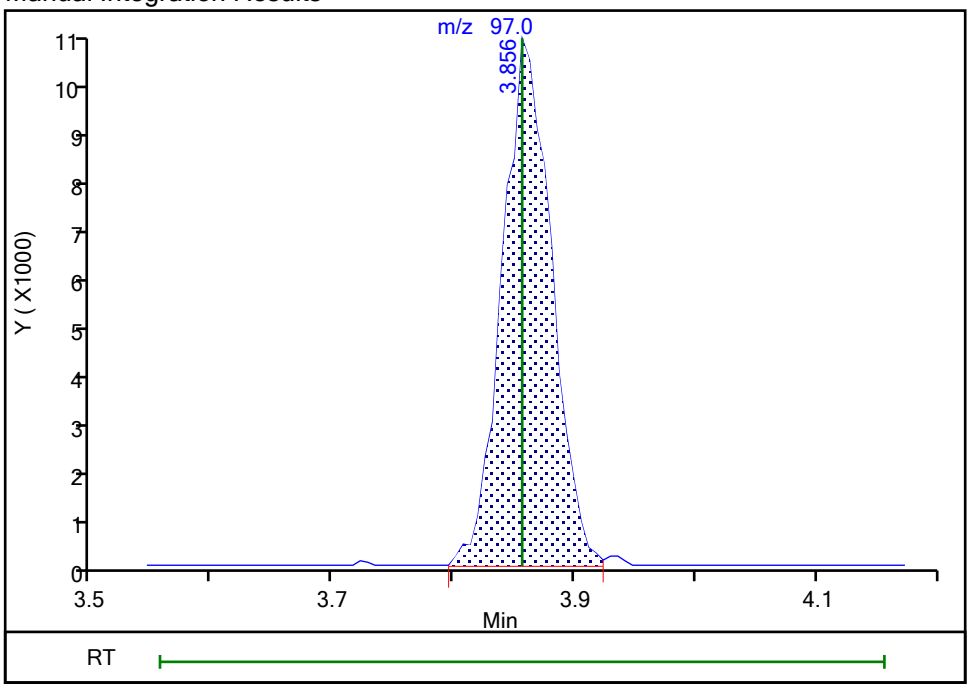
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 29057
Amount: 20.992195
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:48:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

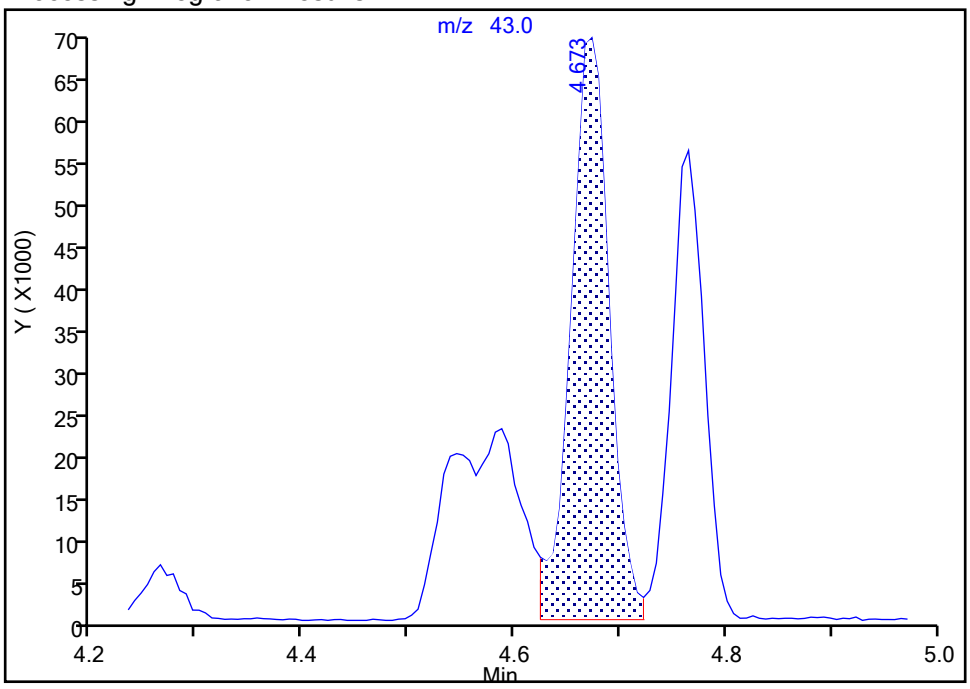
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85355.D
Injection Date: 20-Sep-2024 12:22:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

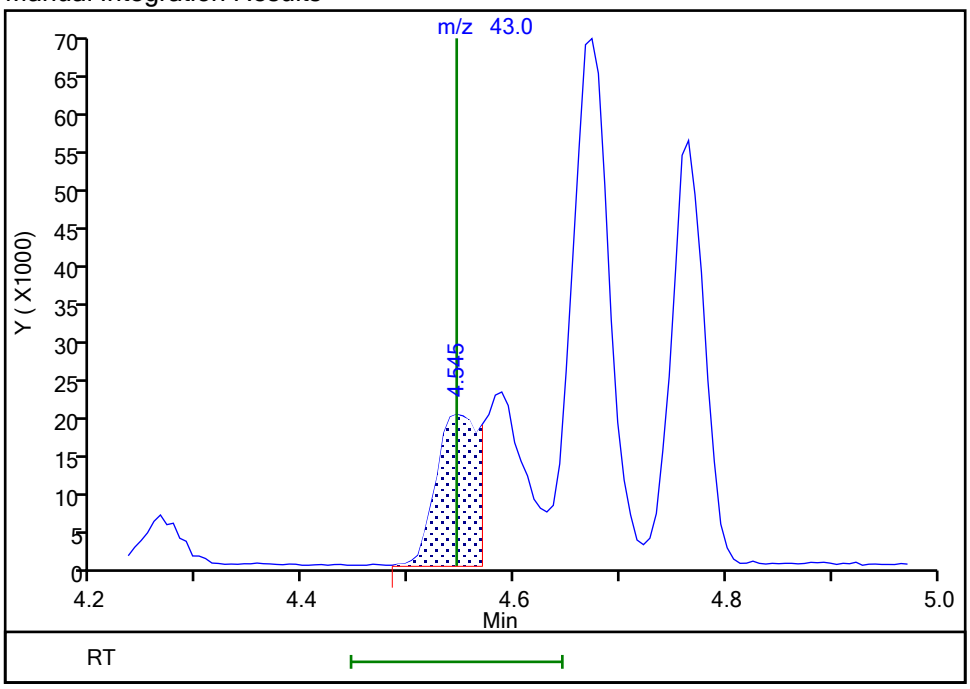
Processing Integration Results

RT: 4.67
Area: 176526
Amount: 615.1171
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 57703
Amount: 521.7747
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 12:49:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85356.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Sep-2024 12:41:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0181138-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:37:57 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 13:10:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.217	1.210	0.007	28	6587	50.0	46.0	M
3 Chlorotrifluoroethene	116	1.308	1.290	0.018	87	65710	50.0	53.5	
2 1,1-Difluoroethane	65	1.320	1.308	0.012	98	104959	50.0	48.2	a
4 Dichlorodifluoromethane	85	1.332	1.320	0.012	90	209582	50.0	48.9	
5 Chlorodifluoromethane	67	1.369	1.345	0.024	97	35633	50.0	47.2	
6 Chloromethane	50	1.509	1.497	0.012	100	232676	50.0	44.5	
7 Vinyl chloride	62	1.564	1.558	0.006	97	235195	50.0	46.8	
8 Butadiene	54	1.588	1.576	0.012	95	242459	50.0	44.9	
9 Bromomethane	94	1.826	1.820	0.006	99	172639	50.0	48.0	
10 Chloroethane	64	1.893	1.881	0.012	99	140316	50.0	49.8	
11 Dichlorofluoromethane	67	2.052	2.040	0.012	99	425782	50.0	48.9	
12 Trichlorofluoromethane	101	2.058	2.046	0.012	48	270429	50.0	49.1	
13 Pentane	72	2.076	2.064	0.012	97	75104	100.0	104.8	
14 Ethanol	46	2.229	2.204	0.025	89	30930	2000.0	1905.3	
15 Ethyl ether	74	2.247	2.235	0.012	92	119814	50.0	50.8	
25 Isopropyl alcohol	45	2.247	2.235	0.012	73	191847	500.0	483.8	a
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	95	184444	50.0	49.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.296	0.012	92	188553	50.0	50.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	94	296595	50.0	50.6	
19 Acrolein	56	2.405	2.393	0.012	94	47946	100.0	85.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.424	2.418	0.006	94	184392	50.0	47.1	
21 1,1-Dichloroethene	96	2.436	2.430	0.006	98	198540	50.0	48.3	
22 Acetone	43	2.509	2.503	0.006	88	175970	250.0	223.3	
23 Iodomethane	142	2.576	2.570	0.006	96	358150	50.0	49.3	
24 Carbon disulfide	76	2.607	2.600	0.007	99	749230	50.0	49.2	
26 3-Chloro-1-propene	76	2.728	2.722	0.006	98	145101	50.0	49.3	
27 Methyl acetate	43	2.735	2.722	0.013	100	206526	100.0	94.8	
28 Cyclopentene	67	2.747	2.735	0.012	94	463225	50.0	48.9	
29 Acetonitrile	41	2.783	2.777	0.006	99	213507	500.0	550.1	a
* 31 TBA-d9 (IS)	66	2.844	2.832	0.012	0	38735	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.838	0.006	93	238557	50.0	47.7	
32 2-Methyl-2-propanol	59	2.899	2.905	-0.006	99	131234	500.0	451.5	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	547134	50.0	50.9	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	95	226898	50.0	48.2	
35 Acrylonitrile	53	3.082	3.076	0.006	95	557563	500.0	499.0	
36 Hexane	57	3.167	3.155	0.012	92	308750	50.0	49.3	
37 Isopropyl ether	45	3.362	3.356	0.006	94	732231	50.0	51.7	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	410990	50.0	50.7	
39 Vinyl acetate	86	3.399	3.393	0.006	100	71473	100.0	107.8	
40 2-Chloro-1,3-butadiene	88	3.430	3.423	0.007	89	199394	50.0	50.6	
41 Tert-butyl ethyl ether	59	3.661	3.655	0.006	89	668844	50.0	52.5	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	262472	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.856	0.012	96	73922	50.0	49.0	
44 cis-1,2-Dichloroethene	96	3.881	3.875	0.006	96	246270	50.0	50.0	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	79217	250.0	257.1	
46 Ethyl acetate	70	3.893	3.887	0.006	93	33306	100.0	103.3	
47 Methyl acrylate	55	3.948	3.936	0.012	100	127417	50.0	50.7	
48 Propionitrile	54	4.015	4.009	0.006	99	200161	500.0	487.5	
50 Tetrahydrofuran	72	4.088	4.088	0.000	48	33938	100.0	97.9	a
49 Chlorobromomethane	128	4.094	4.088	0.006	86	109482	50.0	49.4	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	652213	500.0	531.6	
52 Chloroform	83	4.143	4.143	0.000	99	364956	50.0	50.4	
53 Cyclohexane	84	4.271	4.265	0.006	91	321171	50.0	48.2	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	98	293914	50.0	49.3	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	99	185492	50.0	49.9	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	242795	50.0	49.9	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	98	299410	50.0	50.9	
58 Isobutyl alcohol	43	4.551	4.545	0.006	95	145936	1250.0	1146.4	
59 Isooctane	57	4.594	4.582	0.012	98	751517	50.0	48.9	
60 Benzene	78	4.612	4.606	0.006	97	906571	50.0	50.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.006	0	187306	50.0	49.3	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	90	603930	50.0	52.3	
63 Isopropyl acetate	61	4.679	4.679	0.000	94	94203	50.0	53.9	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	96	237055	50.0	50.4	
65 n-Heptane	100	4.771	4.771	0.000	92	53071	50.0	50.4	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	793936	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	87	90157	1250.0	1277.1	
68 Trichloroethene	95	5.234	5.228	0.006	98	214952	50.0	49.4	
70 Ethyl acrylate	99	5.356	5.350	0.006	94	26770	50.0	50.5	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	367063	50.0	49.0	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	94	235685	50.0	52.6	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	26797	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	83014	100.0	106.3	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	31364	1000.0	984.0	
74 Dibromomethane	93	5.636	5.630	0.006	94	108339	50.0	49.9	
76 n-Propyl acetate	43	5.649	5.649	0.000	98	213218	50.0	52.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	249369	50.0	51.2	
78 2-Nitropropane	41	6.112	6.106	0.006	78	56416	100.0	88.2	
79 2-Chloroethyl vinyl ether	63	6.124	6.118	0.006	88	108479	50.1	55.6	
80 Epichlorohydrin	57	6.216	6.216	0.000	99	263816	1000.0	1051.8	
81 cis-1,3-Dichloropropene	75	6.277	6.270	0.007	91	348082	50.0	53.5	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	95	299513	250.0	285.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	771082	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	936474	50.0	49.9	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	272465	50.0	55.1	
86 Ethyl methacrylate	69	6.972	6.972	0.000	89	233939	50.0	57.1	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	139373	50.0	51.3	
88 Tetrachloroethene	166	7.185	7.179	0.006	96	218739	50.0	49.1	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	274095	50.0	53.0	
90 2-Hexanone	43	7.423	7.417	0.006	95	450996	250.0	277.5	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	246222	50.0	53.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	170913	50.0	52.7	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	149741	50.0	53.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	564407	50.0	50.0	
95 Chlorobenzene	112	8.301	8.301	0.000	95	598151	50.0	52.5	
96 Ethylbenzene	106	8.410	8.410	0.000	98	331402	50.0	51.3	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	97	198154	50.0	51.1	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	403276	50.0	52.2	
99 o-Xylene	106	9.087	9.087	0.000	94	403486	50.0	52.8	
100 n-Butyl acrylate	73	9.087	9.087	0.000	97	150306	50.0	57.1	
101 Styrene	104	9.124	9.124	0.000	96	658033	50.0	57.2	
102 Bromoform	173	9.367	9.367	0.000	98	105304	50.0	51.8	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	91	342308	50.0	59.3	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	919579	50.0	54.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.751	0.007	95	236198	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	99	250218	50.0	52.1	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	188101	50.0	50.2	
108 N-Propylbenzene	91	9.995	9.995	0.000	100	1191427	50.0	54.6	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	51240	50.0	48.6	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	91	33793	50.0	43.3	
111 2-Chlorotoluene	91	10.105	10.099	0.006	97	818897	50.0	52.7	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	1000224	50.0	54.4	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	0.000	93	830339	50.0	55.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	814832	50.0	53.7	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	295733	50.0	46.5	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	717276	50.0	56.0	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	97	878063	50.0	55.5	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	1089604	50.0	55.8	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	488965	50.0	52.6	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	944487	50.0	56.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	308421	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	493642	50.0	51.5	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	928686	50.0	55.3	
124 Benzyl chloride	91	11.087	11.087	0.000	99	356201	50.0	55.1	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	95	873170	50.0	54.7	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	595907	50.0	53.9	
127 n-Butylbenzene	92	11.239	11.239	0.000	99	509352	50.0	53.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	467665	50.0	52.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	900630	50.0	57.4	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	28289	50.0	50.2	
131 1,3,5-Trichlorobenzene	180	12.080	12.086	-0.006	98	426637	50.0	53.0	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	376620	50.0	50.4	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	200356	50.0	49.1	
134 Naphthalene	128	12.775	12.769	0.006	100	663293	50.0	54.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	337655	50.0	51.1	
S 136 1,2-Dichloroethene, Total	100				0		100.0	98.2	
S 137 Xylenes, Total	100				0		100.0	104.9	
S 139 1,3-Dichloropropene, Total	1				0		100.0	108.6	
S 140 Total BTEX	1				0		250.0	256.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00173	Amount Added:	10.00	Units: uL	
524FREONS_00024	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	50.00	Units: uL	
GASES Li_00604	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:37:58 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85356.D

Injection Date: 20-Sep-2024 12:41:30 Instrument ID: CVOAMS17

Lims ID: STD50

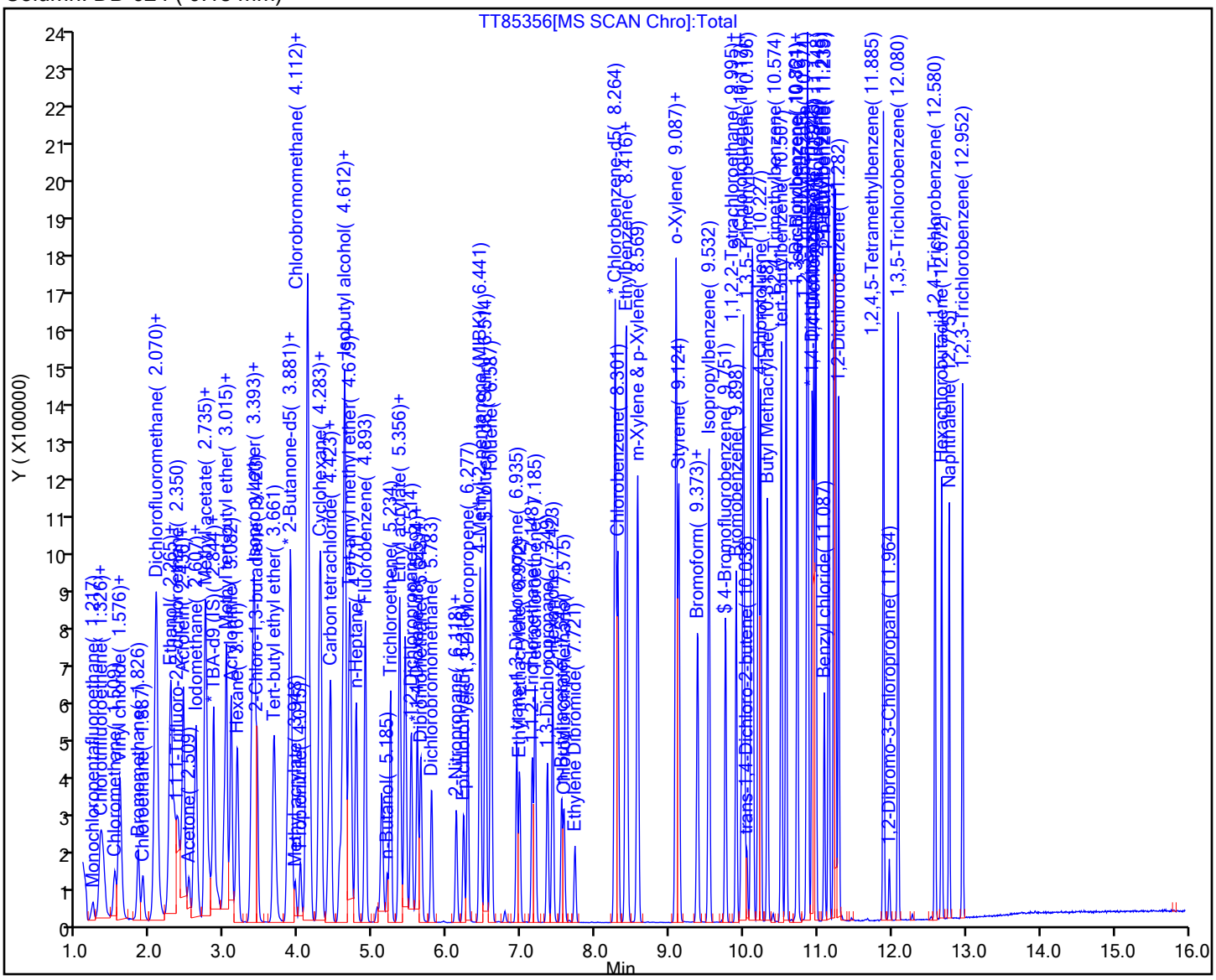
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison

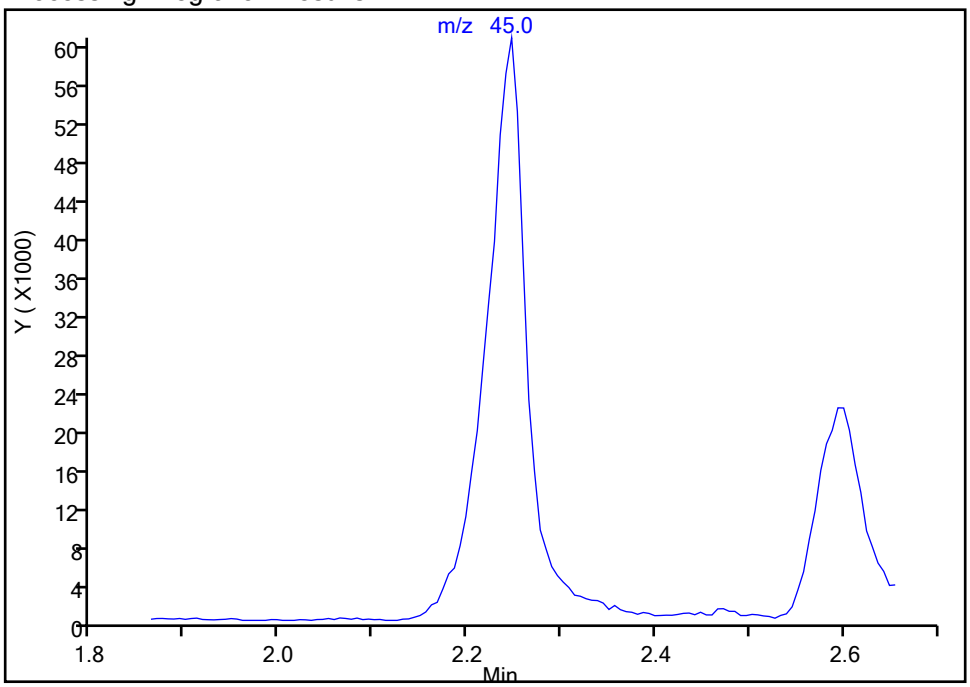
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85356.D
Injection Date: 20-Sep-2024 12:41:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

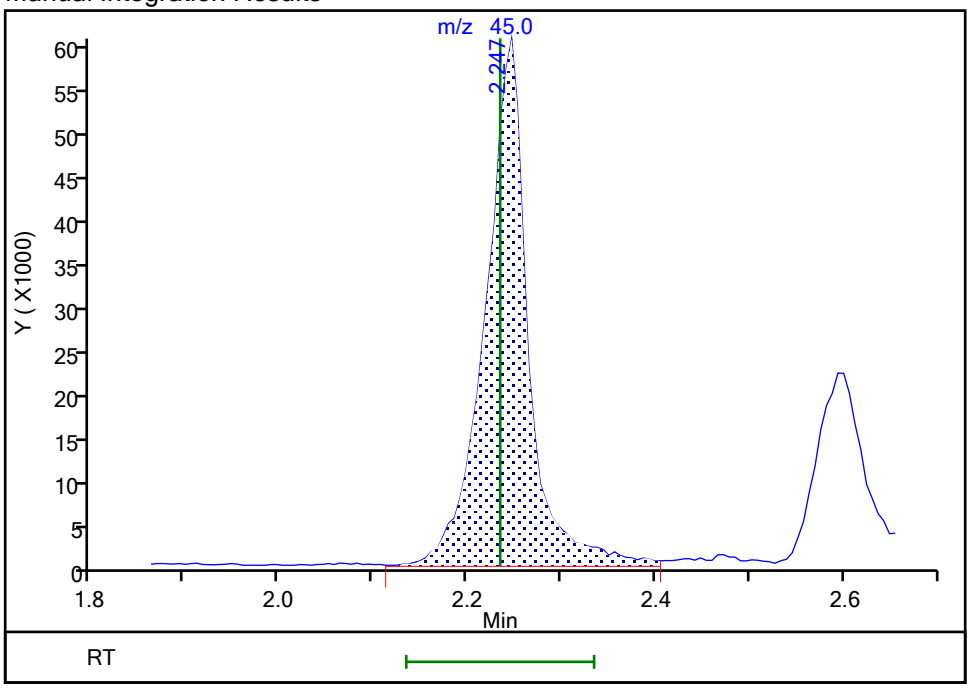
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.25
Area: 191847
Amount: 483.7682
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:07:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

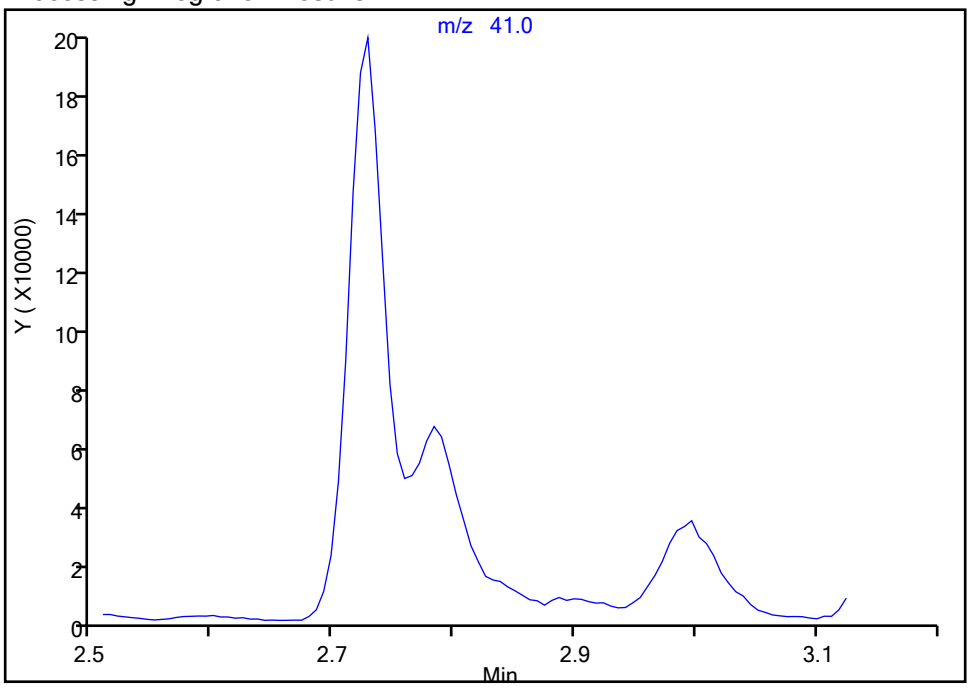
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85356.D
Injection Date: 20-Sep-2024 12:41:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

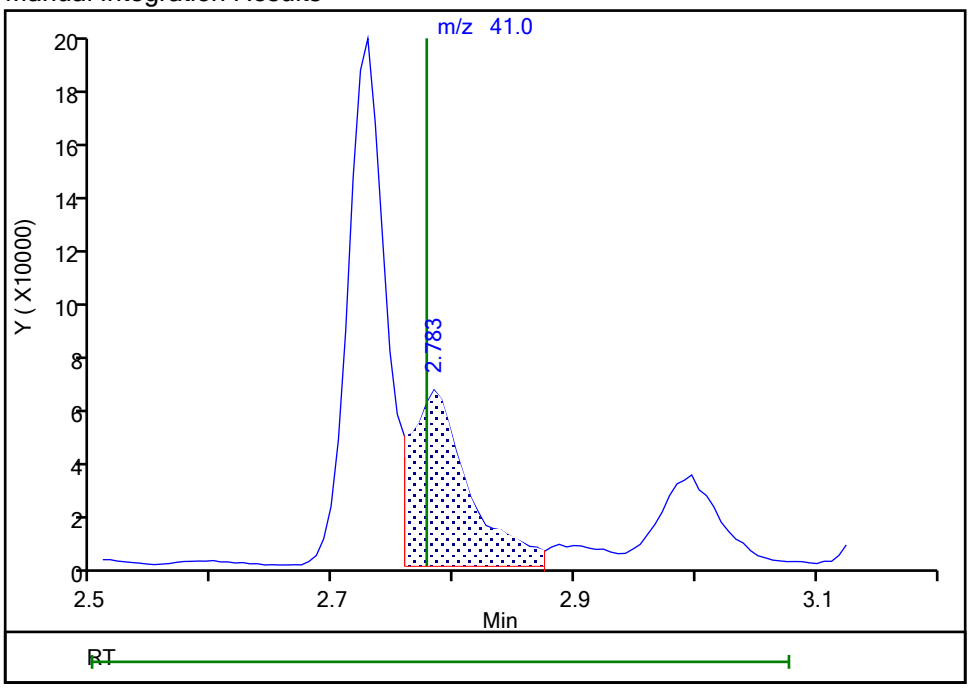
Not Detected
Expected RT: 2.78

Processing Integration Results



Manual Integration Results

RT: 2.78
Area: 213507
Amount: 550.0910
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:08:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

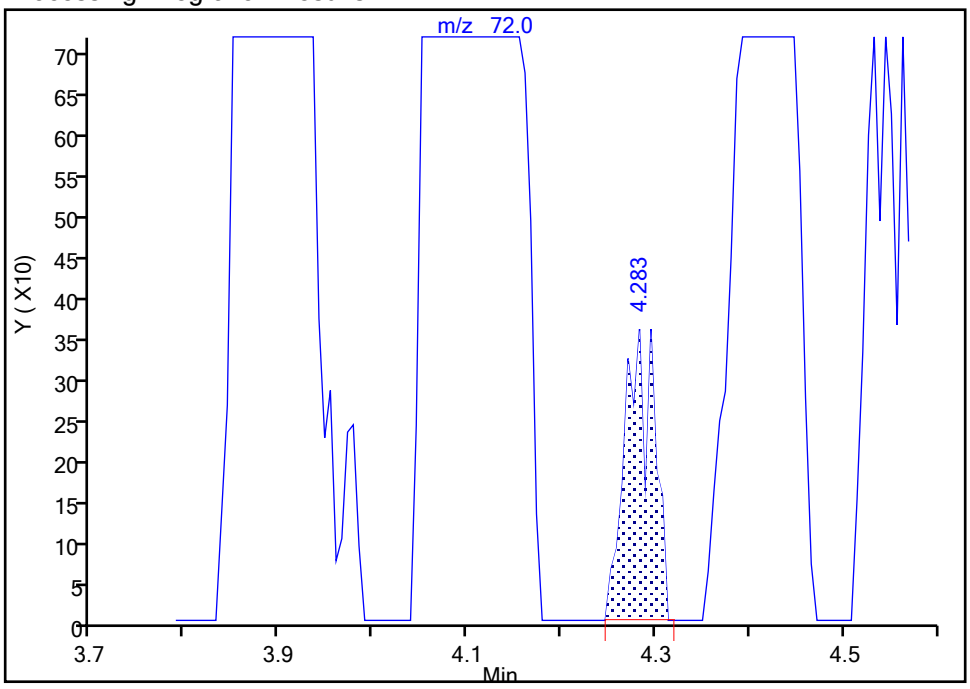
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85356.D
Injection Date: 20-Sep-2024 12:41:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

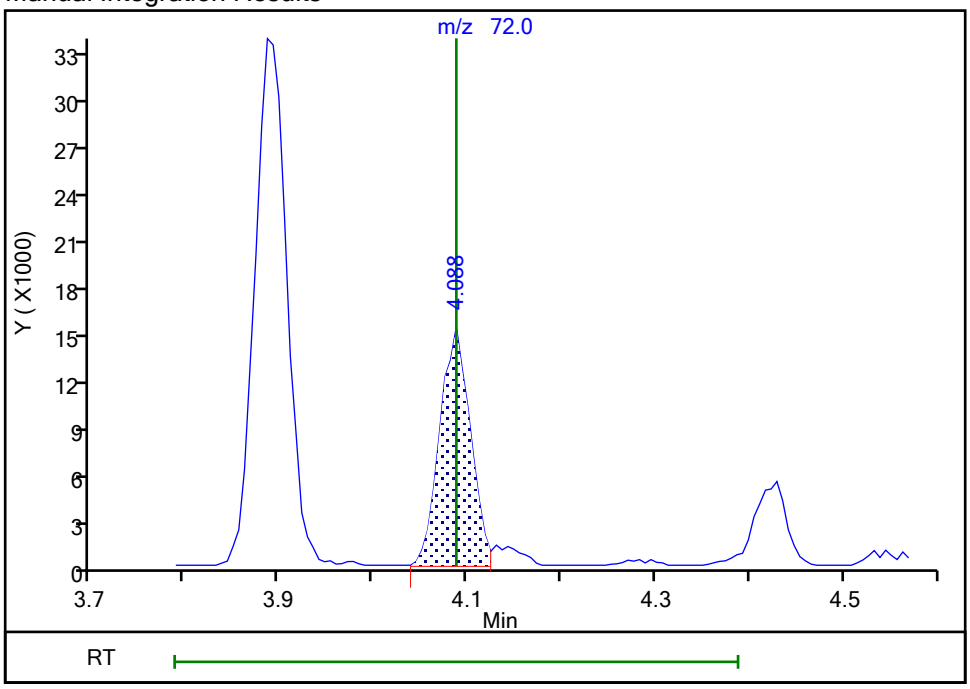
Processing Integration Results

RT: 4.28
Area: 764
Amount: 2.714369
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 33938
Amount: 97.859887
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:08:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85357.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Sep-2024 13:01:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0181138-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:38:04 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 13:29:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.210	0.013	67	27075	200.0	183.1	M
3 Chlorotrifluoroethene	116	1.296	1.290	0.006	85	232698	200.0	187.9	
2 1,1-Difluoroethane	65	1.314	1.308	0.006	97	391507	200.0	178.5	a
4 Dichlorodifluoromethane	85	1.326	1.320	0.006	97	885367	200.0	204.8	
5 Chlorodifluoromethane	67	1.363	1.345	0.018	97	134008	200.0	176.2	a
6 Chloromethane	50	1.503	1.497	0.006	98	1008193	200.0	191.2	
7 Vinyl chloride	62	1.558	1.558	0.000	98	983482	200.0	194.3	
8 Butadiene	54	1.582	1.576	0.006	95	985344	200.0	181.1	
9 Bromomethane	94	1.820	1.820	0.000	99	679054	200.0	187.5	
10 Chloroethane	64	1.887	1.881	0.006	99	562307	200.0	198.1	
11 Dichlorofluoromethane	67	2.046	2.040	0.006	99	1638616	200.0	186.6	
12 Trichlorofluoromethane	101	2.058	2.046	0.012	98	1053912	200.0	189.7	
13 Pentane	72	2.070	2.064	0.006	97	292767	400.0	405.4	
14 Ethanol	46	2.235	2.204	0.031	81	122633	8000.0	7401.9	
15 Ethyl ether	74	2.241	2.235	0.006	93	458445	200.0	194.9	
25 Isopropyl alcohol	45	2.241	2.235	0.006	72	738592	2000.0	1849.3	a
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	770986	200.0	203.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.296	0.012	86	724088	200.0	190.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	91	1127941	200.0	191.1	
19 Acrolein	56	2.399	2.393	0.006	94	103609	200.0	184.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.424	2.418	0.006	98	762336	200.0	193.3	
21 1,1-Dichloroethene	96	2.436	2.430	0.006	98	811009	200.0	195.7	
22 Acetone	43	2.509	2.503	0.006	88	700466	1000.0	881.4	
23 Iodomethane	142	2.570	2.570	0.000	97	1461766	200.0	199.8	
24 Carbon disulfide	76	2.600	2.600	0.000	99	3043337	200.0	198.1	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	99	580889	200.0	196.0	
27 Methyl acetate	43	2.728	2.722	0.006	99	806856	400.0	367.3	
28 Cyclopentene	67	2.741	2.735	0.006	94	1892811	200.0	198.4	
29 Acetonitrile	41	2.777	2.777	0.000	98	813601	2000.0	2078.4	a
* 31 TBA-d9 (IS)	66	2.850	2.832	0.018	0	39364	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	93	945510	200.0	187.6	
32 2-Methyl-2-propanol	59	2.911	2.905	0.006	99	588484	2000.0	1992.4	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	97	2174680	200.0	200.6	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	95	915443	200.0	192.9	
35 Acrylonitrile	53	3.076	3.076	0.000	94	2182936	2000.0	1938.3	
36 Hexane	57	3.161	3.155	0.006	92	1242538	200.0	196.6	
37 Isopropyl ether	45	3.362	3.356	0.006	93	2891328	200.0	202.5	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	1628355	200.0	199.4	
39 Vinyl acetate	86	3.399	3.393	0.006	100	285890	400.0	427.4	
40 2-Chloro-1,3-butadiene	88	3.429	3.423	0.006	89	805850	200.0	203.0	
41 Tert-butyl ethyl ether	59	3.661	3.655	0.006	89	2657341	200.0	206.9	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	264720	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.856	0.012	95	306812	200.0	201.7	
44 cis-1,2-Dichloroethene	96	3.875	3.875	0.000	97	979813	200.0	197.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	313627	1000.0	1009.1	
46 Ethyl acetate	70	3.893	3.887	0.006	94	128428	400.0	395.1	
47 Methyl acrylate	55	3.942	3.936	0.006	100	526293	200.0	207.6	
48 Propionitrile	54	4.015	4.009	0.006	98	786794	2000.0	1885.6	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	92	141645	400.0	405.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	93	442696	200.0	198.3	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	2503667	2000.0	2024.6	
52 Chloroform	83	4.143	4.143	0.000	99	1442013	200.0	197.8	
53 Cyclohexane	84	4.271	4.265	0.006	91	1341805	200.0	200.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	99	1222148	200.0	203.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	99	187645	50.0	50.0	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	1019052	200.0	207.8	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	98	1193374	200.0	201.2	
58 Isobutyl alcohol	43	4.594	4.545	0.049	37	677043	5000.0	5233.6	
59 Isooctane	57	4.594	4.582	0.012	98	3178948	200.0	205.1	
60 Benzene	78	4.612	4.606	0.006	97	3525020	200.0	196.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	198166	50.0	51.8	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	2434903	200.0	209.3	
63 Isopropyl acetate	61	4.679	4.679	0.000	94	368258	200.0	209.0	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	97	925559	200.0	195.0	
65 n-Heptane	100	4.771	4.771	0.000	92	212628	200.0	200.5	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	800217	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	88	374820	5000.0	5224.5	
68 Trichloroethene	95	5.234	5.228	0.006	99	862916	200.0	196.9	
70 Ethyl acrylate	99	5.356	5.350	0.006	94	110031	200.0	206.0	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	1542291	200.0	204.1	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	929177	200.0	205.9	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	23807	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	329690	400.0	418.9	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	128047	4000.0	4521.7	
74 Dibromomethane	93	5.636	5.630	0.006	95	426341	200.0	195.0	
76 n-Propyl acetate	43	5.649	5.649	0.000	98	814834	200.0	198.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	100	996845	200.0	203.2	
78 2-Nitropropane	41	6.112	6.106	0.006	98	241852	400.0	375.2	
79 2-Chloroethyl vinyl ether	63	6.124	6.118	0.006	96	424715	200.5	216.0	
80 Epichlorohydrin	57	6.216	6.216	0.000	99	1033449	4000.0	4085.3	
81 cis-1,3-Dichloropropene	75	6.276	6.270	0.006	91	1372068	200.0	210.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	95	1193640	1000.0	1127.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	770364	50.0	50.0	
84 Toluene	91	6.587	6.587	0.000	95	3577514	200.0	190.5	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	1080801	200.0	218.2	
86 Ethyl methacrylate	69	6.971	6.972	-0.001	89	937019	200.0	228.5	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	537060	200.0	197.2	
88 Tetrachloroethene	166	7.185	7.179	0.006	96	890571	200.0	199.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	1069587	200.0	206.5	
90 2-Hexanone	43	7.423	7.417	0.006	95	1717868	1000.0	1047.9	
91 n-Butyl acetate	43	7.538	7.538	0.000	99	943725	200.0	204.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	698332	200.0	215.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	580924	200.0	205.8	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	60	565350	50.0	50.0	
95 Chlorobenzene	112	8.300	8.301	-0.001	95	2297234	200.0	201.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	1318229	200.0	203.6	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	97	821393	200.0	211.3	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	1604184	200.0	207.2	
99 o-Xylene	106	9.087	9.087	0.000	95	1633910	200.0	213.3	
100 n-Butyl acrylate	73	9.087	9.087	0.000	98	602839	200.0	228.4	
101 Styrene	104	9.123	9.124	-0.001	95	2544679	200.0	220.8	
102 Bromoform	173	9.367	9.367	0.000	98	431488	200.0	211.4	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	92	1299586	200.0	228.5	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	3534258	200.0	209.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.751	0.007	95	230446	50.0	49.2	
106 Bromobenzene	156	9.898	9.898	0.000	98	971496	200.0	204.9	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	731826	200.0	197.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	4255895	200.0	197.9	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	96	196019	200.0	188.5	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	93	163767	200.0	203.3	
111 2-Chlorotoluene	91	10.105	10.099	0.006	97	3131876	200.0	204.5	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	3691506	200.0	203.7	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	0.000	95	3191195	200.0	215.0	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	3070527	200.0	205.0	
115 Butyl Methacrylate	87	10.318	10.318	0.000	89	1235801	200.0	202.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	2835683	200.0	224.4	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	96	3252840	200.0	208.4	
118 sec-Butylbenzene	105	10.721	10.721	0.000	97	4010116	200.0	208.2	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	97	1894239	200.0	206.7	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	3495942	200.0	211.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	304181	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	1884084	200.0	199.5	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	3404308	200.0	205.6	
124 Benzyl chloride	91	11.087	11.087	0.000	99	1457894	200.0	228.6	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	96	3165109	200.0	201.2	
126 p-Diethylbenzene	119	11.215	11.215	0.000	93	2314367	200.0	212.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	97	1992507	200.0	210.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	1797900	200.0	204.3	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	3268999	200.0	211.2	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	98	113988	200.0	204.1	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	1667486	200.0	210.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	1498699	200.0	203.5	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	861719	200.0	214.2	
134 Naphthalene	128	12.775	12.769	0.006	99	2478739	200.0	207.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	1346204	200.0	206.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	390.2	
S 137 Xylenes, Total	100				0		400.0	420.5	
S 139 1,3-Dichloropropene, Total	1				0		400.0	428.9	
S 140 Total BTEX	1				0		1000.0	1011.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

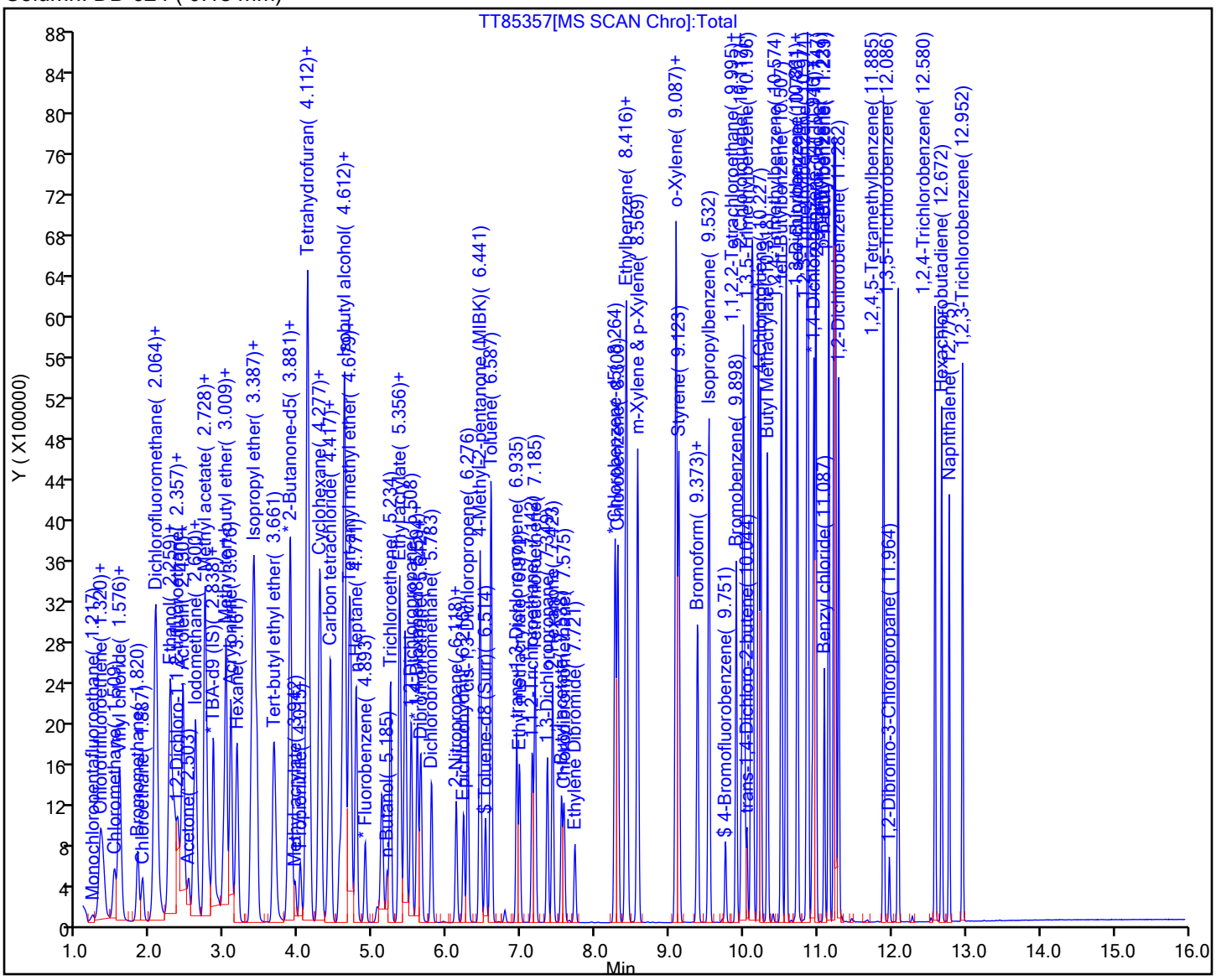
Reagents:

MIX 2 Hi_00153	Amount Added:	20.00	Units: uL	
MIX I Hi_00180	Amount Added:	20.00	Units: uL	
Ethanol mix_00093	Amount Added:	20.00	Units: uL	
7 Freons Hi_00018	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	20.00	Units: uL	
GAS Hi_00479	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:38:05 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85357.D
Injection Date: 20-Sep-2024 13:01:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison

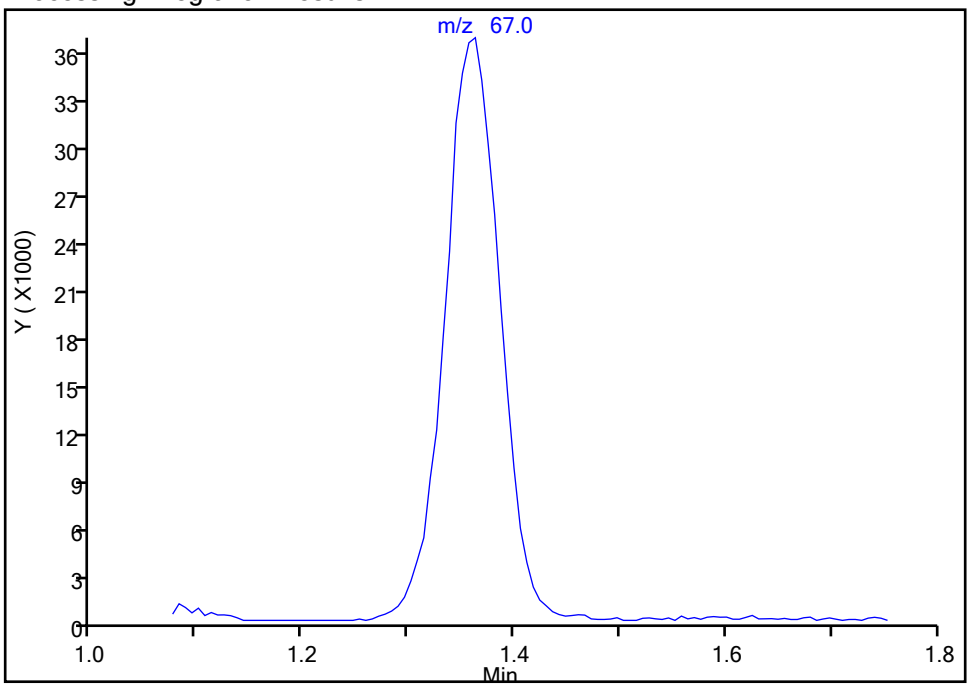
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85357.D				
Injection Date:	20-Sep-2024 13:01:30	Instrument ID:	CVOAMS17		
Lims ID:	STD200				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

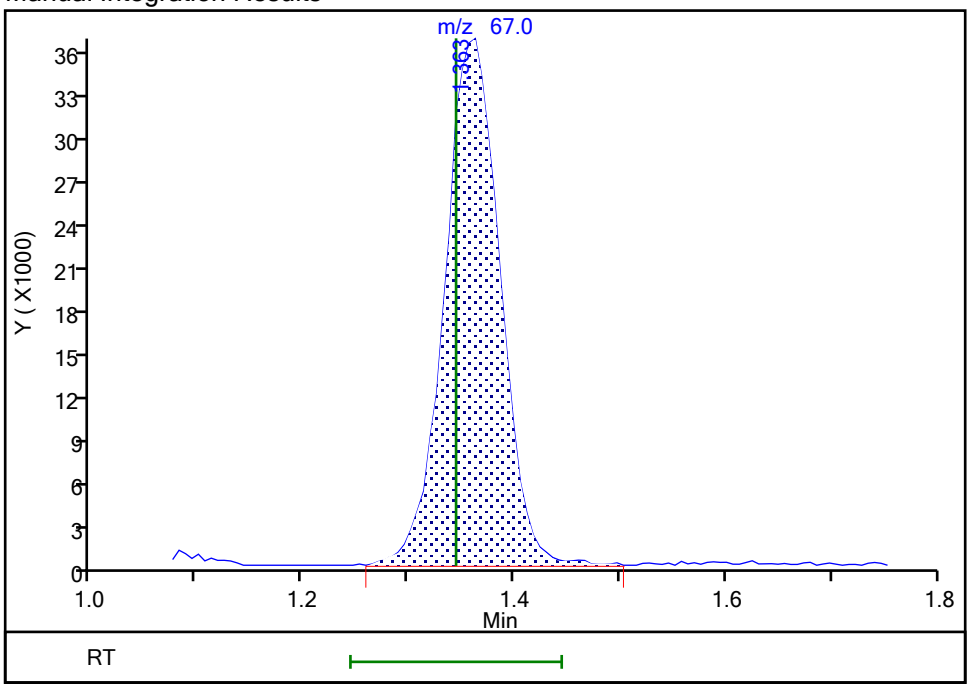
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 134008
Amount: 176.1536
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:26:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

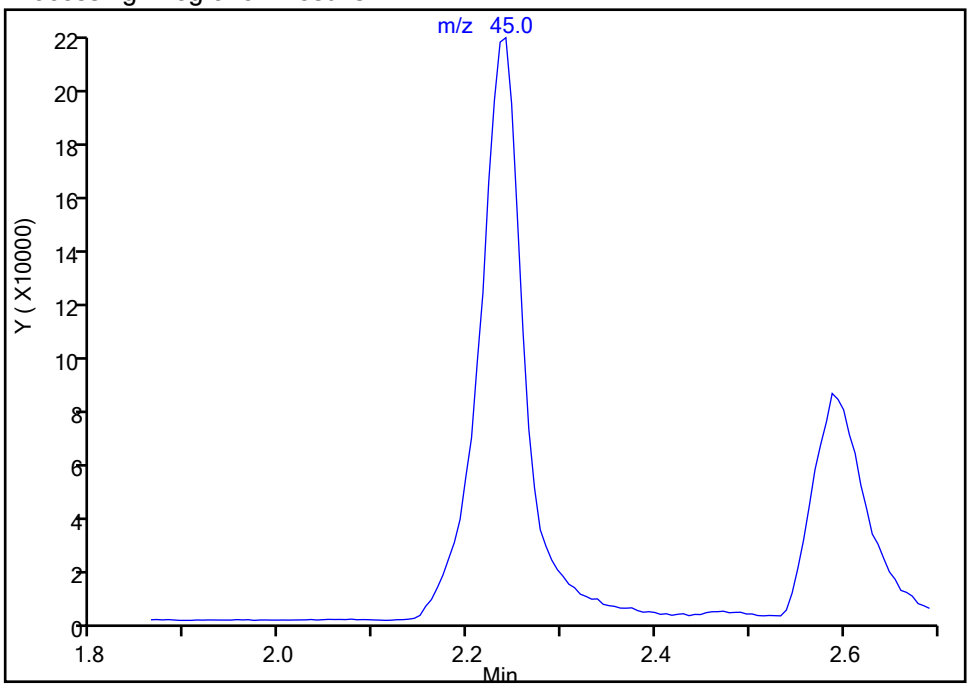
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85357.D
Injection Date: 20-Sep-2024 13:01:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

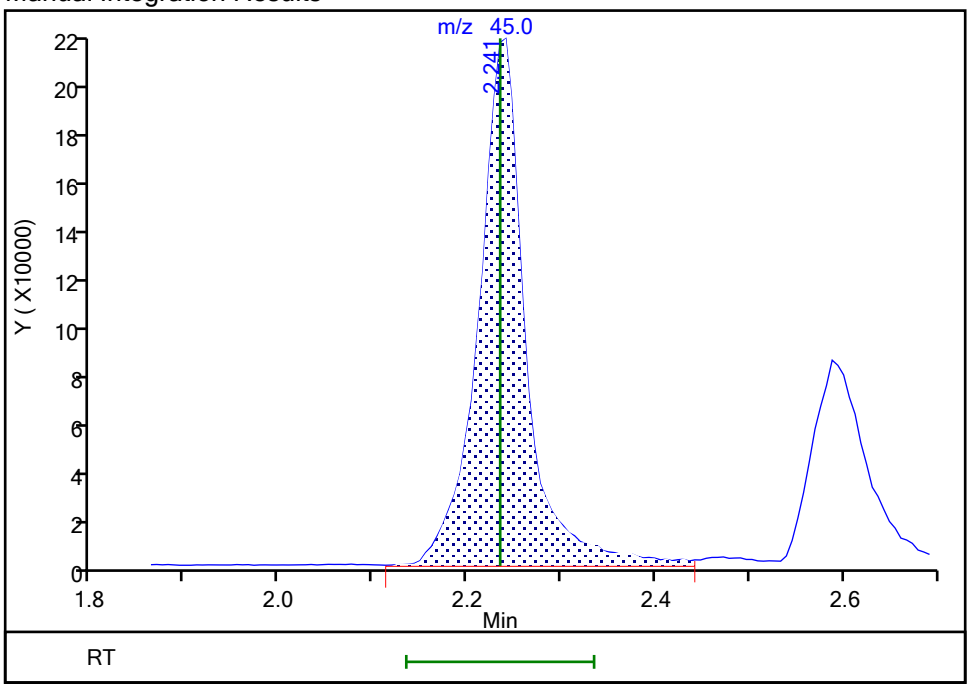
Not Detected
Expected RT: 2.23

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 738592
Amount: 1849.3321
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:26:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

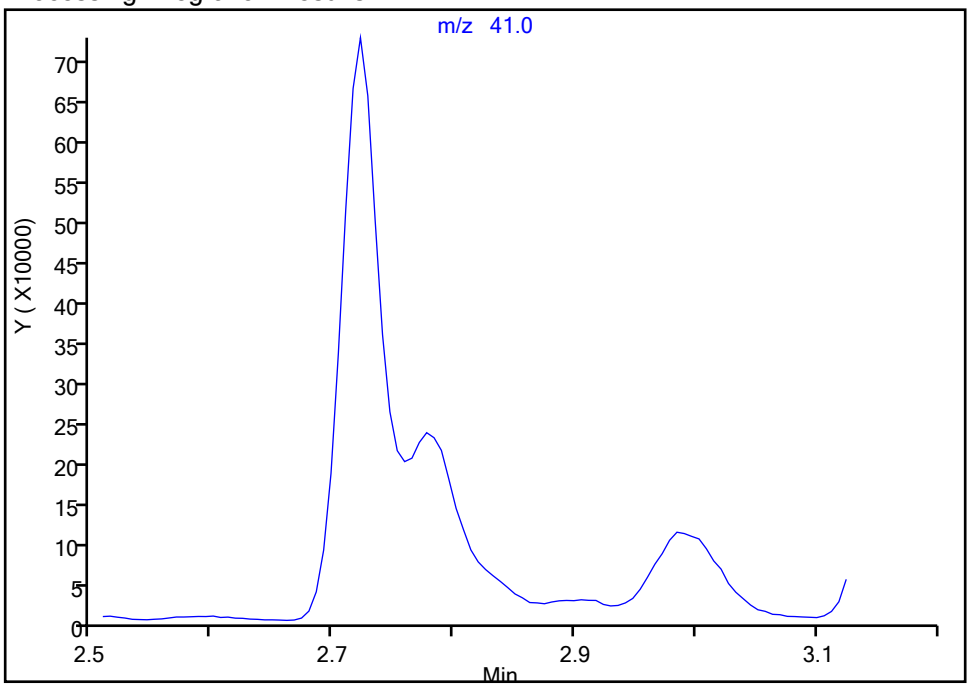
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85357.D
Injection Date: 20-Sep-2024 13:01:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

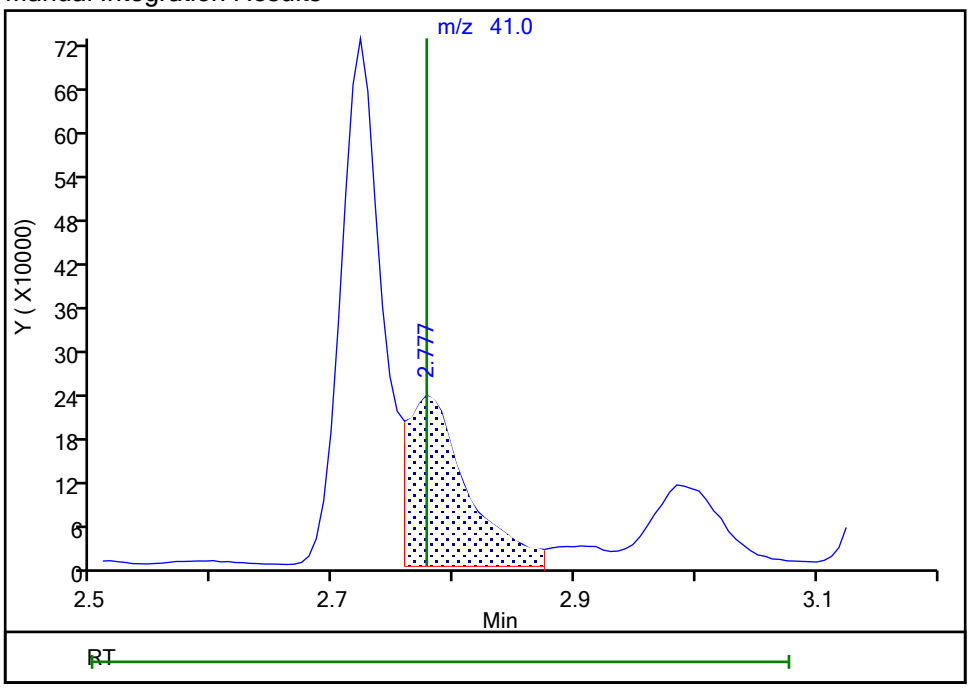
Not Detected
Expected RT: 2.78

Processing Integration Results



Manual Integration Results

RT: 2.78
Area: 813601
Amount: 2078.4045
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:26:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Sep-2024 13:20:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0181138-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:38:11 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: FK2C Date: 20-Sep-2024 13:54:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.210	1.210	0.000	84	77009	500.0	506.7	
3 Chlorotrifluoroethene	116	1.290	1.290	0.000	85	637528	500.0	503.4	
2 1,1-Difluoroethane	65	1.314	1.308	0.006	98	1028892	500.0	458.8	a
4 Dichlorodifluoromethane	85	1.320	1.320	0.000	98	2472280	500.0	559.2	
5 Chlorodifluoromethane	67	1.357	1.345	0.012	97	351998	500.0	452.5	
6 Chloromethane	50	1.497	1.497	0.000	98	2657814	500.0	492.9	
7 Vinyl chloride	62	1.552	1.558	-0.006	97	2653179	500.0	512.5	
8 Butadiene	54	1.576	1.576	0.000	95	2658680	500.0	477.9	
9 Bromomethane	94	1.814	1.820	-0.006	99	1559034	500.0	420.9	
10 Chloroethane	64	1.875	1.881	-0.006	99	1393899	500.0	480.1	
11 Dichlorofluoromethane	67	2.046	2.040	0.006	98	4202080	500.0	467.9	
12 Trichlorofluoromethane	101	2.052	2.046	0.006	97	2828509	500.0	497.9	
13 Pentane	72	2.058	2.064	-0.006	96	795651	1000.0	1077.3	
14 Ethanol	46	2.222	2.204	0.018	82	330262	20000	20641	
15 Ethyl ether	74	2.235	2.235	-0.001	93	1158995	500.0	483.0	
25 Isopropyl alcohol	45	2.235	2.235	-0.001	74	1885564	5000.0	4903.2	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	94	2051256	500.0	530.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.296	0.006	87	1963616	500.0	504.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	91	3048499	500.0	505.1	
19 Acrolein	56	2.393	2.393	0.000	92	222478	400.0	386.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.418	-0.001	99	2035283	500.0	504.6	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	98	2123866	500.0	501.1	
22 Acetone	43	2.503	2.503	0.000	88	1936544	2500.0	2255.7	
23 Iodomethane	142	2.570	2.570	0.000	97	3717281	500.0	496.7	
24 Carbon disulfide	76	2.600	2.600	0.000	99	7219003	500.0	459.6	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	98	1543538	500.0	509.3	
27 Methyl acetate	43	2.722	2.722	0.000	99	2167558	1000.0	964.9	
28 Cyclopentene	67	2.741	2.735	0.005	95	4840709	500.0	496.2	
29 Acetonitrile	41	2.777	2.777	0.000	100	1569743	5000.0	3711.9	a
* 31 TBA-d9 (IS)	66	2.856	2.832	0.024	0	37979	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	92	2393424	500.0	464.3	
32 2-Methyl-2-propanol	59	2.911	2.905	0.006	91	1546736	5000.0	5427.7	a
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	98	5462645	500.0	492.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	2341101	500.0	482.5	
35 Acrylonitrile	53	3.076	3.076	0.000	95	5285773	5000.0	4589.7	
36 Hexane	57	3.155	3.155	0.000	93	3237361	500.0	501.0	
37 Isopropyl ether	45	3.356	3.356	0.000	92	6931866	500.0	474.6	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	98	3971885	500.0	475.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	619459	1000.0	857.2	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	2086986	500.0	514.1	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	91	6557215	500.0	499.3	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	285981	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.856	0.012	96	791779	500.0	509.0	
44 cis-1,2-Dichloroethene	96	3.874	3.875	-0.001	97	2491302	500.0	490.6	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	825387	2500.0	2458.4	
46 Ethyl acetate	70	3.893	3.887	0.006	96	335739	1000.0	956.1	
47 Methyl acrylate	55	3.941	3.936	0.005	100	1333788	500.0	514.6	
48 Propionitrile	54	4.015	4.009	0.006	99	2011014	5000.0	4995.2	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	57	367667	1000.0	973.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	91	1123121	500.0	491.9	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	5850607	5000.0	4626.5	
52 Chloroform	83	4.143	4.143	0.000	98	3553214	500.0	476.5	
53 Cyclohexane	84	4.271	4.265	0.006	91	3552554	500.0	517.8	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	99	3117610	500.0	507.8	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	192048	50.0	50.1	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	2619226	500.0	522.2	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	97	2989276	500.0	492.9	
58 Isobutyl alcohol	43	4.551	4.545	0.006	94	1780524	12500	14265	a
59 Isooctane	57	4.594	4.582	0.012	97	7597022	500.0	479.3	
60 Benzene	78	4.612	4.606	0.006	99	7687261	500.0	414.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	216212	50.0	55.3	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	6593700	500.0	554.4	
63 Isopropyl acetate	61	4.679	4.679	0.000	93	952732	500.0	528.6	
64 1,2-Dichloroethane	62	4.697	4.698	-0.001	97	2327427	500.0	479.6	
65 n-Heptane	100	4.765	4.771	-0.007	91	578370	500.0	533.3	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	818309	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	87	1024919	12500	14807	
68 Trichloroethene	95	5.228	5.228	0.000	99	2234201	500.0	498.6	
70 Ethyl acrylate	99	5.356	5.350	0.006	93	298472	500.0	546.6	
69 Methylcyclohexane	83	5.356	5.356	0.000	87	4058735	500.0	525.2	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	2349057	500.0	509.1	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	24938	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	88	860944	1000.0	1069.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	85	339209	10000	11435	
74 Dibromomethane	93	5.636	5.630	0.006	95	1107738	500.0	495.4	
76 n-Propyl acetate	43	5.648	5.649	-0.001	97	2102174	500.0	501.0	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	2558273	500.0	509.9	
78 2-Nitropropane	41	6.112	6.106	0.006	95	648657	1000.0	984.0	
79 2-Chloroethyl vinyl ether	63	6.124	6.118	0.006	95	1113537	501.2	553.9	
80 Epichlorohydrin	57	6.222	6.216	0.006	99	2635272	10000	9642.9	
81 cis-1,3-Dichloropropene	75	6.276	6.270	0.006	91	3415574	500.0	506.2	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	91	3005079	2500.0	2627.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	797124	50.0	49.9	
84 Toluene	91	6.587	6.587	0.000	97	7544922	500.0	387.8	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	97	2738056	500.0	533.6	
86 Ethyl methacrylate	69	6.971	6.972	-0.001	89	2389887	500.0	562.6	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	1380934	500.0	489.4	
88 Tetrachloroethene	166	7.185	7.179	0.006	96	2316535	500.0	501.4	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	2685116	500.0	500.4	
90 2-Hexanone	43	7.423	7.417	0.006	92	4117757	2500.0	2325.2	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	2359305	500.0	493.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	1814242	500.0	539.3	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	1482163	500.0	506.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	45	585729	50.0	50.0	a
95 Chlorobenzene	112	8.300	8.301	-0.001	90	5307330	500.0	448.6	
96 Ethylbenzene	106	8.410	8.410	0.000	95	3313475	500.0	493.9	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	97	2143101	500.0	532.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	3968765	500.0	494.9	
99 o-Xylene	106	9.087	9.087	0.000	97	3972183	500.0	500.5	
100 n-Butyl acrylate	73	9.087	9.087	0.000	72	1529488	500.0	559.4	
101 Styrene	104	9.123	9.124	-0.001	90	5784104	500.0	484.3	
102 Bromoform	173	9.367	9.367	0.000	98	1131030	500.0	534.8	
103 Amyl acetate (mixed isomers)	43	9.379	9.380	-0.001	93	3078407	500.0	529.1	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	7363579	500.0	420.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.751	0.006	94	235178	50.0	48.4	
106 Bromobenzene	156	9.898	9.898	0.000	95	2412526	500.0	497.6	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.965	0.006	98	1807486	500.0	478.0	
108 N-Propylbenzene	91	9.995	9.995	0.000	96	8193215	500.0	372.5	
109 1,2,3-Trichloropropane	110	10.013	10.014	-0.001	96	493285	500.0	463.8	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	94	445406	500.0	499.6	
111 2-Chlorotoluene	91	10.105	10.099	0.006	97	6682800	500.0	426.6	
112 4-Ethyltoluene	105	10.123	10.123	0.000	95	7493068	500.0	404.2	
113 1,3,5-Trimethylbenzene	105	10.202	10.197	0.006	96	6504826	500.0	428.6	
114 4-Chlorotoluene	91	10.233	10.227	0.006	94	6628569	500.0	432.7	
115 Butyl Methacrylate	87	10.324	10.318	0.006	89	2982298	500.0	499.7	
116 tert-Butylbenzene	119	10.507	10.507	0.000	88	6008751	500.0	464.9	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	92	6475143	500.0	405.6	
118 sec-Butylbenzene	105	10.727	10.721	0.006	88	7640693	500.0	387.9	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	90	4168906	500.0	444.8	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	6796253	500.0	402.2	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	94	311100	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	89	4141554	500.0	428.8	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	90	6611640	500.0	390.4	
124 Benzyl chloride	91	11.086	11.087	-0.001	99	3398851	500.0	521.1	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	93	6163395	500.0	383.0	
126 p-Diethylbenzene	119	11.221	11.215	0.006	93	4869001	500.0	436.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	93	4325629	500.0	446.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	89	3950589	500.0	438.9	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	90	6265054	500.0	395.8	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.964	0.006	96	298573	500.0	522.2	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	96	3645956	500.0	449.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.580	0.006	95	3331880	500.0	442.3	
133 Hexachlorobutadiene	225	12.671	12.672	-0.001	97	2089177	500.0	507.7	
134 Naphthalene	128	12.775	12.769	0.006	95	5061181	500.0	414.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	3055396	500.0	458.8	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	973.0	
S 137 Xylenes, Total	100				0		1000.0	995.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1039.8	
S 140 Total BTEX	1				0		2500.0	2291.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00153	Amount Added:	50.00	Units: uL	
MIX I Hi_00180	Amount Added:	50.00	Units: uL	
Ethanol mix_00093	Amount Added:	50.00	Units: uL	
7 Freons Hi_00018	Amount Added:	50.00	Units: uL	
ACROLEIN W_00173	Amount Added:	40.00	Units: uL	
GAS Hi_00479	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:38:12 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Injection Date: 20-Sep-2024 13:20:30 Instrument ID: CVOAMS17

Lims ID: STD500

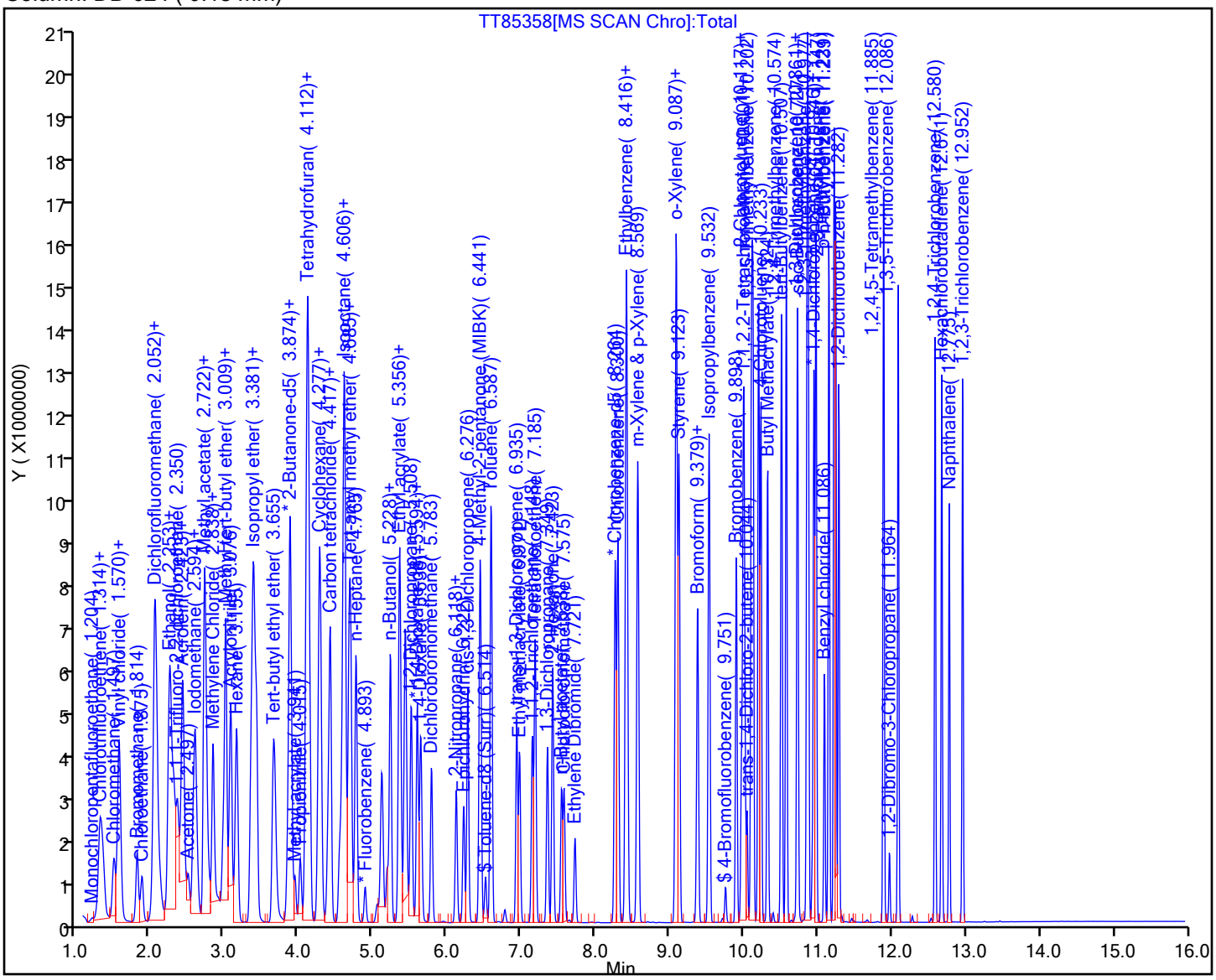
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

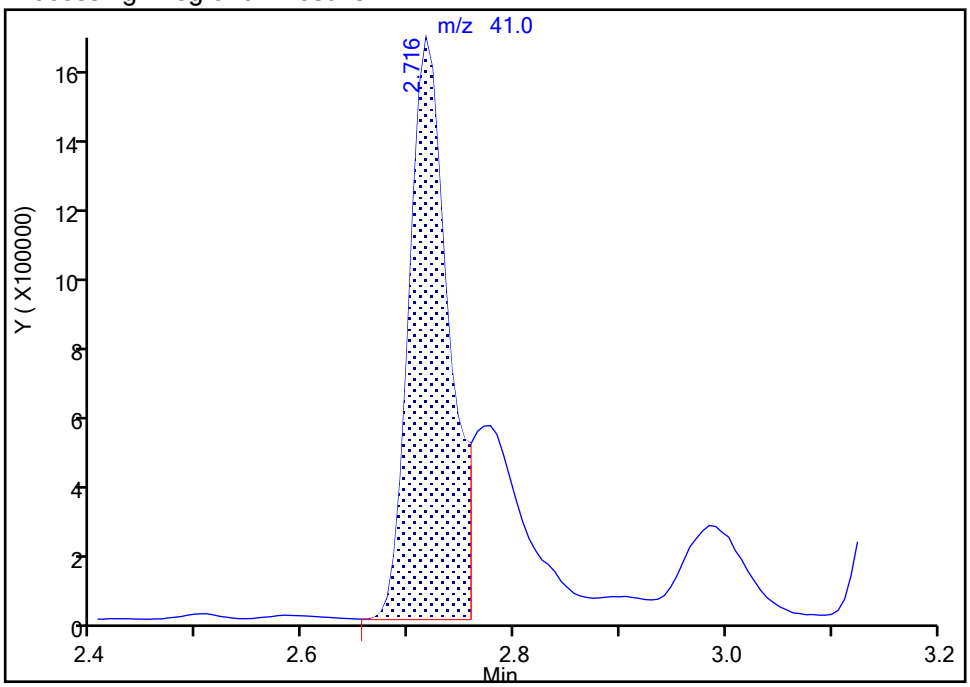
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D
Injection Date: 20-Sep-2024 13:20:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

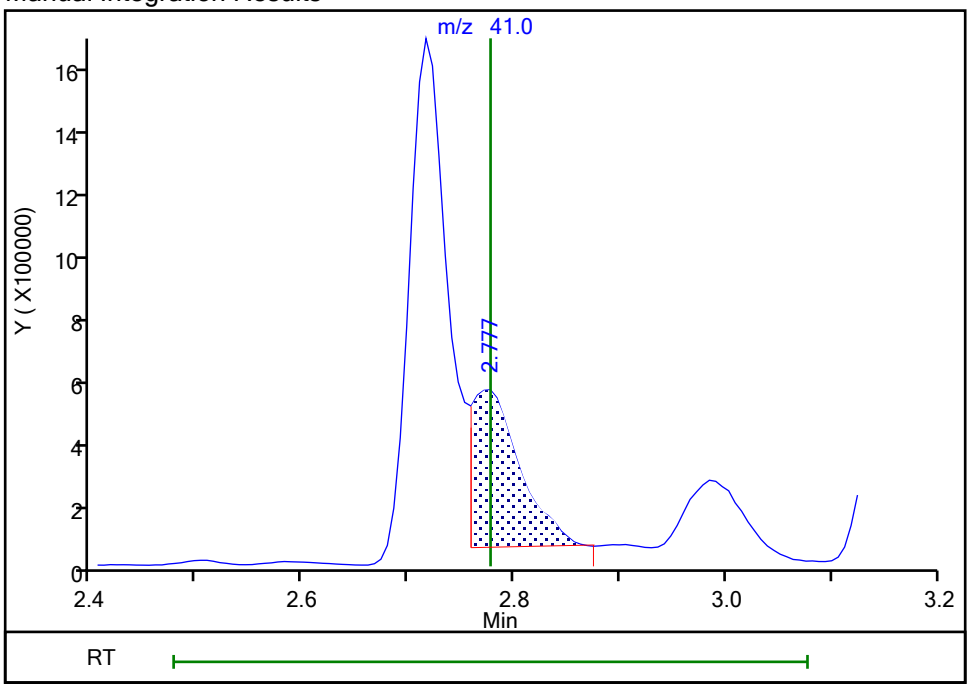
Processing Integration Results

RT: 2.72
Area: 4321000
Amount: 5003.6814
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 1569743
Amount: 3711.9040
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:53:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

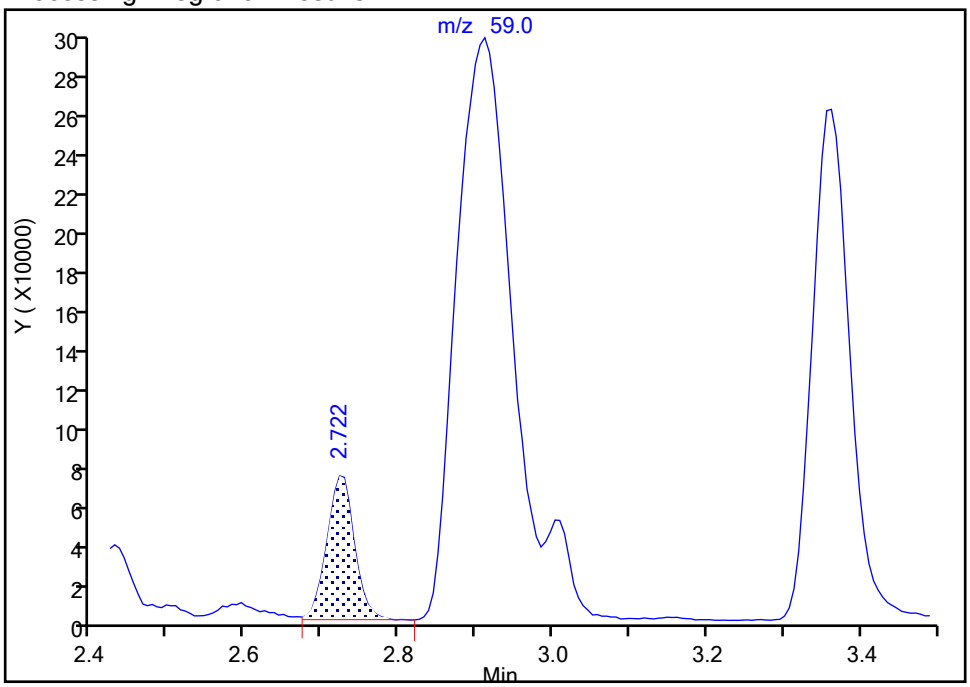
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D
Injection Date: 20-Sep-2024 13:20:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

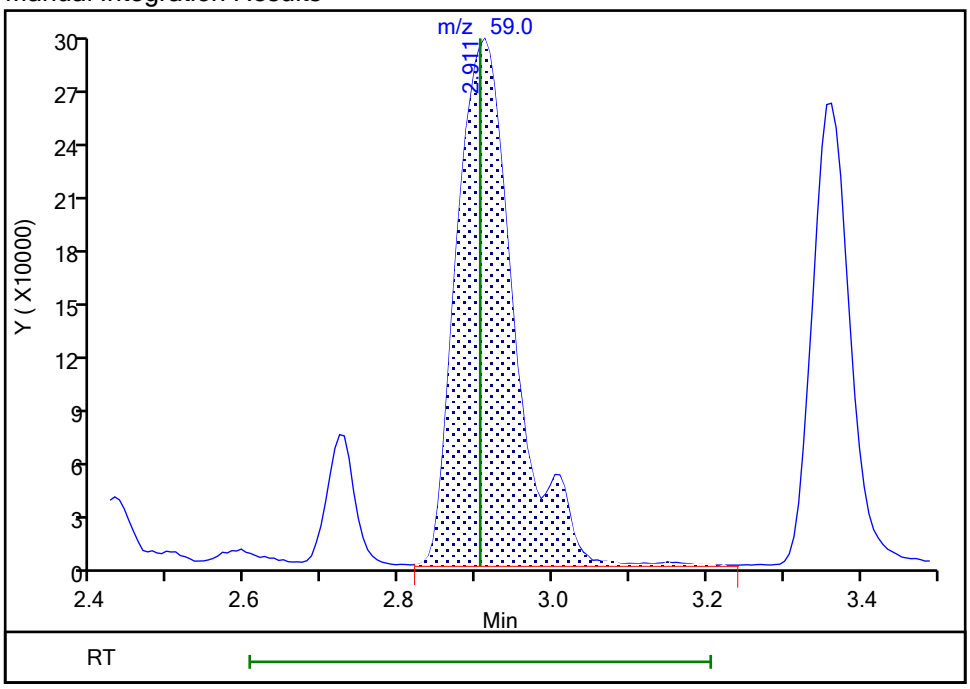
Processing Integration Results

RT: 2.72
Area: 184740
Amount: 761.8012
Amount Units: ug/l



Manual Integration Results

RT: 2.91
Area: 1546736
Amount: 5427.7302
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:53:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

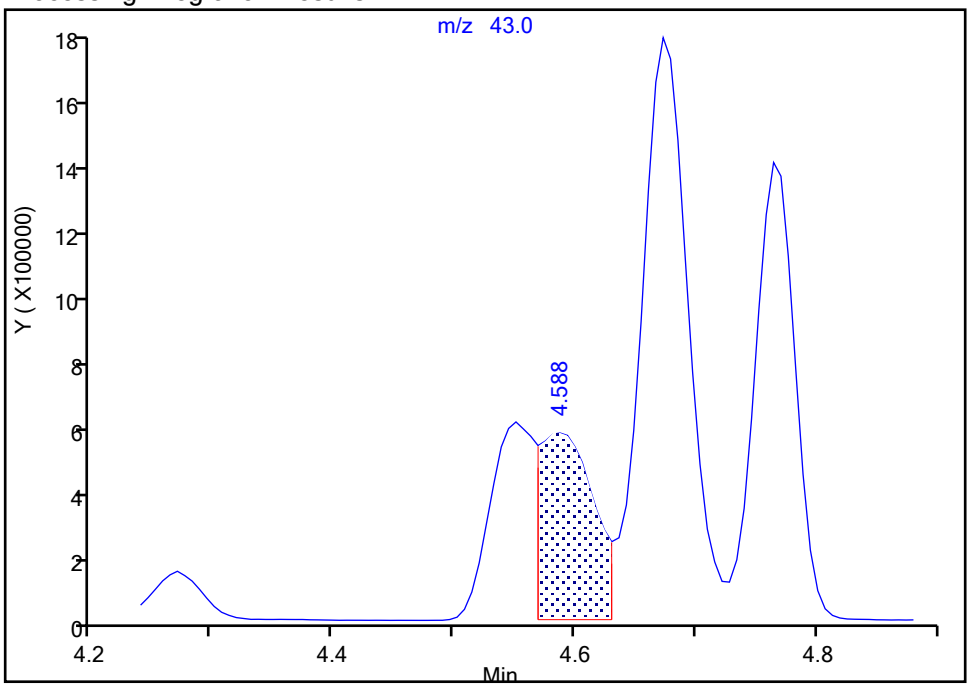
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D
Injection Date: 20-Sep-2024 13:20:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

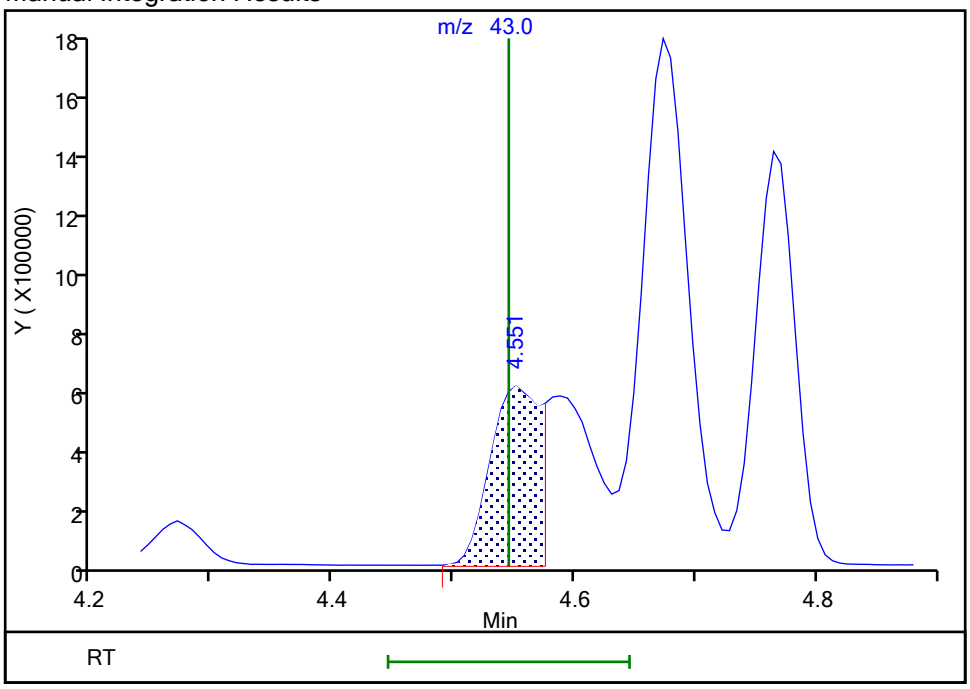
Processing Integration Results

RT: 4.59
Area: 1808833
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 1780524
Amount: 14265
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:52:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

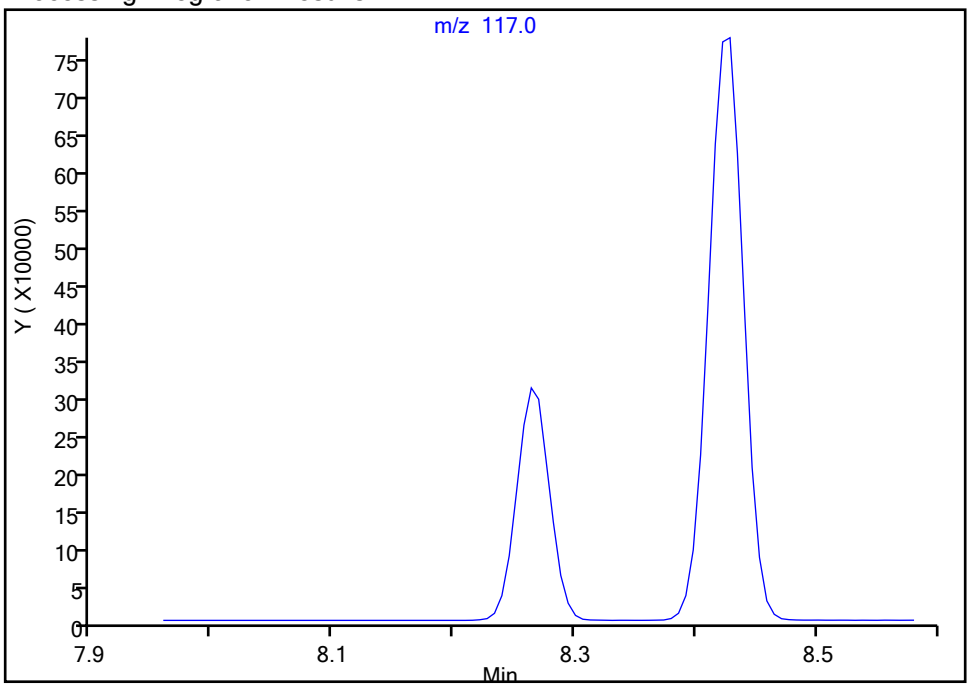
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D
Injection Date: 20-Sep-2024 13:20:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

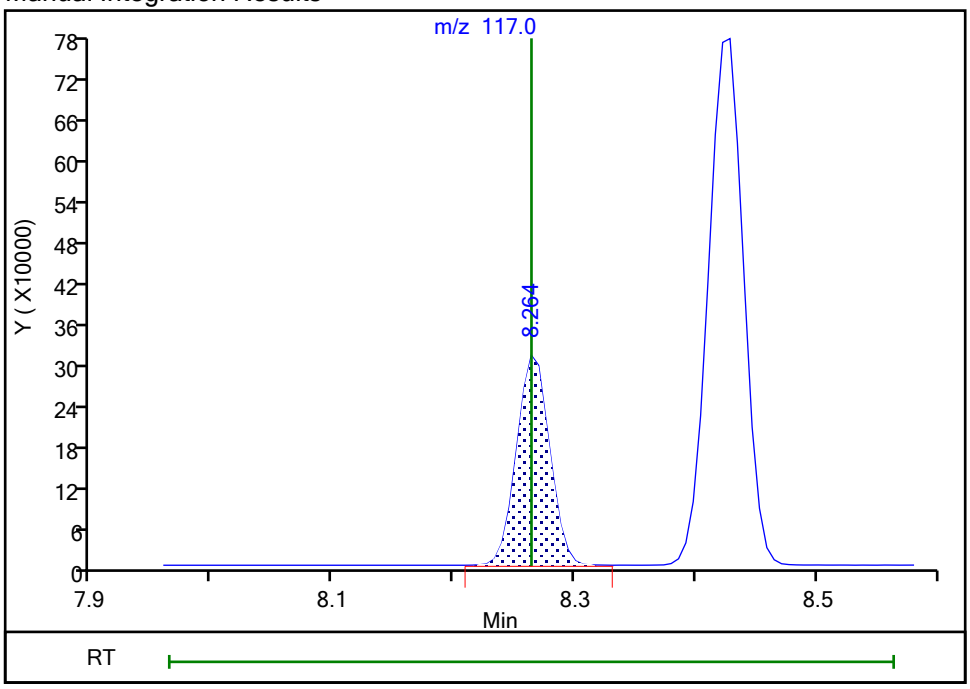
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.26
Area: 585729
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 20-Sep-2024 13:54:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

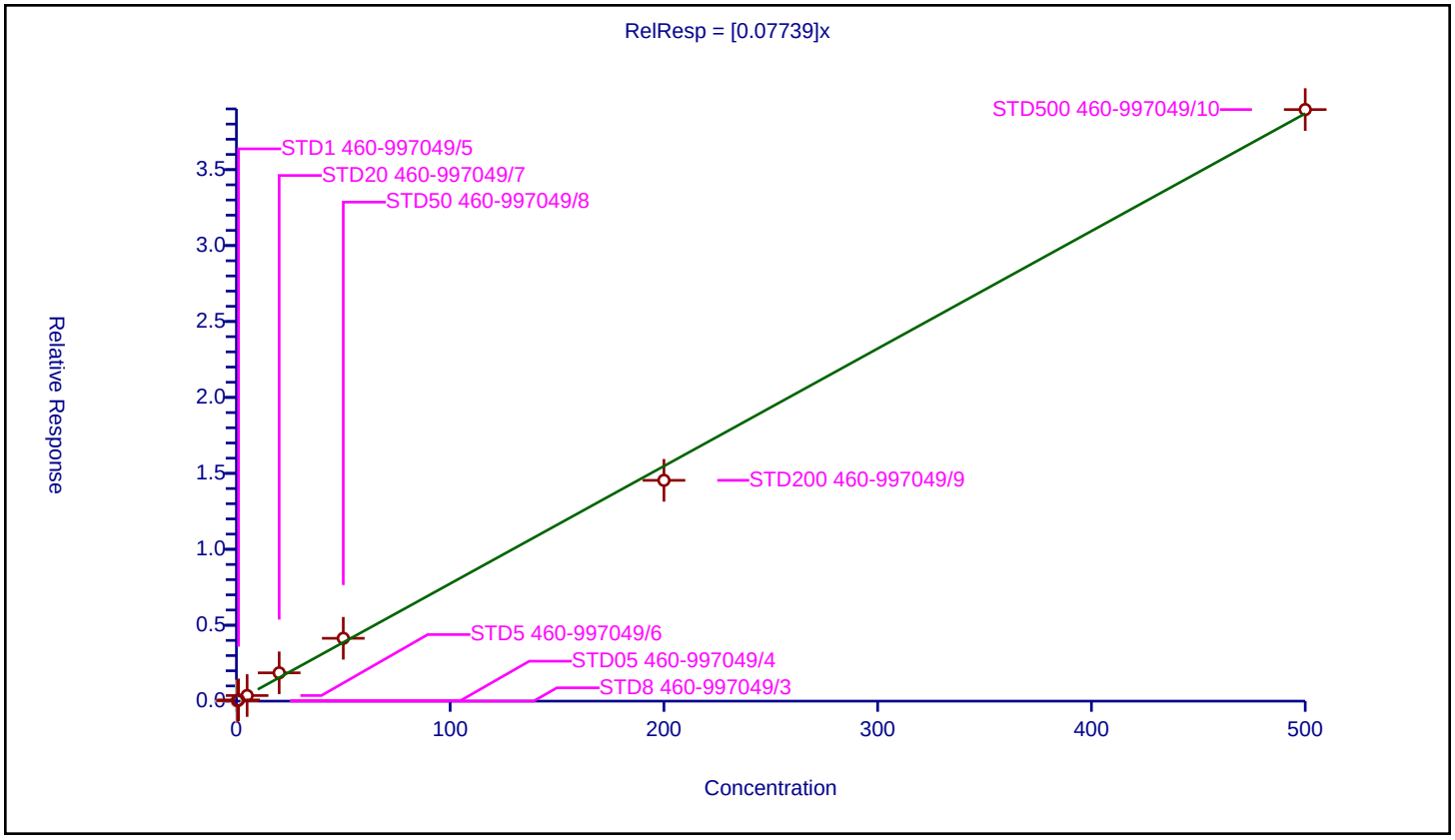
Curve Coefficients

Intercept:	0
Slope:	0.07739

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.030831	50.0	736273.0	0.061662	Y
3	STD1 460-997049/5	1.0	0.079749	50.0	759883.0	0.079749	Y
4	STD5 460-997049/6	5.0	0.368884	50.0	747661.0	0.073777	Y
5	STD20 460-997049/7	20.0	1.863176	50.0	728192.0	0.093159	Y
6	STD50 460-997049/8	50.0	4.138243	50.0	793936.0	0.082765	Y
7	STD200 460-997049/9	200.0	14.539681	50.0	800217.0	0.072698	Y
8	STD500 460-997049/10	500.0	38.953989	50.0	818309.0	0.077908	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

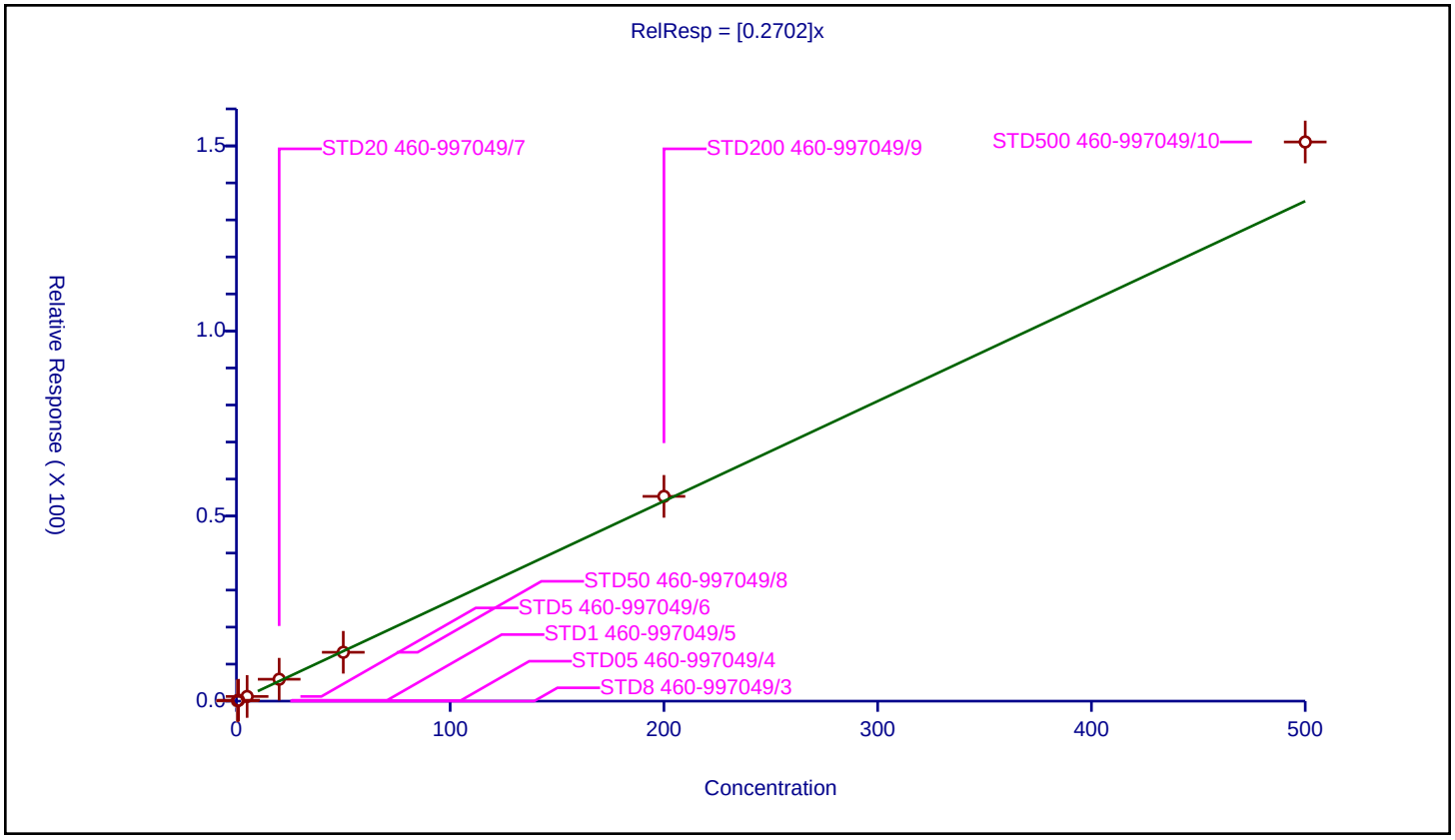
Curve Coefficients

Intercept:	0
Slope:	0.2702

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.128485	50.0	736273.0	0.25697	Y
3	STD1 460-997049/5	1.0	0.242472	50.0	759883.0	0.242472	Y
4	STD5 460-997049/6	5.0	1.26548	50.0	747661.0	0.253096	Y
5	STD20 460-997049/7	20.0	5.916709	50.0	728192.0	0.295835	Y
6	STD50 460-997049/8	50.0	13.198923	50.0	793936.0	0.263978	Y
7	STD200 460-997049/9	200.0	55.320432	50.0	800217.0	0.276602	Y
8	STD500 460-997049/10	500.0	151.060296	50.0	818309.0	0.302121	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

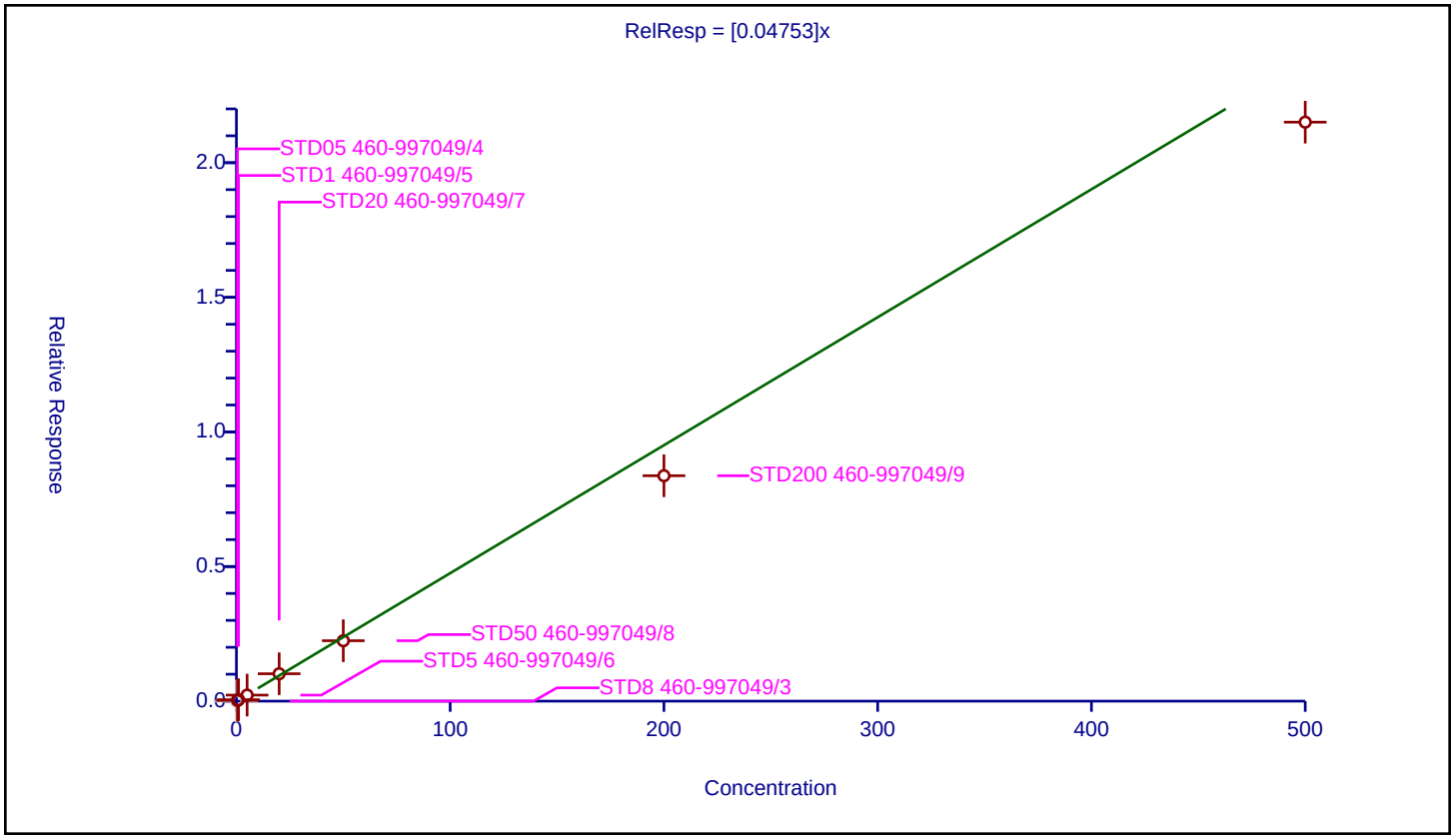
Curve Coefficients

Intercept:	0
Slope:	0.04753

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.027096	50.0	736273.0	0.054192	Y
3	STD1 460-997049/5	1.0	0.053034	50.0	759883.0	0.053034	Y
4	STD5 460-997049/6	5.0	0.224233	50.0	747661.0	0.044847	Y
5	STD20 460-997049/7	20.0	1.018001	50.0	728192.0	0.0509	Y
6	STD50 460-997049/8	50.0	2.244073	50.0	793936.0	0.044881	Y
7	STD200 460-997049/9	200.0	8.373229	50.0	800217.0	0.041866	Y
8	STD500 460-997049/10	500.0	21.507646	50.0	818309.0	0.043015	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

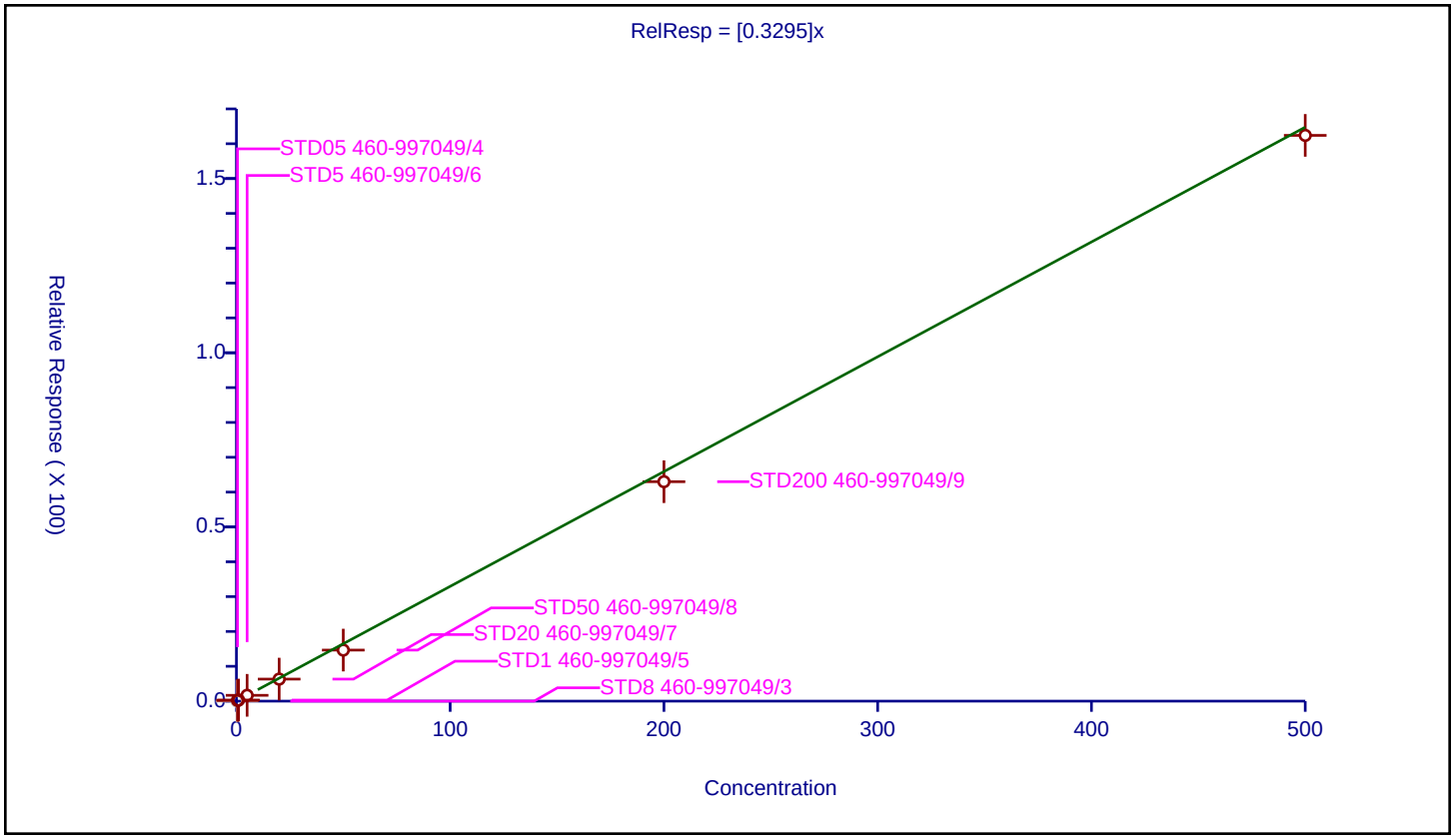
Curve Coefficients

Intercept:	0
Slope:	0.3295

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.208958	50.0	736273.0	0.417916	Y
3	STD1 460-997049/5	1.0	0.30531	50.0	759883.0	0.30531	Y
4	STD5 460-997049/6	5.0	1.67061	50.0	747661.0	0.334122	Y
5	STD20 460-997049/7	20.0	6.324843	50.0	728192.0	0.316242	Y
6	STD50 460-997049/8	50.0	14.653322	50.0	793936.0	0.293066	Y
7	STD200 460-997049/9	200.0	62.994975	50.0	800217.0	0.314975	Y
8	STD500 460-997049/10	500.0	162.396723	50.0	818309.0	0.324793	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

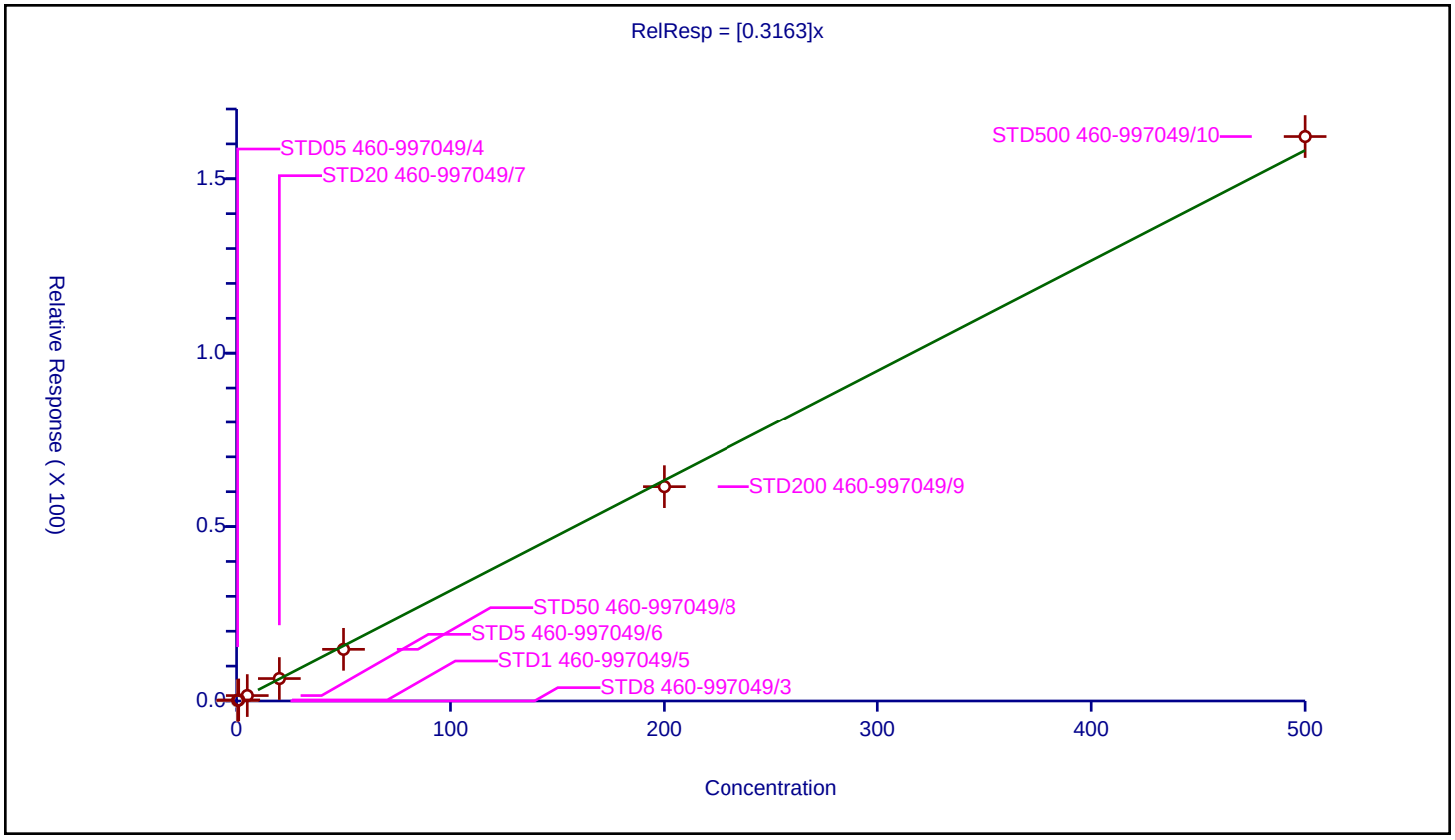
Curve Coefficients

Intercept:	0
Slope:	0.3163

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.174596	50.0	736273.0	0.349191	Y
3	STD1 460-997049/5	1.0	0.303928	50.0	759883.0	0.303928	Y
4	STD5 460-997049/6	5.0	1.55846	50.0	747661.0	0.311692	Y
5	STD20 460-997049/7	20.0	6.433811	50.0	728192.0	0.321691	Y
6	STD50 460-997049/8	50.0	14.811962	50.0	793936.0	0.296239	Y
7	STD200 460-997049/9	200.0	61.450956	50.0	800217.0	0.307255	Y
8	STD500 460-997049/10	500.0	162.113517	50.0	818309.0	0.324227	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

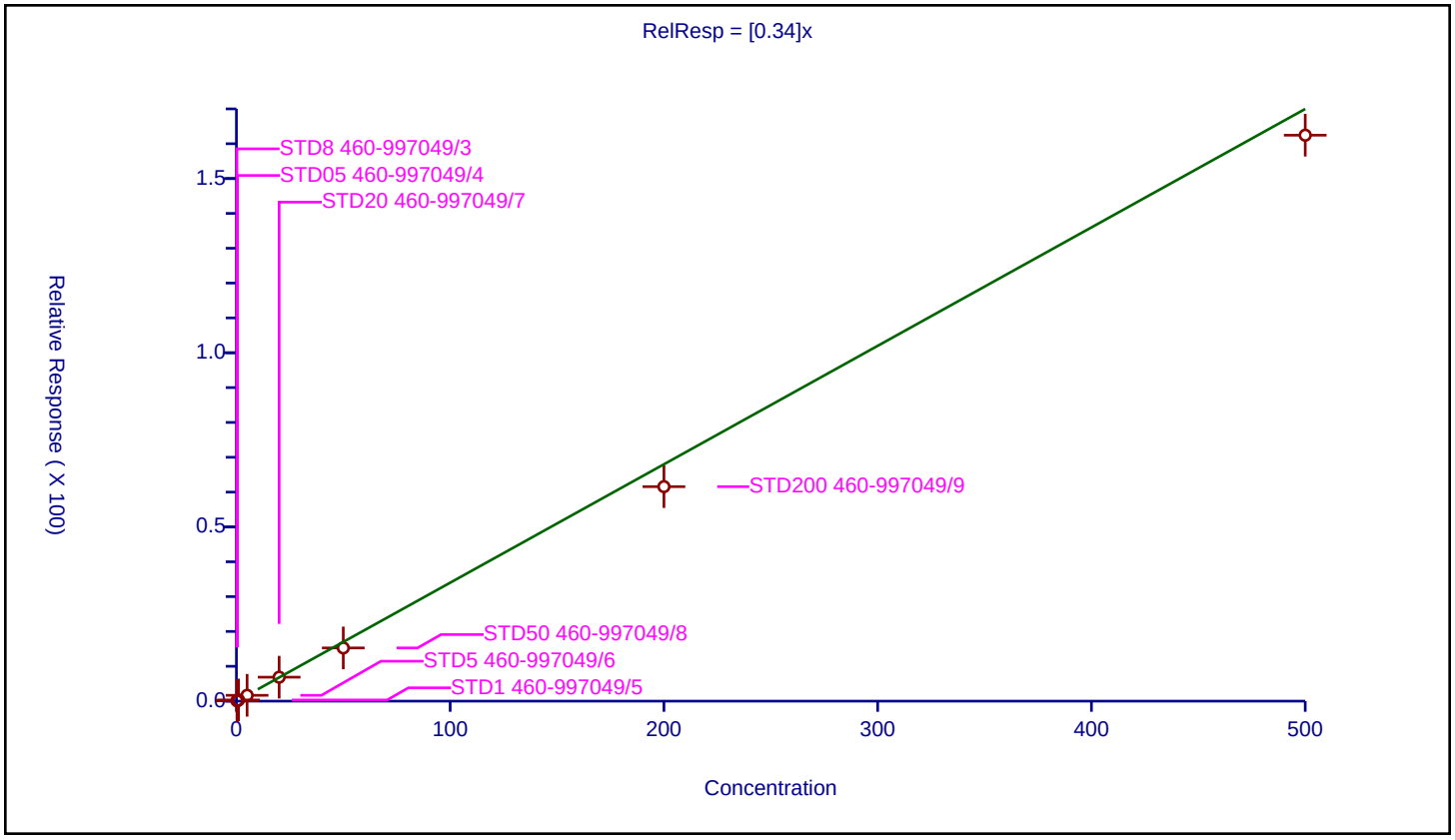
Curve Coefficients

Intercept:	0
Slope:	0.34

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.10055	50.0	768275.0	0.4022	Y
2	STD05 460-997049/4	0.5	0.18485	50.0	736273.0	0.3697	Y
3	STD1 460-997049/5	1.0	0.331433	50.0	759883.0	0.331433	Y
4	STD5 460-997049/6	5.0	1.672282	50.0	747661.0	0.334456	Y
5	STD20 460-997049/7	20.0	6.874973	50.0	728192.0	0.343749	Y
6	STD50 460-997049/8	50.0	15.26943	50.0	793936.0	0.305389	Y
7	STD200 460-997049/9	200.0	61.5673	50.0	800217.0	0.307836	Y
8	STD500 460-997049/10	500.0	162.449637	50.0	818309.0	0.324899	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

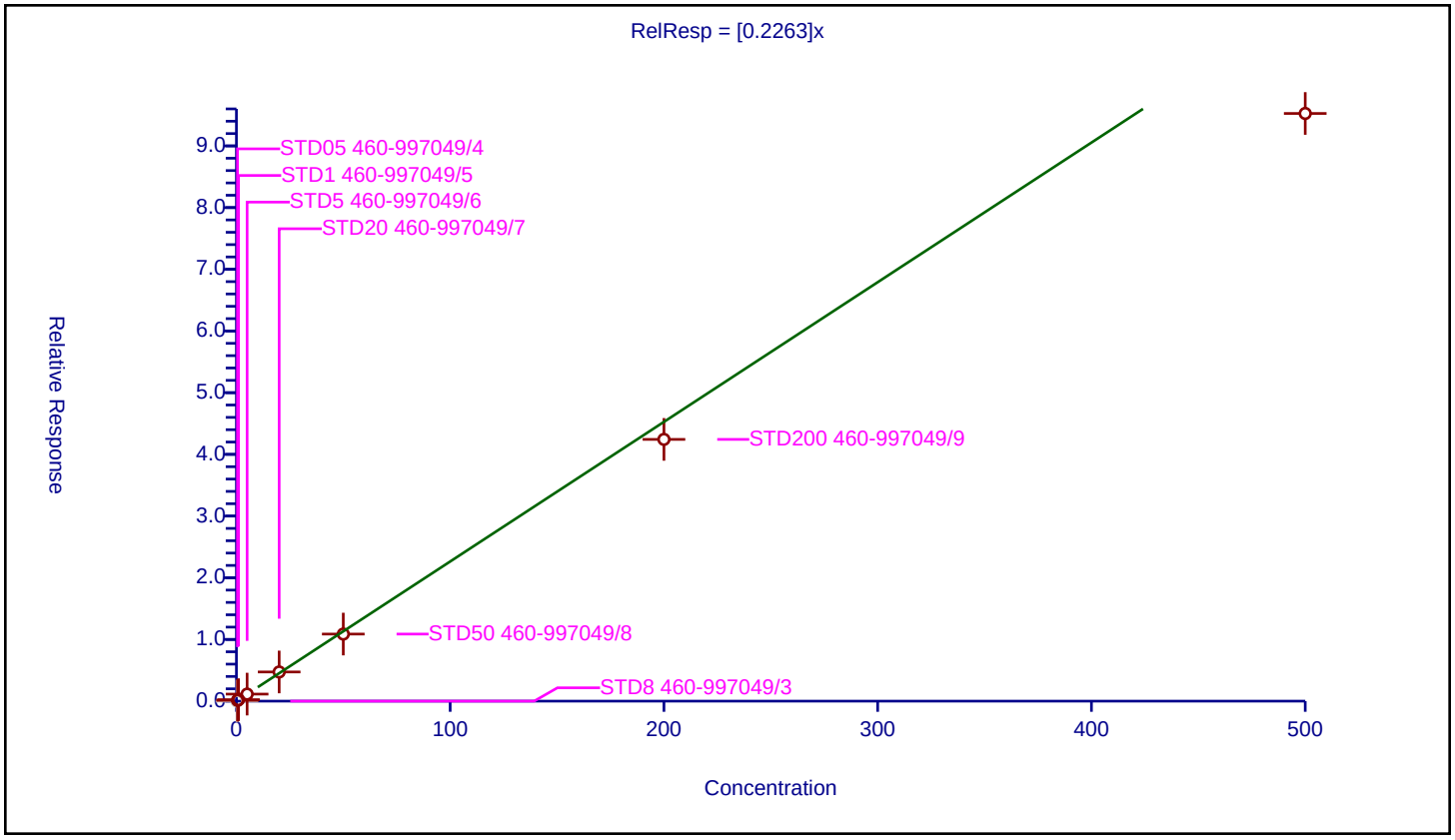
Curve Coefficients

Intercept:	0
Slope:	0.2263

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.131066	50.0	736273.0	0.262131	Y
3	STD1 460-997049/5	1.0	0.237208	50.0	759883.0	0.237208	Y
4	STD5 460-997049/6	5.0	1.142965	50.0	747661.0	0.228593	Y
5	STD20 460-997049/7	20.0	4.727943	50.0	728192.0	0.236397	Y
6	STD50 460-997049/8	50.0	10.87235	50.0	793936.0	0.217447	Y
7	STD200 460-997049/9	200.0	42.429366	50.0	800217.0	0.212147	Y
8	STD500 460-997049/10	500.0	95.259492	50.0	818309.0	0.190519	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

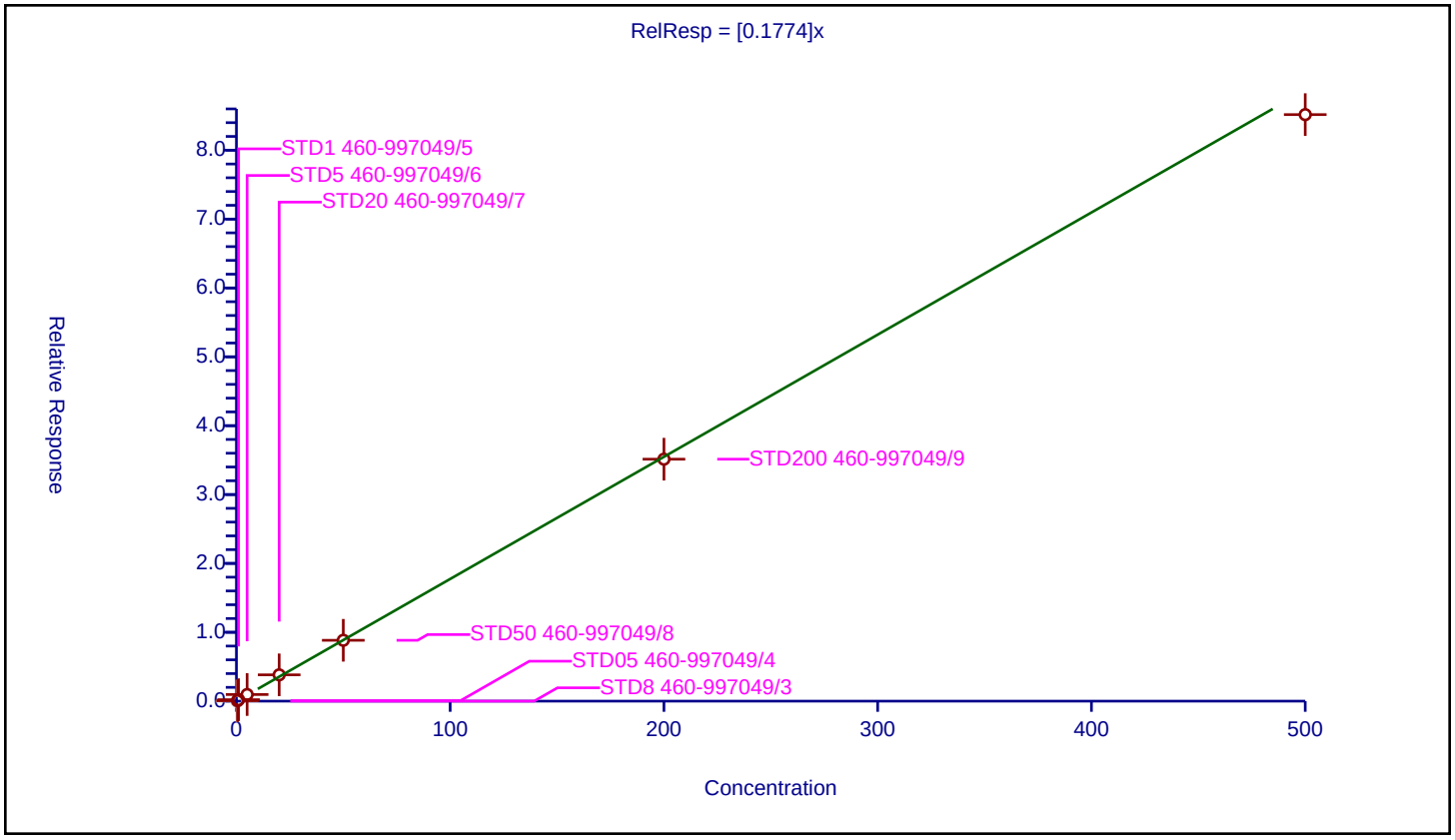
Curve Coefficients

Intercept:	0
Slope:	0.1774

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.063292	50.0	736273.0	0.126583	Y
3	STD1 460-997049/5	1.0	0.209638	50.0	759883.0	0.209638	Y
4	STD5 460-997049/6	5.0	0.95966	50.0	747661.0	0.191932	Y
5	STD20 460-997049/7	20.0	3.817262	50.0	728192.0	0.190863	Y
6	STD50 460-997049/8	50.0	8.836732	50.0	793936.0	0.176735	Y
7	STD200 460-997049/9	200.0	35.134657	50.0	800217.0	0.175673	Y
8	STD500 460-997049/10	500.0	85.169478	50.0	818309.0	0.170339	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

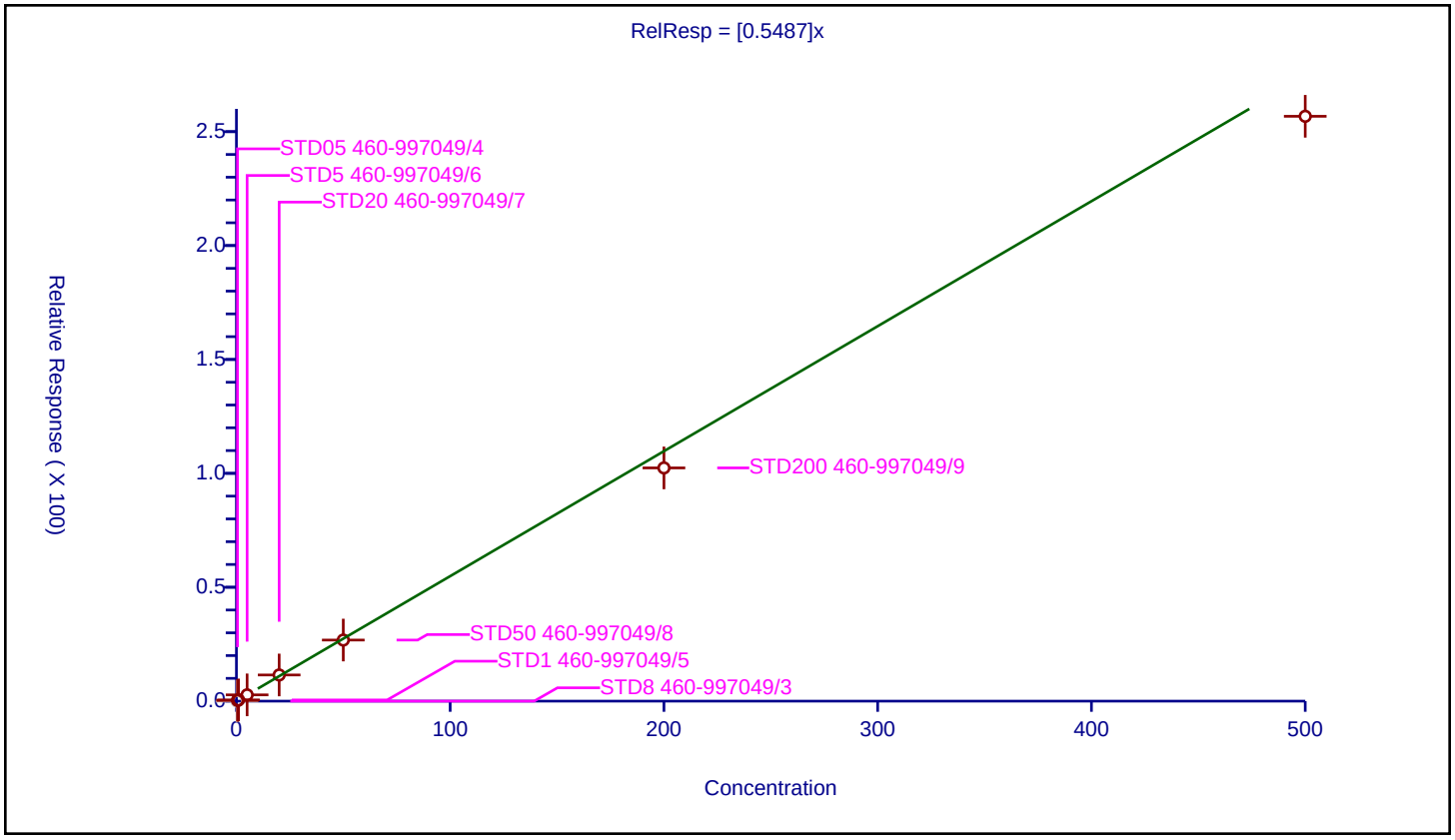
Curve Coefficients

Intercept:	0
Slope:	0.5487

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.3187	50.0	736273.0	0.637399	Y
3	STD1 460-997049/5	1.0	0.516329	50.0	759883.0	0.516329	Y
4	STD5 460-997049/6	5.0	2.75439	50.0	747661.0	0.550878	Y
5	STD20 460-997049/7	20.0	11.488728	50.0	728192.0	0.574436	Y
6	STD50 460-997049/8	50.0	26.81463	50.0	793936.0	0.536293	Y
7	STD200 460-997049/9	200.0	102.385728	50.0	800217.0	0.511929	Y
8	STD500 460-997049/10	500.0	256.753867	50.0	818309.0	0.513508	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

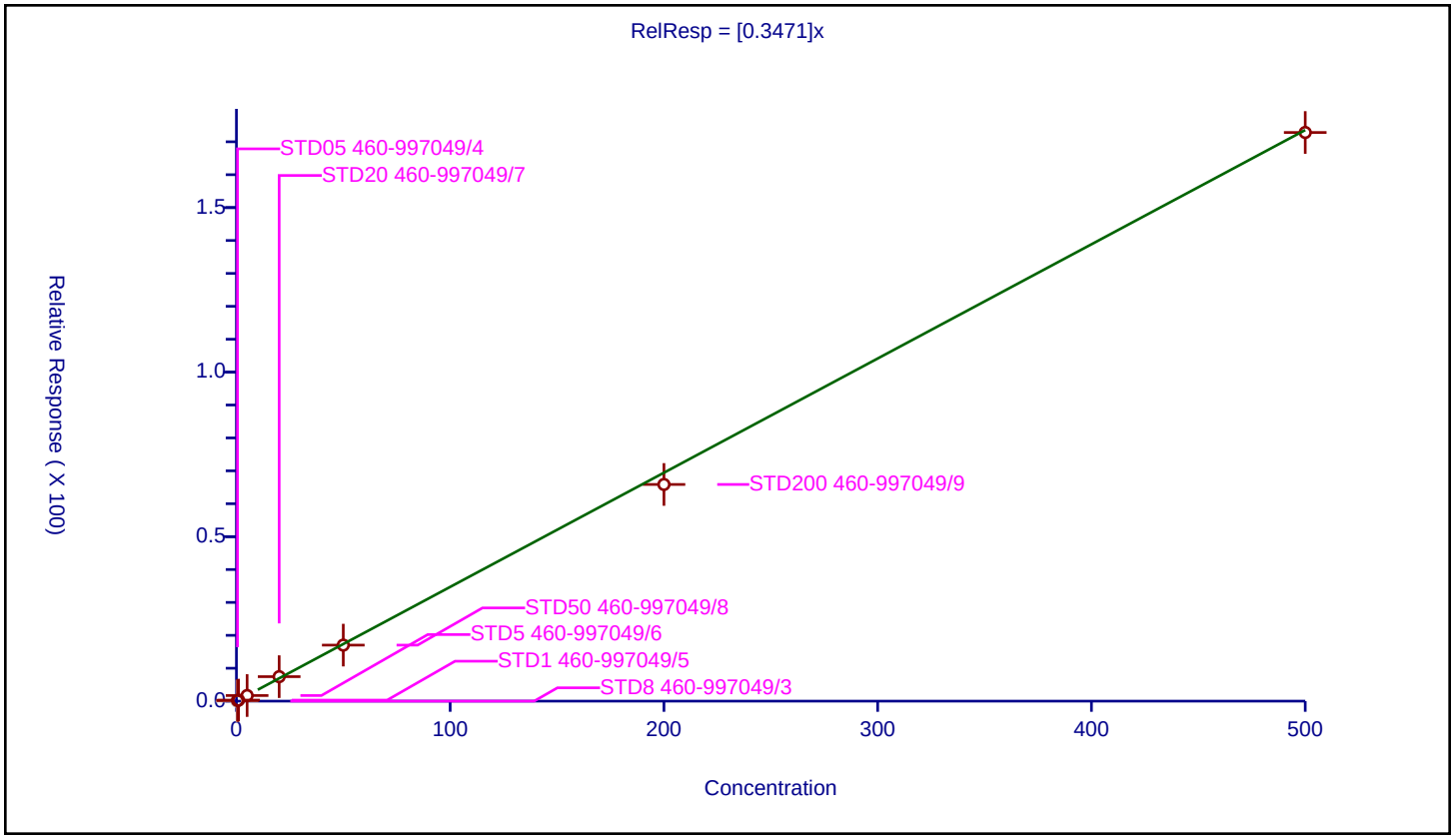
Curve Coefficients

Intercept:	0
Slope:	0.3471

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.25	0.0	50.0	768275.0	0.0	N
2	STD05 460-997049/4	0.5	0.19395	50.0	736273.0	0.3879	Y
3	STD1 460-997049/5	1.0	0.314062	50.0	759883.0	0.314062	Y
4	STD5 460-997049/6	5.0	1.702041	50.0	747661.0	0.340408	Y
5	STD20 460-997049/7	20.0	7.439178	50.0	728192.0	0.371959	Y
6	STD50 460-997049/8	50.0	17.030907	50.0	793936.0	0.340618	Y
7	STD200 460-997049/9	200.0	65.851638	50.0	800217.0	0.329258	Y
8	STD500 460-997049/10	500.0	172.826463	50.0	818309.0	0.345653	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

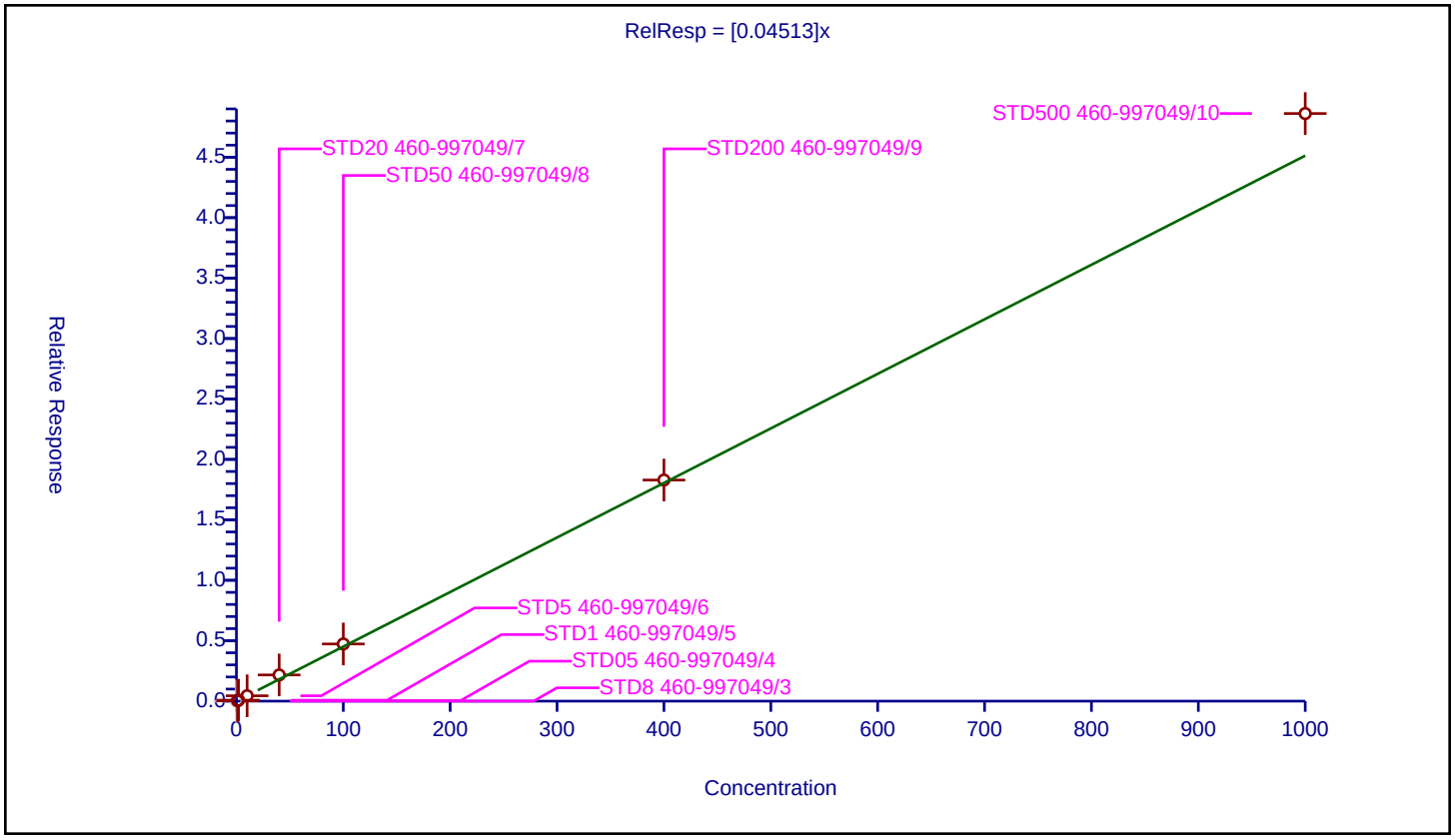
Curve Coefficients

Intercept:	0
Slope:	0.04513

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	1.0	0.035177	50.0	736273.0	0.035177	Y
3	STD1 460-997049/5	2.0	0.081197	50.0	759883.0	0.040598	Y
4	STD5 460-997049/6	10.0	0.443249	50.0	747661.0	0.044325	Y
5	STD20 460-997049/7	40.0	2.166118	50.0	728192.0	0.054153	Y
6	STD50 460-997049/8	100.0	4.729852	50.0	793936.0	0.047299	Y
7	STD200 460-997049/9	400.0	18.292976	50.0	800217.0	0.045732	Y
8	STD500 460-997049/10	1000.0	48.61556	50.0	818309.0	0.048616	Y



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Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

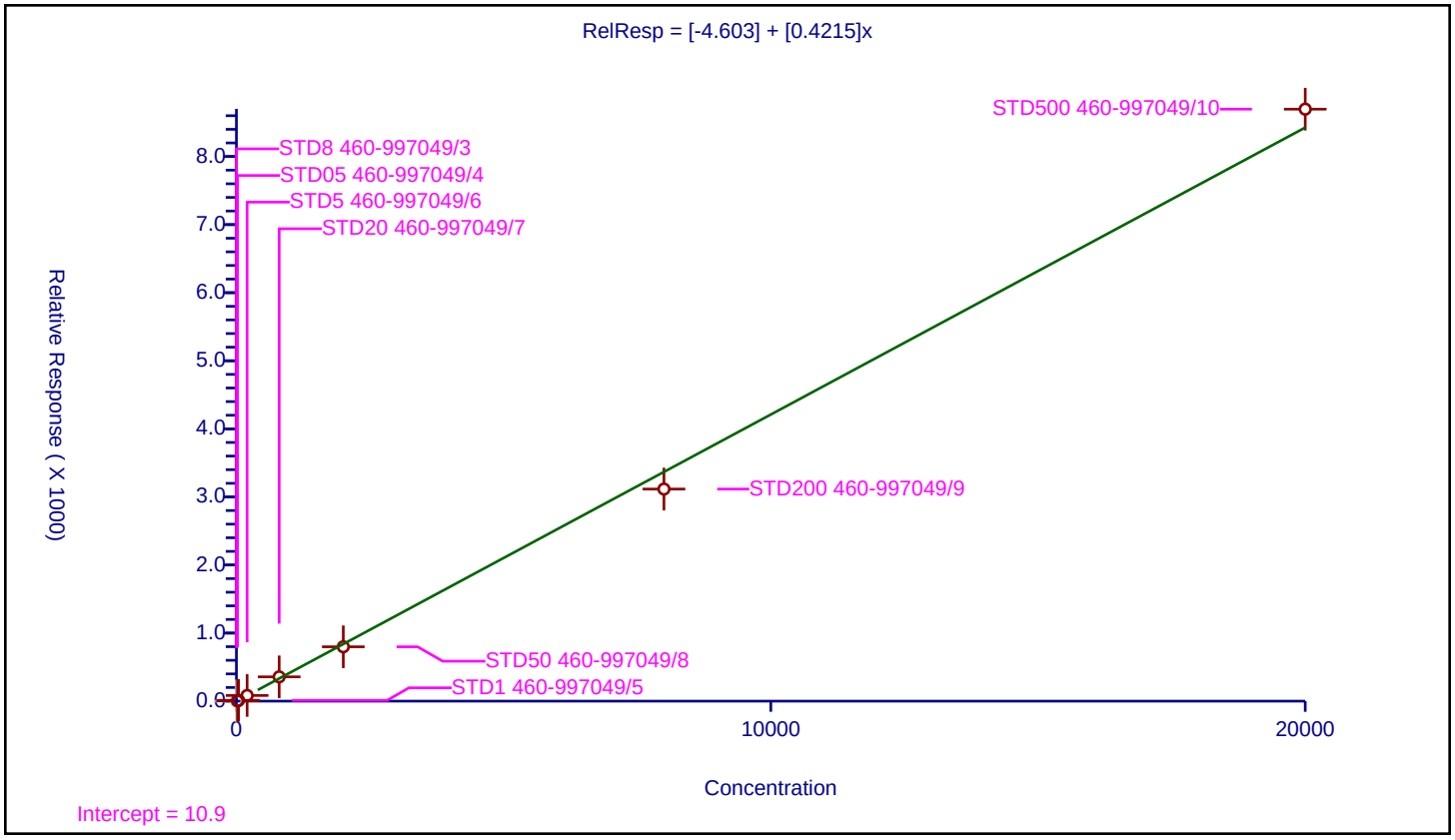
Curve Coefficients

Intercept:	-4.603
Slope:	0.4215

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	20.0	3.936173	1000.0	33027.0	0.196809	Y
3	STD1 460-997049/5	40.0	11.639529	1000.0	31015.0	0.290988	Y
4	STD5 460-997049/6	200.0	83.315472	1000.0	32659.0	0.416577	Y
5	STD20 460-997049/7	800.0	356.512436	1000.0	33651.0	0.445641	Y
6	STD50 460-997049/8	2000.0	798.502646	1000.0	38735.0	0.399251	Y
7	STD200 460-997049/9	8000.0	3115.359211	1000.0	39364.0	0.38942	Y
8	STD500 460-997049/10	20000.0	8695.910898	1000.0	37979.0	0.434796	Y



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

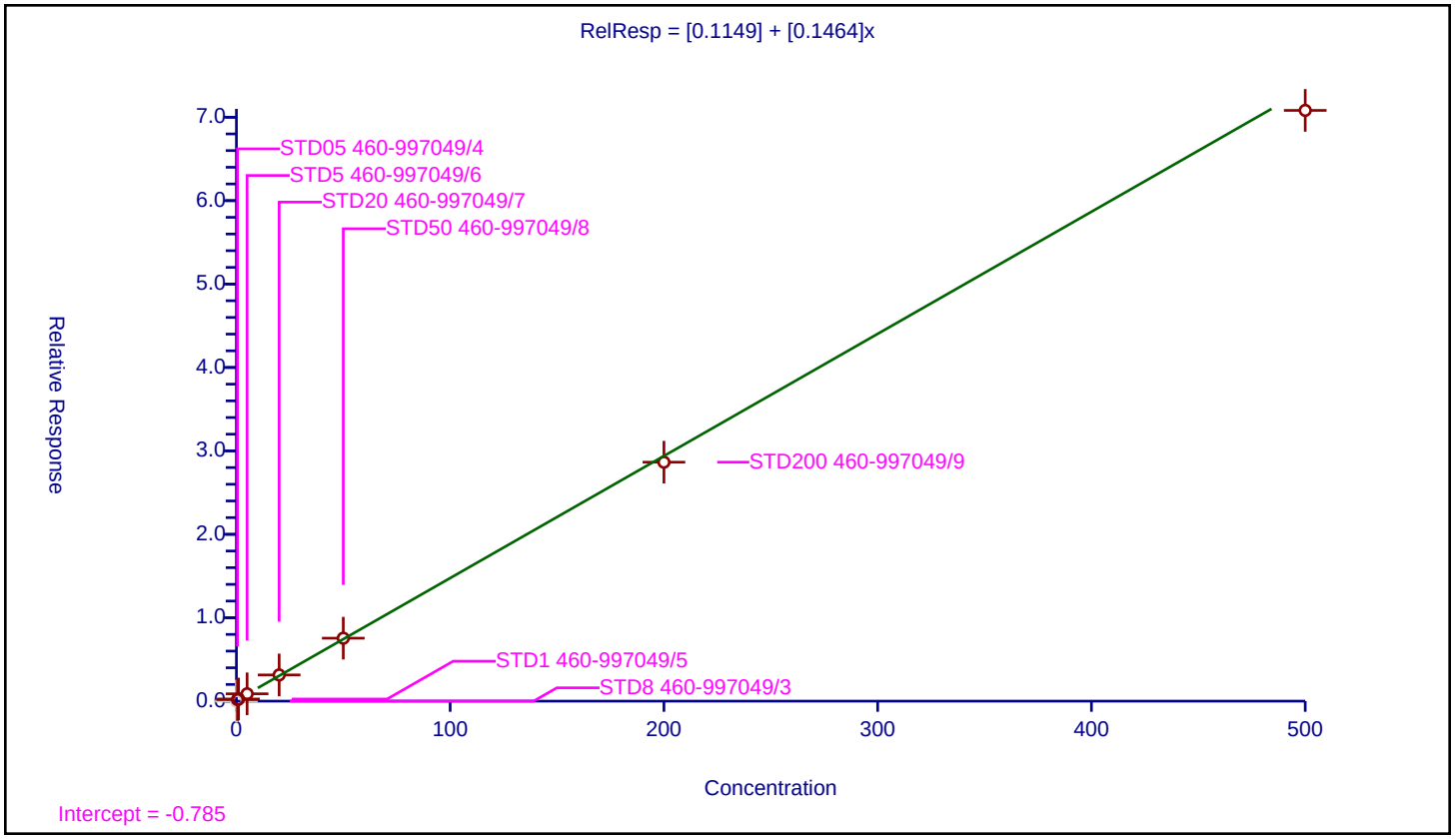
Curve Coefficients

Intercept:	0.1149
Slope:	0.1464

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.189739	50.0	736273.0	0.379479	Y
3	STD1 460-997049/5	1.0	0.253197	50.0	759883.0	0.253197	Y
4	STD5 460-997049/6	5.0	0.879142	50.0	747661.0	0.175828	Y
5	STD20 460-997049/7	20.0	3.139831	50.0	728192.0	0.156992	Y
6	STD50 460-997049/8	50.0	7.54557	50.0	793936.0	0.150911	Y
7	STD200 460-997049/9	200.0	28.645043	50.0	800217.0	0.143225	Y
8	STD500 460-997049/10	500.0	70.816464	50.0	818309.0	0.141633	Y



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Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

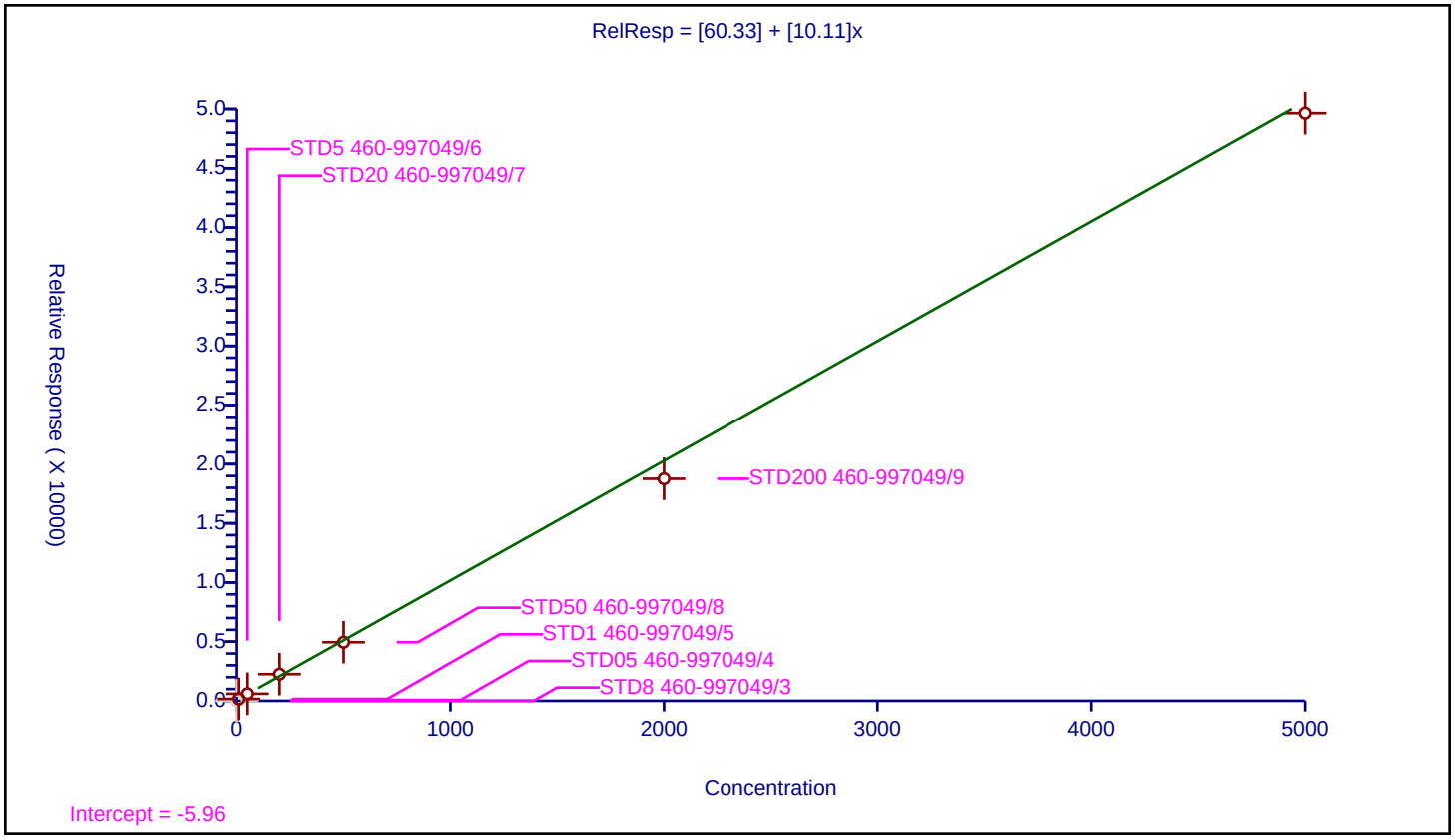
Curve Coefficients

Intercept:	60.33
Slope:	10.11

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	5.0	78.632634	1000.0	33027.0	15.726527	N
3	STD1 460-997049/5	10.0	159.987103	1000.0	31015.0	15.99871	Y
4	STD5 460-997049/6	50.0	594.72121	1000.0	32659.0	11.894424	Y
5	STD20 460-997049/7	200.0	2254.672967	1000.0	33651.0	11.273365	Y
6	STD50 460-997049/8	500.0	4952.807538	1000.0	38735.0	9.905615	Y
7	STD200 460-997049/9	2000.0	18763.133828	1000.0	39364.0	9.381567	Y
8	STD500 460-997049/10	5000.0	49647.542063	1000.0	37979.0	9.929508	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

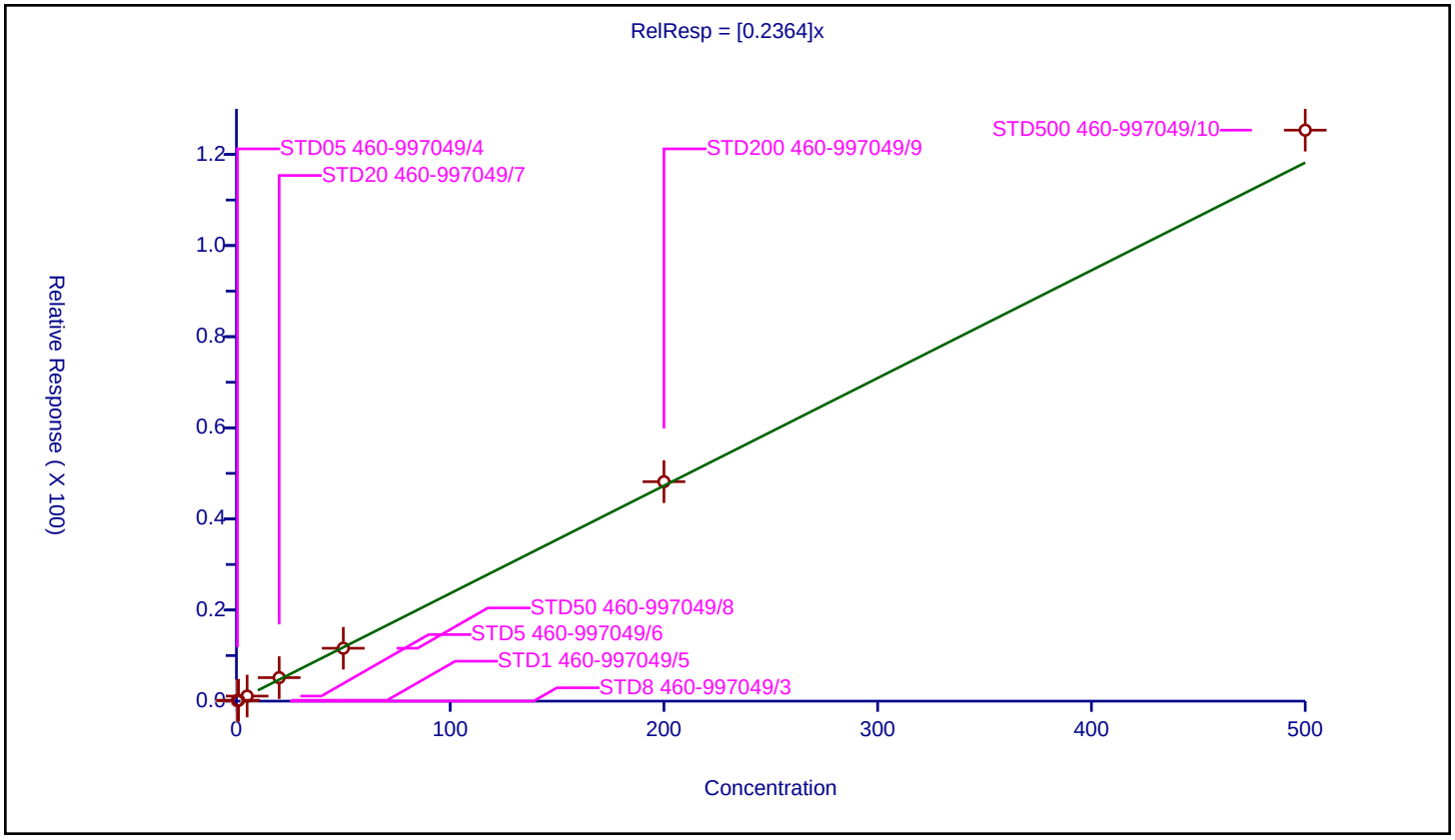
Curve Coefficients

Intercept:	0
Slope:	0.2364

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.124818	50.0	736273.0	0.249636	Y
3	STD1 460-997049/5	1.0	0.200031	50.0	759883.0	0.200031	Y
4	STD5 460-997049/6	5.0	1.116148	50.0	747661.0	0.22323	Y
5	STD20 460-997049/7	20.0	5.161894	50.0	728192.0	0.258095	Y
6	STD50 460-997049/8	50.0	11.615798	50.0	793936.0	0.232316	Y
7	STD200 460-997049/9	200.0	48.173558	50.0	800217.0	0.240868	Y
8	STD500 460-997049/10	500.0	125.335051	50.0	818309.0	0.25067	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

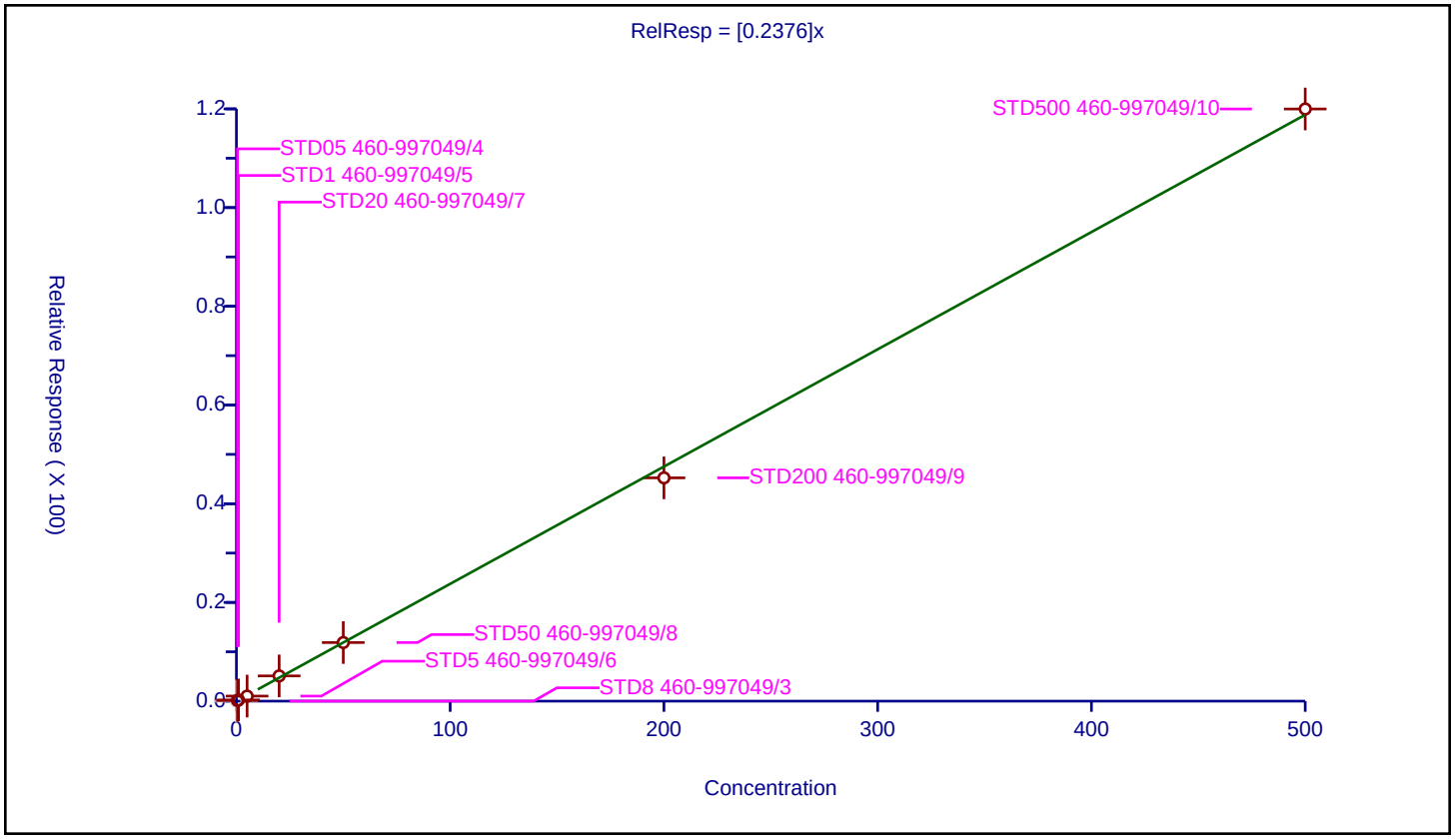
Curve Coefficients

Intercept:	0
Slope:	0.2376

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.129639	50.0	736273.0	0.259279	Y
3	STD1 460-997049/5	1.0	0.238853	50.0	759883.0	0.238853	Y
4	STD5 460-997049/6	5.0	1.028875	50.0	747661.0	0.205775	Y
5	STD20 460-997049/7	20.0	5.114311	50.0	728192.0	0.255716	Y
6	STD50 460-997049/8	50.0	11.874572	50.0	793936.0	0.237491	Y
7	STD200 460-997049/9	200.0	45.243228	50.0	800217.0	0.226216	Y
8	STD500 460-997049/10	500.0	119.980105	50.0	818309.0	0.23996	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

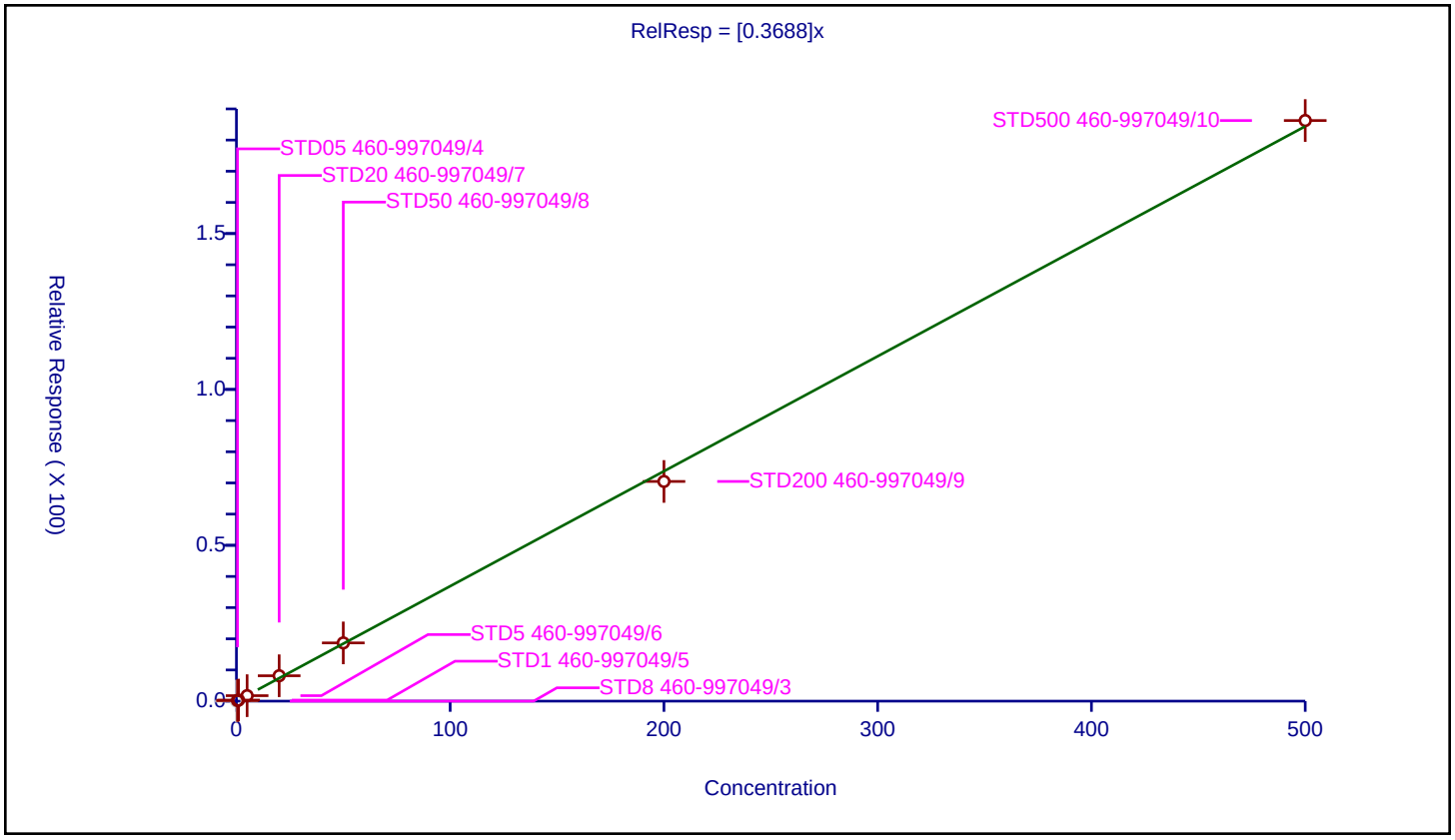
Curve Coefficients

Intercept:	0
Slope:	0.3688

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.190962	50.0	736273.0	0.381924	Y
3	STD1 460-997049/5	1.0	0.341697	50.0	759883.0	0.341697	Y
4	STD5 460-997049/6	5.0	1.759554	50.0	747661.0	0.351911	Y
5	STD20 460-997049/7	20.0	8.151353	50.0	728192.0	0.407568	Y
6	STD50 460-997049/8	50.0	18.678773	50.0	793936.0	0.373575	Y
7	STD200 460-997049/9	200.0	70.477196	50.0	800217.0	0.352386	Y
8	STD500 460-997049/10	500.0	186.268207	50.0	818309.0	0.372536	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

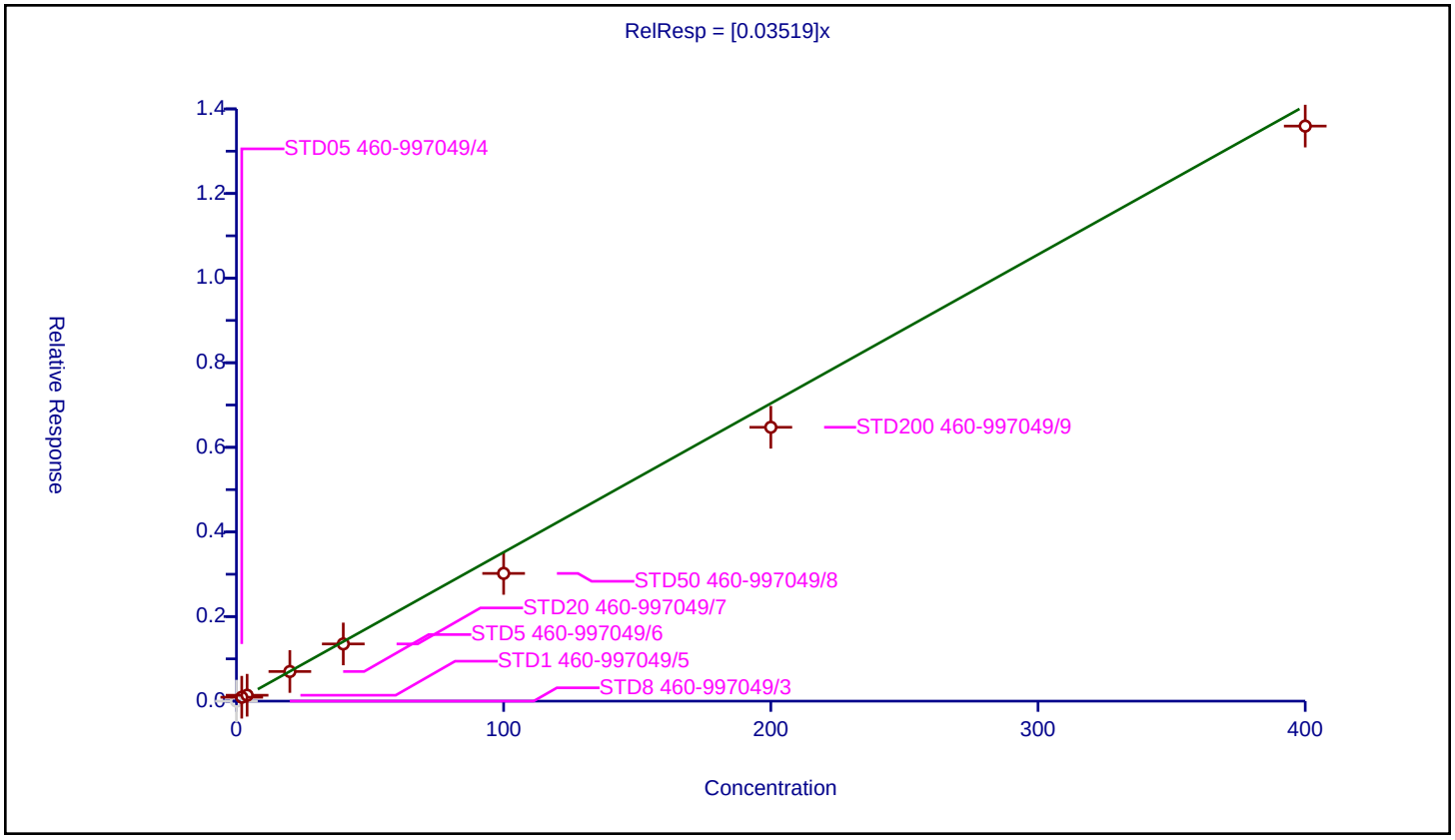
Curve Coefficients

Intercept:	0
Slope:	0.03519

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	2.0	0.092017	50.0	736273.0	0.046009	Y
3	STD1 460-997049/5	4.0	0.139758	50.0	759883.0	0.03494	Y
4	STD5 460-997049/6	20.0	0.700251	50.0	747661.0	0.035013	Y
5	STD20 460-997049/7	40.0	1.352116	50.0	728192.0	0.033803	Y
6	STD50 460-997049/8	100.0	3.019513	50.0	793936.0	0.030195	Y
7	STD200 460-997049/9	200.0	6.473806	50.0	800217.0	0.032369	Y
8	STD500 460-997049/10	400.0	13.593765	50.0	818309.0	0.033984	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

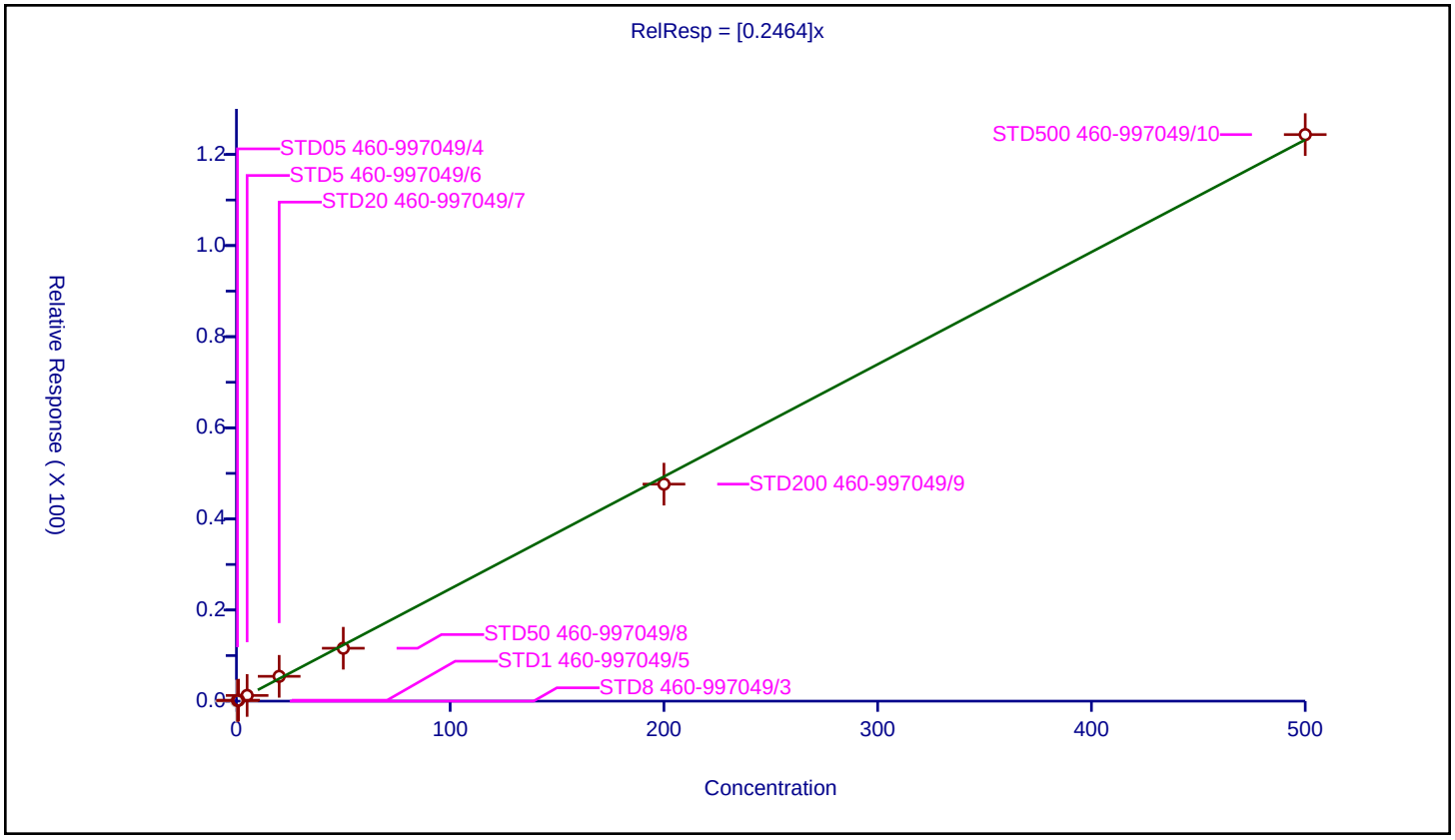
Curve Coefficients

Intercept:	0
Slope:	0.2464

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.138739	50.0	736273.0	0.277479	Y
3	STD1 460-997049/5	1.0	0.206019	50.0	759883.0	0.206019	Y
4	STD5 460-997049/6	5.0	1.250968	50.0	747661.0	0.250194	Y
5	STD20 460-997049/7	20.0	5.444718	50.0	728192.0	0.272236	Y
6	STD50 460-997049/8	50.0	11.612523	50.0	793936.0	0.23225	Y
7	STD200 460-997049/9	200.0	47.63308	50.0	800217.0	0.238165	Y
8	STD500 460-997049/10	500.0	124.359075	50.0	818309.0	0.248718	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

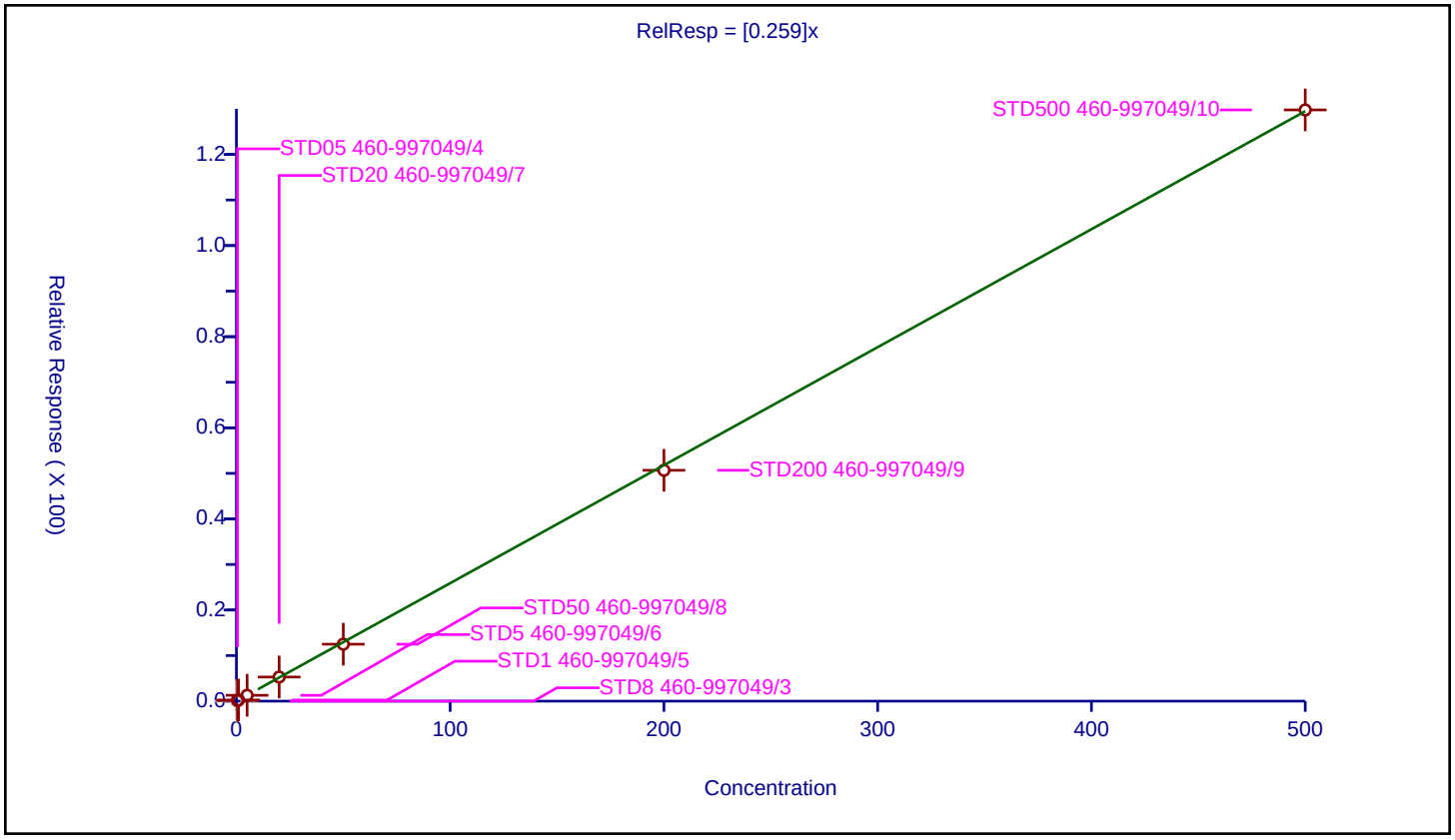
Curve Coefficients

Intercept:	0
Slope:	0.259

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.143289	50.0	736273.0	0.286578	Y
3	STD1 460-997049/5	1.0	0.242011	50.0	759883.0	0.242011	Y
4	STD5 460-997049/6	5.0	1.282132	50.0	747661.0	0.256426	Y
5	STD20 460-997049/7	20.0	5.296268	50.0	728192.0	0.264813	Y
6	STD50 460-997049/8	50.0	12.503527	50.0	793936.0	0.250071	Y
7	STD200 460-997049/9	200.0	50.674317	50.0	800217.0	0.253372	Y
8	STD500 460-997049/10	500.0	129.771639	50.0	818309.0	0.259543	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

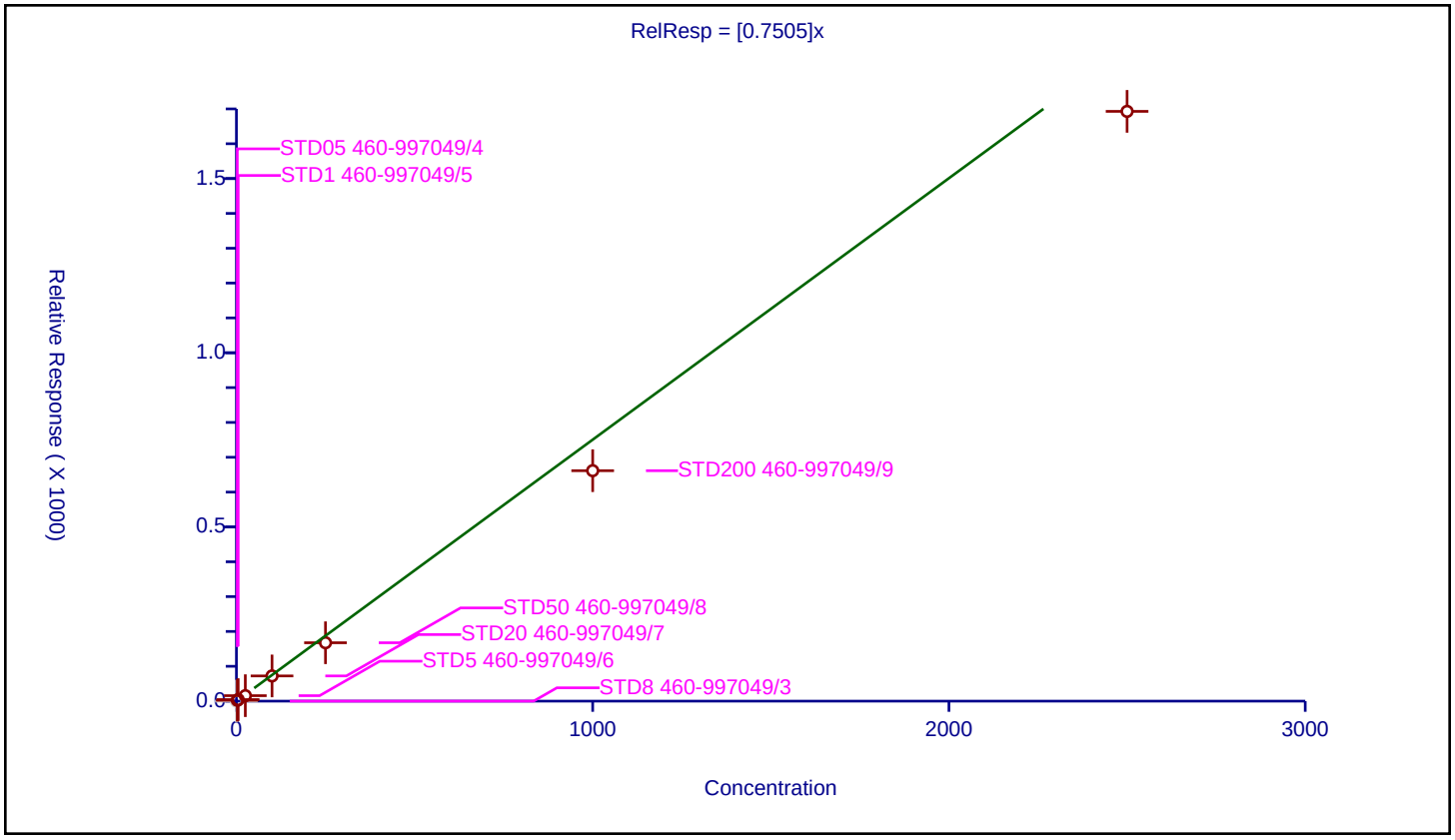
Curve Coefficients

Intercept:	0
Slope:	0.7505

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	2.5	2.532193	250.0	226681.0	1.012877	Y
3	STD1 460-997049/5	5.0	4.400226	250.0	231579.0	0.880045	Y
4	STD5 460-997049/6	25.0	15.689749	250.0	239870.0	0.62759	Y
5	STD20 460-997049/7	100.0	72.378944	250.0	235697.0	0.723789	Y
6	STD50 460-997049/8	250.0	167.608354	250.0	262472.0	0.670433	Y
7	STD200 460-997049/9	1000.0	661.515941	250.0	264720.0	0.661516	Y
8	STD500 460-997049/10	2500.0	1692.895682	250.0	285981.0	0.677158	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

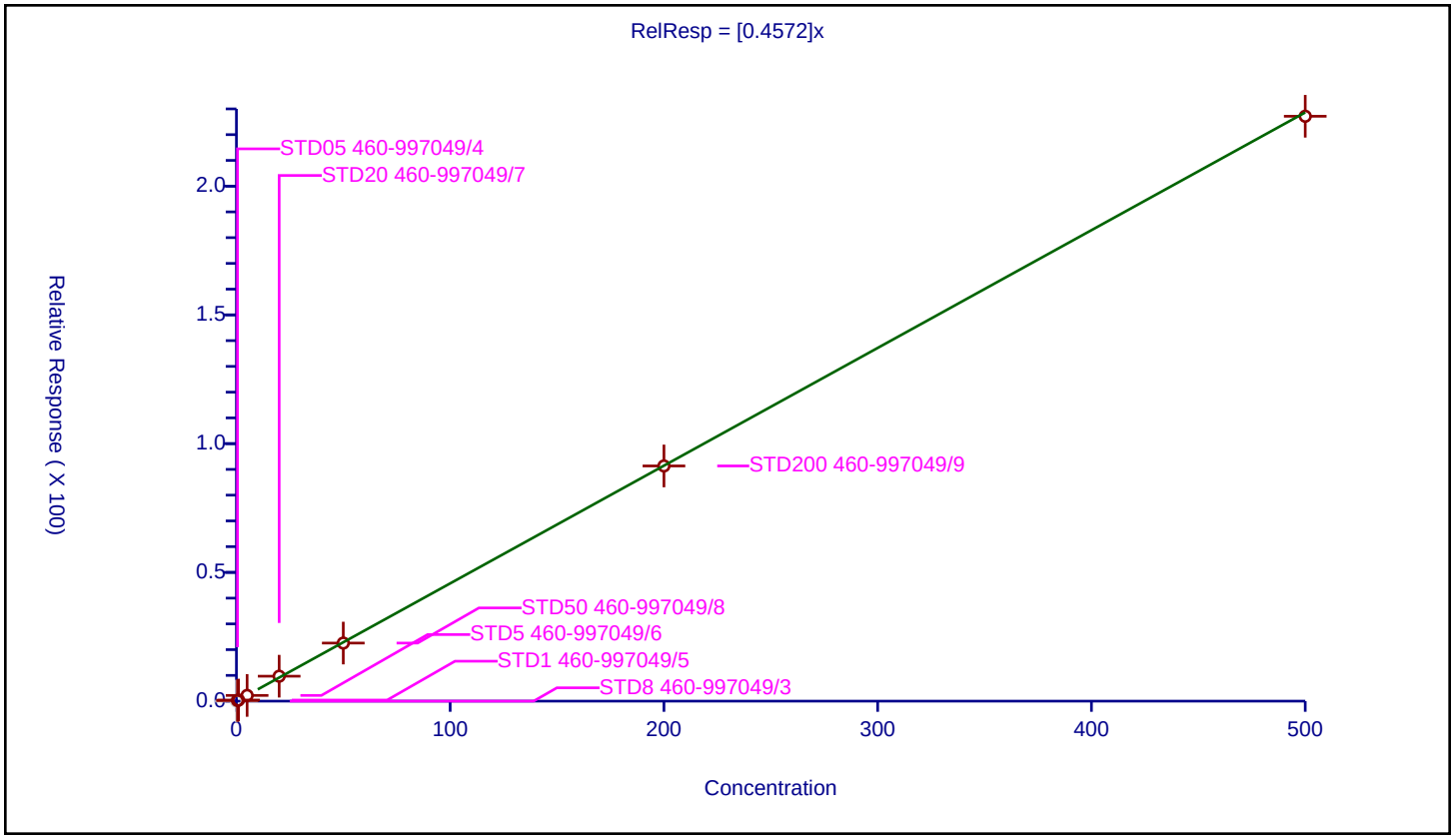
Curve Coefficients

Intercept:	0
Slope:	0.4572

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.248549	50.0	736273.0	0.497098	Y
3	STD1 460-997049/5	1.0	0.414274	50.0	759883.0	0.414274	Y
4	STD5 460-997049/6	5.0	2.215041	50.0	747661.0	0.443008	Y
5	STD20 460-997049/7	20.0	9.684602	50.0	728192.0	0.48423	Y
6	STD50 460-997049/8	50.0	22.555345	50.0	793936.0	0.451107	Y
7	STD200 460-997049/9	200.0	91.3356	50.0	800217.0	0.456678	Y
8	STD500 460-997049/10	500.0	227.131866	50.0	818309.0	0.454264	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

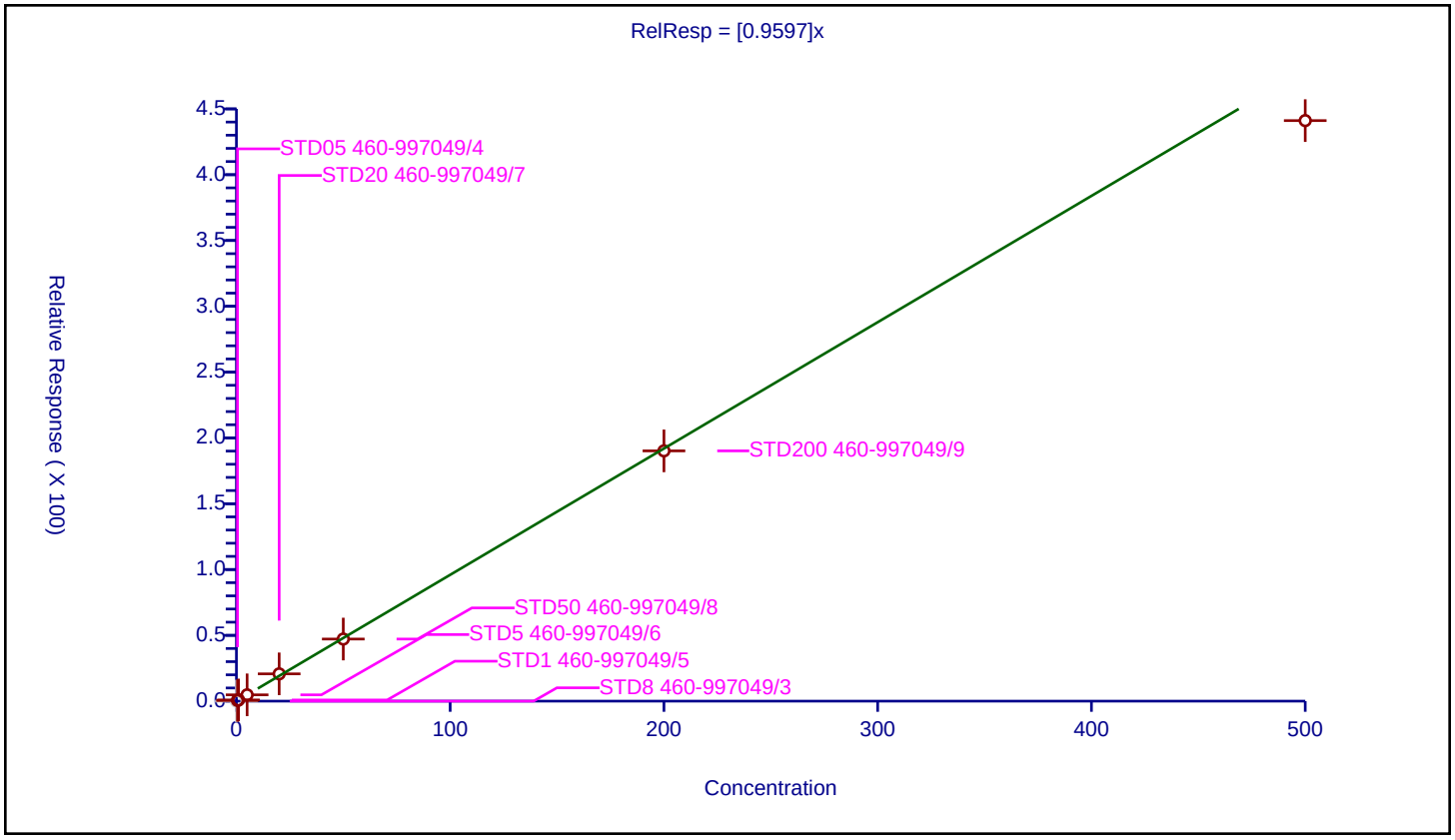
Curve Coefficients

Intercept:	0
Slope:	0.9597

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.53764	50.0	736273.0	1.075281	Y
3	STD1 460-997049/5	1.0	0.871911	50.0	759883.0	0.871911	Y
4	STD5 460-997049/6	5.0	4.78733	50.0	747661.0	0.957466	Y
5	STD20 460-997049/7	20.0	20.731414	50.0	728192.0	1.036571	Y
6	STD50 460-997049/8	50.0	47.184534	50.0	793936.0	0.943691	Y
7	STD200 460-997049/9	200.0	190.156982	50.0	800217.0	0.950785	Y
8	STD500 460-997049/10	500.0	441.092729	50.0	818309.0	0.882185	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

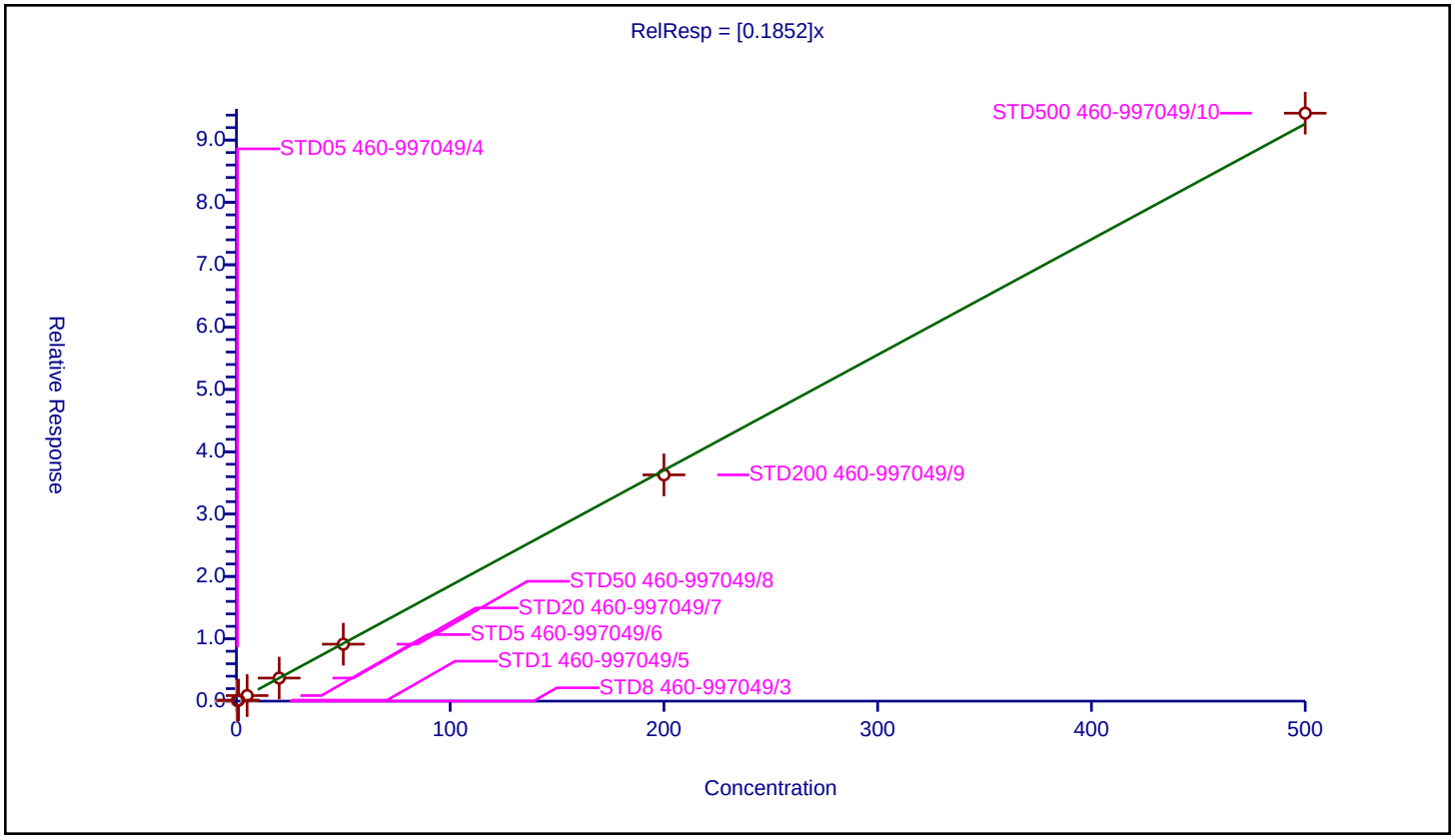
Curve Coefficients

Intercept:	0
Slope:	0.1852

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.108655	50.0	736273.0	0.217311	Y
3	STD1 460-997049/5	1.0	0.163183	50.0	759883.0	0.163183	Y
4	STD5 460-997049/6	5.0	0.889775	50.0	747661.0	0.177955	Y
5	STD20 460-997049/7	20.0	3.700466	50.0	728192.0	0.185023	Y
6	STD50 460-997049/8	50.0	9.138079	50.0	793936.0	0.182762	Y
7	STD200 460-997049/9	200.0	36.295717	50.0	800217.0	0.181479	Y
8	STD500 460-997049/10	500.0	94.312662	50.0	818309.0	0.188625	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

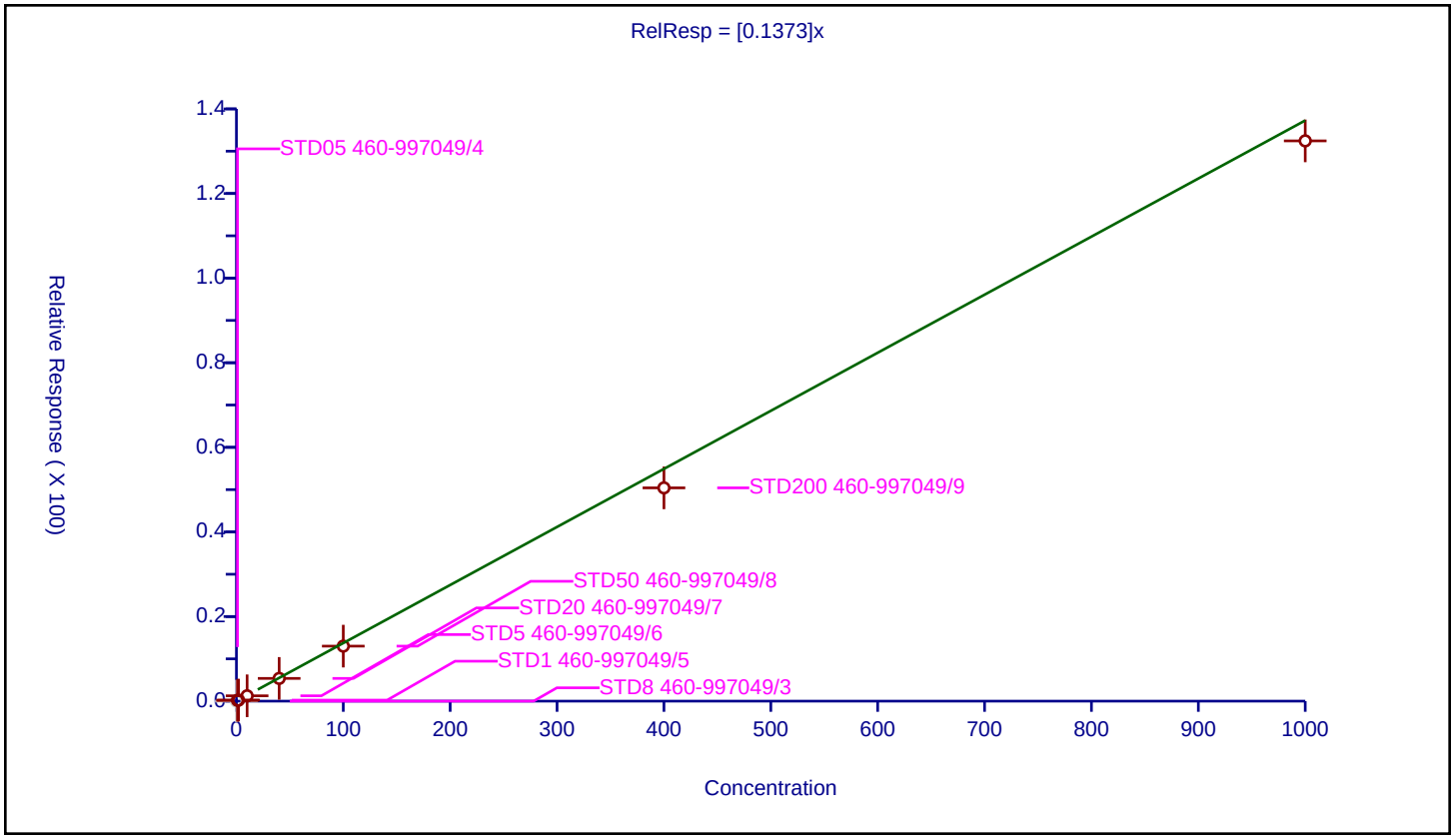
Curve Coefficients

Intercept:	0
Slope:	0.1373

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	1.0	0.189128	50.0	736273.0	0.189128	Y
3	STD1 460-997049/5	2.0	0.245433	50.0	759883.0	0.122716	Y
4	STD5 460-997049/6	10.0	1.261467	50.0	747661.0	0.126147	Y
5	STD20 460-997049/7	40.0	5.371248	50.0	728192.0	0.134281	Y
6	STD50 460-997049/8	100.0	13.006464	50.0	793936.0	0.130065	Y
7	STD200 460-997049/9	400.0	50.414825	50.0	800217.0	0.126037	Y
8	STD500 460-997049/10	1000.0	132.441291	50.0	818309.0	0.132441	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

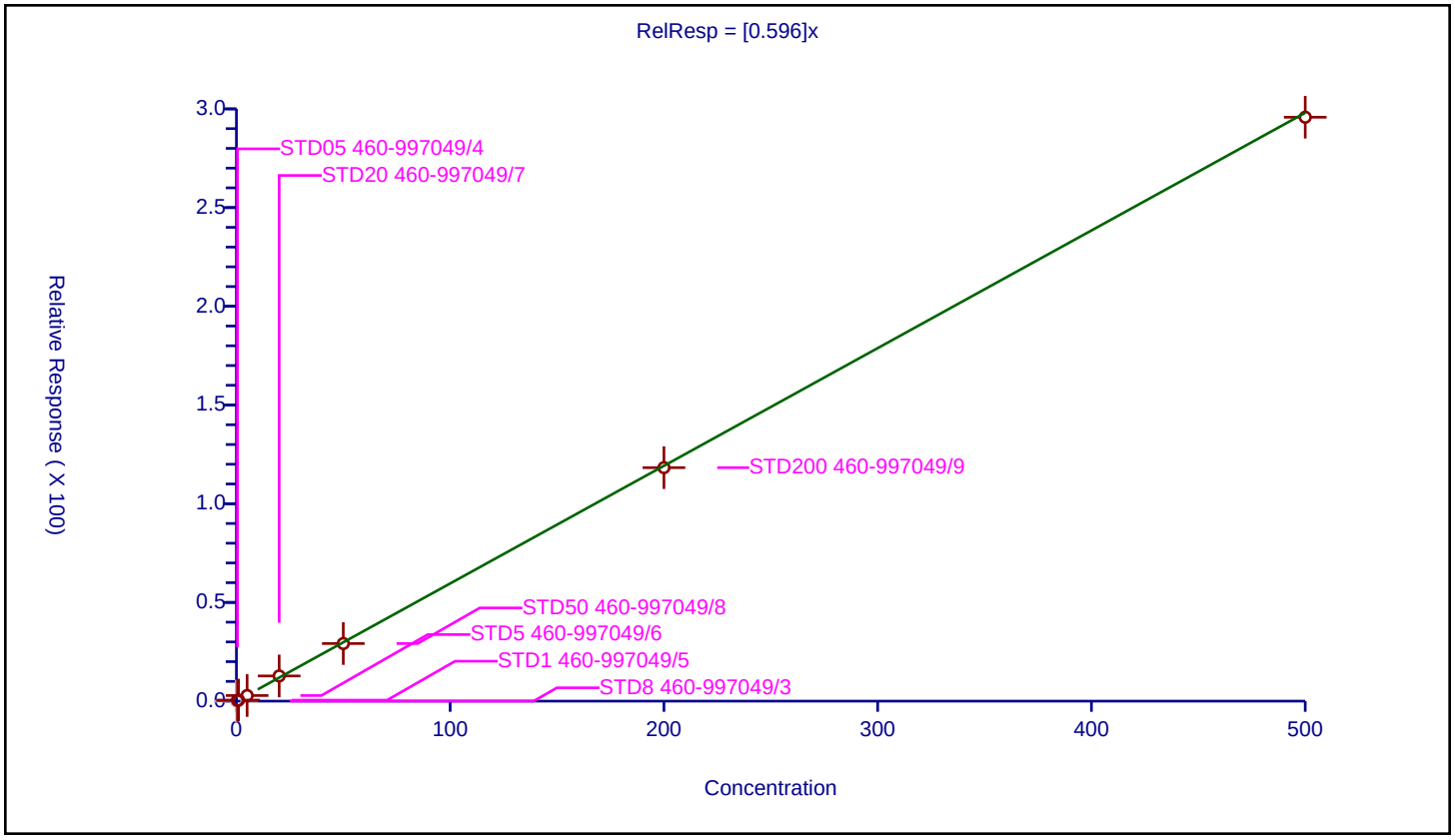
Curve Coefficients

Intercept:	0
Slope:	0.596

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.3424	50.0	736273.0	0.6848	Y
3	STD1 460-997049/5	1.0	0.51429	50.0	759883.0	0.51429	Y
4	STD5 460-997049/6	5.0	2.844203	50.0	747661.0	0.568841	Y
5	STD20 460-997049/7	20.0	12.760028	50.0	728192.0	0.638001	Y
6	STD50 460-997049/8	50.0	29.172692	50.0	793936.0	0.583454	Y
7	STD200 460-997049/9	200.0	118.268607	50.0	800217.0	0.591343	Y
8	STD500 460-997049/10	500.0	295.775129	50.0	818309.0	0.59155	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

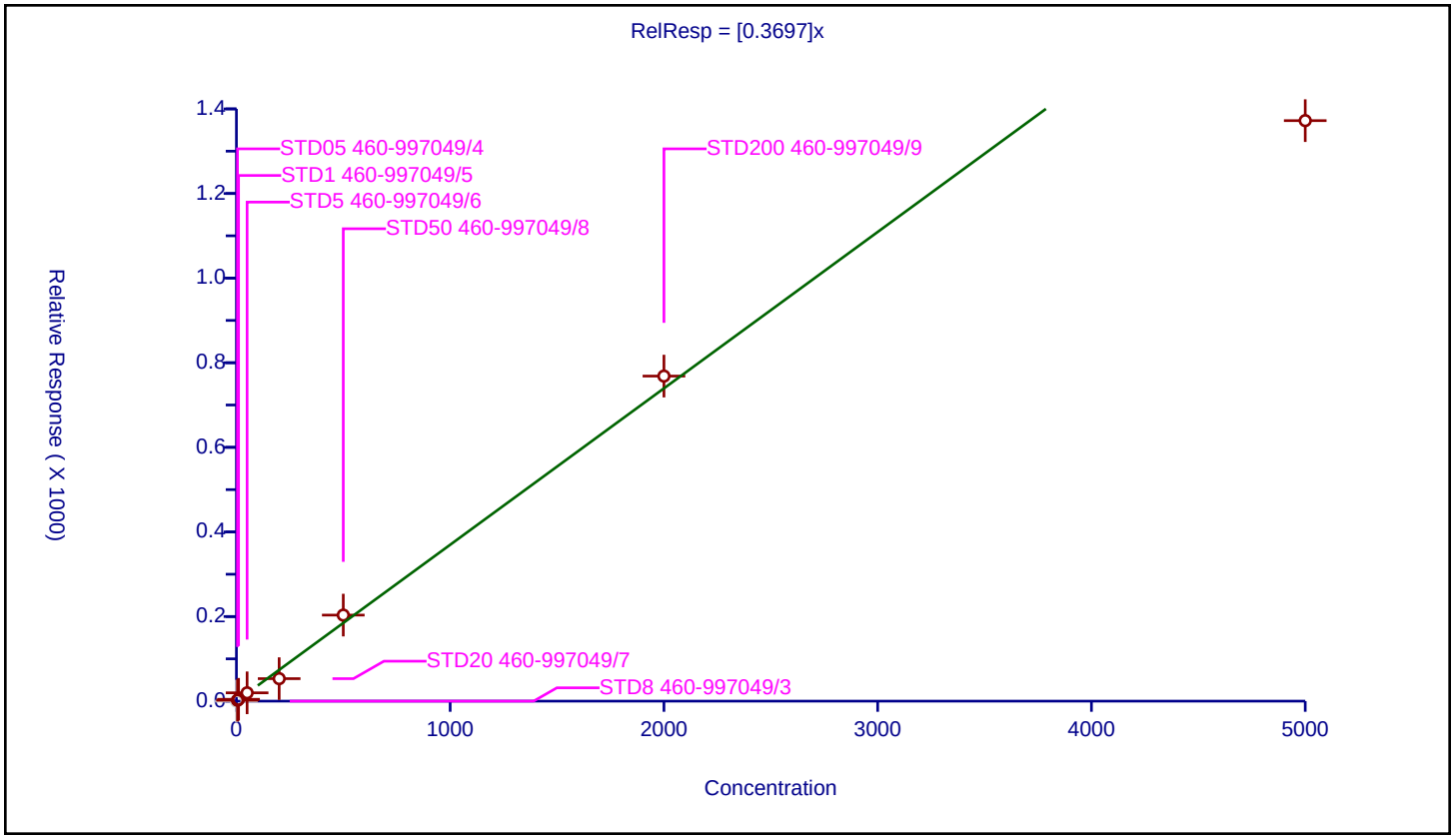
Curve Coefficients

Intercept:	0
Slope:	0.3697

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	5.0	2.158319	250.0	226681.0	0.431664	Y
3	STD1 460-997049/5	10.0	4.316022	250.0	231579.0	0.431602	Y
4	STD5 460-997049/6	50.0	19.665861	250.0	239870.0	0.393317	Y
5	STD20 460-997049/7	200.0	53.175263	250.0	235697.0	0.265876	Y
6	STD50 460-997049/8	500.0	203.361692	250.0	262472.0	0.406723	Y
7	STD200 460-997049/9	2000.0	768.359965	250.0	264720.0	0.38418	Y
8	STD500 460-997049/10	5000.0	1372.244135	250.0	285981.0	0.274449	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

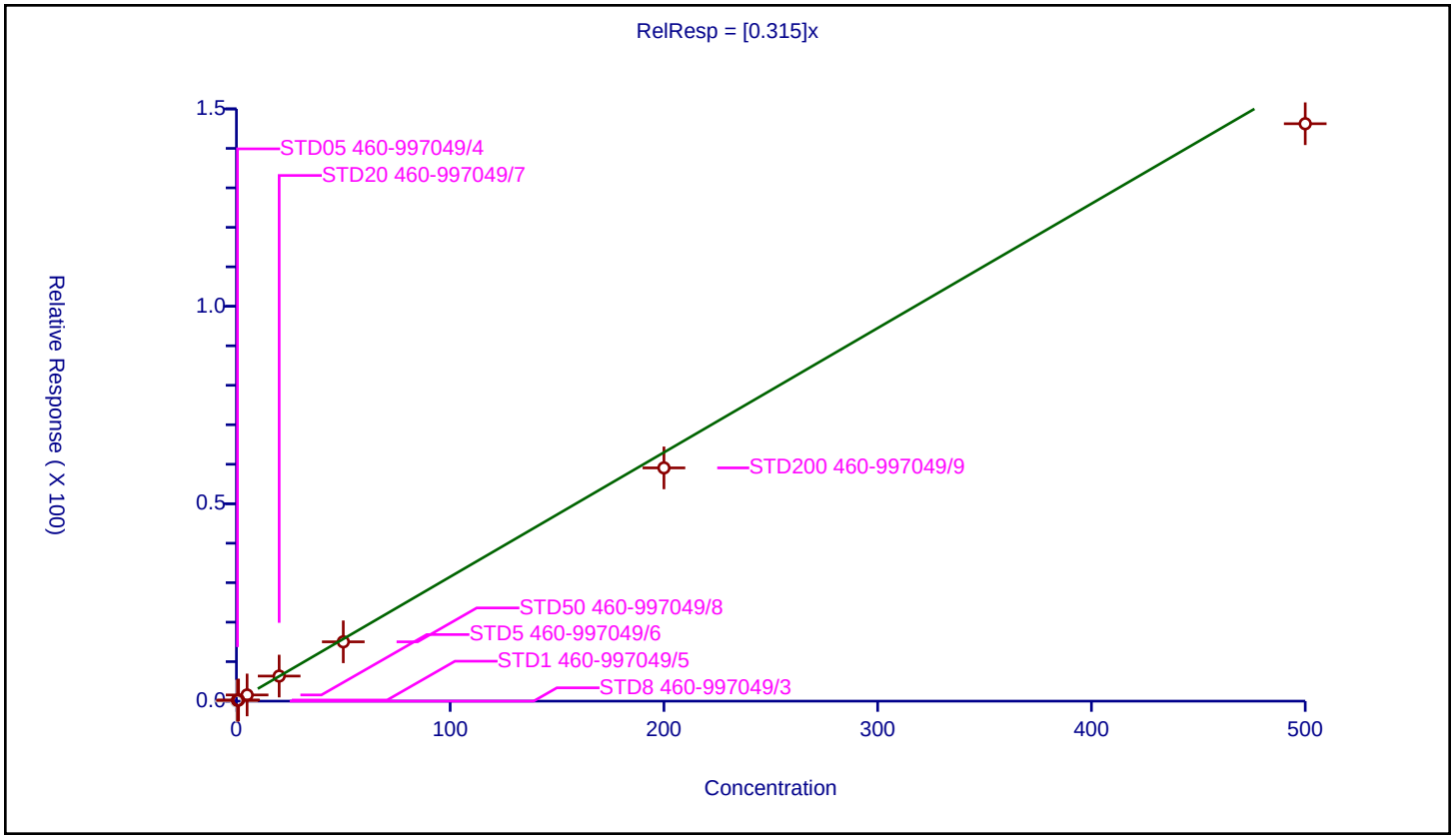
Curve Coefficients

Intercept:	0
Slope:	0.315

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.203729	50.0	736273.0	0.407458	Y
3	STD1 460-997049/5	1.0	0.278332	50.0	759883.0	0.278332	Y
4	STD5 460-997049/6	5.0	1.565282	50.0	747661.0	0.313056	Y
5	STD20 460-997049/7	20.0	6.351347	50.0	728192.0	0.317567	Y
6	STD50 460-997049/8	50.0	15.023692	50.0	793936.0	0.300474	Y
7	STD200 460-997049/9	200.0	59.07835	50.0	800217.0	0.295392	Y
8	STD500 460-997049/10	500.0	146.242067	50.0	818309.0	0.292484	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

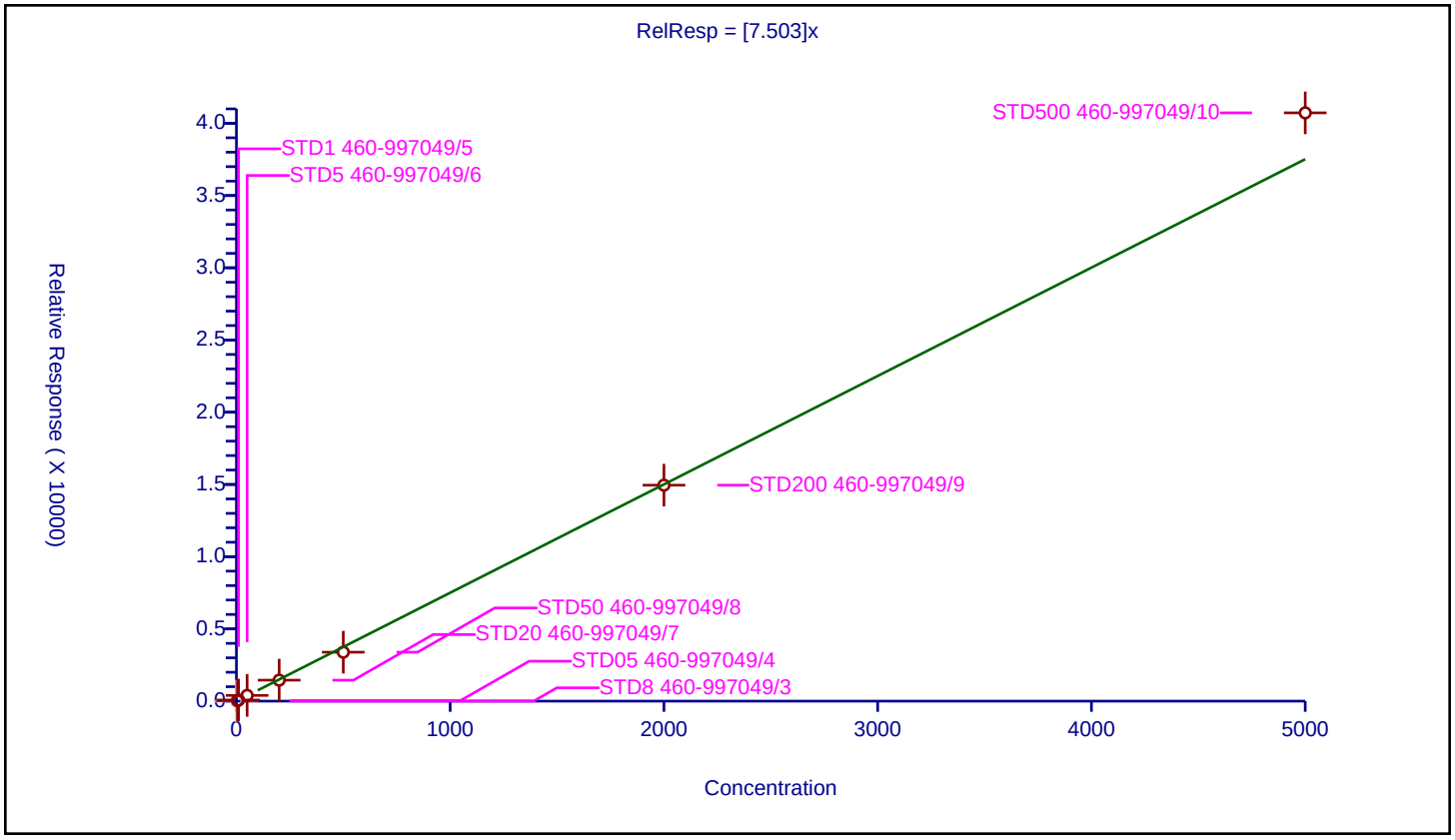
Curve Coefficients

Intercept:	0
Slope:	7.503

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	5.0	36.031126	1000.0	33027.0	7.206225	Y
3	STD1 460-997049/5	10.0	77.2207	1000.0	31015.0	7.72207	Y
4	STD5 460-997049/6	50.0	396.919685	1000.0	32659.0	7.938394	Y
5	STD20 460-997049/7	200.0	1452.111379	1000.0	33651.0	7.260557	Y
6	STD50 460-997049/8	500.0	3387.995353	1000.0	38735.0	6.775991	Y
7	STD200 460-997049/9	2000.0	14949.801849	1000.0	39364.0	7.474901	Y
8	STD500 460-997049/10	5000.0	40726.085468	1000.0	37979.0	8.145217	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

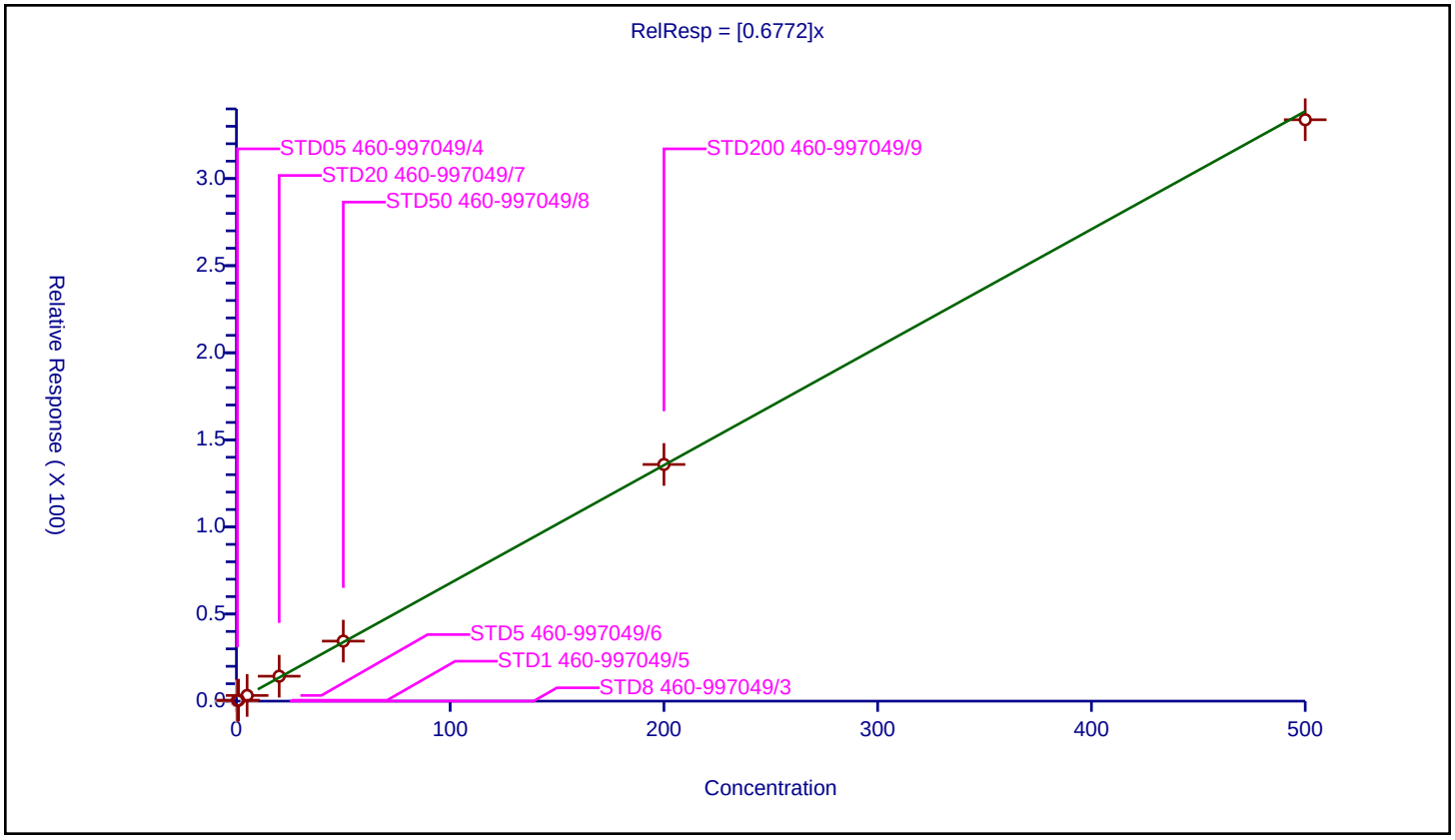
Curve Coefficients

Intercept:	0
Slope:	0.6772

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.394691	50.0	736273.0	0.789381	Y
3	STD1 460-997049/5	1.0	0.546926	50.0	759883.0	0.546926	Y
4	STD5 460-997049/6	5.0	3.259097	50.0	747661.0	0.651819	Y
5	STD20 460-997049/7	20.0	14.32651	50.0	728192.0	0.716326	Y
6	STD50 460-997049/8	50.0	34.45706	50.0	793936.0	0.689141	Y
7	STD200 460-997049/9	200.0	135.880642	50.0	800217.0	0.679403	Y
8	STD500 460-997049/10	500.0	333.776422	50.0	818309.0	0.667553	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

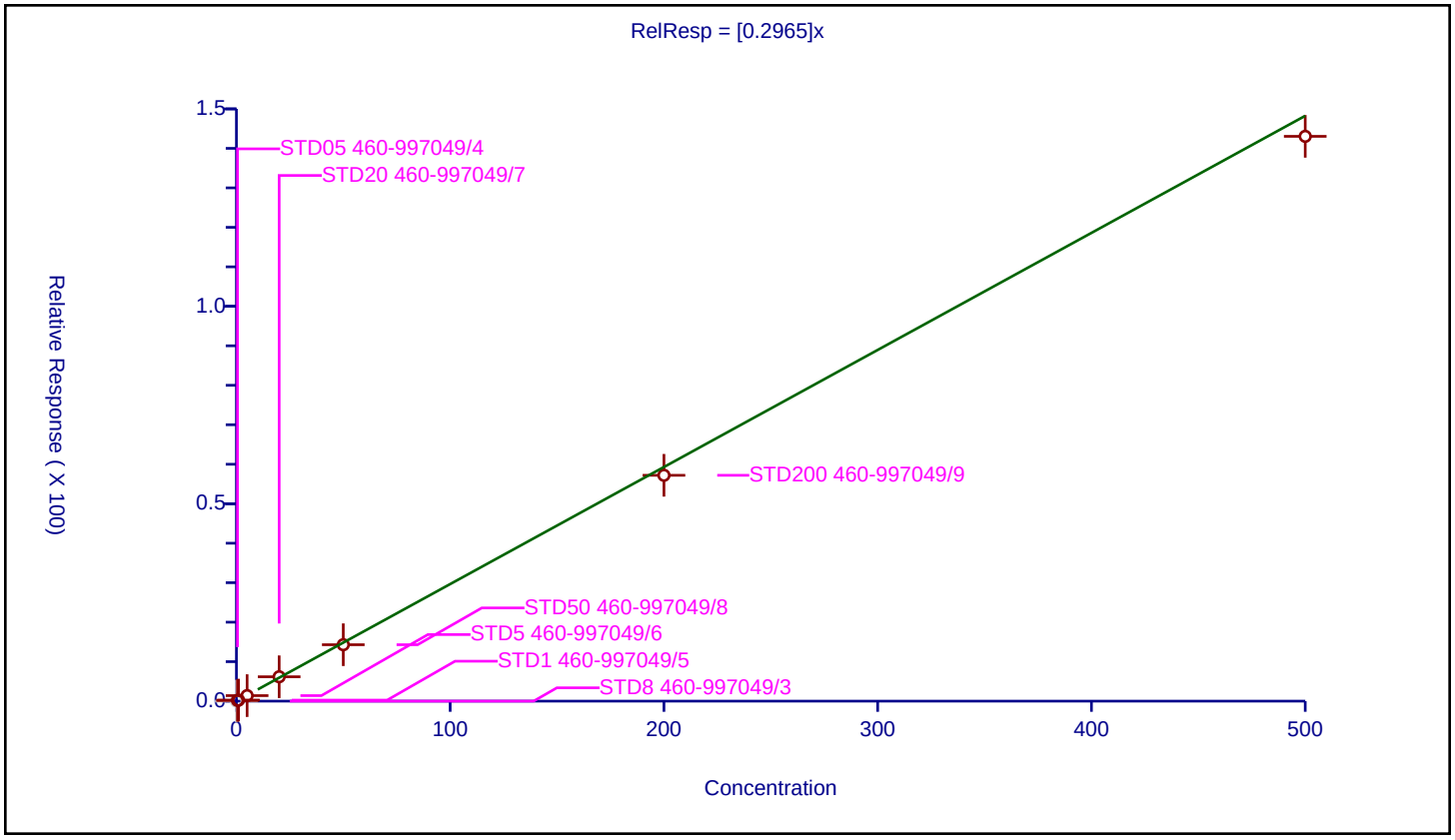
Curve Coefficients

Intercept:	0
Slope:	0.2965

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.183084	50.0	736273.0	0.366169	Y
3	STD1 460-997049/5	1.0	0.262738	50.0	759883.0	0.262738	Y
4	STD5 460-997049/6	5.0	1.399699	50.0	747661.0	0.27994	Y
5	STD20 460-997049/7	20.0	6.173235	50.0	728192.0	0.308662	Y
6	STD50 460-997049/8	50.0	14.289439	50.0	793936.0	0.285789	Y
7	STD200 460-997049/9	200.0	57.199672	50.0	800217.0	0.285998	Y
8	STD500 460-997049/10	500.0	143.045048	50.0	818309.0	0.28609	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

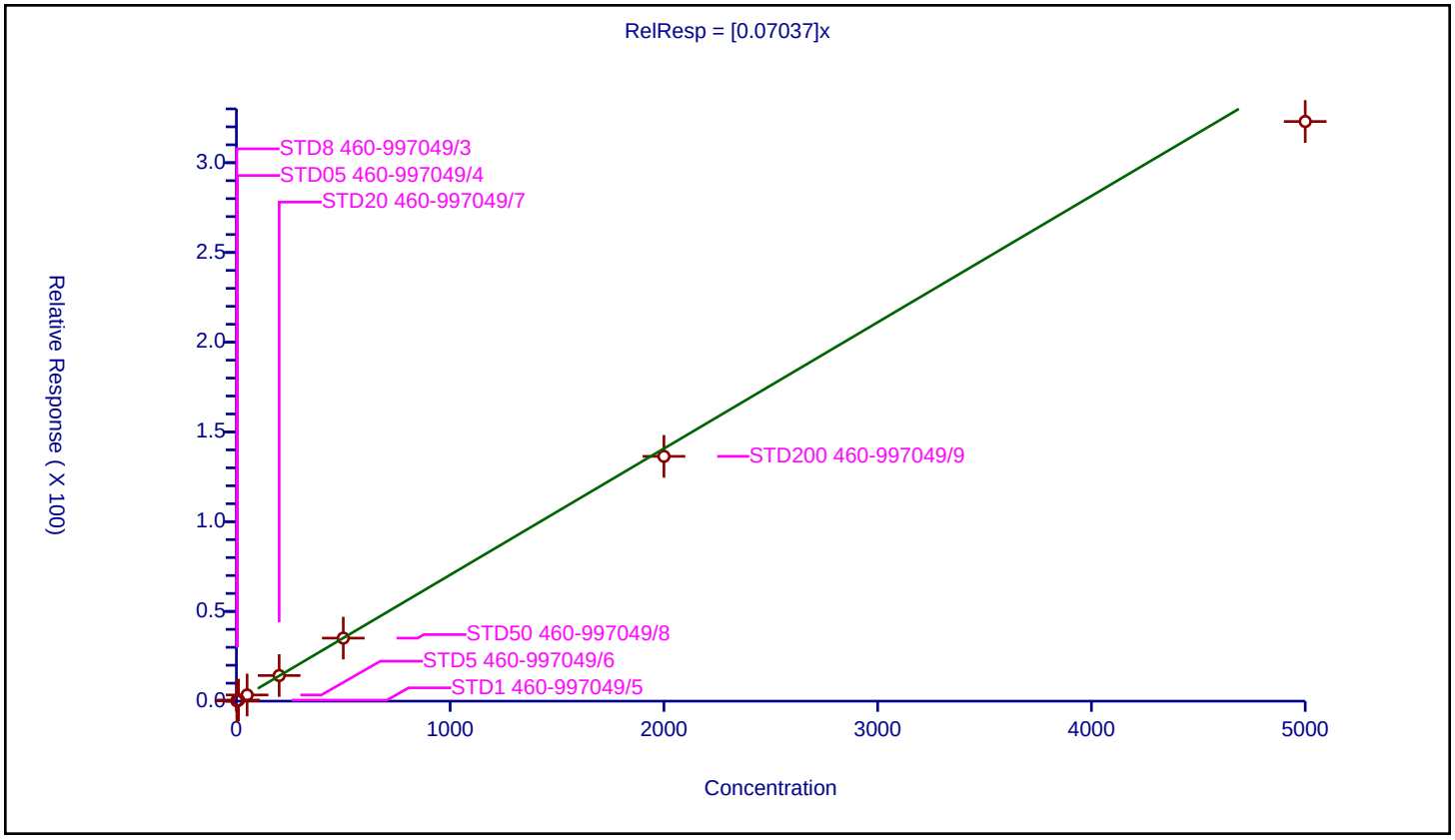
Curve Coefficients

Intercept:	0
Slope:	0.07037

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	2.0	0.166932	50.0	768275.0	0.083466	Y
2	STD05 460-997049/4	5.0	0.38919	50.0	736273.0	0.077838	Y
3	STD1 460-997049/5	10.0	0.583708	50.0	759883.0	0.058371	Y
4	STD5 460-997049/6	50.0	3.446749	50.0	747661.0	0.068935	Y
5	STD20 460-997049/7	200.0	14.263203	50.0	728192.0	0.071316	Y
6	STD50 460-997049/8	500.0	35.11385	50.0	793936.0	0.070228	Y
7	STD200 460-997049/9	2000.0	136.396502	50.0	800217.0	0.068198	Y
8	STD500 460-997049/10	5000.0	322.969257	50.0	818309.0	0.064594	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

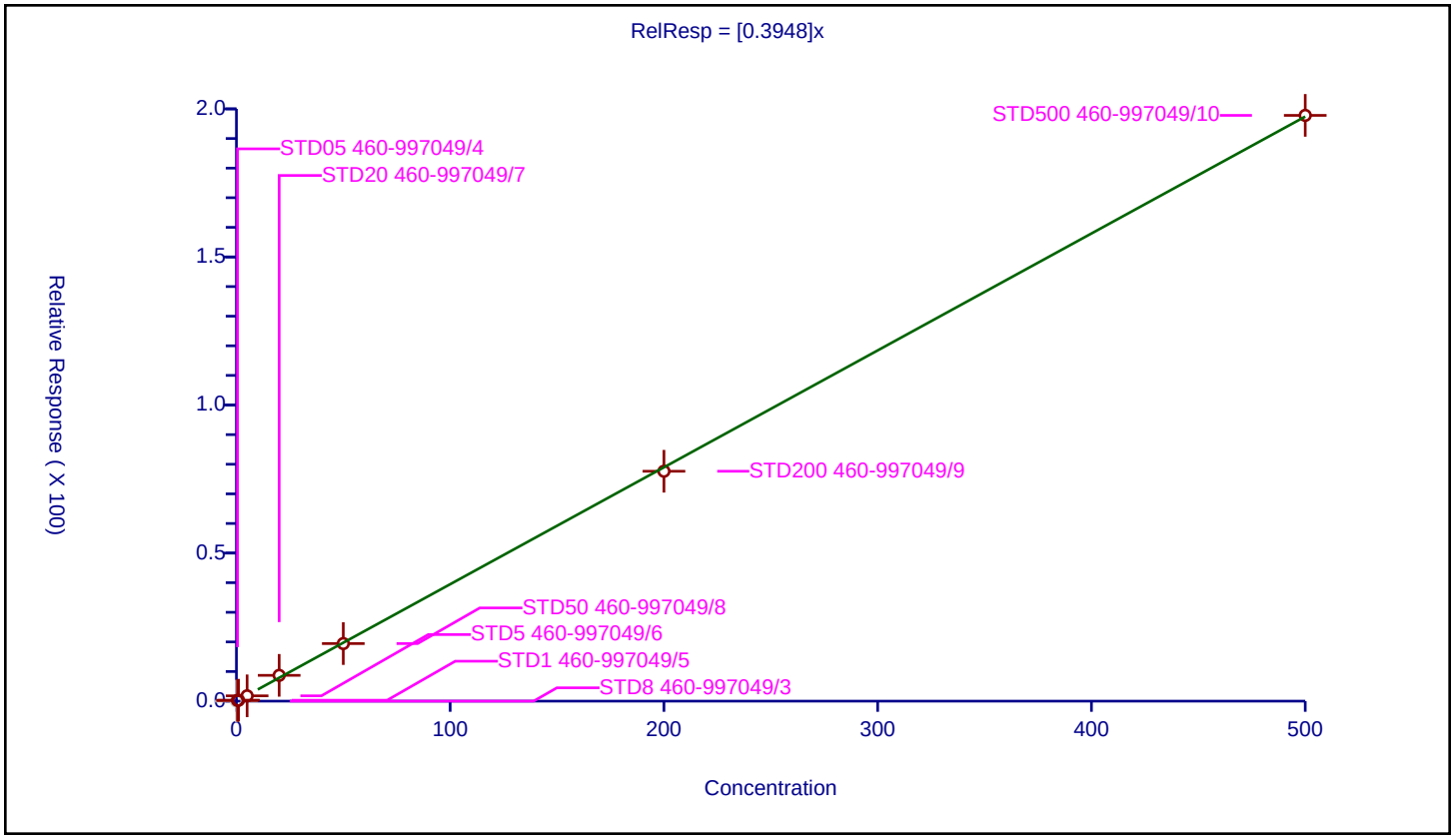
Curve Coefficients

Intercept:	0
Slope:	0.3948

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.245018	50.0	736273.0	0.490036	Y
3	STD1 460-997049/5	1.0	0.306297	50.0	759883.0	0.306297	Y
4	STD5 460-997049/6	5.0	1.796068	50.0	747661.0	0.359214	Y
5	STD20 460-997049/7	20.0	8.708074	50.0	728192.0	0.435404	Y
6	STD50 460-997049/8	50.0	19.444263	50.0	793936.0	0.388885	Y
7	STD200 460-997049/9	200.0	77.637566	50.0	800217.0	0.388188	Y
8	STD500 460-997049/10	500.0	197.80798	50.0	818309.0	0.395616	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

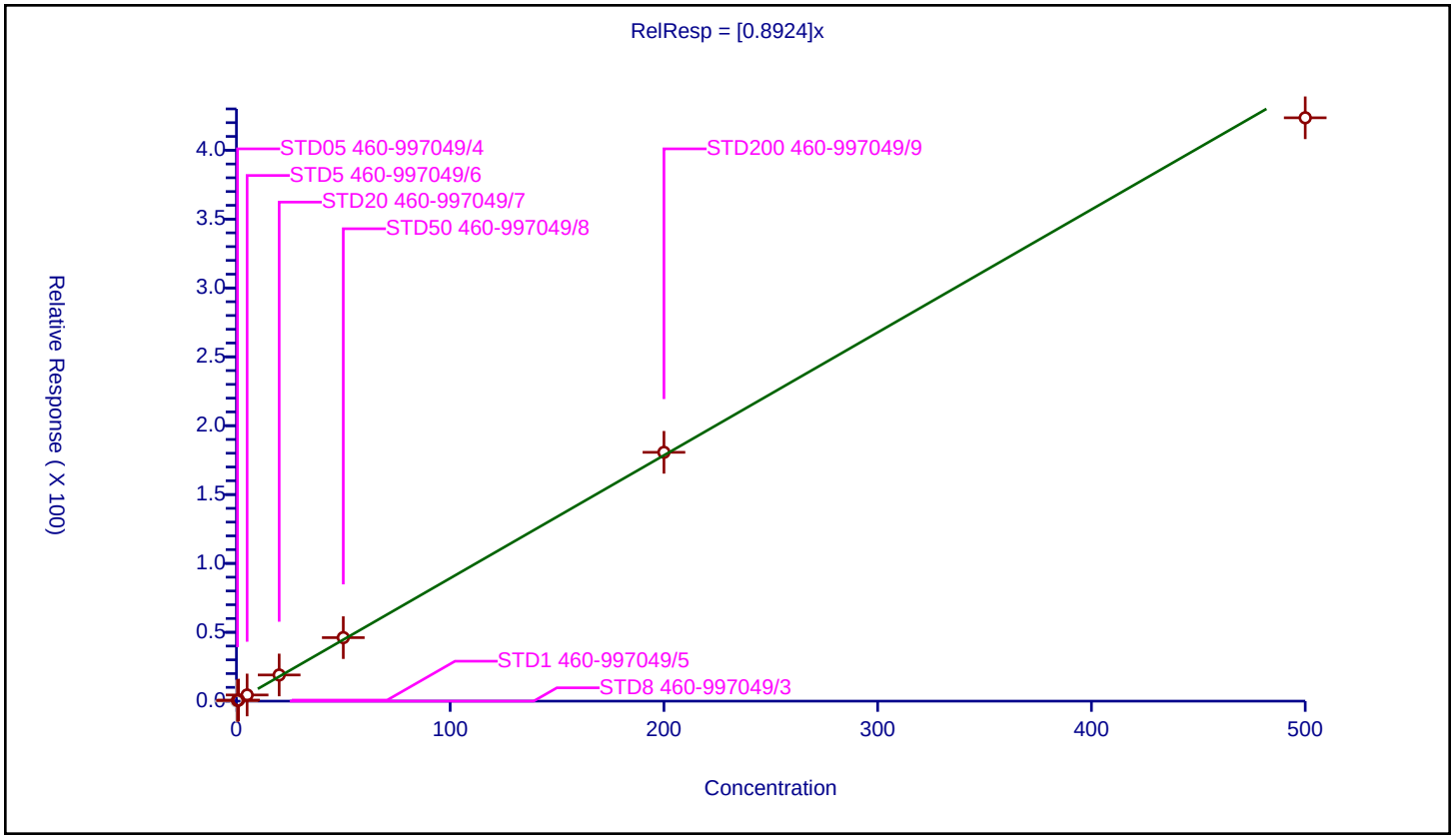
Curve Coefficients

Intercept:	0
Slope:	0.8924

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.479238	50.0	736273.0	0.958476	Y
3	STD1 460-997049/5	1.0	0.770711	50.0	759883.0	0.770711	Y
4	STD5 460-997049/6	5.0	4.473953	50.0	747661.0	0.894791	Y
5	STD20 460-997049/7	20.0	18.996776	50.0	728192.0	0.949839	Y
6	STD50 460-997049/8	50.0	46.113981	50.0	793936.0	0.92228	Y
7	STD200 460-997049/9	200.0	180.658996	50.0	800217.0	0.903295	Y
8	STD500 460-997049/10	500.0	423.548195	50.0	818309.0	0.847096	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

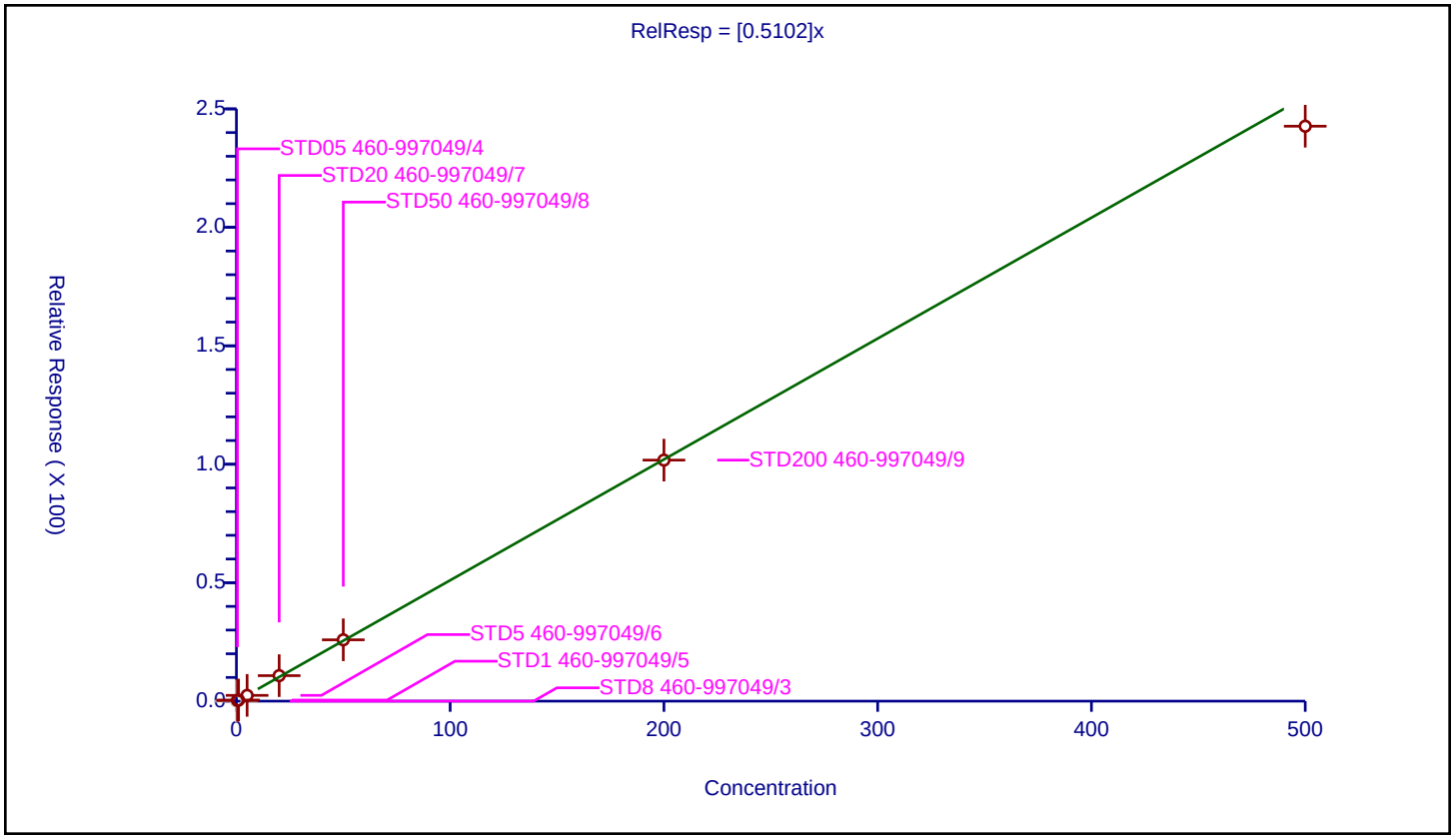
Curve Coefficients

Intercept:	0
Slope:	0.5102

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.288412	50.0	736273.0	0.576824	Y
3	STD1 460-997049/5	1.0	0.458623	50.0	759883.0	0.458623	Y
4	STD5 460-997049/6	5.0	2.42844	50.0	747661.0	0.485688	Y
5	STD20 460-997049/7	20.0	10.769	50.0	728192.0	0.53845	Y
6	STD50 460-997049/8	50.0	25.883069	50.0	793936.0	0.517661	Y
7	STD200 460-997049/9	200.0	101.744589	50.0	800217.0	0.508723	Y
8	STD500 460-997049/10	500.0	242.688581	50.0	818309.0	0.485377	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

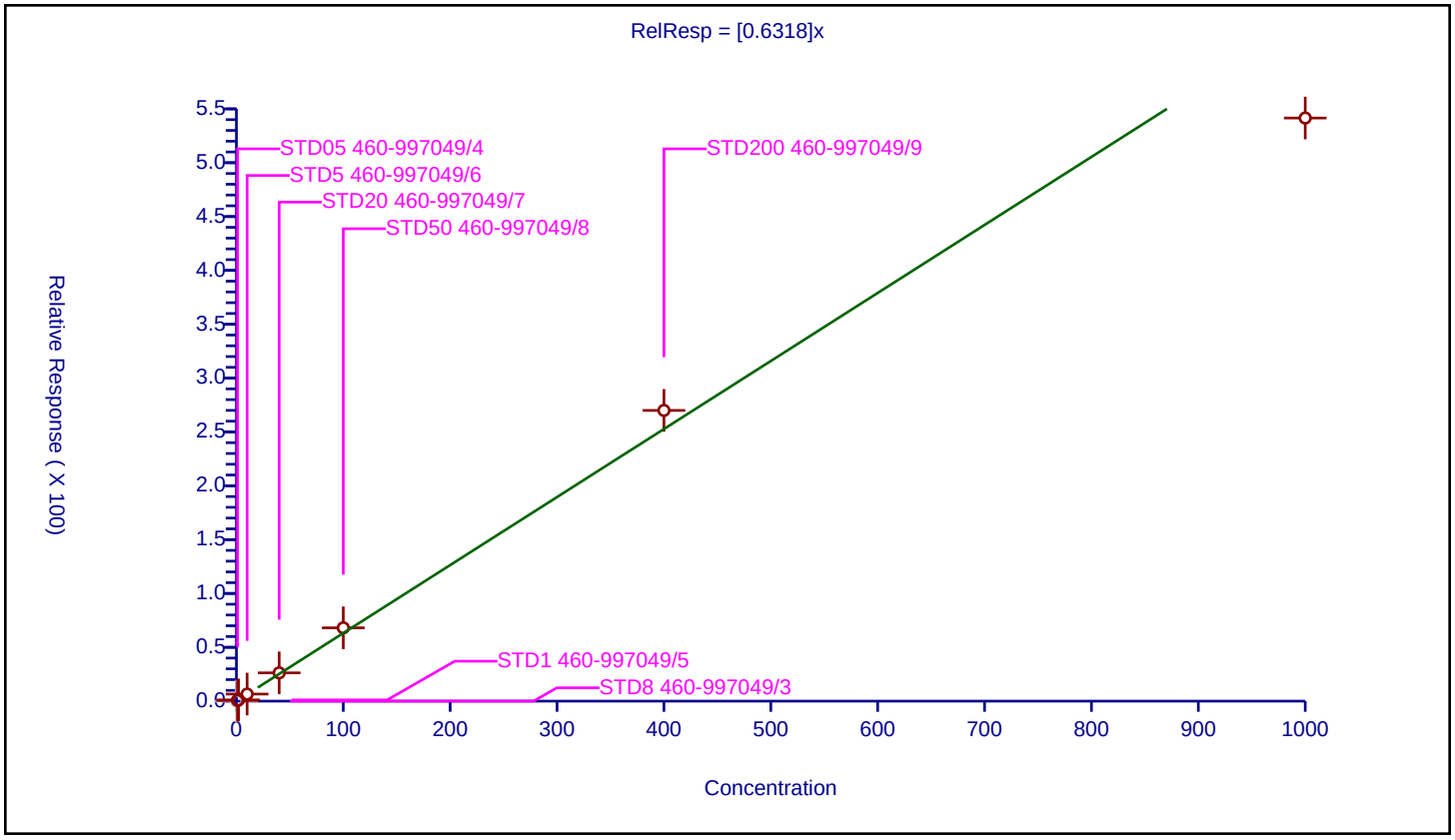
Curve Coefficients

Intercept:	0
Slope:	0.6318

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	1.0	0.659517	250.0	226681.0	0.659517	Y
3	STD1 460-997049/5	2.0	1.104375	250.0	231579.0	0.552187	Y
4	STD5 460-997049/6	10.0	6.570226	250.0	239870.0	0.657023	Y
5	STD20 460-997049/7	40.0	26.250864	250.0	235697.0	0.656272	Y
6	STD50 460-997049/8	100.0	68.076785	250.0	262472.0	0.680768	Y
7	STD200 460-997049/9	400.0	269.992823	250.0	264720.0	0.674982	Y
8	STD500 460-997049/10	1000.0	541.521115	250.0	285981.0	0.541521	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

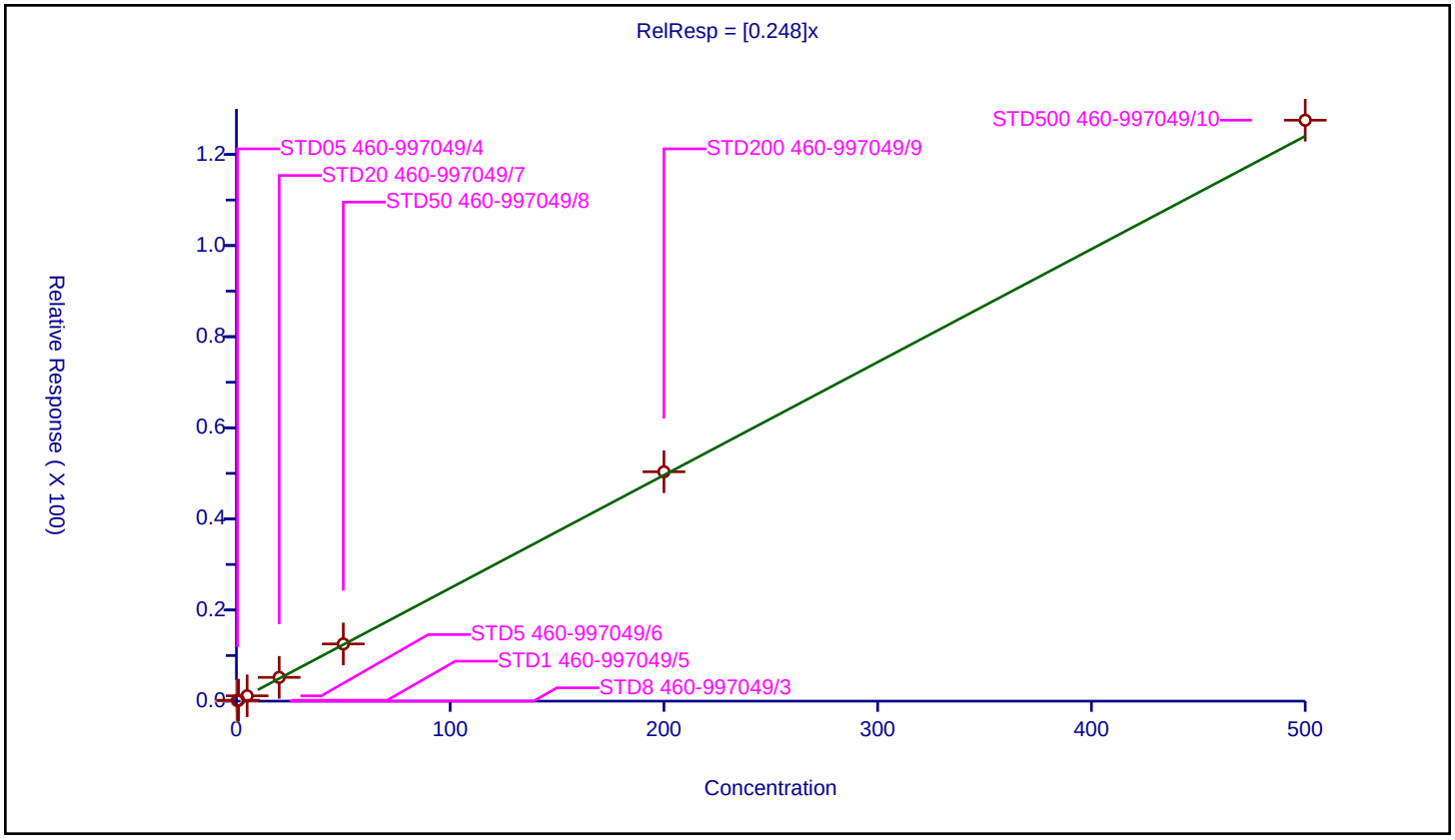
Curve Coefficients

Intercept:	0
Slope:	0.248

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.142542	50.0	736273.0	0.285084	Y
3	STD1 460-997049/5	1.0	0.199373	50.0	759883.0	0.199373	Y
4	STD5 460-997049/6	5.0	1.164498	50.0	747661.0	0.2329	Y
5	STD20 460-997049/7	20.0	5.219297	50.0	728192.0	0.260965	Y
6	STD50 460-997049/8	50.0	12.557309	50.0	793936.0	0.251146	Y
7	STD200 460-997049/9	200.0	50.351967	50.0	800217.0	0.25176	Y
8	STD500 460-997049/10	500.0	127.518211	50.0	818309.0	0.255036	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

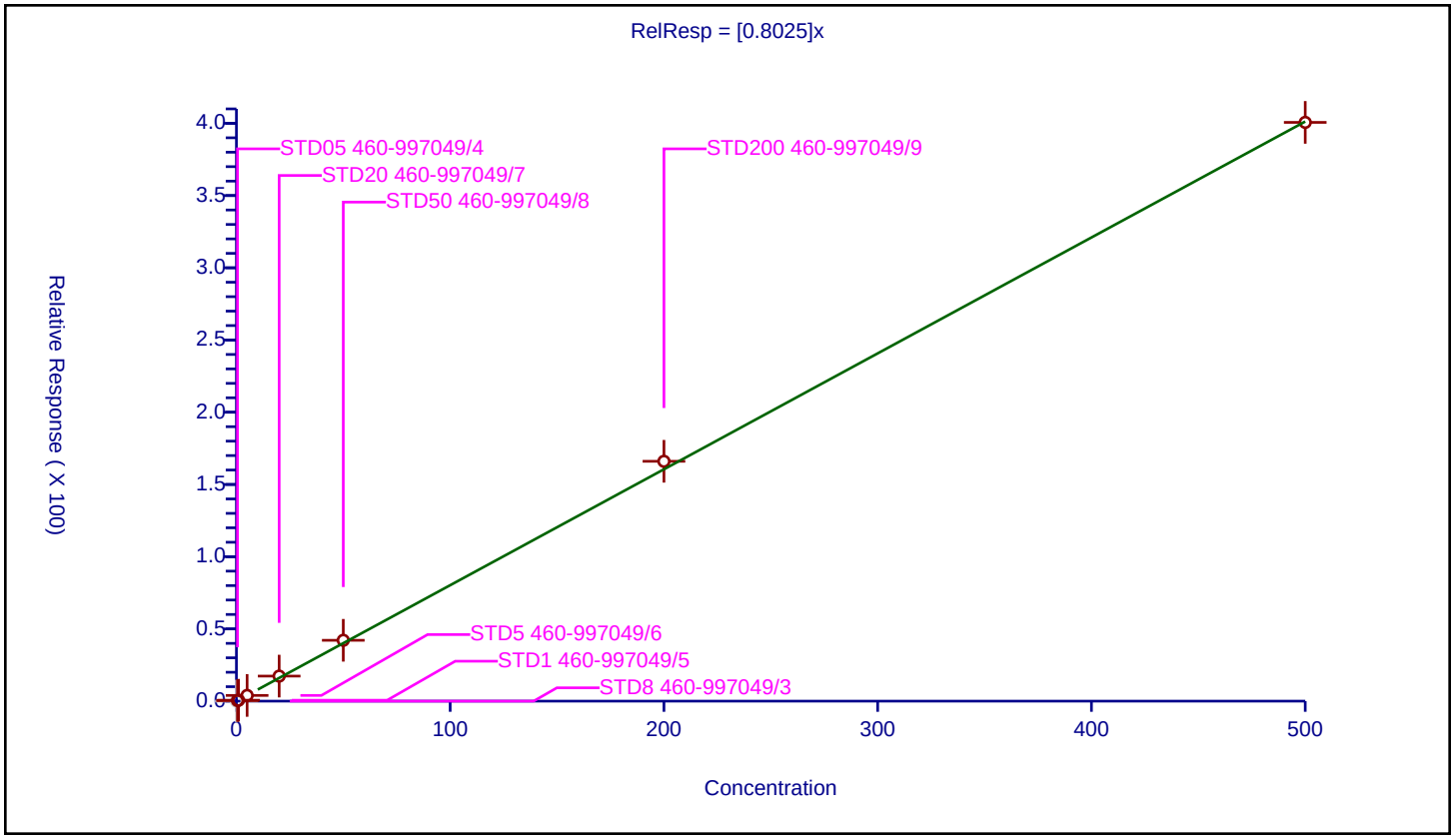
Curve Coefficients

Intercept:	0
Slope:	0.8025

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.42328	50.0	736273.0	0.846561	Y
3	STD1 460-997049/5	1.0	0.640757	50.0	759883.0	0.640757	Y
4	STD5 460-997049/6	5.0	3.947043	50.0	747661.0	0.789409	Y
5	STD20 460-997049/7	20.0	17.332654	50.0	728192.0	0.866633	Y
6	STD50 460-997049/8	50.0	42.122035	50.0	793936.0	0.842441	Y
7	STD200 460-997049/9	200.0	166.038774	50.0	800217.0	0.830194	Y
8	STD500 460-997049/10	500.0	400.656415	50.0	818309.0	0.801313	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

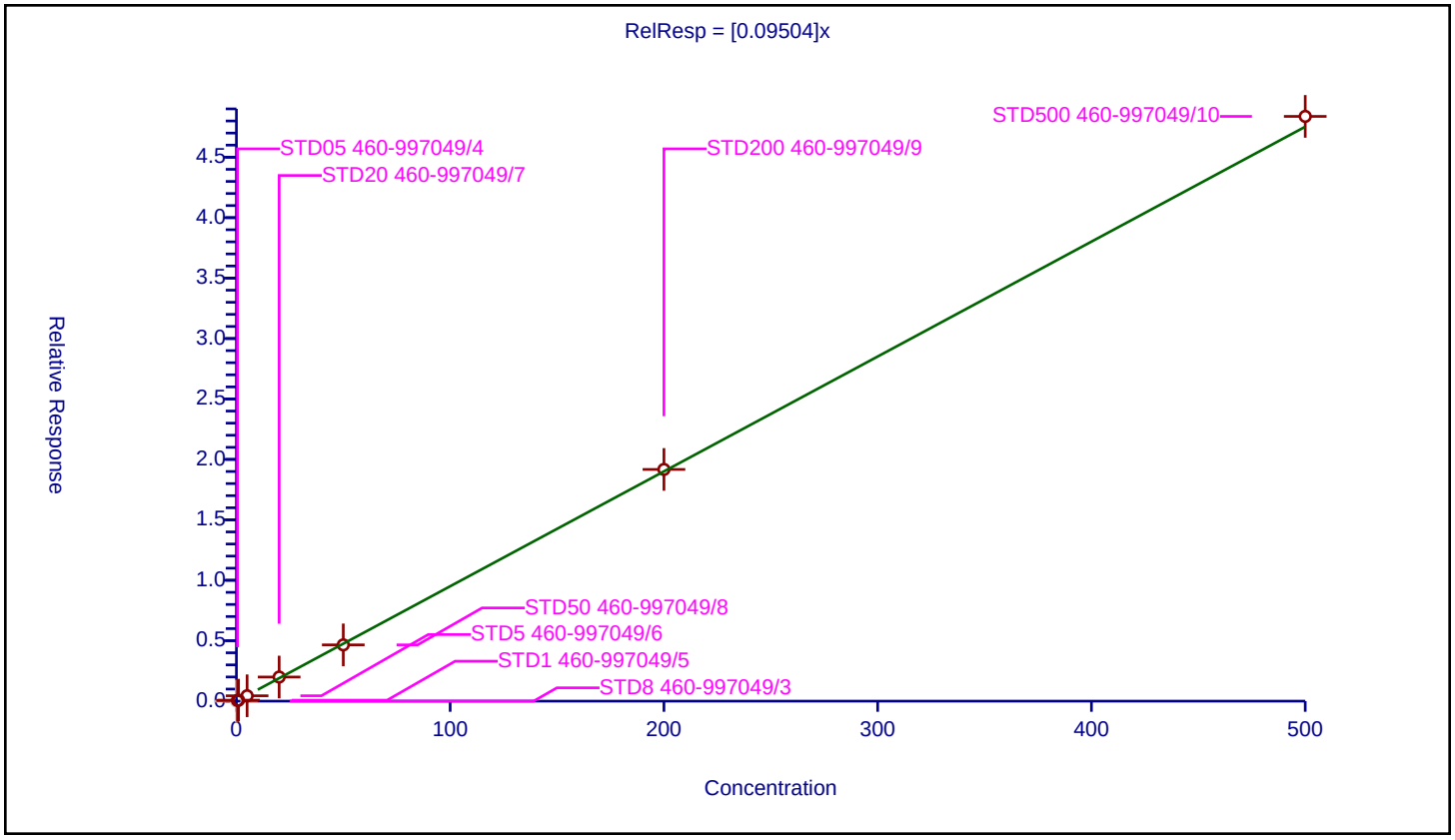
Curve Coefficients

Intercept:	0
Slope:	0.09504

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.055007	50.0	736273.0	0.110014	Y
3	STD1 460-997049/5	1.0	0.081197	50.0	759883.0	0.081197	Y
4	STD5 460-997049/6	5.0	0.443048	50.0	747661.0	0.08861	Y
5	STD20 460-997049/7	20.0	1.995147	50.0	728192.0	0.099757	Y
6	STD50 460-997049/8	50.0	4.655413	50.0	793936.0	0.093108	Y
7	STD200 460-997049/9	200.0	19.17055	50.0	800217.0	0.095853	Y
8	STD500 460-997049/10	500.0	48.378974	50.0	818309.0	0.096758	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

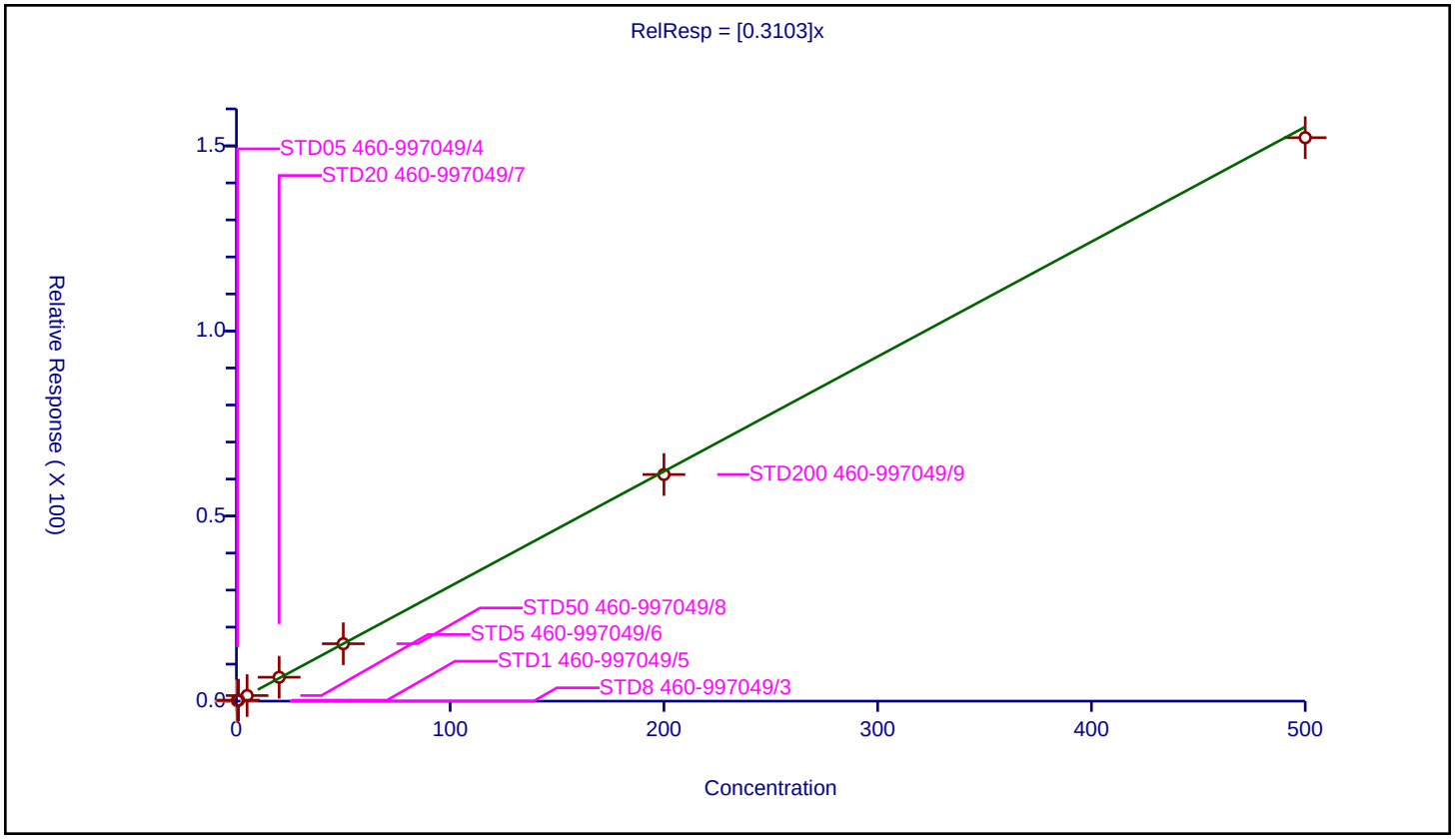
Curve Coefficients

Intercept:	0
Slope:	0.3103

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.179146	50.0	736273.0	0.358291	Y
3	STD1 460-997049/5	1.0	0.269449	50.0	759883.0	0.269449	Y
4	STD5 460-997049/6	5.0	1.504358	50.0	747661.0	0.300872	Y
5	STD20 460-997049/7	20.0	6.454204	50.0	728192.0	0.32271	Y
6	STD50 460-997049/8	50.0	15.509437	50.0	793936.0	0.310189	Y
7	STD200 460-997049/9	200.0	61.221706	50.0	800217.0	0.306109	Y
8	STD500 460-997049/10	500.0	152.222571	50.0	818309.0	0.304445	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

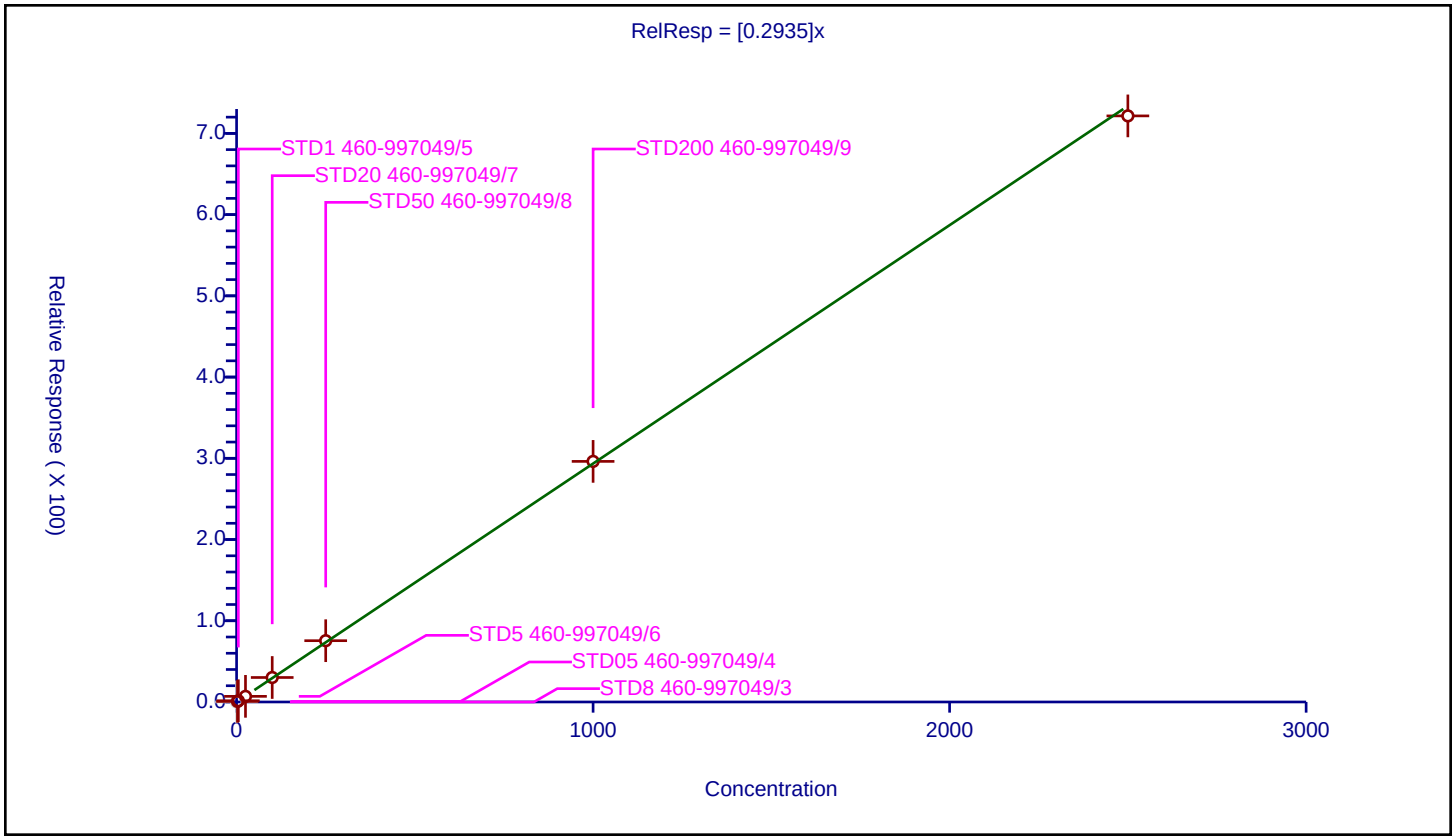
Curve Coefficients

Intercept:	0
Slope:	0.2935

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	2.5	0.710249	250.0	226681.0	0.2841	Y
3	STD1 460-997049/5	5.0	1.521079	250.0	231579.0	0.304216	Y
4	STD5 460-997049/6	25.0	6.954809	250.0	239870.0	0.278192	Y
5	STD20 460-997049/7	100.0	30.139331	250.0	235697.0	0.301393	Y
6	STD50 460-997049/8	250.0	75.45281	250.0	262472.0	0.301811	Y
7	STD200 460-997049/9	1000.0	296.187481	250.0	264720.0	0.296187	Y
8	STD500 460-997049/10	2500.0	721.540067	250.0	285981.0	0.288616	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

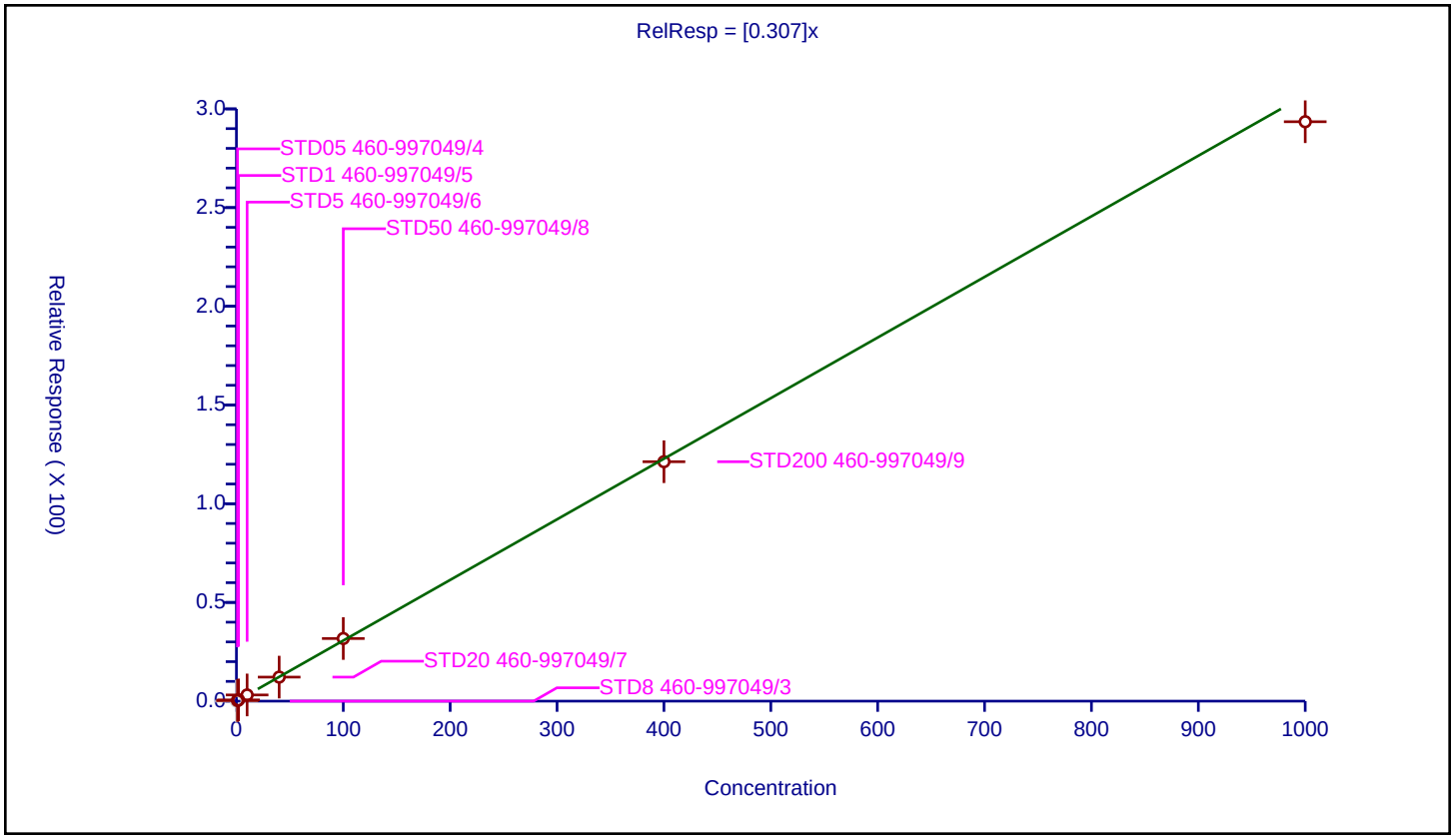
Curve Coefficients

Intercept:	0
Slope:	0.307

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	1.0	0.308804	250.0	226681.0	0.308804	Y
3	STD1 460-997049/5	2.0	0.615341	250.0	231579.0	0.30767	Y
4	STD5 460-997049/6	10.0	3.1392	250.0	239870.0	0.31392	Y
5	STD20 460-997049/7	40.0	12.176651	250.0	235697.0	0.304416	Y
6	STD50 460-997049/8	100.0	31.723384	250.0	262472.0	0.317234	Y
7	STD200 460-997049/9	400.0	121.286642	250.0	264720.0	0.303217	Y
8	STD500 460-997049/10	1000.0	293.497645	250.0	285981.0	0.293498	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

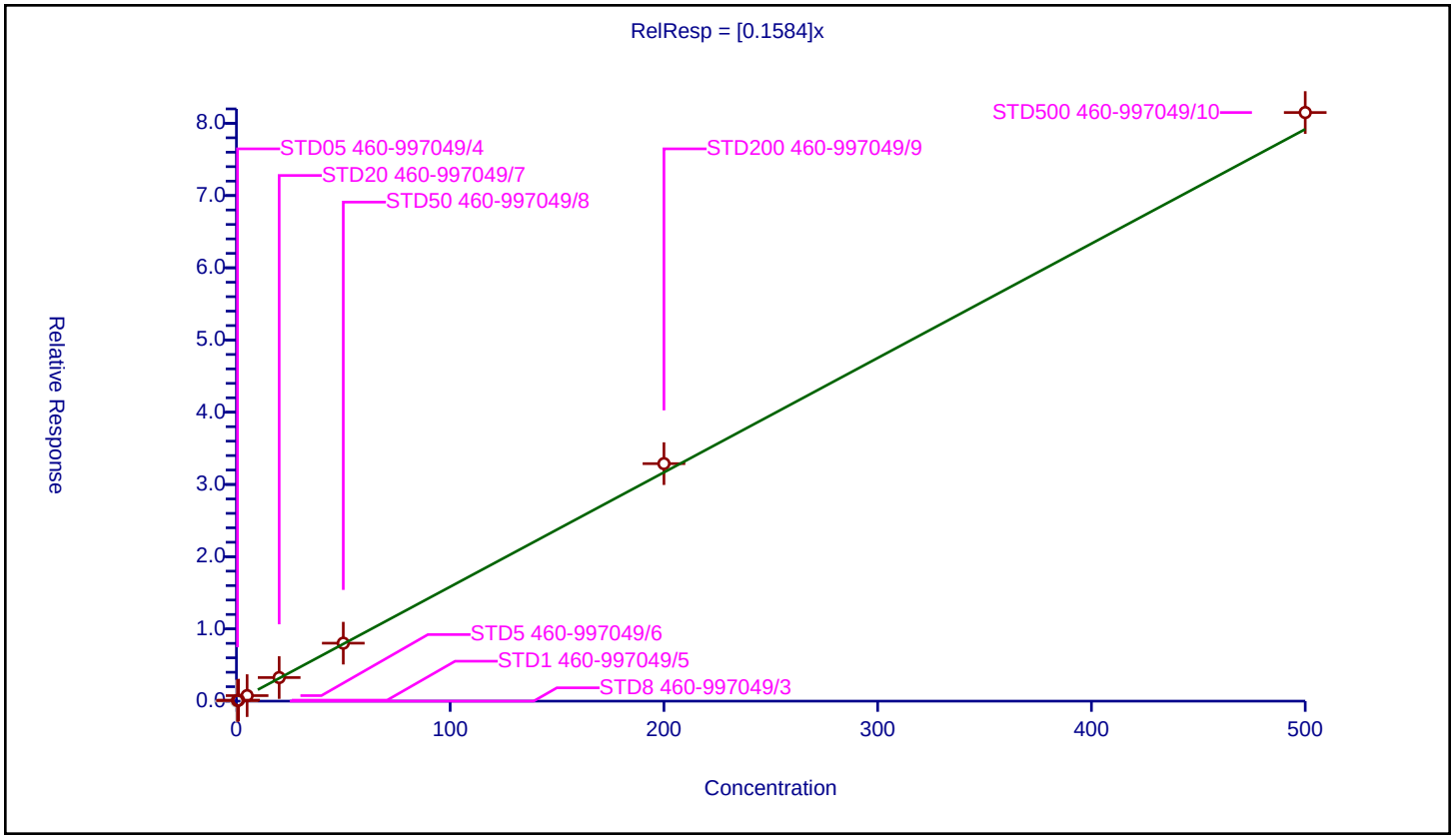
Curve Coefficients

Intercept:	0
Slope:	0.1584

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.082714	50.0	736273.0	0.165428	Y
3	STD1 460-997049/5	1.0	0.139232	50.0	759883.0	0.139232	Y
4	STD5 460-997049/6	5.0	0.763916	50.0	747661.0	0.152783	Y
5	STD20 460-997049/7	20.0	3.26521	50.0	728192.0	0.163261	Y
6	STD50 460-997049/8	50.0	8.024387	50.0	793936.0	0.160488	Y
7	STD200 460-997049/9	200.0	32.884393	50.0	800217.0	0.164422	Y
8	STD500 460-997049/10	500.0	81.496598	50.0	818309.0	0.162993	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

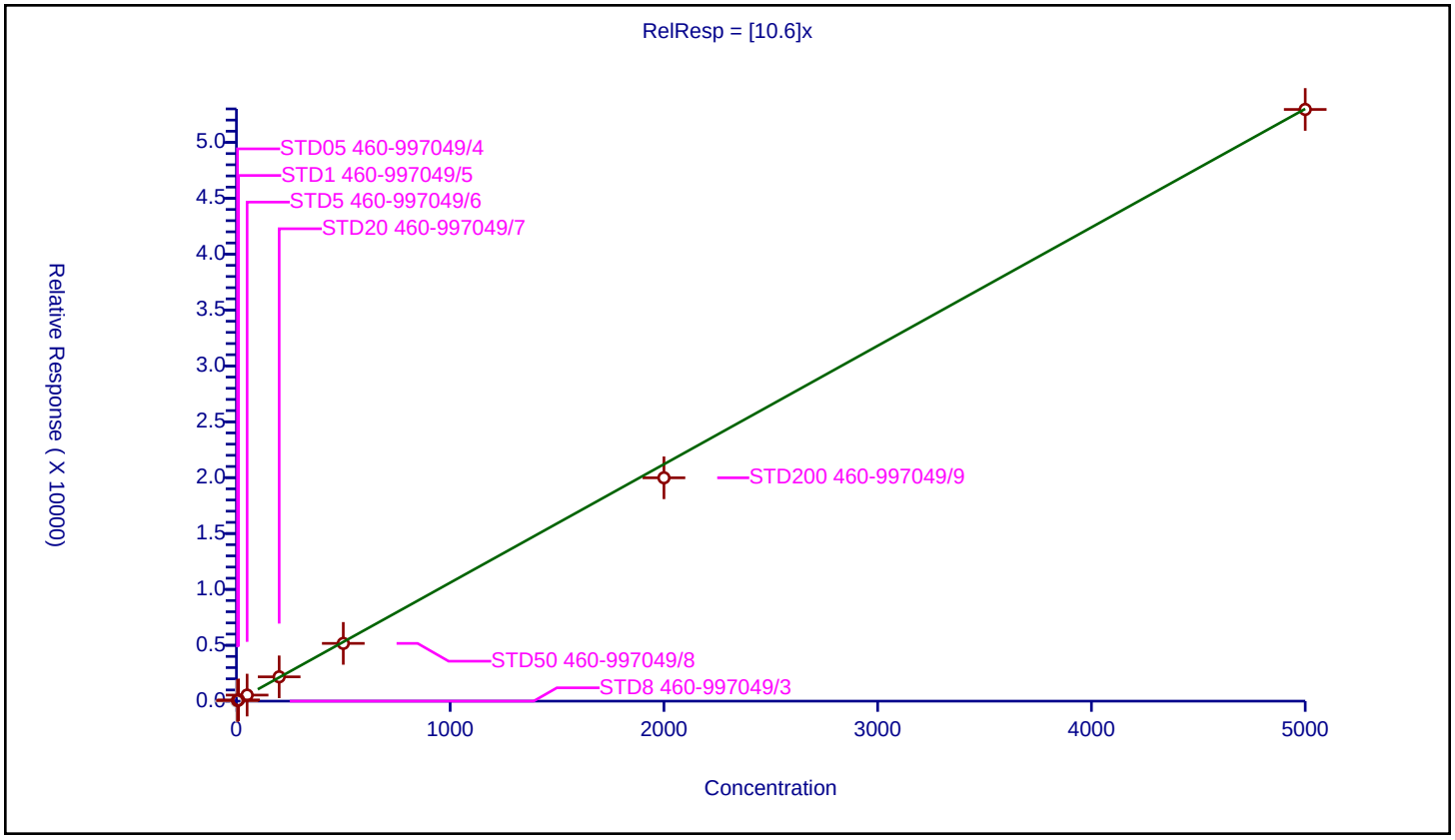
Curve Coefficients

Intercept:	0
Slope:	10.6

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	5.0	53.320011	1000.0	33027.0	10.664002	Y
3	STD1 460-997049/5	10.0	108.915041	1000.0	31015.0	10.891504	Y
4	STD5 460-997049/6	50.0	542.51508	1000.0	32659.0	10.850302	Y
5	STD20 460-997049/7	200.0	2175.388547	1000.0	33651.0	10.876943	Y
6	STD50 460-997049/8	500.0	5167.445463	1000.0	38735.0	10.334891	Y
7	STD200 460-997049/9	2000.0	19987.653694	1000.0	39364.0	9.993827	Y
8	STD500 460-997049/10	5000.0	52950.683272	1000.0	37979.0	10.590137	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

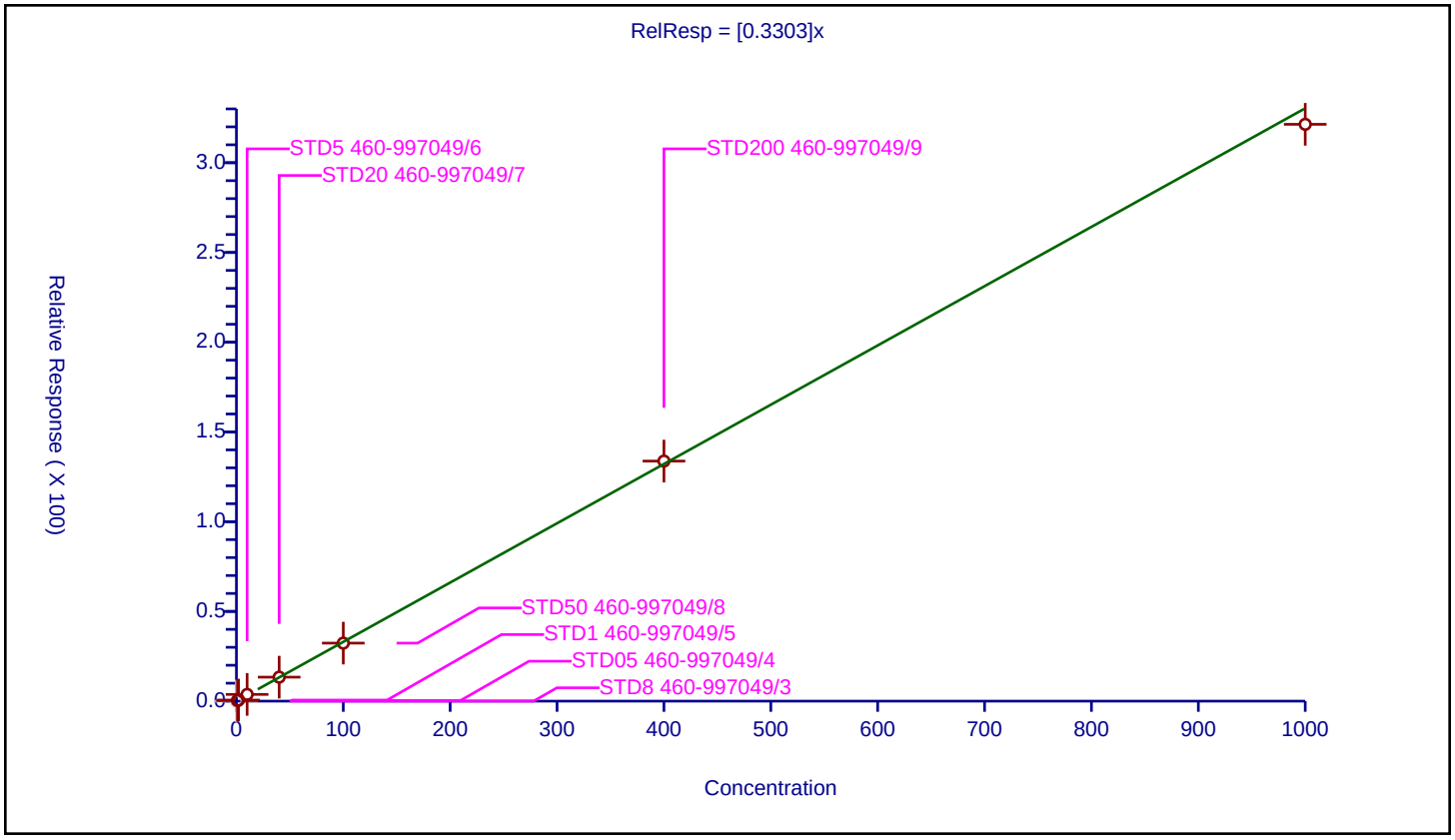
Curve Coefficients

Intercept:	0
Slope:	0.3303

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	1.0	0.324244	250.0	226681.0	0.324244	Y
3	STD1 460-997049/5	2.0	0.601307	250.0	231579.0	0.300653	Y
4	STD5 460-997049/6	10.0	3.740568	250.0	239870.0	0.374057	Y
5	STD20 460-997049/7	40.0	13.368859	250.0	235697.0	0.334221	Y
6	STD50 460-997049/8	100.0	32.325353	250.0	262472.0	0.323254	Y
7	STD200 460-997049/9	400.0	133.768699	250.0	264720.0	0.334422	Y
8	STD500 460-997049/10	1000.0	321.40859	250.0	285981.0	0.321409	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

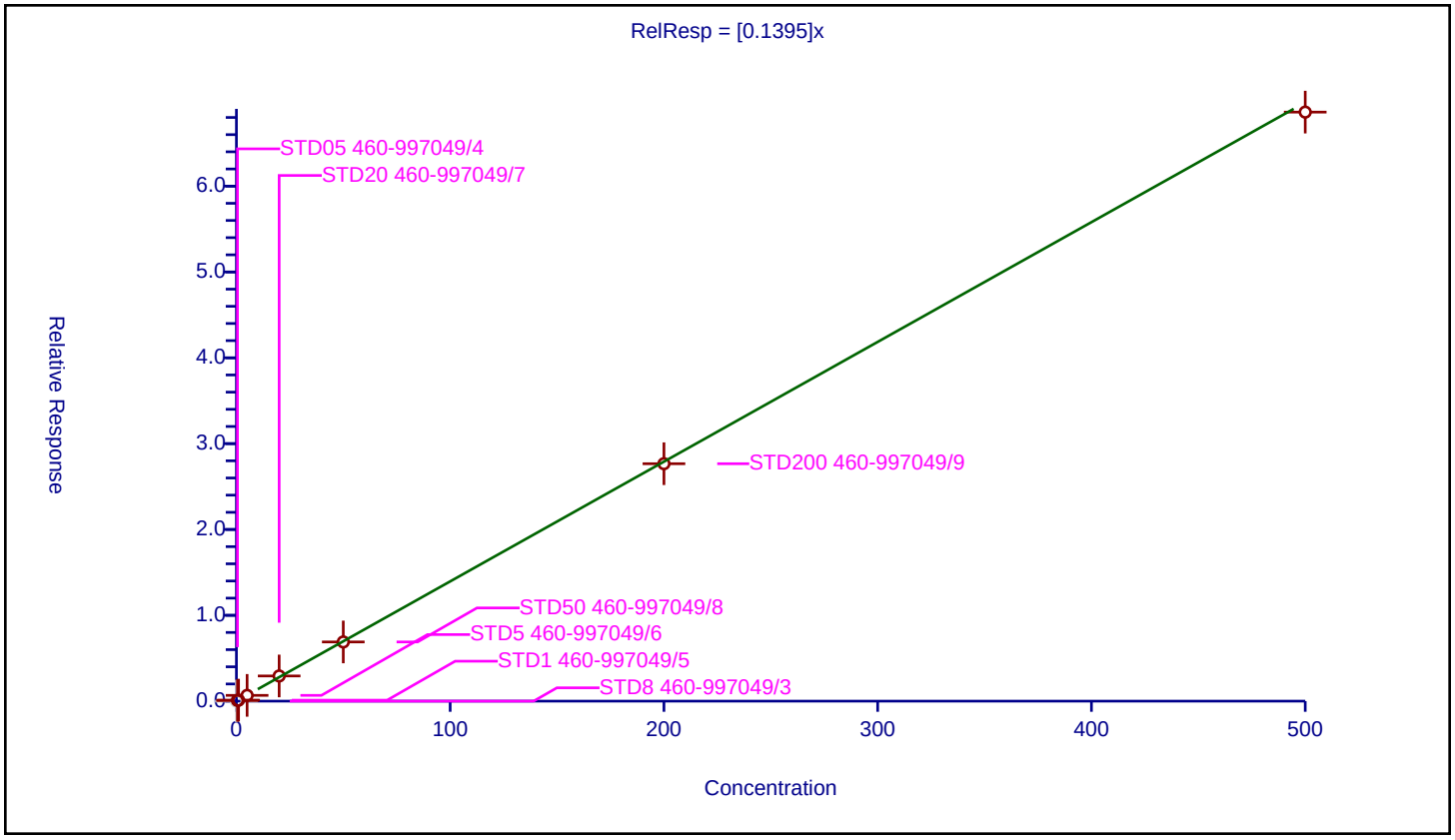
Curve Coefficients

Intercept:	0
Slope:	0.1395

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.084276	50.0	736273.0	0.168552	Y
3	STD1 460-997049/5	1.0	0.113833	50.0	759883.0	0.113833	Y
4	STD5 460-997049/6	5.0	0.670357	50.0	747661.0	0.134071	Y
5	STD20 460-997049/7	20.0	2.932949	50.0	728192.0	0.146647	Y
6	STD50 460-997049/8	50.0	6.894888	50.0	793936.0	0.137898	Y
7	STD200 460-997049/9	200.0	27.660997	50.0	800217.0	0.138305	Y
8	STD500 460-997049/10	500.0	68.624505	50.0	818309.0	0.137249	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

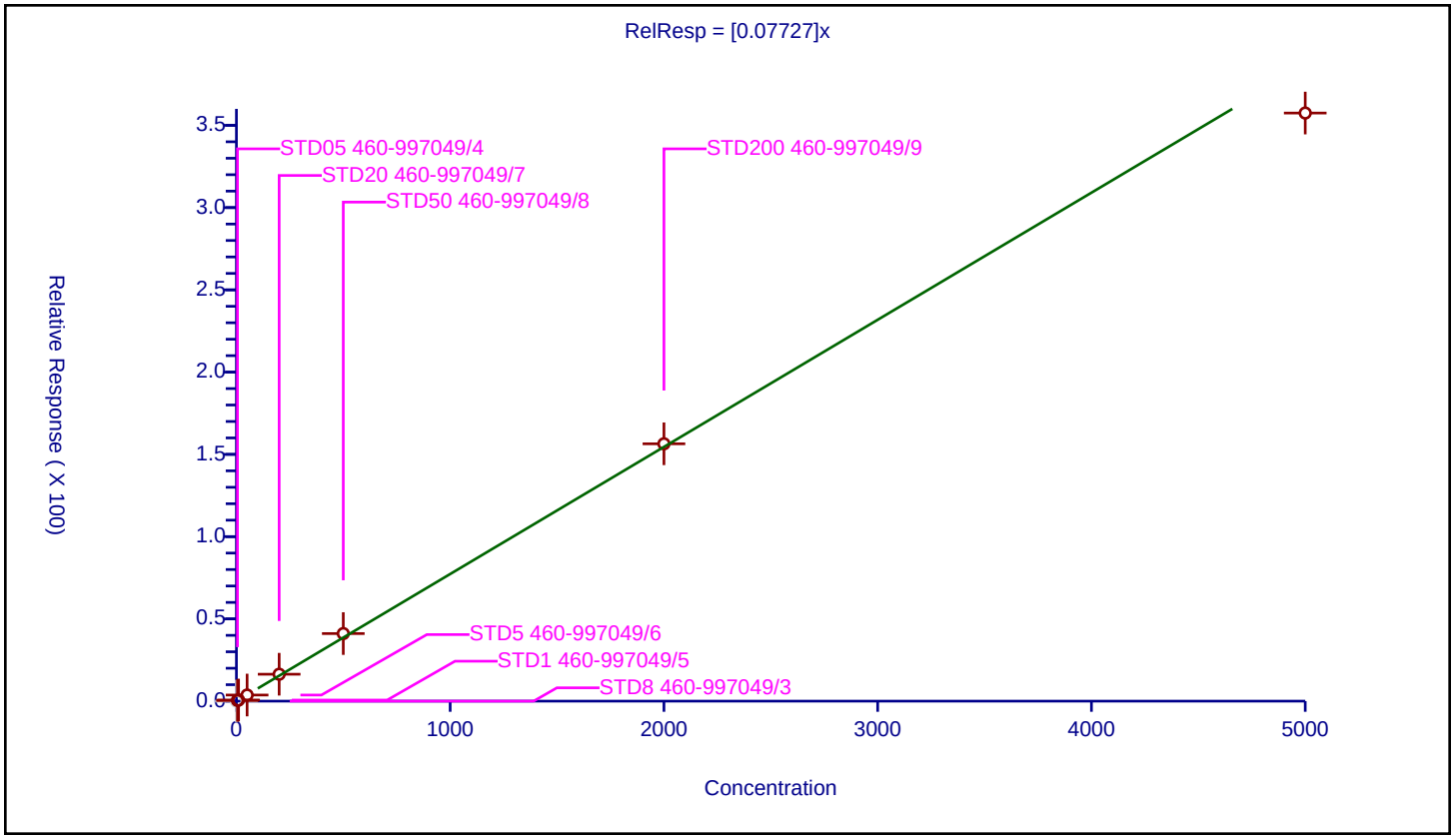
Curve Coefficients

Intercept:	0
Slope:	0.07727

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	5.0	0.438492	50.0	736273.0	0.087698	Y
3	STD1 460-997049/5	10.0	0.650561	50.0	759883.0	0.065056	Y
4	STD5 460-997049/6	50.0	3.721807	50.0	747661.0	0.074436	Y
5	STD20 460-997049/7	200.0	16.363885	50.0	728192.0	0.081819	Y
6	STD50 460-997049/8	500.0	41.074658	50.0	793936.0	0.082149	Y
7	STD200 460-997049/9	2000.0	156.436754	50.0	800217.0	0.078218	Y
8	STD500 460-997049/10	5000.0	357.481526	50.0	818309.0	0.071496	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

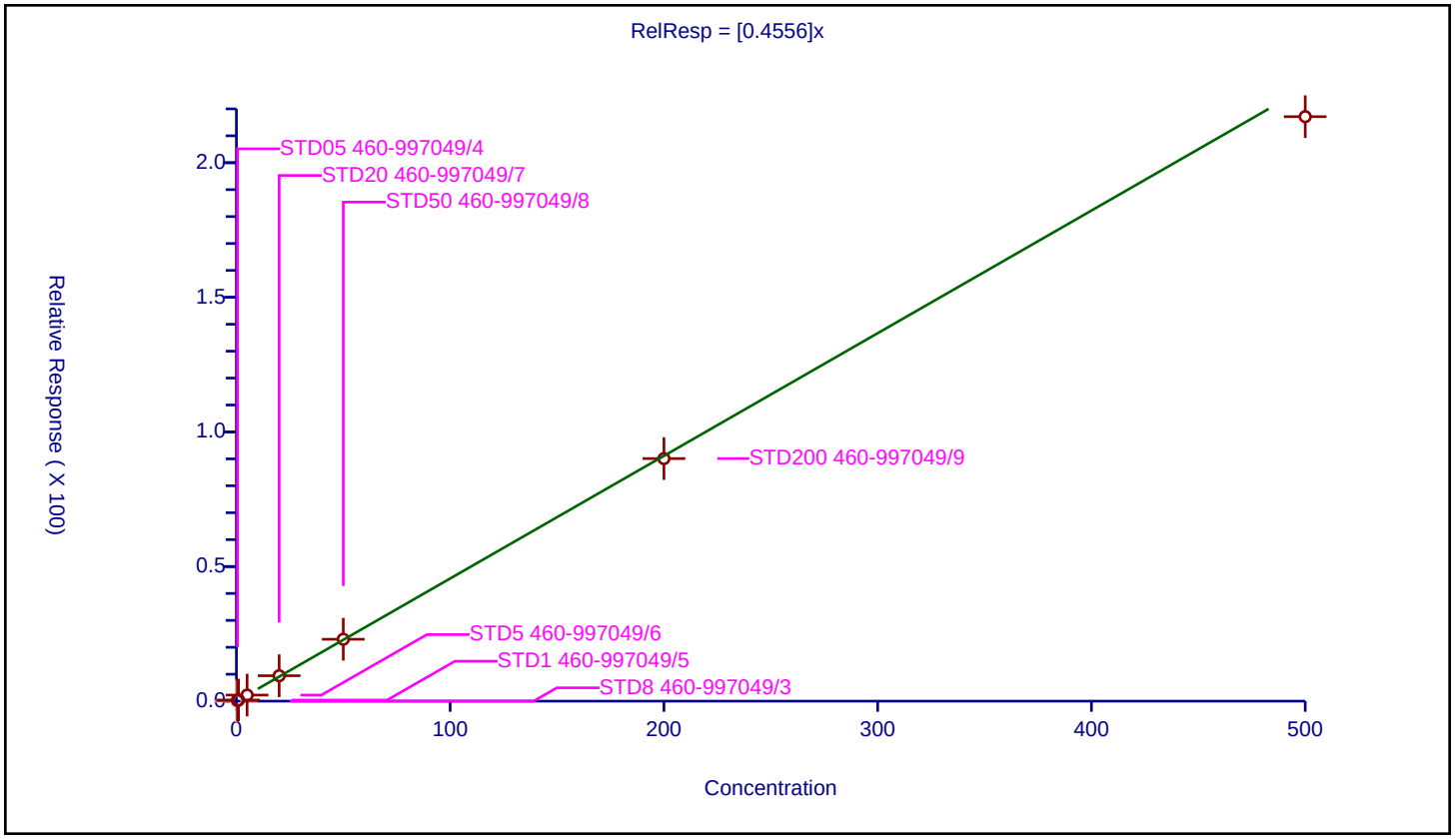
Curve Coefficients

Intercept:	0
Slope:	0.4556

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.26023	50.0	736273.0	0.520459	Y
3	STD1 460-997049/5	1.0	0.400785	50.0	759883.0	0.400785	Y
4	STD5 460-997049/6	5.0	2.25744	50.0	747661.0	0.451488	Y
5	STD20 460-997049/7	20.0	9.439406	50.0	728192.0	0.47197	Y
6	STD50 460-997049/8	50.0	22.983968	50.0	793936.0	0.459679	Y
7	STD200 460-997049/9	200.0	90.101373	50.0	800217.0	0.450507	Y
8	STD500 460-997049/10	500.0	217.107107	50.0	818309.0	0.434214	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

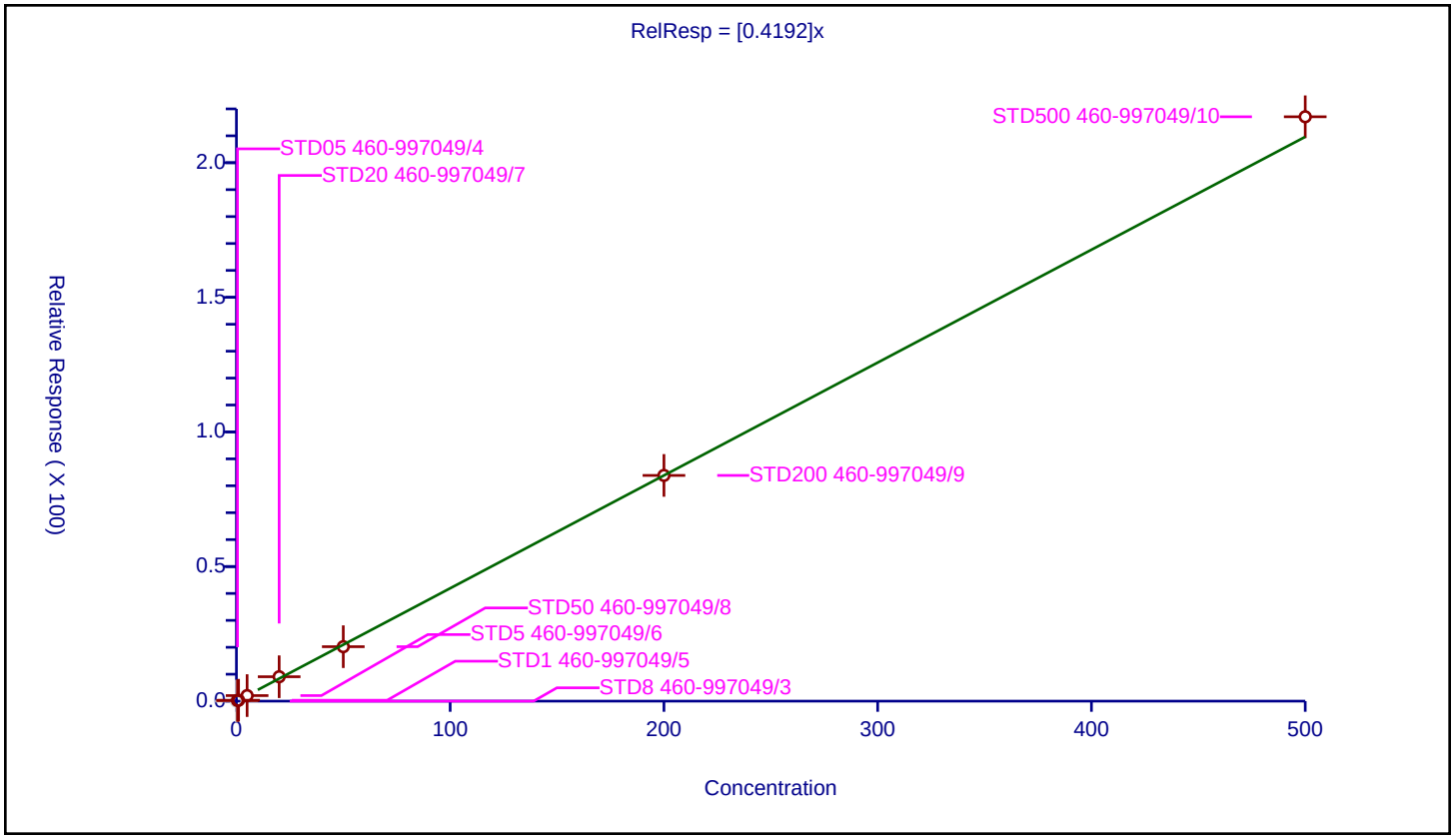
Curve Coefficients

Intercept:	0
Slope:	0.4192

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.239449	50.0	736273.0	0.478898	Y
3	STD1 460-997049/5	1.0	0.331959	50.0	759883.0	0.331959	Y
4	STD5 460-997049/6	5.0	2.063168	50.0	747661.0	0.412634	Y
5	STD20 460-997049/7	20.0	9.063338	50.0	728192.0	0.453167	Y
6	STD50 460-997049/8	50.0	20.226504	50.0	793936.0	0.40453	Y
7	STD200 460-997049/9	200.0	83.840071	50.0	800217.0	0.4192	Y
8	STD500 460-997049/10	500.0	217.06678	50.0	818309.0	0.434134	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

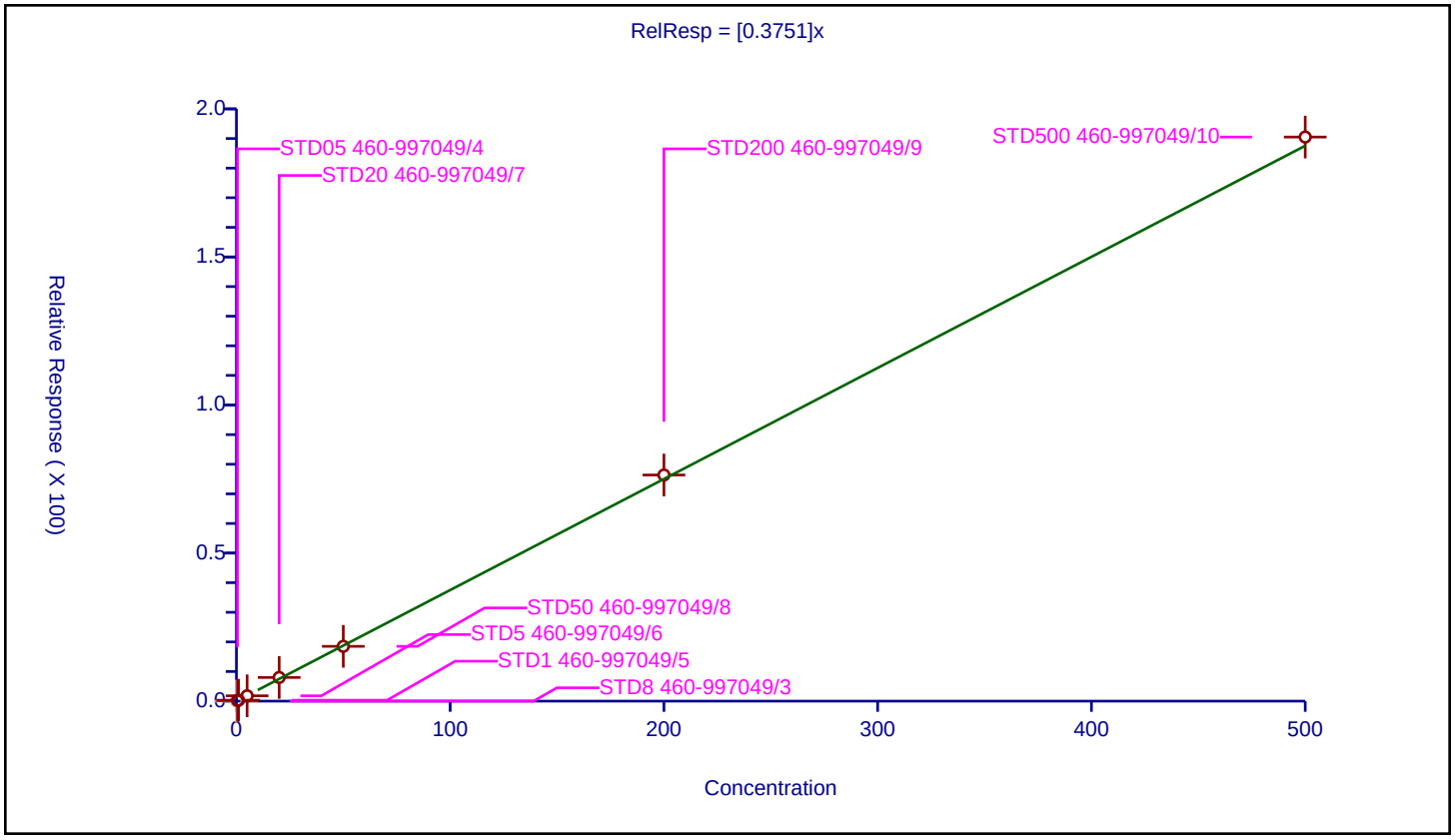
Curve Coefficients

Intercept:	0
Slope:	0.3751

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.208754	50.0	736273.0	0.417508	Y
3	STD1 460-997049/5	1.0	0.314851	50.0	759883.0	0.314851	Y
4	STD5 460-997049/6	5.0	1.804561	50.0	747661.0	0.360912	Y
5	STD20 460-997049/7	20.0	7.987729	50.0	728192.0	0.399386	Y
6	STD50 460-997049/8	50.0	18.50993	50.0	793936.0	0.370199	Y
7	STD200 460-997049/9	200.0	76.363536	50.0	800217.0	0.381818	Y
8	STD500 460-997049/10	500.0	190.491	50.0	818309.0	0.380982	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

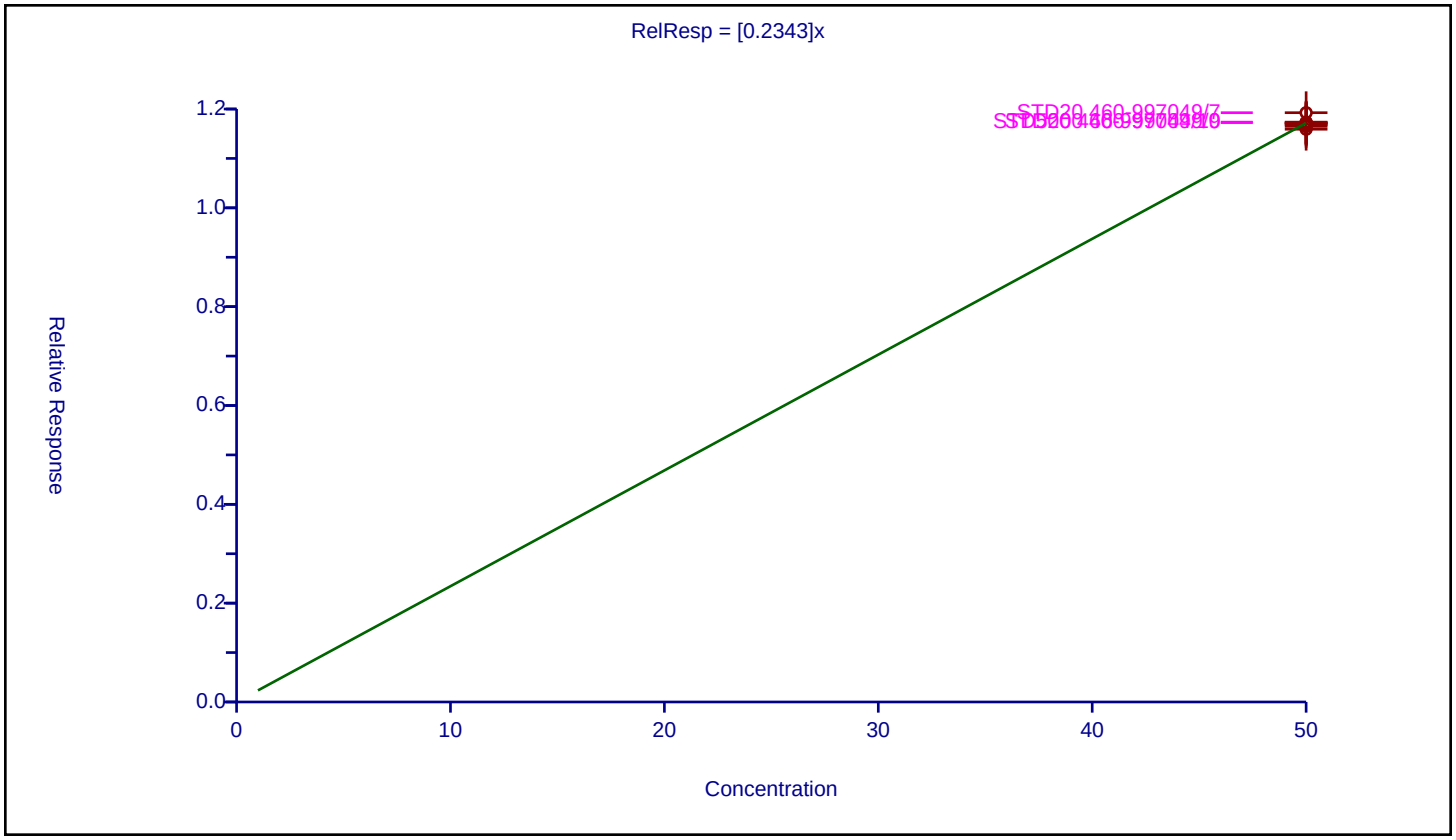
Curve Coefficients

Intercept:	0
Slope:	0.2343

Error Coefficients

Relative Standard Deviation:	0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	50.0	11.704533	50.0	768275.0	0.234091	Y
2	STD05 460-997049/4	50.0	11.590809	50.0	736273.0	0.231816	Y
3	STD1 460-997049/5	50.0	11.648504	50.0	759883.0	0.23297	Y
4	STD5 460-997049/6	50.0	11.712059	50.0	747661.0	0.234241	Y
5	STD20 460-997049/7	50.0	11.925495	50.0	728192.0	0.23851	Y
6	STD50 460-997049/8	50.0	11.681798	50.0	793936.0	0.233636	Y
7	STD200 460-997049/9	50.0	11.724632	50.0	800217.0	0.234493	Y
8	STD500 460-997049/10	50.0	11.734443	50.0	818309.0	0.234689	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

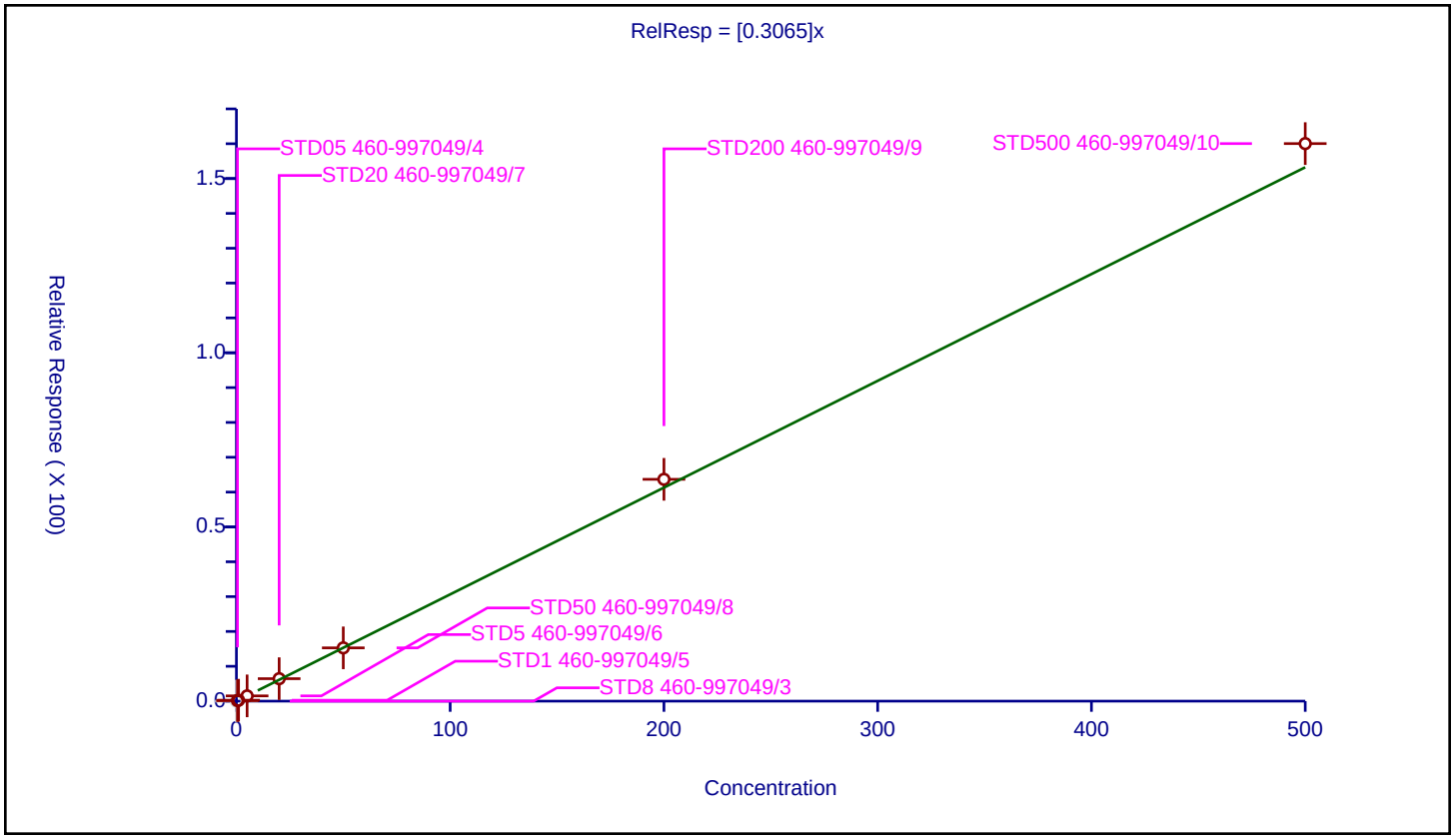
Curve Coefficients

Intercept:	0
Slope:	0.3065

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.156328	50.0	736273.0	0.312656	Y
3	STD1 460-997049/5	1.0	0.26333	50.0	759883.0	0.26333	Y
4	STD5 460-997049/6	5.0	1.513186	50.0	747661.0	0.302637	Y
5	STD20 460-997049/7	20.0	6.447681	50.0	728192.0	0.322384	Y
6	STD50 460-997049/8	50.0	15.29059	50.0	793936.0	0.305812	Y
7	STD200 460-997049/9	200.0	63.673479	50.0	800217.0	0.318367	Y
8	STD500 460-997049/10	500.0	160.038934	50.0	818309.0	0.320078	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

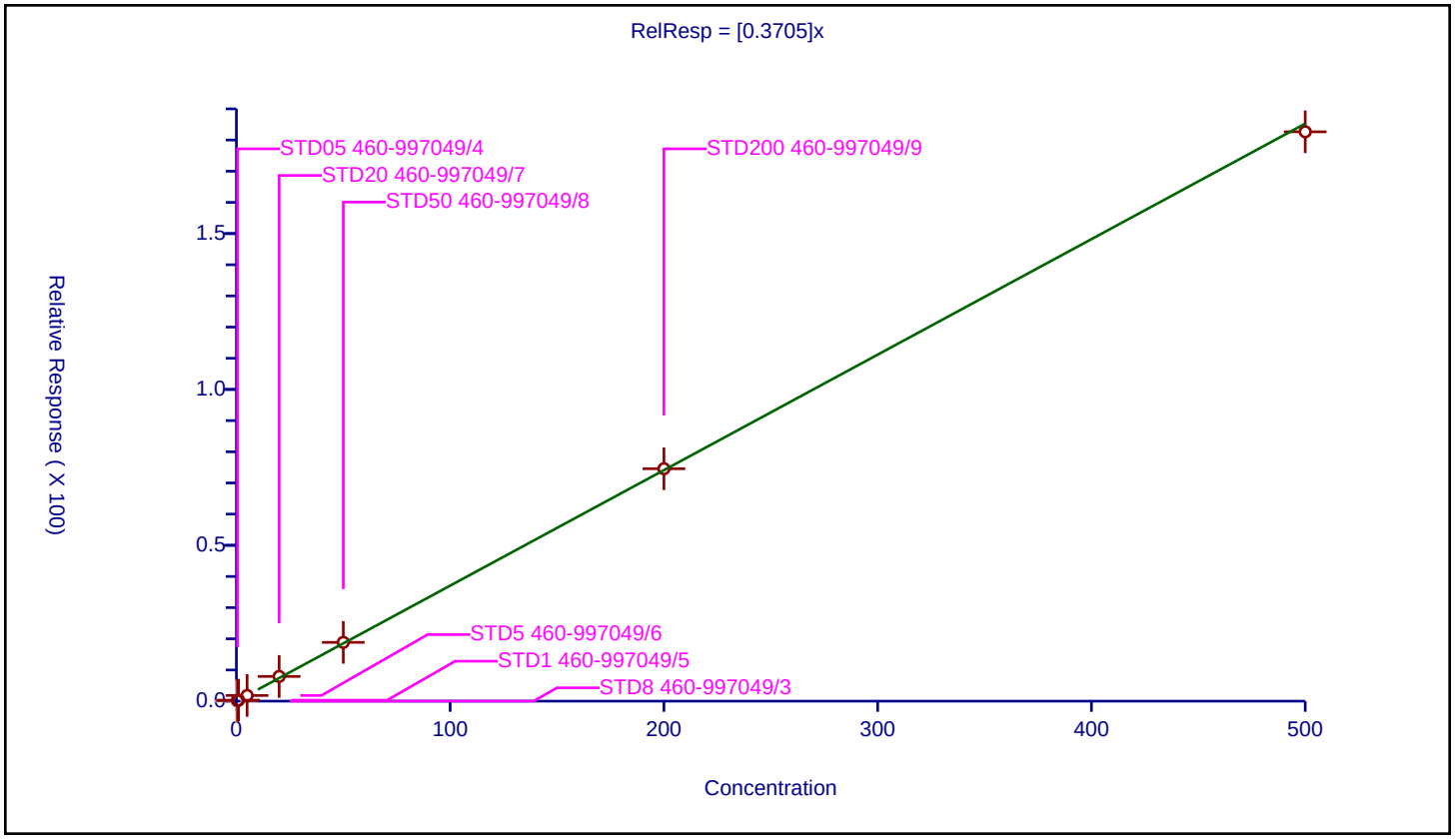
Curve Coefficients

Intercept:	0
Slope:	0.3705

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.202642	50.0	736273.0	0.405284	Y
3	STD1 460-997049/5	1.0	0.314062	50.0	759883.0	0.314062	Y
4	STD5 460-997049/6	5.0	1.815328	50.0	747661.0	0.363066	Y
5	STD20 460-997049/7	20.0	7.920782	50.0	728192.0	0.396039	Y
6	STD50 460-997049/8	50.0	18.856054	50.0	793936.0	0.377121	Y
7	STD200 460-997049/9	200.0	74.565649	50.0	800217.0	0.372828	Y
8	STD500 460-997049/10	500.0	182.649586	50.0	818309.0	0.365299	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

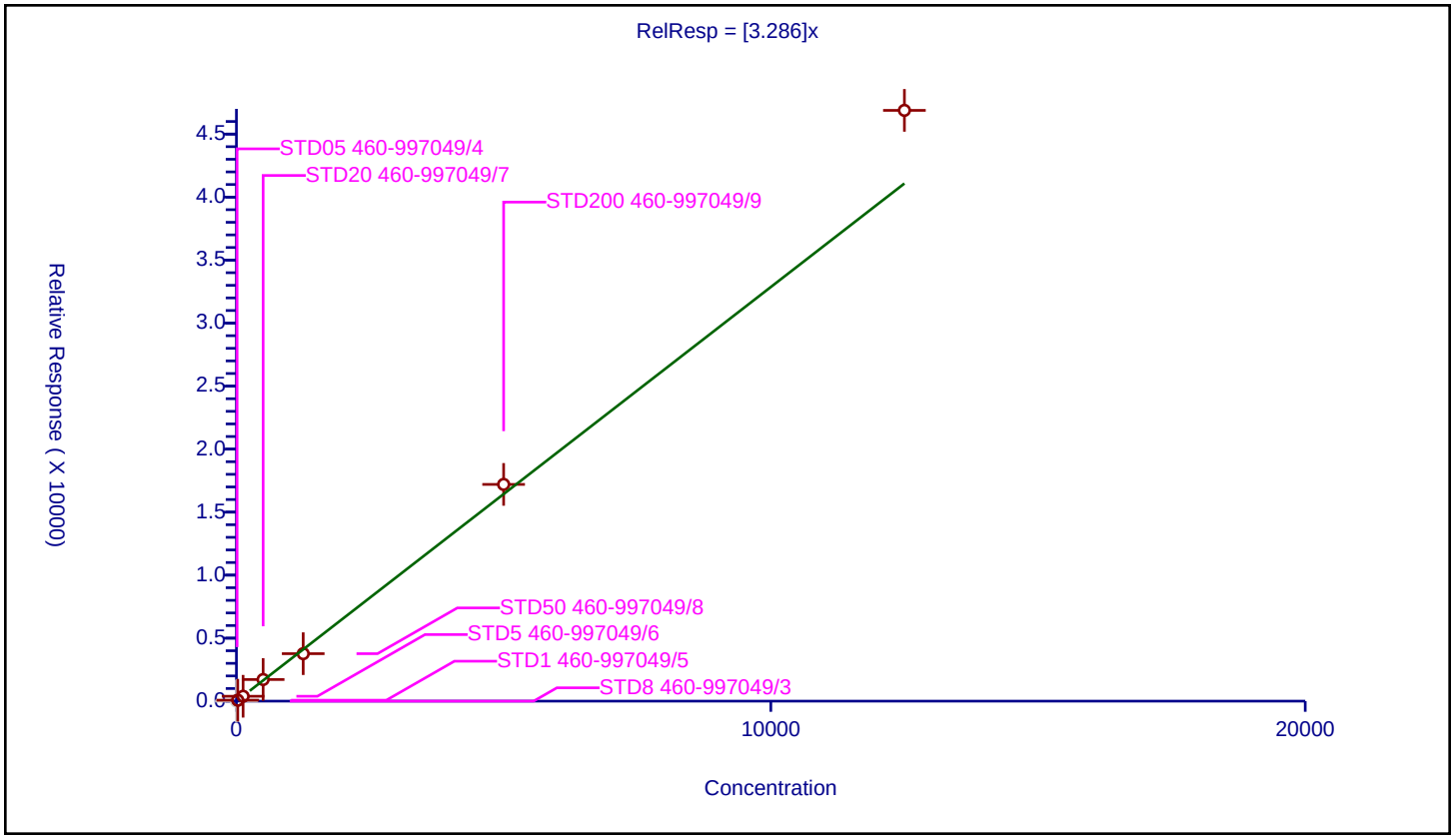
Curve Coefficients

Intercept:	0
Slope:	3.286

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	12.5	62.736549	1000.0	33027.0	5.018924	N
3	STD1 460-997049/5	25.0	74.60906	1000.0	31015.0	2.984362	Y
4	STD5 460-997049/6	125.0	387.4889	1000.0	32659.0	3.099911	Y
5	STD20 460-997049/7	500.0	1714.748447	1000.0	33651.0	3.429497	Y
6	STD50 460-997049/8	1250.0	3767.548729	1000.0	38735.0	3.014039	Y
7	STD200 460-997049/9	5000.0	17199.54781	1000.0	39364.0	3.43991	Y
8	STD500 460-997049/10	12500.0	46881.803102	1000.0	37979.0	3.750544	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

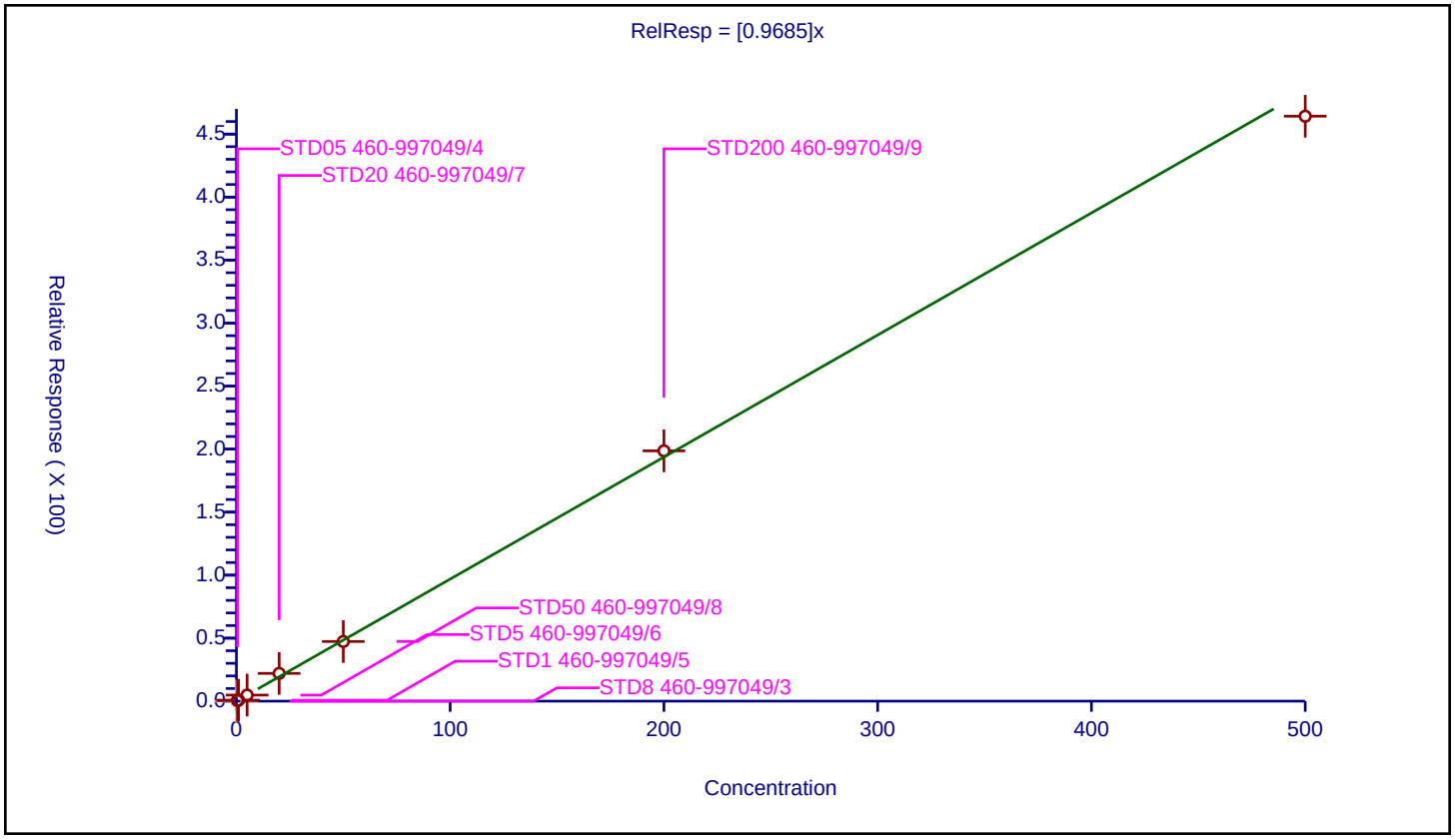
Curve Coefficients

Intercept:	0
Slope:	0.9685

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.551018	50.0	736273.0	1.102037	Y
3	STD1 460-997049/5	1.0	0.742746	50.0	759883.0	0.742746	Y
4	STD5 460-997049/6	5.0	4.828659	50.0	747661.0	0.965732	Y
5	STD20 460-997049/7	20.0	22.022832	50.0	728192.0	1.101142	Y
6	STD50 460-997049/8	50.0	47.328563	50.0	793936.0	0.946571	Y
7	STD200 460-997049/9	200.0	198.630372	50.0	800217.0	0.993152	Y
8	STD500 460-997049/10	500.0	464.1903	50.0	818309.0	0.928381	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

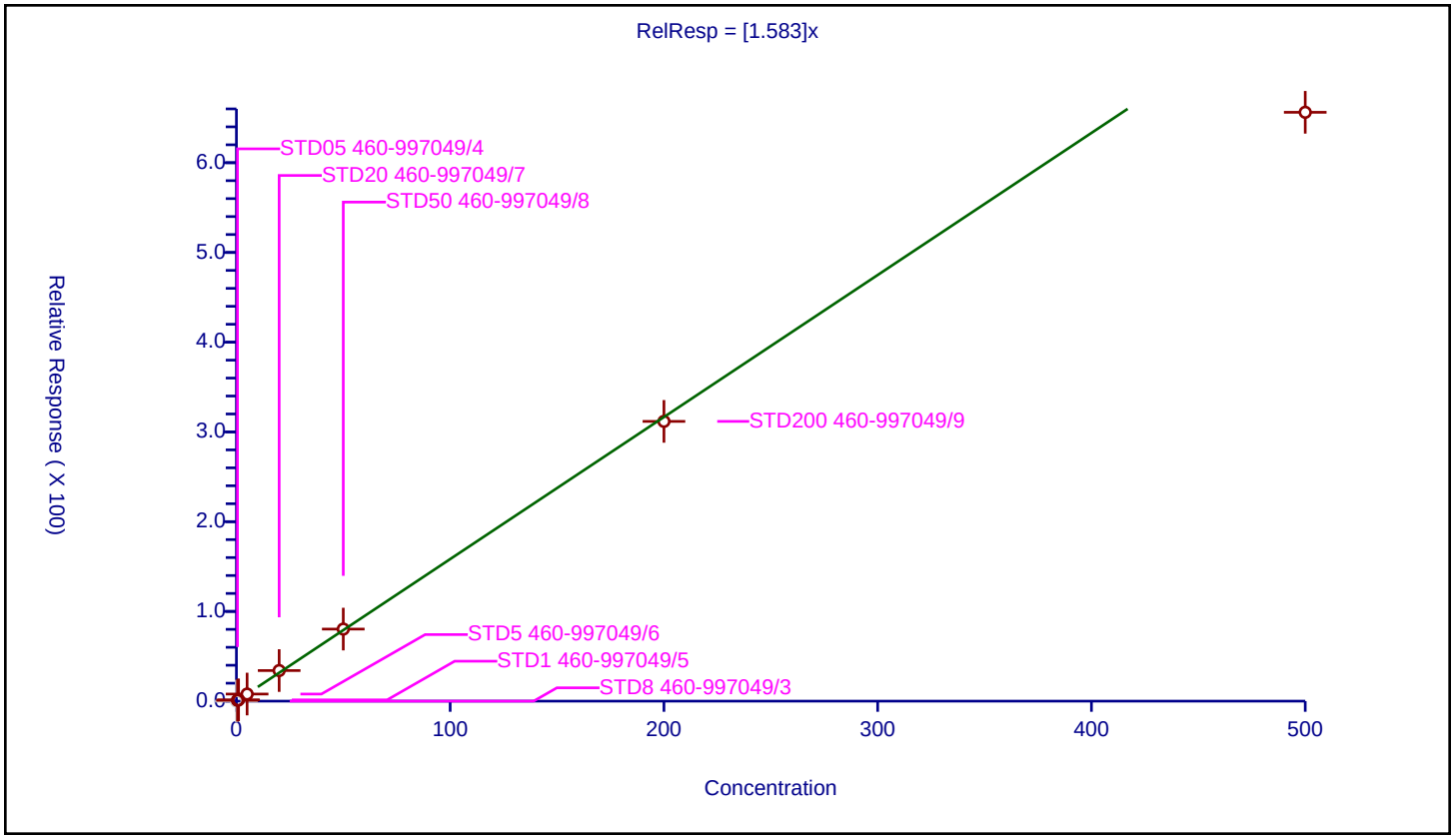
Curve Coefficients

Intercept:	0
Slope:	1.583

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.950568	50.0	503804.0	1.901136	Y
3	STD1 460-997049/5	1.0	1.416713	50.0	524030.0	1.416713	Y
4	STD5 460-997049/6	5.0	7.905115	50.0	518797.0	1.581023	Y
5	STD20 460-997049/7	20.0	34.090914	50.0	510859.0	1.704546	Y
6	STD50 460-997049/8	50.0	80.311814	50.0	564407.0	1.606236	Y
7	STD200 460-997049/9	200.0	311.75555	50.0	565350.0	1.558778	Y
8	STD500 460-997049/10	500.0	656.213112	50.0	585729.0	1.312426	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

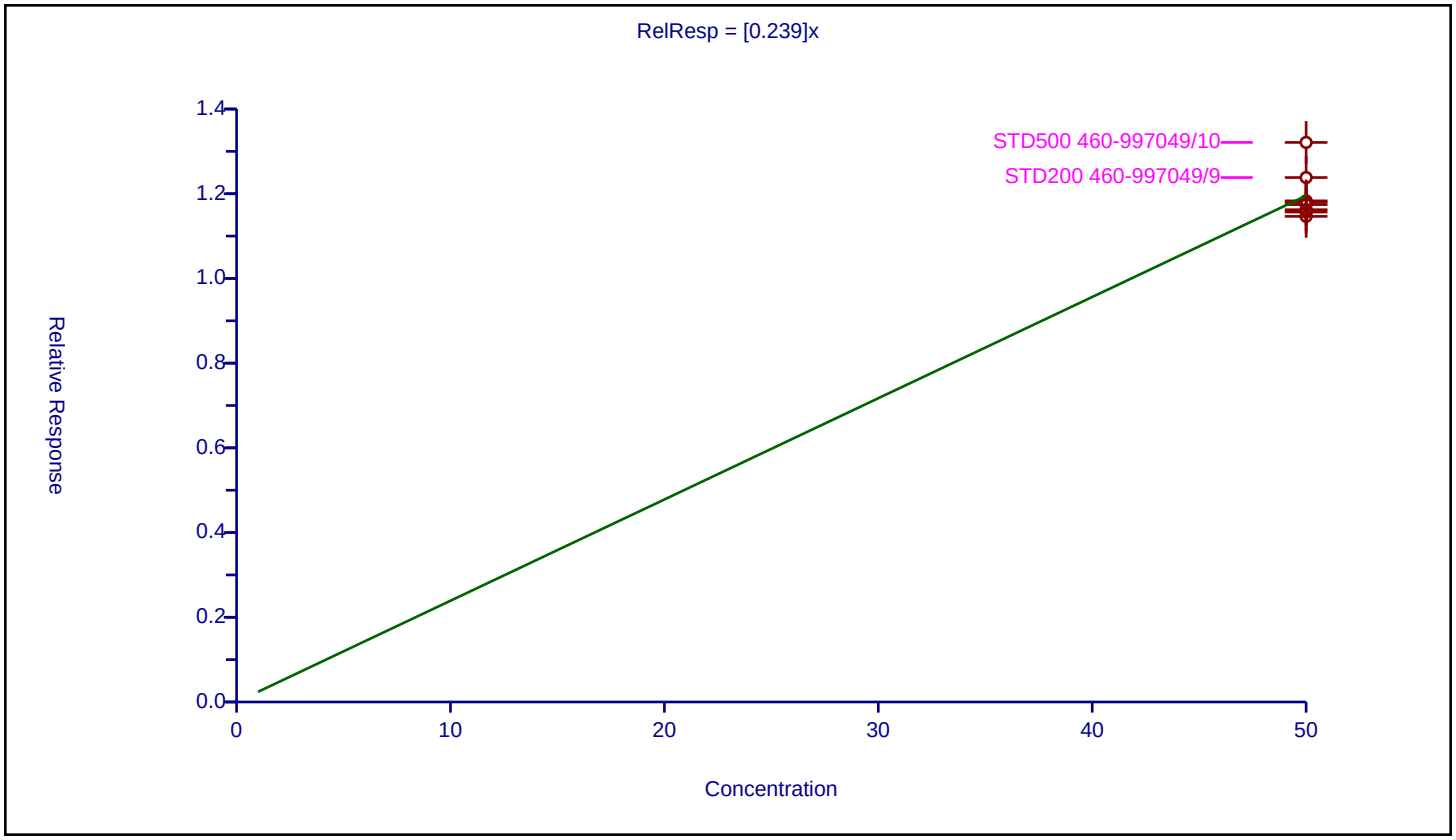
Curve Coefficients

Intercept:	0
Slope:	0.239

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	50.0	11.831831	50.0	768275.0	0.236637	Y
2	STD05 460-997049/4	50.0	11.567041	50.0	736273.0	0.231341	Y
3	STD1 460-997049/5	50.0	11.465449	50.0	759883.0	0.229309	Y
4	STD5 460-997049/6	50.0	11.62238	50.0	747661.0	0.232448	Y
5	STD20 460-997049/7	50.0	11.742713	50.0	728192.0	0.234854	Y
6	STD50 460-997049/8	50.0	11.796039	50.0	793936.0	0.235921	Y
7	STD200 460-997049/9	50.0	12.382016	50.0	800217.0	0.24764	Y
8	STD500 460-997049/10	50.0	13.210902	50.0	818309.0	0.264218	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

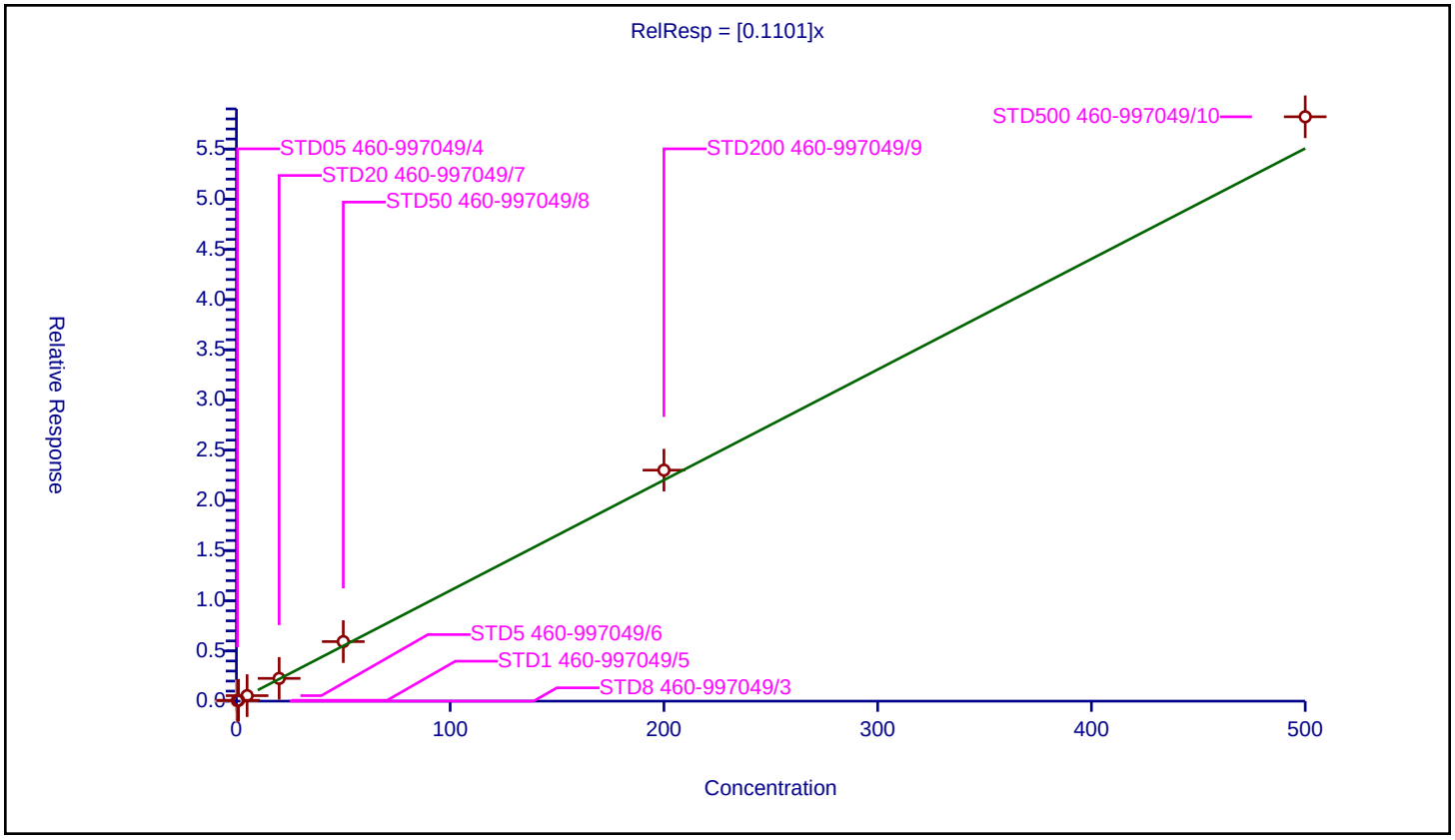
Curve Coefficients

Intercept:	0
Slope:	0.1101

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.055822	50.0	736273.0	0.111643	Y
3	STD1 460-997049/5	1.0	0.085934	50.0	759883.0	0.085934	Y
4	STD5 460-997049/6	5.0	0.548845	50.0	747661.0	0.109769	Y
5	STD20 460-997049/7	20.0	2.267191	50.0	728192.0	0.11336	Y
6	STD50 460-997049/8	50.0	5.932657	50.0	793936.0	0.118653	Y
7	STD200 460-997049/9	200.0	23.009884	50.0	800217.0	0.115049	Y
8	STD500 460-997049/10	500.0	58.213462	50.0	818309.0	0.116427	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

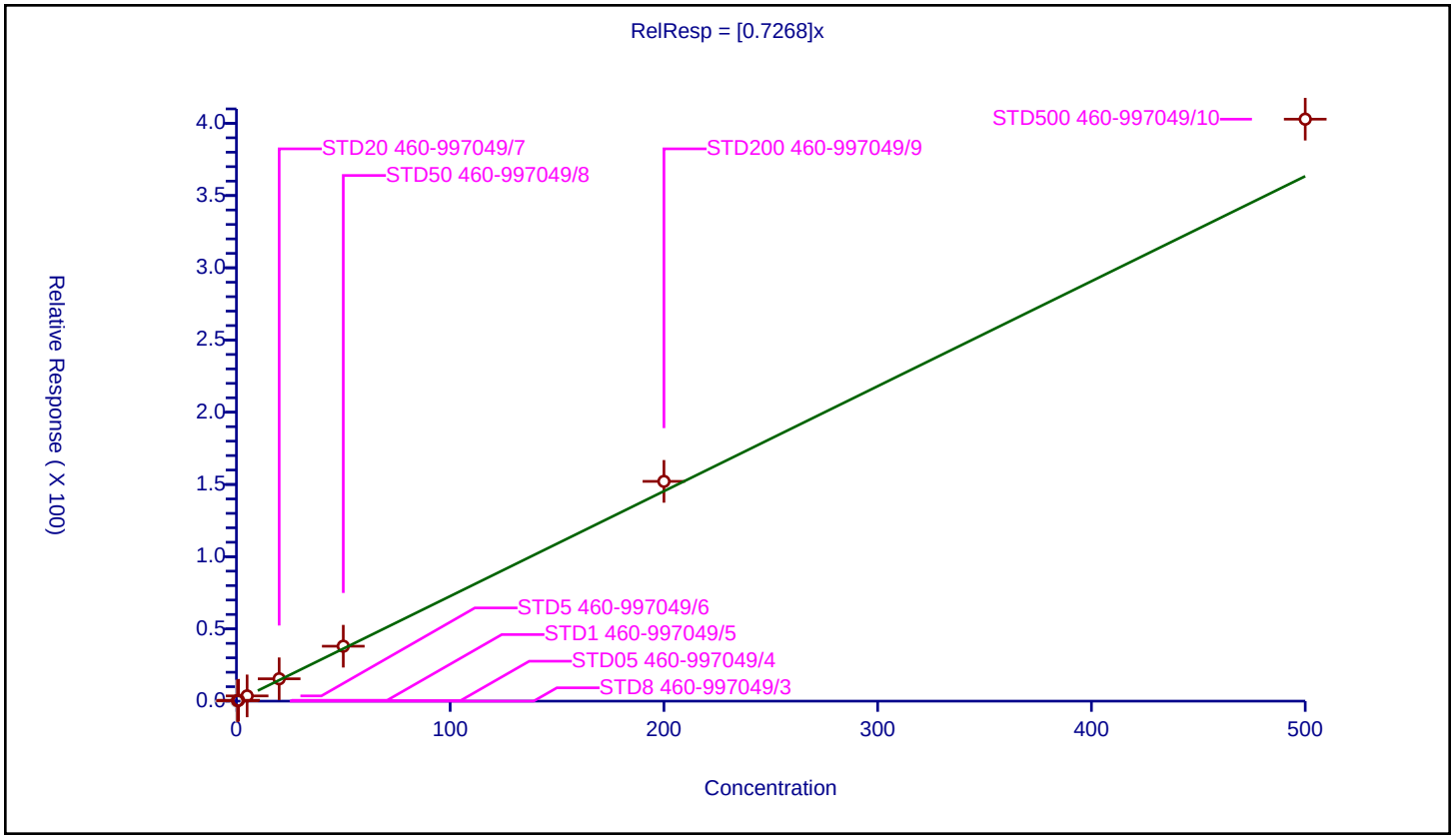
Curve Coefficients

Intercept:	0
Slope:	0.7268

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.33072	50.0	736273.0	0.661439	Y
3	STD1 460-997049/5	1.0	0.599303	50.0	759883.0	0.599303	Y
4	STD5 460-997049/6	5.0	3.626844	50.0	747661.0	0.725369	Y
5	STD20 460-997049/7	20.0	15.482112	50.0	728192.0	0.774106	Y
6	STD50 460-997049/8	50.0	38.033922	50.0	793936.0	0.760678	Y
7	STD200 460-997049/9	200.0	152.140169	50.0	800217.0	0.760701	Y
8	STD500 460-997049/10	500.0	402.885707	50.0	818309.0	0.805771	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

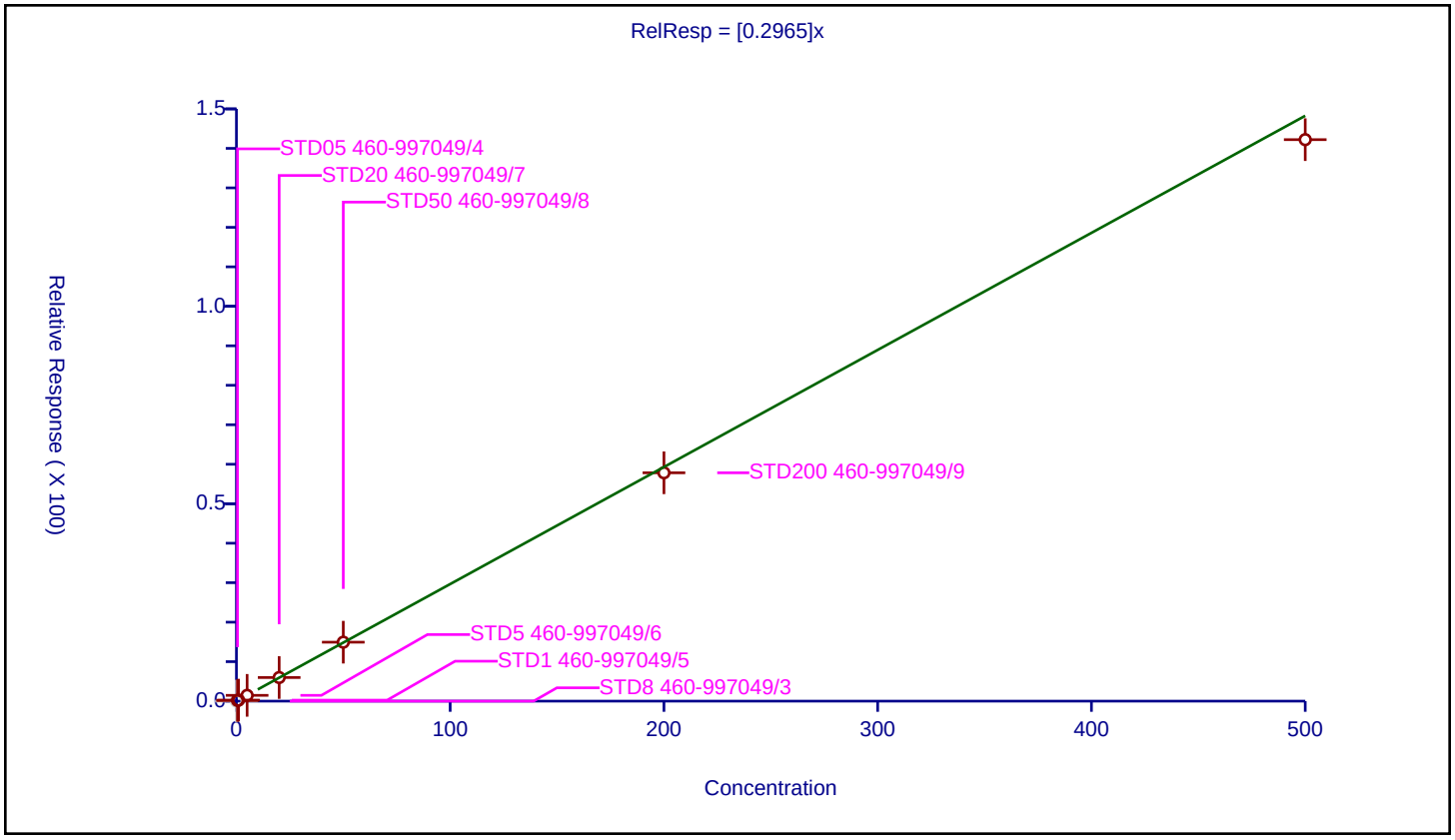
Curve Coefficients

Intercept:	0
Slope:	0.2965

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.178738	50.0	736273.0	0.357476	Y
3	STD1 460-997049/5	1.0	0.253328	50.0	759883.0	0.253328	Y
4	STD5 460-997049/6	5.0	1.467309	50.0	747661.0	0.293462	Y
5	STD20 460-997049/7	20.0	5.981527	50.0	728192.0	0.299076	Y
6	STD50 460-997049/8	50.0	14.9291	50.0	793936.0	0.298582	Y
7	STD200 460-997049/9	200.0	57.831751	50.0	800217.0	0.289159	Y
8	STD500 460-997049/10	500.0	142.209544	50.0	818309.0	0.284419	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

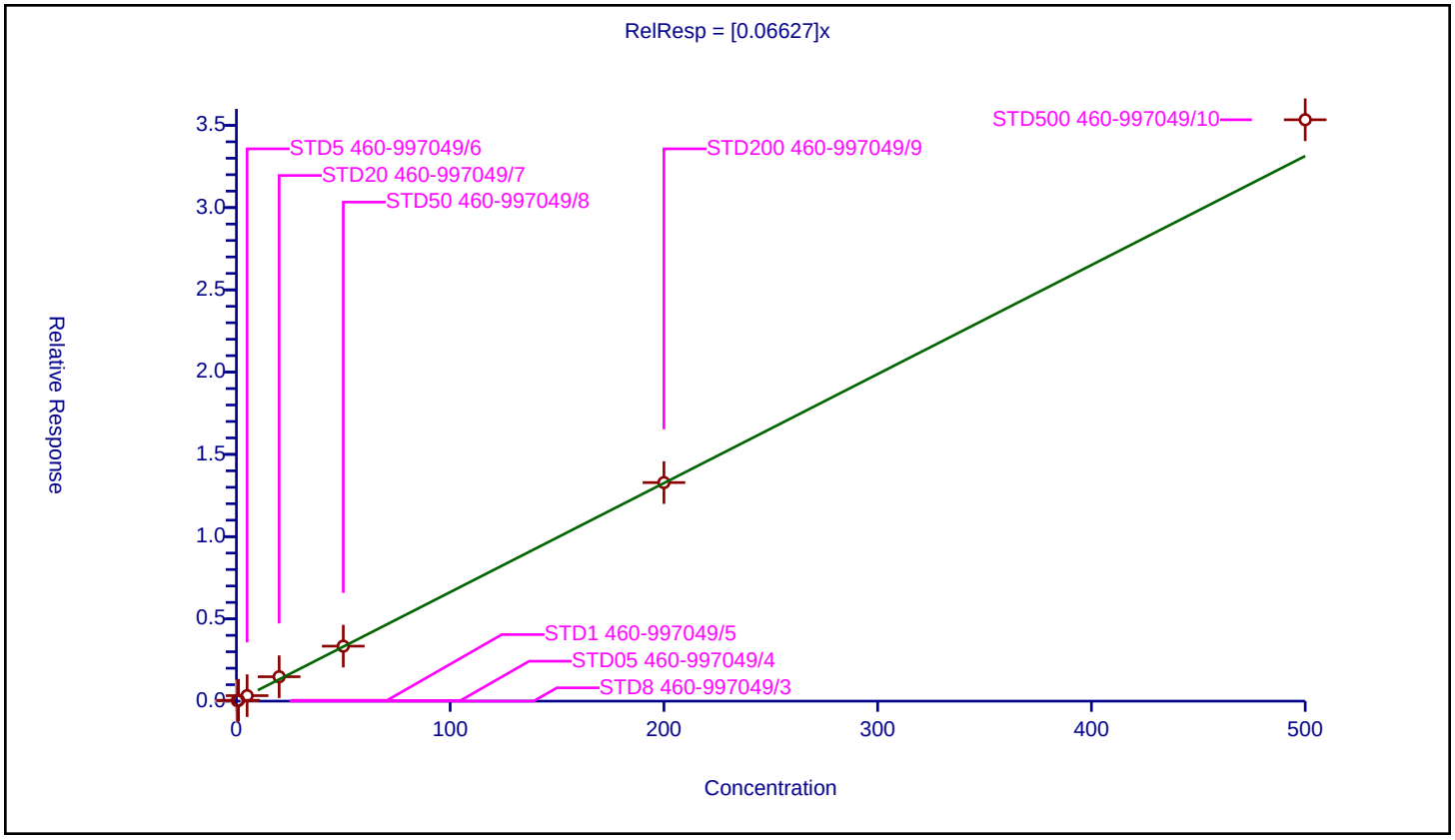
Curve Coefficients

Intercept:	0
Slope:	0.06627

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.033072	50.0	736273.0	0.066144	Y
3	STD1 460-997049/5	1.0	0.052837	50.0	759883.0	0.052837	Y
4	STD5 460-997049/6	5.0	0.333841	50.0	747661.0	0.066768	Y
5	STD20 460-997049/7	20.0	1.483606	50.0	728192.0	0.07418	Y
6	STD50 460-997049/8	50.0	3.342272	50.0	793936.0	0.066845	Y
7	STD200 460-997049/9	200.0	13.285646	50.0	800217.0	0.066428	Y
8	STD500 460-997049/10	500.0	35.33934	50.0	818309.0	0.070679	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

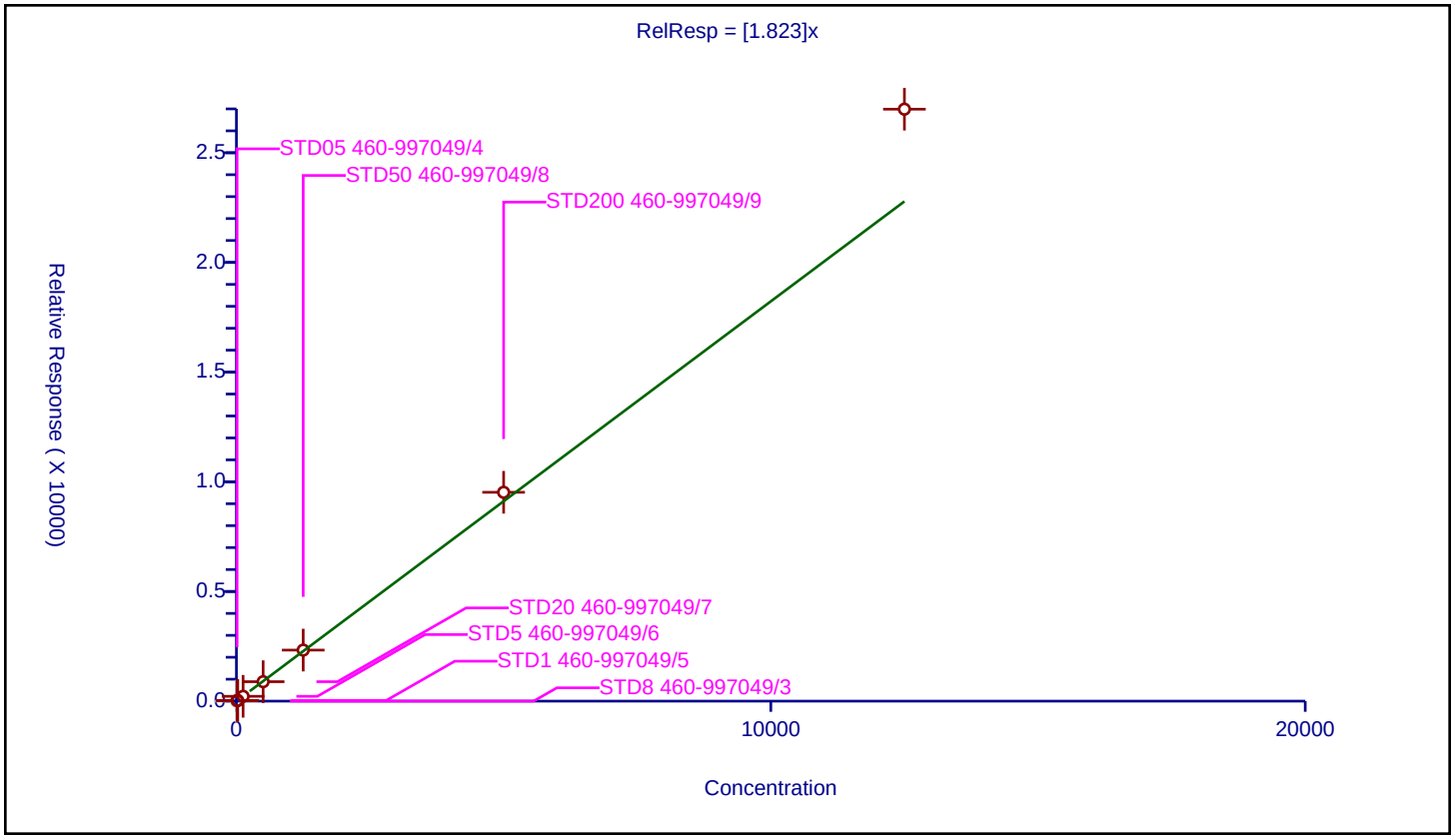
Curve Coefficients

Intercept:	0
Slope:	1.823

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	33659.0	NaN	N
2	STD05 460-997049/4	12.5	24.707058	1000.0	33027.0	1.976565	Y
3	STD1 460-997049/5	25.0	32.919555	1000.0	31015.0	1.316782	Y
4	STD5 460-997049/6	125.0	220.766098	1000.0	32659.0	1.766129	Y
5	STD20 460-997049/7	500.0	886.511545	1000.0	33651.0	1.773023	Y
6	STD50 460-997049/8	1250.0	2327.533239	1000.0	38735.0	1.862027	Y
7	STD200 460-997049/9	5000.0	9521.898181	1000.0	39364.0	1.90438	Y
8	STD500 460-997049/10	12500.0	26986.466205	1000.0	37979.0	2.158917	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

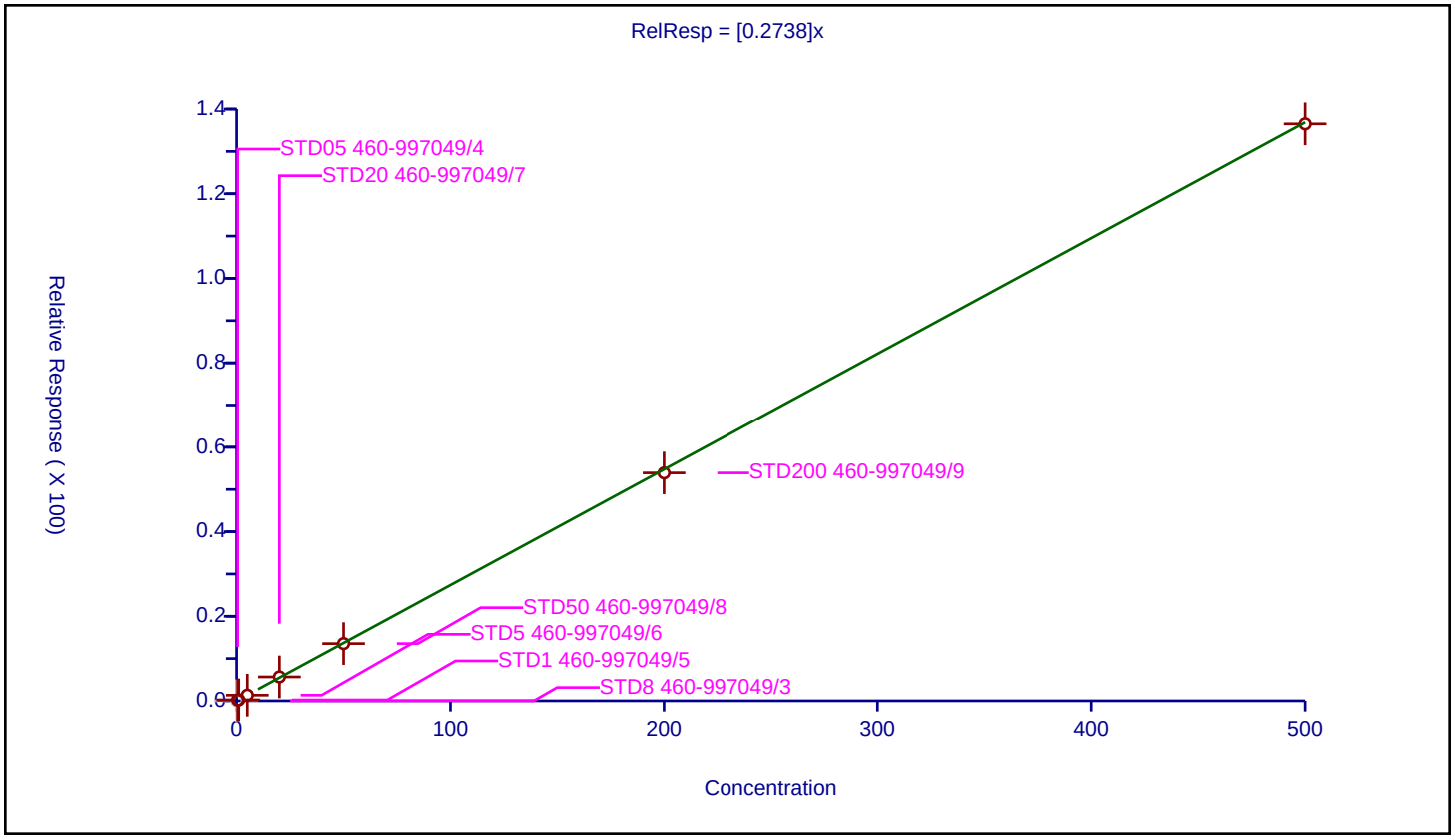
Curve Coefficients

Intercept:	0
Slope:	0.2738

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.16407	50.0	736273.0	0.328139	Y
3	STD1 460-997049/5	1.0	0.223916	50.0	759883.0	0.223916	Y
4	STD5 460-997049/6	5.0	1.340514	50.0	747661.0	0.268103	Y
5	STD20 460-997049/7	20.0	5.657437	50.0	728192.0	0.282872	Y
6	STD50 460-997049/8	50.0	13.537111	50.0	793936.0	0.270742	Y
7	STD200 460-997049/9	200.0	53.917625	50.0	800217.0	0.269588	Y
8	STD500 460-997049/10	500.0	136.513285	50.0	818309.0	0.273027	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

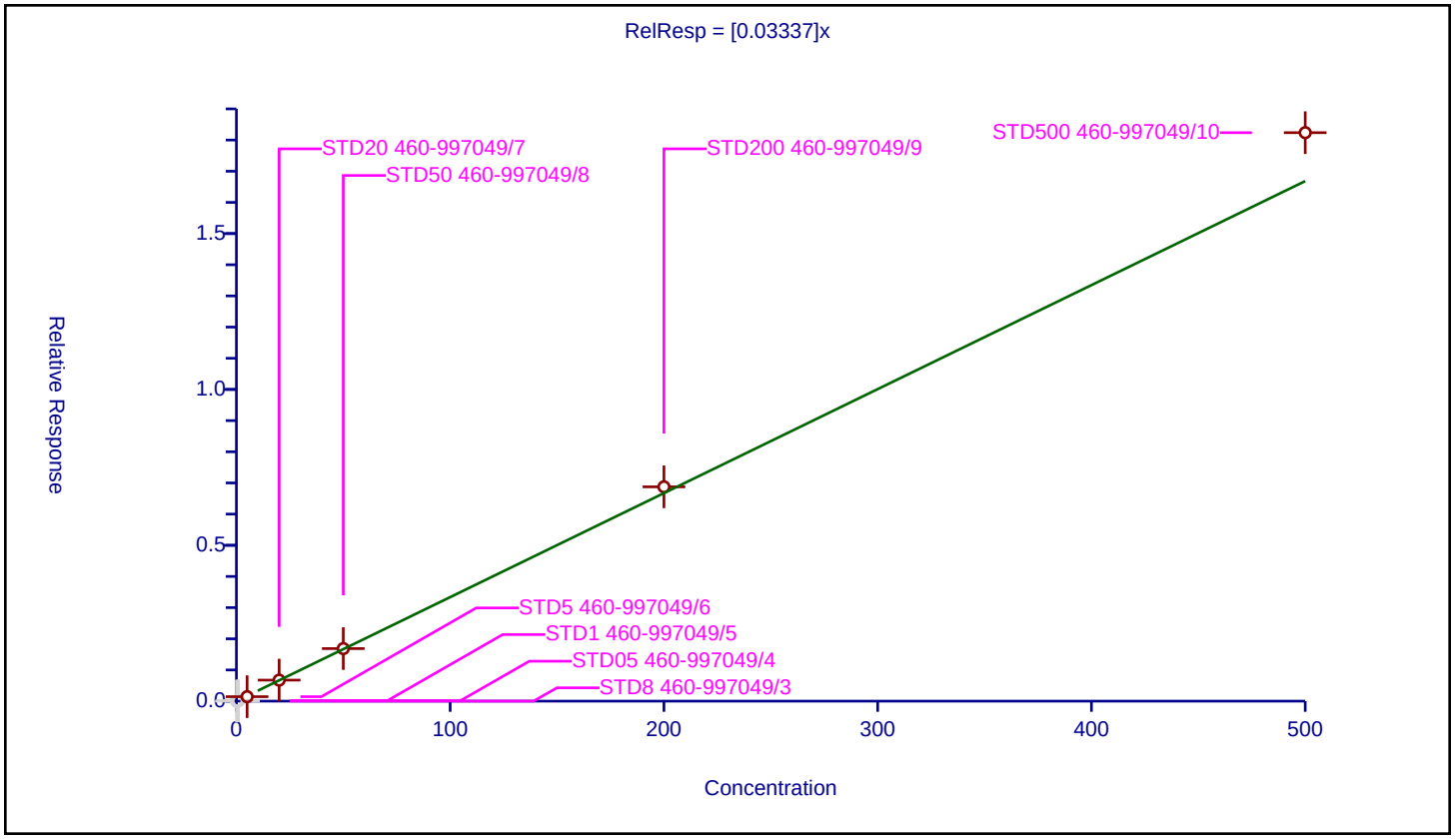
Curve Coefficients

Intercept:	0
Slope:	0.03337

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.013786	50.0	736273.0	0.027571	N
3	STD1 460-997049/5	1.0	0.010857	50.0	759883.0	0.010857	N
4	STD5 460-997049/6	5.0	0.142712	50.0	747661.0	0.028542	Y
5	STD20 460-997049/7	20.0	0.67441	50.0	728192.0	0.033721	Y
6	STD50 460-997049/8	50.0	1.685904	50.0	793936.0	0.033718	Y
7	STD200 460-997049/9	200.0	6.875073	50.0	800217.0	0.034375	Y
8	STD500 460-997049/10	500.0	18.237121	50.0	818309.0	0.036474	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

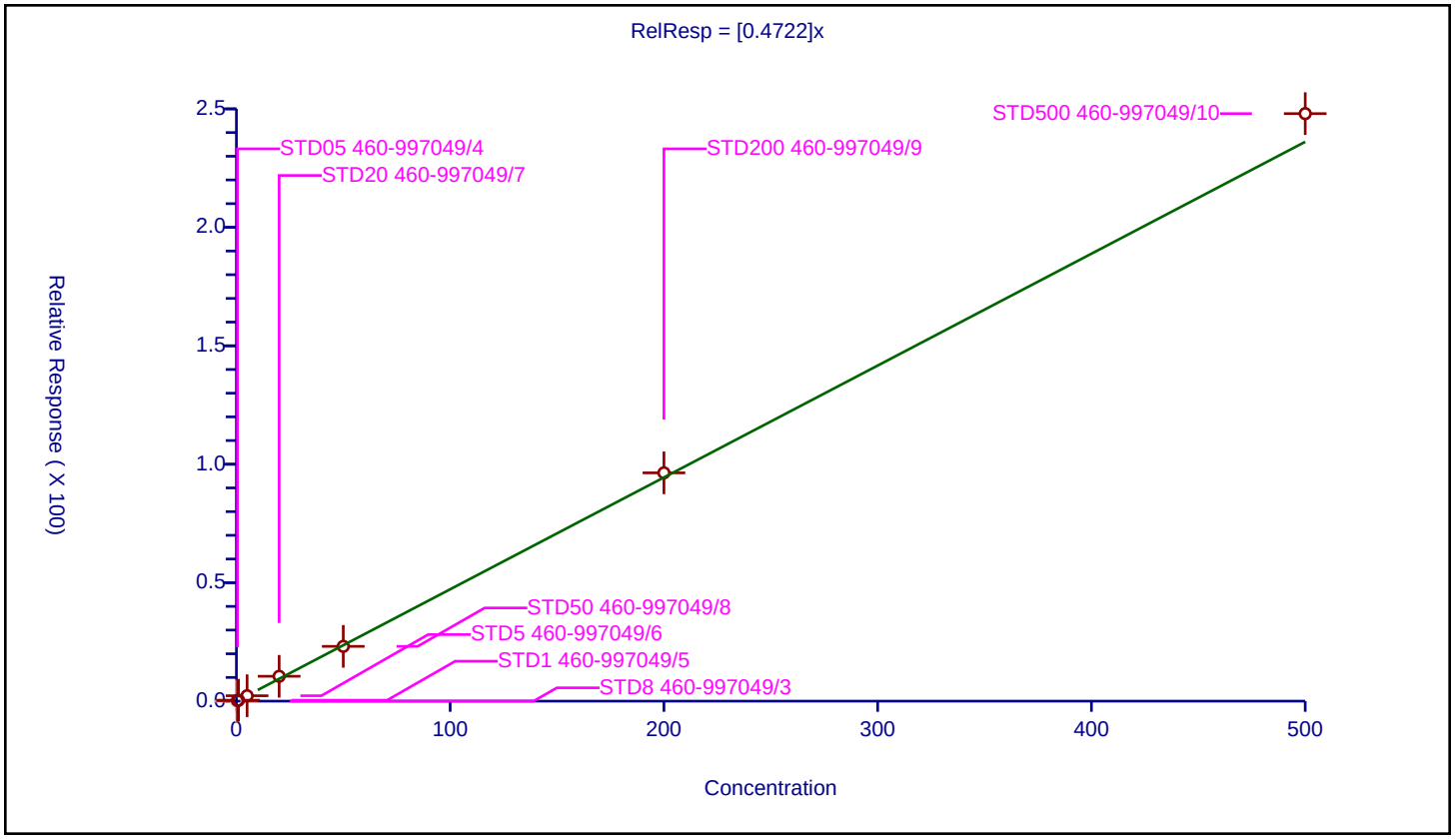
Curve Coefficients

Intercept:	0
Slope:	0.4722

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.242573	50.0	736273.0	0.485146	Y
3	STD1 460-997049/5	1.0	0.399667	50.0	759883.0	0.399667	Y
4	STD5 460-997049/6	5.0	2.277637	50.0	747661.0	0.455527	Y
5	STD20 460-997049/7	20.0	10.495721	50.0	728192.0	0.524786	Y
6	STD50 460-997049/8	50.0	23.116662	50.0	793936.0	0.462333	Y
7	STD200 460-997049/9	200.0	96.367048	50.0	800217.0	0.481835	Y
8	STD500 460-997049/10	500.0	247.995256	50.0	818309.0	0.495991	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

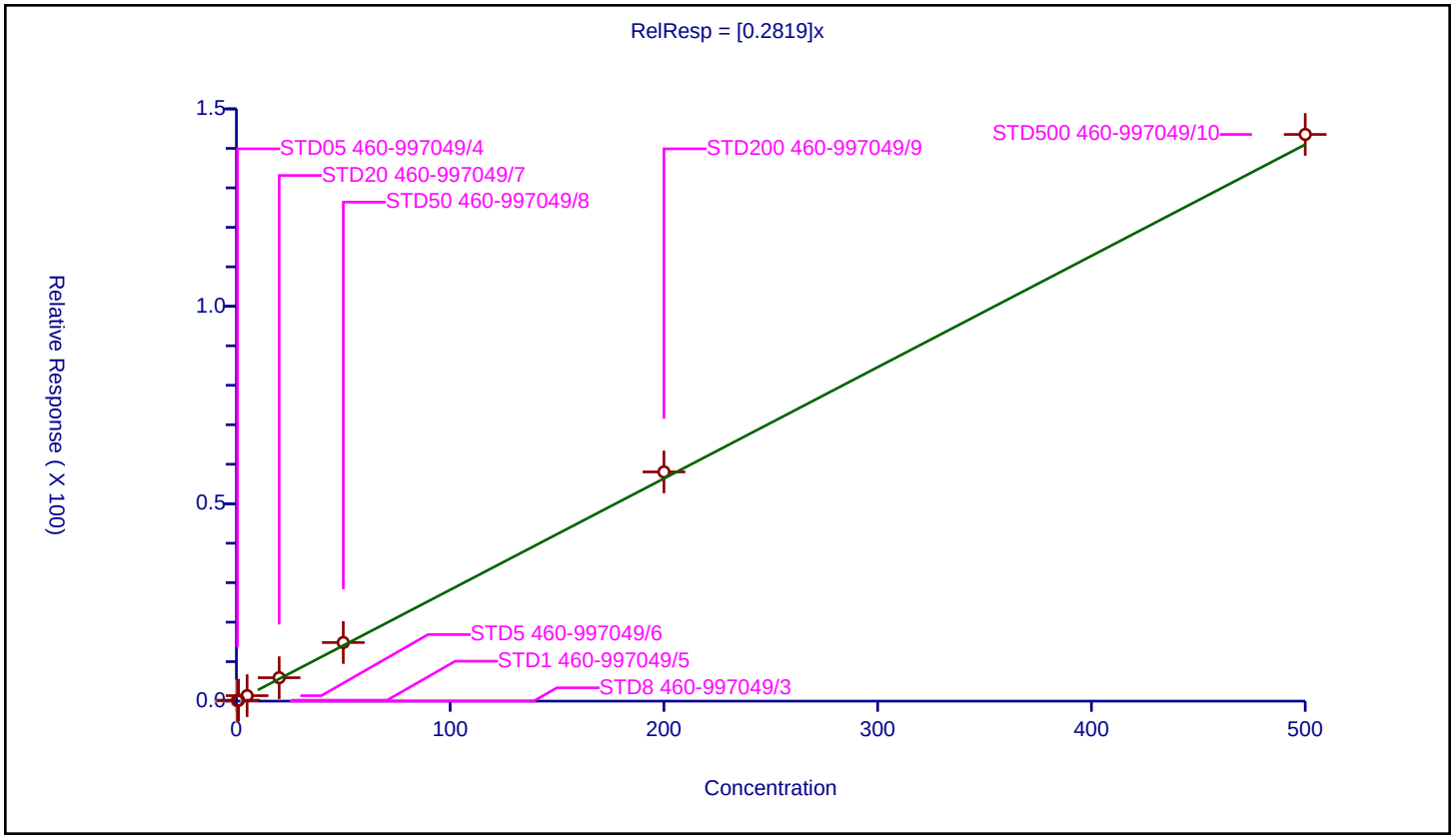
Curve Coefficients

Intercept:	0
Slope:	0.2819

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.142882	50.0	736273.0	0.285764	Y
3	STD1 460-997049/5	1.0	0.239642	50.0	759883.0	0.239642	Y
4	STD5 460-997049/6	5.0	1.386056	50.0	747661.0	0.277211	Y
5	STD20 460-997049/7	20.0	5.934012	50.0	728192.0	0.296701	Y
6	STD50 460-997049/8	50.0	14.842821	50.0	793936.0	0.296856	Y
7	STD200 460-997049/9	200.0	58.057814	50.0	800217.0	0.290289	Y
8	STD500 460-997049/10	500.0	143.531172	50.0	818309.0	0.287062	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

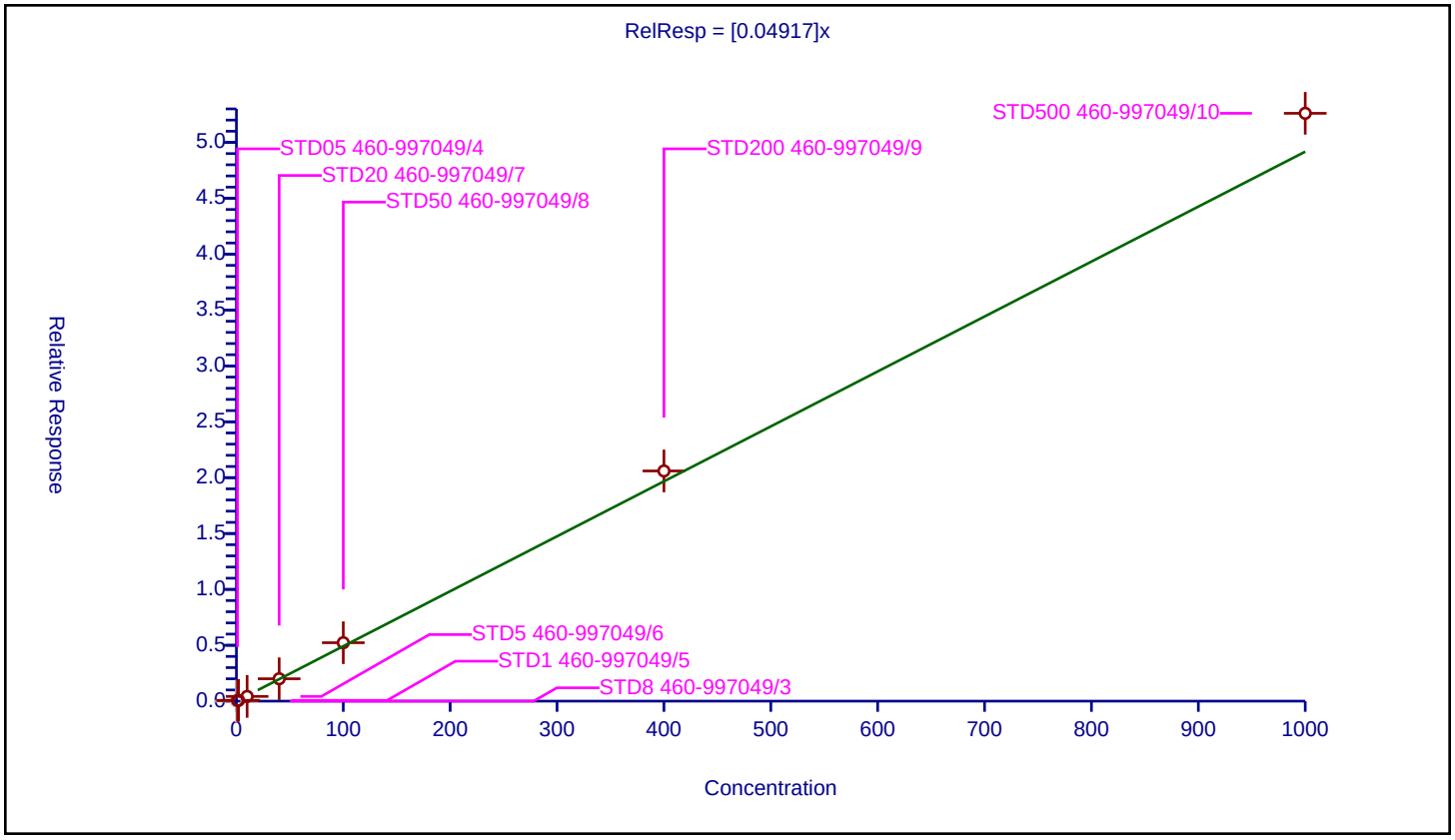
Curve Coefficients

Intercept:	0
Slope:	0.04917

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	1.0	0.060032	50.0	736273.0	0.060032	Y
3	STD1 460-997049/5	2.0	0.0708	50.0	759883.0	0.0354	Y
4	STD5 460-997049/6	10.0	0.423186	50.0	747661.0	0.042319	Y
5	STD20 460-997049/7	40.0	2.002425	50.0	728192.0	0.050061	Y
6	STD50 460-997049/8	100.0	5.228003	50.0	793936.0	0.05228	Y
7	STD200 460-997049/9	400.0	20.600037	50.0	800217.0	0.0515	Y
8	STD500 460-997049/10	1000.0	52.605067	50.0	818309.0	0.052605	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

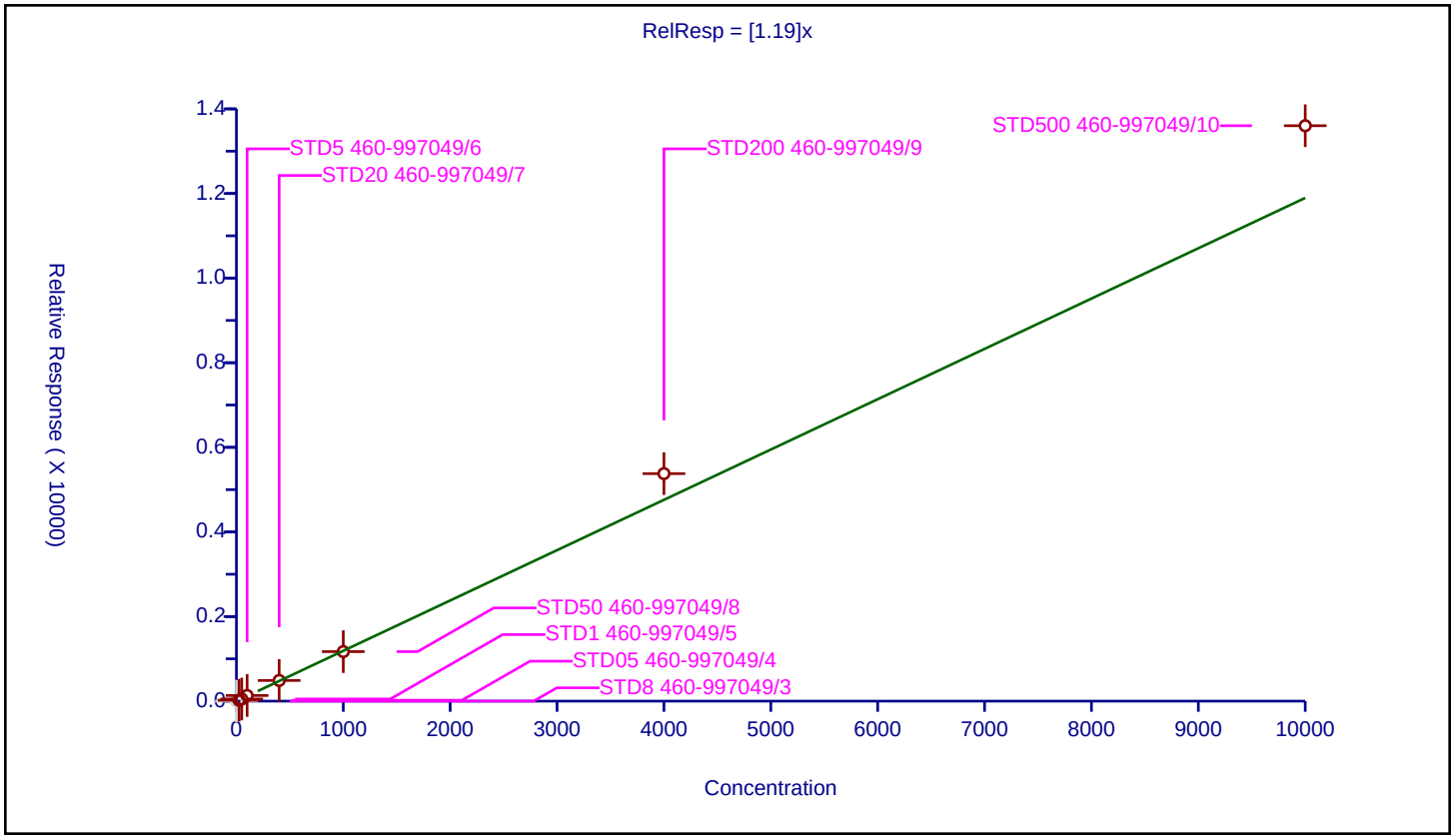
Curve Coefficients

Intercept:	0
Slope:	1.19

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	1000.0	24342.0	NaN	N
2	STD05 460-997049/4	25.000031	22.002833	1000.0	22588.0	0.880112	Y
3	STD1 460-997049/5	50.000062	50.887346	1000.0	25920.0	1.017746	Y
4	STD5 460-997049/6	100.0	133.077388	1000.0	23182.0	1.330774	Y
5	STD20 460-997049/7	400.0	489.06119	1000.0	23860.0	1.222653	Y
6	STD50 460-997049/8	1000.0	1170.429526	1000.0	26797.0	1.17043	Y
7	STD200 460-997049/9	4000.0	5378.544126	1000.0	23807.0	1.344636	Y
8	STD500 460-997049/10	10000.0	13602.093191	1000.0	24938.0	1.360209	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

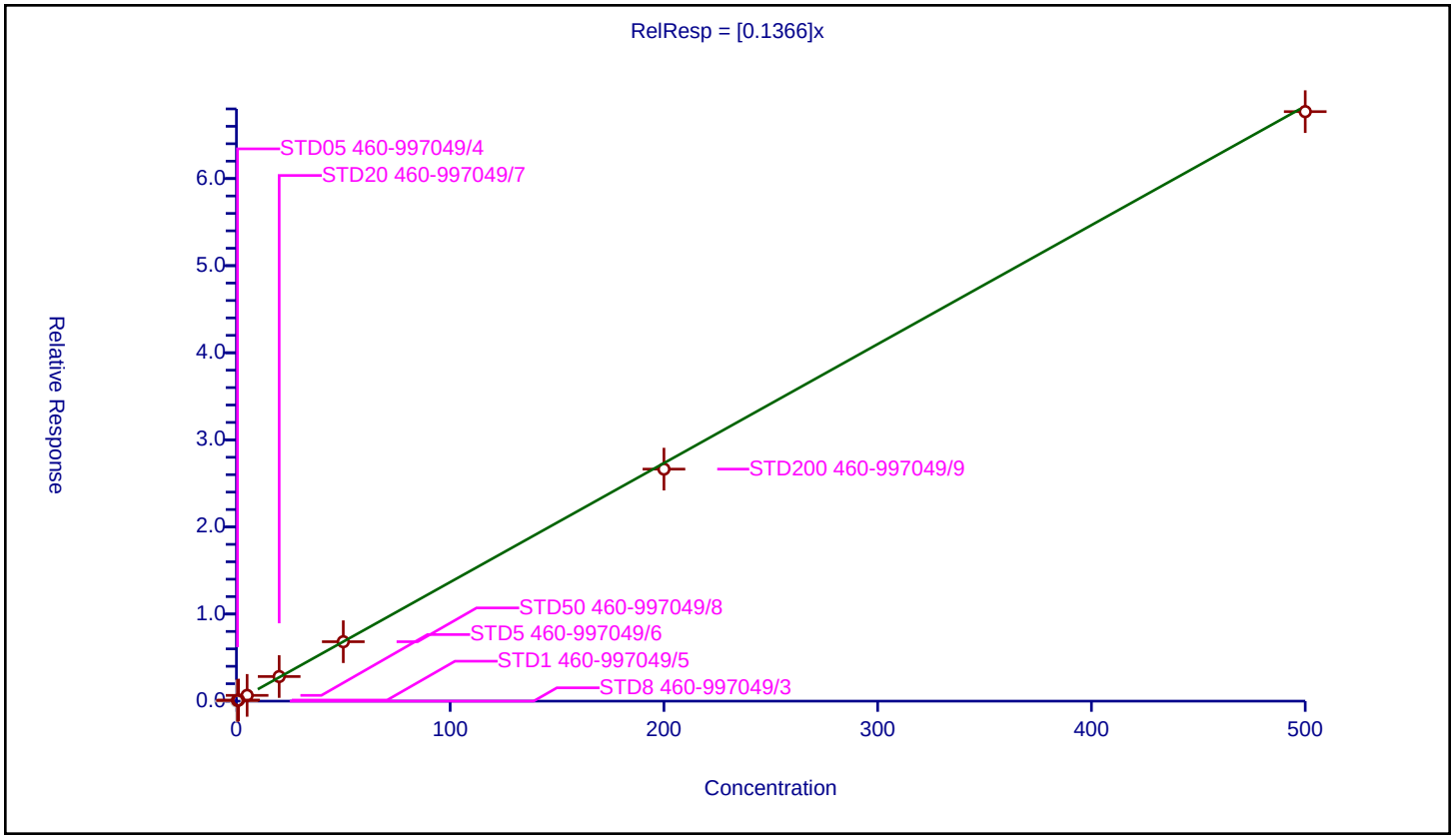
Curve Coefficients

Intercept:	0
Slope:	0.1366

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.076806	50.0	736273.0	0.153612	Y
3	STD1 460-997049/5	1.0	0.124295	50.0	759883.0	0.124295	Y
4	STD5 460-997049/6	5.0	0.661396	50.0	747661.0	0.132279	Y
5	STD20 460-997049/7	20.0	2.824667	50.0	728192.0	0.141233	Y
6	STD50 460-997049/8	50.0	6.822905	50.0	793936.0	0.136458	Y
7	STD200 460-997049/9	200.0	26.639087	50.0	800217.0	0.133195	Y
8	STD500 460-997049/10	500.0	67.684579	50.0	818309.0	0.135369	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

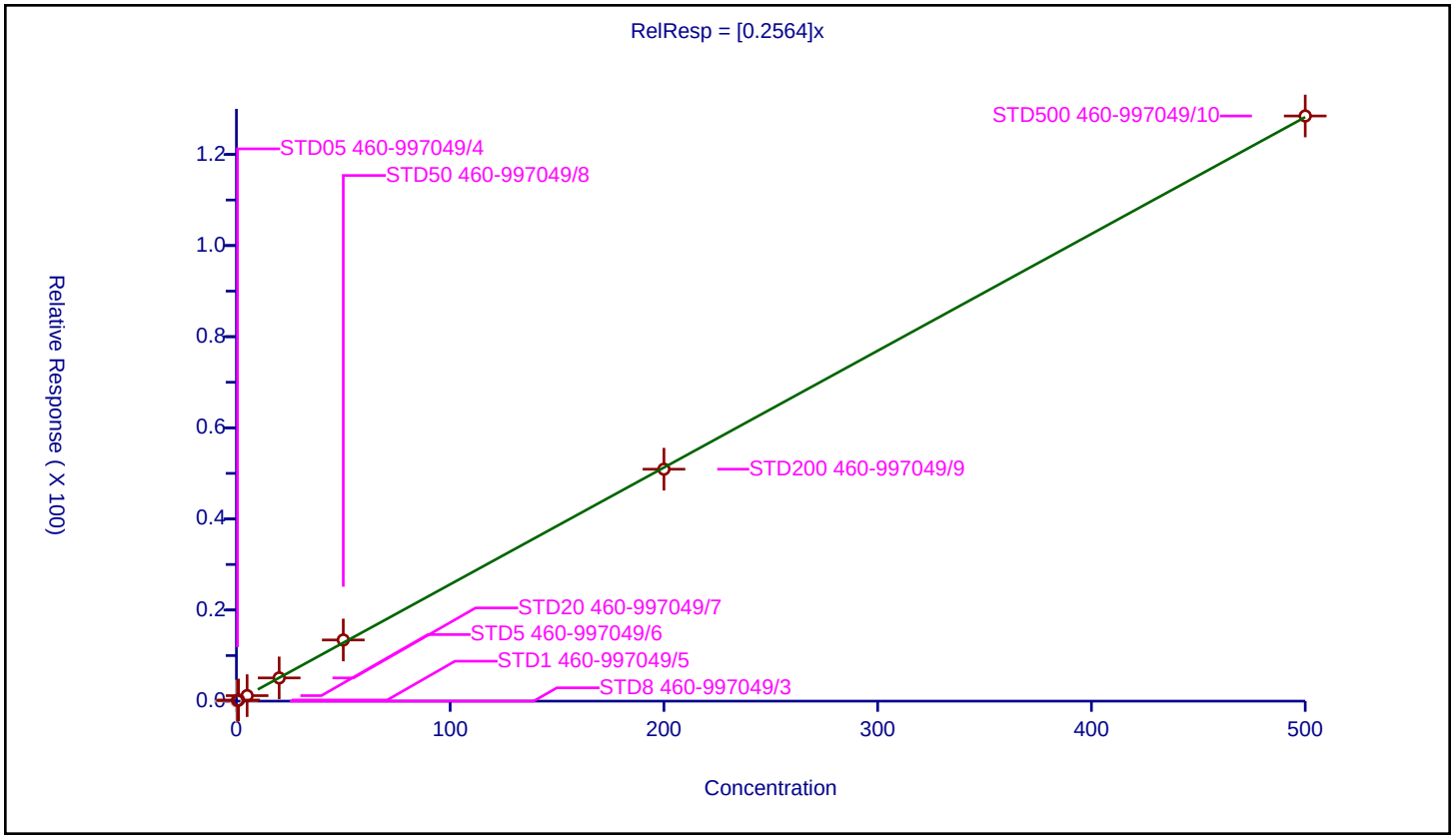
Curve Coefficients

Intercept:	0
Slope:	0.2564

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.137992	50.0	736273.0	0.275985	Y
3	STD1 460-997049/5	1.0	0.241814	50.0	759883.0	0.241814	Y
4	STD5 460-997049/6	5.0	1.209974	50.0	747661.0	0.241995	Y
5	STD20 460-997049/7	20.0	5.097351	50.0	728192.0	0.254868	Y
6	STD50 460-997049/8	50.0	13.427909	50.0	793936.0	0.268558	Y
7	STD200 460-997049/9	200.0	50.913315	50.0	800217.0	0.254567	Y
8	STD500 460-997049/10	500.0	128.446223	50.0	818309.0	0.256892	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

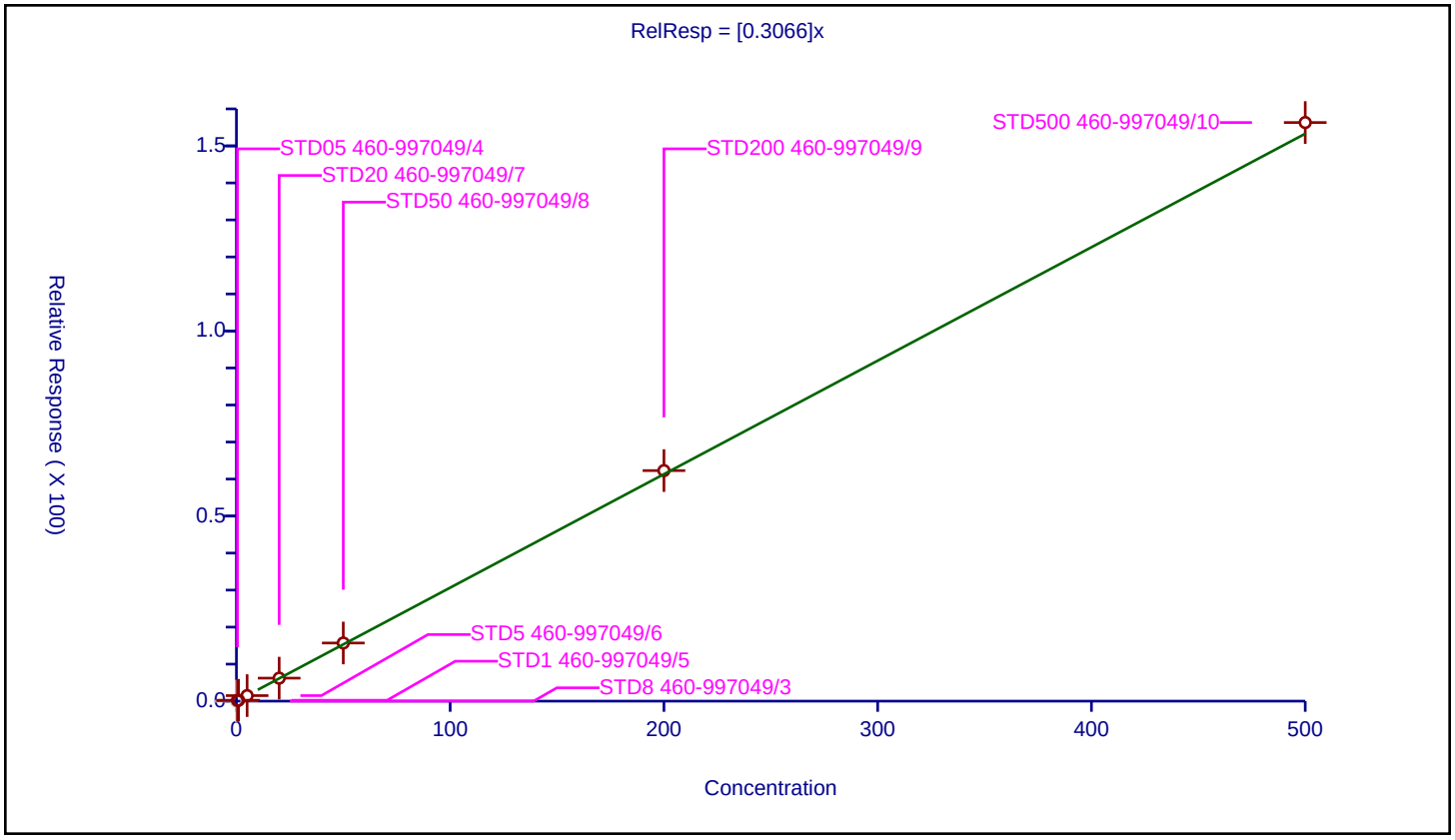
Curve Coefficients

Intercept:	0
Slope:	0.3066

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5	0.177991	50.0	736273.0	0.355982	Y
3	STD1 460-997049/5	1.0	0.242998	50.0	759883.0	0.242998	Y
4	STD5 460-997049/6	5.0	1.490314	50.0	747661.0	0.298063	Y
5	STD20 460-997049/7	20.0	6.216286	50.0	728192.0	0.310814	Y
6	STD50 460-997049/8	50.0	15.704603	50.0	793936.0	0.314092	Y
7	STD200 460-997049/9	200.0	62.285917	50.0	800217.0	0.31143	Y
8	STD500 460-997049/10	500.0	156.314607	50.0	818309.0	0.312629	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

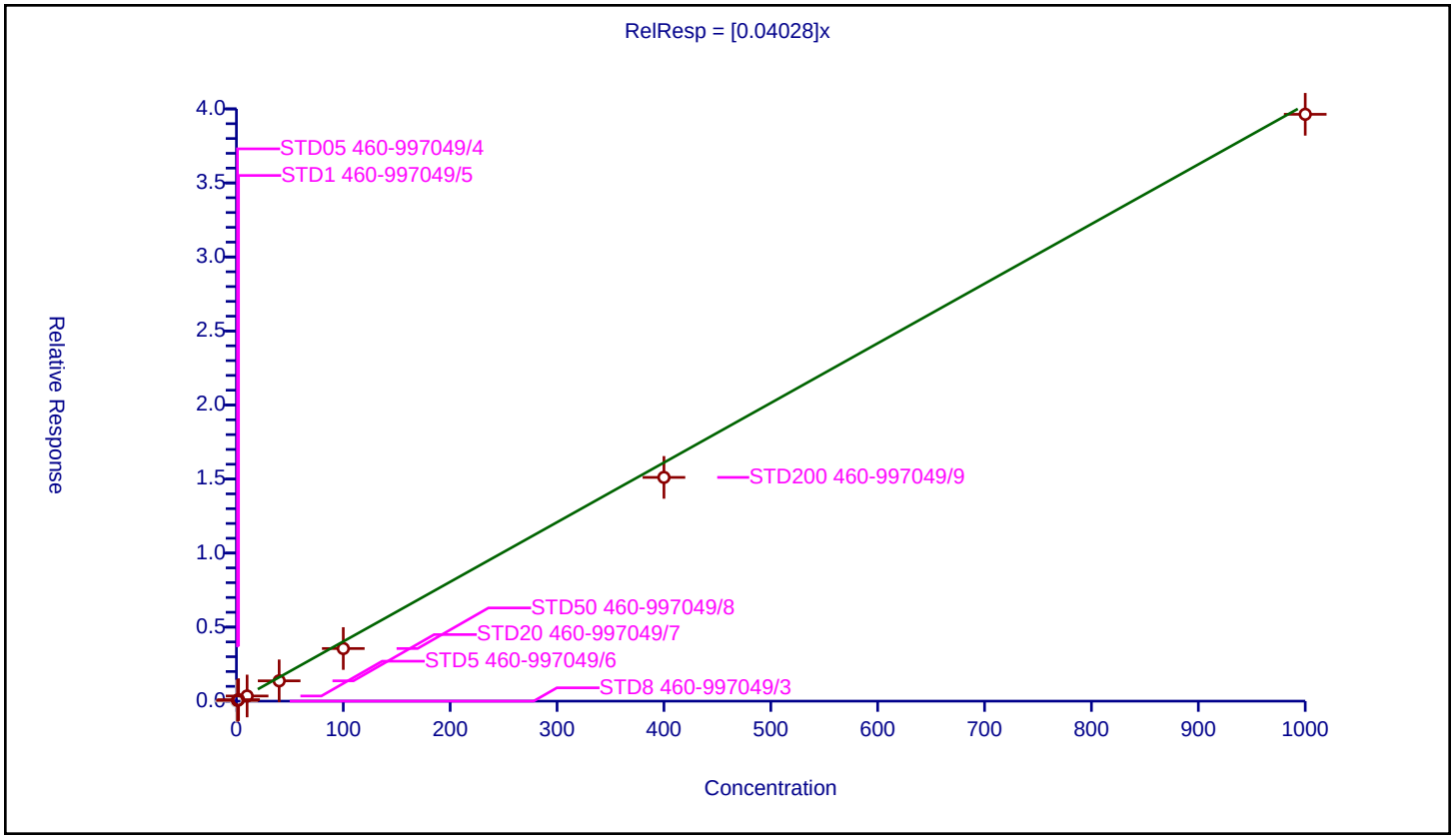
Curve Coefficients

Intercept:	0
Slope:	0.04028

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	1.0	0.050661	50.0	736273.0	0.050661	Y
3	STD1 460-997049/5	2.0	0.098634	50.0	759883.0	0.049317	Y
4	STD5 460-997049/6	10.0	0.347283	50.0	747661.0	0.034728	Y
5	STD20 460-997049/7	40.0	1.372303	50.0	728192.0	0.034308	Y
6	STD50 460-997049/8	100.0	3.552931	50.0	793936.0	0.035529	Y
7	STD200 460-997049/9	400.0	15.111651	50.0	800217.0	0.037779	Y
8	STD500 460-997049/10	1000.0	39.633989	50.0	818309.0	0.039634	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

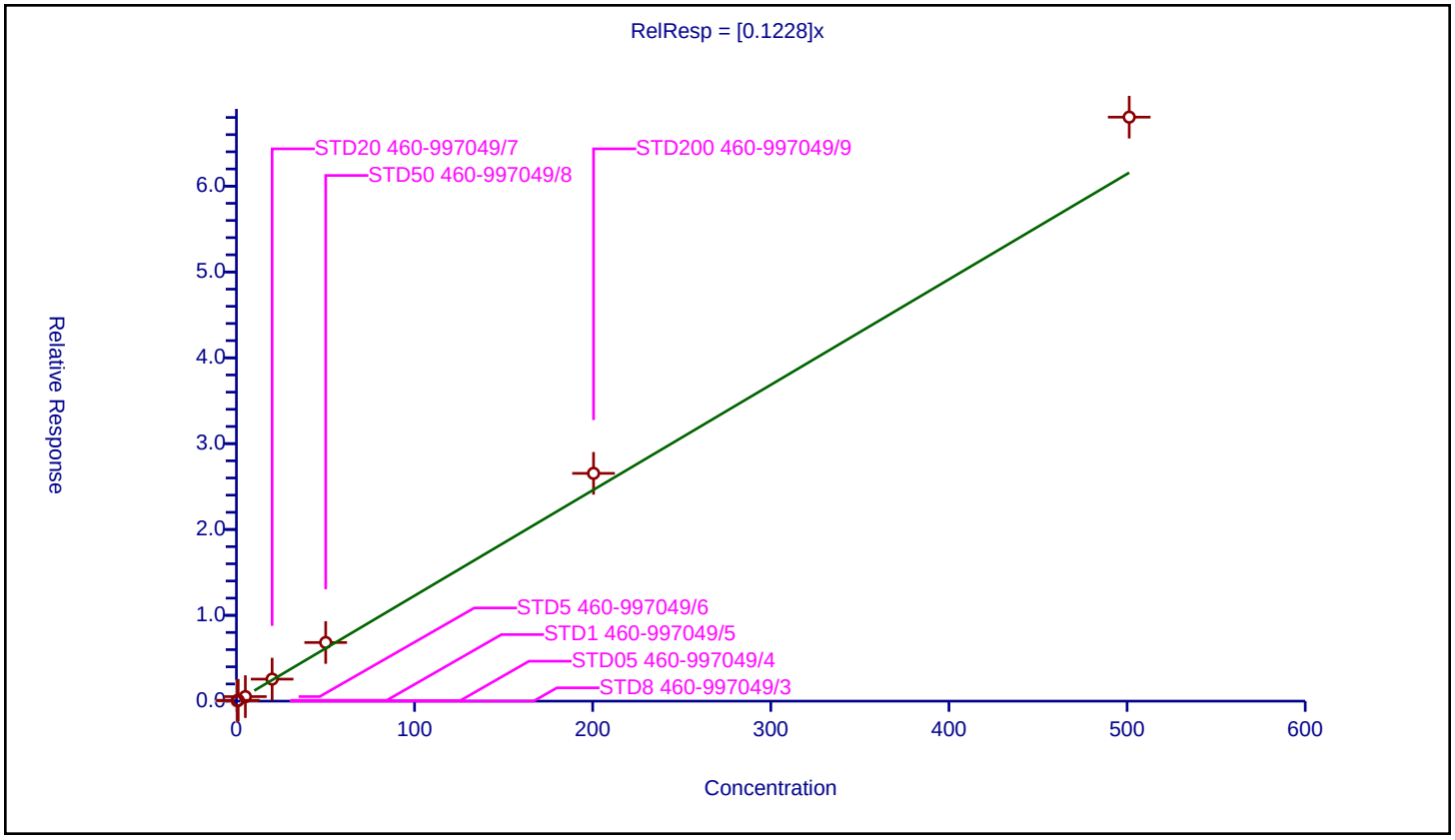
Curve Coefficients

Intercept:	0
Slope:	0.1228

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	768275.0	NaN	N
2	STD05 460-997049/4	0.5012	0.060779	50.0	736273.0	0.121267	Y
3	STD1 460-997049/5	1.0024	0.1012	50.0	759883.0	0.100957	Y
4	STD5 460-997049/6	5.012	0.527712	50.0	747661.0	0.10529	Y
5	STD20 460-997049/7	20.048	2.565189	50.0	728192.0	0.127952	Y
6	STD50 460-997049/8	50.12	6.831722	50.0	793936.0	0.136307	Y
7	STD200 460-997049/9	200.48	26.537489	50.0	800217.0	0.13237	Y
8	STD500 460-997049/10	501.2	68.038907	50.0	818309.0	0.135752	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

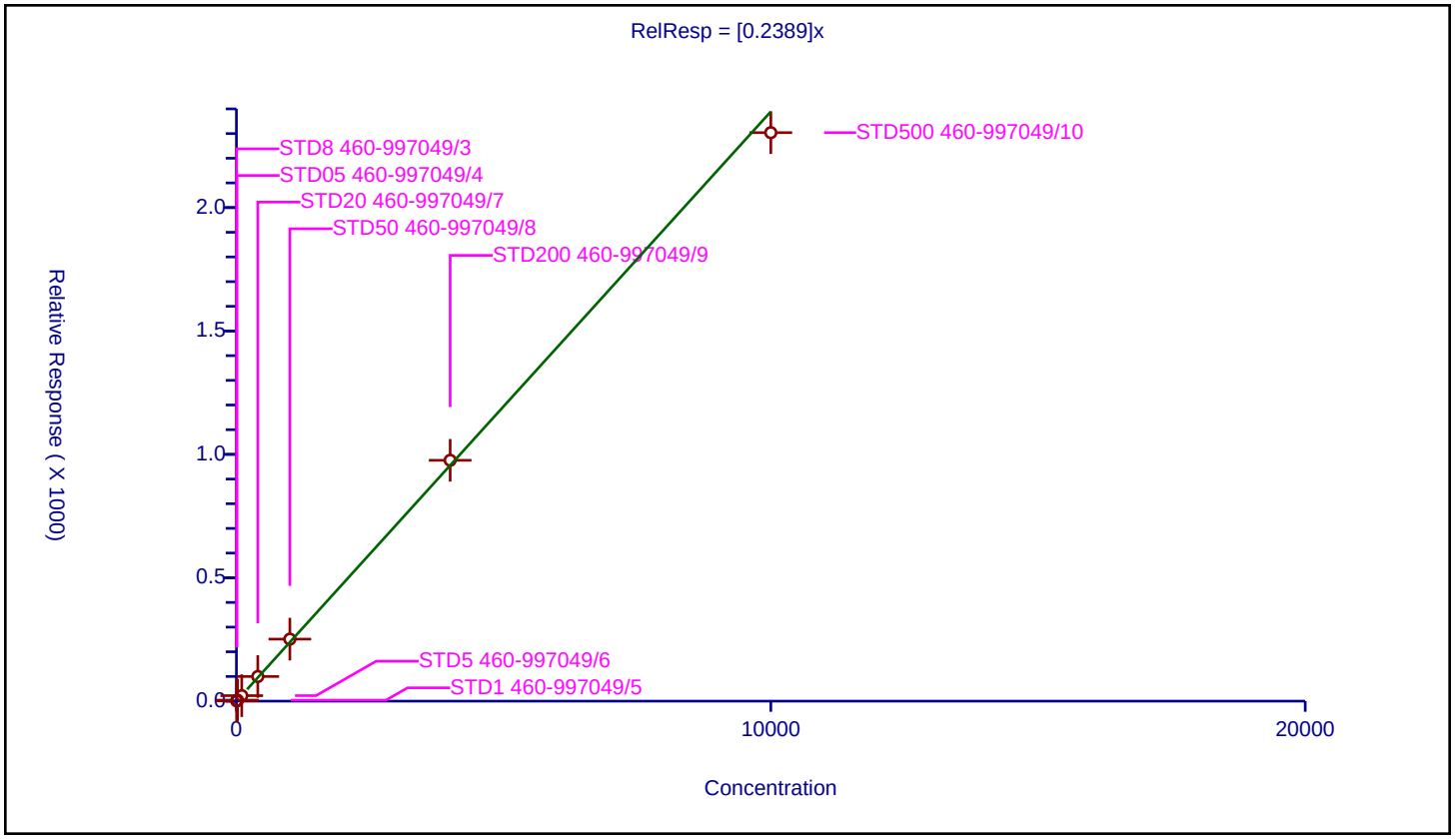
Curve Coefficients

Intercept:	0
Slope:	0.2389

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	5.000009	1.272363	250.0	257788.0	0.254472	Y
2	STD05 460-997049/4	10.000017	2.579616	250.0	226681.0	0.257961	Y
3	STD1 460-997049/5	20.000035	4.009431	250.0	231579.0	0.200471	Y
4	STD5 460-997049/6	100.000173	22.300621	250.0	239870.0	0.223006	Y
5	STD20 460-997049/7	400.000692	99.863384	250.0	235697.0	0.249658	Y
6	STD50 460-997049/8	1000.00173	251.280137	250.0	262472.0	0.25128	Y
7	STD200 460-997049/9	4000.00692	975.983114	250.0	264720.0	0.243995	Y
8	STD500 460-997049/10	10000.0173	2303.712484	250.0	285981.0	0.230371	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

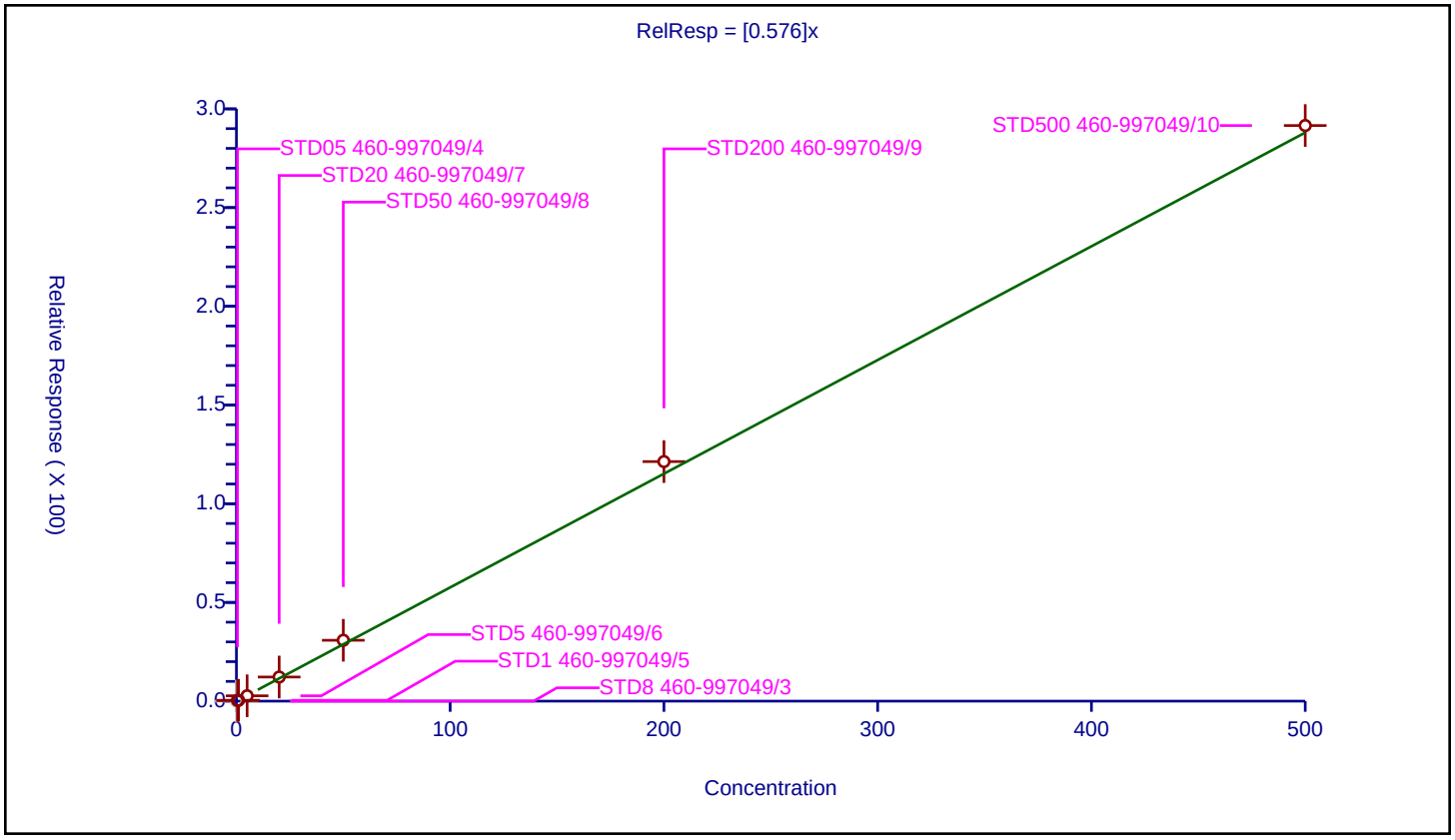
Curve Coefficients

Intercept:	0
Slope:	0.576

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.315003	50.0	503804.0	0.630007	Y
3	STD1 460-997049/5	1.0	0.443677	50.0	524030.0	0.443677	Y
4	STD5 460-997049/6	5.0	2.704237	50.0	518797.0	0.540847	Y
5	STD20 460-997049/7	20.0	12.214525	50.0	510859.0	0.610726	Y
6	STD50 460-997049/8	50.0	30.836081	50.0	564407.0	0.616722	Y
7	STD200 460-997049/9	200.0	121.346776	50.0	565350.0	0.606734	Y
8	STD500 460-997049/10	500.0	291.566066	50.0	585729.0	0.583132	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

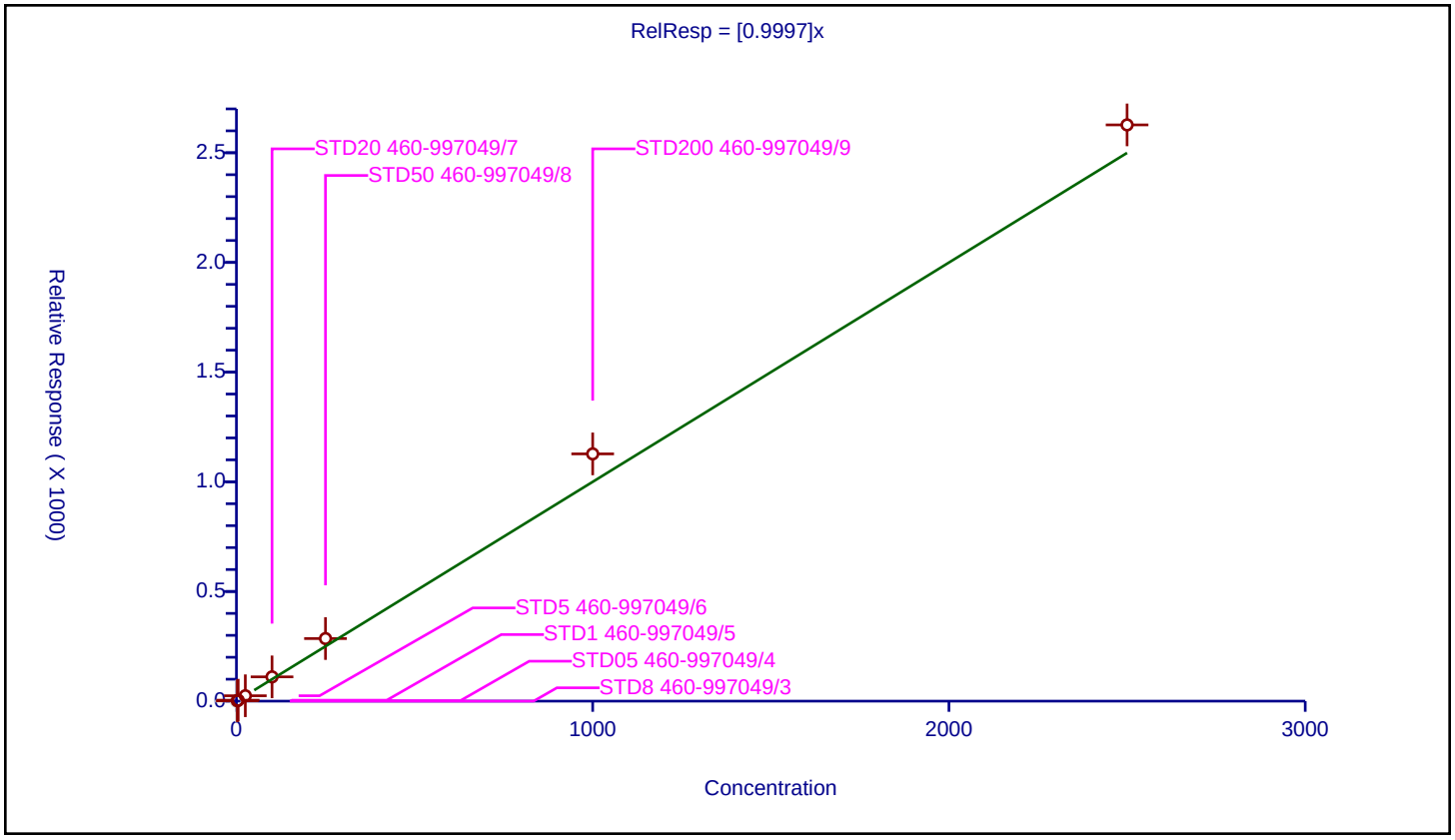
Curve Coefficients

Intercept:	0
Slope:	0.9997

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	2.5	1.791063	250.0	226681.0	0.716425	Y
3	STD1 460-997049/5	5.0	4.352726	250.0	231579.0	0.870545	Y
4	STD5 460-997049/6	25.0	24.641472	250.0	239870.0	0.985659	Y
5	STD20 460-997049/7	100.0	110.643114	250.0	235697.0	1.106431	Y
6	STD50 460-997049/8	250.0	285.280906	250.0	262472.0	1.141124	Y
7	STD200 460-997049/9	1000.0	1127.266546	250.0	264720.0	1.127267	Y
8	STD500 460-997049/10	2500.0	2626.991828	250.0	285981.0	1.050797	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

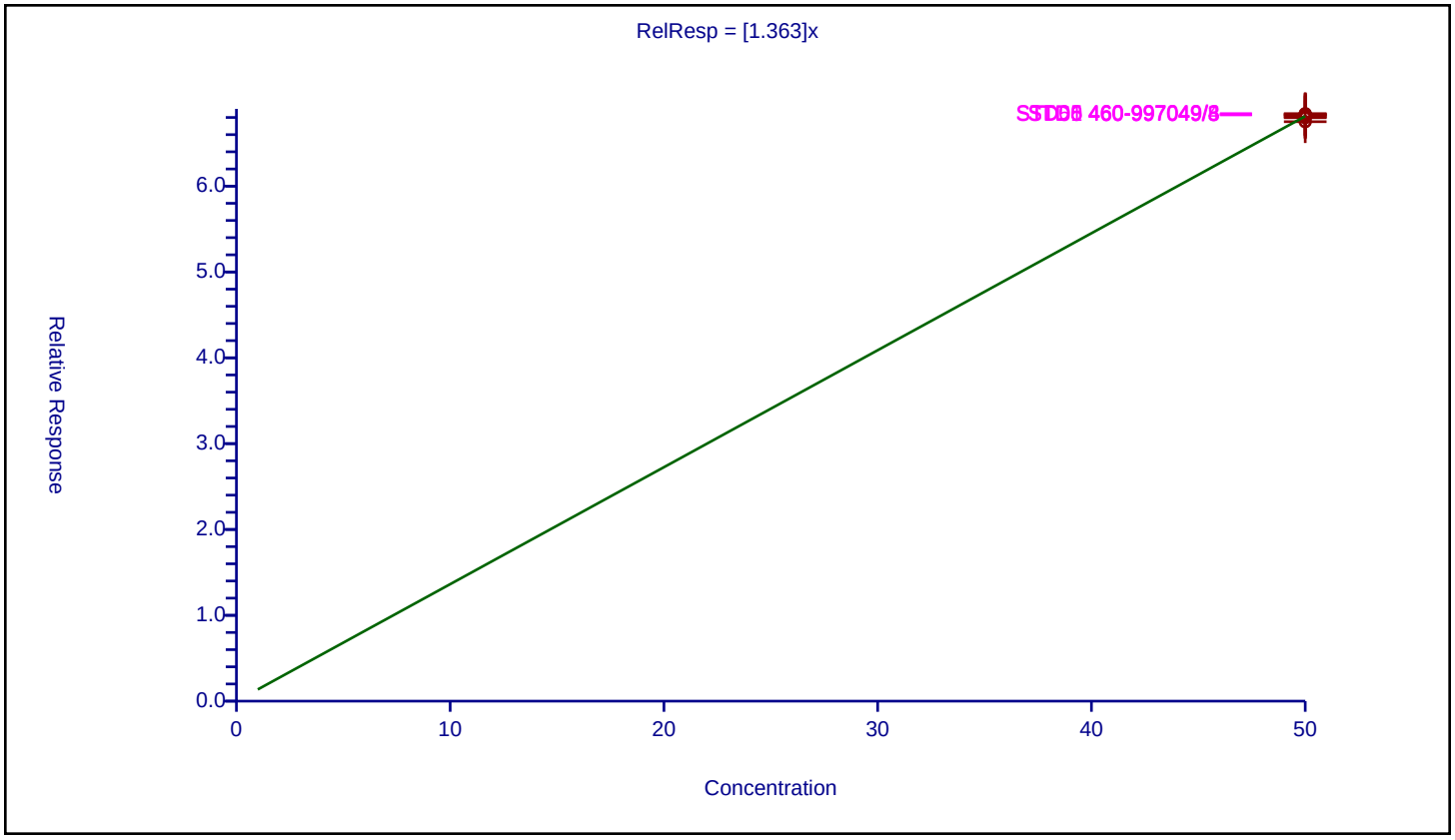
Curve Coefficients

Intercept:	0
Slope:	1.363

Error Coefficients

Relative Standard Deviation:	0.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	50.0	68.363324	50.0	522223.0	1.367266	Y
2	STD05 460-997049/4	50.0	68.44636	50.0	503804.0	1.368927	Y
3	STD1 460-997049/5	50.0	68.331489	50.0	524030.0	1.36663	Y
4	STD5 460-997049/6	50.0	67.506848	50.0	518797.0	1.350137	Y
5	STD20 460-997049/7	50.0	67.974138	50.0	510859.0	1.359483	Y
6	STD50 460-997049/8	50.0	68.309039	50.0	564407.0	1.366181	Y
7	STD200 460-997049/9	50.0	68.1316	50.0	565350.0	1.362632	Y
8	STD500 460-997049/10	50.0	68.045461	50.0	585729.0	1.360909	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

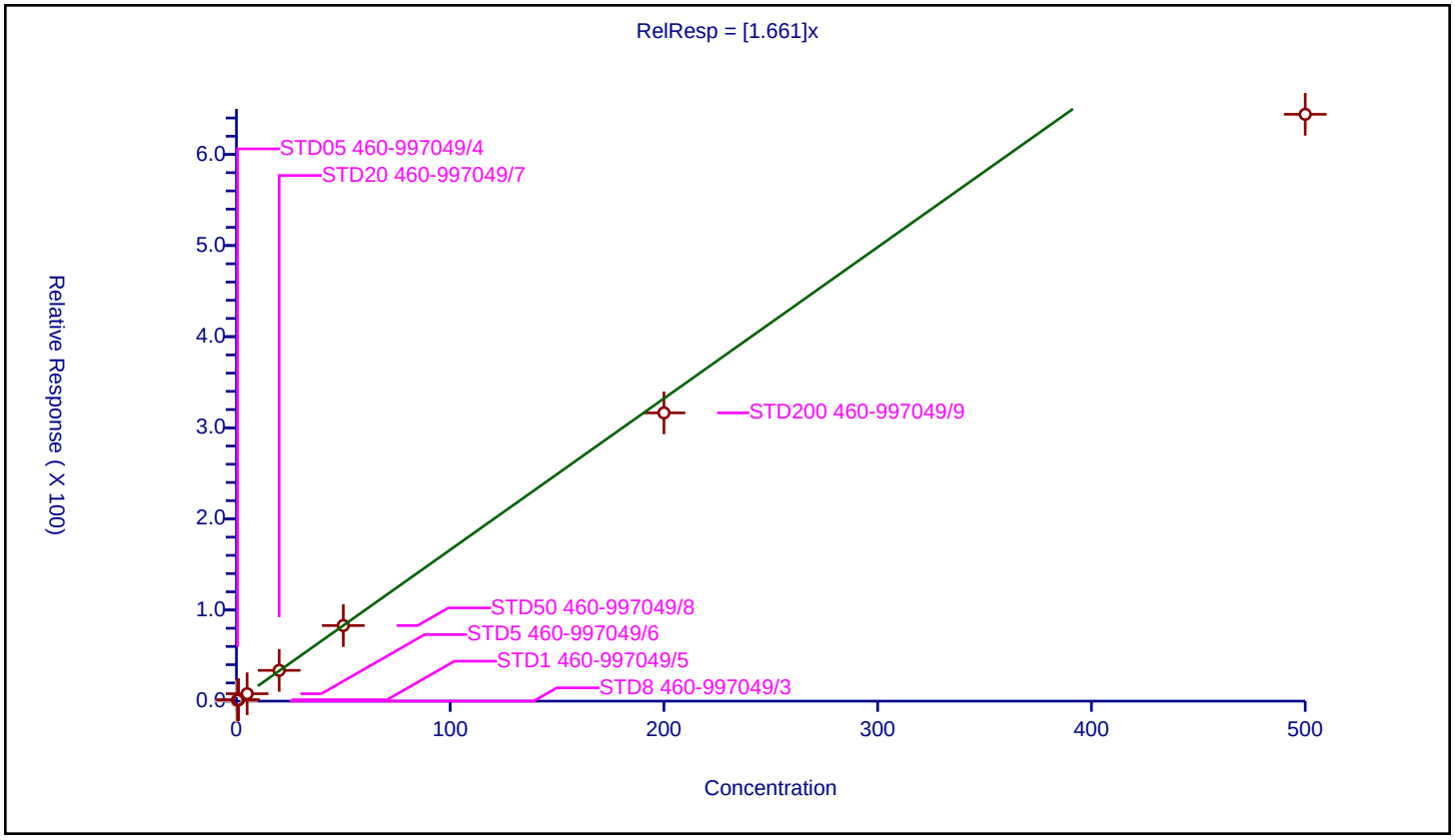
Curve Coefficients

Intercept:	0
Slope:	1.661

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	1.107276	50.0	503804.0	2.214552	Y
3	STD1 460-997049/5	1.0	1.566609	50.0	524030.0	1.566609	Y
4	STD5 460-997049/6	5.0	8.137094	50.0	518797.0	1.627419	Y
5	STD20 460-997049/7	20.0	33.765481	50.0	510859.0	1.688274	Y
6	STD50 460-997049/8	50.0	82.960878	50.0	564407.0	1.659218	Y
7	STD200 460-997049/9	200.0	316.39816	50.0	565350.0	1.581991	Y
8	STD500 460-997049/10	500.0	644.062527	50.0	585729.0	1.288125	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

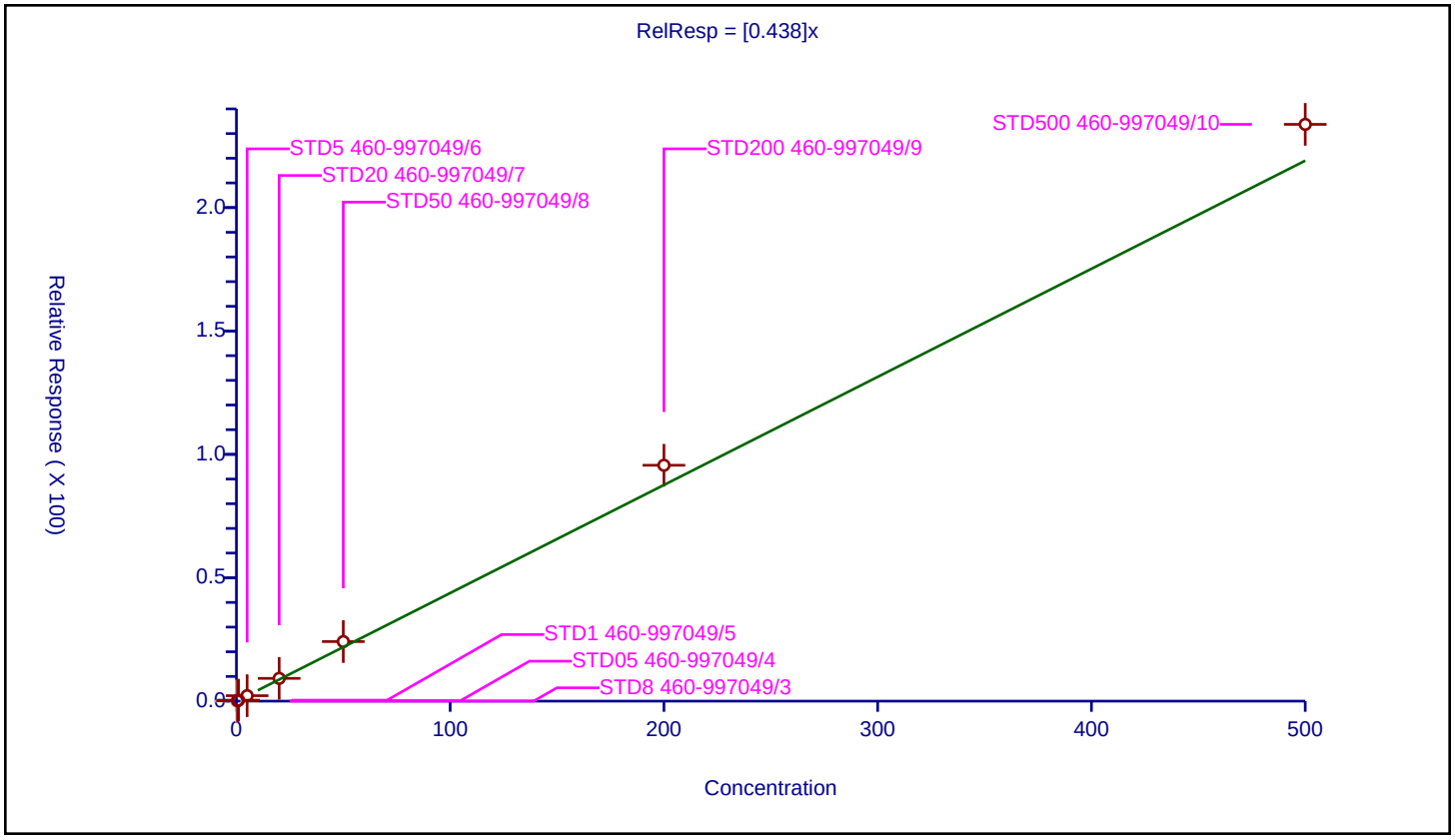
Curve Coefficients

Intercept:	0
Slope:	0.438

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.169312	50.0	503804.0	0.338624	Y
3	STD1 460-997049/5	1.0	0.397401	50.0	524030.0	0.397401	Y
4	STD5 460-997049/6	5.0	2.204041	50.0	518797.0	0.440808	Y
5	STD20 460-997049/7	20.0	9.221233	50.0	510859.0	0.461062	Y
6	STD50 460-997049/8	50.0	24.13728	50.0	564407.0	0.482746	Y
7	STD200 460-997049/9	200.0	95.586893	50.0	565350.0	0.477934	Y
8	STD500 460-997049/10	500.0	233.730616	50.0	585729.0	0.467461	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

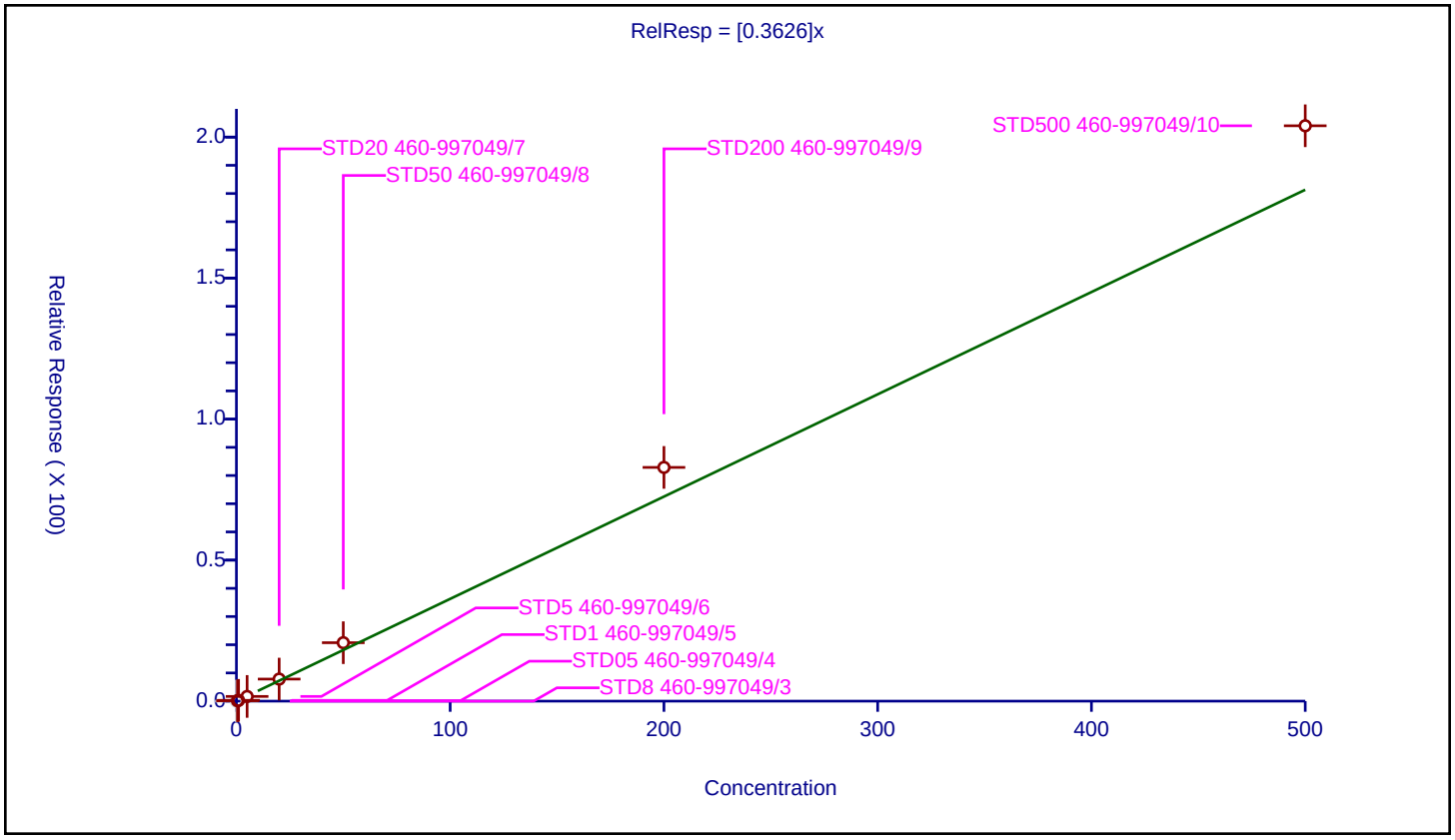
Curve Coefficients

Intercept:	0
Slope:	0.3626

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.149661	50.0	503804.0	0.299323	Y
3	STD1 460-997049/5	1.0	0.277465	50.0	524030.0	0.277465	Y
4	STD5 460-997049/6	5.0	1.669054	50.0	518797.0	0.333811	Y
5	STD20 460-997049/7	20.0	7.82026	50.0	510859.0	0.391013	Y
6	STD50 460-997049/8	50.0	20.724318	50.0	564407.0	0.414486	Y
7	STD200 460-997049/9	200.0	82.8707	50.0	565350.0	0.414353	Y
8	STD500 460-997049/10	500.0	204.009619	50.0	585729.0	0.408019	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

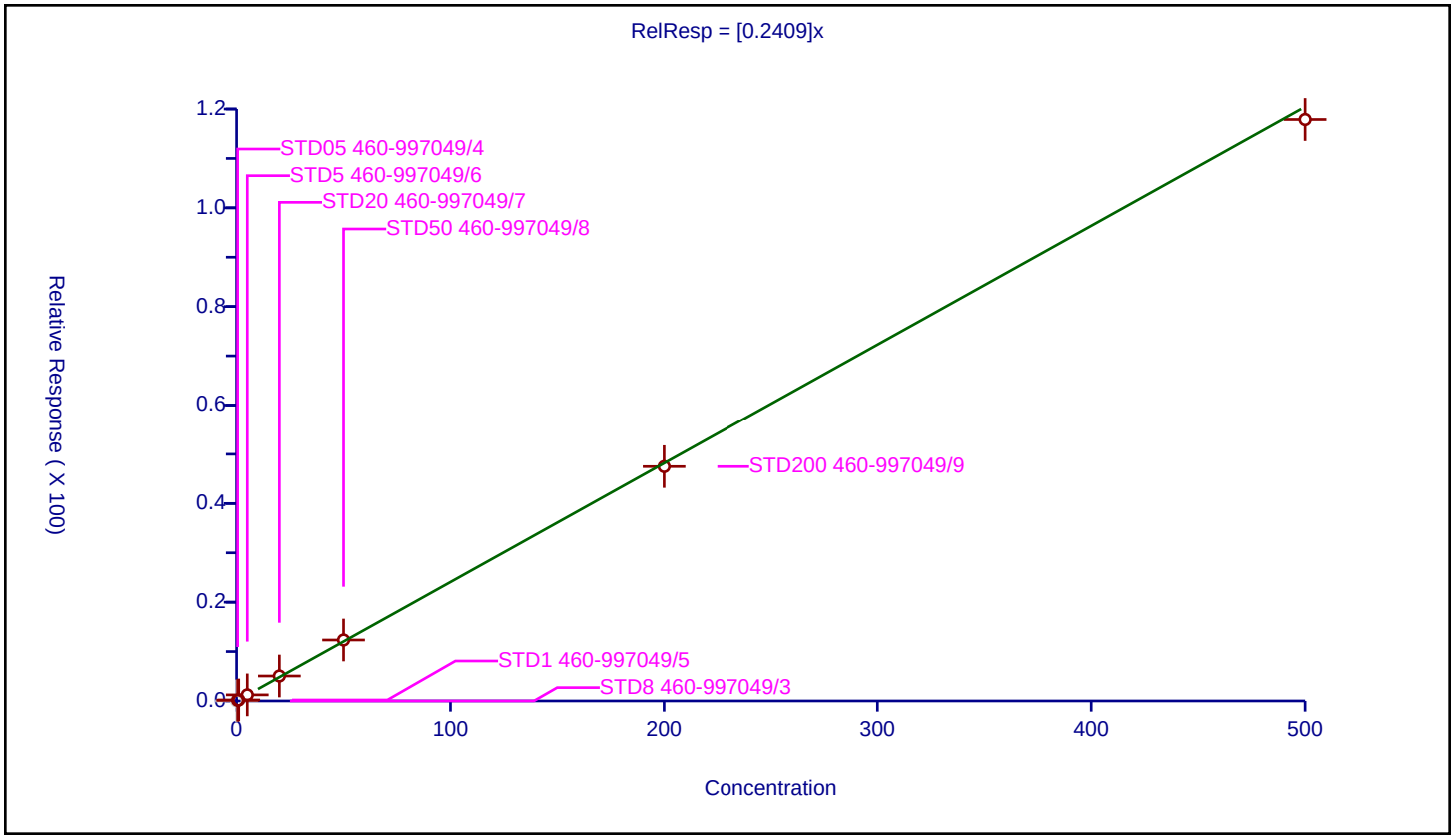
Curve Coefficients

Intercept:	0
Slope:	0.2409

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.132194	50.0	503804.0	0.264389	Y
3	STD1 460-997049/5	1.0	0.201992	50.0	524030.0	0.201992	Y
4	STD5 460-997049/6	5.0	1.234009	50.0	518797.0	0.246802	Y
5	STD20 460-997049/7	20.0	5.056385	50.0	510859.0	0.252819	Y
6	STD50 460-997049/8	50.0	12.346853	50.0	564407.0	0.246937	Y
7	STD200 460-997049/9	200.0	47.49801	50.0	565350.0	0.23749	Y
8	STD500 460-997049/10	500.0	117.881648	50.0	585729.0	0.235763	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

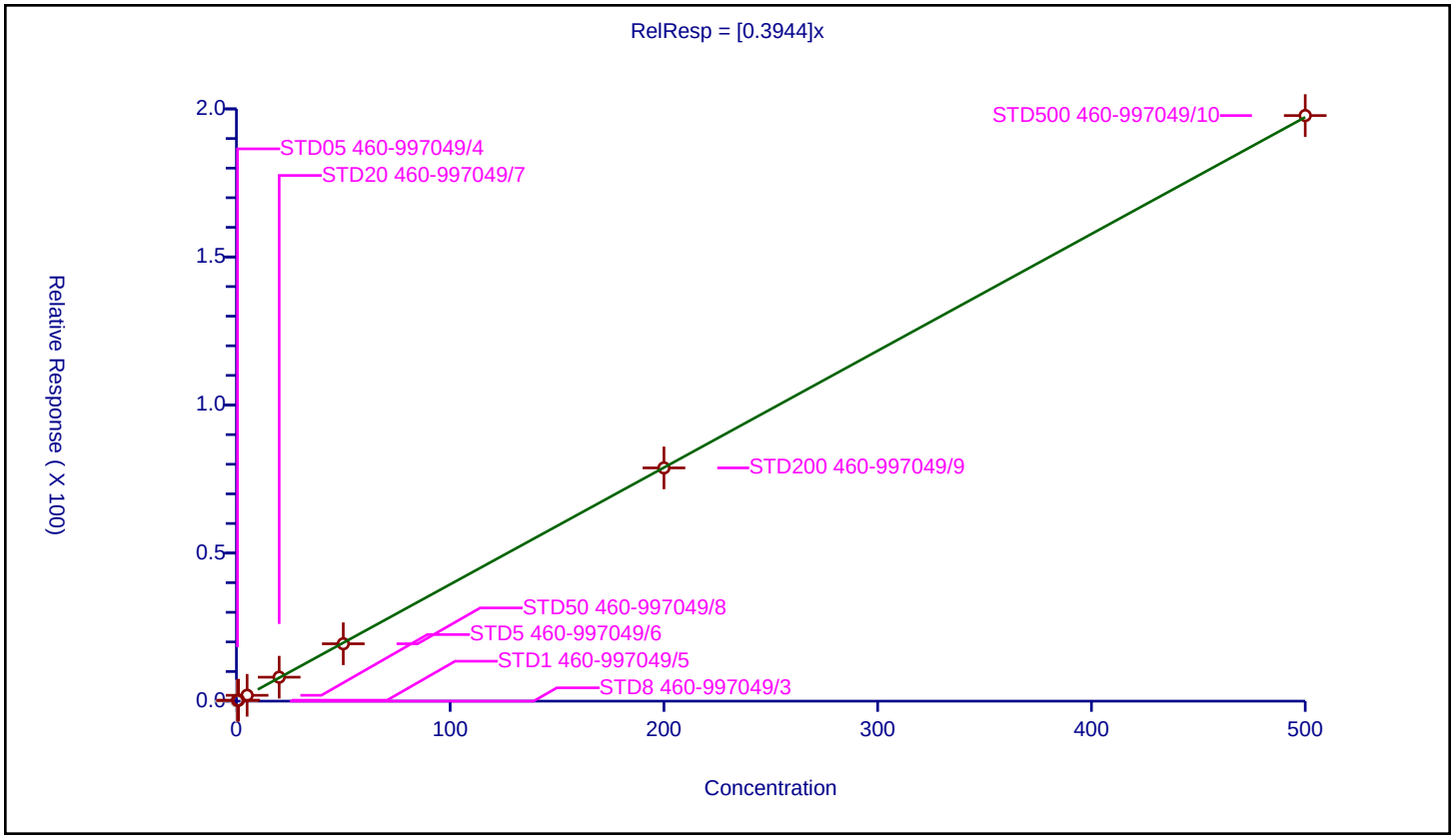
Curve Coefficients

Intercept:	0
Slope:	0.3944

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.226874	50.0	503804.0	0.453748	Y
3	STD1 460-997049/5	1.0	0.331756	50.0	524030.0	0.331756	Y
4	STD5 460-997049/6	5.0	1.970135	50.0	518797.0	0.394027	Y
5	STD20 460-997049/7	20.0	8.087946	50.0	510859.0	0.404397	Y
6	STD50 460-997049/8	50.0	19.377772	50.0	564407.0	0.387555	Y
7	STD200 460-997049/9	200.0	78.762802	50.0	565350.0	0.393814	Y
8	STD500 460-997049/10	500.0	197.74802	50.0	585729.0	0.395496	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

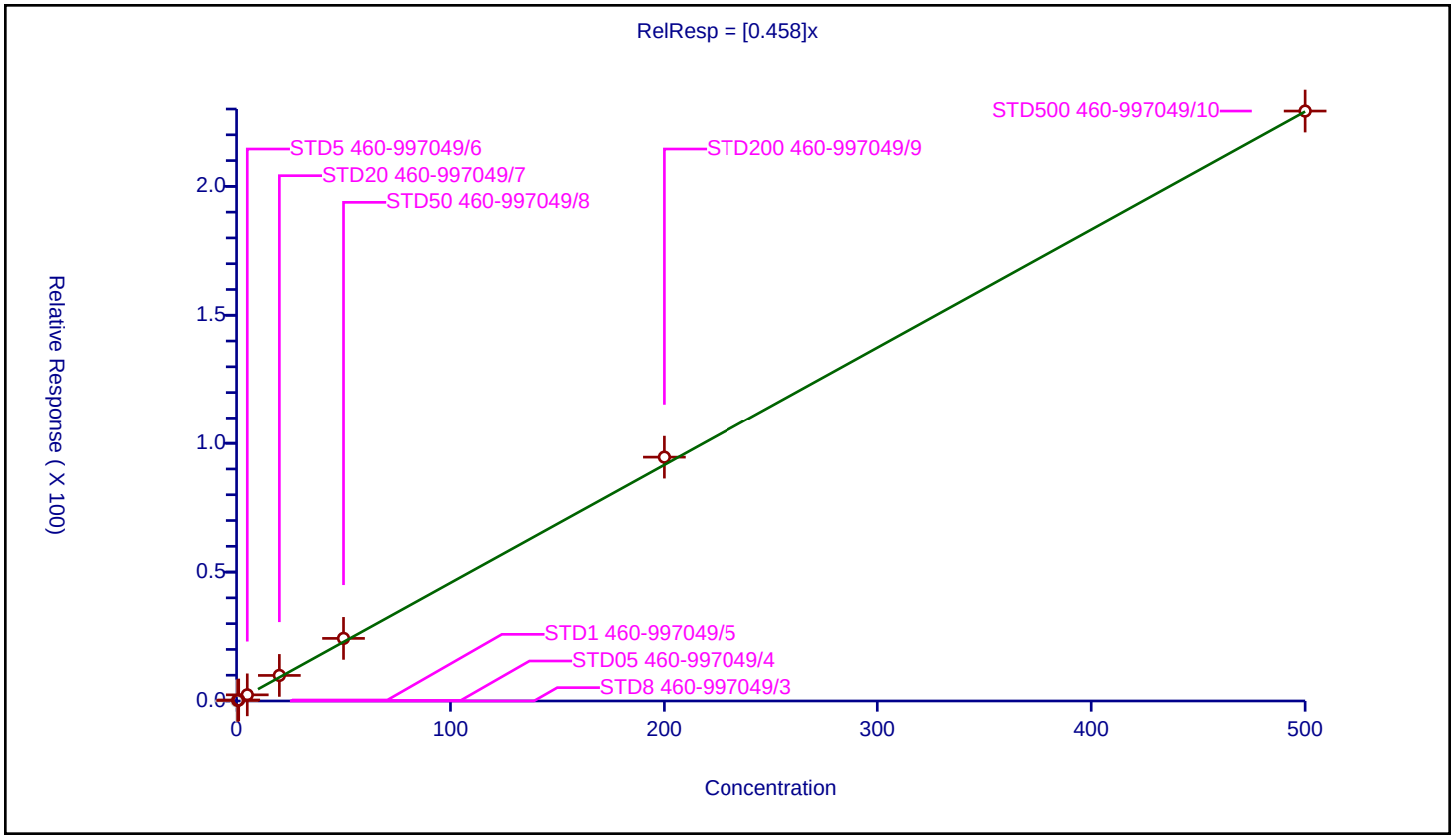
Curve Coefficients

Intercept:	0
Slope:	0.458

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.214766	50.0	503804.0	0.429532	Y
3	STD1 460-997049/5	1.0	0.386428	50.0	524030.0	0.386428	Y
4	STD5 460-997049/6	5.0	2.386868	50.0	518797.0	0.477374	Y
5	STD20 460-997049/7	20.0	9.916141	50.0	510859.0	0.495807	Y
6	STD50 460-997049/8	50.0	24.28168	50.0	564407.0	0.485634	Y
7	STD200 460-997049/9	200.0	94.595118	50.0	565350.0	0.472976	Y
8	STD500 460-997049/10	500.0	229.211461	50.0	585729.0	0.458423	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

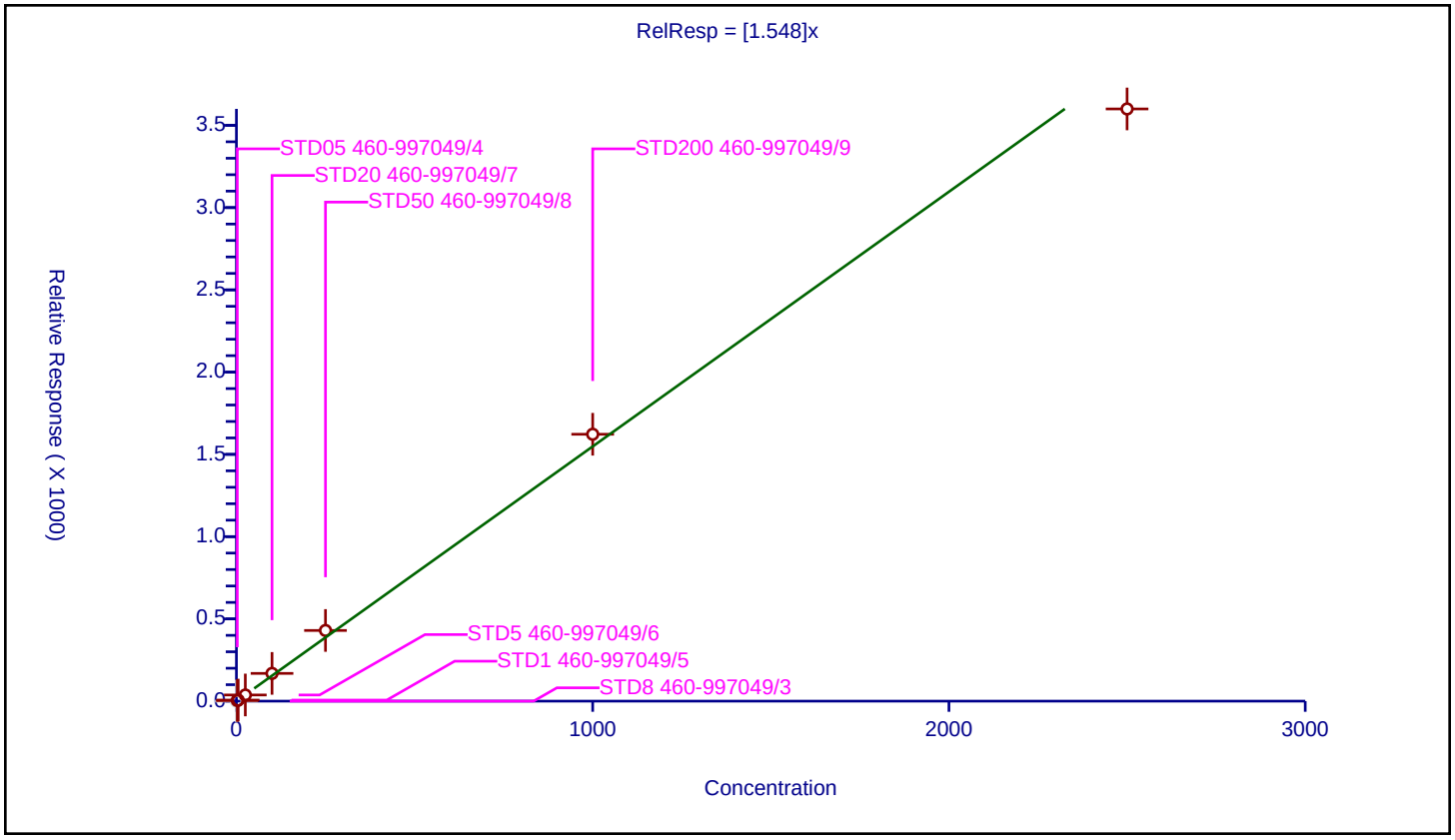
Curve Coefficients

Intercept:	0
Slope:	1.548

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	250.0	257788.0	NaN	N
2	STD05 460-997049/4	2.5	3.978057	250.0	226681.0	1.591223	Y
3	STD1 460-997049/5	5.0	6.401703	250.0	231579.0	1.280341	Y
4	STD5 460-997049/6	25.0	37.452578	250.0	239870.0	1.498103	Y
5	STD20 460-997049/7	100.0	168.676309	250.0	235697.0	1.686763	Y
6	STD50 460-997049/8	250.0	429.56582	250.0	262472.0	1.718263	Y
7	STD200 460-997049/9	1000.0	1622.344364	250.0	264720.0	1.622344	Y
8	STD500 460-997049/10	2500.0	3599.677076	250.0	285981.0	1.439871	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

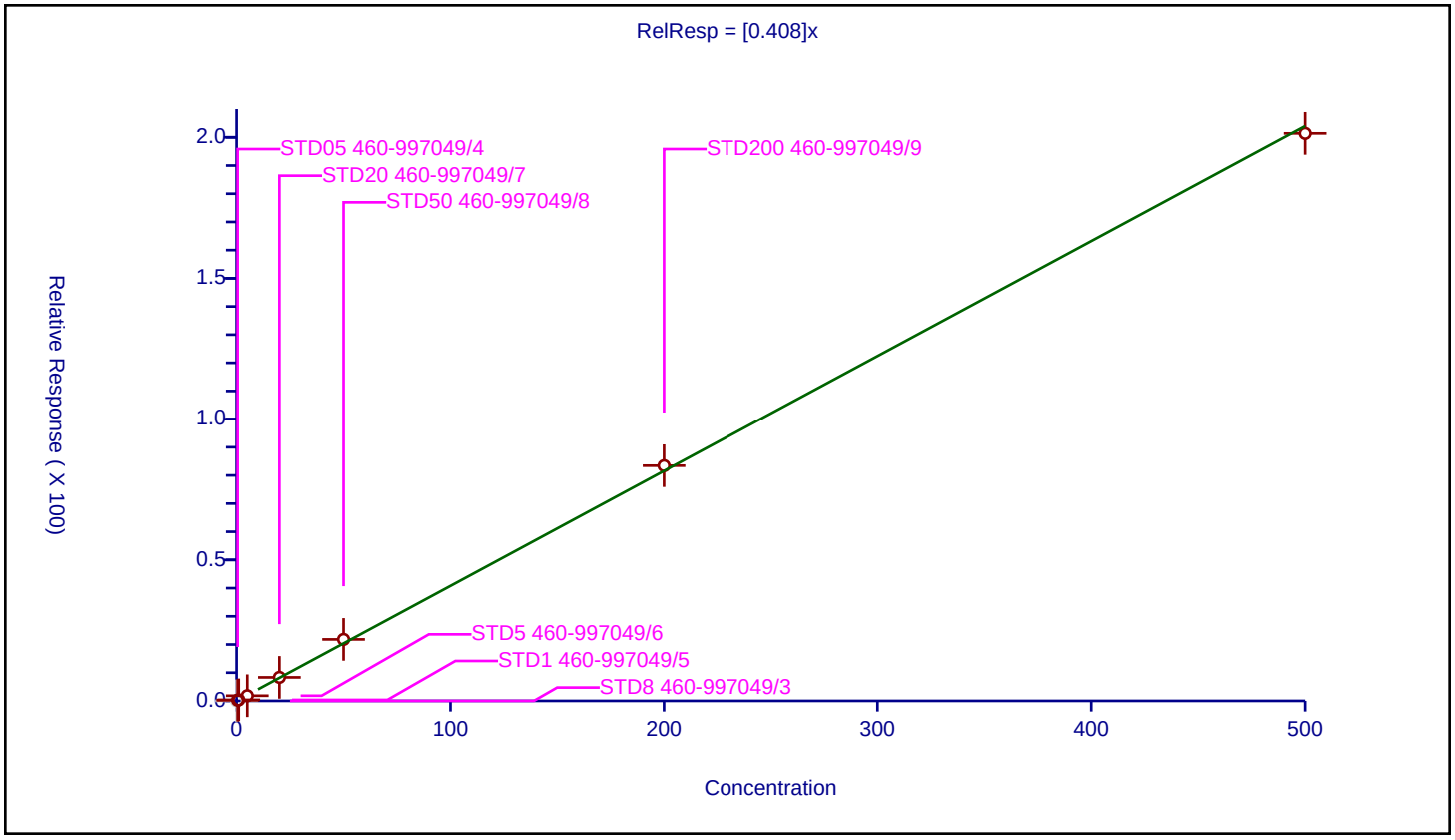
Curve Coefficients

Intercept:	0
Slope:	0.408

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.227469	50.0	503804.0	0.454939	Y
3	STD1 460-997049/5	1.0	0.36143	50.0	524030.0	0.36143	Y
4	STD5 460-997049/6	5.0	1.831352	50.0	518797.0	0.36627	Y
5	STD20 460-997049/7	20.0	8.33733	50.0	510859.0	0.416866	Y
6	STD50 460-997049/8	50.0	21.812451	50.0	564407.0	0.436249	Y
7	STD200 460-997049/9	200.0	83.463783	50.0	565350.0	0.417319	Y
8	STD500 460-997049/10	500.0	201.399026	50.0	585729.0	0.402798	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

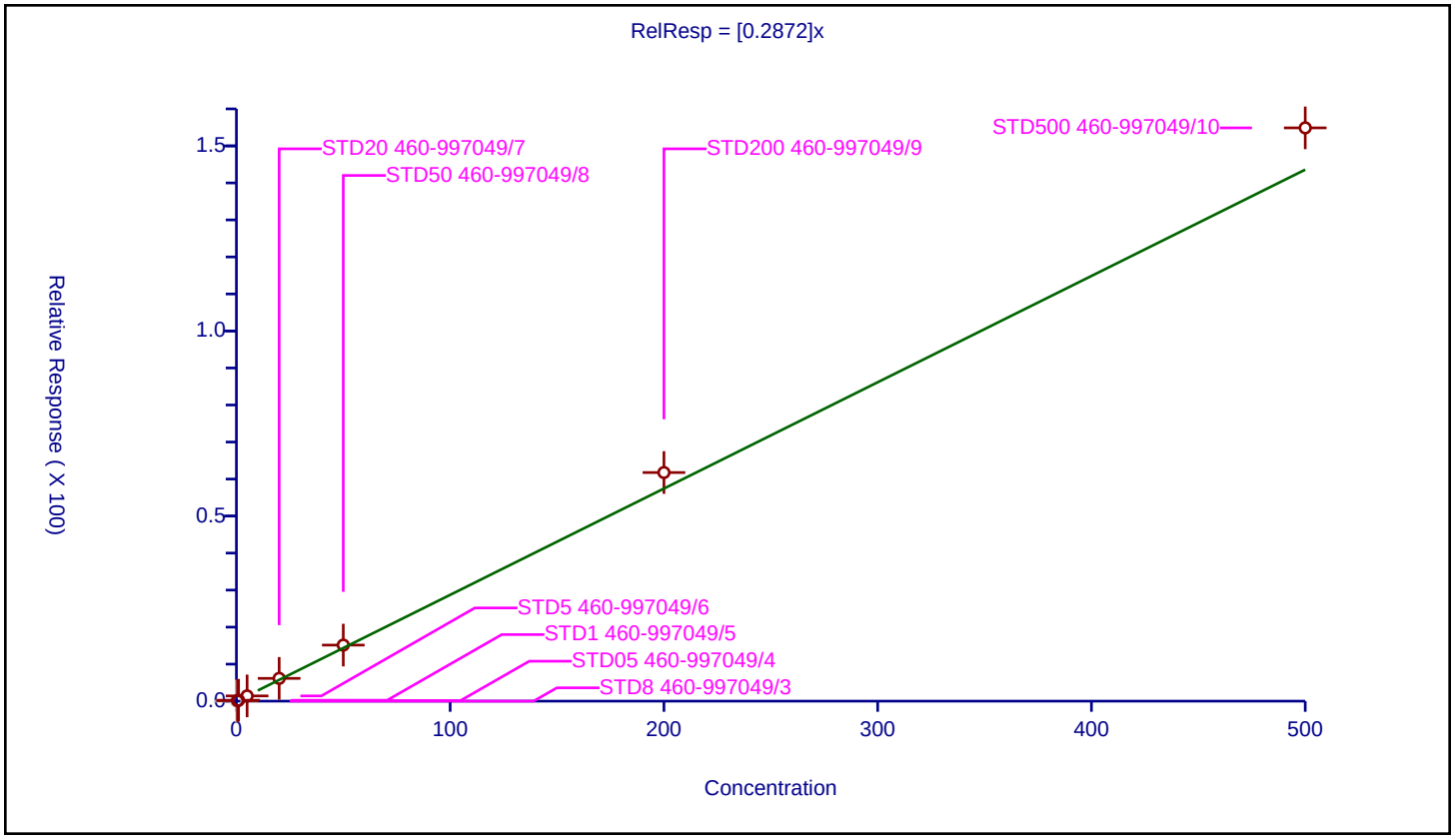
Curve Coefficients

Intercept:	0
Slope:	0.2872

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.129812	50.0	503804.0	0.259625	Y
3	STD1 460-997049/5	1.0	0.238154	50.0	524030.0	0.238154	Y
4	STD5 460-997049/6	5.0	1.417028	50.0	518797.0	0.283406	Y
5	STD20 460-997049/7	20.0	6.150817	50.0	510859.0	0.307541	Y
6	STD50 460-997049/8	50.0	15.140936	50.0	564407.0	0.302819	Y
7	STD200 460-997049/9	200.0	61.761033	50.0	565350.0	0.308805	Y
8	STD500 460-997049/10	500.0	154.870426	50.0	585729.0	0.309741	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

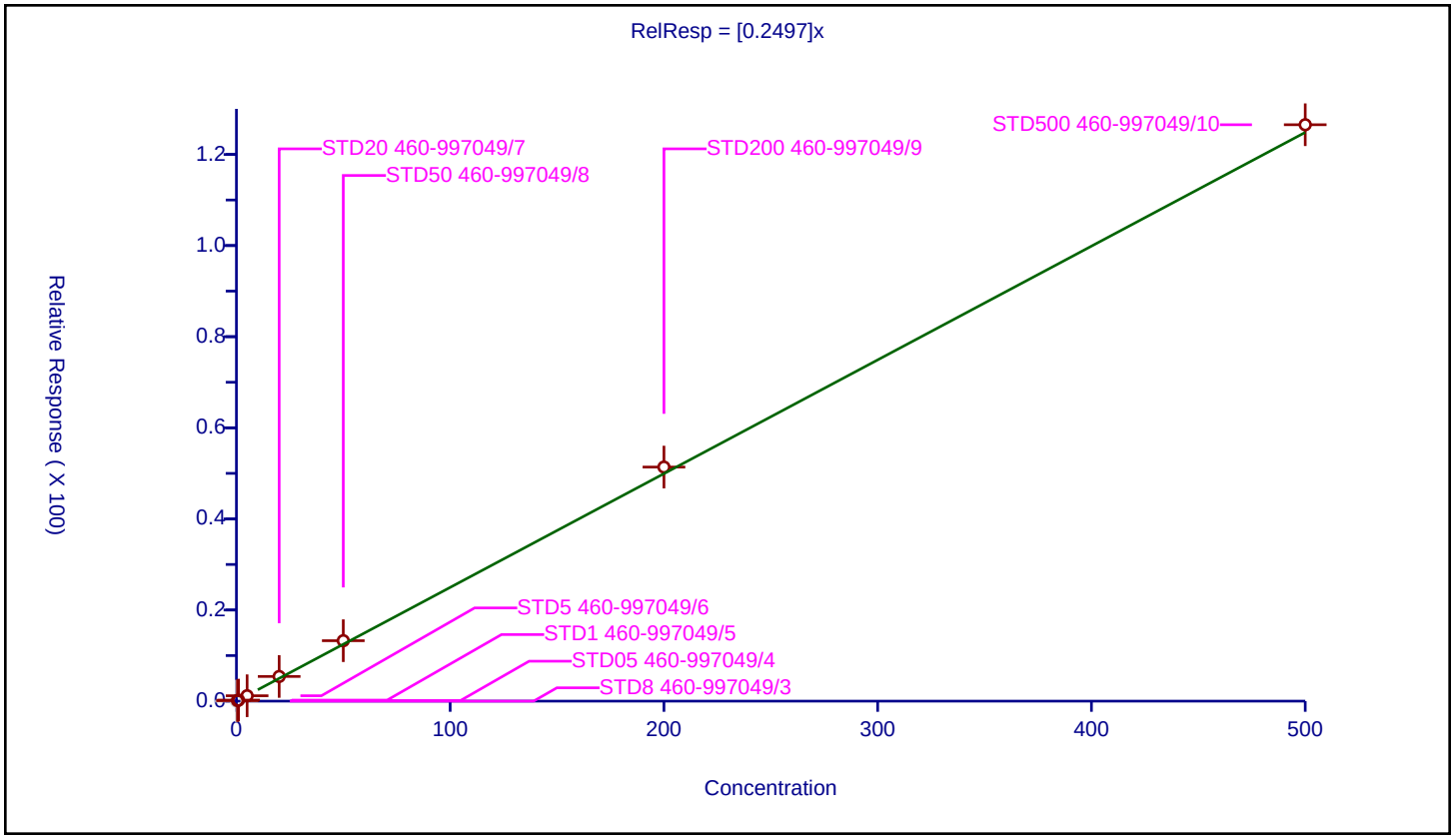
Curve Coefficients

Intercept:	0
Slope:	0.2497

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.121178	50.0	503804.0	0.242356	Y
3	STD1 460-997049/5	1.0	0.222983	50.0	524030.0	0.222983	Y
4	STD5 460-997049/6	5.0	1.181194	50.0	518797.0	0.236239	Y
5	STD20 460-997049/7	20.0	5.418716	50.0	510859.0	0.270936	Y
6	STD50 460-997049/8	50.0	13.265339	50.0	564407.0	0.265307	Y
7	STD200 460-997049/9	200.0	51.377377	50.0	565350.0	0.256887	Y
8	STD500 460-997049/10	500.0	126.522931	50.0	585729.0	0.253046	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

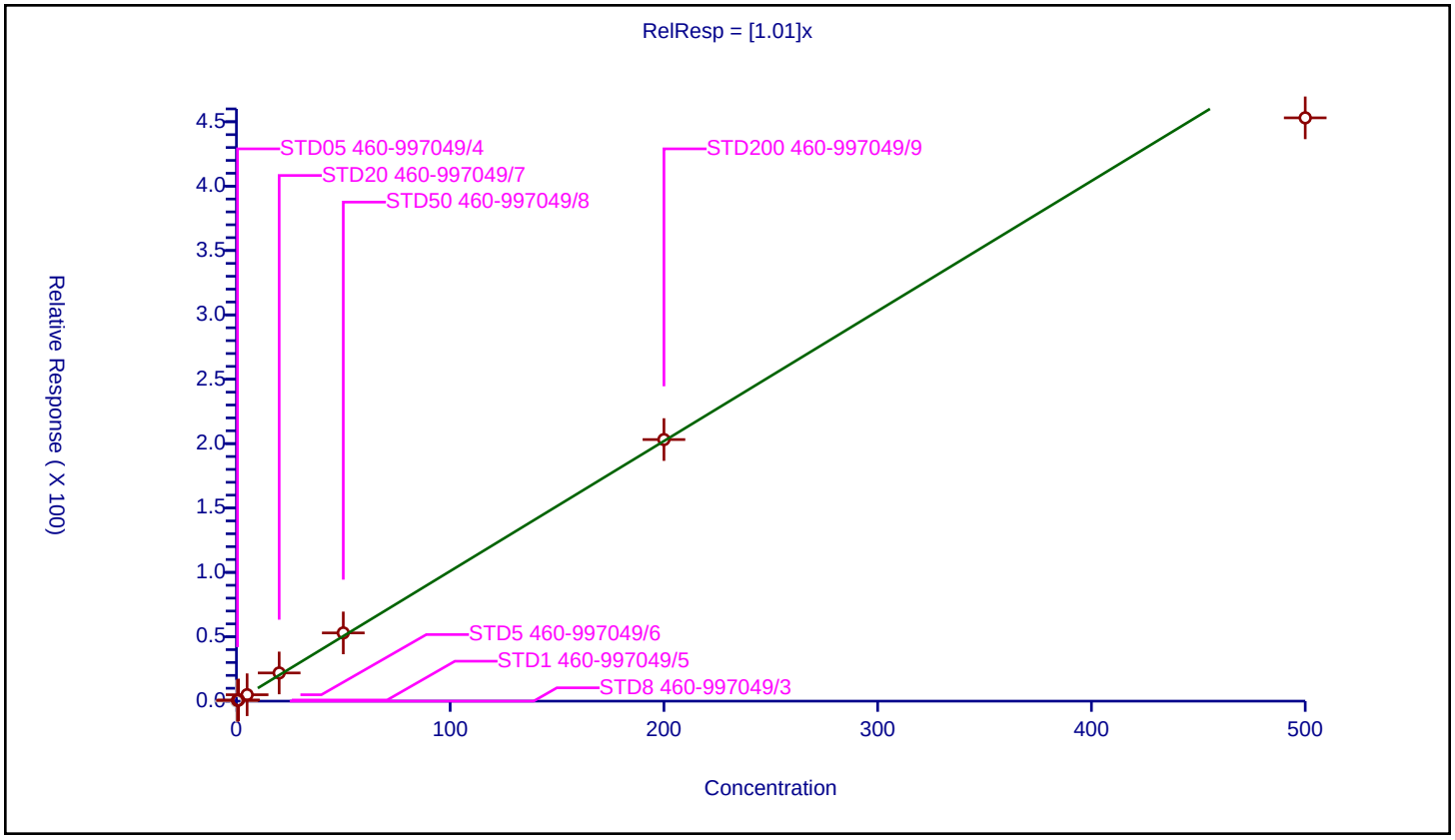
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.560932	50.0	503804.0	1.121865	Y
3	STD1 460-997049/5	1.0	0.875522	50.0	524030.0	0.875522	Y
4	STD5 460-997049/6	5.0	4.979886	50.0	518797.0	0.995977	Y
5	STD20 460-997049/7	20.0	21.901542	50.0	510859.0	1.095077	Y
6	STD50 460-997049/8	50.0	52.989332	50.0	564407.0	1.059787	Y
7	STD200 460-997049/9	200.0	203.169187	50.0	565350.0	1.015846	Y
8	STD500 460-997049/10	500.0	453.053375	50.0	585729.0	0.906107	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

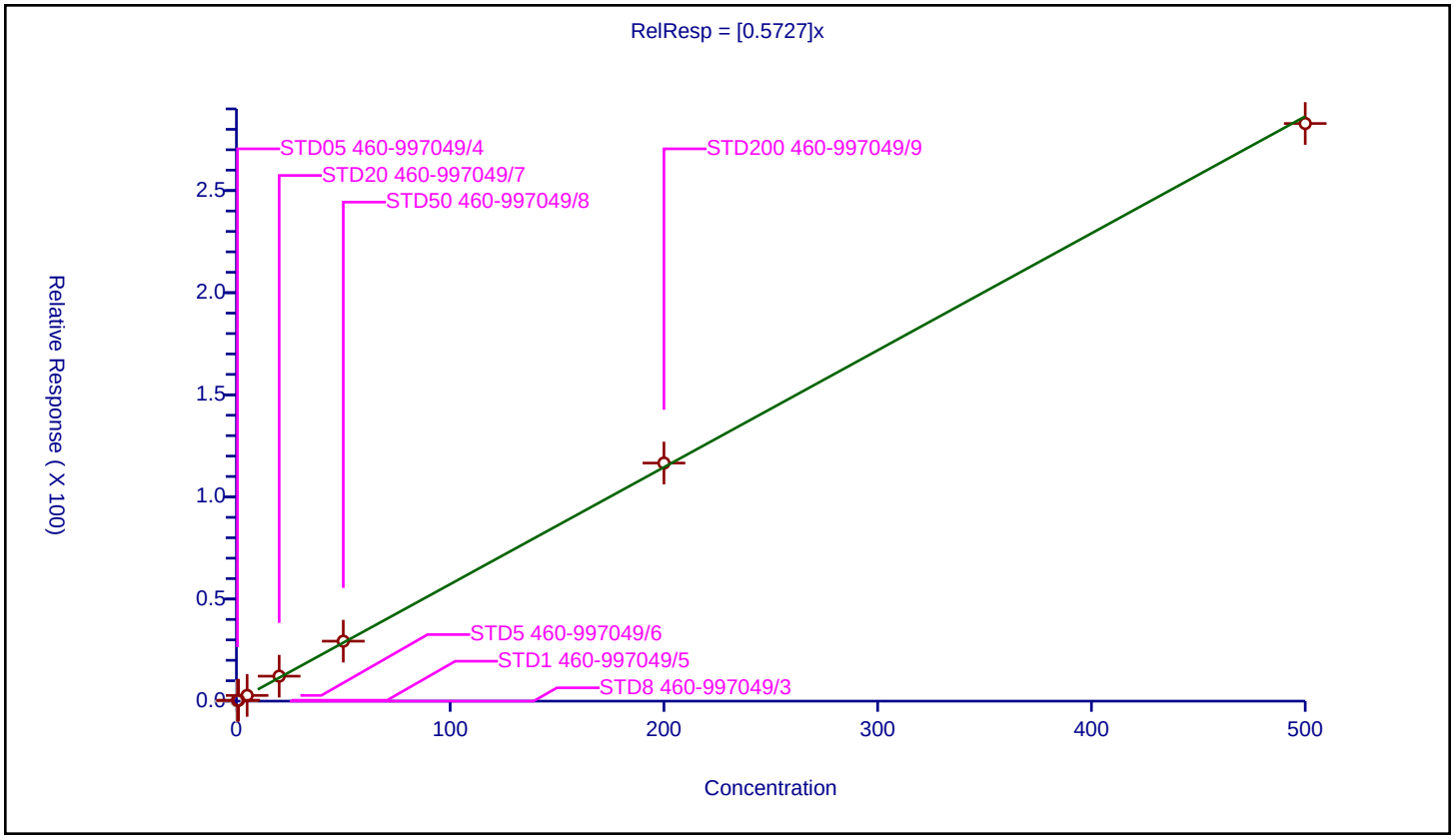
Curve Coefficients

Intercept:	0
Slope:	0.5727

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.328203	50.0	503804.0	0.656406	Y
3	STD1 460-997049/5	1.0	0.446348	50.0	524030.0	0.446348	Y
4	STD5 460-997049/6	5.0	2.794831	50.0	518797.0	0.558966	Y
5	STD20 460-997049/7	20.0	12.22118	50.0	510859.0	0.611059	Y
6	STD50 460-997049/8	50.0	29.358424	50.0	564407.0	0.587168	Y
7	STD200 460-997049/9	200.0	116.585213	50.0	565350.0	0.582926	Y
8	STD500 460-997049/10	500.0	282.850516	50.0	585729.0	0.565701	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

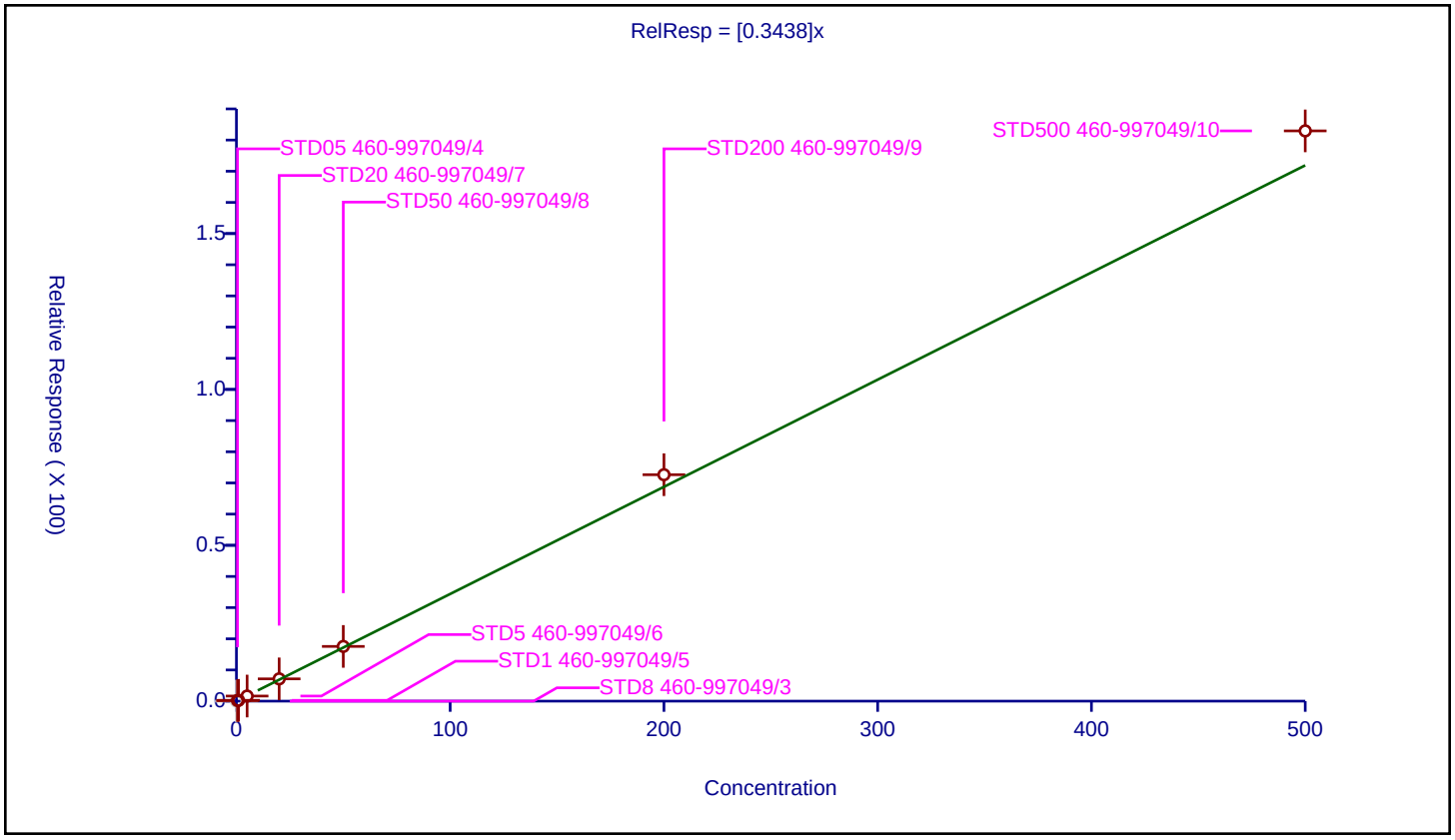
Curve Coefficients

Intercept:	0
Slope:	0.3438

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.192337	50.0	503804.0	0.384673	Y
3	STD1 460-997049/5	1.0	0.257619	50.0	524030.0	0.257619	Y
4	STD5 460-997049/6	5.0	1.632141	50.0	518797.0	0.326428	Y
5	STD20 460-997049/7	20.0	7.150799	50.0	510859.0	0.35754	Y
6	STD50 460-997049/8	50.0	17.554176	50.0	564407.0	0.351084	Y
7	STD200 460-997049/9	200.0	72.644645	50.0	565350.0	0.363223	Y
8	STD500 460-997049/10	500.0	182.94305	50.0	585729.0	0.365886	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

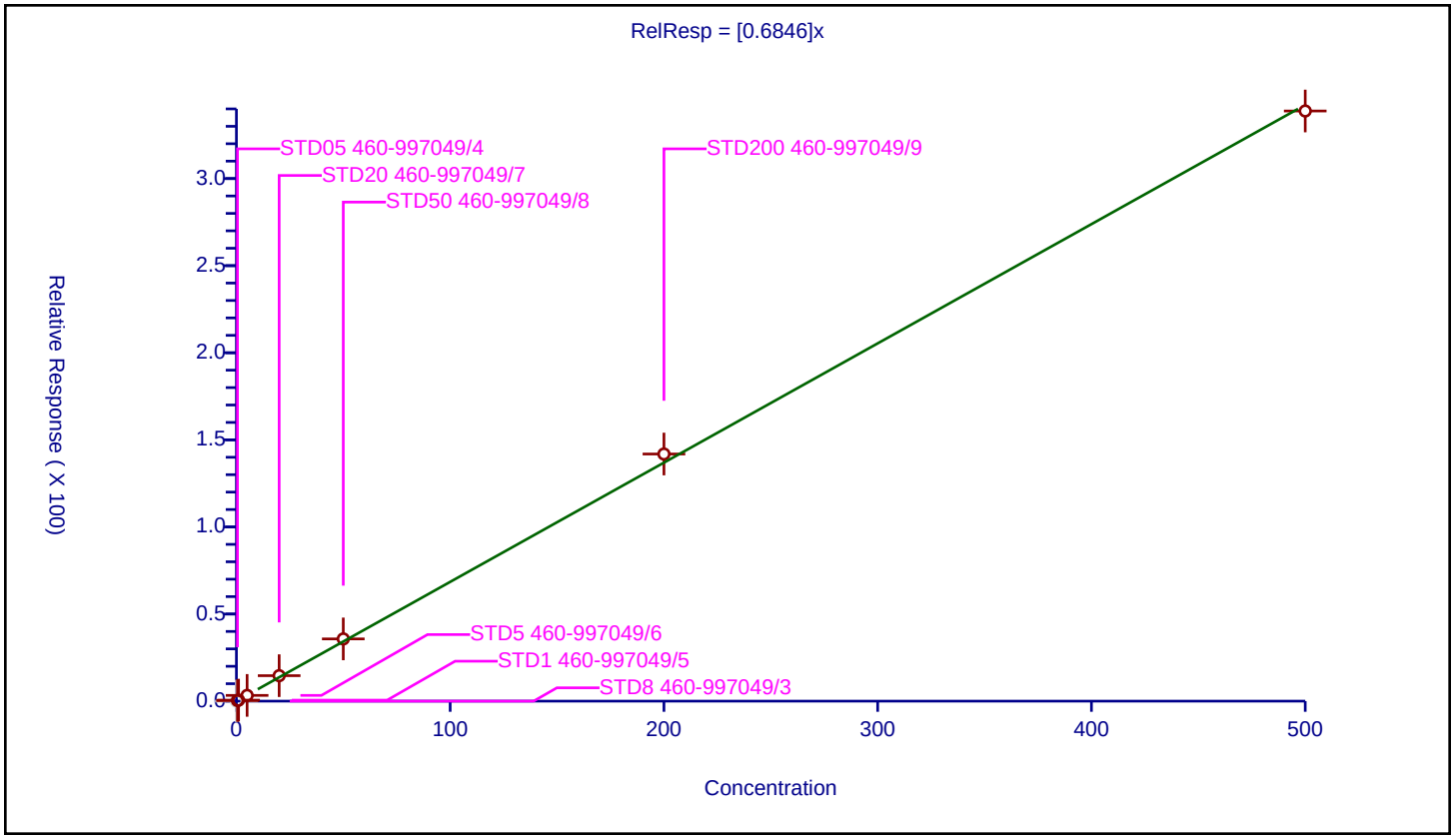
Curve Coefficients

Intercept:	0
Slope:	0.6846

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.363435	50.0	503804.0	0.72687	Y
3	STD1 460-997049/5	1.0	0.572391	50.0	524030.0	0.572391	Y
4	STD5 460-997049/6	5.0	3.301484	50.0	518797.0	0.660297	Y
5	STD20 460-997049/7	20.0	14.623507	50.0	510859.0	0.731175	Y
6	STD50 460-997049/8	50.0	35.725638	50.0	564407.0	0.714513	Y
7	STD200 460-997049/9	200.0	141.875298	50.0	565350.0	0.709376	Y
8	STD500 460-997049/10	500.0	338.788501	50.0	585729.0	0.677577	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

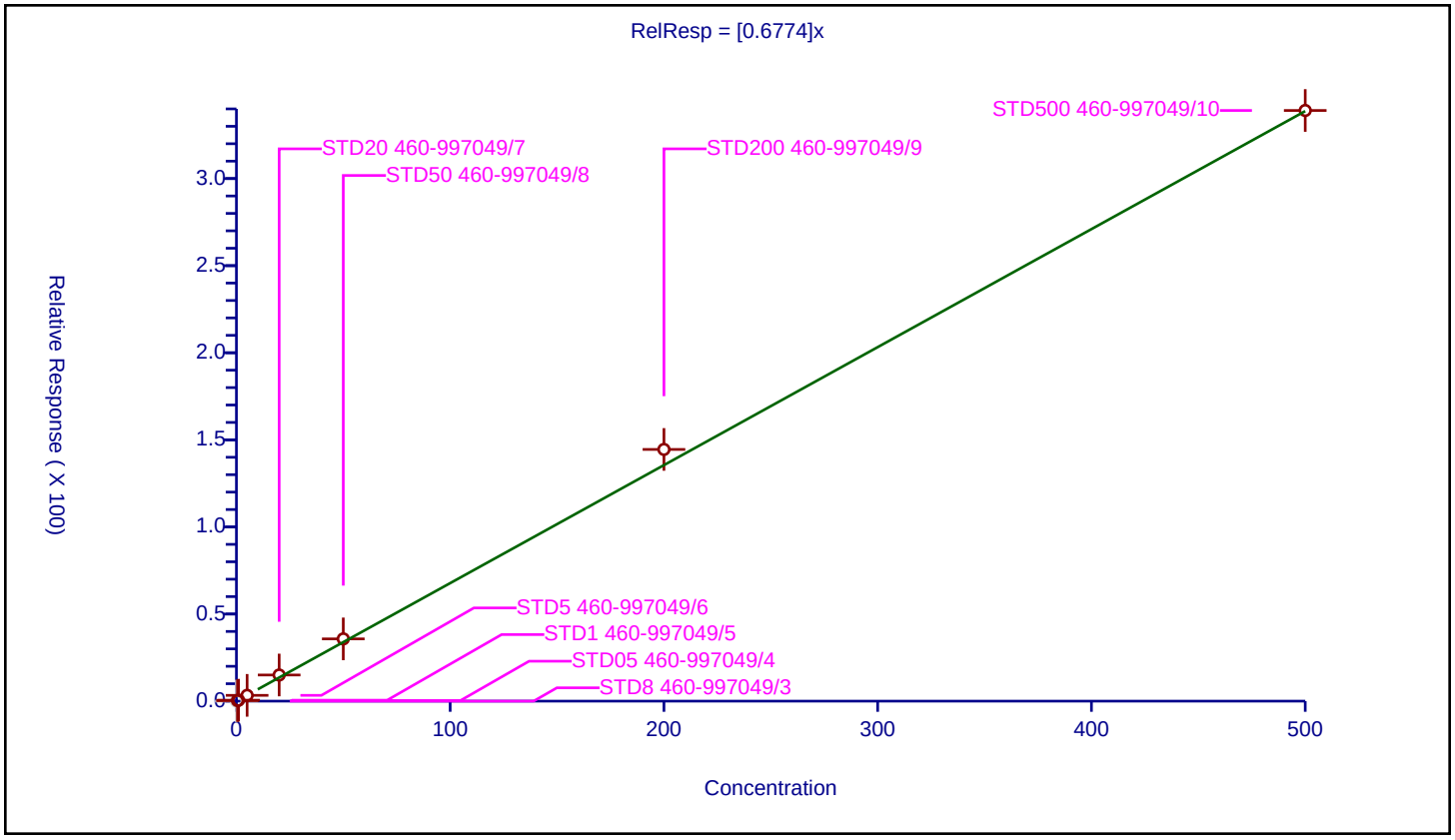
Curve Coefficients

Intercept:	0
Slope:	0.6774

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.331974	50.0	503804.0	0.663949	Y
3	STD1 460-997049/5	1.0	0.547297	50.0	524030.0	0.547297	Y
4	STD5 460-997049/6	5.0	3.325193	50.0	518797.0	0.665039	Y
5	STD20 460-997049/7	20.0	15.004532	50.0	510859.0	0.750227	Y
6	STD50 460-997049/8	50.0	35.744241	50.0	564407.0	0.714885	Y
7	STD200 460-997049/9	200.0	144.504289	50.0	565350.0	0.722521	Y
8	STD500 460-997049/10	500.0	339.080274	50.0	585729.0	0.678161	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

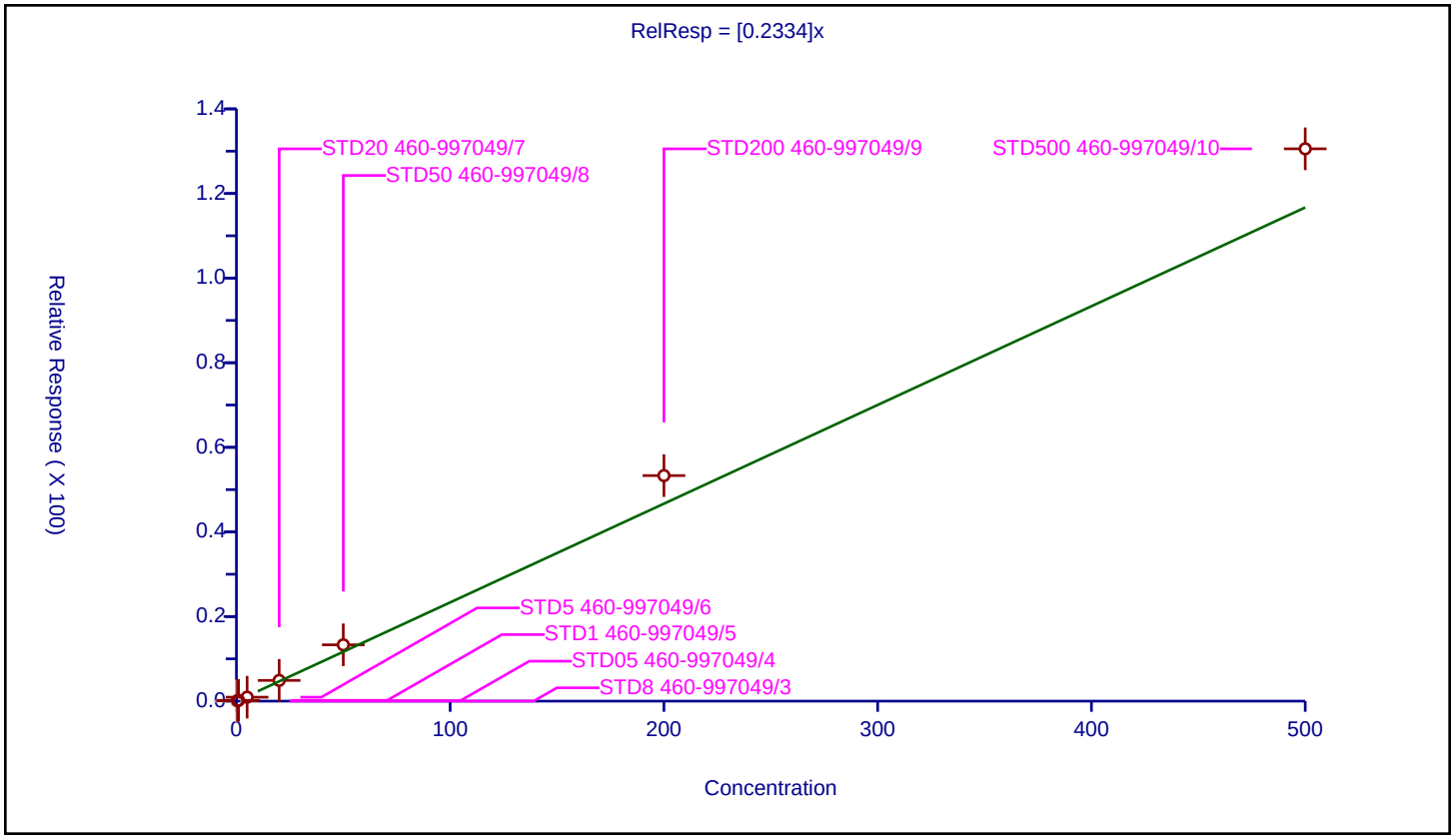
Curve Coefficients

Intercept:	0
Slope:	0.2334

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.111055	50.0	503804.0	0.22211	Y
3	STD1 460-997049/5	1.0	0.18539	50.0	524030.0	0.18539	Y
4	STD5 460-997049/6	5.0	0.93553	50.0	518797.0	0.187106	Y
5	STD20 460-997049/7	20.0	4.902038	50.0	510859.0	0.245102	Y
6	STD50 460-997049/8	50.0	13.315391	50.0	564407.0	0.266308	Y
7	STD200 460-997049/9	200.0	53.315557	50.0	565350.0	0.266578	Y
8	STD500 460-997049/10	500.0	130.562769	50.0	585729.0	0.261126	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

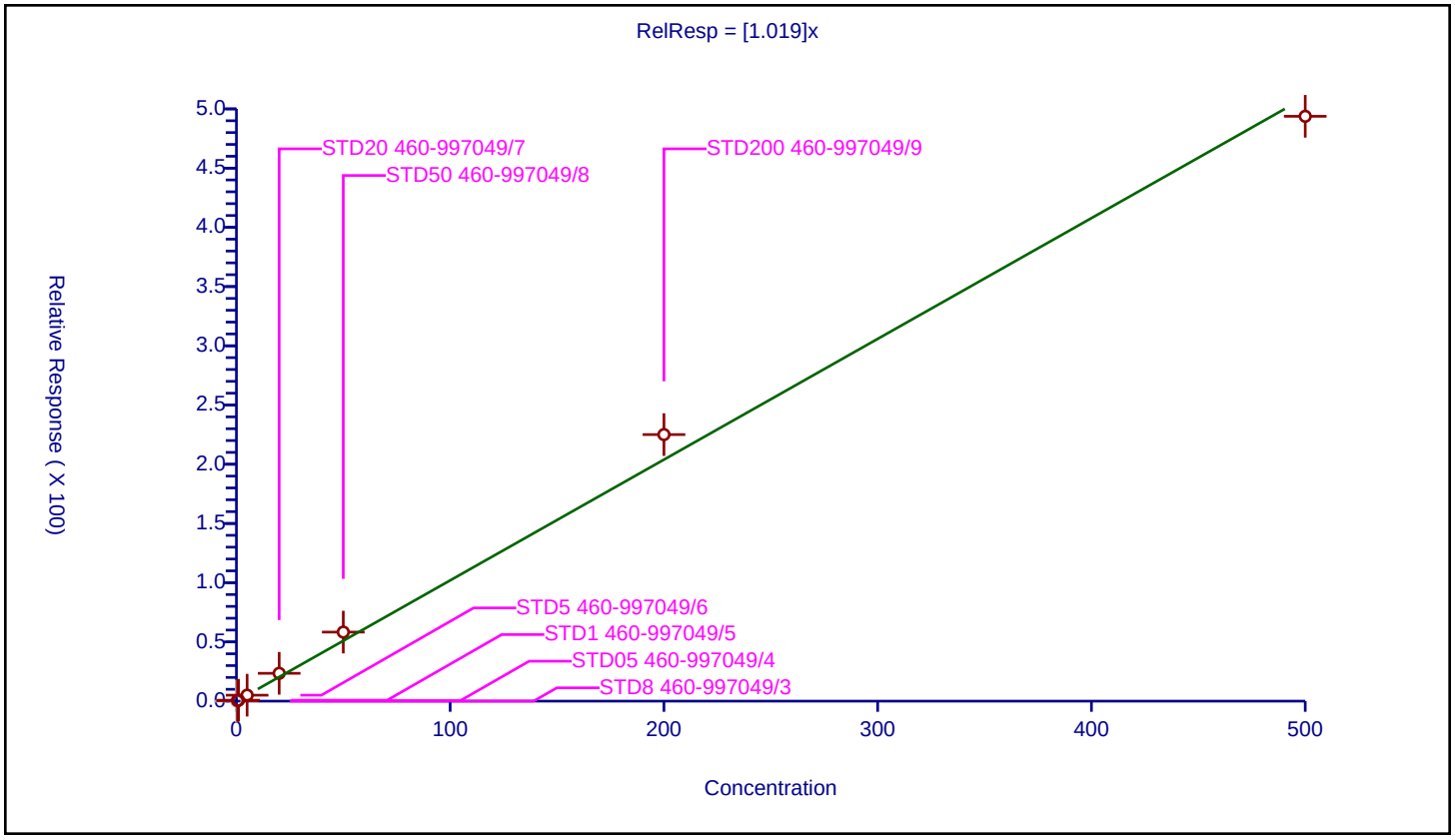
Curve Coefficients

Intercept:	0
Slope:	1.019

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.447892	50.0	503804.0	0.895785	Y
3	STD1 460-997049/5	1.0	0.780871	50.0	524030.0	0.780871	Y
4	STD5 460-997049/6	5.0	5.030677	50.0	518797.0	1.006135	Y
5	STD20 460-997049/7	20.0	23.49435	50.0	510859.0	1.174717	Y
6	STD50 460-997049/8	50.0	58.294192	50.0	564407.0	1.165884	Y
7	STD200 460-997049/9	200.0	225.053418	50.0	565350.0	1.125267	Y
8	STD500 460-997049/10	500.0	493.752572	50.0	585729.0	0.987505	Y



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Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

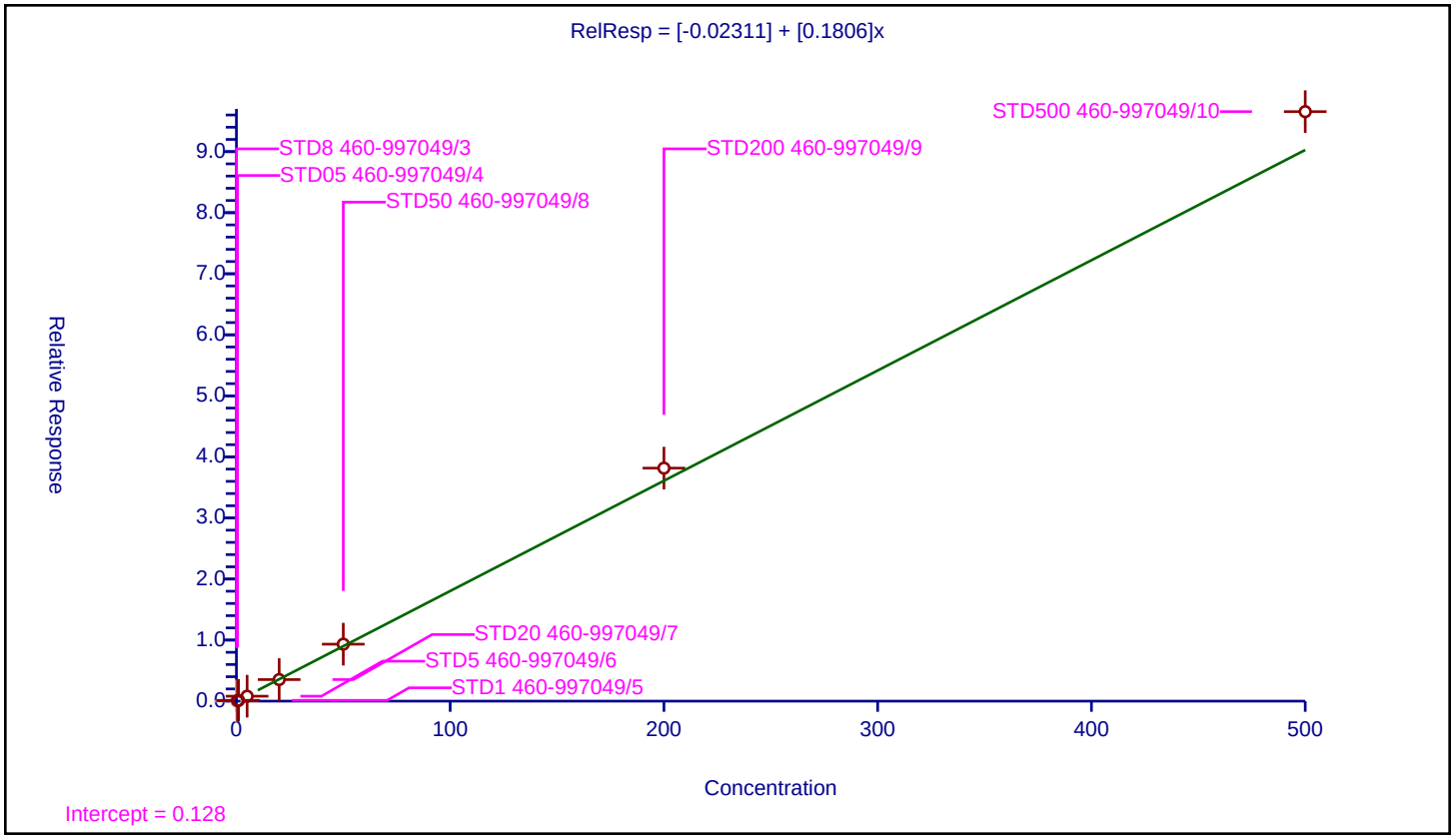
Curve Coefficients

Intercept:	-0.02311
Slope:	0.1806

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.074731	50.0	503804.0	0.149463	Y
3	STD1 460-997049/5	1.0	0.13005	50.0	524030.0	0.13005	Y
4	STD5 460-997049/6	5.0	0.809372	50.0	518797.0	0.161874	Y
5	STD20 460-997049/7	20.0	3.530622	50.0	510859.0	0.176531	Y
6	STD50 460-997049/8	50.0	9.328729	50.0	564407.0	0.186575	Y
7	STD200 460-997049/9	200.0	38.161139	50.0	565350.0	0.190806	Y
8	STD500 460-997049/10	500.0	96.548916	50.0	585729.0	0.193098	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

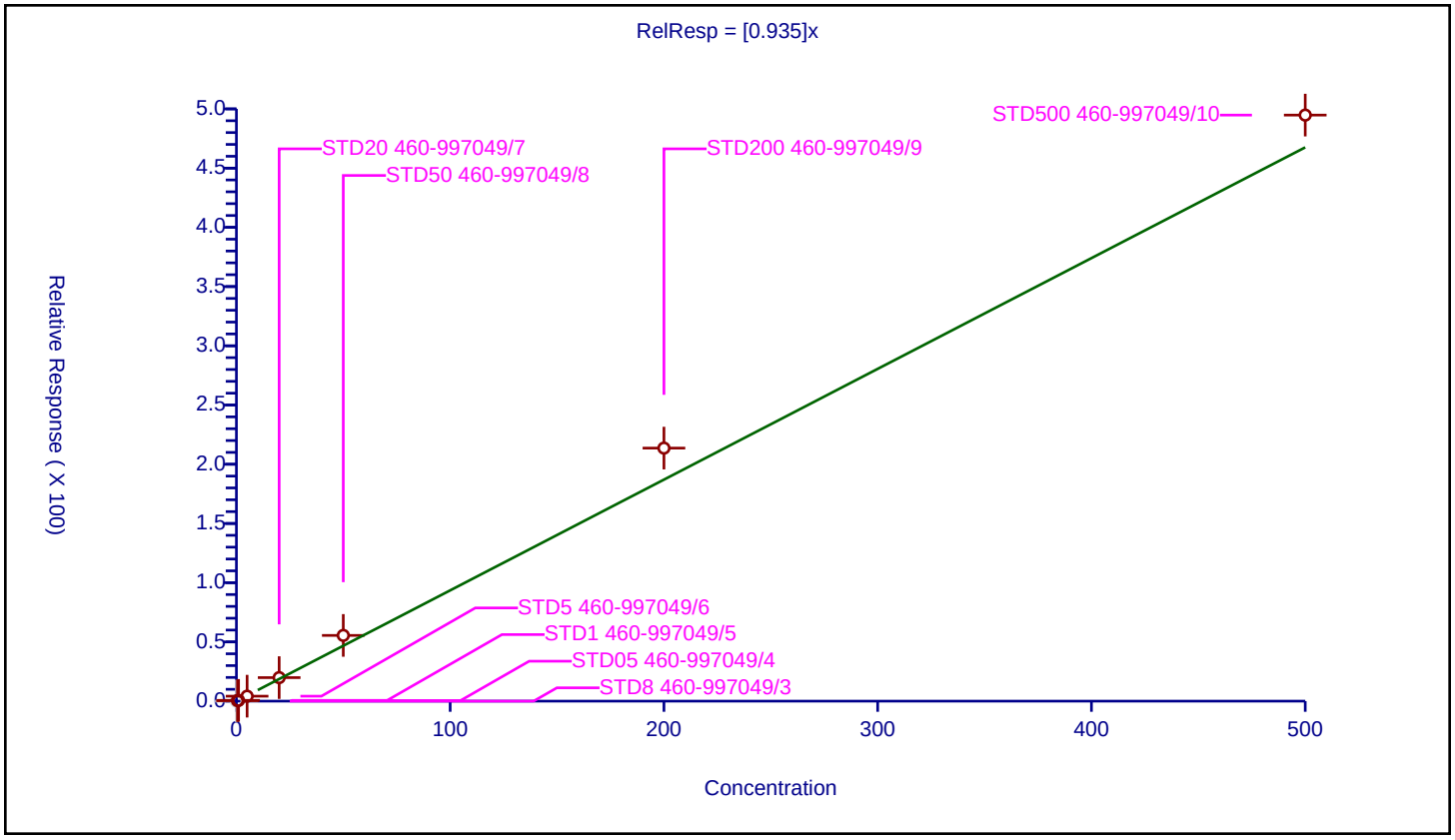
Curve Coefficients

Intercept:	0
Slope:	0.935

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.448528	50.0	274119.0	0.897056	Y
3	STD1 460-997049/5	1.0	0.650265	50.0	290497.0	0.650265	Y
4	STD5 460-997049/6	5.0	4.18596	50.0	286159.0	0.837192	Y
5	STD20 460-997049/7	20.0	19.863657	50.0	285237.0	0.993183	Y
6	STD50 460-997049/8	50.0	55.493627	50.0	308421.0	1.109873	Y
7	STD200 460-997049/9	200.0	213.620509	50.0	304181.0	1.068103	Y
8	STD500 460-997049/10	500.0	494.761652	50.0	311100.0	0.989523	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

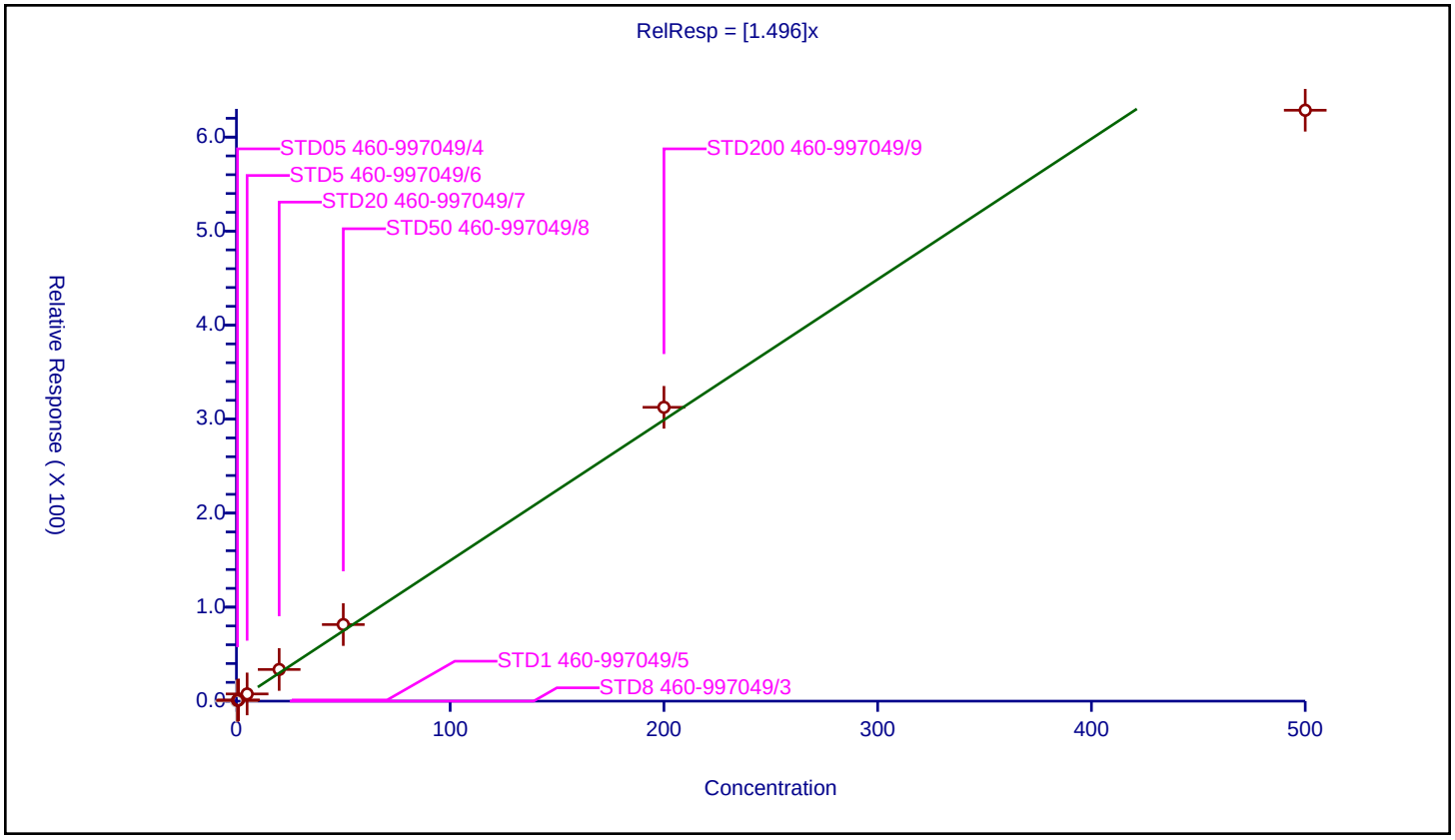
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	522223.0	NaN	N
2	STD05 460-997049/4	0.5	0.773813	50.0	503804.0	1.547626	Y
3	STD1 460-997049/5	1.0	1.255367	50.0	524030.0	1.255367	Y
4	STD5 460-997049/6	5.0	7.658872	50.0	518797.0	1.531774	Y
5	STD20 460-997049/7	20.0	33.695501	50.0	510859.0	1.684775	Y
6	STD50 460-997049/8	50.0	81.464174	50.0	564407.0	1.629283	Y
7	STD200 460-997049/9	200.0	312.572566	50.0	565350.0	1.562863	Y
8	STD500 460-997049/10	500.0	628.582416	50.0	585729.0	1.257165	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

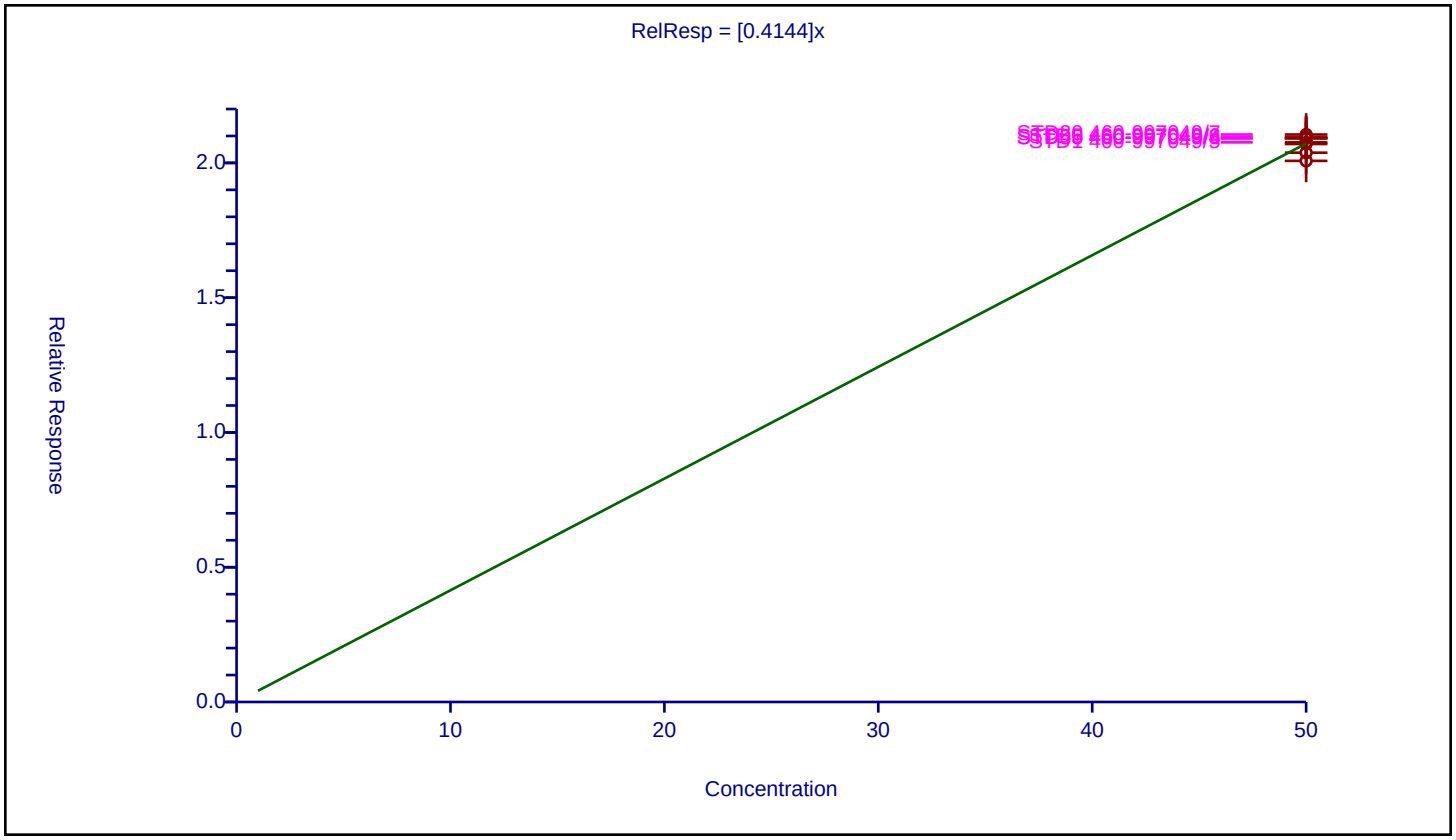
Curve Coefficients

Intercept:	0
Slope:	0.4144

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	50.0	20.701693	50.0	522223.0	0.414034	Y
2	STD05 460-997049/4	50.0	20.907436	50.0	503804.0	0.418149	Y
3	STD1 460-997049/5	50.0	20.762266	50.0	524030.0	0.415245	Y
4	STD5 460-997049/6	50.0	20.946343	50.0	518797.0	0.418927	Y
5	STD20 460-997049/7	50.0	21.053363	50.0	510859.0	0.421067	Y
6	STD50 460-997049/8	50.0	20.924439	50.0	564407.0	0.418489	Y
7	STD200 460-997049/9	50.0	20.380826	50.0	565350.0	0.407617	Y
8	STD500 460-997049/10	50.0	20.075666	50.0	585729.0	0.401513	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

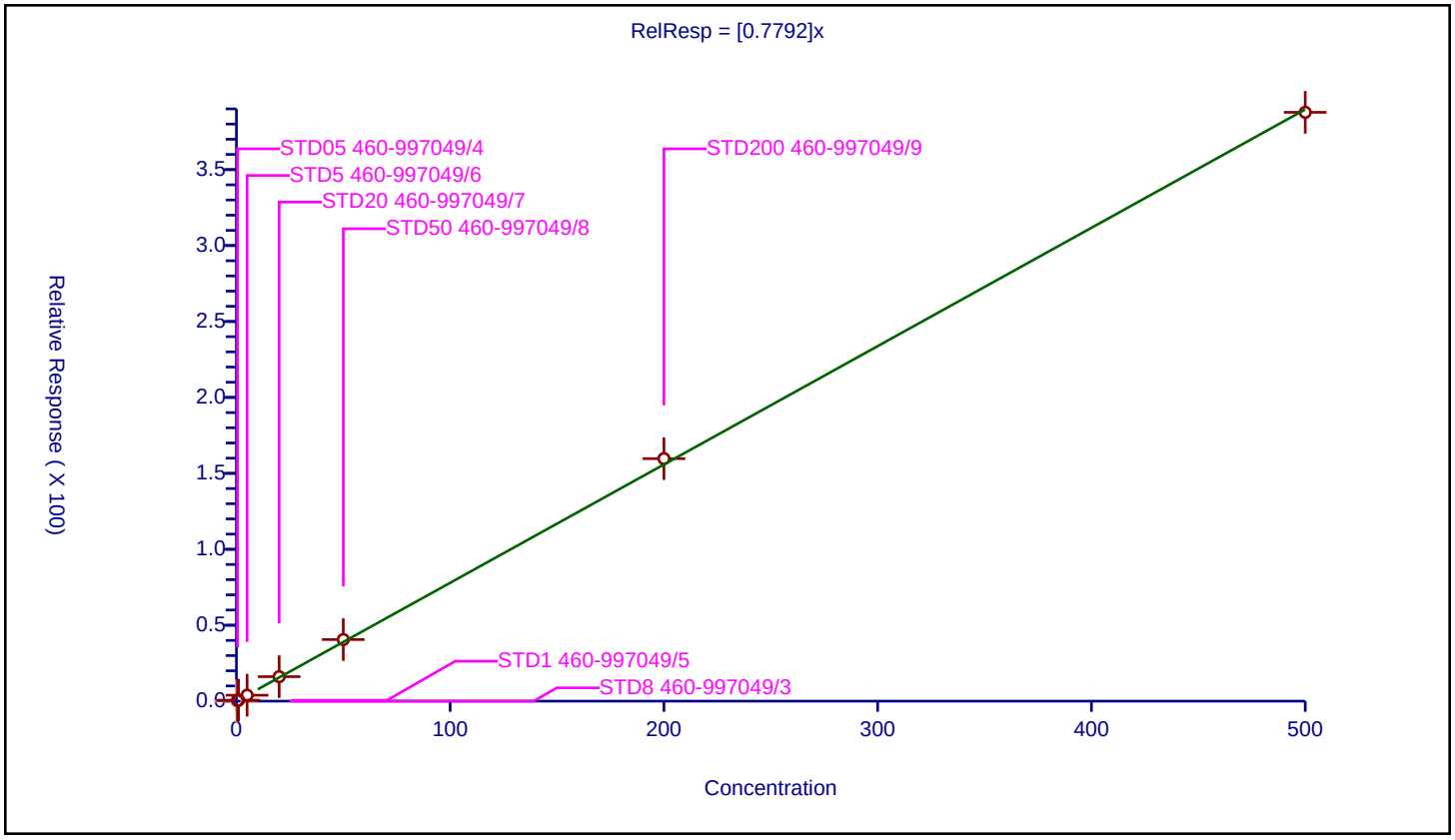
Curve Coefficients

Intercept:	0
Slope:	0.7792

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.432659	50.0	274119.0	0.865318	Y
3	STD1 460-997049/5	1.0	0.616185	50.0	290497.0	0.616185	Y
4	STD5 460-997049/6	5.0	3.909889	50.0	286159.0	0.781978	Y
5	STD20 460-997049/7	20.0	16.118351	50.0	285237.0	0.805918	Y
6	STD50 460-997049/8	50.0	40.564358	50.0	308421.0	0.811287	Y
7	STD200 460-997049/9	200.0	159.690447	50.0	304181.0	0.798452	Y
8	STD500 460-997049/10	500.0	387.741241	50.0	311100.0	0.775482	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

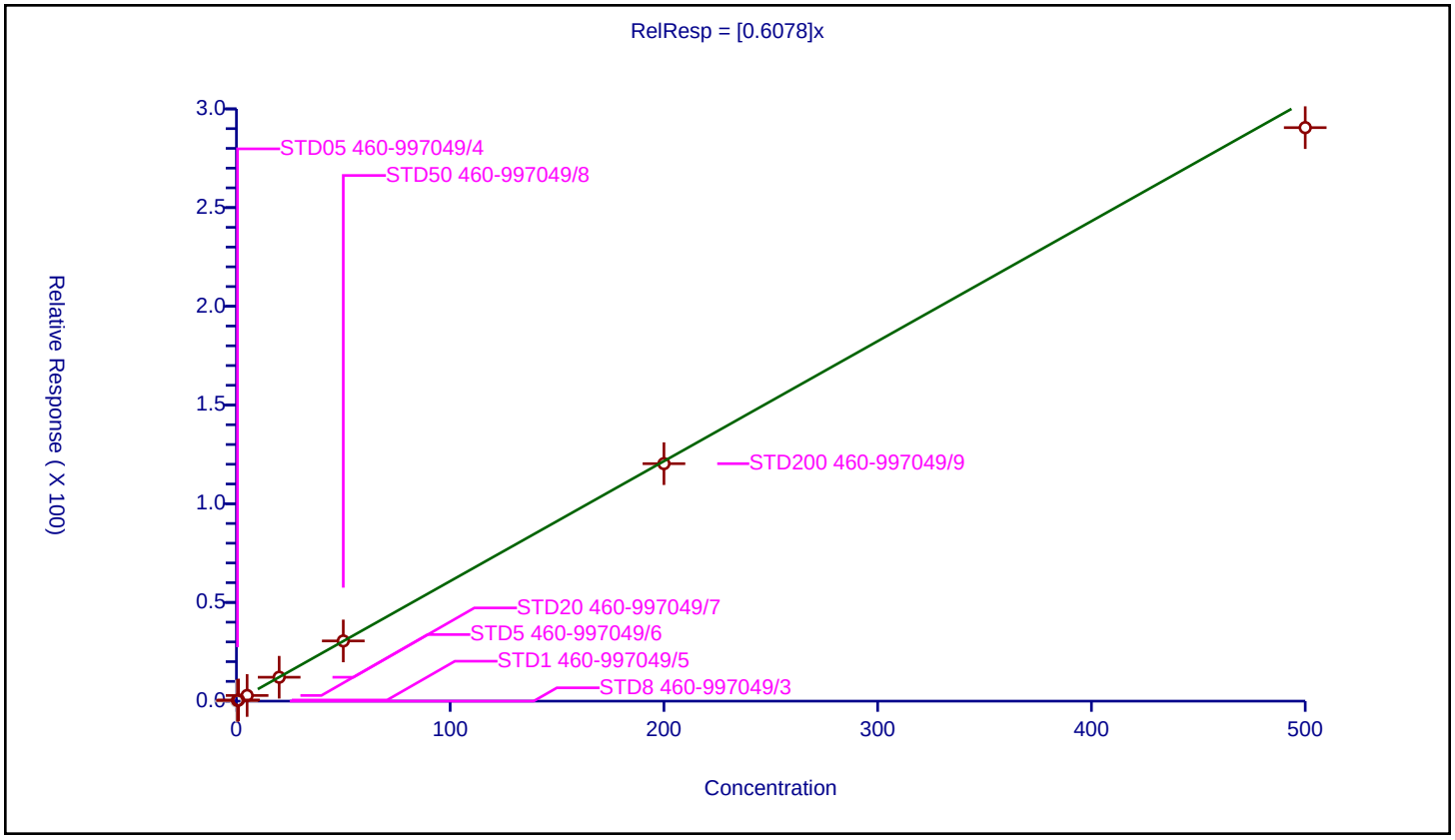
Curve Coefficients

Intercept:	0
Slope:	0.6078

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.353314	50.0	274119.0	0.706627	Y
3	STD1 460-997049/5	1.0	0.577631	50.0	290497.0	0.577631	Y
4	STD5 460-997049/6	5.0	2.861521	50.0	286159.0	0.572304	Y
5	STD20 460-997049/7	20.0	12.113961	50.0	285237.0	0.605698	Y
6	STD50 460-997049/8	50.0	30.494195	50.0	308421.0	0.609884	Y
7	STD200 460-997049/9	200.0	120.294496	50.0	304181.0	0.601472	Y
8	STD500 460-997049/10	500.0	290.499196	50.0	311100.0	0.580998	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

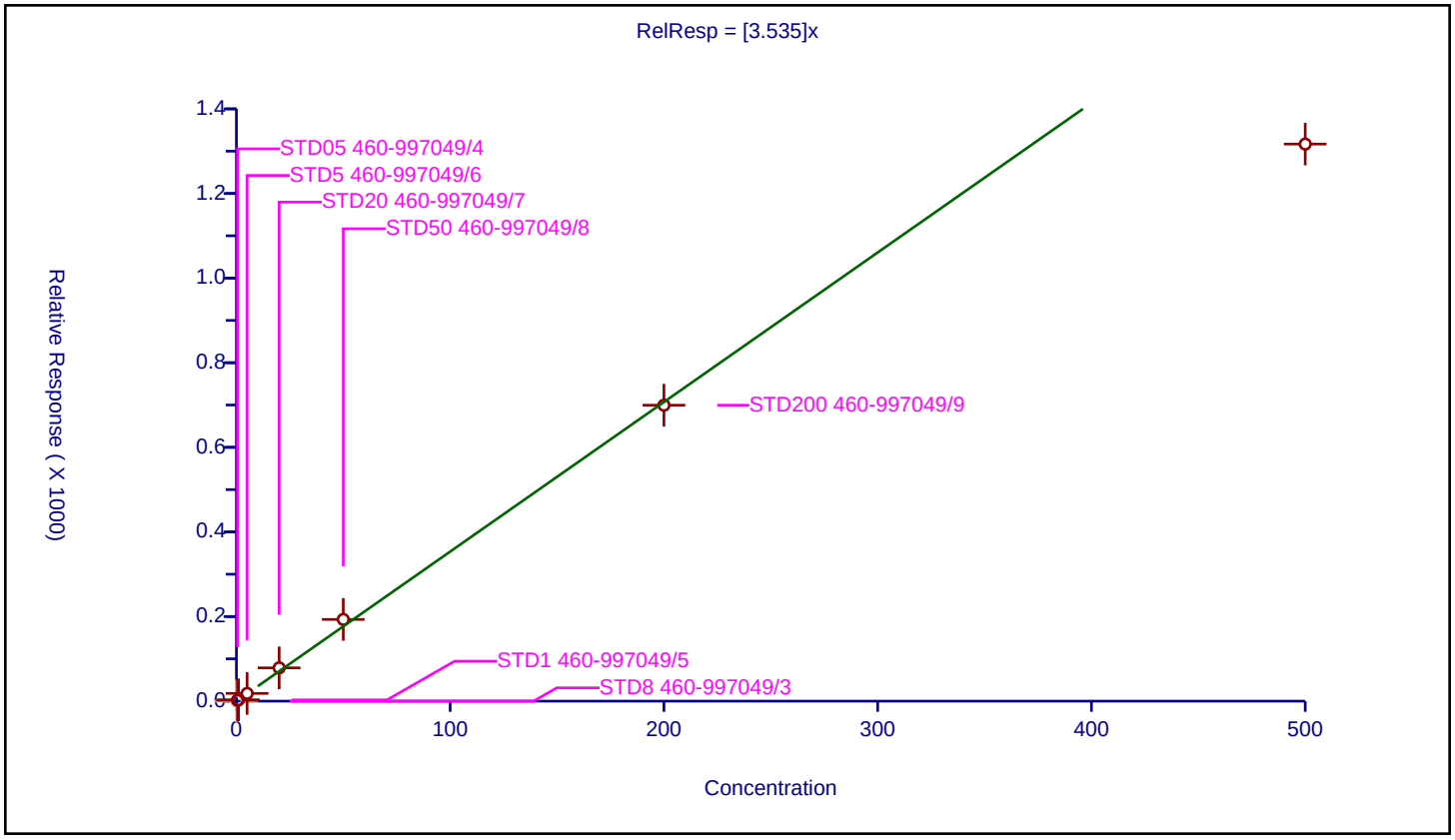
Curve Coefficients

Intercept:	0
Slope:	3.535

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	2.049292	50.0	274119.0	4.098585	Y
3	STD1 460-997049/5	1.0	3.065264	50.0	290497.0	3.065264	Y
4	STD5 460-997049/6	5.0	18.273407	50.0	286159.0	3.654681	Y
5	STD20 460-997049/7	20.0	78.651788	50.0	285237.0	3.932589	Y
6	STD50 460-997049/8	50.0	193.149461	50.0	308421.0	3.862989	Y
7	STD200 460-997049/9	200.0	699.566212	50.0	304181.0	3.497831	Y
8	STD500 460-997049/10	500.0	1316.813725	50.0	311100.0	2.633627	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

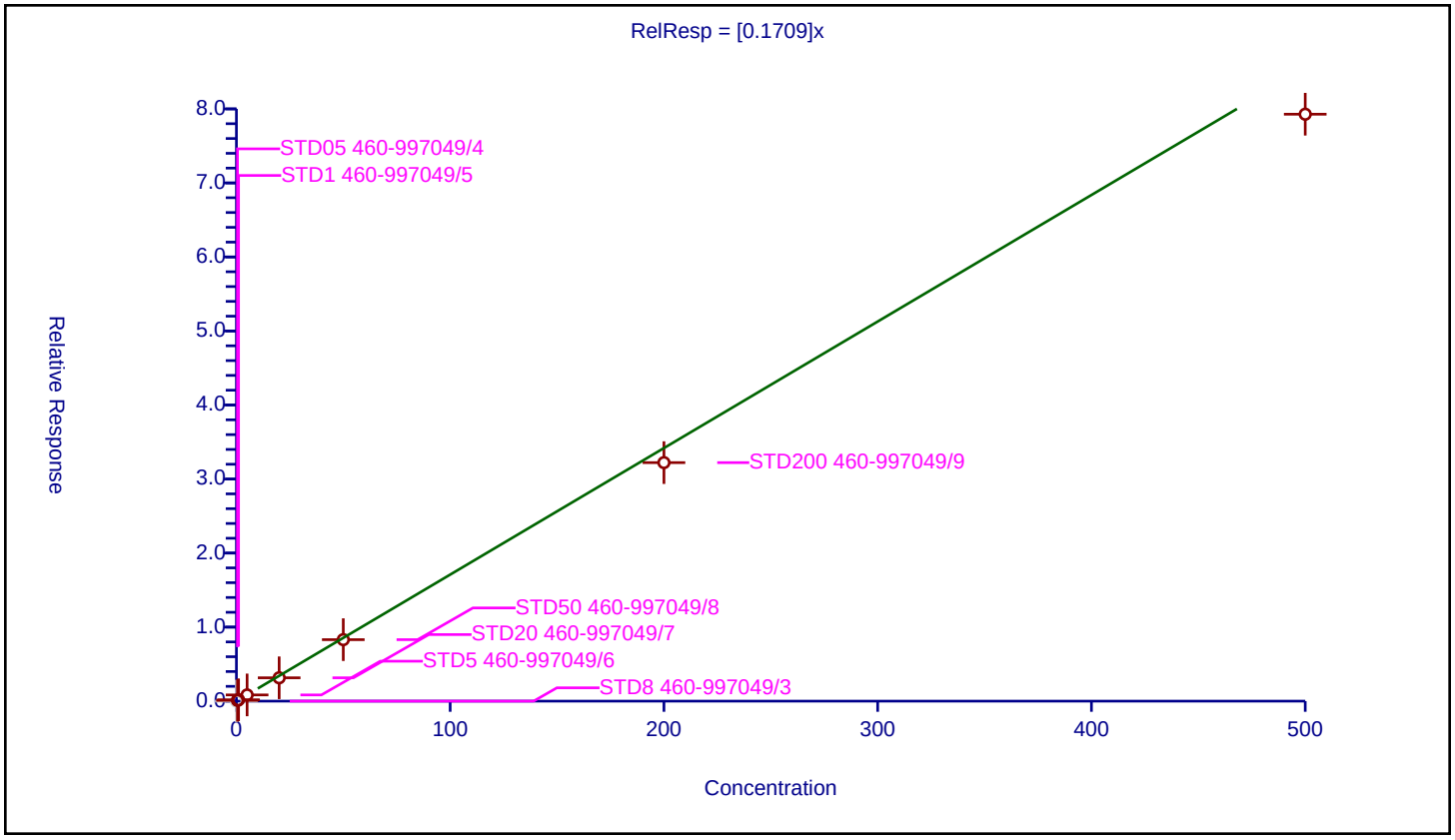
Curve Coefficients

Intercept:	0
Slope:	0.1709

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.104334	50.0	274119.0	0.208668	Y
3	STD1 460-997049/5	1.0	0.176422	50.0	290497.0	0.176422	Y
4	STD5 460-997049/6	5.0	0.839743	50.0	286159.0	0.167949	Y
5	STD20 460-997049/7	20.0	3.15194	50.0	285237.0	0.157597	Y
6	STD50 460-997049/8	50.0	8.306827	50.0	308421.0	0.166137	Y
7	STD200 460-997049/9	200.0	32.220783	50.0	304181.0	0.161104	Y
8	STD500 460-997049/10	500.0	79.280778	50.0	311100.0	0.158562	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

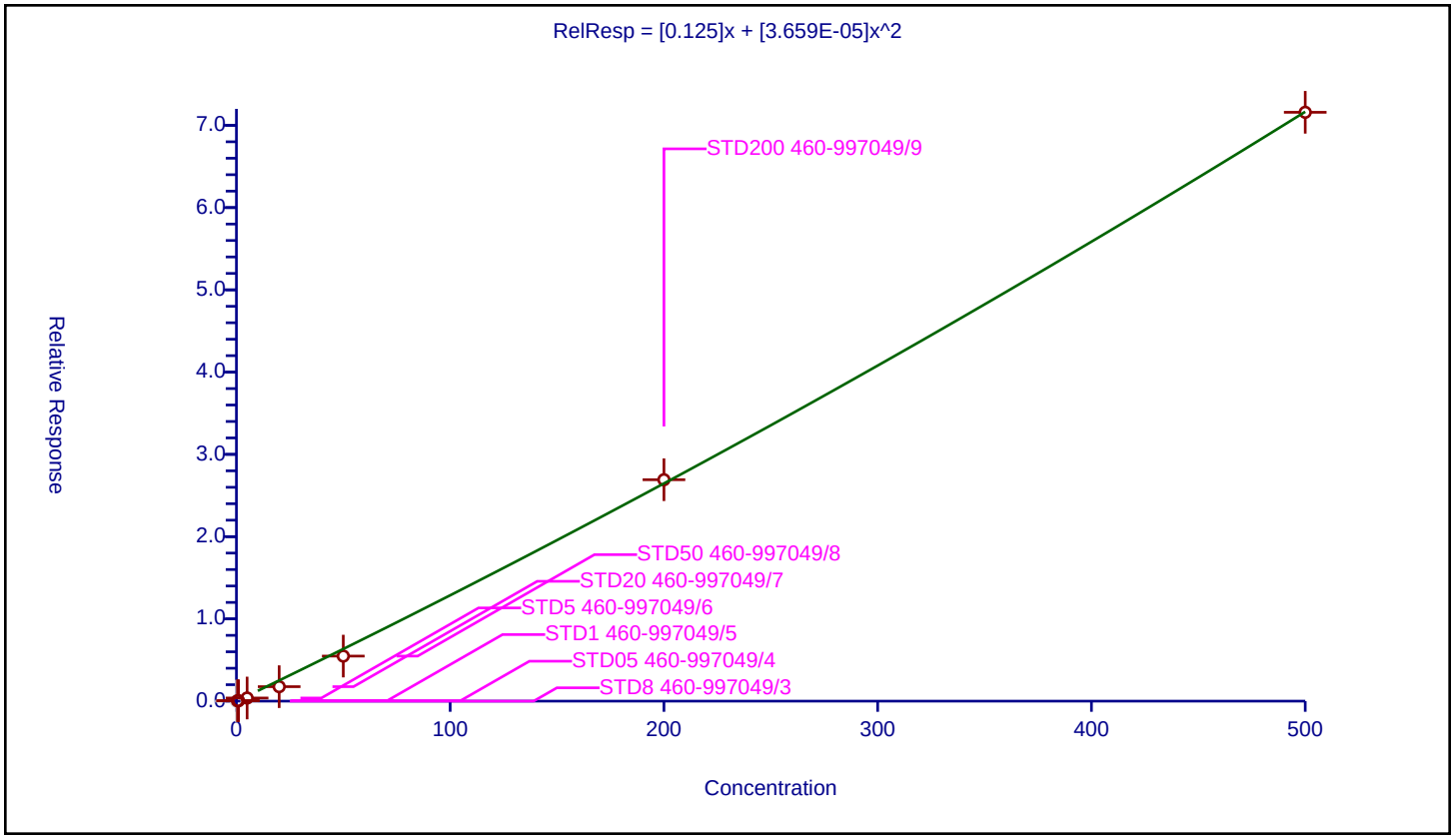
Curve Coefficients

Intercept:	0
Slope:	0.125
Second Order:	3.659E-05

Error Coefficients

Relative Standard Deviation:	36.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.046695	50.0	274119.0	0.09339	Y
3	STD1 460-997049/5	1.0	0.050603	50.0	290497.0	0.050603	Y
4	STD5 460-997049/6	5.0	0.381257	50.0	286159.0	0.076251	Y
5	STD20 460-997049/7	20.0	1.758713	50.0	285237.0	0.087936	Y
6	STD50 460-997049/8	50.0	5.478388	50.0	308421.0	0.109568	Y
7	STD200 460-997049/9	200.0	26.919334	50.0	304181.0	0.134597	Y
8	STD500 460-997049/10	500.0	71.585664	50.0	311100.0	0.143171	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

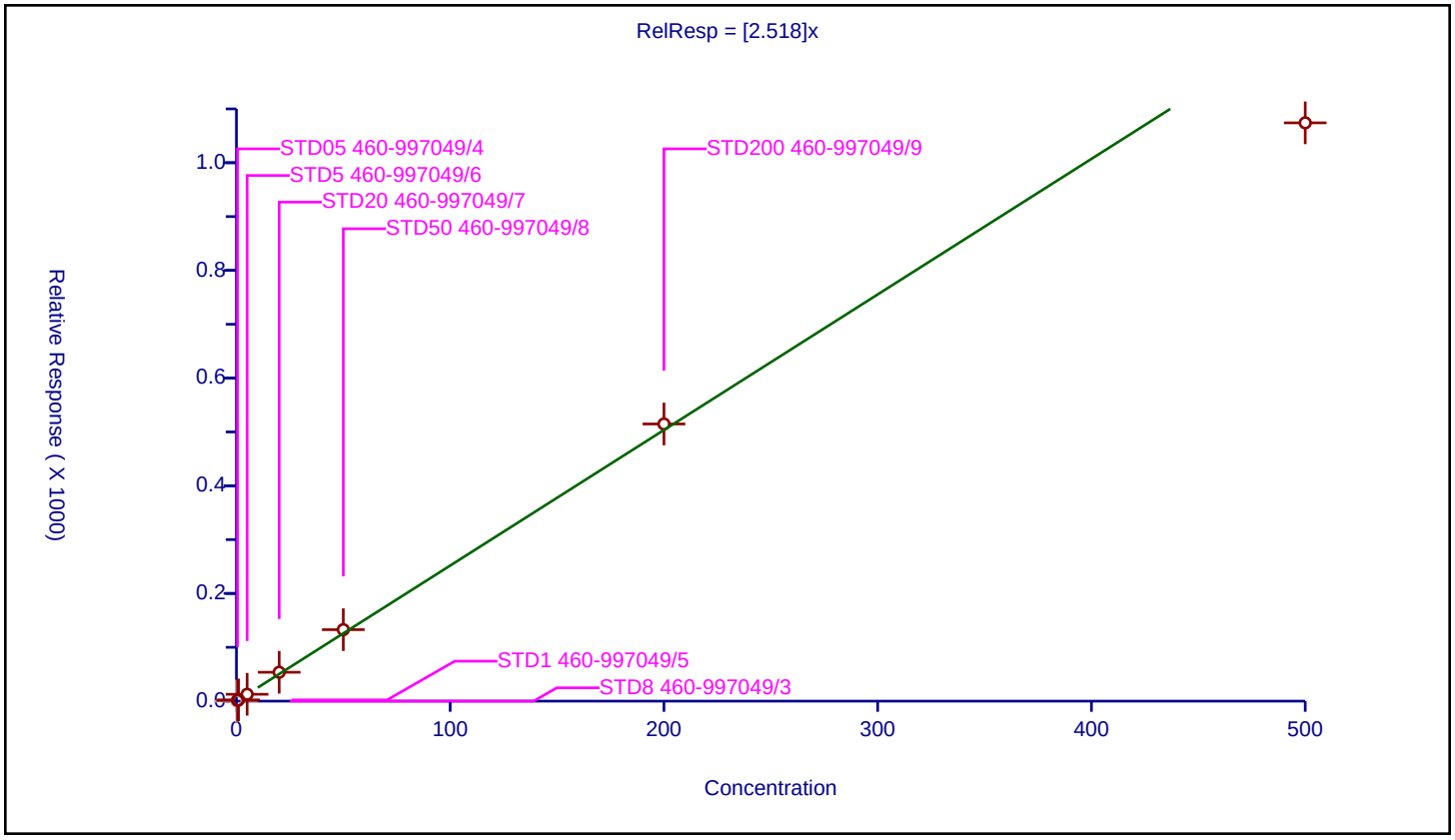
Curve Coefficients

Intercept:	0
Slope:	2.518

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.381699	50.0	274119.0	2.763398	Y
3	STD1 460-997049/5	1.0	2.255273	50.0	290497.0	2.255273	Y
4	STD5 460-997049/6	5.0	12.728763	50.0	286159.0	2.545753	Y
5	STD20 460-997049/7	20.0	53.659588	50.0	285237.0	2.682979	Y
6	STD50 460-997049/8	50.0	132.756362	50.0	308421.0	2.655127	Y
7	STD200 460-997049/9	200.0	514.804672	50.0	304181.0	2.574023	Y
8	STD500 460-997049/10	500.0	1074.059788	50.0	311100.0	2.14812	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

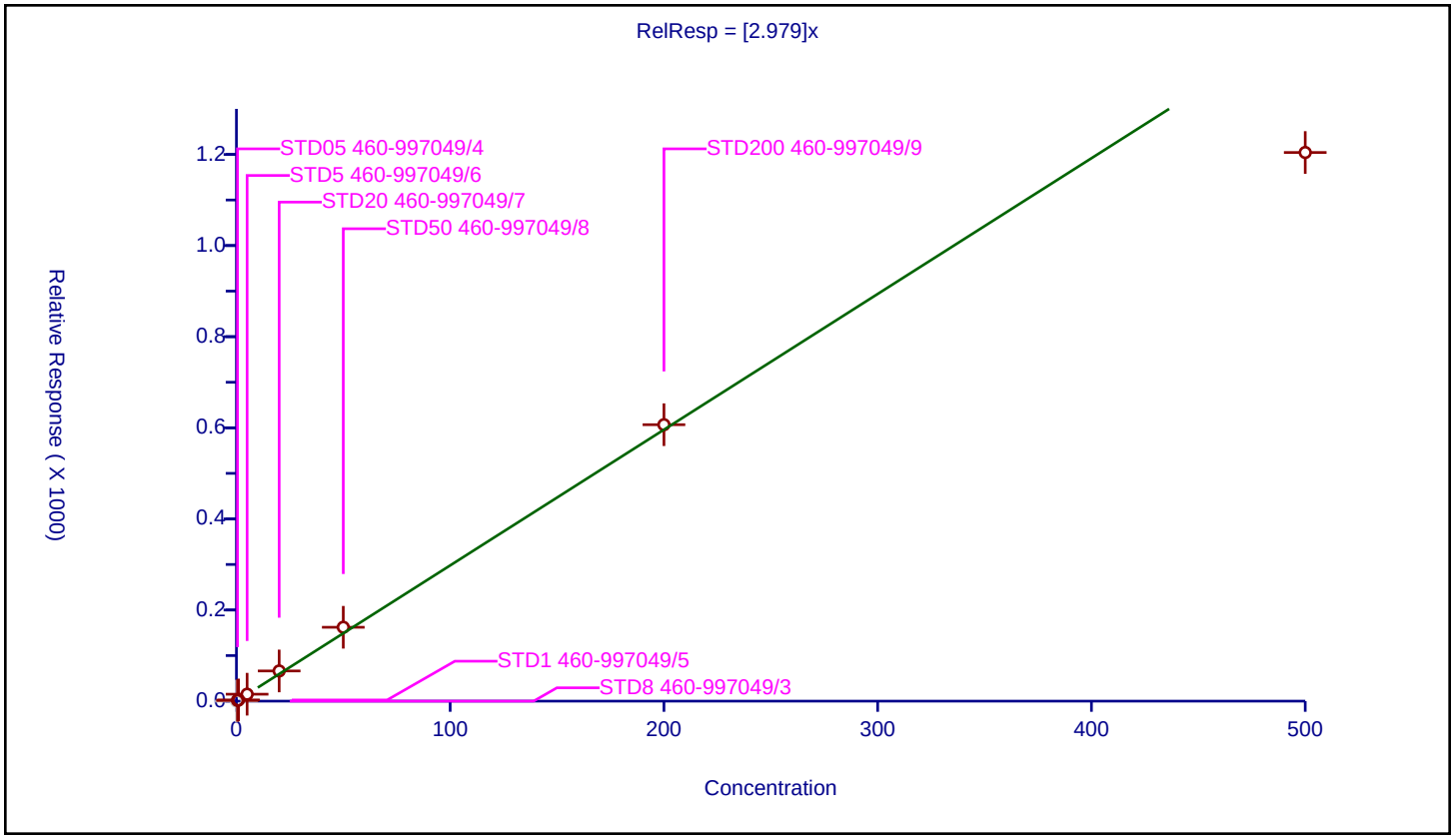
Curve Coefficients

Intercept:	0
Slope:	2.979

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.627578	50.0	274119.0	3.255156	Y
3	STD1 460-997049/5	1.0	2.551145	50.0	290497.0	2.551145	Y
4	STD5 460-997049/6	5.0	15.249914	50.0	286159.0	3.049983	Y
5	STD20 460-997049/7	20.0	66.254553	50.0	285237.0	3.312728	Y
6	STD50 460-997049/8	50.0	162.152383	50.0	308421.0	3.243048	Y
7	STD200 460-997049/9	200.0	606.79431	50.0	304181.0	3.033972	Y
8	STD500 460-997049/10	500.0	1204.286082	50.0	311100.0	2.408572	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

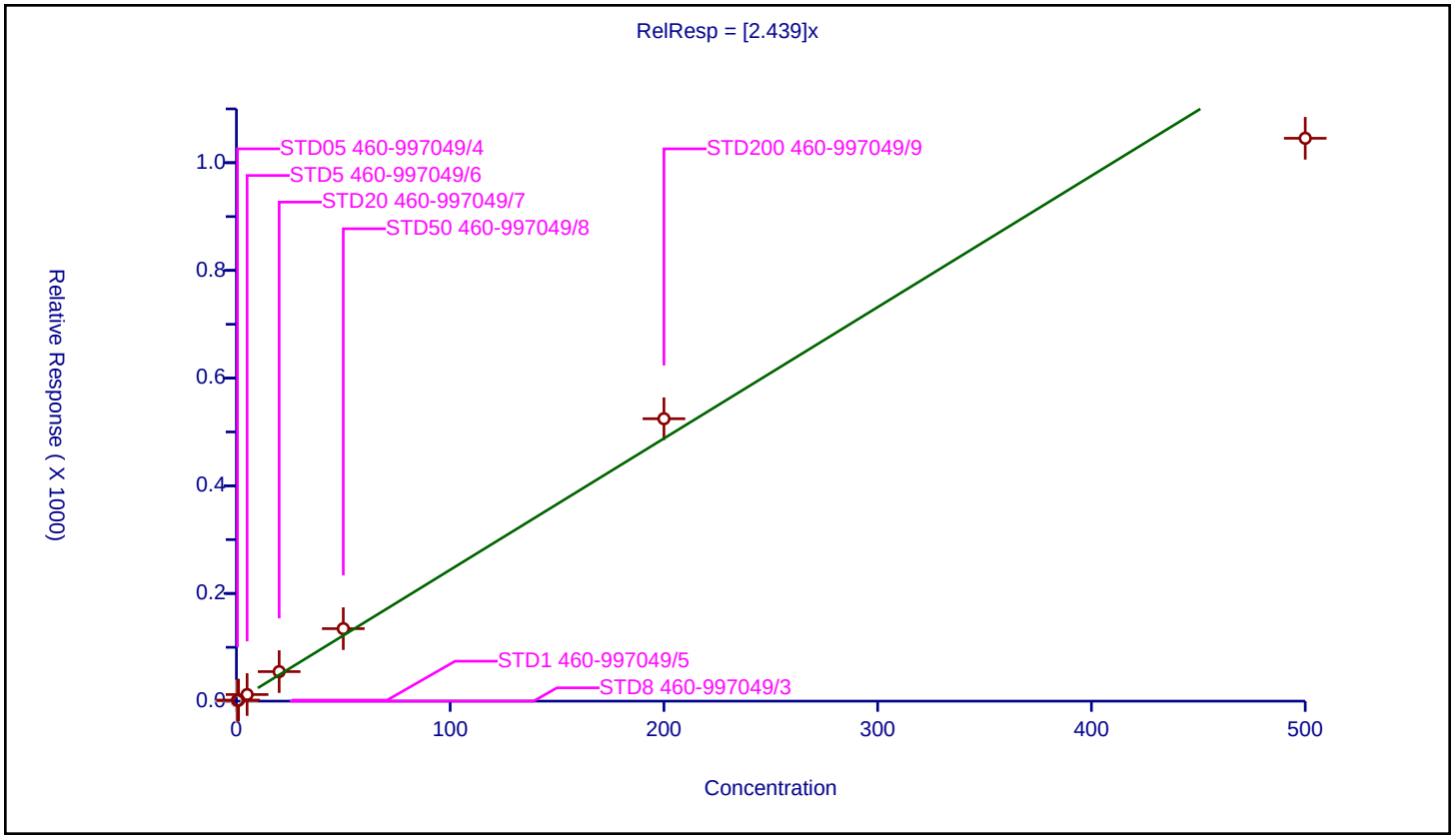
Curve Coefficients

Intercept:	0
Slope:	2.439

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.289404	50.0	274119.0	2.578807	Y
3	STD1 460-997049/5	1.0	1.901397	50.0	290497.0	1.901397	Y
4	STD5 460-997049/6	5.0	12.233583	50.0	286159.0	2.446717	Y
5	STD20 460-997049/7	20.0	54.845444	50.0	285237.0	2.742272	Y
6	STD50 460-997049/8	50.0	134.611294	50.0	308421.0	2.692226	Y
7	STD200 460-997049/9	200.0	524.555281	50.0	304181.0	2.622776	Y
8	STD500 460-997049/10	500.0	1045.455802	50.0	311100.0	2.090912	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

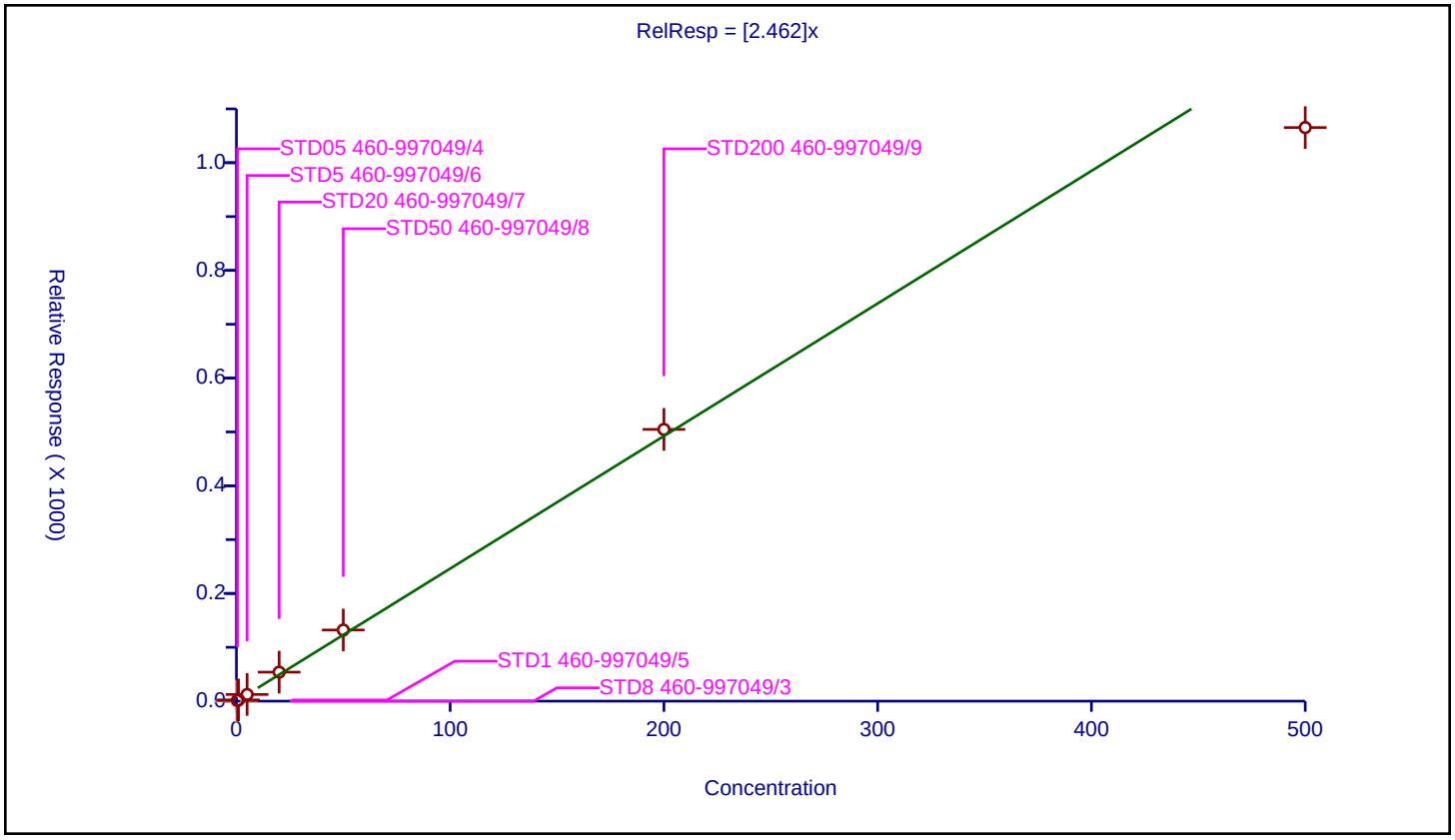
Curve Coefficients

Intercept:	0
Slope:	2.462

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.286485	50.0	274119.0	2.57297	Y
3	STD1 460-997049/5	1.0	2.190728	50.0	290497.0	2.190728	Y
4	STD5 460-997049/6	5.0	12.410408	50.0	286159.0	2.482082	Y
5	STD20 460-997049/7	20.0	53.838387	50.0	285237.0	2.691919	Y
6	STD50 460-997049/8	50.0	132.09736	50.0	308421.0	2.641947	Y
7	STD200 460-997049/9	200.0	504.72038	50.0	304181.0	2.523602	Y
8	STD500 460-997049/10	500.0	1065.34378	50.0	311100.0	2.130688	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

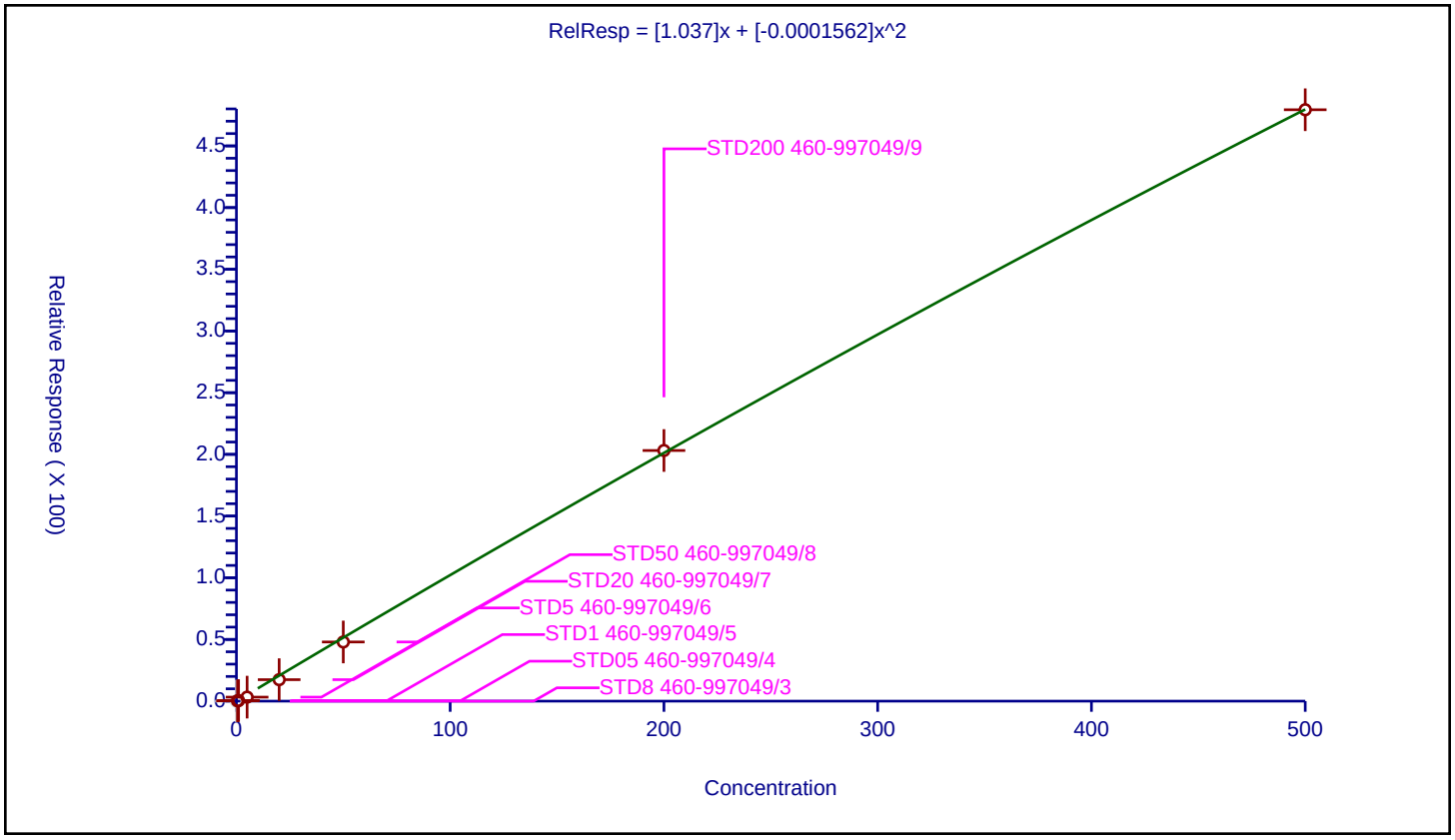
Curve Coefficients

Intercept:	0
Slope:	1.037
Second Order:	-0.0001562

Error Coefficients

Relative Standard Deviation:	38.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.271233	50.0	274119.0	0.542465	Y
3	STD1 460-997049/5	1.0	0.442001	50.0	290497.0	0.442001	Y
4	STD5 460-997049/6	5.0	3.258328	50.0	286159.0	0.651666	Y
5	STD20 460-997049/7	20.0	17.408506	50.0	285237.0	0.870425	Y
6	STD50 460-997049/8	50.0	47.943071	50.0	308421.0	0.958861	Y
7	STD200 460-997049/9	200.0	203.135797	50.0	304181.0	1.015679	Y
8	STD500 460-997049/10	500.0	479.315011	50.0	311100.0	0.95863	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

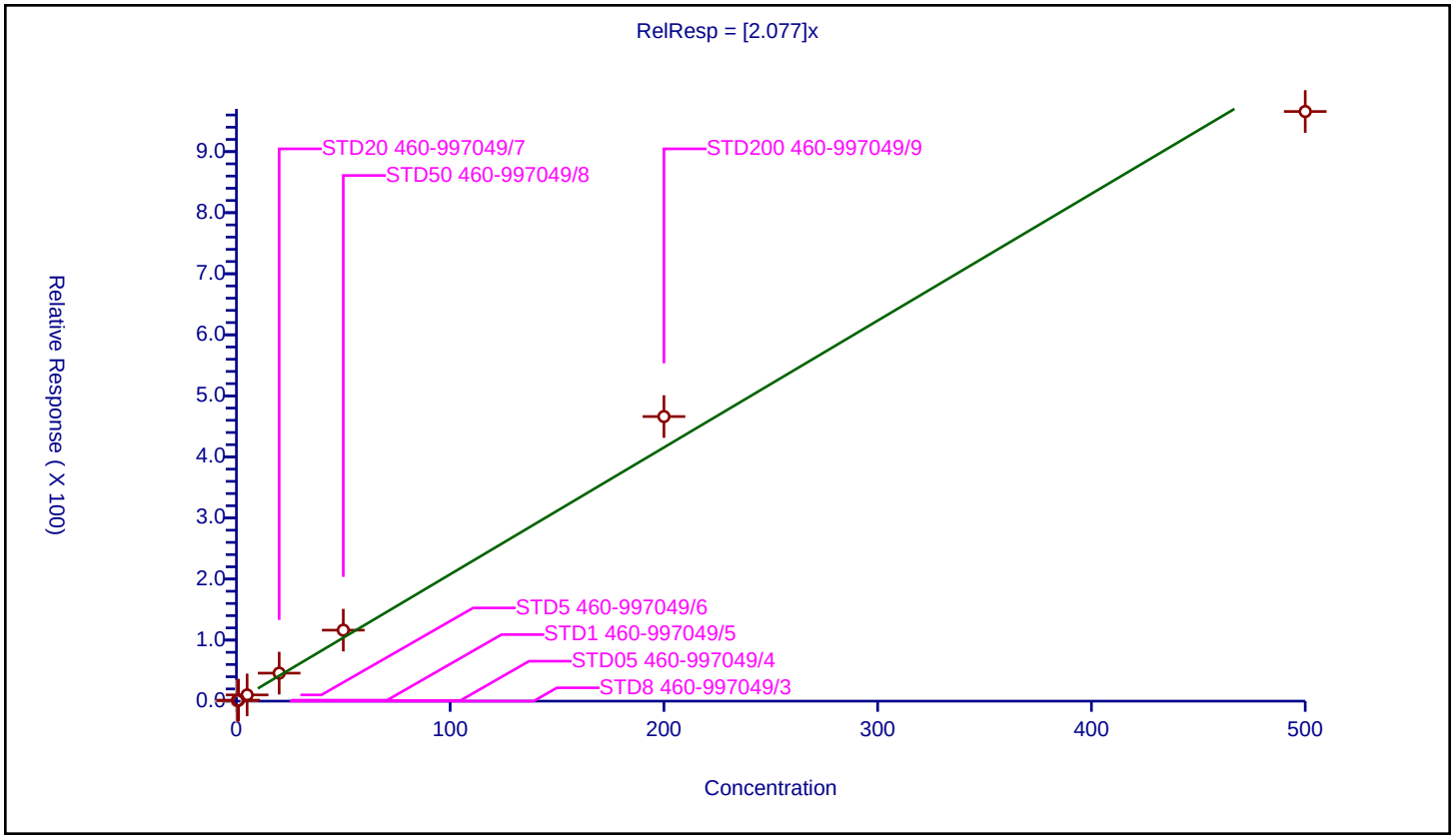
Curve Coefficients

Intercept:	0
Slope:	2.077

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.002484	50.0	274119.0	2.004969	Y
3	STD1 460-997049/5	1.0	1.618261	50.0	290497.0	1.618261	Y
4	STD5 460-997049/6	5.0	10.191886	50.0	286159.0	2.038377	Y
5	STD20 460-997049/7	20.0	45.862563	50.0	285237.0	2.293128	Y
6	STD50 460-997049/8	50.0	116.281965	50.0	308421.0	2.325639	Y
7	STD200 460-997049/9	200.0	466.117706	50.0	304181.0	2.330589	Y
8	STD500 460-997049/10	500.0	965.726615	50.0	311100.0	1.931453	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

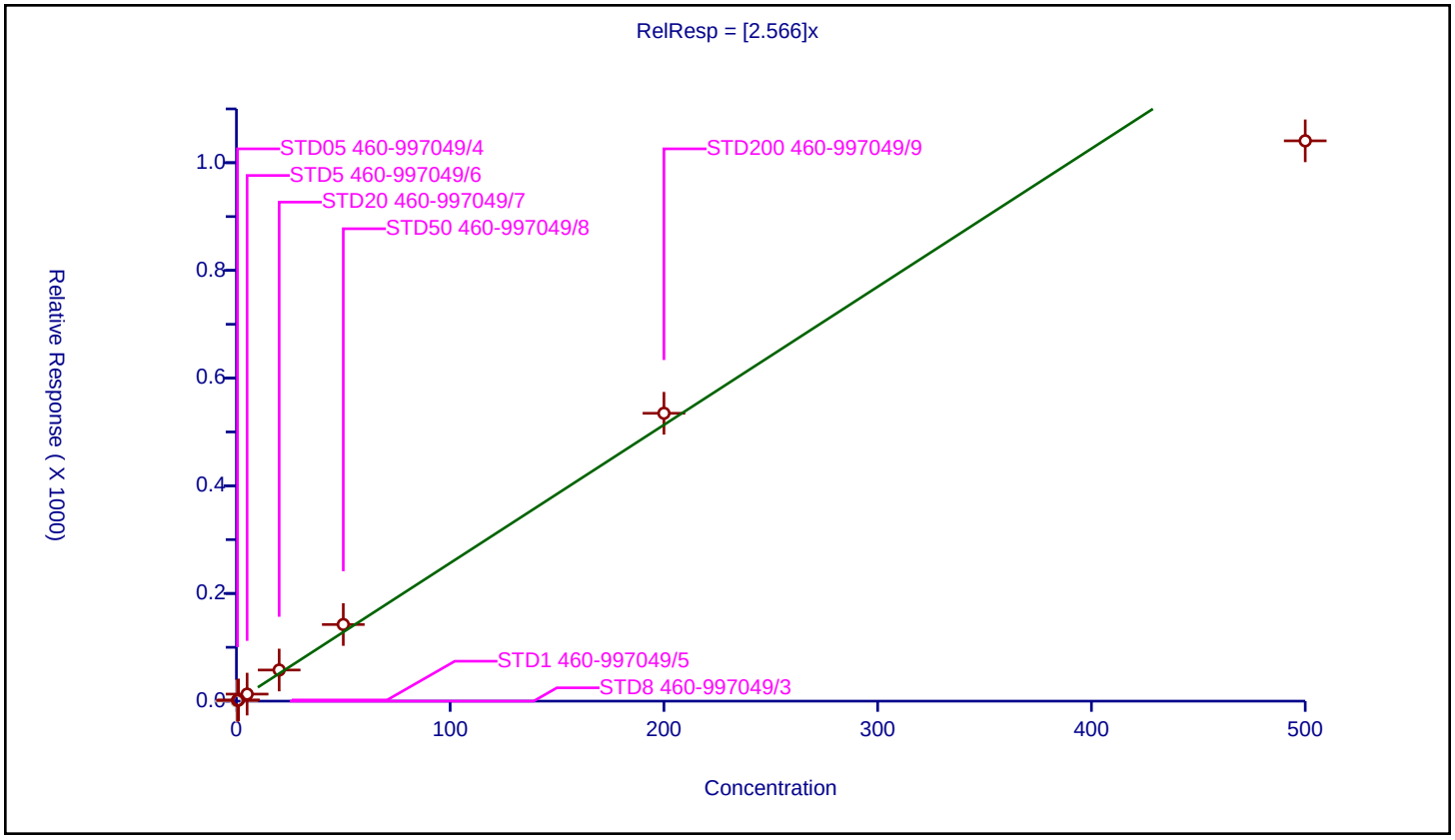
Curve Coefficients

Intercept:	0
Slope:	2.566

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.330809	50.0	274119.0	2.661618	Y
3	STD1 460-997049/5	1.0	2.187114	50.0	290497.0	2.187114	Y
4	STD5 460-997049/6	5.0	13.086606	50.0	286159.0	2.617321	Y
5	STD20 460-997049/7	20.0	57.824896	50.0	285237.0	2.891245	Y
6	STD50 460-997049/8	50.0	142.348122	50.0	308421.0	2.846962	Y
7	STD200 460-997049/9	200.0	534.688228	50.0	304181.0	2.673441	Y
8	STD500 460-997049/10	500.0	1040.685149	50.0	311100.0	2.08137	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

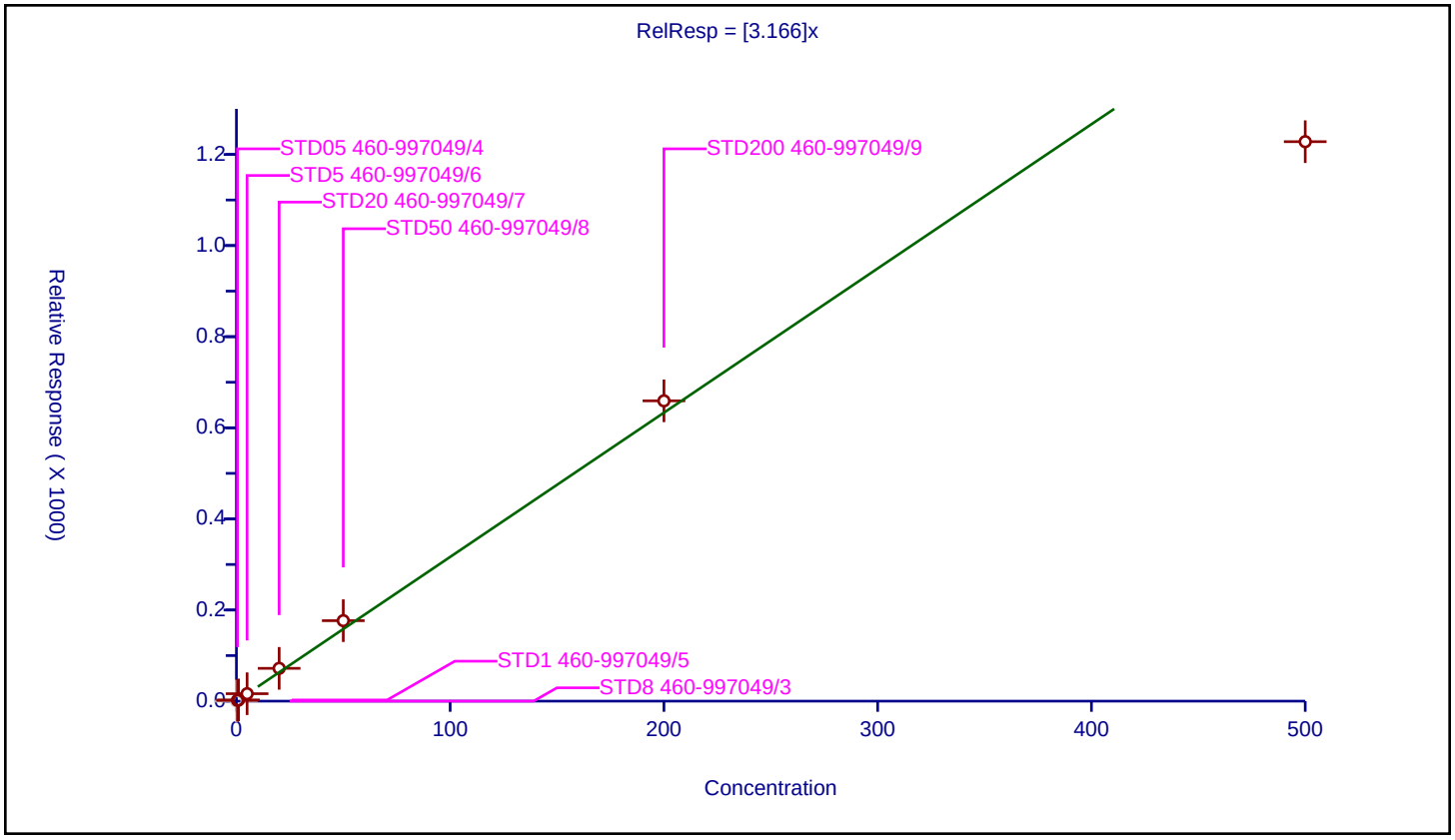
Curve Coefficients

Intercept:	0
Slope:	3.166

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.717502	50.0	274119.0	3.435005	Y
3	STD1 460-997049/5	1.0	2.567324	50.0	290497.0	2.567324	Y
4	STD5 460-997049/6	5.0	16.364853	50.0	286159.0	3.272971	Y
5	STD20 460-997049/7	20.0	72.003983	50.0	285237.0	3.600199	Y
6	STD50 460-997049/8	50.0	176.642317	50.0	308421.0	3.532846	Y
7	STD200 460-997049/9	200.0	659.166089	50.0	304181.0	3.29583	Y
8	STD500 460-997049/10	500.0	1228.012375	50.0	311100.0	2.456025	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

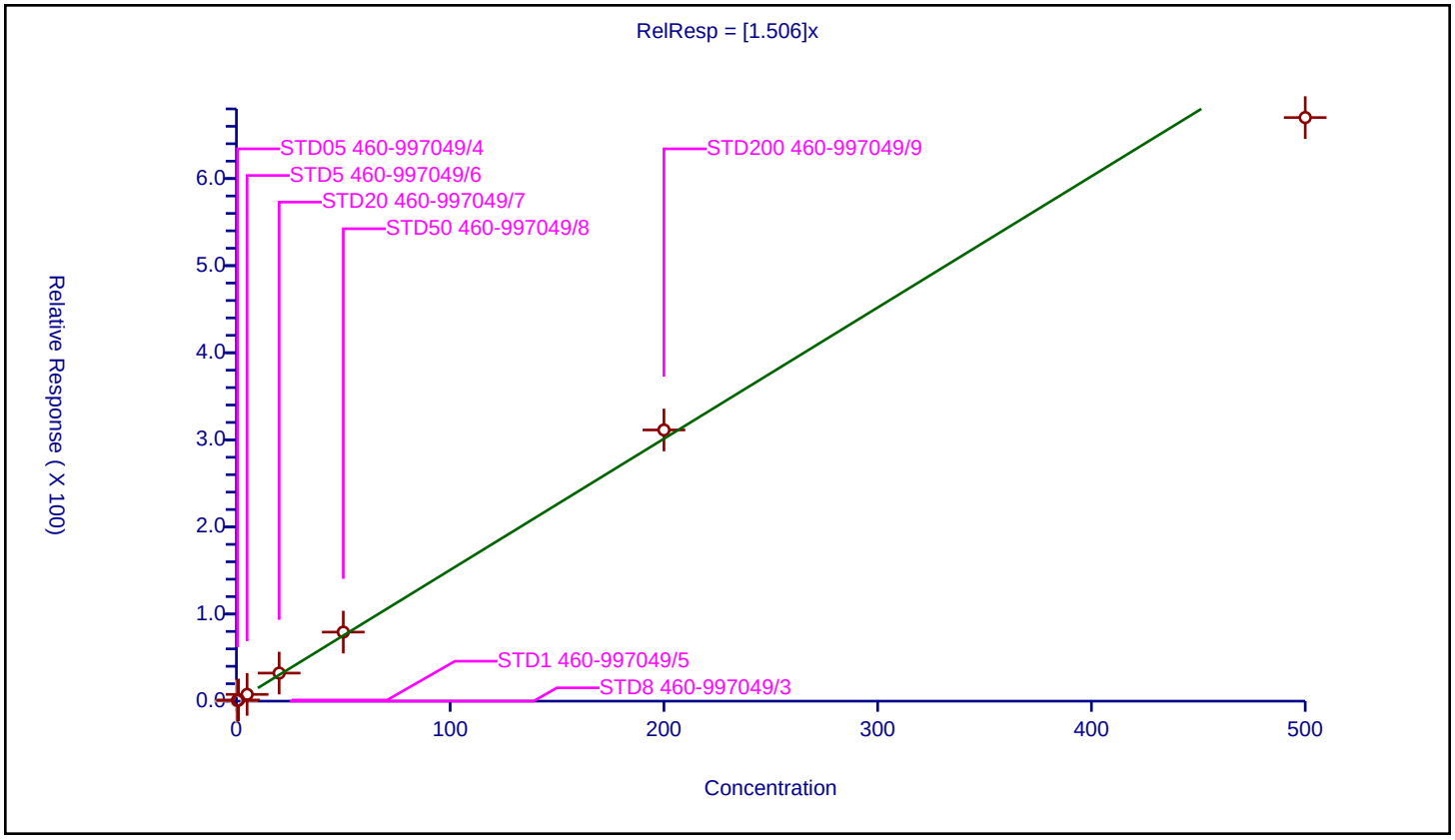
Curve Coefficients

Intercept:	0
Slope:	1.506

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.801294	50.0	274119.0	1.602589	Y
3	STD1 460-997049/5	1.0	1.302595	50.0	290497.0	1.302595	Y
4	STD5 460-997049/6	5.0	7.736957	50.0	286159.0	1.547391	Y
5	STD20 460-997049/7	20.0	32.202169	50.0	285237.0	1.610108	Y
6	STD50 460-997049/8	50.0	79.269083	50.0	308421.0	1.585382	Y
7	STD200 460-997049/9	200.0	311.367081	50.0	304181.0	1.556835	Y
8	STD500 460-997049/10	500.0	670.02668	50.0	311100.0	1.340053	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

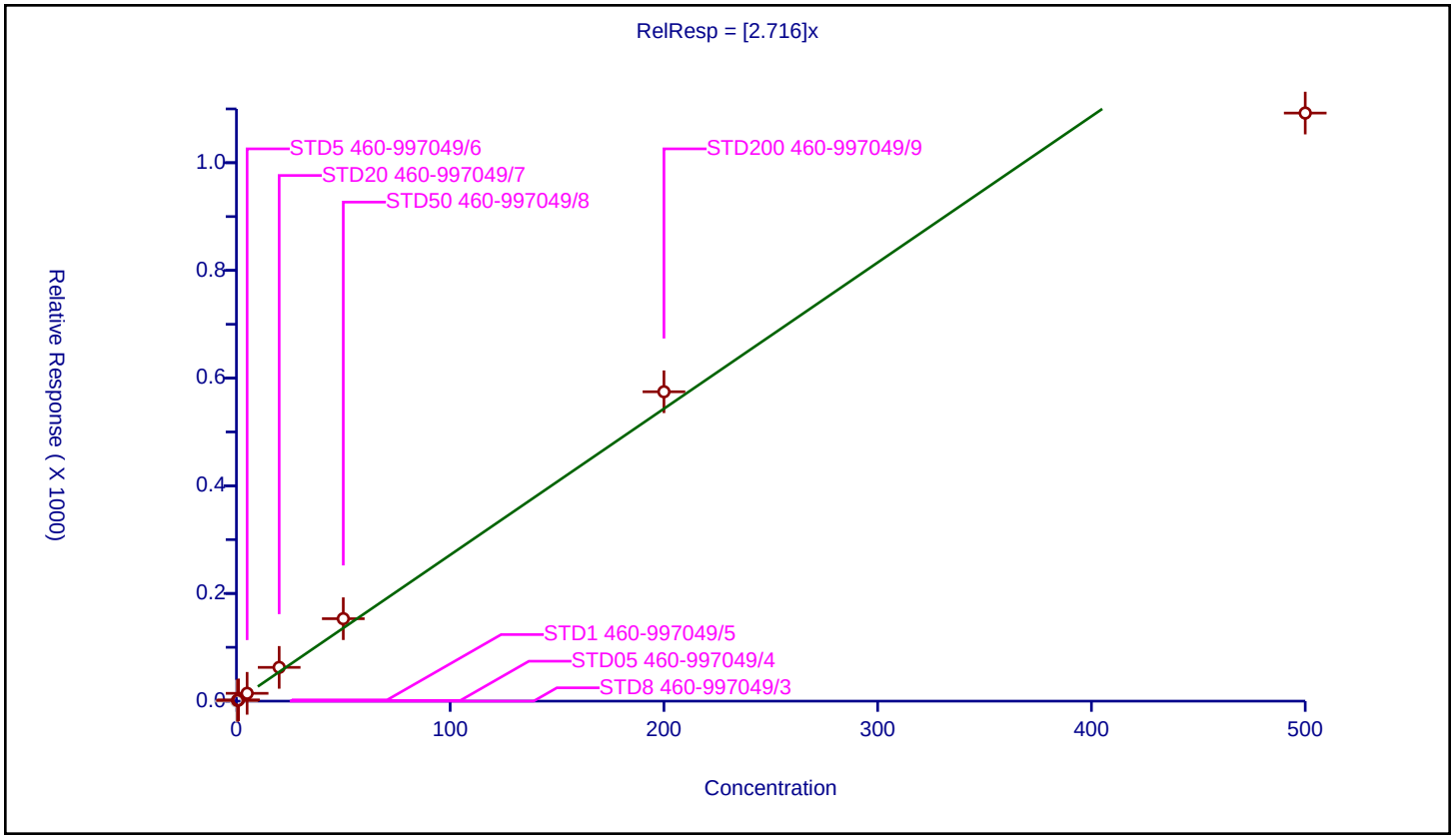
Curve Coefficients

Intercept:	0
Slope:	2.716

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.287032	50.0	274119.0	2.574065	Y
3	STD1 460-997049/5	1.0	2.276271	50.0	290497.0	2.276271	Y
4	STD5 460-997049/6	5.0	14.518677	50.0	286159.0	2.903735	Y
5	STD20 460-997049/7	20.0	62.69979	50.0	285237.0	3.134989	Y
6	STD50 460-997049/8	50.0	153.116519	50.0	308421.0	3.06233	Y
7	STD200 460-997049/9	200.0	574.648318	50.0	304181.0	2.873242	Y
8	STD500 460-997049/10	500.0	1092.293957	50.0	311100.0	2.184588	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

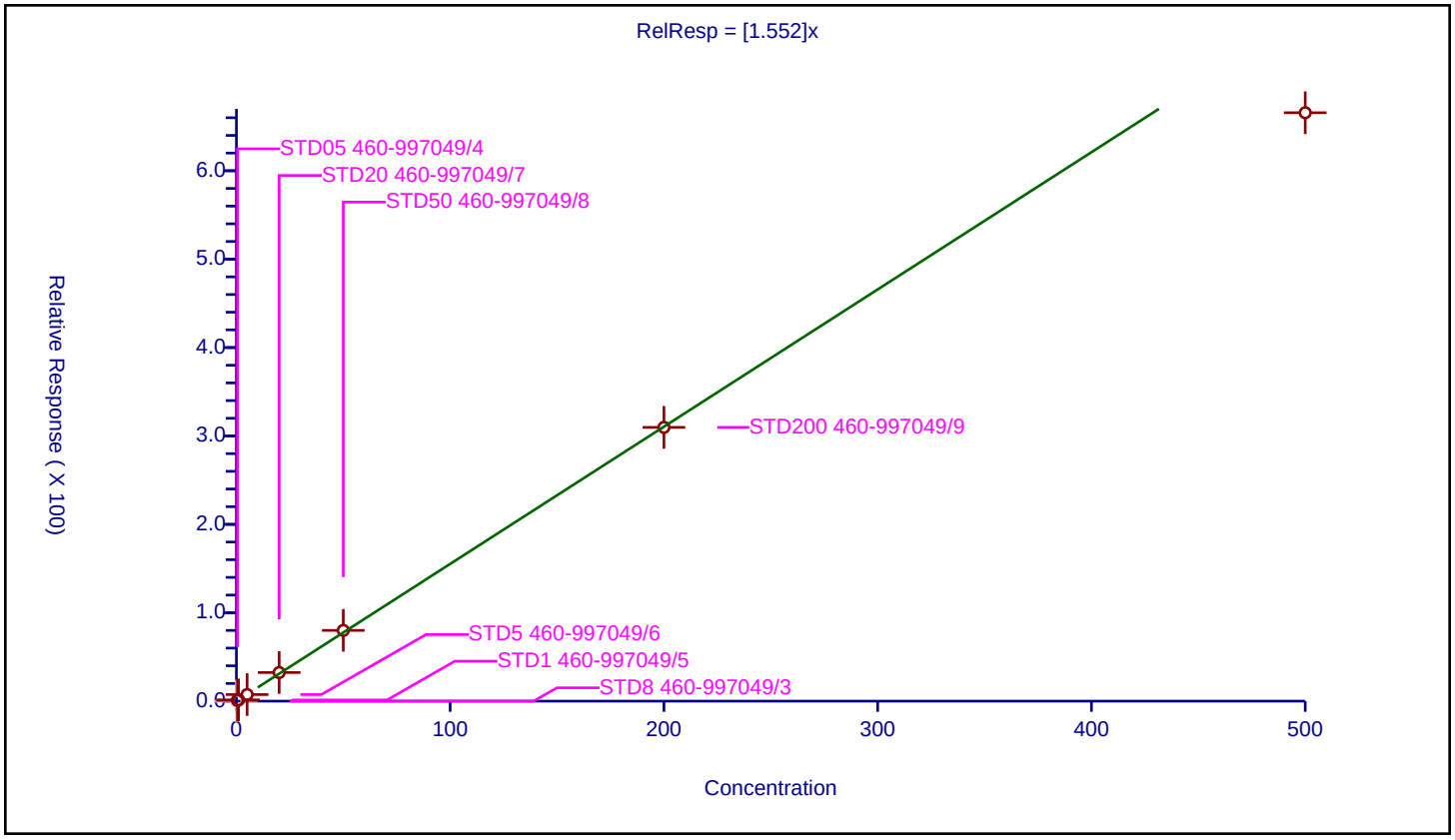
Curve Coefficients

Intercept:	0
Slope:	1.552

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.960714	50.0	274119.0	1.921428	Y
3	STD1 460-997049/5	1.0	1.35251	50.0	290497.0	1.35251	Y
4	STD5 460-997049/6	5.0	7.471021	50.0	286159.0	1.494204	Y
5	STD20 460-997049/7	20.0	32.376059	50.0	285237.0	1.618803	Y
6	STD50 460-997049/8	50.0	80.0273	50.0	308421.0	1.600546	Y
7	STD200 460-997049/9	200.0	309.697844	50.0	304181.0	1.548489	Y
8	STD500 460-997049/10	500.0	665.630665	50.0	311100.0	1.331261	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

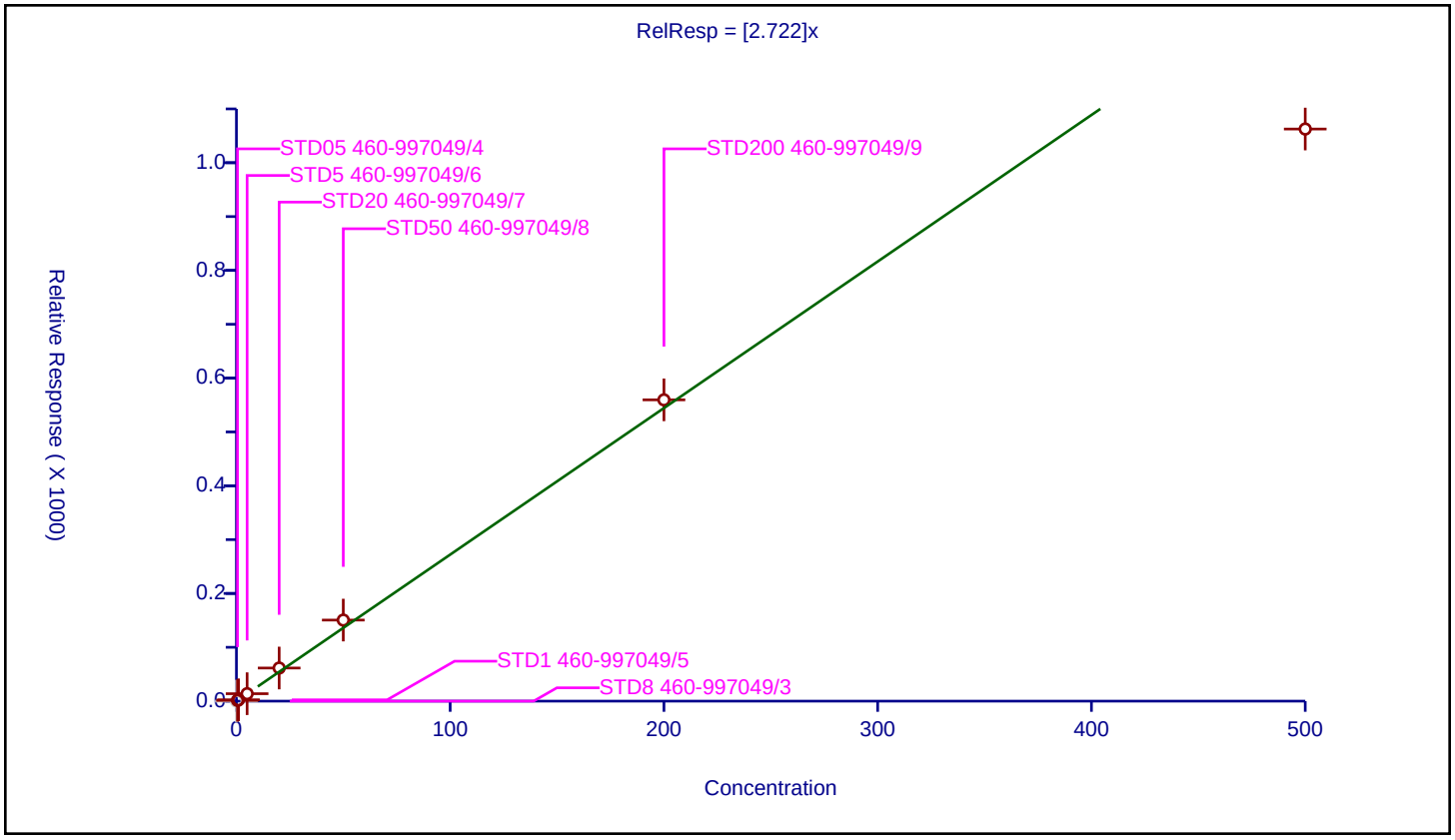
Curve Coefficients

Intercept:	0
Slope:	2.722

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.406141	50.0	274119.0	2.812282	Y
3	STD1 460-997049/5	1.0	2.461299	50.0	290497.0	2.461299	Y
4	STD5 460-997049/6	5.0	13.846498	50.0	286159.0	2.7693	Y
5	STD20 460-997049/7	20.0	61.489042	50.0	285237.0	3.074452	Y
6	STD50 460-997049/8	50.0	150.554923	50.0	308421.0	3.011098	Y
7	STD200 460-997049/9	200.0	559.585904	50.0	304181.0	2.79793	Y
8	STD500 460-997049/10	500.0	1062.622951	50.0	311100.0	2.125246	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

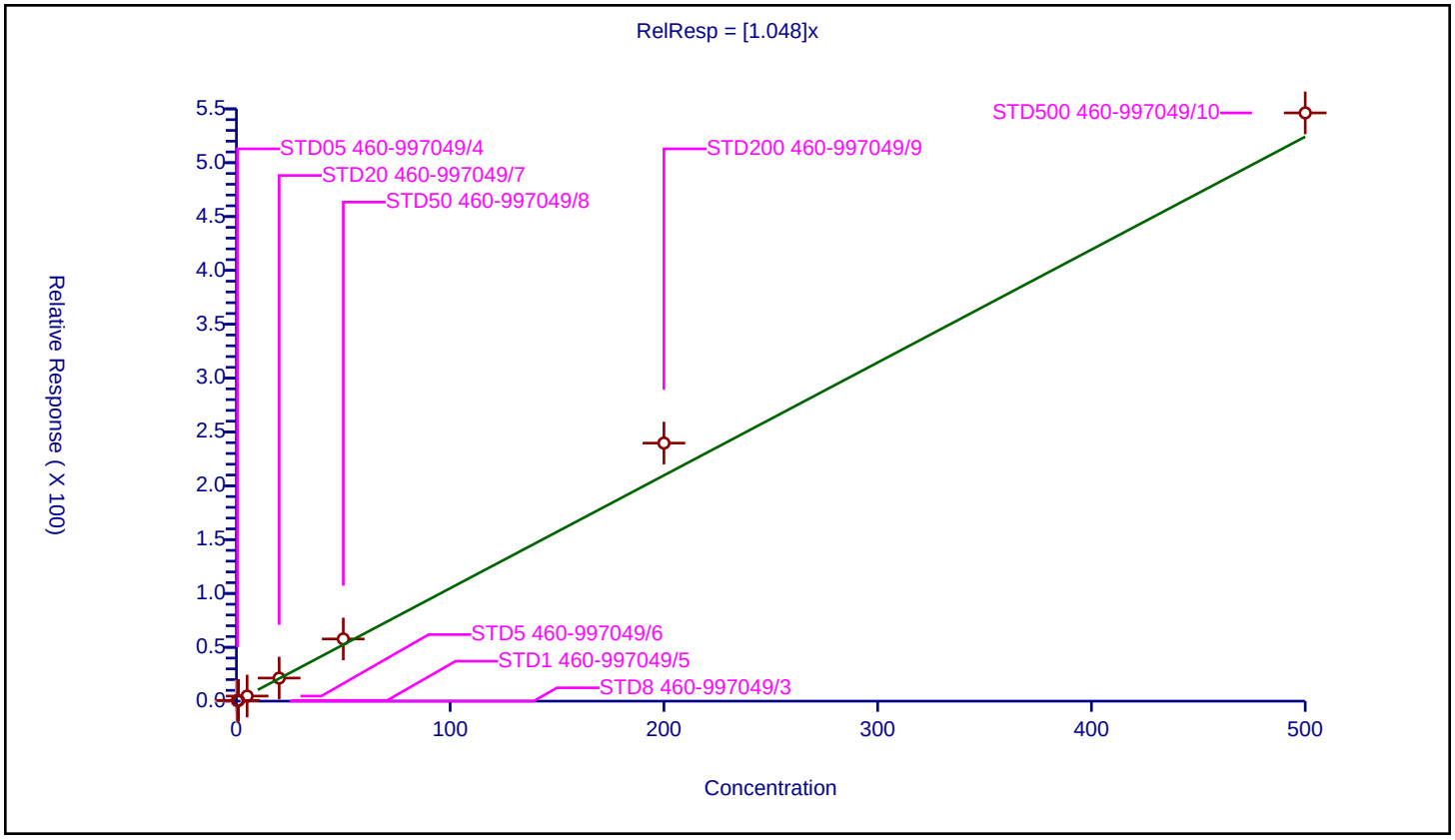
Curve Coefficients

Intercept:	0
Slope:	1.048

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.578216	50.0	274119.0	1.156432	Y
3	STD1 460-997049/5	1.0	0.714637	50.0	290497.0	0.714637	Y
4	STD5 460-997049/6	5.0	4.747011	50.0	286159.0	0.949402	Y
5	STD20 460-997049/7	20.0	21.437261	50.0	285237.0	1.071863	Y
6	STD50 460-997049/8	50.0	57.745906	50.0	308421.0	1.154918	Y
7	STD200 460-997049/9	200.0	239.642515	50.0	304181.0	1.198213	Y
8	STD500 460-997049/10	500.0	546.26342	50.0	311100.0	1.092527	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

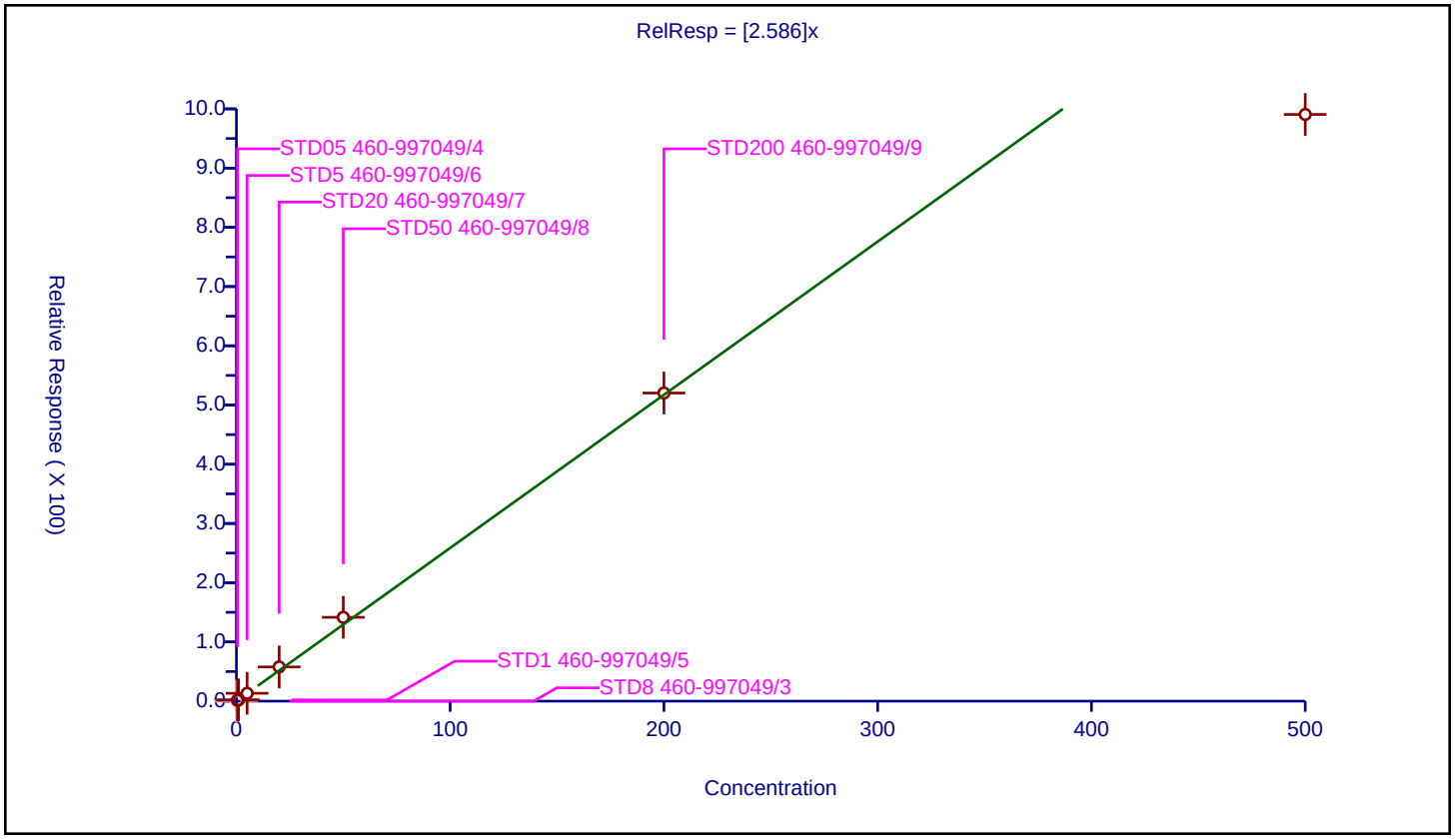
Curve Coefficients

Intercept:	0
Slope:	2.586

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.485121	50.0	274119.0	2.970243	Y
3	STD1 460-997049/5	1.0	2.175065	50.0	290497.0	2.175065	Y
4	STD5 460-997049/6	5.0	13.285621	50.0	286159.0	2.657124	Y
5	STD20 460-997049/7	20.0	57.770731	50.0	285237.0	2.888537	Y
6	STD50 460-997049/8	50.0	141.554888	50.0	308421.0	2.831098	Y
7	STD200 460-997049/9	200.0	520.267374	50.0	304181.0	2.601337	Y
8	STD500 460-997049/10	500.0	990.581003	50.0	311100.0	1.981162	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

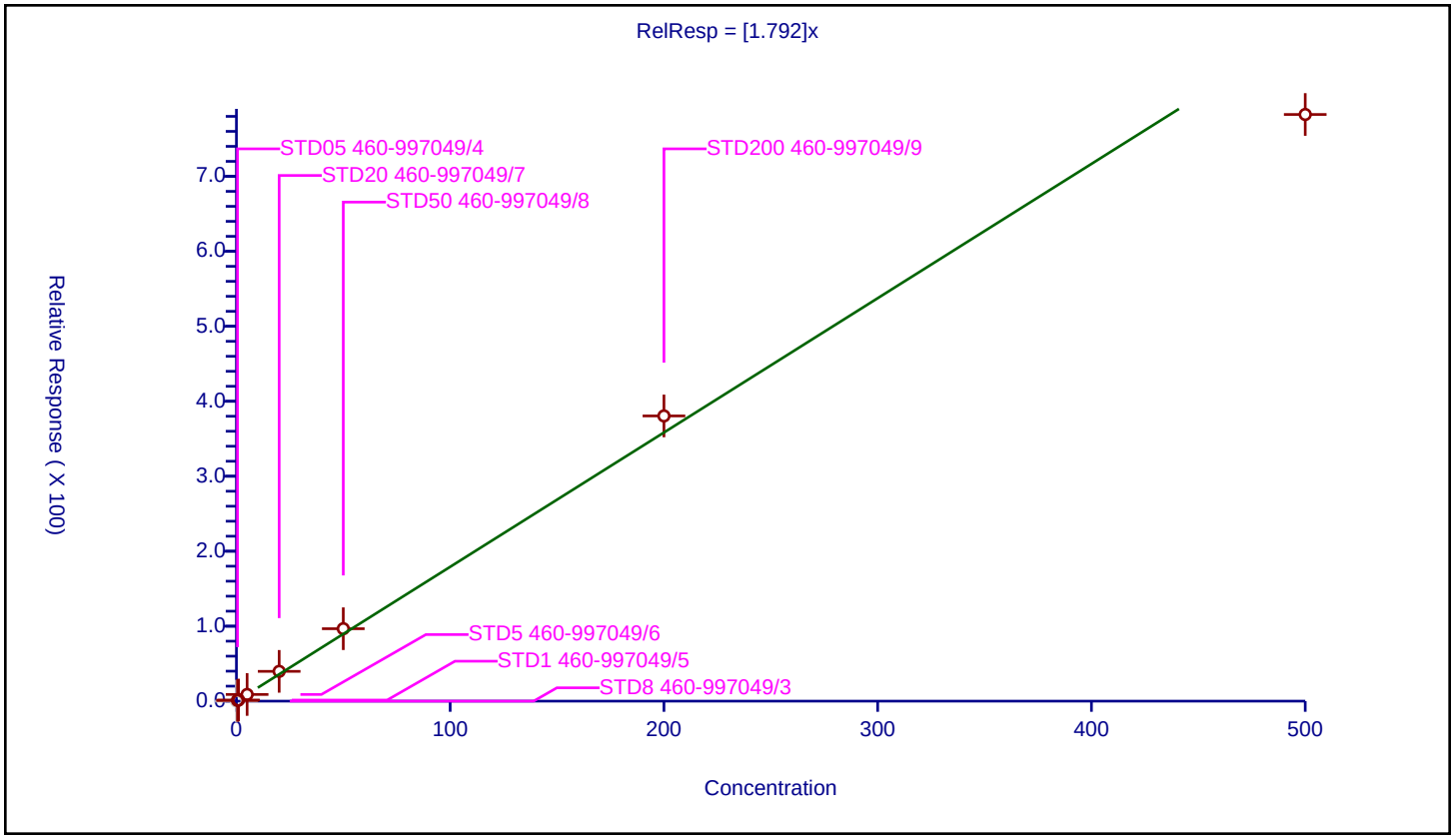
Curve Coefficients

Intercept:	0
Slope:	1.792

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.96345	50.0	274119.0	1.9269	Y
3	STD1 460-997049/5	1.0	1.444421	50.0	290497.0	1.444421	Y
4	STD5 460-997049/6	5.0	8.915323	50.0	286159.0	1.783065	Y
5	STD20 460-997049/7	20.0	39.753083	50.0	285237.0	1.987654	Y
6	STD50 460-997049/8	50.0	96.6061	50.0	308421.0	1.932122	Y
7	STD200 460-997049/9	200.0	380.425963	50.0	304181.0	1.90213	Y
8	STD500 460-997049/10	500.0	782.545966	50.0	311100.0	1.565092	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

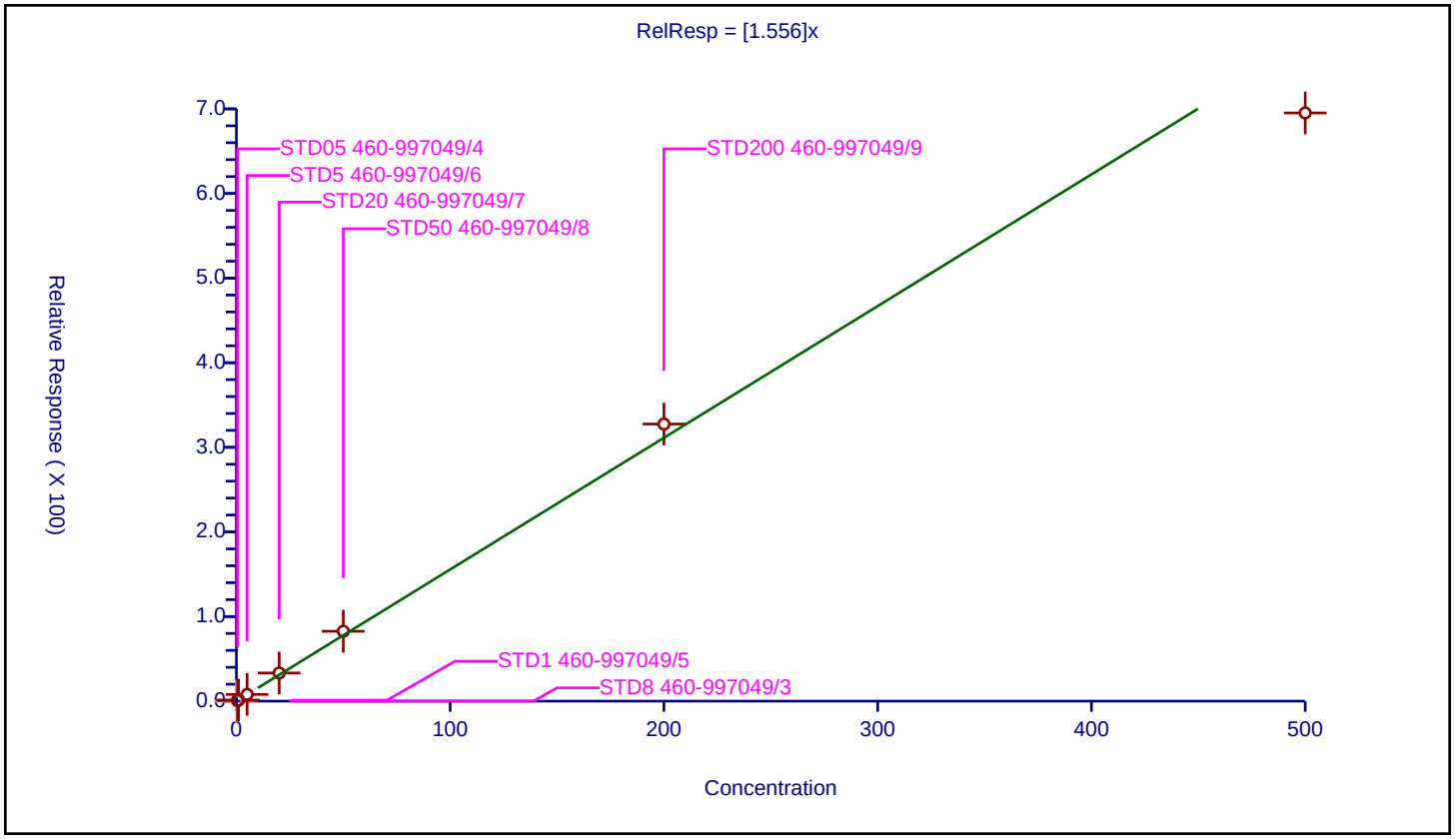
Curve Coefficients

Intercept:	0
Slope:	1.556

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.877903	50.0	274119.0	1.755807	Y
3	STD1 460-997049/5	1.0	1.207586	50.0	290497.0	1.207586	Y
4	STD5 460-997049/6	5.0	7.939991	50.0	286159.0	1.587998	Y
5	STD20 460-997049/7	20.0	33.276188	50.0	285237.0	1.663809	Y
6	STD50 460-997049/8	50.0	82.574144	50.0	308421.0	1.651483	Y
7	STD200 460-997049/9	200.0	327.519963	50.0	304181.0	1.6376	Y
8	STD500 460-997049/10	500.0	695.215204	50.0	311100.0	1.39043	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

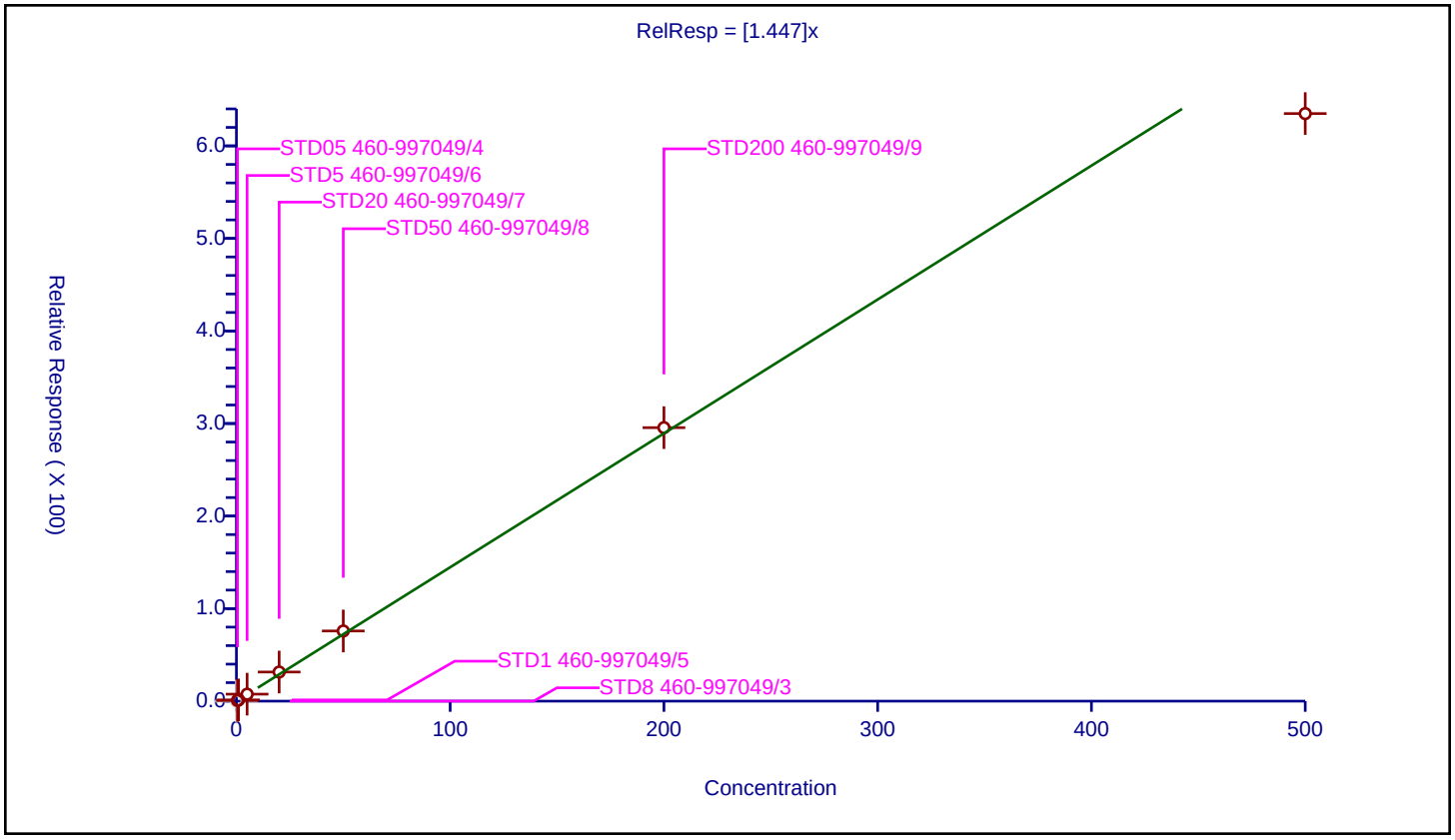
Curve Coefficients

Intercept:	0
Slope:	1.447

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.730522	50.0	274119.0	1.461044	Y
3	STD1 460-997049/5	1.0	1.31602	50.0	290497.0	1.31602	Y
4	STD5 460-997049/6	5.0	7.559608	50.0	286159.0	1.511922	Y
5	STD20 460-997049/7	20.0	31.478209	50.0	285237.0	1.57391	Y
6	STD50 460-997049/8	50.0	75.816011	50.0	308421.0	1.51632	Y
7	STD200 460-997049/9	200.0	295.531279	50.0	304181.0	1.477656	Y
8	STD500 460-997049/10	500.0	634.938766	50.0	311100.0	1.269878	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

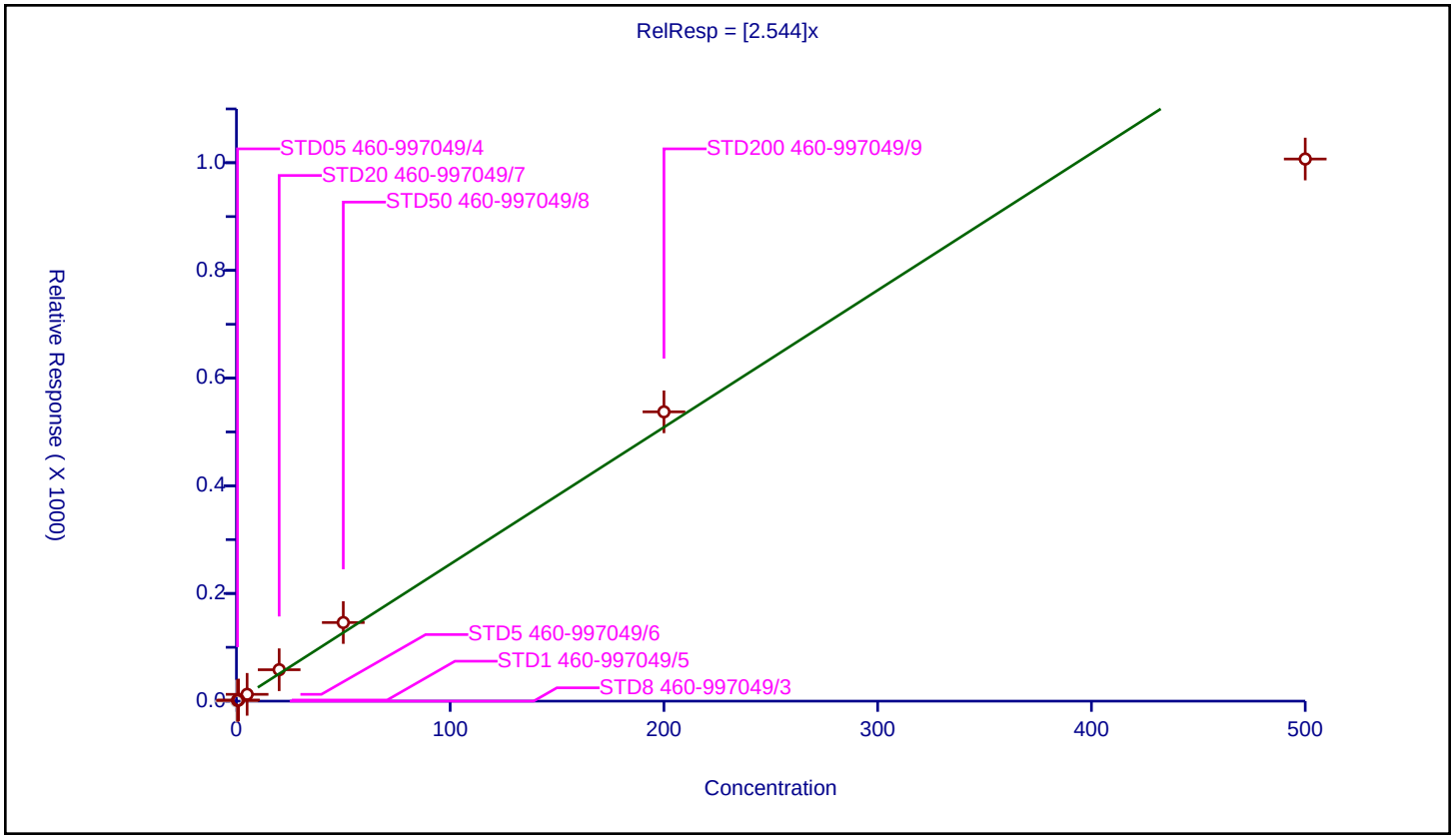
Curve Coefficients

Intercept:	0
Slope:	2.544

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.332633	50.0	274119.0	2.665266	Y
3	STD1 460-997049/5	1.0	2.070934	50.0	290497.0	2.070934	Y
4	STD5 460-997049/6	5.0	12.661492	50.0	286159.0	2.532298	Y
5	STD20 460-997049/7	20.0	58.352528	50.0	285237.0	2.917626	Y
6	STD50 460-997049/8	50.0	146.006595	50.0	308421.0	2.920132	Y
7	STD200 460-997049/9	200.0	537.344377	50.0	304181.0	2.686722	Y
8	STD500 460-997049/10	500.0	1006.91964	50.0	311100.0	2.013839	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

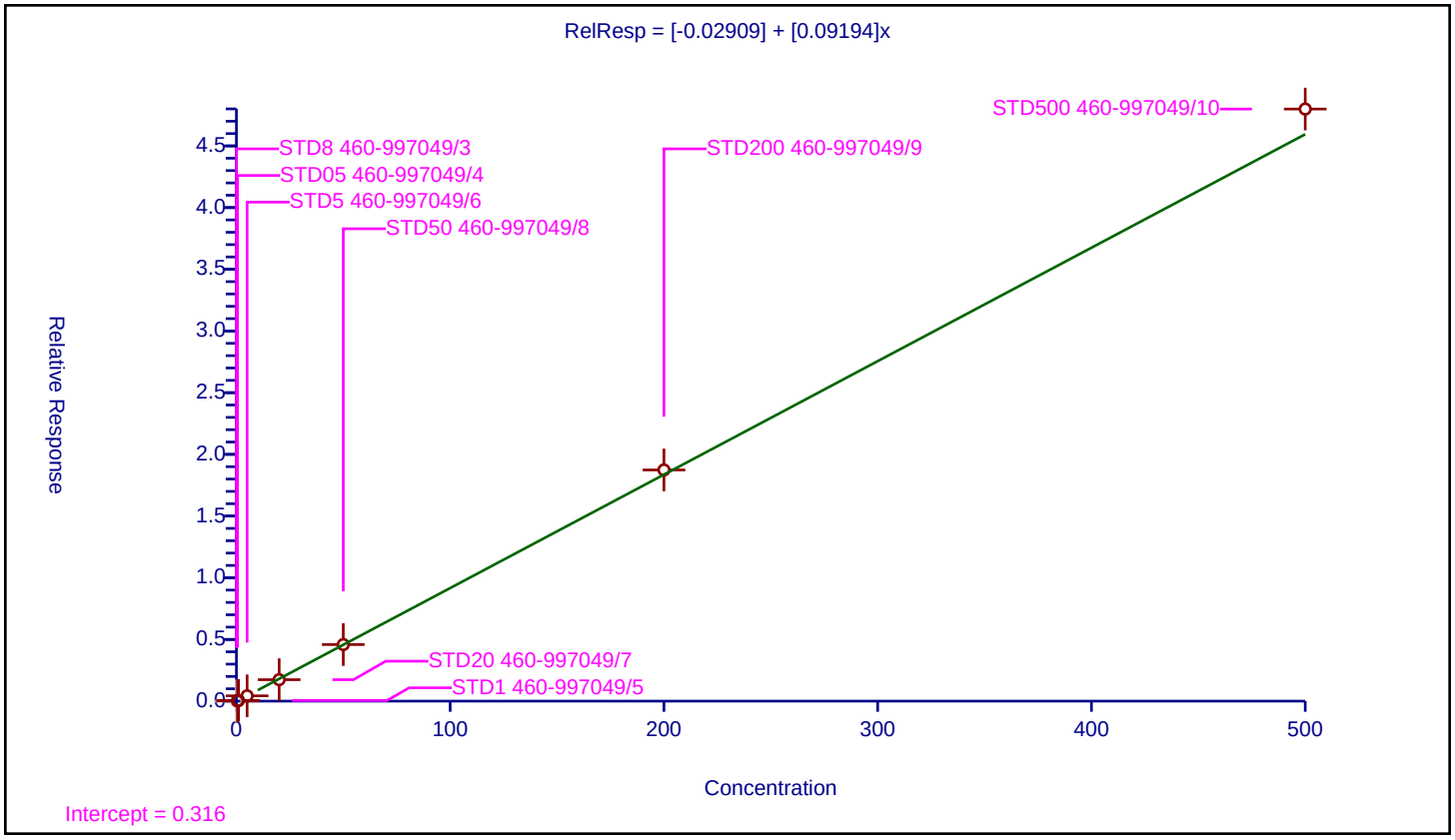
Curve Coefficients

Intercept:	-0.02909
Slope:	0.09194

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.018423	50.0	274119.0	0.036845	Y
3	STD1 460-997049/5	1.0	0.056799	50.0	290497.0	0.056799	Y
4	STD5 460-997049/6	5.0	0.431578	50.0	286159.0	0.086316	Y
5	STD20 460-997049/7	20.0	1.738554	50.0	285237.0	0.086928	Y
6	STD50 460-997049/8	50.0	4.586101	50.0	308421.0	0.091722	Y
7	STD200 460-997049/9	200.0	18.73687	50.0	304181.0	0.093684	Y
8	STD500 460-997049/10	500.0	47.98666	50.0	311100.0	0.095973	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

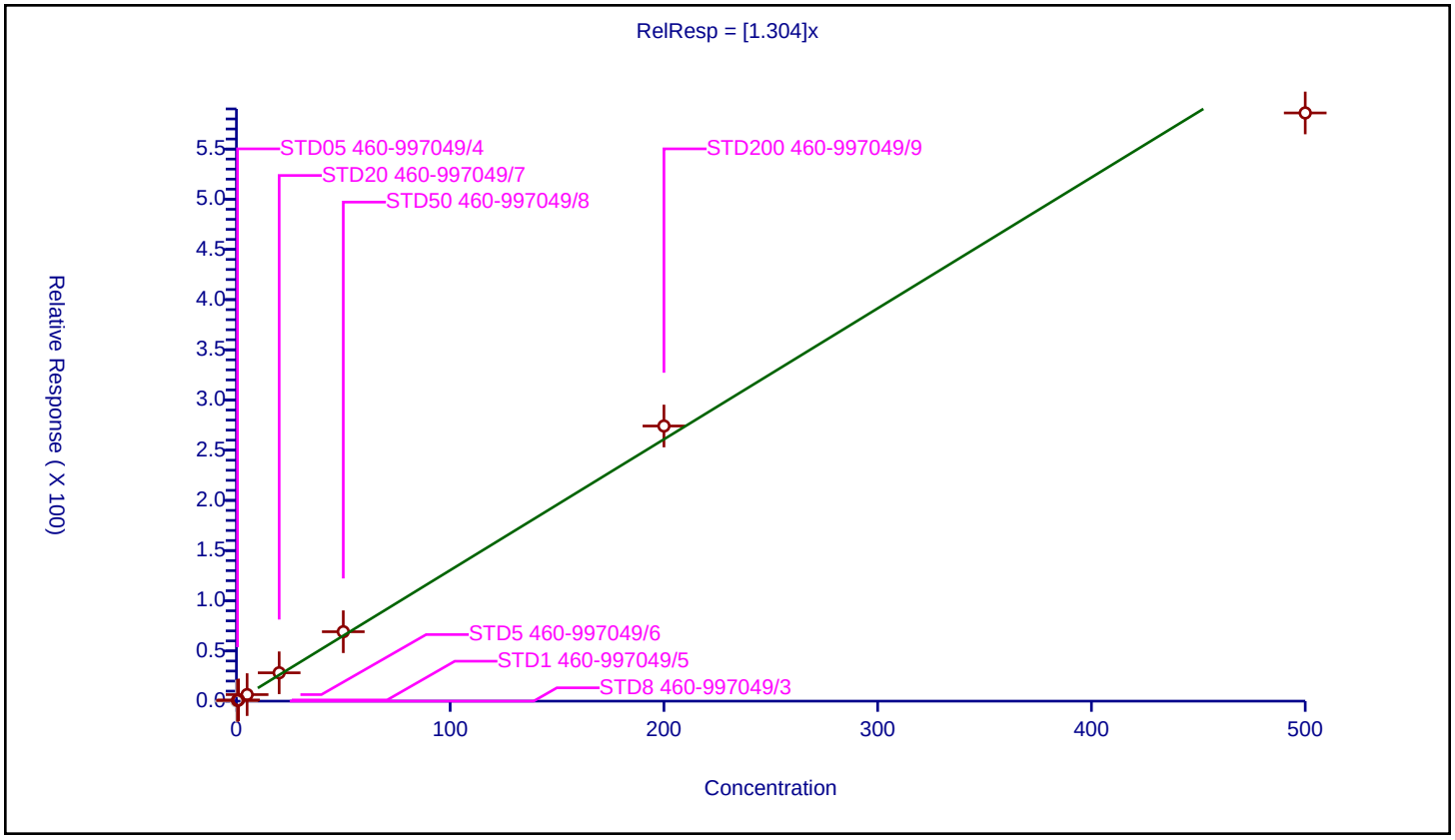
Curve Coefficients

Intercept:	0
Slope:	1.304

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.654278	50.0	274119.0	1.308556	Y
3	STD1 460-997049/5	1.0	1.181768	50.0	290497.0	1.181768	Y
4	STD5 460-997049/6	5.0	6.506523	50.0	286159.0	1.301305	Y
5	STD20 460-997049/7	20.0	28.252295	50.0	285237.0	1.412615	Y
6	STD50 460-997049/8	50.0	69.164713	50.0	308421.0	1.383294	Y
7	STD200 460-997049/9	200.0	274.094371	50.0	304181.0	1.370472	Y
8	STD500 460-997049/10	500.0	585.978142	50.0	311100.0	1.171956	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

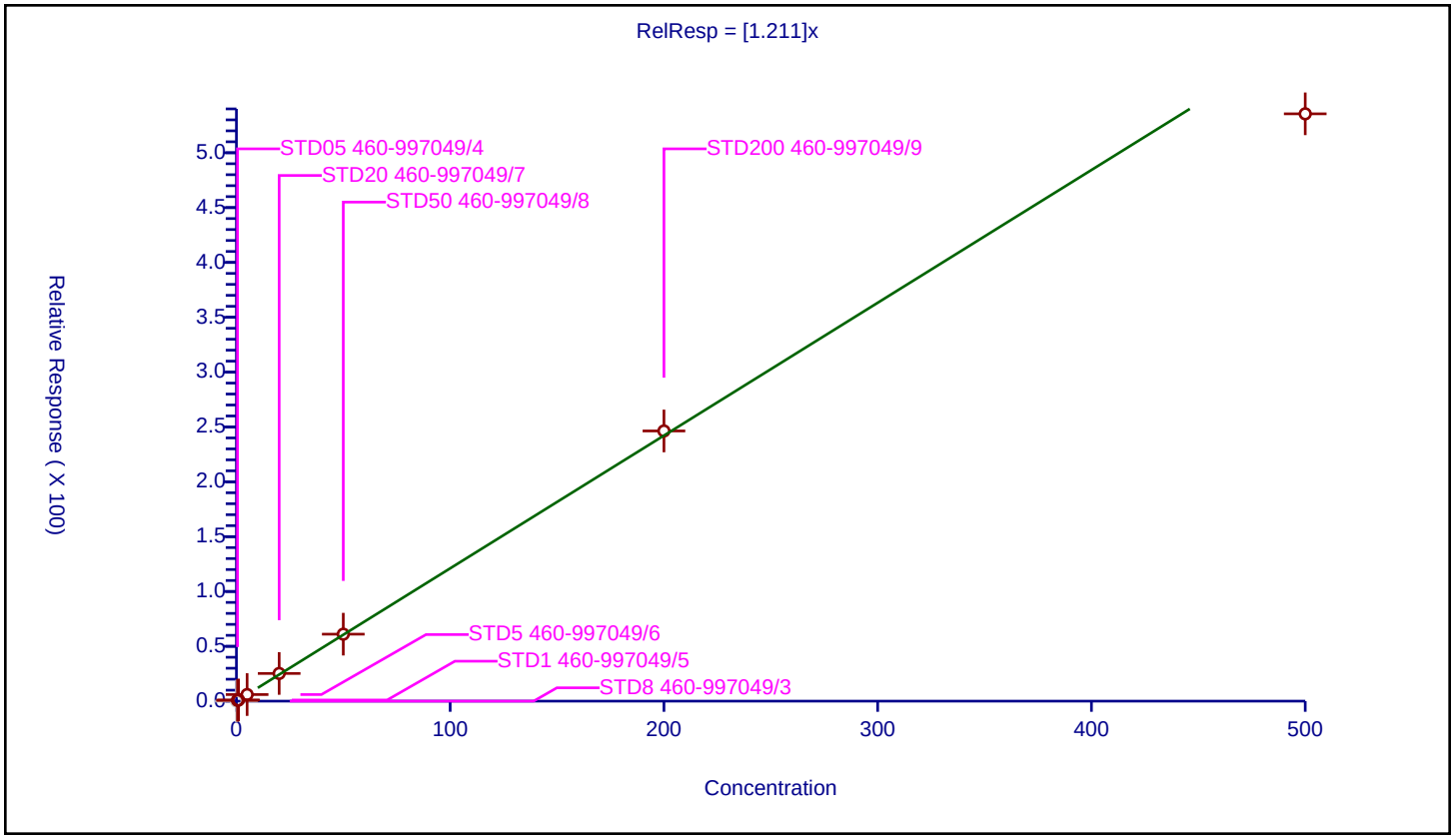
Curve Coefficients

Intercept:	0
Slope:	1.211

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.728333	50.0	274119.0	1.456667	Y
3	STD1 460-997049/5	1.0	1.028754	50.0	290497.0	1.028754	Y
4	STD5 460-997049/6	5.0	6.015886	50.0	286159.0	1.203177	Y
5	STD20 460-997049/7	20.0	25.250756	50.0	285237.0	1.262538	Y
6	STD50 460-997049/8	50.0	61.056154	50.0	308421.0	1.221123	Y
7	STD200 460-997049/9	200.0	246.349871	50.0	304181.0	1.231749	Y
8	STD500 460-997049/10	500.0	535.499839	50.0	311100.0	1.071	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

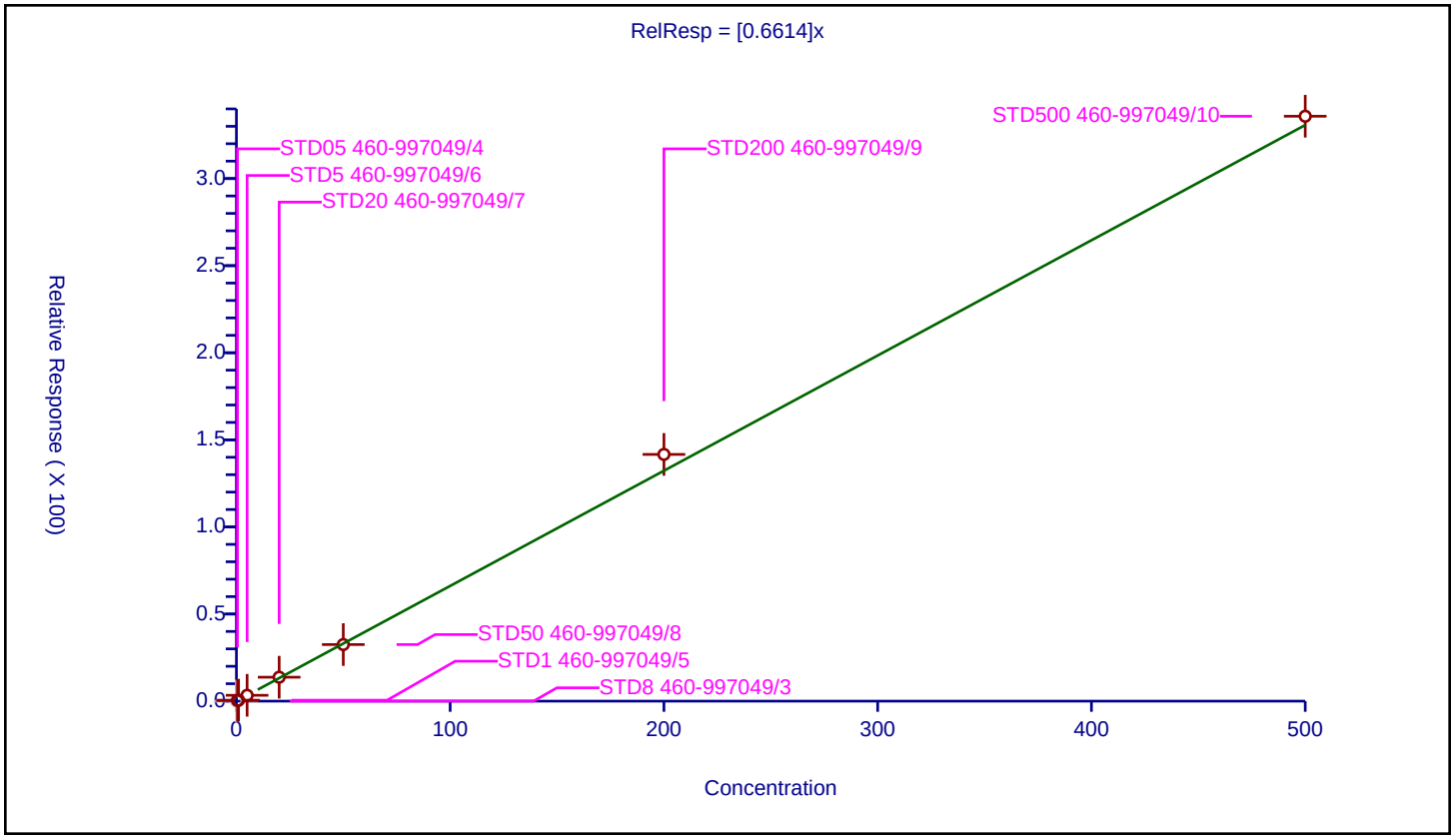
Curve Coefficients

Intercept:	0
Slope:	0.6614

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.348754	50.0	274119.0	0.697507	Y
3	STD1 460-997049/5	1.0	0.544928	50.0	290497.0	0.544928	Y
4	STD5 460-997049/6	5.0	3.355128	50.0	286159.0	0.671026	Y
5	STD20 460-997049/7	20.0	13.741731	50.0	285237.0	0.687087	Y
6	STD50 460-997049/8	50.0	32.480927	50.0	308421.0	0.649619	Y
7	STD200 460-997049/9	200.0	141.645764	50.0	304181.0	0.708229	Y
8	STD500 460-997049/10	500.0	335.772581	50.0	311100.0	0.671545	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

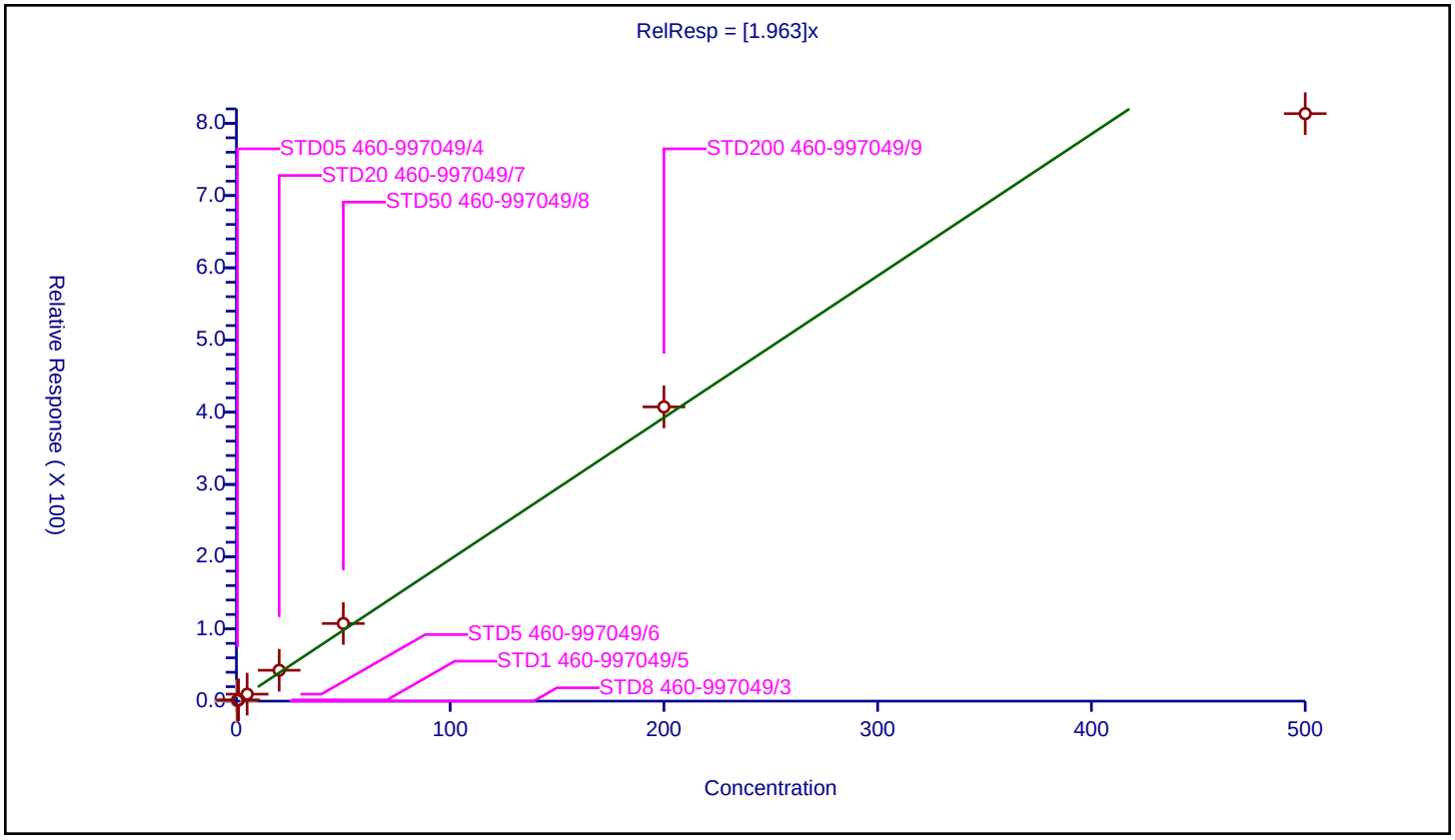
Curve Coefficients

Intercept:	0
Slope:	1.963

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	1.053557	50.0	274119.0	2.107114	Y
3	STD1 460-997049/5	1.0	1.742187	50.0	290497.0	1.742187	Y
4	STD5 460-997049/6	5.0	9.694086	50.0	286159.0	1.938817	Y
5	STD20 460-997049/7	20.0	42.754622	50.0	285237.0	2.137731	Y
6	STD50 460-997049/8	50.0	107.530454	50.0	308421.0	2.150609	Y
7	STD200 460-997049/9	200.0	407.444745	50.0	304181.0	2.037224	Y
8	STD500 460-997049/10	500.0	813.43314	50.0	311100.0	1.626866	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

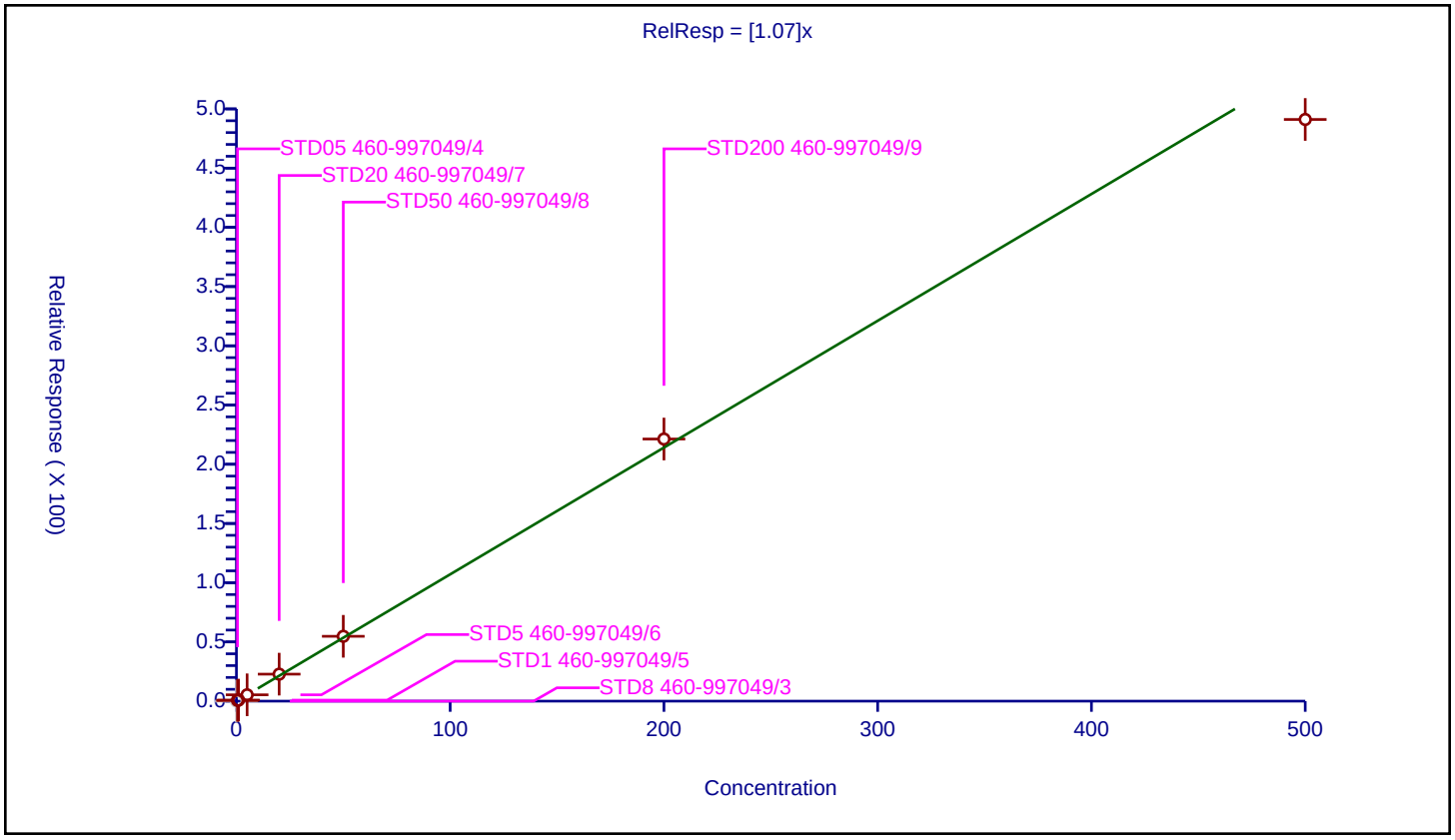
Curve Coefficients

Intercept:	0
Slope:	1.07

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-997049/3	0.0	0.0	50.0	286710.0	NaN	N
2	STD05 460-997049/4	0.5	0.622175	50.0	274119.0	1.24435	Y
3	STD1 460-997049/5	1.0	0.858873	50.0	290497.0	0.858873	Y
4	STD5 460-997049/6	5.0	5.334622	50.0	286159.0	1.066924	Y
5	STD20 460-997049/7	20.0	22.781757	50.0	285237.0	1.139088	Y
6	STD50 460-997049/8	50.0	54.739301	50.0	308421.0	1.094786	Y
7	STD200 460-997049/9	200.0	221.283381	50.0	304181.0	1.106417	Y
8	STD500 460-997049/10	500.0	491.063324	50.0	311100.0	0.982127	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-998454/3	K64390.D
Level 2	STD1 460-998454/4	K64391.D
Level 3	STD5 460-998454/5	K64392.D
Level 4	STD20 460-998454/6	K64393.D
Level 5	STD50 460-998454/7	K64394.D
Level 6	STD200 460-998454/8	K64395.D
Level 7	STD500 460-998454/9	K64396.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 1.1622	1.4516 1.1260	1.0638	1.1127	1.2534	Ave		1.1949				11.8		20.0			
Chlorodifluoromethane	+++++ 0.0831	0.1005 0.0809	0.0945	0.0884	0.0833	Ave		0.0884				8.7		20.0			
Dichlorodifluoromethane	+++++ 0.5789	0.7744 0.5691	0.6685	0.6519	0.5908	Ave		0.6389			0.1000	12.2		20.0			
Chloromethane	+++++ 0.8199	1.1633 0.8231	0.9524	0.9344	0.8925	Ave		0.9309			0.1000	13.6		20.0			
Butadiene	0.6211 0.6148	0.6779 0.6246	0.6082	0.5568	0.6459	Ave		0.6213				5.9		20.0			
Vinyl chloride	0.7938 0.6162	0.8609 0.6128	0.6233	0.6129	0.6781	Ave		0.6854			0.1000	14.8		20.0			
Bromomethane	+++++ 0.3969	0.5971 0.3698	0.4375	0.4225	0.4631	Ave		0.4478			0.1000	17.9		20.0			
Chloroethane	+++++ 0.3237	0.4992 0.2970	0.3803	0.3634	0.3681	Ave		0.3719			0.1000	18.7		20.0			
Dichlorofluoromethane	+++++ 0.9042	1.2658 0.8846	1.0437	0.9643	1.0072	Ave		1.0116				13.7		20.0			
Pentane	+++++ 0.1096	0.1225 0.1022	0.1026	0.0927	0.1066	Ave		0.1060				9.3		20.0			
Trichlorofluoromethane	+++++ 0.6011	0.7432 0.5963	0.6618	0.5888	0.6381	Ave		0.6382			0.1000	9.2		20.0			
Ethanol	+++++ 0.0396	0.0519 +++++	0.0572	0.0542	0.0532	Ave		0.0512				13.2		20.0			
Ethyl ether	+++++ 0.3111	0.3366 0.2888	0.3230	0.2998	0.3231	Ave		0.3137				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.3808	0.4341 0.3687	0.3885	0.3622	0.3822	Ave		0.3861				6.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3679	0.4461 0.3492	0.3727	0.3734	0.3831	Ave		0.3821				8.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.6285	0.7624 0.6061	0.6597	0.6502	0.6565	Ave		0.6606				8.1		20.0			
Acrolein	+++++ 1.5103	2.9433 +++++	1.9953	1.9844	1.6895	Lin2	5.1912	1.6716							0.9920		0.9900
1,1-Dichloroethene	+++++ 0.3949	0.3918 0.3779	0.4167	0.3790	0.4067	Ave		0.3945			0.1000	3.9		20.0			
Acetone	+++++ 0.2768	0.3656 0.3060	0.3157	0.2837	0.3624	Ave		0.3184			0.0500	12.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4119	0.4513 0.3850	0.4733	0.3950	0.4362	Ave		0.4254			0.1000	8.0		20.0			
Isopropyl alcohol	+++++ 0.5001	0.6450 +++++	0.5105	0.4766	0.5290	Ave		0.5322				12.4		20.0			
Iodomethane	+++++ 0.6866	0.8165 0.6415	0.7131	0.6625	0.7410	Ave		0.7102				8.9		20.0			
3-Chloro-1-propene	+++++ 1.8844	1.9155 1.7891	1.8366	1.6973	1.9454	Ave		1.8447				4.9		20.0			
Carbon disulfide	+++++ 1.8844	1.9155 1.7891	1.8366	1.6973	1.9454	Ave		1.8447			0.1000	4.9		20.0			
Acetonitrile	+++++ 0.6456	1.1138 +++++	0.8124	0.8628	0.8752	Ave		0.8620				19.5		20.0			
Methyl acetate	+++++ 4.8420	8.1161 +++++	6.3225	6.4380	6.2175	Ave		6.3872			0.1000	18.2		20.0			
Cyclopentene	+++++ 0.9209	1.2735 0.9155	0.9097	0.8325	0.8958	Ave		0.9580				16.5		20.0			
Methylene Chloride	+++++ 0.4590	0.7068 0.4362	0.5097	0.4582	0.4918	Ave		0.5103			0.1000	19.6		20.0			
2-Methyl-2-propanol	+++++ 0.7697	1.2301 +++++	0.9485	0.9527	0.9729	Ave		0.9748				16.9		20.0			
Acrylonitrile	0.1605 0.1412	0.1553 0.1350	0.1436	0.1383	0.1445	Ave		0.1455				6.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.4161	0.4436 0.3883	0.3977	0.3805	0.4300	Ave		0.4094			0.1000	6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ 1.1989	1.1495 1.1260	1.1312	1.1127	1.2148	Ave		1.1555			0.1000	3.6		20.0			
Hexane	+++++ 0.4494	0.4454 0.4248	0.3679	0.3595	0.4421	Ave		0.4149				9.8		20.0			
1,1-Dichloroethane	+++++ 0.7318	0.8155 0.7028	0.6965	0.7092	0.7491	Ave		0.7342			0.2000	6.1		20.0			
Vinyl acetate	+++++ 0.5697	0.6288 0.5461	0.4925	0.4635	0.5283	Ave		0.5381				10.8		20.0			
Isopropyl ether	+++++ 1.3045	1.2221 1.2983	1.2210	1.2377	1.3315	Ave		1.2692				3.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3455	0.3092 0.3471	0.3086	0.3144	0.3448	Ave		0.3283				5.9		20.0			
Tert-butyl ethyl ether	+++++ 1.3141	3.3956 1.3080	1.5908	1.2943	1.3388	Lin2	2.1198	1.2558							0.9970		0.9900
Methyl Ethyl Ketone	+++++ 0.2992	0.2833 0.3114	0.2697	0.2771	0.3313	Ave		0.2953			0.0500	7.9		20.0			
cis-1,2-Dichloroethene	+++++ 0.4350	0.5659 0.4155	0.4150	0.4039	0.4458	Ave		0.4469			0.1000	13.5		20.0			
Ethyl acetate	+++++ 5.1916	6.2362 5.2832	5.2595	4.7693	5.3354	Ave		5.3459				9.0		20.0			
2,2-Dichloropropane	+++++ 0.1368	0.1732 0.1290	0.1453	0.1267	0.1364	Ave		0.1412				12.0		20.0			
Propionitrile	+++++ 1.0194	1.1758 +++++	1.2937	1.2917	1.2998	Ave		1.2161				10.0		20.0			
Methyl acrylate	+++++ 0.3654	0.3315 0.3693	0.3337	0.3358	0.3618	Ave		0.3496				5.1		20.0			
Methacrylonitrile	+++++ 0.1438	0.1315 0.1477	0.1343	0.1326	0.1416	Ave		0.1386				4.8		20.0			
Chlorobromomethane	+++++ 0.1977	0.2158 0.1868	0.2002	0.1870	0.2042	Ave		0.1986				5.5		20.0			
Tetrahydrofuran	+++++ 0.8786	1.1095 0.8715	0.7252	0.7544	0.8754	Ave		0.8691				15.6		20.0			
Chloroform	+++++ 0.6622	0.7643 0.6358	0.6532	0.6228	0.6775	Ave		0.6693			0.2000	7.5		20.0			
1,1,1-Trichloroethane	+++++ 0.5868	0.6637 0.5602	0.5391	0.5454	0.5884	Ave		0.5806			0.1000	7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	+++++ 0.6454	0.6770 0.6933	0.5415	0.5534	0.6332	Ave		0.6240			0.1000	10.1		20.0			
1,1-Dichloropropene	+++++ 0.5183	0.4688 0.5104	0.4722	0.4479	0.5073	Ave		0.4875				5.8		20.0			
Carbon tetrachloride	+++++ 0.4827	0.5017 0.4634	0.4760	0.4284	0.4722	Ave		0.4707			0.1000	5.2		20.0			
Isobutyl alcohol	+++++ 0.2963	0.4119 0.2286	0.3166	0.3350	0.3462	Ave		0.3224				18.7		20.0			
Benzene	+++++ 1.9691	2.2208 1.8418	1.9988	1.9601	2.0480	Ave		2.0064			0.5000	6.2		20.0			
1,2-Dichloroethane	+++++ 0.4660	0.4928 0.4553	0.4380	0.4284	0.4657	Ave		0.4577			0.1000	5.0		20.0			
Isopropyl acetate	+++++ 0.1377	0.1261 0.1468	0.1302	0.1318	0.1289	Ave		0.1336				5.6		20.0			
Isooctane	+++++ 0.9810	0.7292 0.9595	0.7496	0.7318	0.9023	Ave		0.8422				14.1		20.0			
Tert-amyl methyl ether	+++++ 1.2202	1.0890 1.2350	0.9605	1.0614	1.1694	Ave		1.1226				9.4		20.0			
n-Heptane	+++++ 0.3246	0.2719 0.3029	0.2589	0.2505	0.3201	Ave		0.2882				11.1		20.0			
n-Butanol	+++++ 0.1762	0.1791 0.1397	0.1641	0.1829	0.1929	Ave		0.1725				10.8		20.0			
Trichloroethene	+++++ 0.3586	0.3869 0.3526	0.3349	0.3122	0.3568	Ave		0.3503			0.2000	7.2		20.0			
Ethyl acrylate	+++++ 0.3723	0.2846 0.3939	0.2858	0.2810	0.3218	Ave		0.3232				15.2		20.0			
Methylcyclohexane	+++++ 0.6350	0.4920 0.5967	0.4730	0.4992	0.6087	Ave		0.5508			0.1000	12.8		20.0			
1,2-Dichloropropane	+++++ 0.3980	0.3326 0.3901	0.3432	0.3419	0.3889	Ave		0.3658			0.1000	8.1		20.0			
Dibromomethane	+++++ 0.2216	0.2793 0.2136	0.2094	0.2081	0.2225	Ave		0.2258				11.9		20.0			
Methyl methacrylate	+++++ 0.0803	0.0581 0.0829	0.0587	0.0642	0.0727	Ave		0.0695				15.5		20.0			
1,4-Dioxane	+++++ 1.0353	1.3492 0.9023	1.3294	0.9911	1.0709	Ave		1.1130				16.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.4159	0.3458 0.4346	0.3044	0.3246	0.3690	Ave		0.3657				14.0		20.0			
Bromodichloromethane	+++++ 0.4621	0.4315 0.4556	0.4037	0.4181	0.4514	Ave		0.4370			0.2000	5.3		20.0			
2-Nitropropane	+++++ 0.0651	0.0717 0.0696	0.0565	0.0511	0.0581	Ave		0.0620				13.0		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2124	0.1589 0.2225	0.1781	0.1573	0.1911	Ave		0.1867				14.5		20.0			
Epichlorohydrin	0.2884 0.2592	0.2332 0.2546	0.2121	0.2228	0.2552	Ave		0.2465				10.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.7398	0.7080 0.7032	0.6224	0.6652	0.7349	Ave		0.6956			0.2000	6.4		20.0			
methyl isobutyl ketone	+++++ 2.7814	2.0110 2.7585	1.9980	2.2011	2.6100	Ave		2.3933			0.0500	15.3		20.0			
Toluene	+++++ 1.8833	1.9901 1.7800	1.6654	1.6792	1.8657	Ave		1.8106			0.4000	7.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.5937	0.5527 0.5808	0.5572	0.5027	0.5865	Ave		0.5623			0.1000	5.9		20.0			
Ethyl methacrylate	+++++ 0.5467	0.4035 0.5270	0.3684	0.4031	0.4894	Ave		0.4563				16.3		20.0			
1,1,2-Trichloroethane	+++++ 0.3124	0.2507 0.2908	0.3251	0.2920	0.3247	Ave		0.2993			0.1000	9.4		20.0			
Tetrachloroethene	+++++ 0.3805	0.4215 0.3548	0.3784	0.3491	0.3911	Ave		0.3792			0.2000	6.9		20.0			
1,3-Dichloropropane	+++++ 0.6196	0.5774 0.5923	0.5604	0.5677	0.6237	Ave		0.5902				4.5		20.0			
2-Hexanone	+++++ 1.6232	0.9992 1.7590	1.1056	1.1992	1.4947	Qua2	-1.654	1.3005	0.0002063		0.0500				0.9930		0.9900
Dibromochloromethane	+++++ 0.3862	0.4566 0.3724	0.3334	0.3433	0.3779	Ave		0.3783			0.1000	11.5		20.0			
n-Butyl acetate	+++++ 0.5832	0.4848 0.6001	0.4083	0.4561	0.4989	Ave		0.5052				14.6		20.0			
Ethylene Dibromide	+++++ 0.3479	0.3007 0.3340	0.3113	0.3275	0.3598	Ave		0.3302			0.1000	6.7		20.0			
Chlorobenzene	+++++ 1.1022	1.0688 1.0793	0.9940	0.9890	1.1034	Ave		1.0561			0.5000	4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.4290	0.4458 0.4004	0.4124	0.4108	0.4379	Ave		0.4227				4.2		20.0			
Ethylbenzene	+++++ 0.5896	0.5345 0.5789	0.4608	0.5229	0.5659	Ave		0.5421			0.1000	8.7		20.0			
m-Xylene & p-Xylene	+++++ 0.7310	0.6121 0.7151	0.5721	0.6213	0.7162	Ave		0.6613			0.1000	10.2		20.0			
o-Xylene	+++++ 0.7706	0.6169 0.7439	0.6102	0.6744	0.7642	Ave		0.6967			0.3000	10.5		20.0			
Styrene	+++++ 1.1886	0.8059 1.2182	0.8977	0.9465	1.1213	Ave		1.0297			0.3000	16.5		20.0			
n-Butyl acrylate	+++++ 0.3201	0.2067 0.3393	0.2205	0.2482	0.2779	Ave		0.2688				19.9		20.0			
Bromoform	+++++ 0.2211	0.2758 0.2170	0.1786	0.1903	0.2074	Ave		0.2151			0.1000	15.7		20.0			
Amyl acetate (mixed isomers)	+++++ 1.3895	0.8593 1.4415	0.7864	0.9560	1.1455	QuaF		1.3148	0.0002559						1.0000		0.9900
Isopropylbenzene	+++++ 1.8122	1.2844 1.7426	1.2859	1.5851	1.7894	Ave		1.5833			0.1000	15.4		20.0			
Bromobenzene	+++++ 0.7831	0.7420 0.7506	0.6082	0.6576	0.7728	Ave		0.7190				9.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.9179	0.8902 0.8634	0.8687	0.7973	0.9121	Ave		0.8750			0.3000	5.0		20.0			
1,2,3-Trichloropropane	+++++ 0.6598	0.8148 0.6253	0.6074	0.6134	0.6803	Ave		0.6669				11.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2930	0.2870 0.3009	0.2765	0.2357	0.2702	Ave		0.2772				8.3		20.0			
N-Propylbenzene	+++++ 4.0236	3.0607 3.8802	2.8078	3.1565	3.8526	Ave		3.4635				14.9		20.0			
2-Chlorotoluene	+++++ 2.4922	2.0391 2.3983	1.9320	2.0276	2.4717	Ave		2.2268				11.4		20.0			
4-Ethyltoluene	+++++ 3.1605	2.1982 3.1828	2.1739	2.5228	3.0334	Ave		2.7119				17.4		20.0			
4-Chlorotoluene	+++++ 2.4339	2.1021 2.3445	1.7569	1.9817	2.2673	Ave		2.1477				11.7		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0526	2.2366 2.9533	2.0361	2.4023	2.9795	Ave		2.6101				16.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.1138	0.5040 1.1831	0.6351	0.7261	0.9616	QuaF		1.0428	0.0002824						1.0000		0.9900
tert-Butylbenzene	+++++ 2.4431	1.4308 2.3130	1.5670	1.8009	2.3550	QuaF		2.4906	-0.000353						1.0000		0.9900
1,2,4-Trimethylbenzene	+++++ 3.1214	2.2768 3.0423	2.2090	2.4565	2.9916	Ave		2.6829				15.4		20.0			
sec-Butylbenzene	+++++ 3.7368	2.1670 3.4631	2.3728	2.8275	3.5066	QuaF		3.8418	-0.000752						1.0000		0.9900
1,3-Dichlorobenzene	+++++ 1.4809	1.2953 1.4315	1.2491	1.3159	1.4394	Ave		1.3687			0.6000	6.9		20.0			
1,4-Dichlorobenzene	+++++ 1.4989	1.6405 1.4914	1.3780	1.3109	1.4575	Ave		1.4629			0.5000	7.7		20.0			
4-Isopropyltoluene	+++++ 3.1296	1.9658 2.9950	2.1437	2.3932	2.9686	Ave		2.5993				19.0		20.0			
1,2,3-Trimethylbenzene	+++++ 3.5125	2.6850 3.4164	2.5162	2.8798	3.4099	Ave		3.0700				14.0		20.0			
Benzyl chloride	+++++ 0.2901	0.2896 0.2933	0.2523	0.2377	0.2664	Ave		0.2716				8.5		20.0			
Indan	+++++ 3.1109	2.3332 3.1112	2.2673	2.5531	3.0270	Ave		2.7338				14.5		20.0			
1,2-Dichlorobenzene	+++++ 1.5585	1.4909 1.5200	1.3535	1.3550	1.5772	Ave		1.4759			0.4000	6.7		20.0			
p-Diethylbenzene	+++++ 1.6973	1.1446 1.7002	1.1343	1.3515	1.6044	Ave		1.4387				18.4		20.0			
n-Butylbenzene	+++++ 1.5184	1.1004 1.4144	1.0751	1.2055	1.4315	Ave		1.2909				14.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1697	0.1287 0.1646	0.1226	0.1235	0.1587	Ave		0.1446			0.0500	15.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.9916	1.5624 2.5394	1.6783	2.2120	2.7004	QuaF		3.1955	-0.001306						0.9990		0.9900
1,3,5-Trichlorobenzene	+++++ 1.0401	1.0827 1.0612	0.9051	0.9508	1.0642	Ave		1.0173				7.1		20.0			
1,2,4-Trichlorobenzene	+++++ 0.9956	0.8913 0.9296	0.8939	0.8756	0.9868	Ave		0.9288			0.2000	5.6		20.0			
Hexachlorobutadiene	+++++ 0.2847	0.2539 0.2665	0.2357	0.2252	0.2743	Ave		0.2567				8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.5303	1.7307 2.3508	2.0509	2.0278	2.5469	Ave		2.2063				14.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.8215	0.8487 0.7507	0.7236	0.7819	0.8840	Ave		0.8017				7.6		20.0			
Dibromofluoromethane (Surr)	0.3703 0.3367	0.3893 0.3251	0.3700	0.3520	0.3397	Ave		0.3547				6.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4019 0.3818	0.4319 0.3874	0.4094	0.3960	0.3850	Ave		0.3990				4.4		20.0			
Toluene-d8 (Surr)	1.6015 1.6229	1.7444 1.5116	1.6653	1.6439	1.6404	Ave		1.6329				4.3		20.0			
4-Bromofluorobenzene	0.3735 0.3972	0.4001 0.3982	0.3970	0.3855	0.3803	Ave		0.3903				2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-998454/3	K64390.D
Level 2	STD1 460-998454/4	K64391.D
Level 3	STD5 460-998454/5	K64392.D
Level 4	STD20 460-998454/6	K64393.D
Level 5	STD50 460-998454/7	K64394.D
Level 6	STD200 460-998454/8	K64395.D
Level 7	STD500 460-998454/9	K64396.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 338323	1623 914357	6860	29162	81635	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 198843	940 535859	5024	19276	46659	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1385321	7240 3771762	35550	142167	330876	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1962008	10876 5454705	50653	203788	499814	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1572 1471245	6338 4139512	32344	121438	361708	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	2009 1474534	8049 4061421	33148	133667	379744	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 949848	5583 2451058	23267	92143	259329	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 774569	4667 1968571	20224	79250	206166	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 2163896	11835 5862344	55509	210304	564044	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 524554	2290 1354389	10916	40453	119385	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1438405	6949 3951612	35194	128401	357344	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++ 180717	697 +++++	4723	17127	45023	+++++ 8000	40.0 +++++	200	800	2000
Ethyl ether	FB	Ave	+++++ 744475	3147 1913761	17180	65384	180953	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 911325	4059 2443295	20664	79003	214057	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 880469	4171 2314525	19823	81446	214538	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	7128	35083	141795	367669	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1504100	4016996				200	500			
Acrolein	TBAd9	Lin2	+++++ 172102	3950 +++++	16468	31363	71499	+++++ 200	4.00 +++++	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 945038	3663 2504440	22160	82659	227787	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 402826	2044 1242535	10180	37175	118019	+++++ 1000	5.00 2500	25.0	100	250
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 985743	4219 2551741	25169	86140	244307	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 569824	2164 +++++	10533	37659	111933	+++++ 2000	10.0 +++++	50.0	200	500
Iodomethane	FB	Ave	+++++ 1643216	7634 4251485	37926	144490	415003	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 4509501	17909 11856989	97676	370175	1089511	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 4509501	17909 11856989	97676	370175	1089511	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 735654	3737 +++++	16762	68182	185196	+++++ 2000	10.0 +++++	50.0	200	500
Methyl acetate	TBAd9	Ave	+++++ 1103501	5446 +++++	26091	101750	263125	+++++ 400	2.00 +++++	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 2203910	11907 6067055	48380	181557	501684	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 1098455	6608 2890738	27108	99921	275412	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 877095	4127 +++++	19570	75284	205861	+++++ 2000	10.0 +++++	50.0	200	500
Acrylonitrile	FB	Ave	3250 3379119	14518 8945471	76382	301692	809218	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 995847	4147 2573613	21149	82980	240807	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 2869076	10747 7462659	60159	242659	680321	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 1075553	4164 2815016	19566	78414	247618	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1751316	7625 4657399	37042	154674	419543	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 331695	1406 886862	6352	24294	68813	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++	11426	64935	269940	745707	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3121860	8603896				200	500			
2-Chloro-1,3-butadiene	FB	Ave	+++++ 826864	2891 2300424	16414	68558	193084	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Lin2	+++++ 3144887	31747 8668814	84602	282270	749773	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 435558	1584 1264216	8695	36315	107904	+++++ 1000	5.00 2500	25.0	100	250
cis-1,2-Dichloroethene	FB	Ave	+++++ 1040920	5291 2753826	22070	88082	249688	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 3022641	13945 8580124	67831	250001	695021	+++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	+++++ 327308	1619 855069	7727	27635	76378	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 1161659	3945 +++++	26693	102071	275043	+++++ 2000	10.0 +++++	50.0	200	500
Methyl acrylate	FB	Ave	+++++ 874516	3099 2447556	17747	73240	202611	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3440533	12293 9786729	71432	289123	793280	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 473157	2018 1237754	10649	40793	114370	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 511556	2481 1415410	9353	39544	114037	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1584645	7146 4213475	34738	135831	379444	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1404262	6205 3712477	28673	118953	329536	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1544549	6330 4594628	28797	120689	354640	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1240356	4383 3382698	25111	97673	284100	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1155194	4691 3071117	25317	93426	264432	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 844231	3455 2459264	16330	66174	183135	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZd5	Ave	+++++ 3771626	14911 10381447	76071	312040	870997	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1115232	4607 3017325	23294	93433	260811	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++	1179	6923	28734	72192	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-312971-1 Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 Calibration End Date: 09/28/2024 09:06 Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			329482	972702				200	500			
Isooctane	FB	Ave	+++++ 2347630	6818 6358816	39865	159599	505349	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2920112	10182 8184642	51080	231487	654894	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 776834	2542 2007718	13771	54641	179281	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 501980	1502 1503143	8465	36139	102052	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 858276	3617 2336847	17809	68093	199838	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 890970	2661 2610665	15200	61287	180214	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1519747	4600 3954275	25156	108864	340921	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 952486	3110 2585343	18251	74576	217785	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 530394	2611 1415920	11137	45380	124621	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 384227	1087 1099095	6245	28015	81414	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 165254	1725 466428	4419	13245	39186	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 995367	3233 2880177	16191	70789	206627	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1105767	4034 3019100	21469	91173	252801	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 311629	1341 922461	6006	22306	65080	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 509535	1489 1477791	9497	34391	107260	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1718 1508958	5214 4134126	27353	116814	332408	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1417055	4754 3963847	23687	105902	312530	+++++ 200	1.00 500	5.00	20.0	50.0
methyl isobutyl ketone	BUT	Ave	+++++ 4048378	11242 11199625	64419	288453	849985	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 3607294	13362 10033242	63385	267333	793478	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1137232	3711 3273580	21206	80029	249425	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 1047163	2709 2970574	14019	64174	208152	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 598346	1683 1639211	12372	46480	138091	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 728892	2830 1999810	14400	55571	166329	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 1186830	3877 3338390	21330	90371	265269	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Qua2	+++++ 2362602	5586 7141699	35648	157154	486766	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBNZd5	Ave	+++++ 739699	3066 2099104	12688	54659	160721	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZd5	Ave	+++++ 1117126	3255 3382688	15539	72610	212187	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 666397	2019 1882386	11847	52131	153010	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 2111250	7176 6083902	37830	157447	469290	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 821716	2993 2257001	15694	65394	186243	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 1129308	3589 3262848	17537	83253	240683	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1400125	4110 4030933	21775	98905	304594	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1476074	4142 4193100	23224	107369	325030	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZd5	Ave	+++++	5411	34167	150677	476895	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2276733	6866416				200	500			
n-Butyl acrylate	CBNZd5	Ave	+++++ 613176	1388 1912340	8391	39514	118175	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 423577	1852 1223026	6799	30294	88217	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	QuaF	+++++ 1434541	3246 4518570	16974	89538	266130	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 3471186	8624 9822350	48940	252353	761031	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 808480	2803 2352831	13127	61592	179531	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 947717	3363 2706622	18751	74673	211901	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 681258	3078 1960290	13111	57454	158054	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 302555	1084 943097	5968	22076	62774	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 4154138	11562 12163181	60603	295641	895045	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 2573083	7703 7518086	41700	189911	574220	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 3263107	8304 9977172	46922	236285	704723	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 2512885	7941 7349258	37922	185608	526735	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 3151645	8449 9257811	43947	225006	692197	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 1149907	1904 3708784	13709	68008	223404	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	QuaF	+++++ 2522337	5405 7250506	33823	168679	547124	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 3222646	8601 9536579	47679	230084	695001	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	QuaF	+++++ 3858072	8186 10855788	51215	264832	814664	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 1528994	4893 4487456	26960	123249	334399	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 1547544	6197 4675194	29742	122785	338604	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 3231128	7426 9388342	46270	224150	689671	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 3626513	10143 10709545	54310	269723	792196	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 299545	1094 919380	5445	22263	61901	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 3211833	8814 9752749	48937	239132	703228	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 1609089	5632 4764864	29215	126913	366421	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1752352	4324 5329754	24482	126588	372736	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1567672	4157 4433624	23204	112911	332559	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 175227	486 515878	2647	11564	36863	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	QuaF	+++++ 3088646	5902 7960353	36225	207179	627350	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 1073828	4090 3326411	19535	89054	247243	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 1027951	3367 2914044	19293	82013	229262	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 293974	959 835488	5088	21090	63717	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2612448	6538 7369174	44266	189930	591704	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 848166	3206 2353356	15618	73237	205371	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	187433 201433	181995 215485	196796	191936	190219	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	203412 228444	201906 256725	217705	215886	215606	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	587160 777166	585633 852043	633795	654280	697652	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	136955 190214	134316 224457	151105	153418	161760	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-312971-1 | Analy Batch No.: 998454

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2024 05:13 | Calibration End Date: 09/28/2024 09:06 | Calibration ID: 98763

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-998454/3	K64390.D
Level 2	STD1 460-998454/4	K64391.D
Level 3	STD5 460-998454/5	K64392.D
Level 4	STD20 460-998454/6	K64393.D
Level 5	STD50 460-998454/7	K64394.D
Level 6	STD200 460-998454/8	K64395.D
Level 7	STD500 460-998454/9	K64396.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Acrolein	+++++ +++++	-1.6						30				
Tert-butyl ethyl ether	+++++	1.6						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 28-Sep-2024 05:13:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0181453-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:22:49 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 10:01:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.245	1.233	0.012	35	1572	0.2500	0.2499	
7 Vinyl chloride	62	1.245	1.256	-0.011	33	2009	0.2500	0.2895	
* 31 TBA-d9 (IS)	65	2.045	2.022	0.023	100	391487	1000.0	1000.0	
33 Acrylonitrile	53	2.136	2.148	-0.012	66	3250	2.00	2.21	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	100	297847	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.153	-0.011	96	187433	50.0	52.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.416	-0.011	97	203412	50.0	50.4	
* 65 Fluorobenzene	96	3.691	3.702	-0.011	99	506171	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	41	26310	1000.0	1000.0	
80 Epichlorohydrin	57	4.891	4.891	0.000	52	1718	5.00	5.85	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	587160	50.0	49.0	
* 94 Chlorobenzene-d5	117	7.108	7.119	-0.011	87	366641	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	90	136955	50.0	47.9	
* 120 1,4-Dichlorobenzene-d4	152	10.606	10.605	0.001	96	209198	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	0.00	Units: uL	
GASES Li_00605	Amount Added:	2.50	Units: uL	
ACROLEIN W_00174	Amount Added:	0.00	Units: uL	
14DIOXINTER_00173	Amount Added:	0.00	Units: uL	
Ethanol mix_00093	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00153	Amount Added:	0.00	Units: uL	
MIX I Hi_00180	Amount Added:	0.00	Units: uL	
GAS Hi_00479	Amount Added:	0.00	Units: uL	
524FREONS_00024	Amount Added:	0.00	Units: uL	
7 Freons Hi_00018	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00129	Amount Added:	20.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:22:49 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D

Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9 Operator ID:

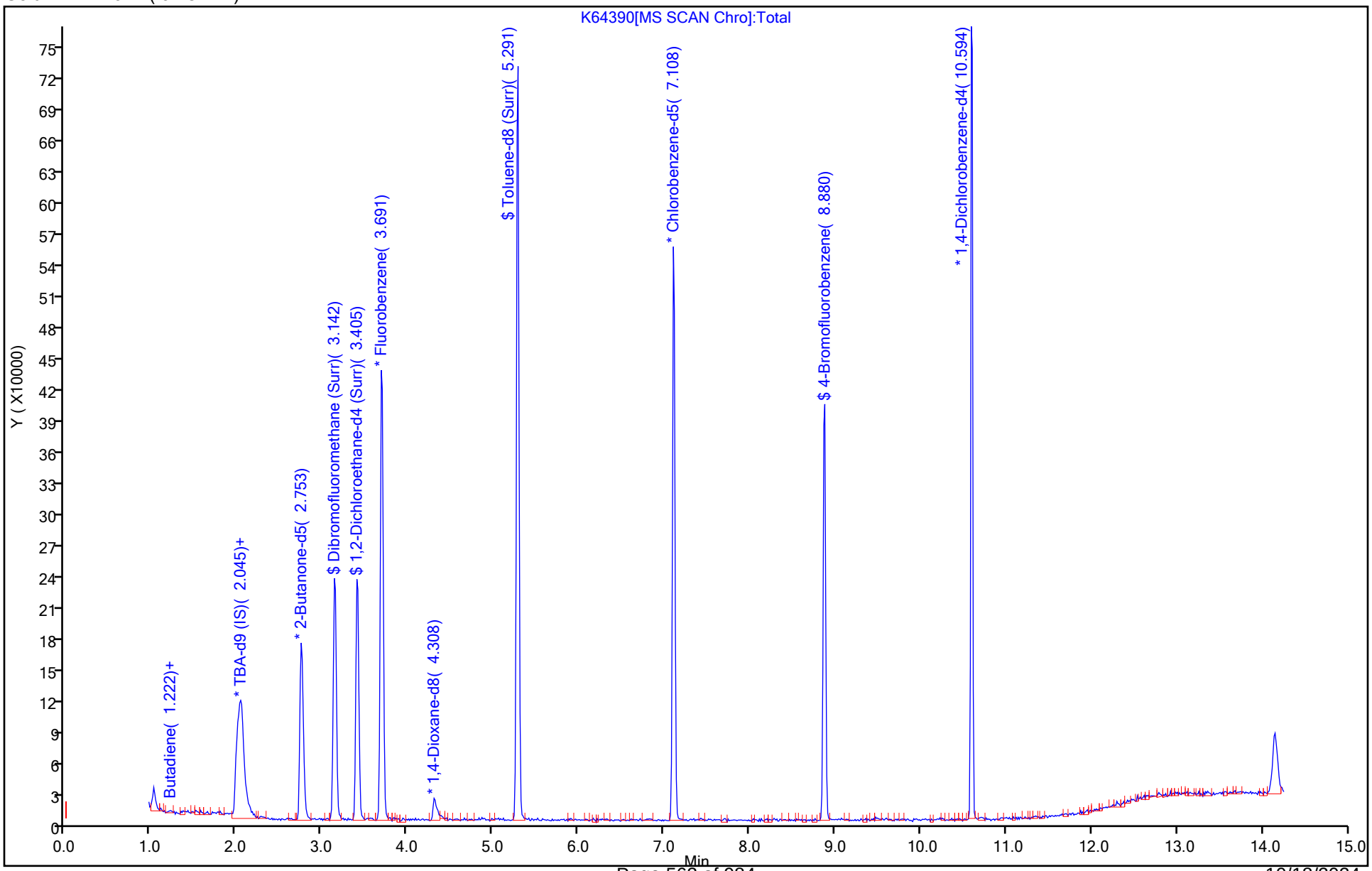
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

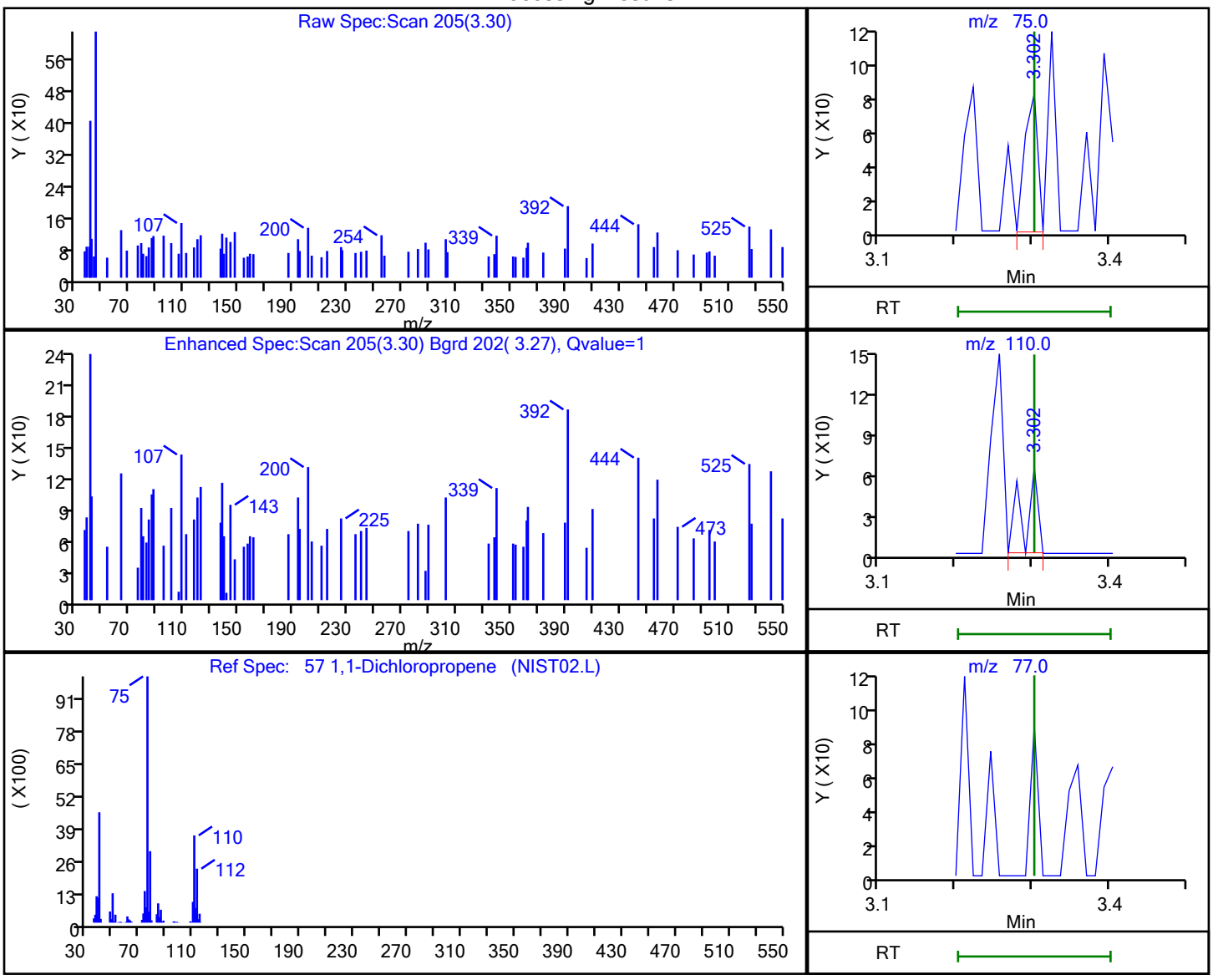
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.30	75.00	96	0.019495
3.30	110.00	80	
3.30	77.00	0	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

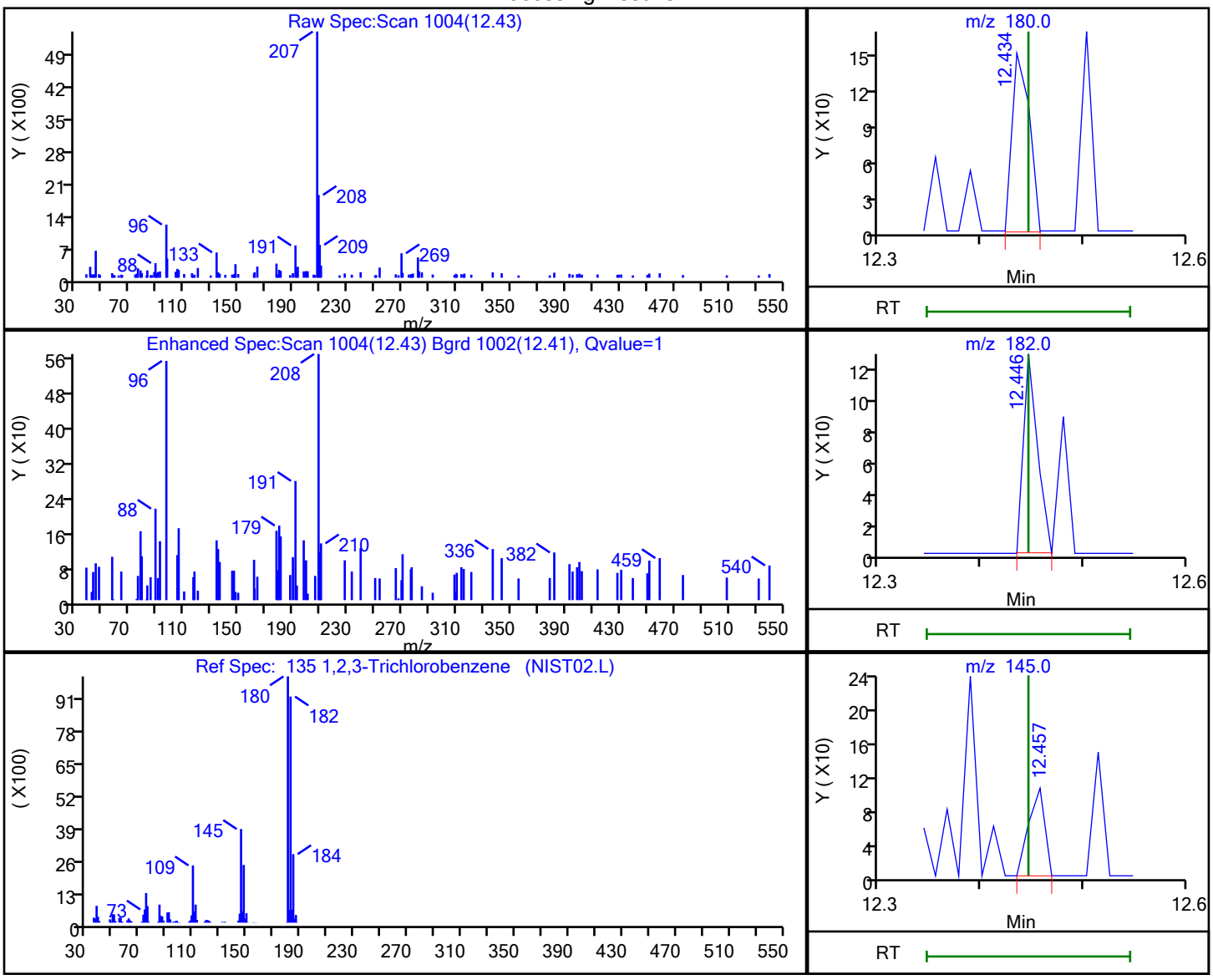
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.43	180.00	173	0.051573
12.45	182.00	119	
12.46	145.00	114	

Reviewer: NN6A, 01-Oct-2024 06:27:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

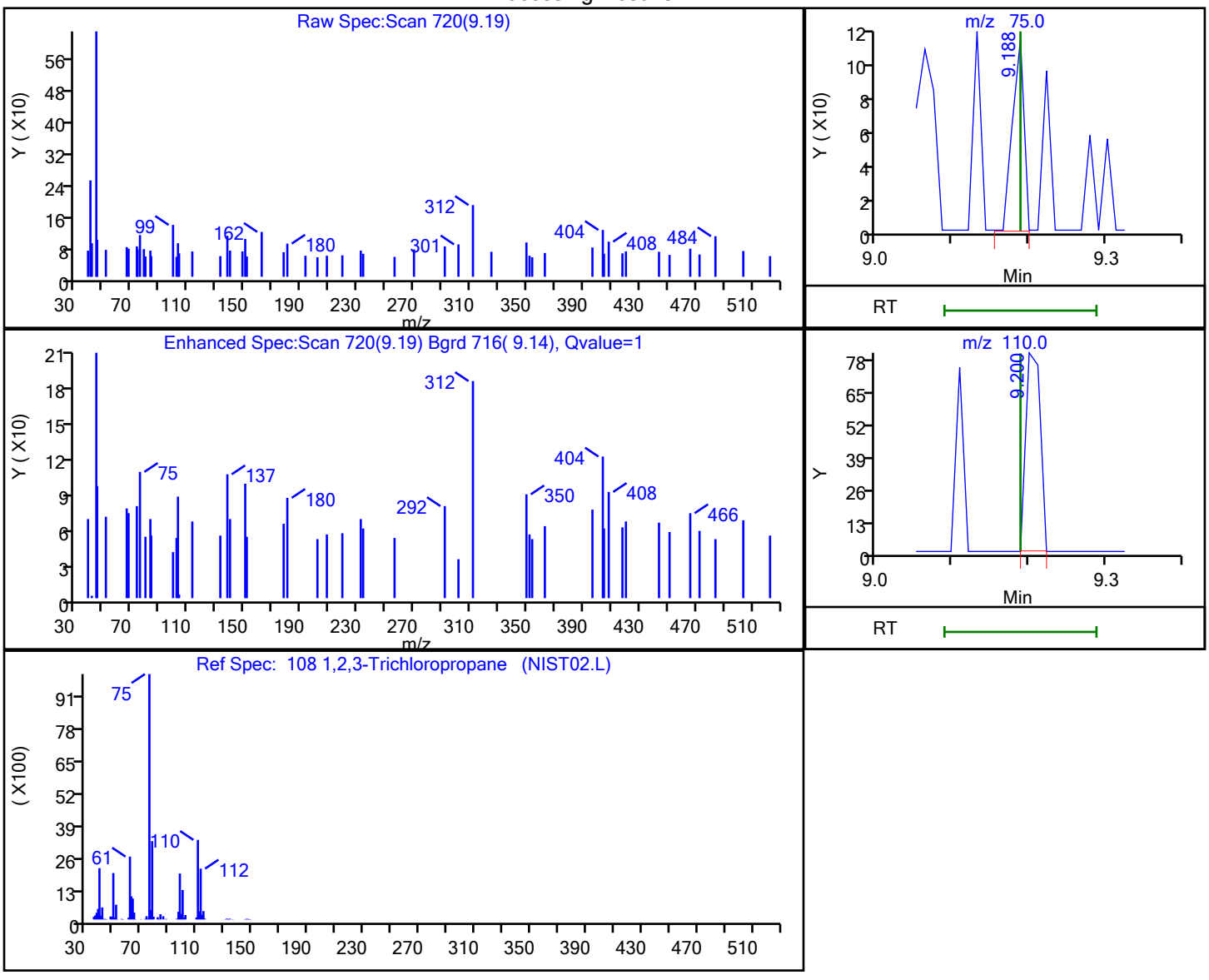
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.19	75.00	112	0.040141
9.20	110.00	108	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

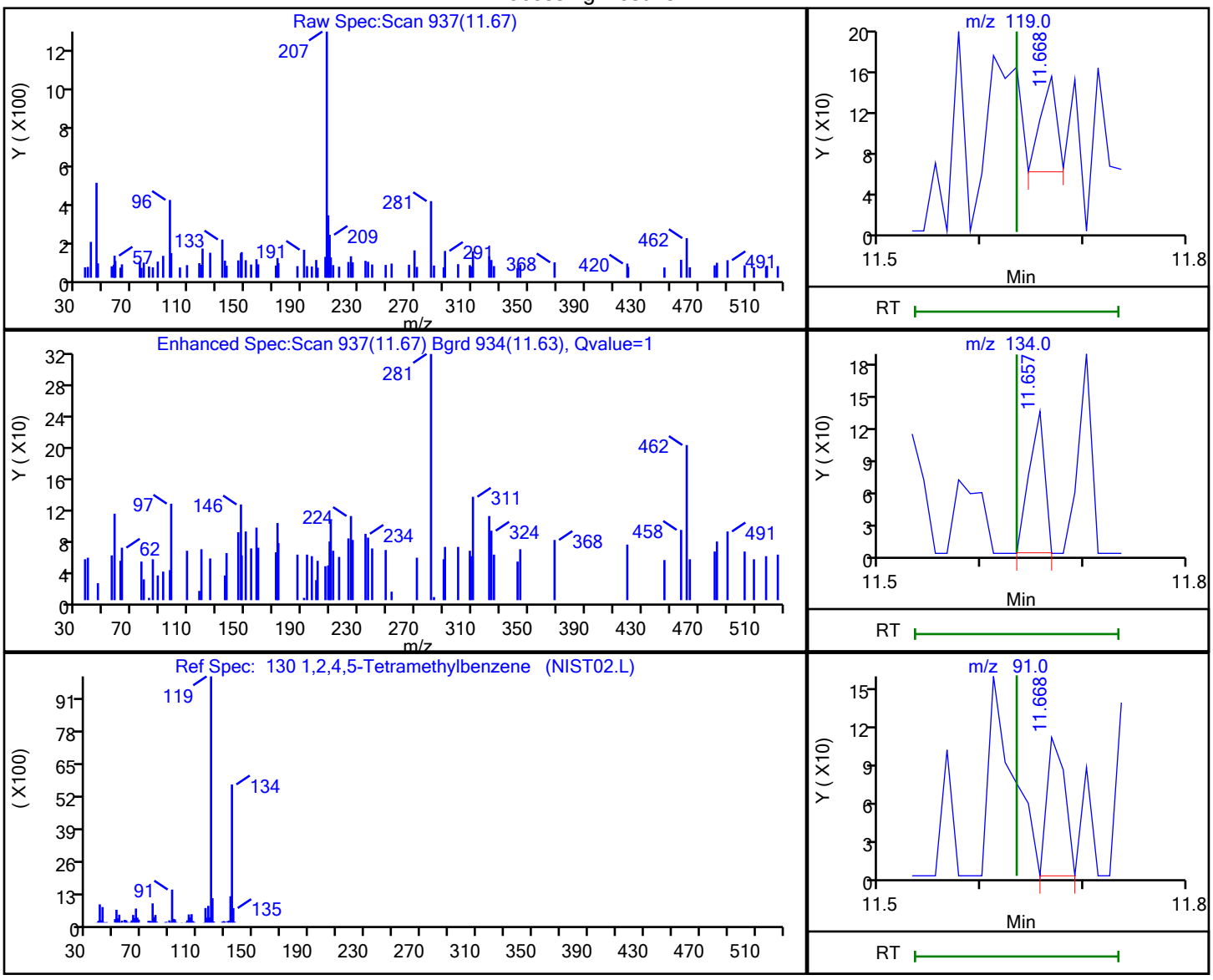
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.67	119.00	99	0.007405
11.66	134.00	141	
11.67	91.00	134	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

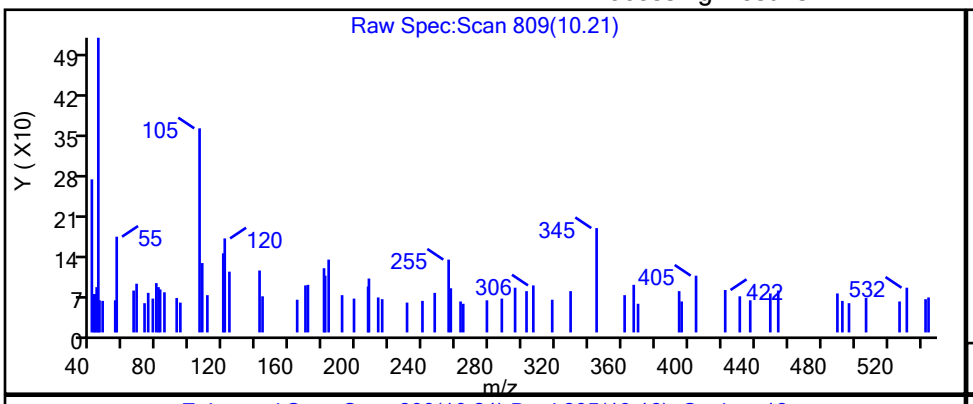
User Disabled Compound Report

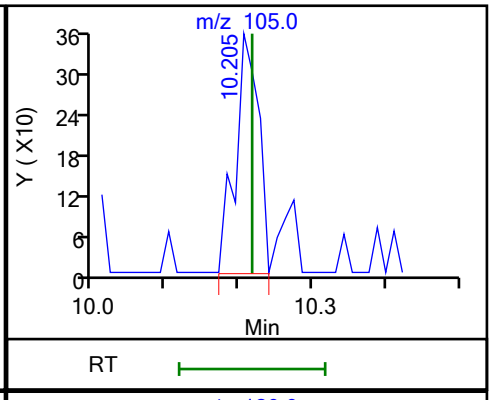
Eurofins Edison

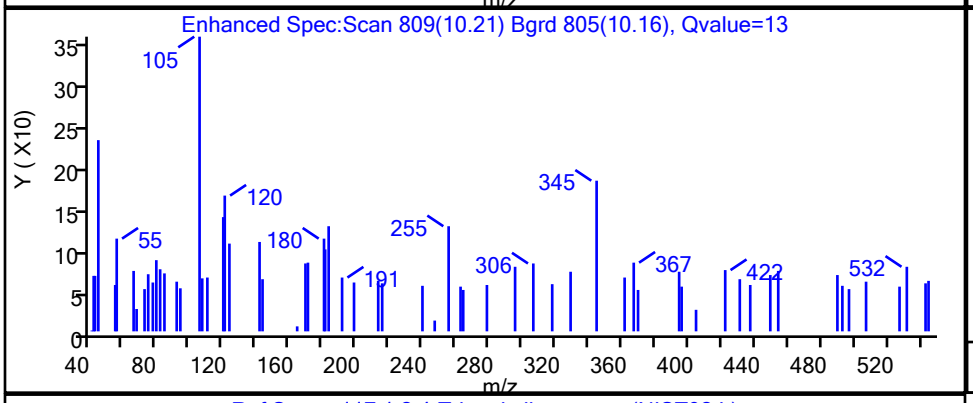
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

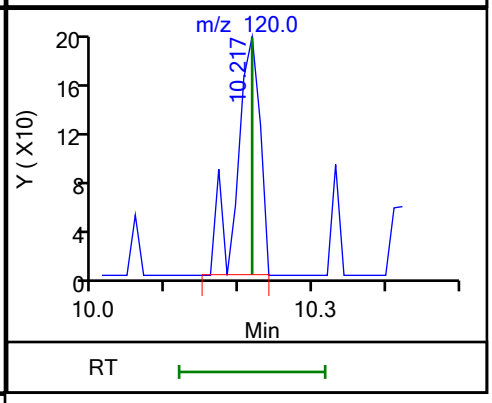
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

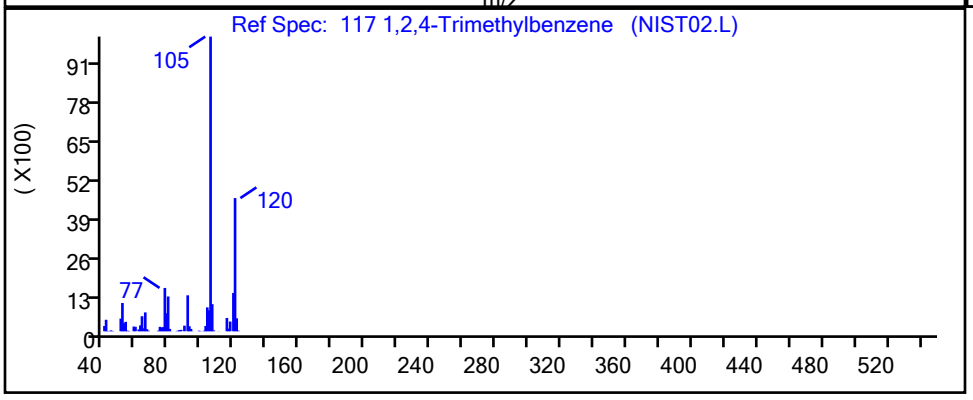
Processing Results











RT	Mass	Response	Amount
10.21	105.00	779	0.069397
10.22	120.00	434	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

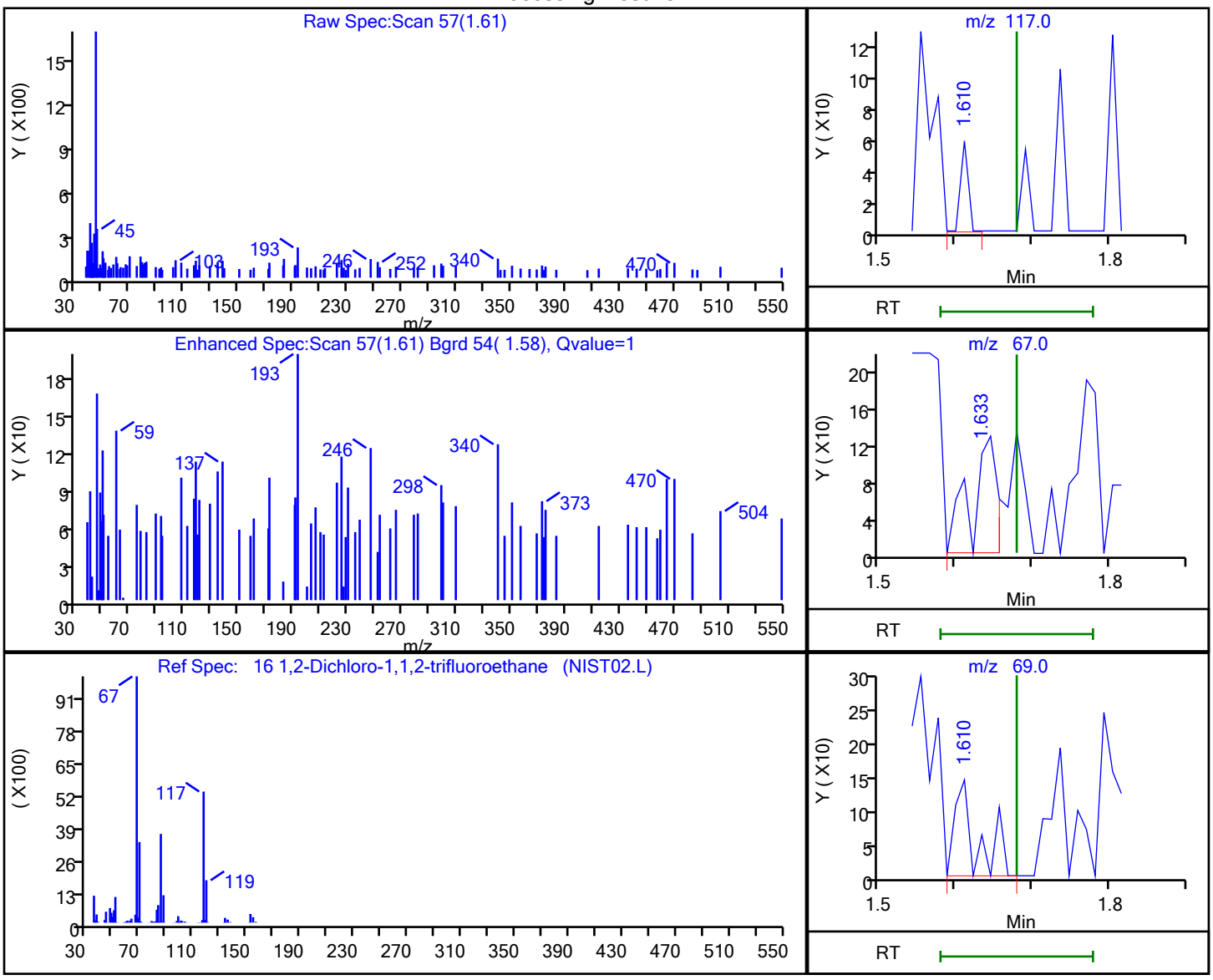
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.61	117.00	38	0.010563
1.63	67.00	297	
1.61	69.00	278	
1.62	119.00	171	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

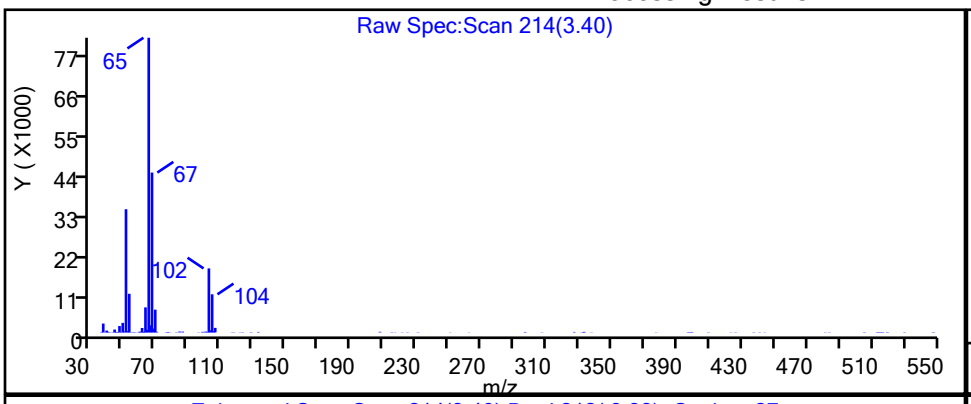
User Disabled Compound Report

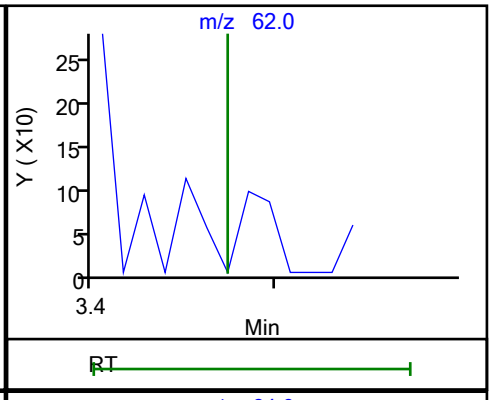
Eurofins Edison

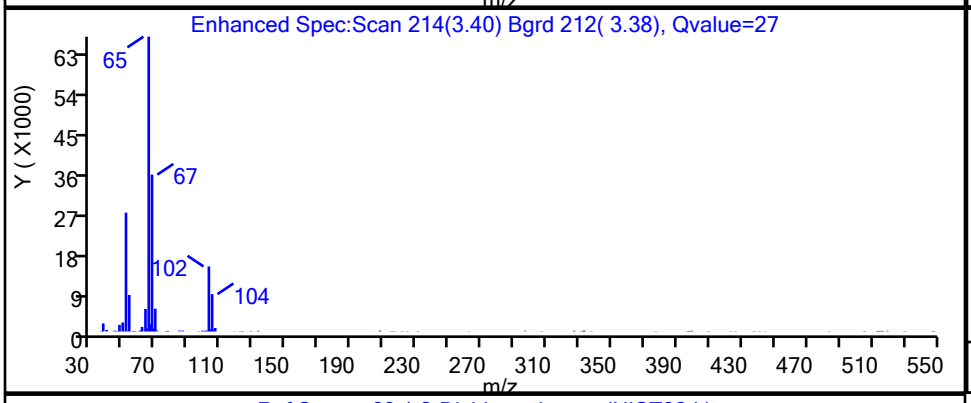
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

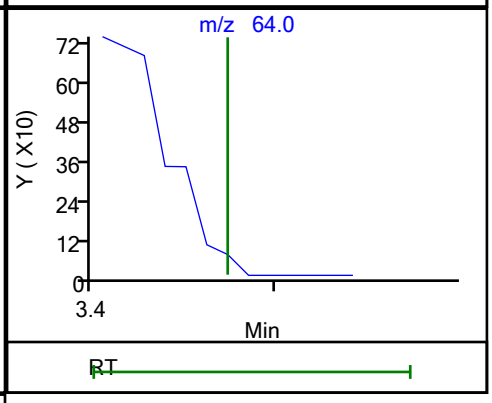
60 1,2-Dichloroethane, CAS: 107-06-2

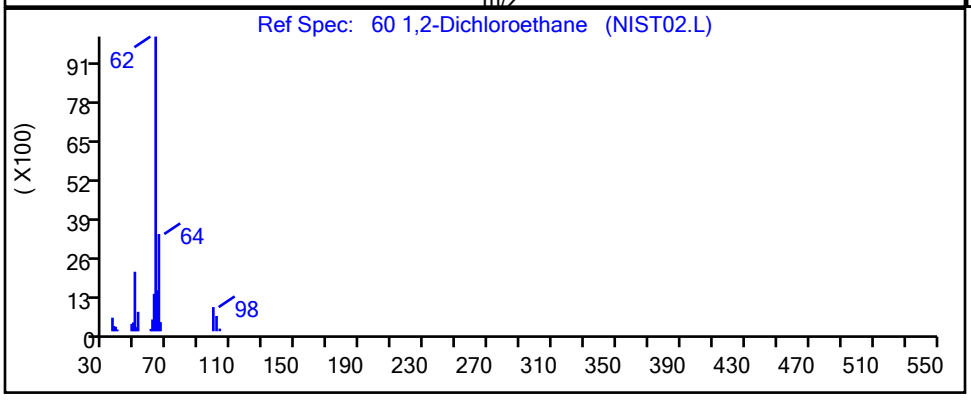
Processing Results











RT	Mass	Response	Amount
3.40	62.00	190	0.041094
3.40	64.00	2389	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

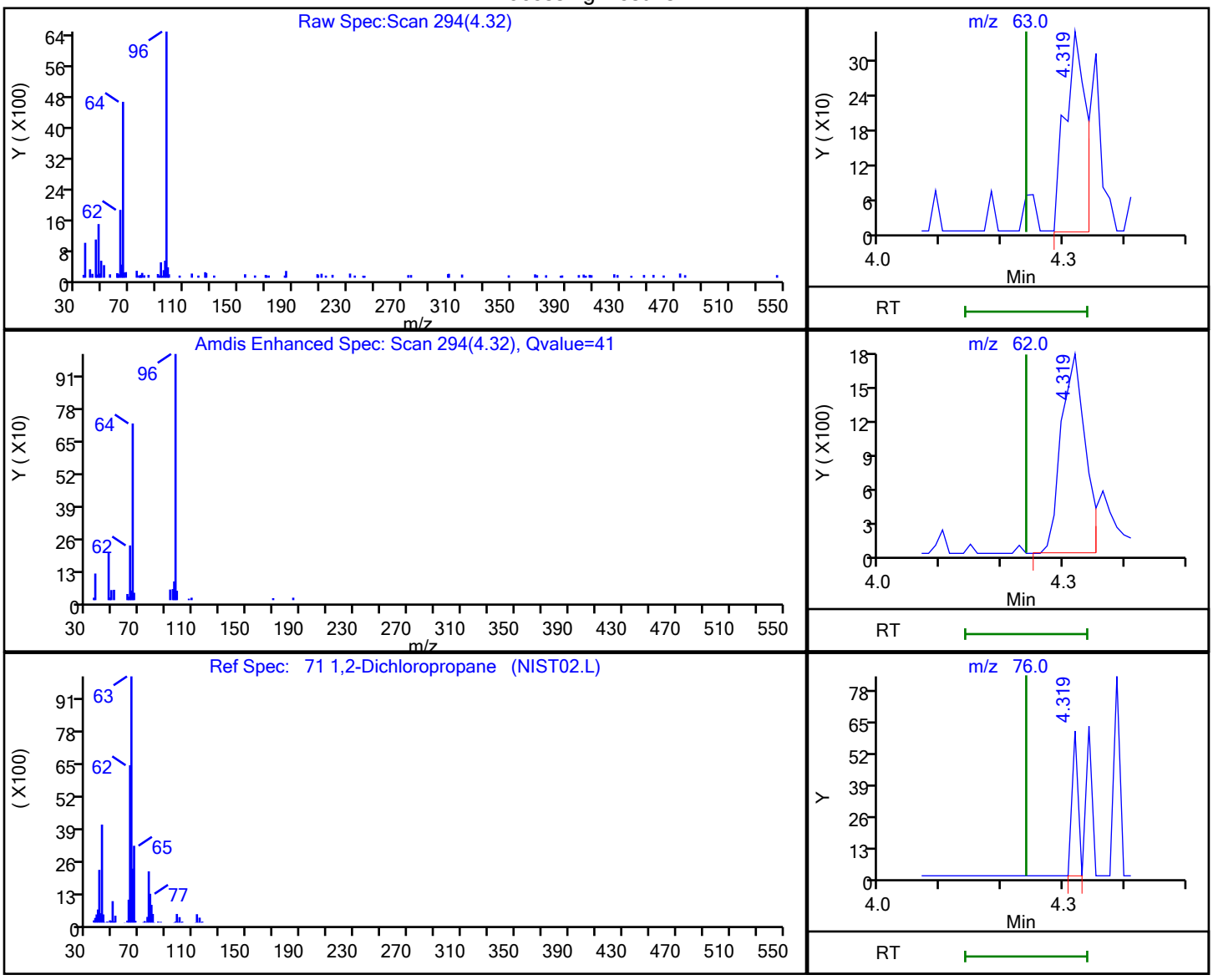
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.32	63.00	813	0.220007
4.32	62.00	4943	
4.32	76.00	42	
4.23	112.00	0	

Reviewer: NN6A, 01-Oct-2024 06:27:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

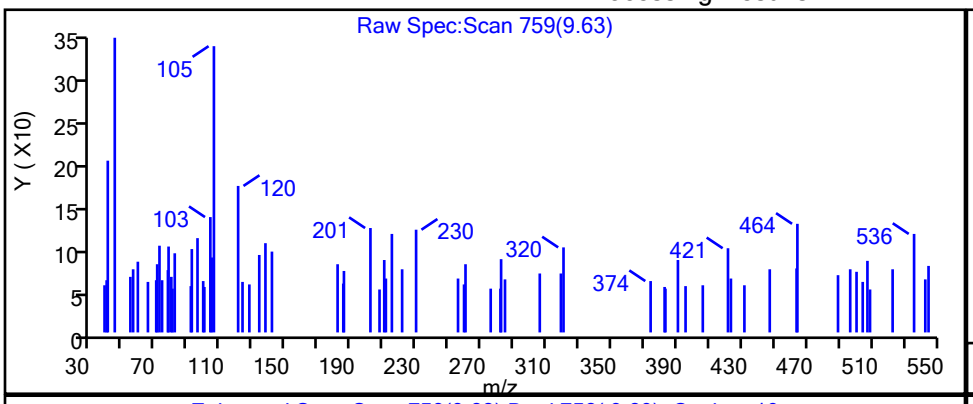
User Disabled Compound Report

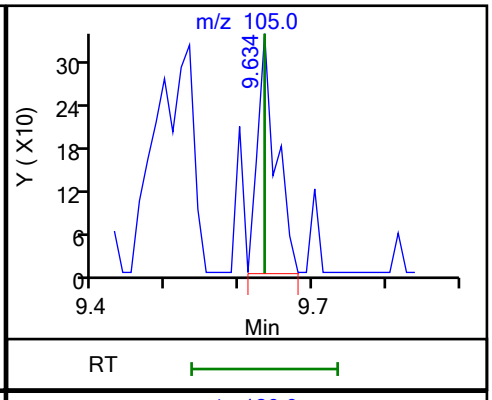
Eurofins Edison

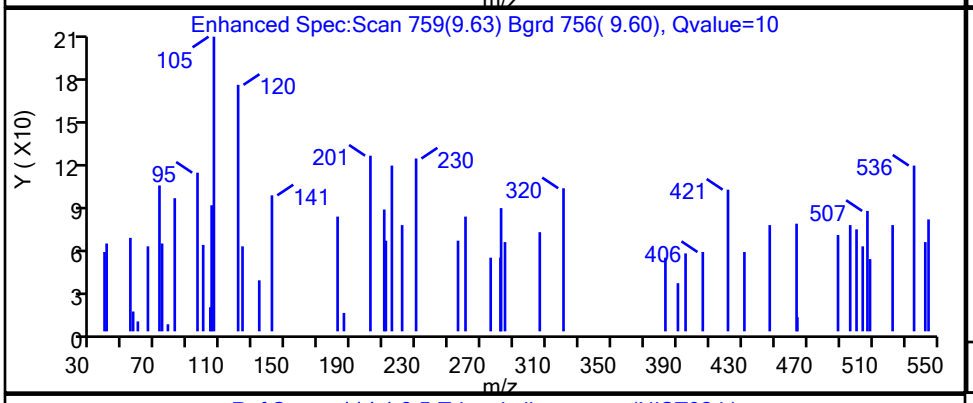
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

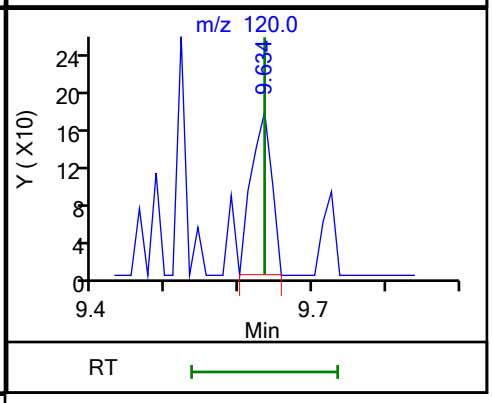
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

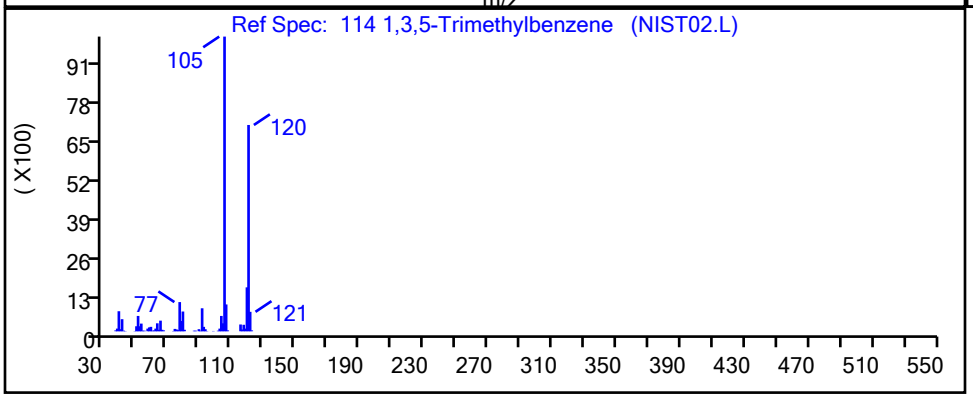
Processing Results











RT	Mass	Response	Amount
9.63	105.00	595	0.054485
9.63	120.00	339	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

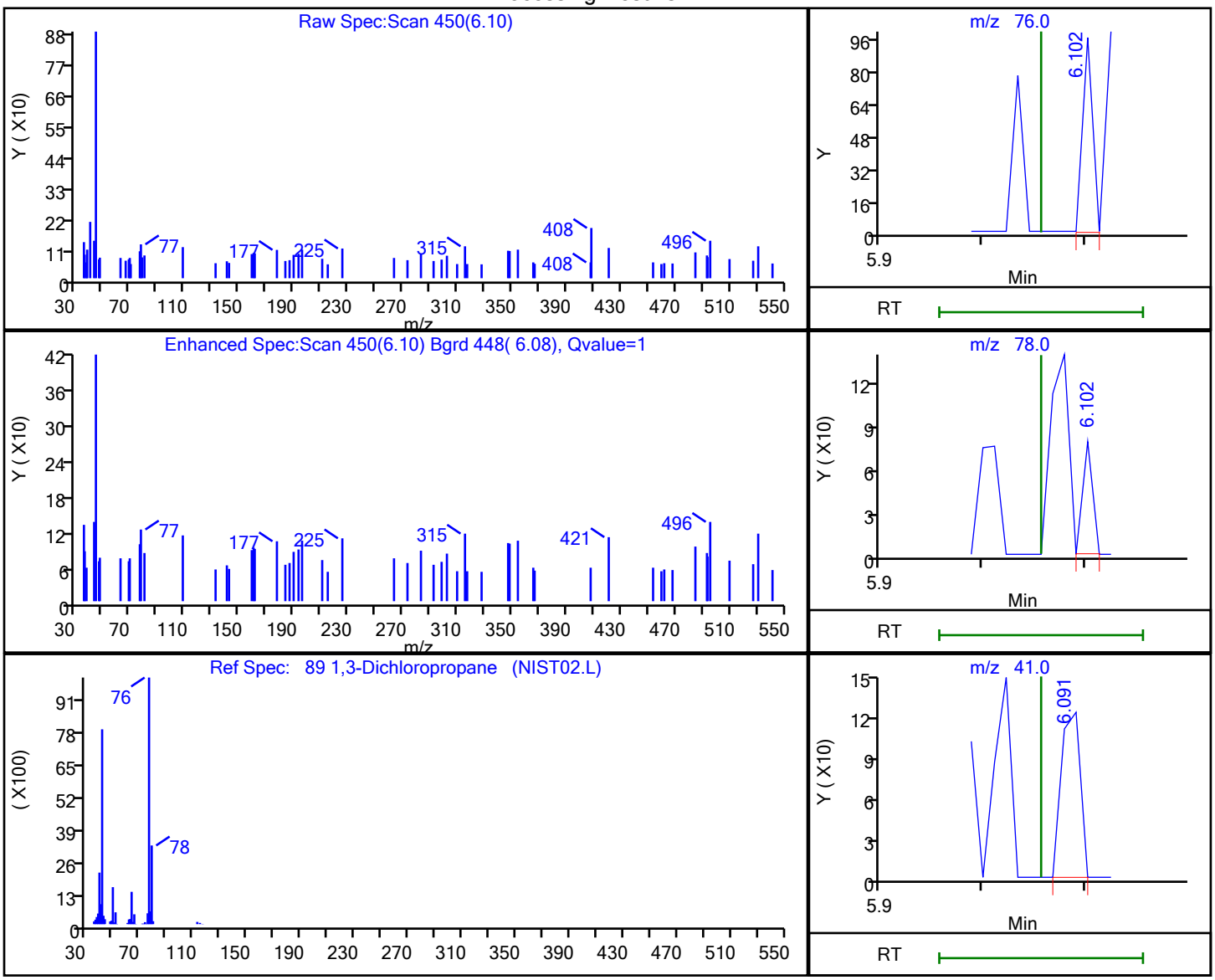
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.10	76.00	67	0.015493
6.10	78.00	51	
6.09	41.00	155	

Reviewer: NN6A, 01-Oct-2024 06:27:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

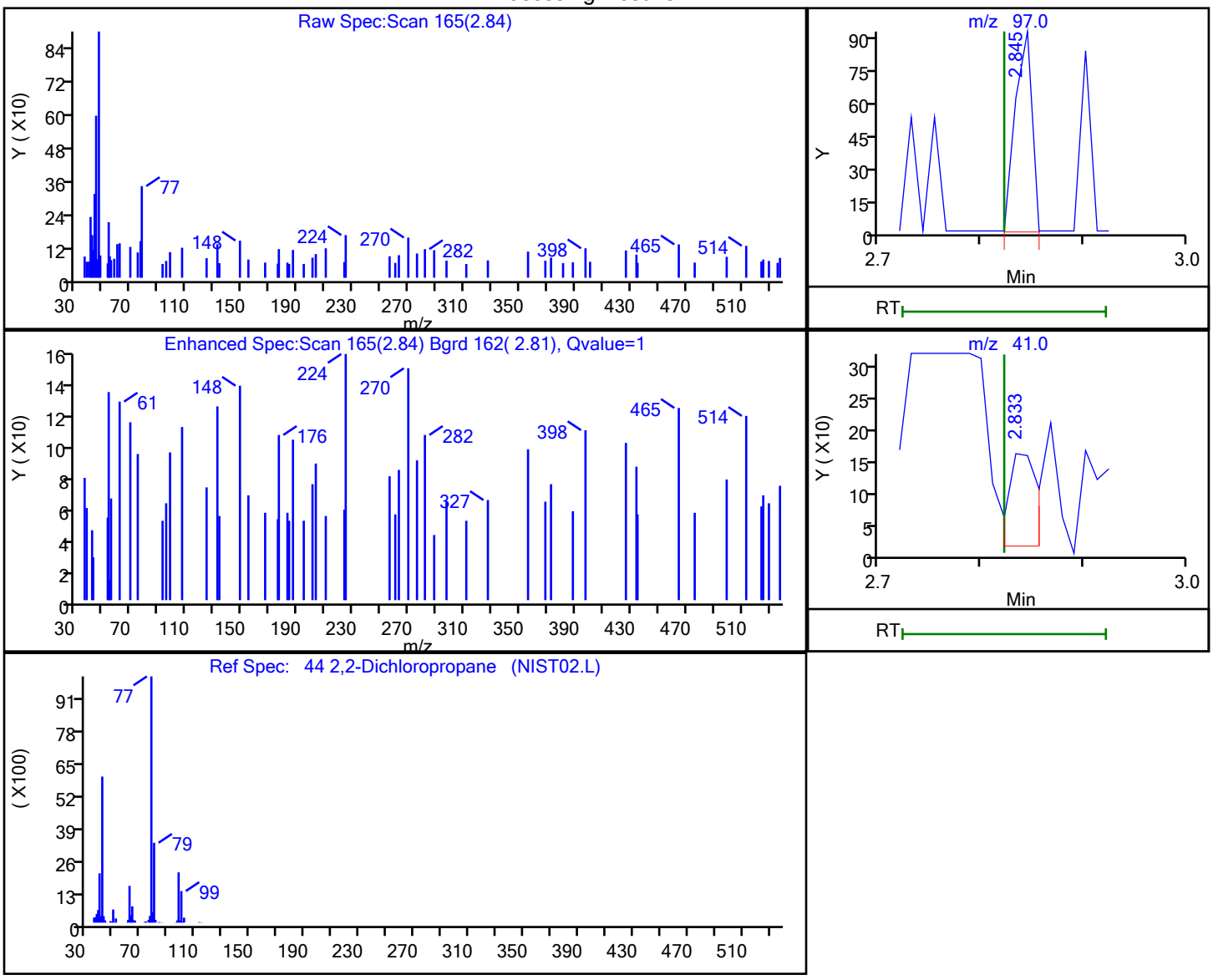
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.84	97.00	106	0.074309
2.83	41.00	291	

Reviewer: NN6A, 01-Oct-2024 06:27:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

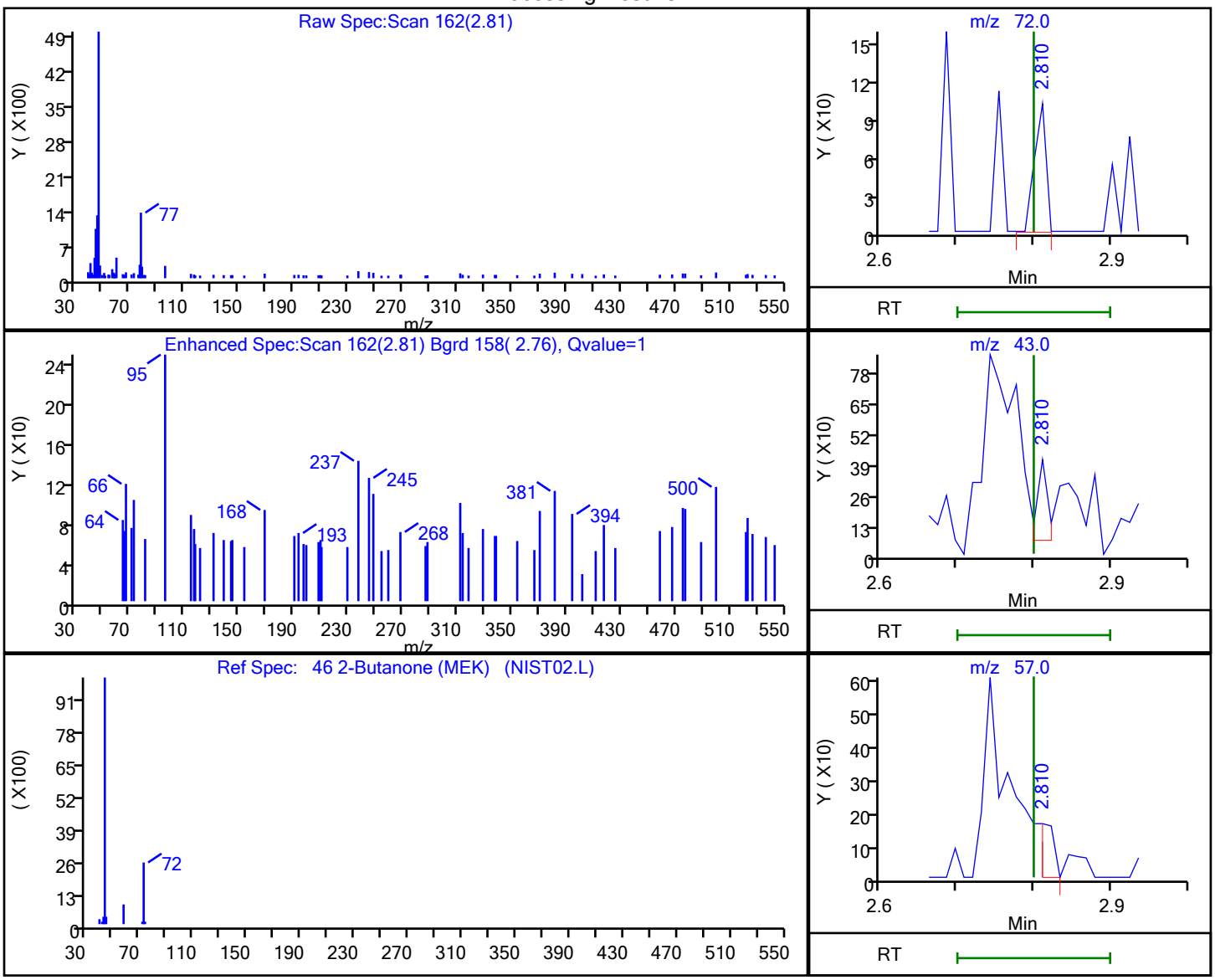
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.81	72.00	106	0.301019
2.81	43.00	331	
2.81	57.00	219	

Reviewer: NN6A, 01-Oct-2024 06:27:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

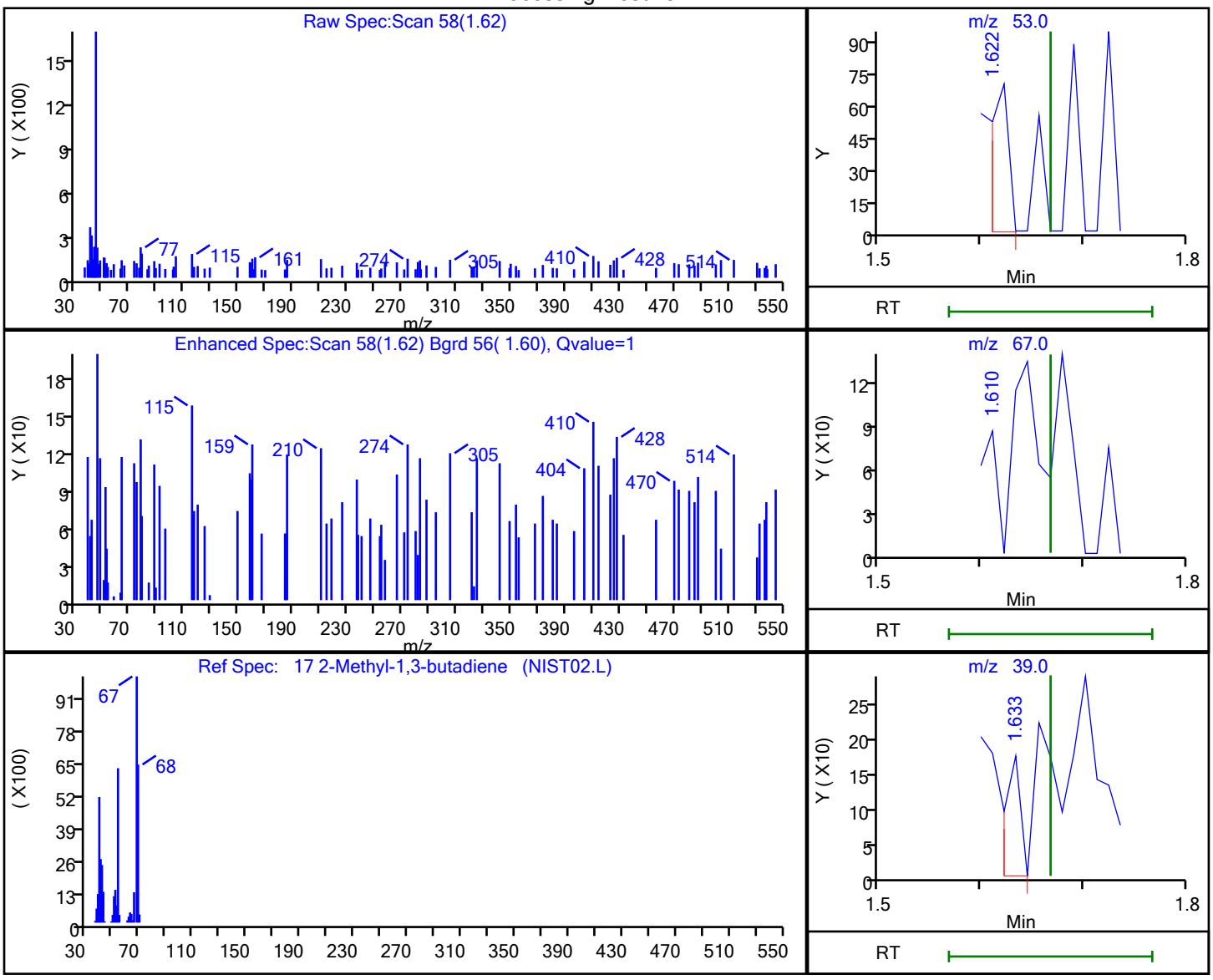
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.62	53.00	84	0.021537
1.61	67.00	95	
1.63	39.00	182	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

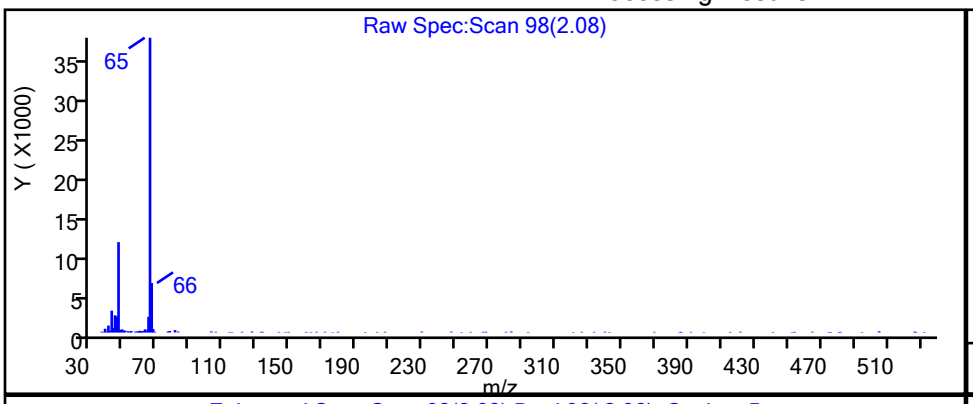
User Disabled Compound Report

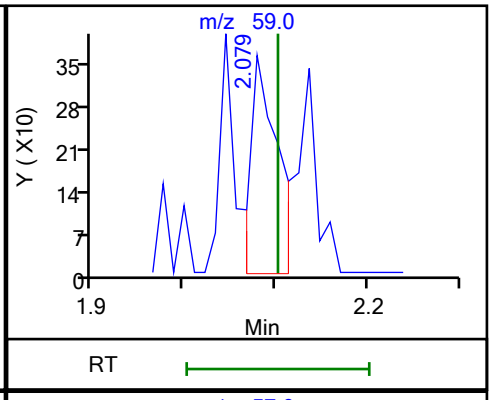
Eurofins Edison

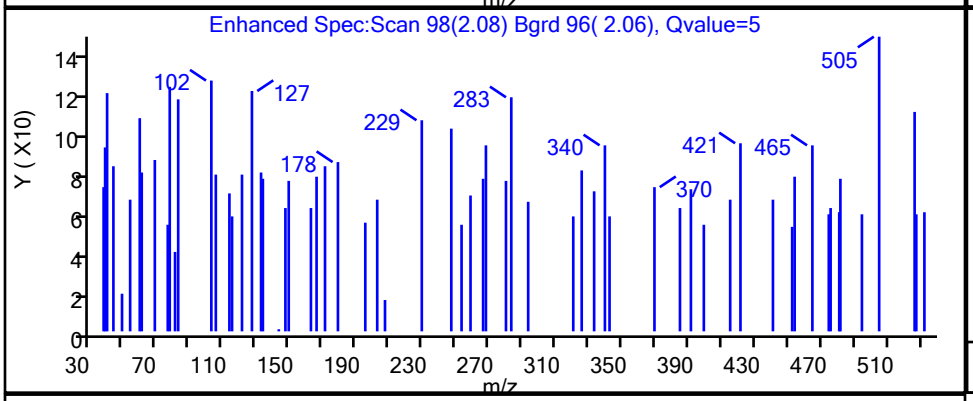
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

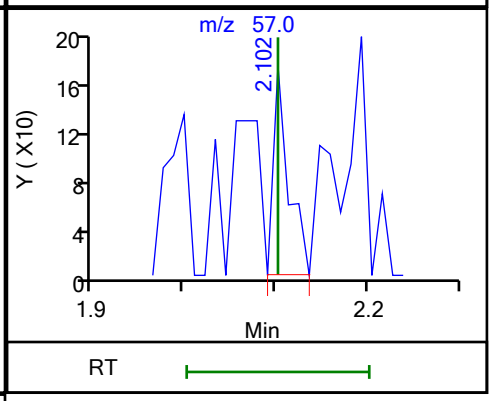
32 2-Methyl-2-propanol, CAS: 75-65-0

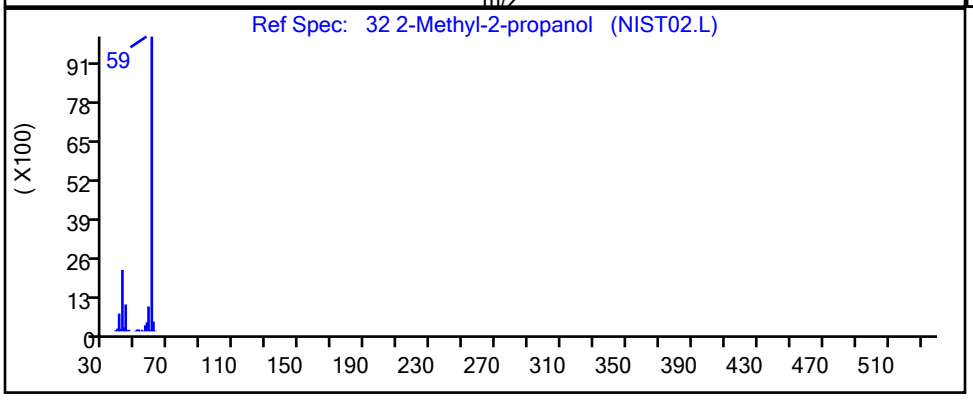
Processing Results











RT	Mass	Response	Amount
2.08	59.00	739	2.286994
2.10	57.00	195	

Reviewer: NN6A, 01-Oct-2024 06:26:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

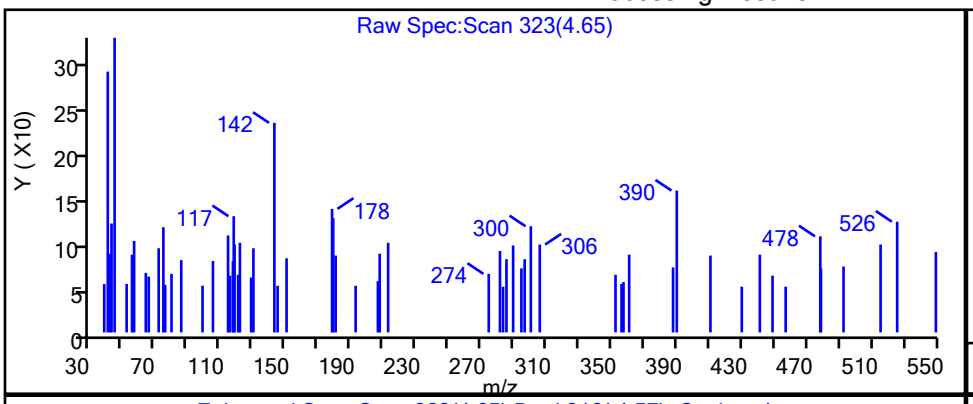
User Disabled Compound Report

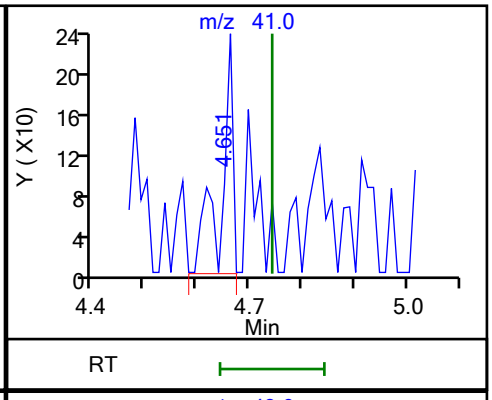
Eurofins Edison

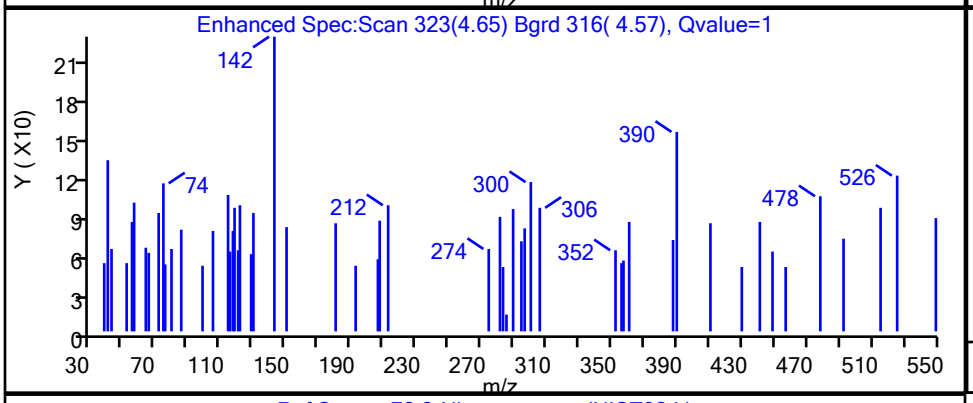
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

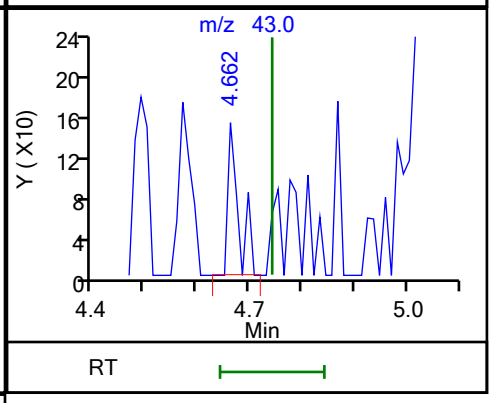
78 2-Nitropropane, CAS: 79-46-9

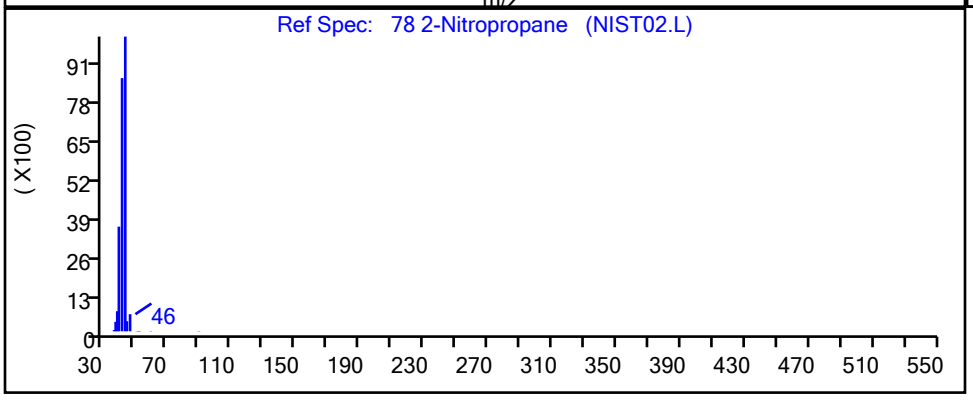
Processing Results











RT	Mass	Response	Amount
4.65	41.00	357	0.569835
4.66	43.00	212	

Reviewer: NN6A, 01-Oct-2024 06:27:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

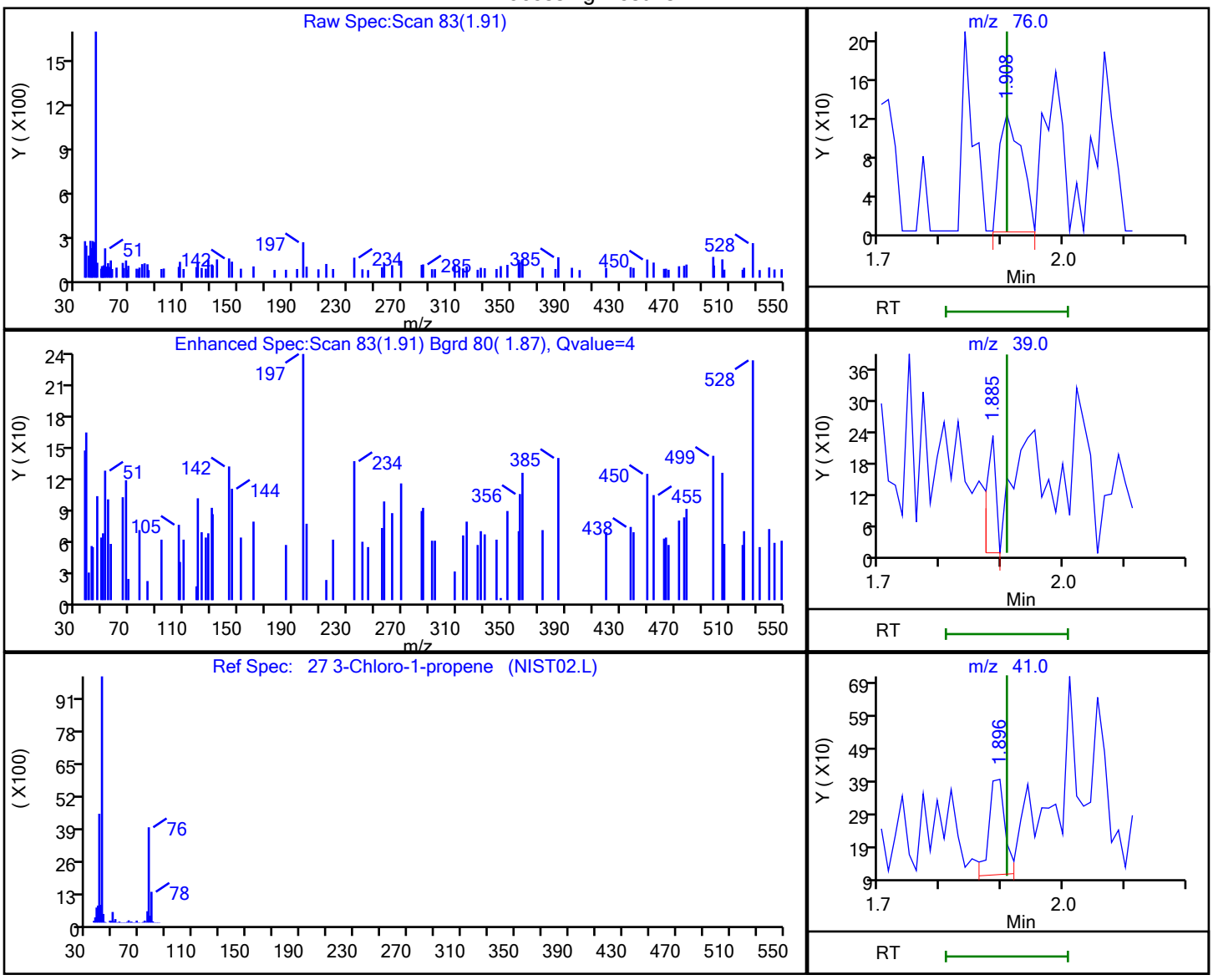
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.91	76.00	307	0.016475
1.88	39.00	237	
1.90	41.00	547	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

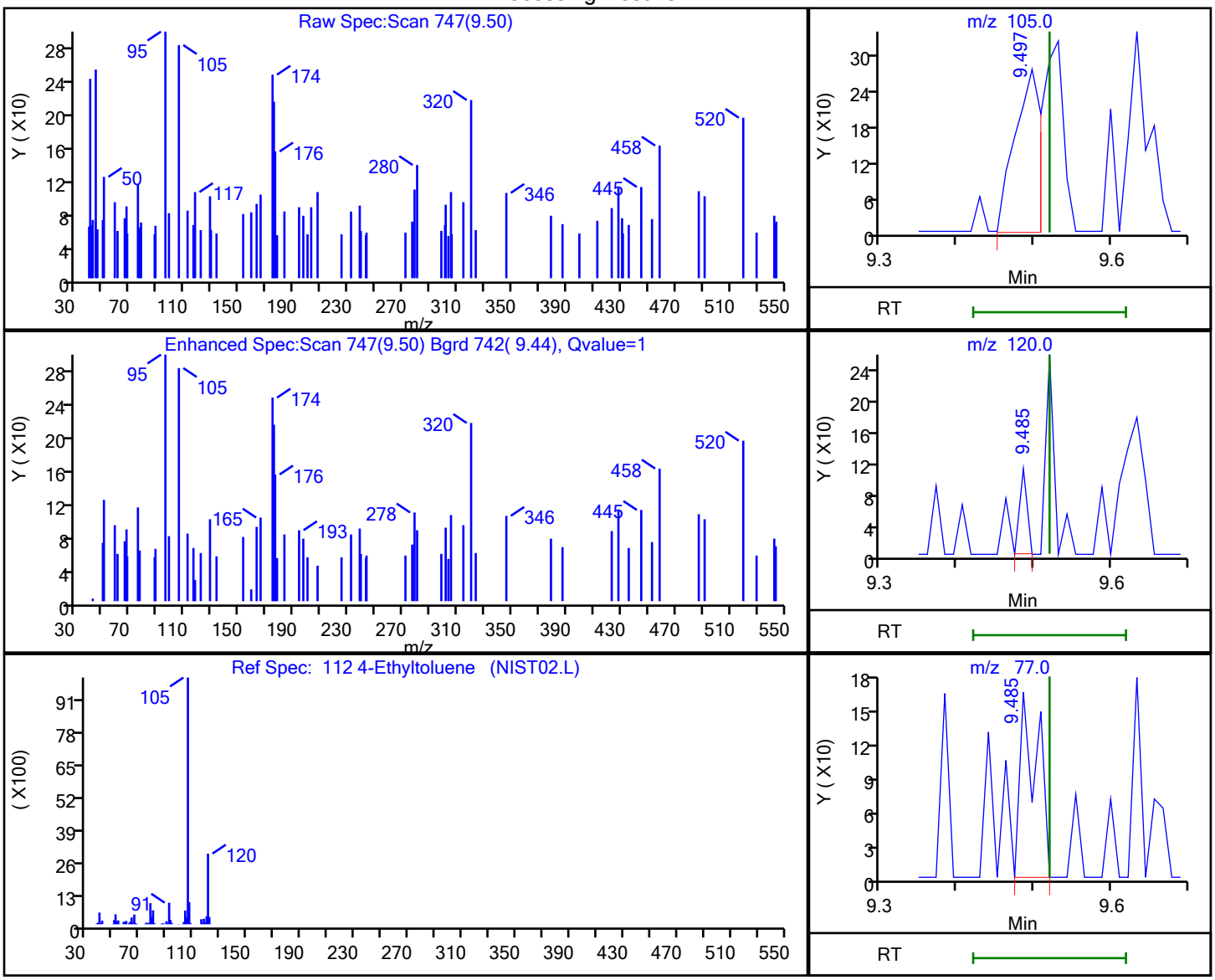
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.50	105.00	654	0.057638
9.49	120.00	75	
9.49	77.00	257	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

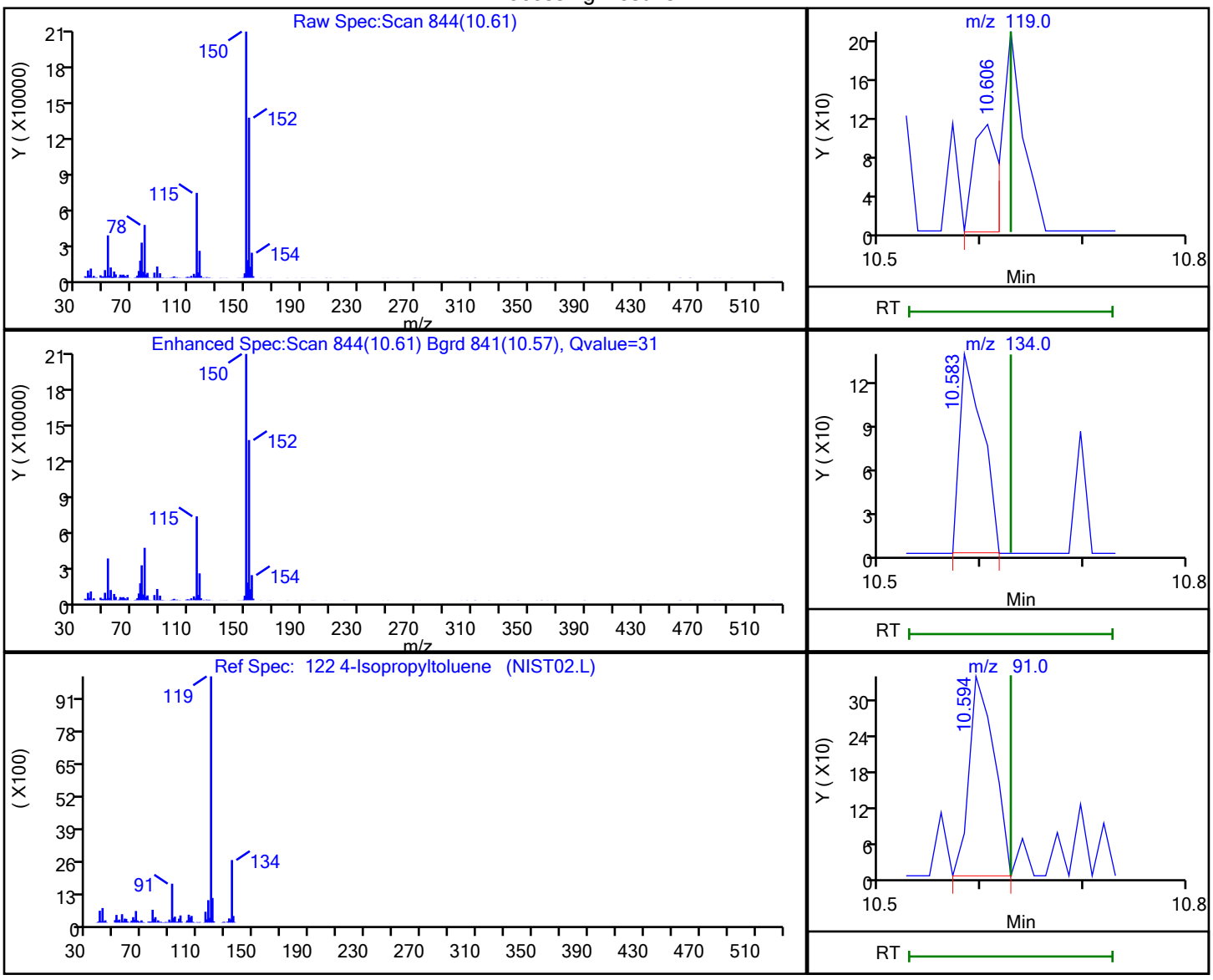
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.61	119.00	187	0.017195
10.58	134.00	217	
10.59	91.00	573	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
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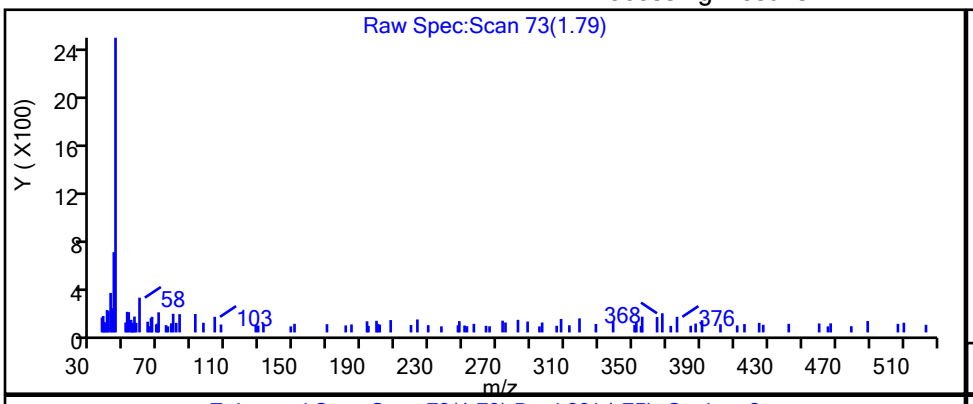
User Disabled Compound Report

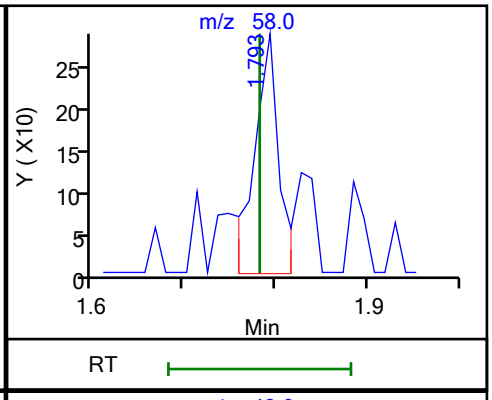
Eurofins Edison

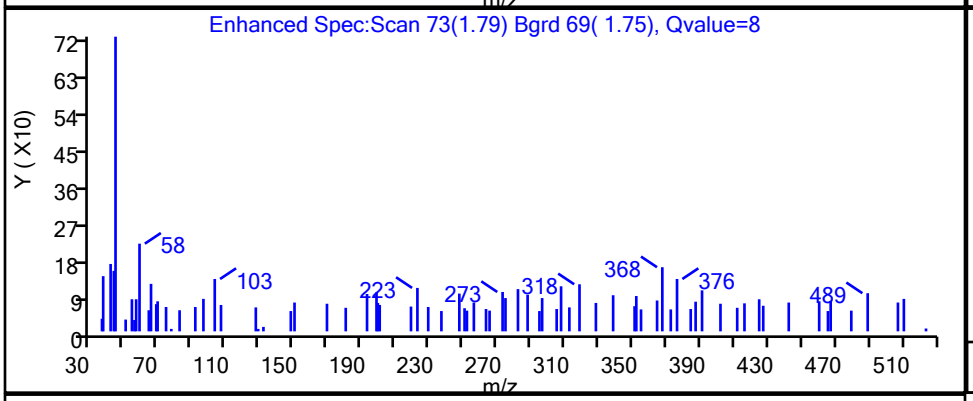
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

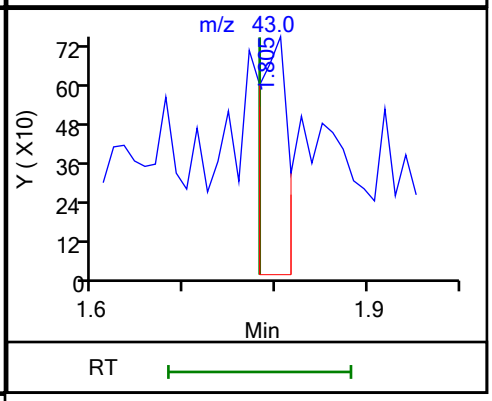
22 Acetone, CAS: 67-64-1

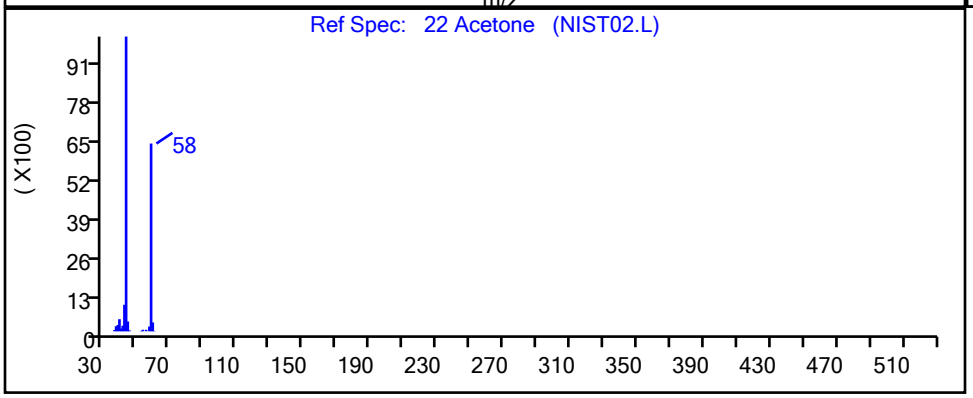
Processing Results











RT	Mass	Response	Amount
1.79	58.00	540	0.519700
1.80	43.00	1592	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

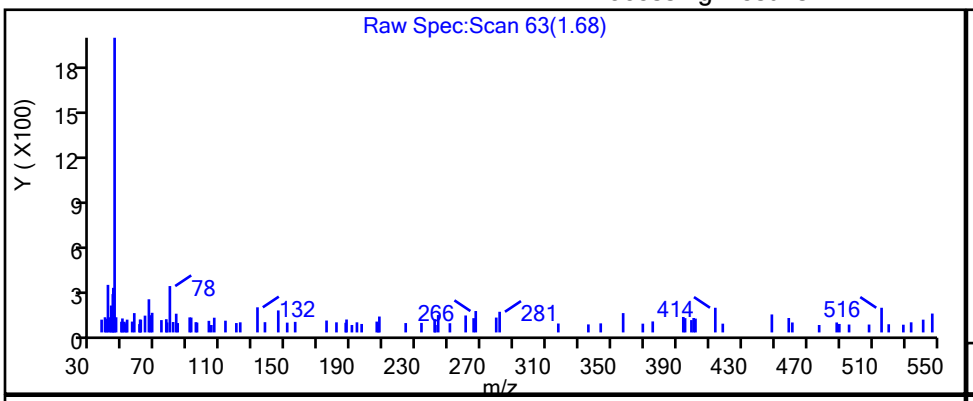
User Disabled Compound Report

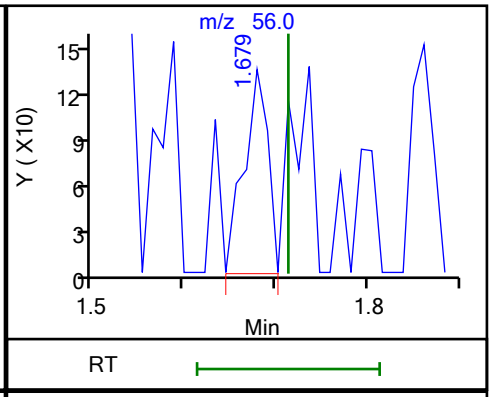
Eurofins Edison

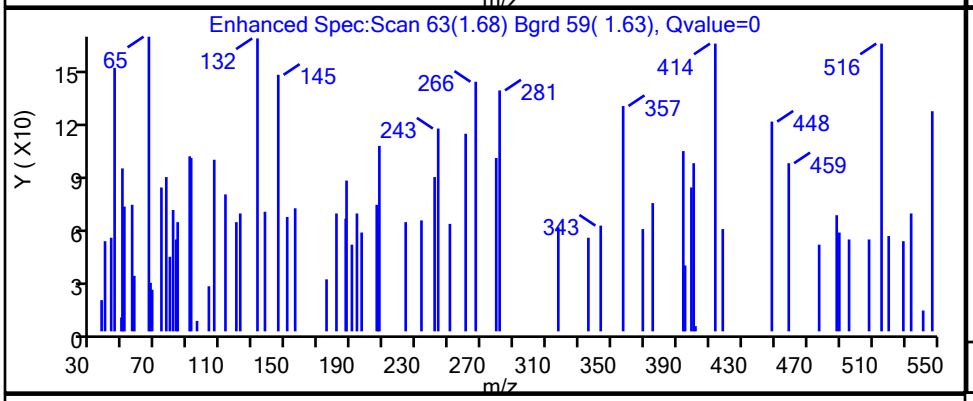
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

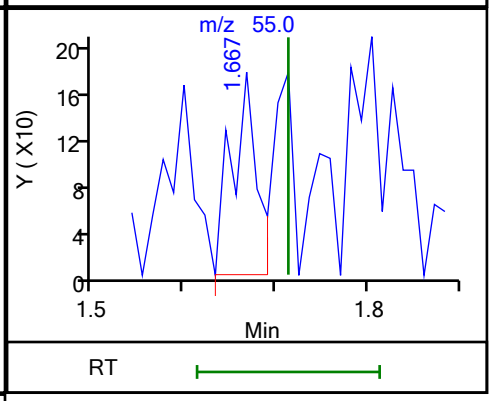
19 Acrolein, CAS: 107-02-8

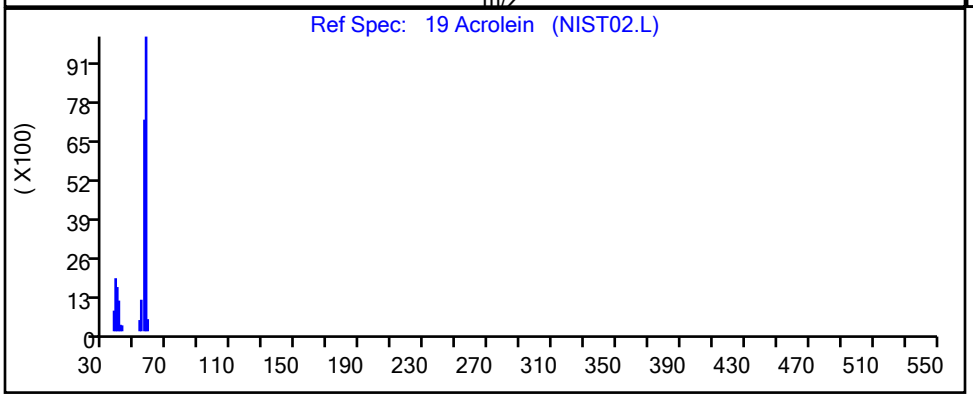
Processing Results











RT	Mass	Response	Amount
1.68	56.00	236	0.331972
1.67	55.00	333	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

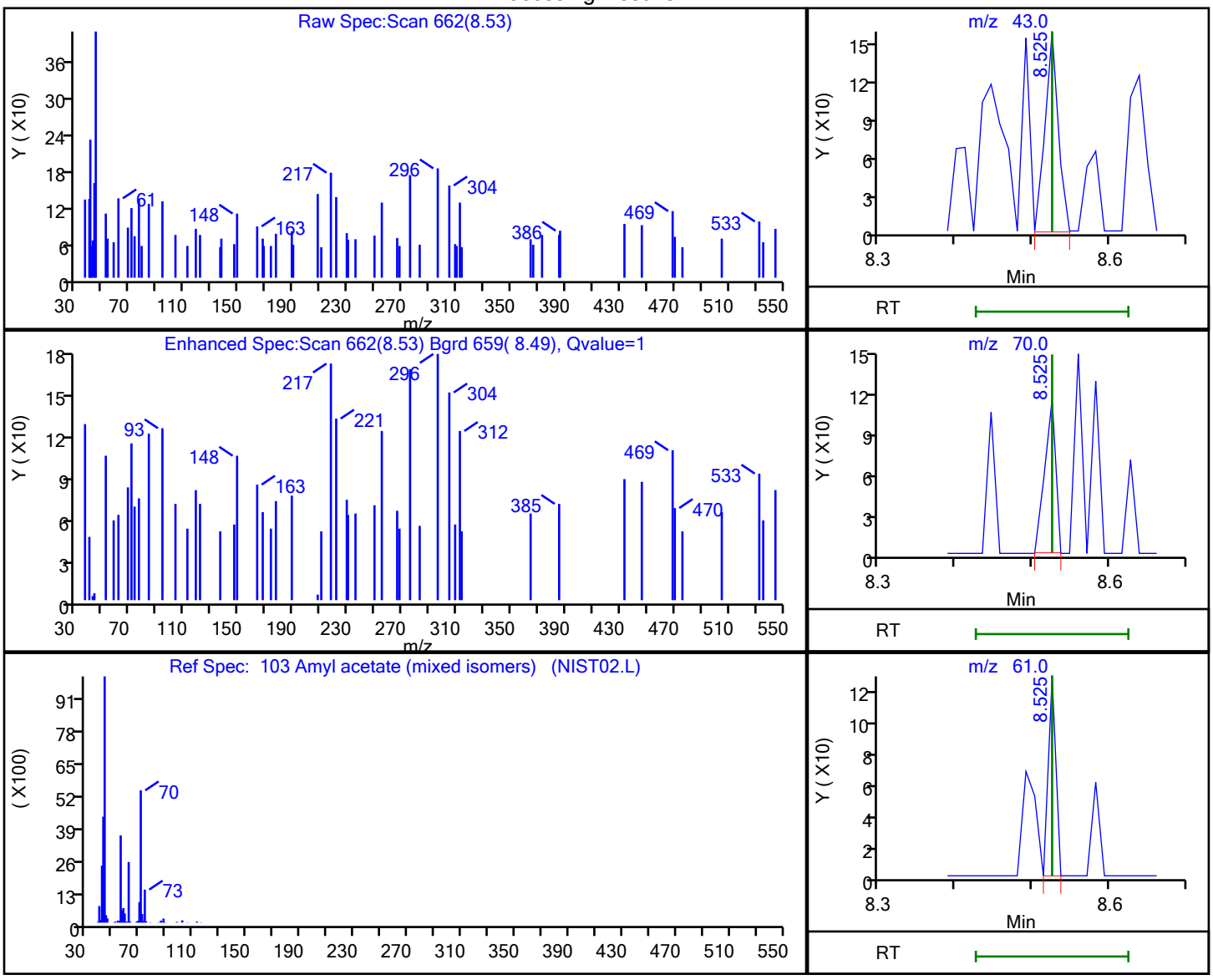
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.53	43.00	186	0.033811
8.53	70.00	115	
8.53	61.00	89	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

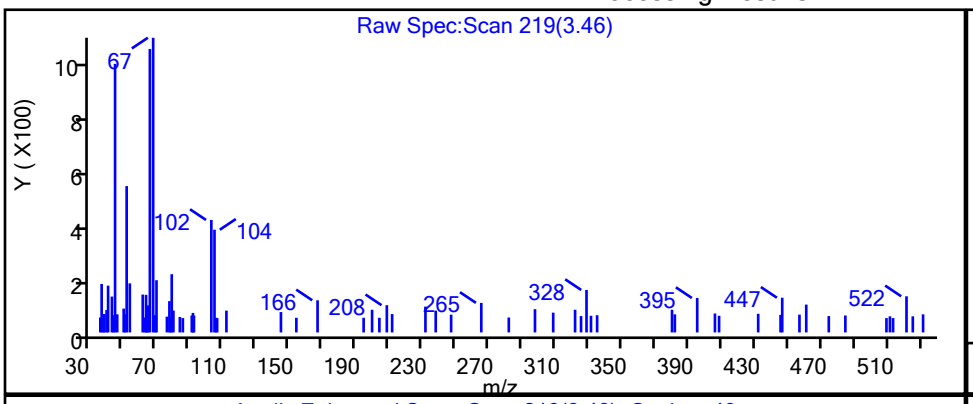
User Disabled Compound Report

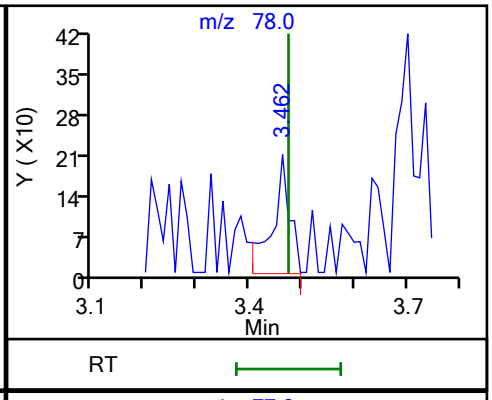
Eurofins Edison

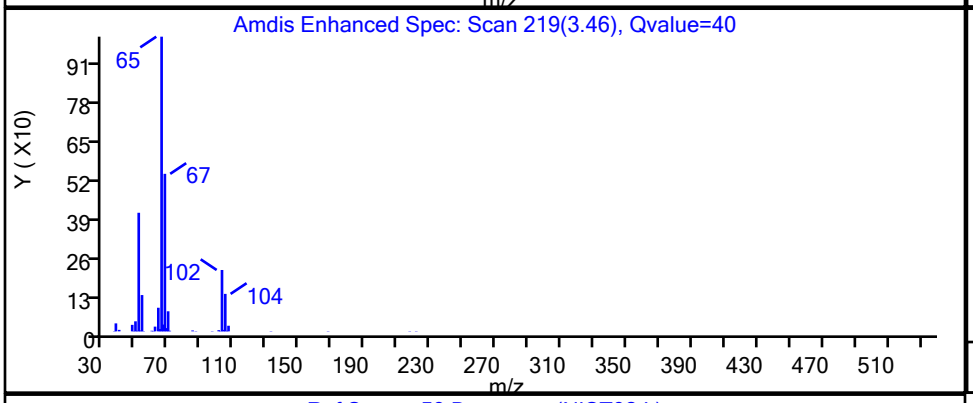
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

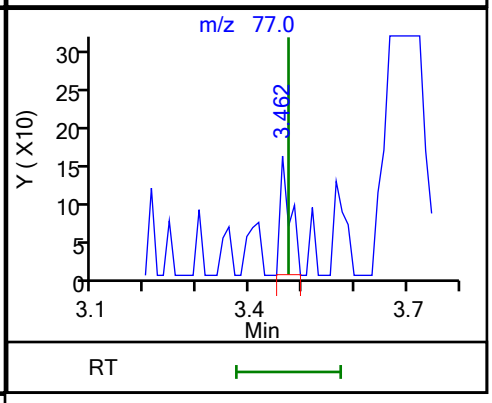
59 Benzene, CAS: 71-43-2

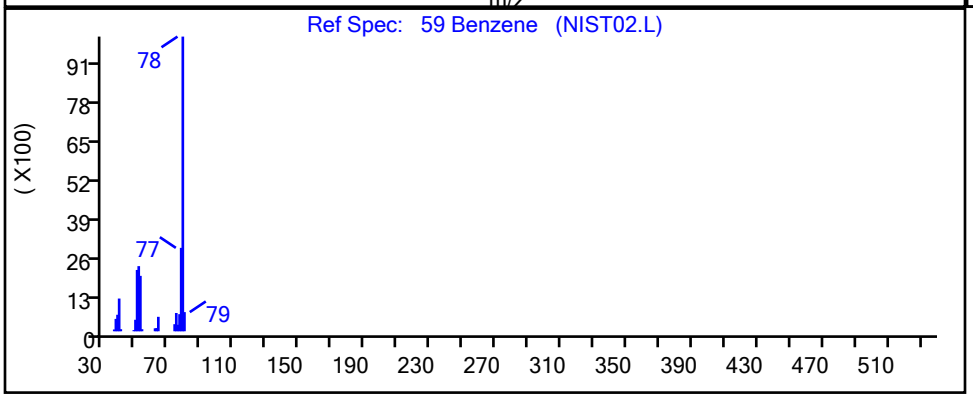
Processing Results











RT	Mass	Response	Amount
3.46	78.00	465	0.031629
3.46	77.00	220	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

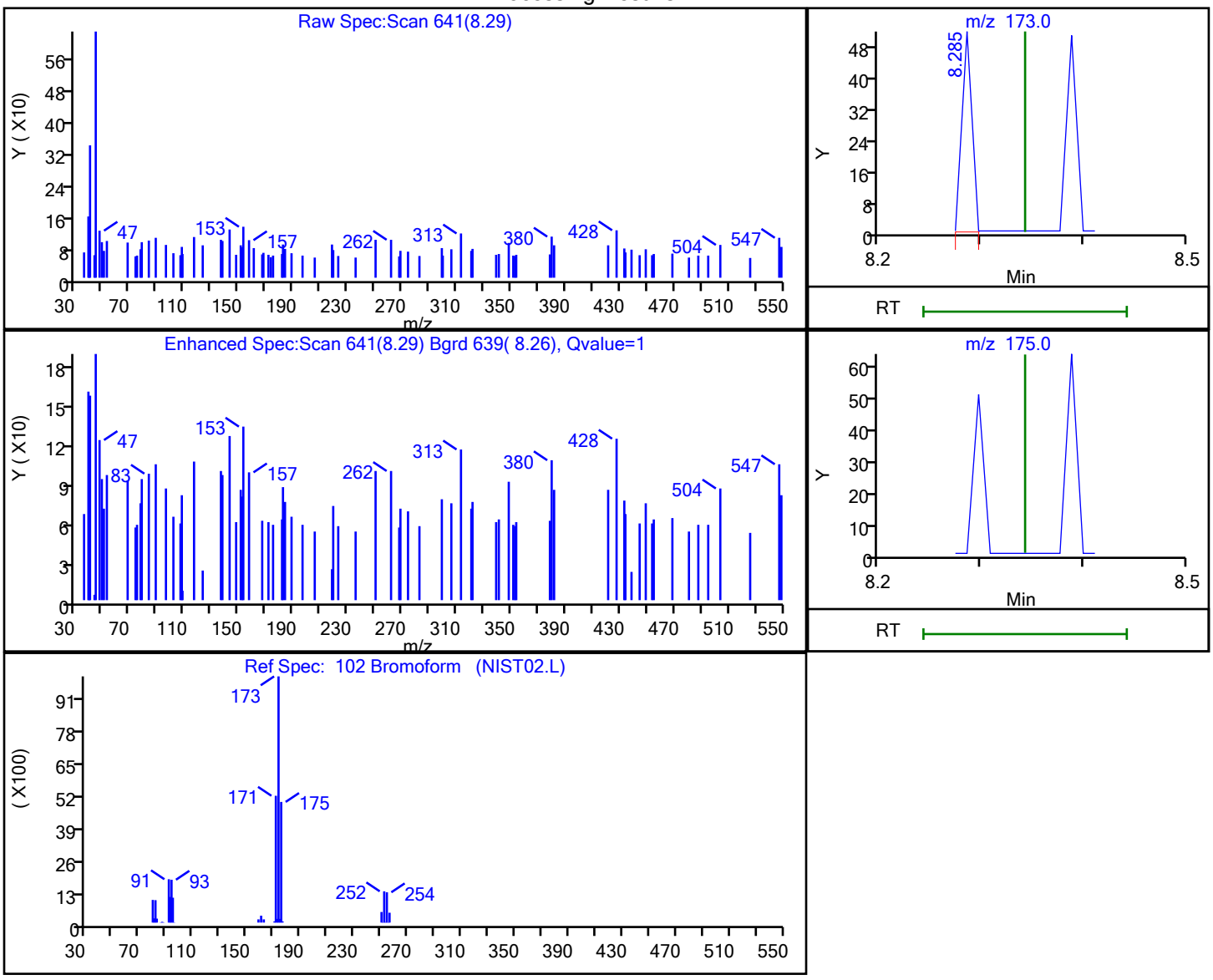
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

102 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.29	173.00	36	0.022846
8.34	175.00	0	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

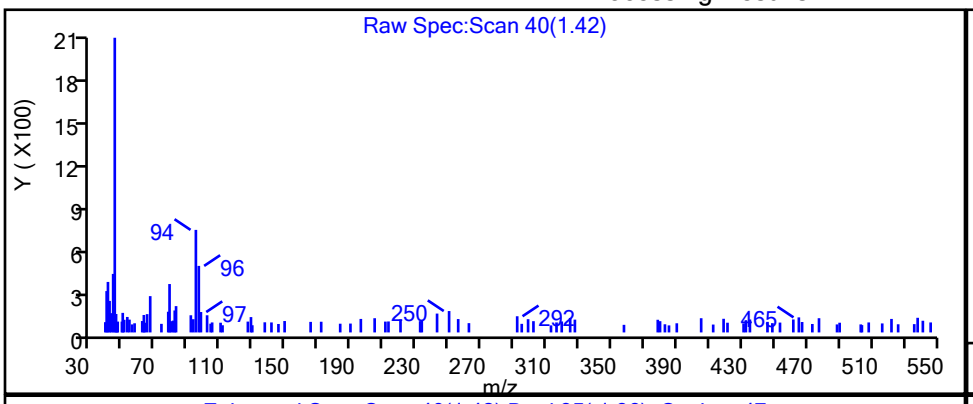
User Disabled Compound Report

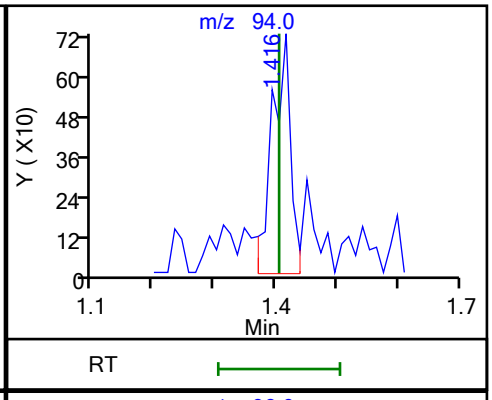
Eurofins Edison

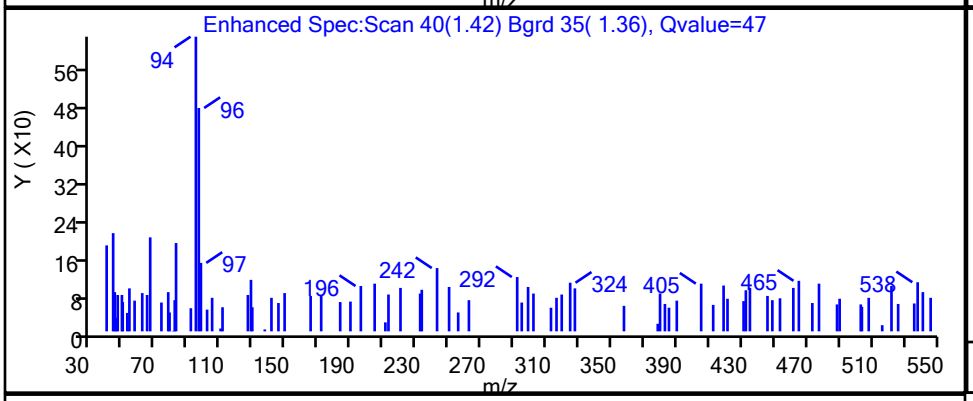
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

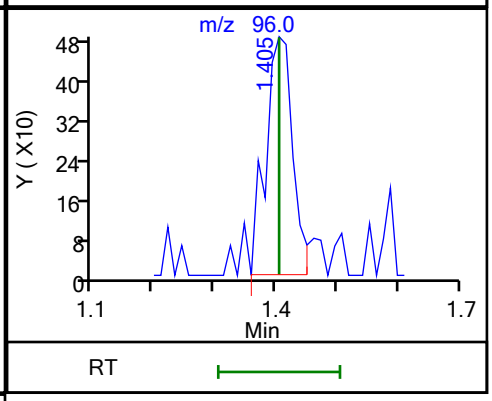
9 Bromomethane, CAS: 74-83-9

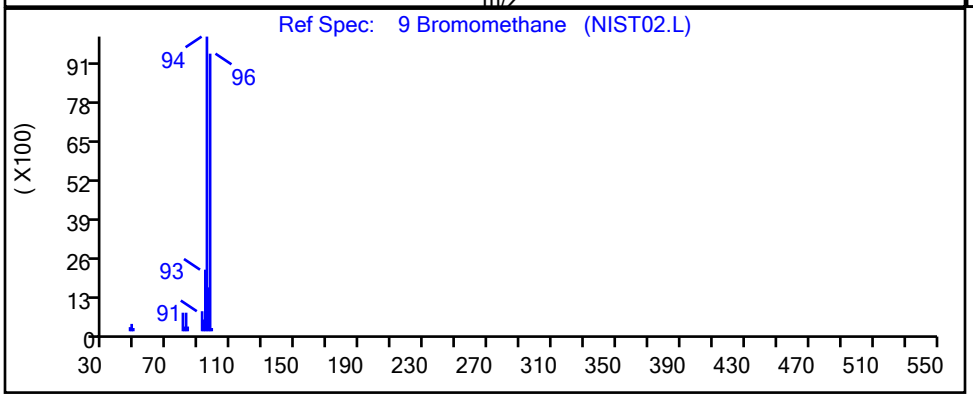
Processing Results











RT	Mass	Response	Amount
1.42	94.00	1551	0.362700
1.40	96.00	1508	

Reviewer: NN6A, 01-Oct-2024 06:26:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

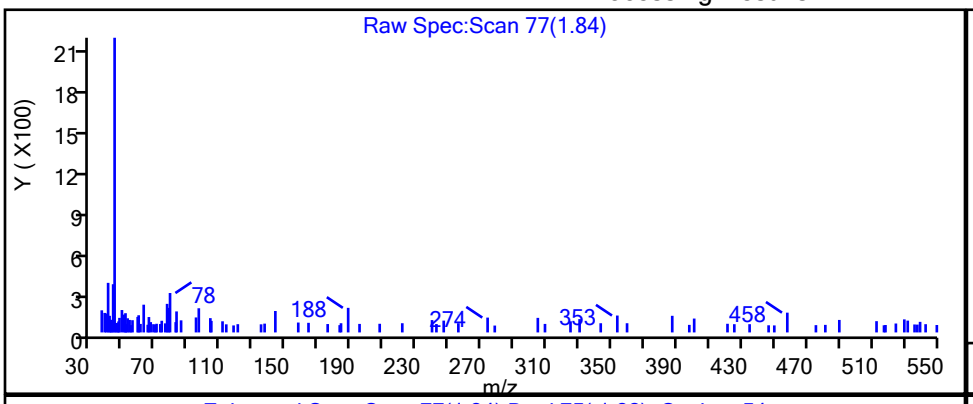
User Disabled Compound Report

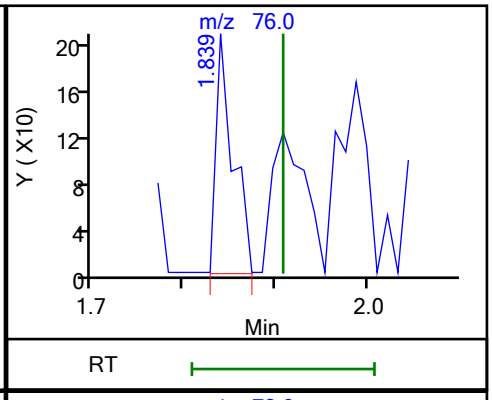
Eurofins Edison

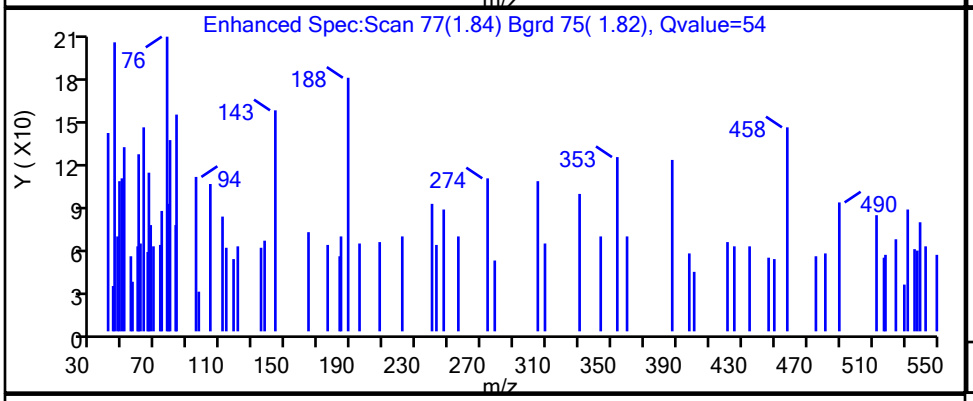
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

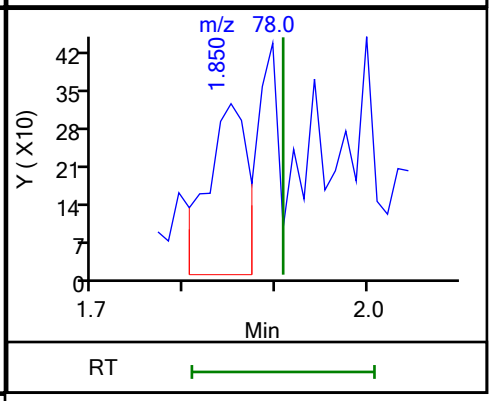
25 Carbon disulfide, CAS: 75-15-0

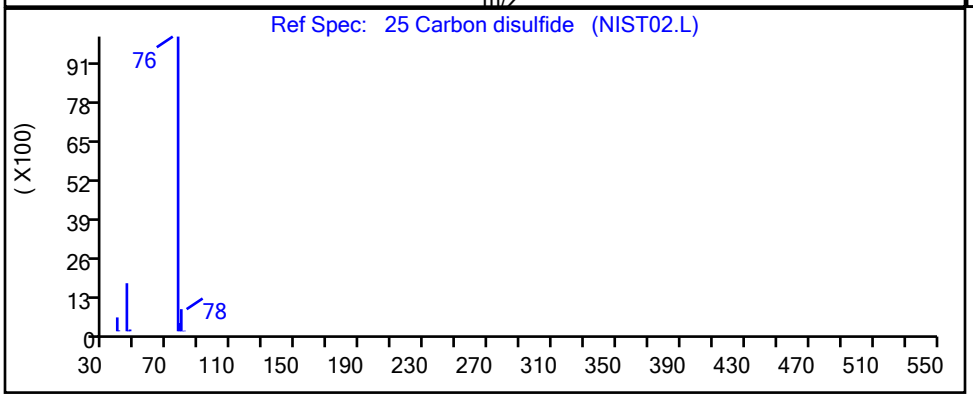
Processing Results











RT	Mass	Response	Amount
1.84	76.00	266	0.014291
1.85	78.00	1027	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

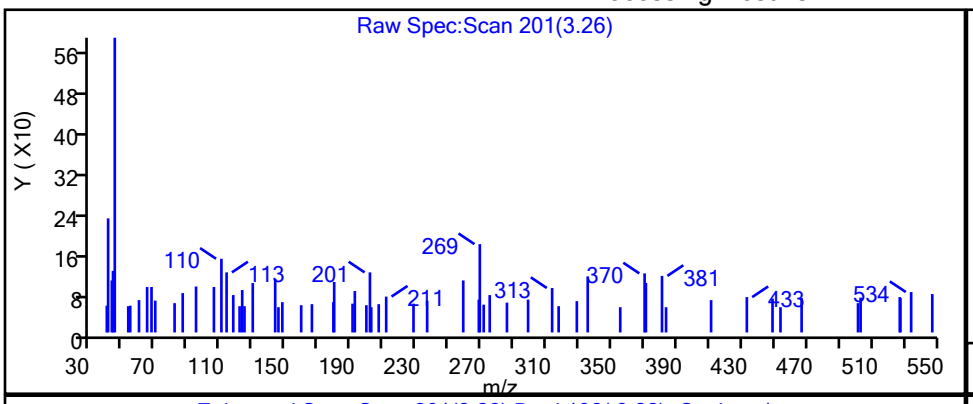
User Disabled Compound Report

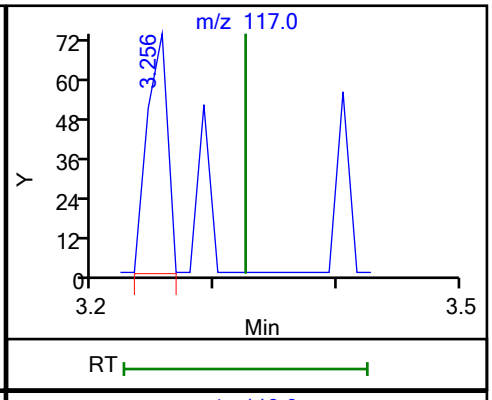
Eurofins Edison

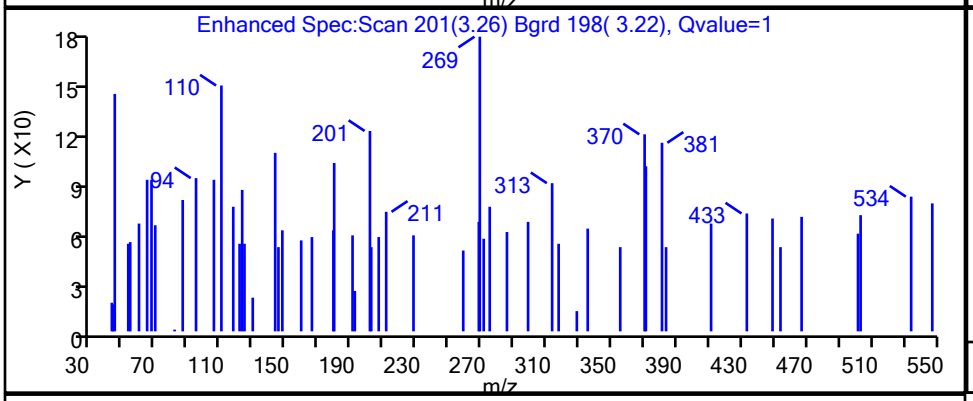
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

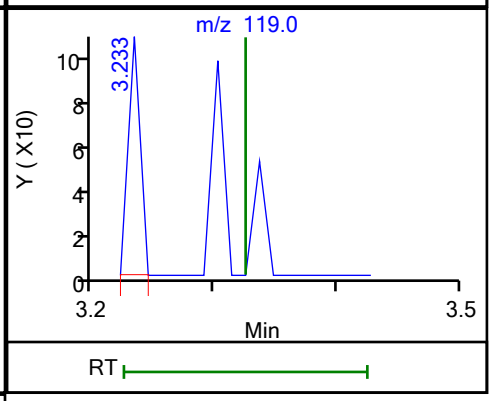
56 Carbon tetrachloride, CAS: 56-23-5

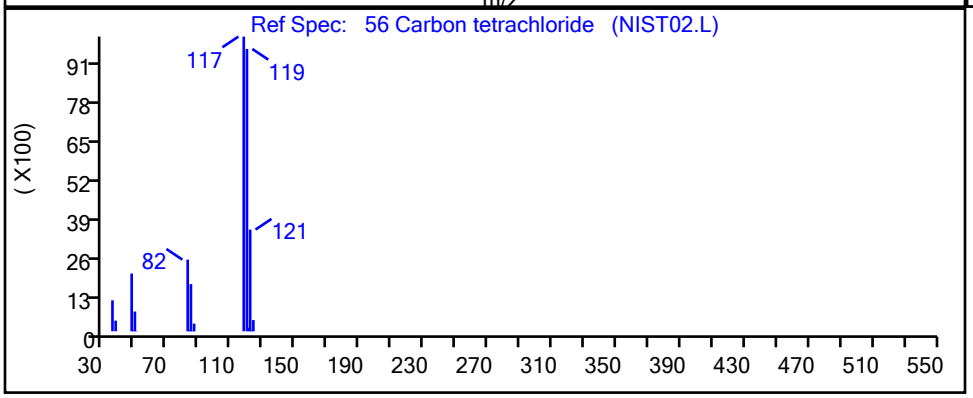
Processing Results











RT	Mass	Response	Amount
3.26	117.00	86	0.018086
3.23	119.00	75	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

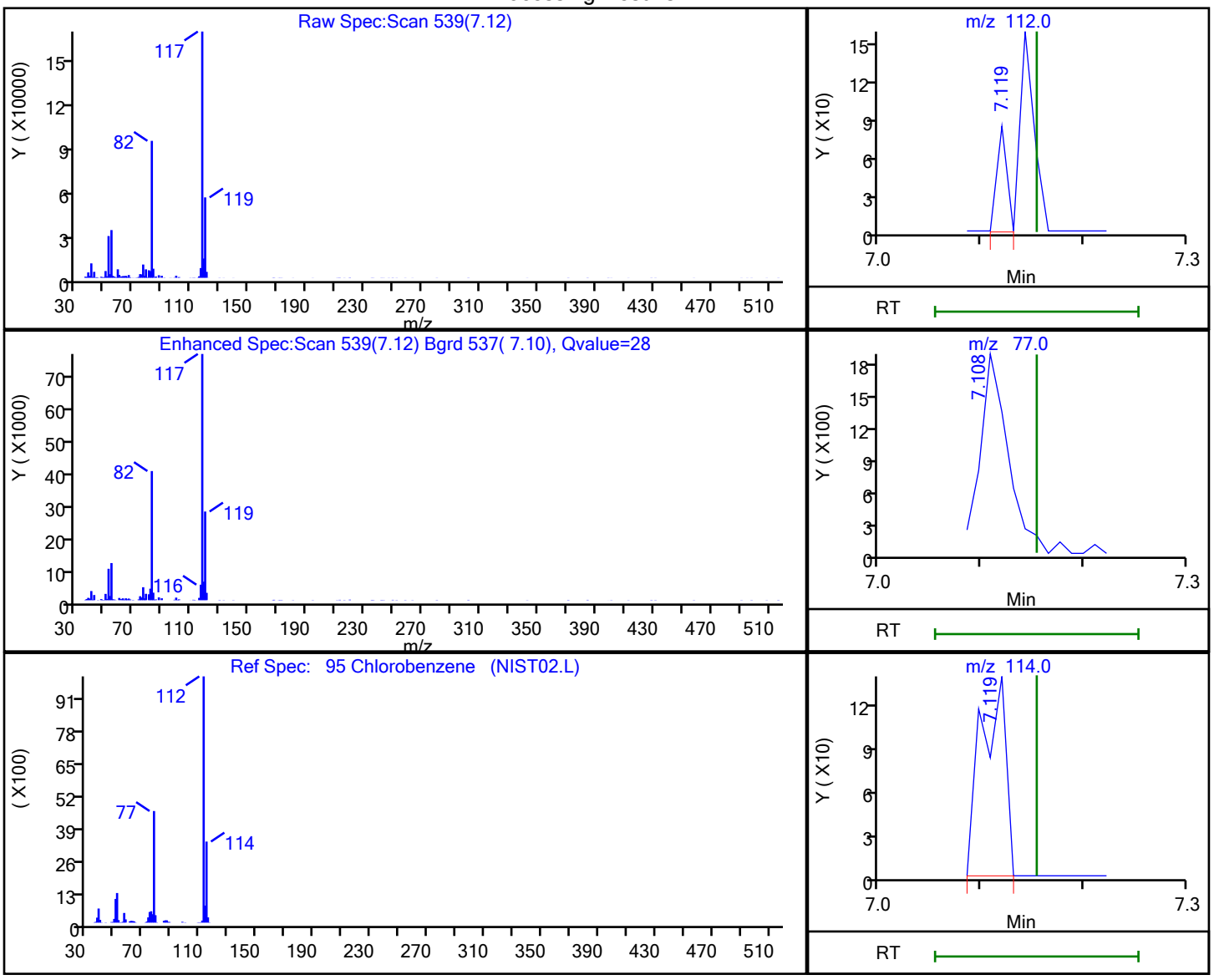
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.12	112.00	57	0.007366
7.11	77.00	3642	
7.12	114.00	225	

Reviewer: NN6A, 01-Oct-2024 06:27:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

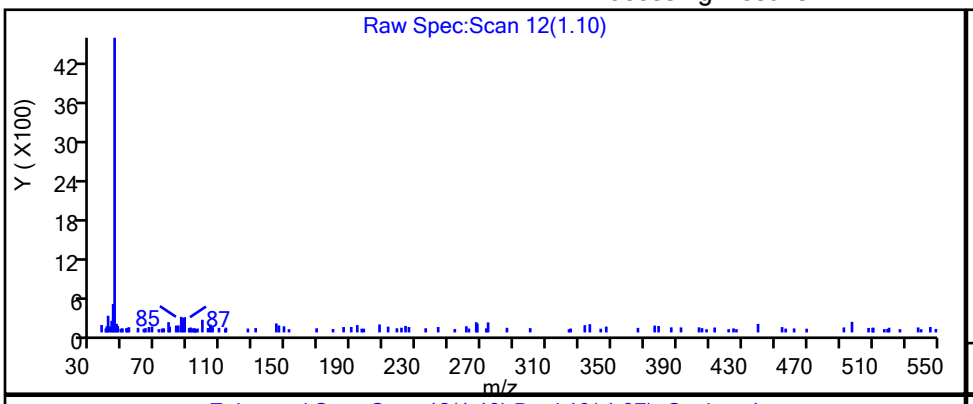
User Disabled Compound Report

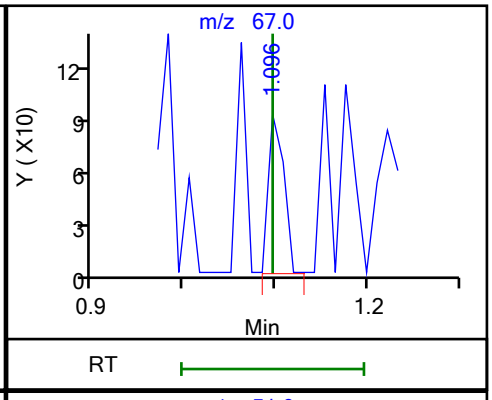
Eurofins Edison

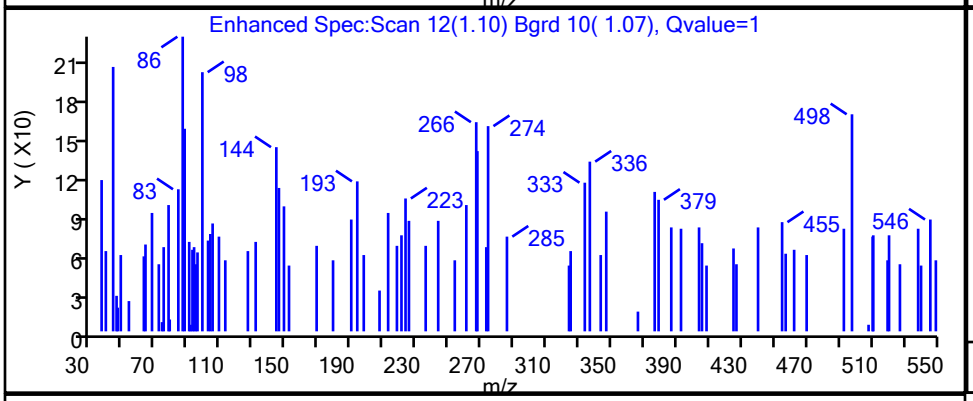
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

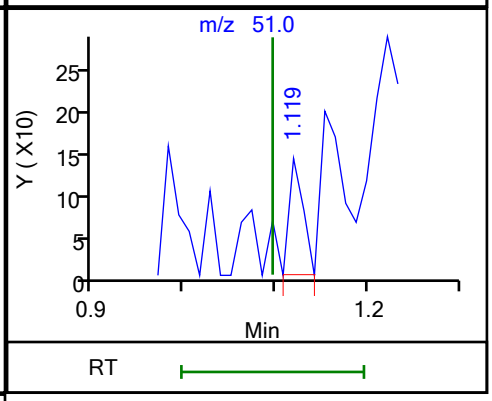
5 Chlorodifluoromethane, CAS: 75-45-6

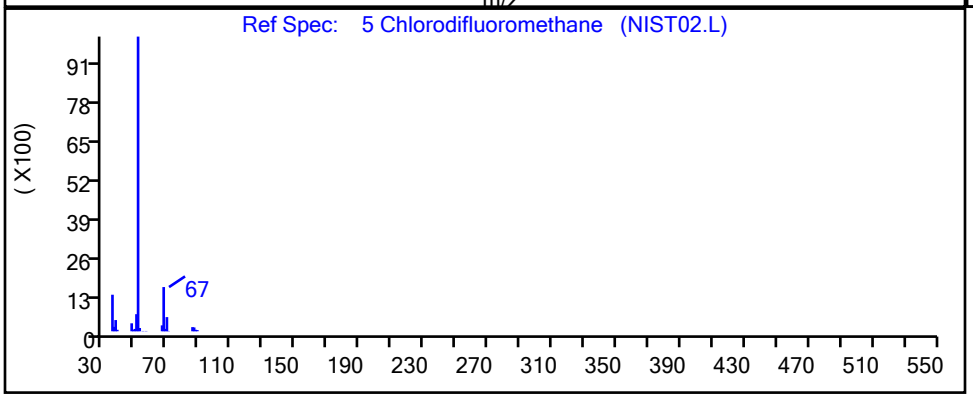
Processing Results











RT	Mass	Response	Amount
1.10	67.00	105	0.117533
1.12	51.00	150	

Reviewer: NN6A, 01-Oct-2024 06:26:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

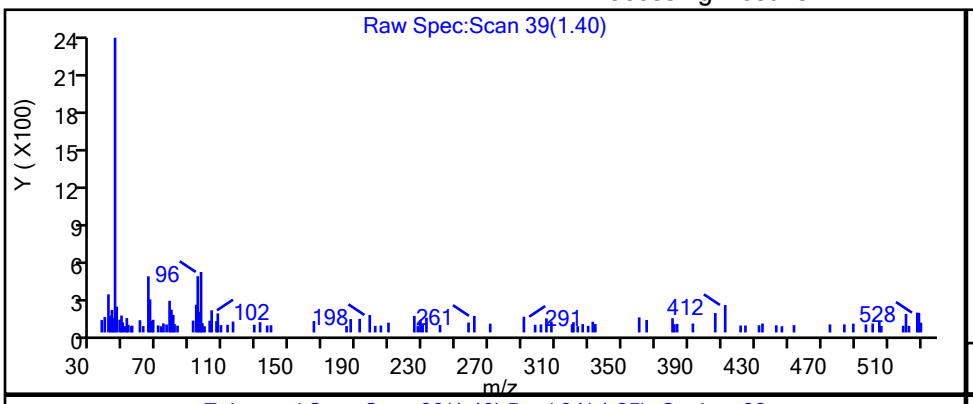
User Disabled Compound Report

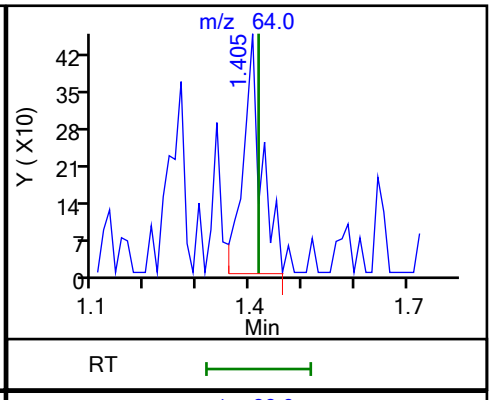
Eurofins Edison

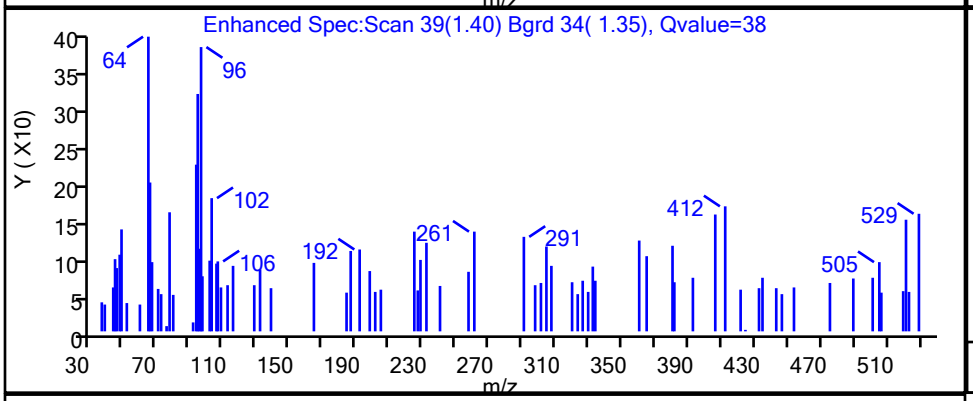
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

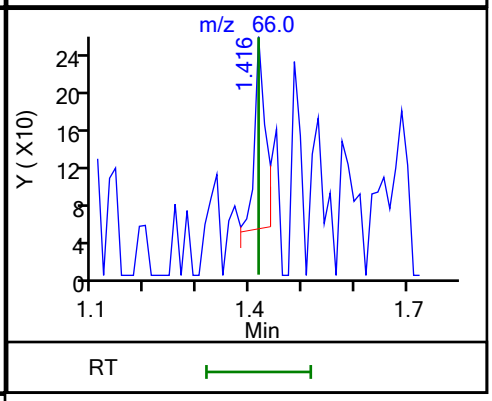
10 Chloroethane, CAS: 75-00-3

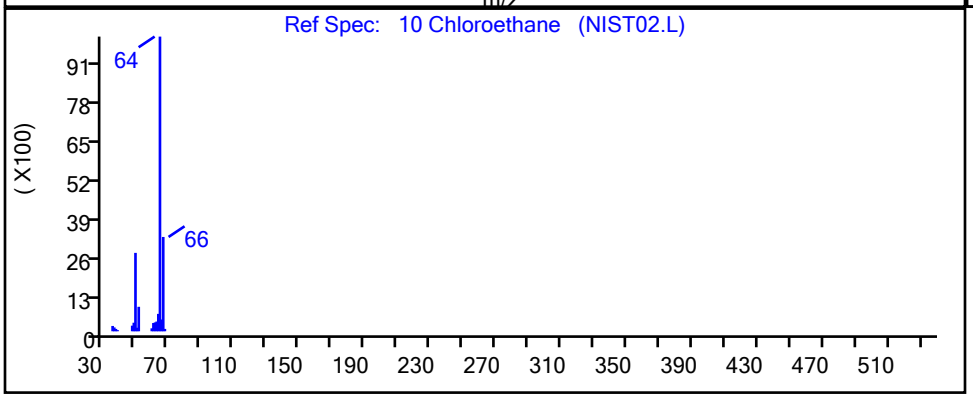
Processing Results











RT	Mass	Response	Amount
1.40	64.00	1103	0.286460
1.42	66.00	305	

Reviewer: NN6A, 01-Oct-2024 06:26:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

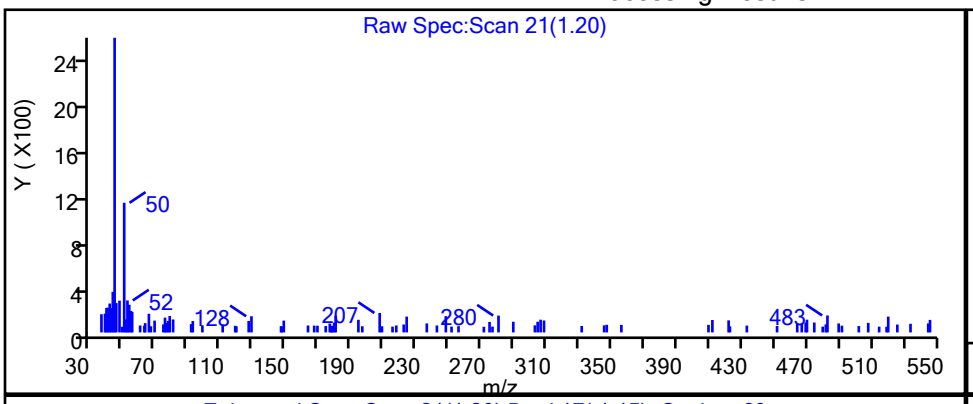
User Disabled Compound Report

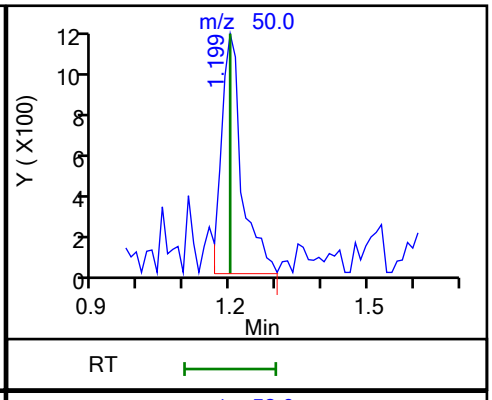
Eurofins Edison

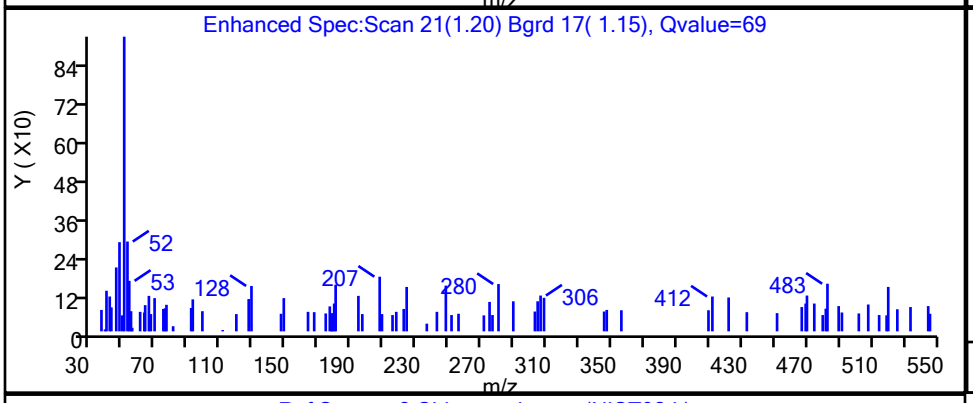
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

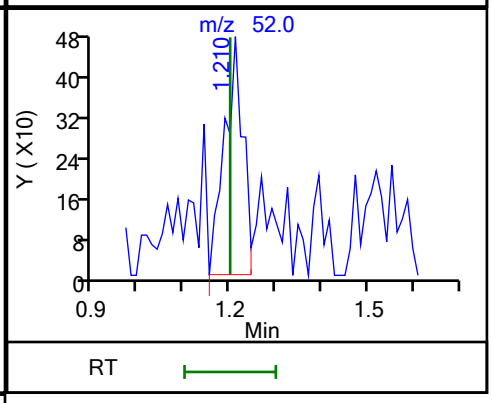
6 Chloromethane, CAS: 74-87-3

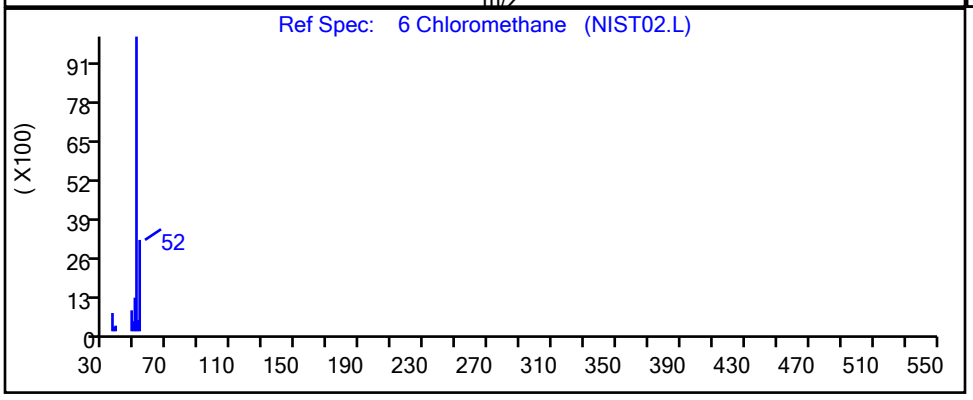
Processing Results











RT	Mass	Response	Amount
1.20	50.00	3470	0.412482
1.21	52.00	1347	

Reviewer: NN6A, 01-Oct-2024 06:26:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

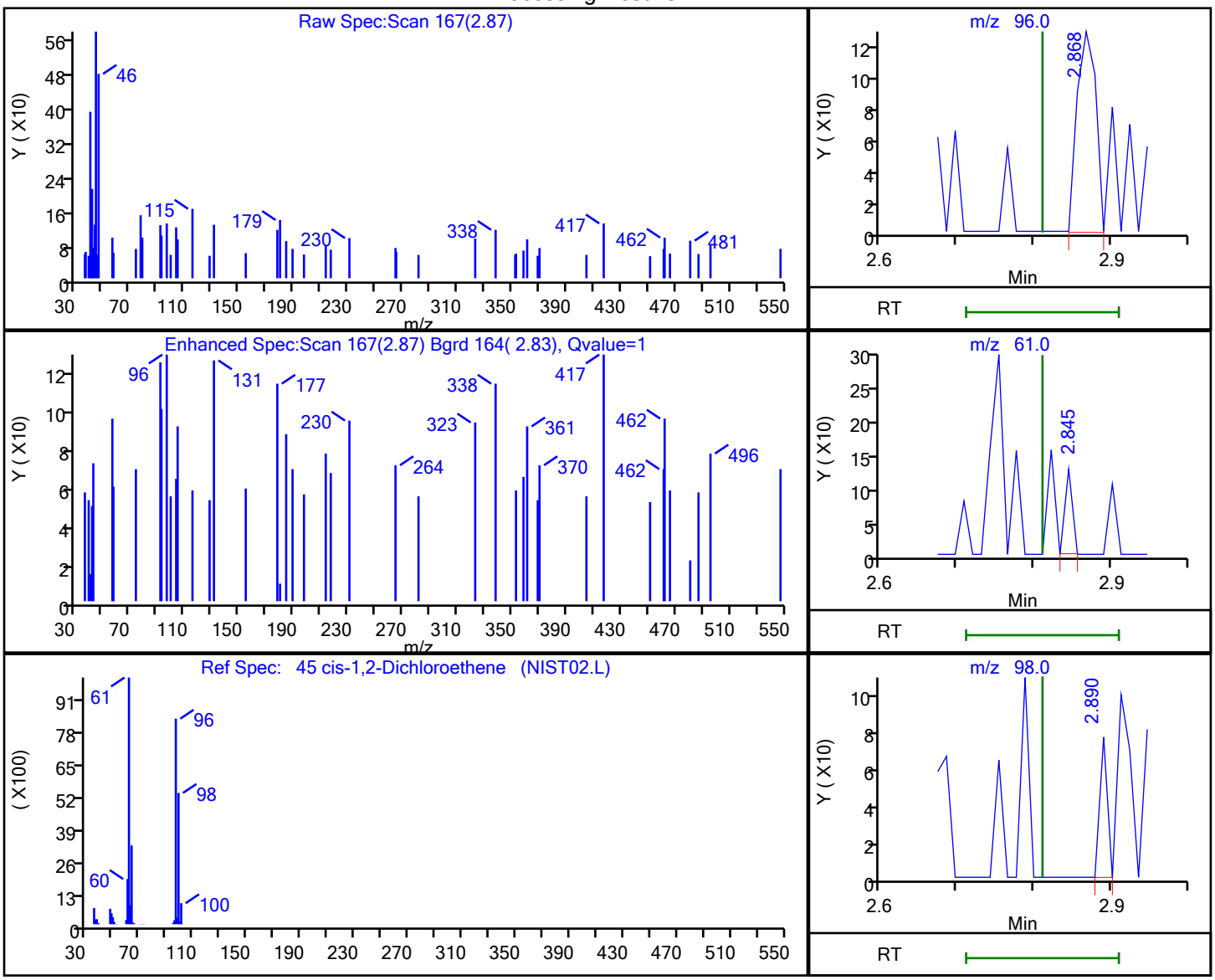
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.87	96.00	217	0.048076
2.84	61.00	86	
2.89	98.00	50	

Reviewer: NN6A, 01-Oct-2024 06:27:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

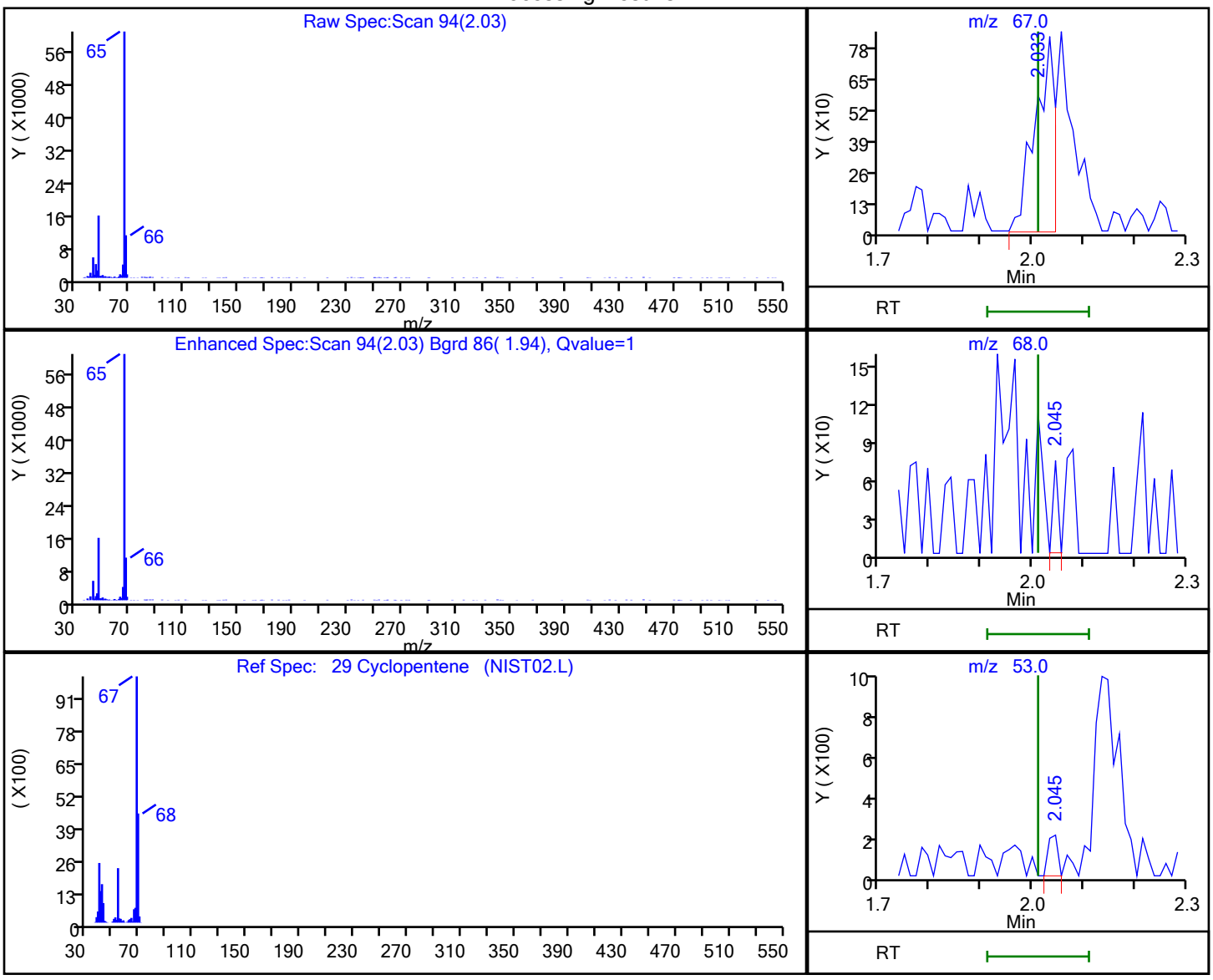
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.03	67.00	2236	0.231078
2.04	68.00	50	
2.04	53.00	269	

Reviewer: NN6A, 01-Oct-2024 06:26:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

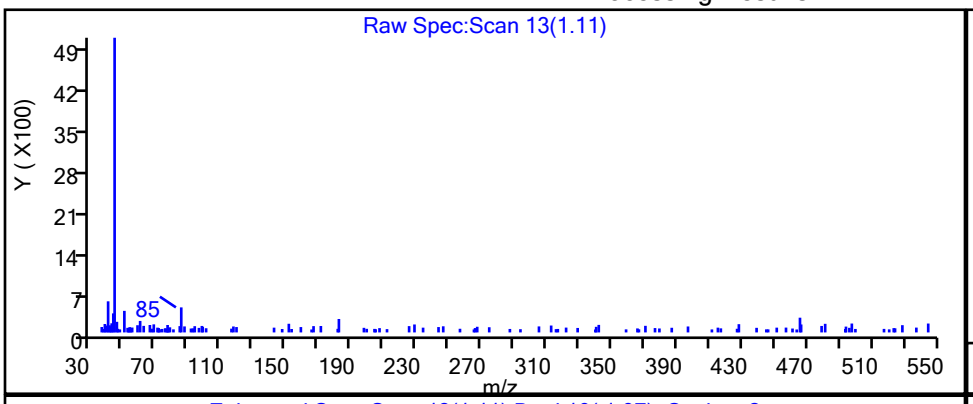
User Disabled Compound Report

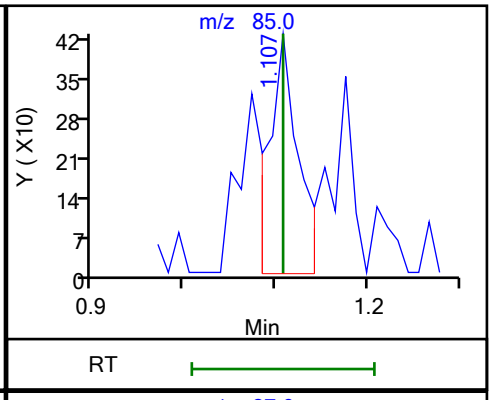
Eurofins Edison

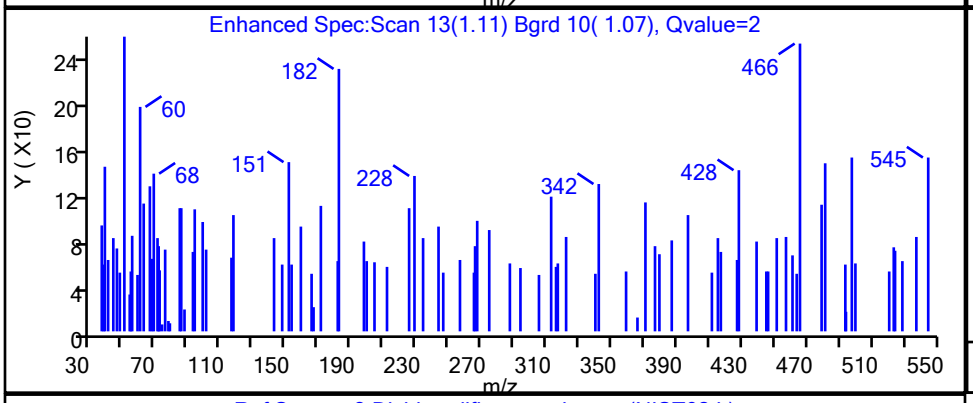
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

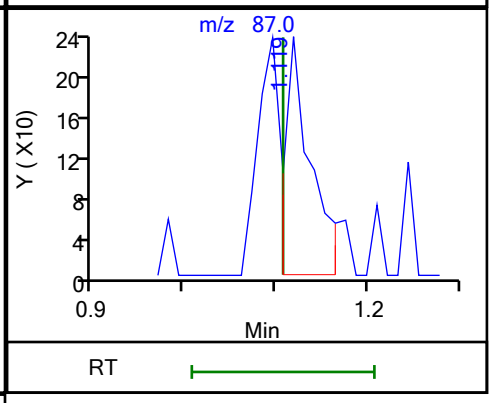
3 Dichlorodifluoromethane, CAS: 75-71-8

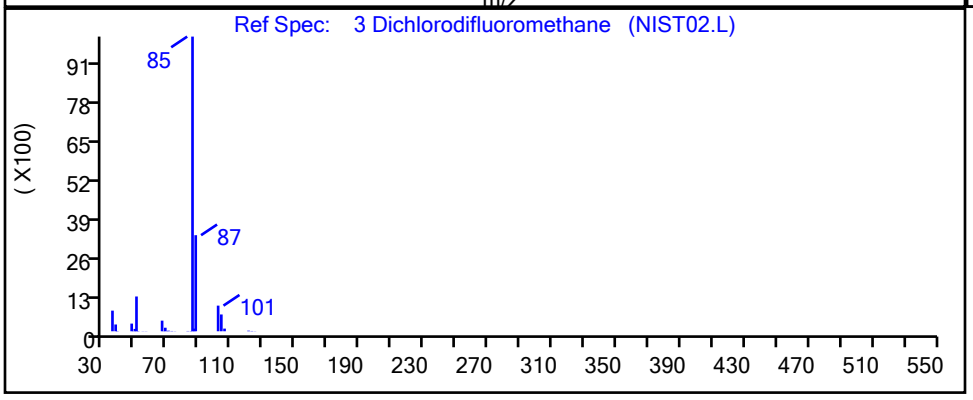
Processing Results











RT	Mass	Response	Amount
1.11	85.00	963	0.158953
1.12	87.00	468	

Reviewer: NN6A, 01-Oct-2024 06:26:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

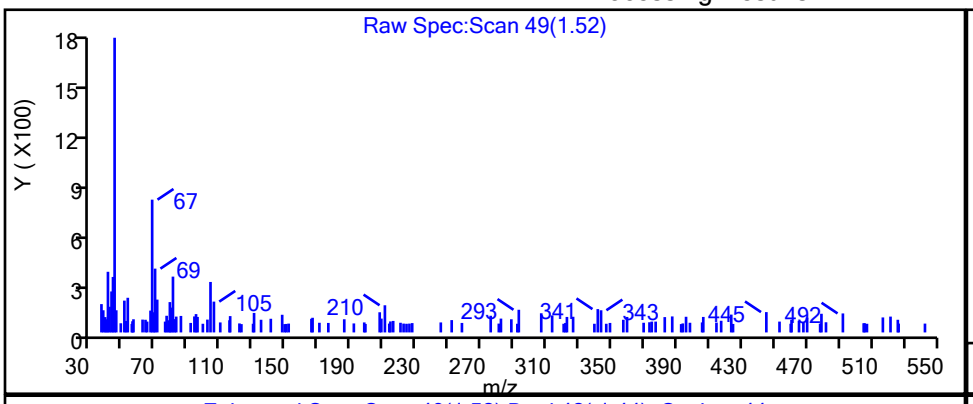
User Disabled Compound Report

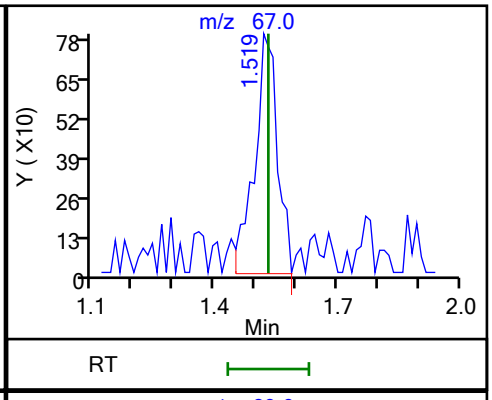
Eurofins Edison

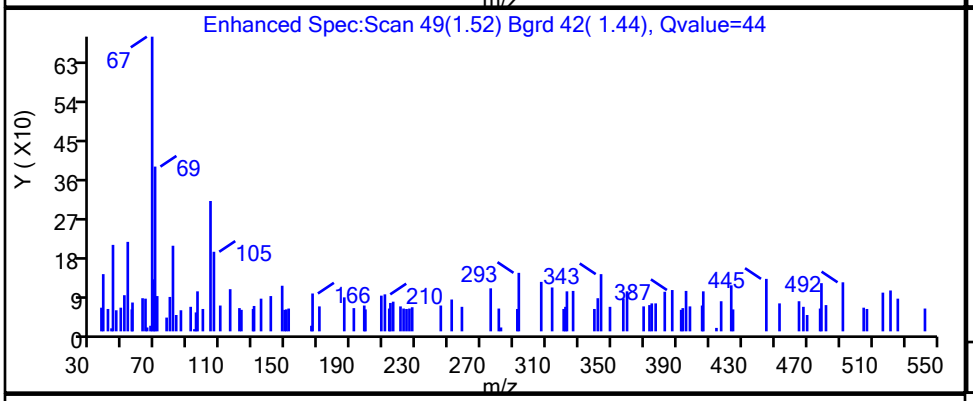
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

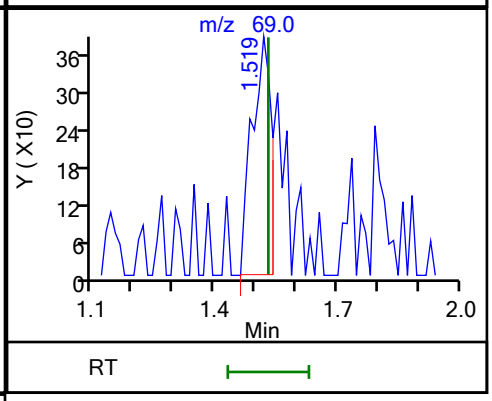
11 Dichlorofluoromethane, CAS: 75-43-4

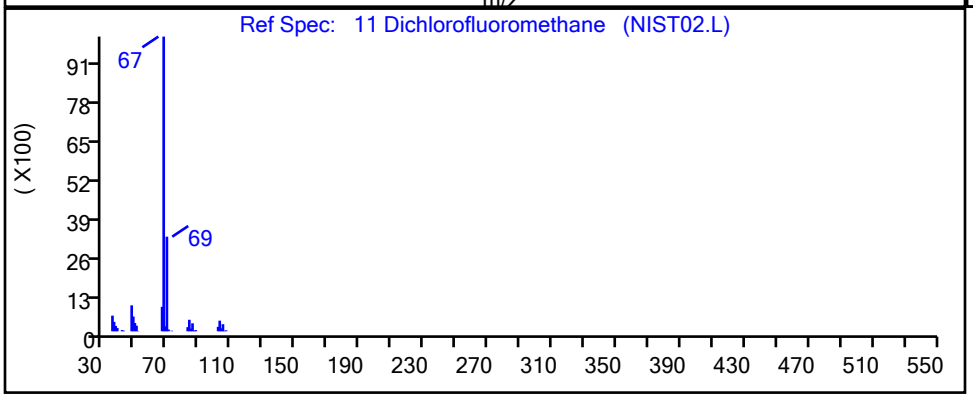
Processing Results











RT	Mass	Response	Amount
1.52	67.00	3102	0.294556
1.52	69.00	1259	

Reviewer: NN6A, 01-Oct-2024 06:26:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

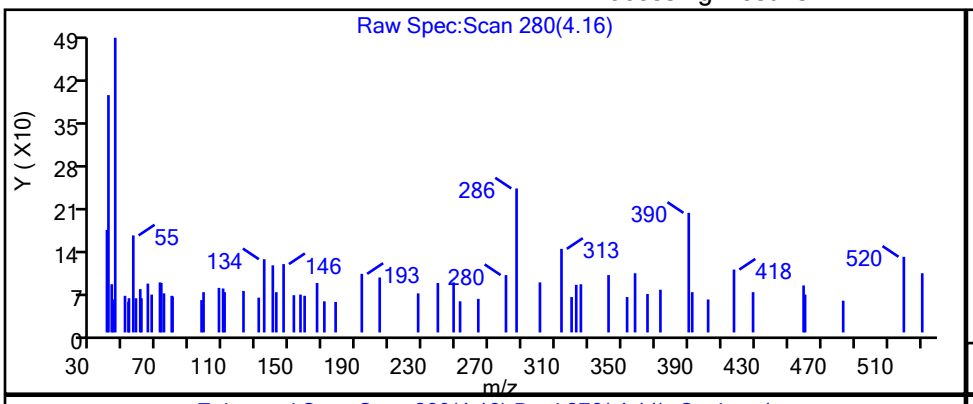
User Disabled Compound Report

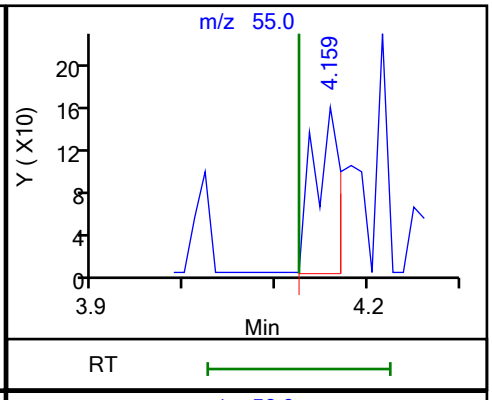
Eurofins Edison

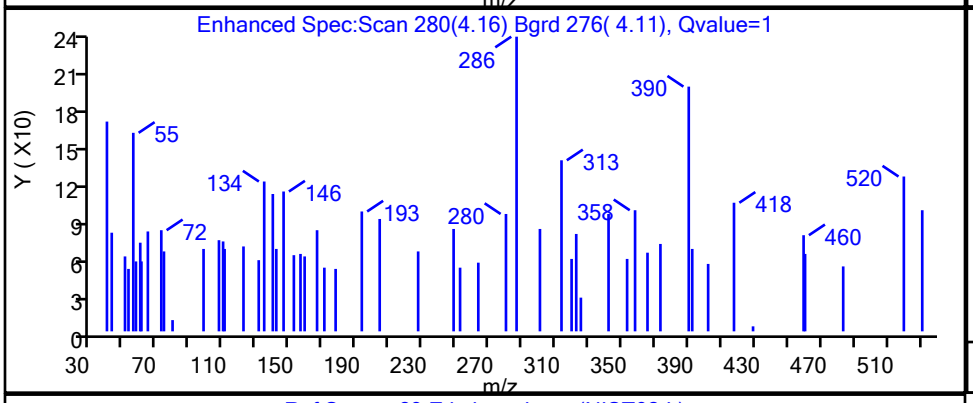
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

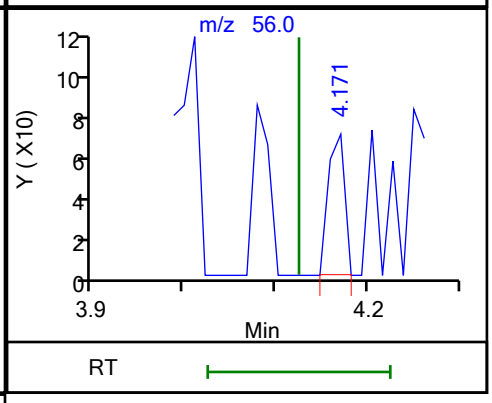
69 Ethyl acrylate, CAS: 140-88-5

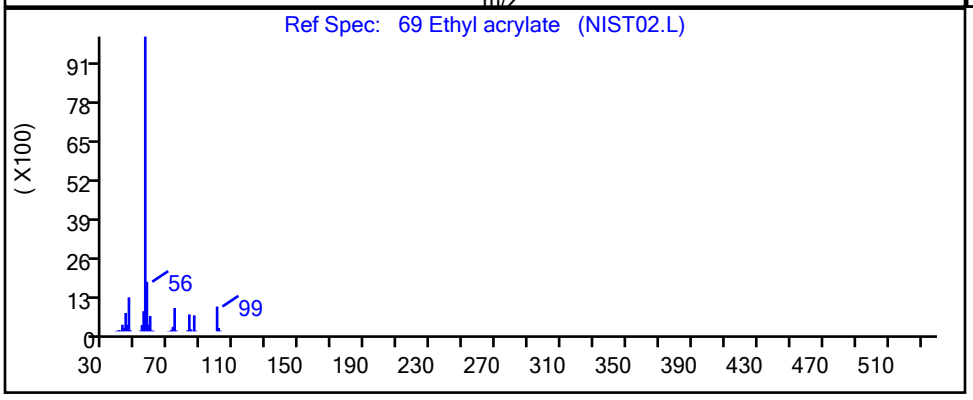
Processing Results











RT	Mass	Response	Amount
4.16	55.00	311	0.095237
4.17	56.00	85	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

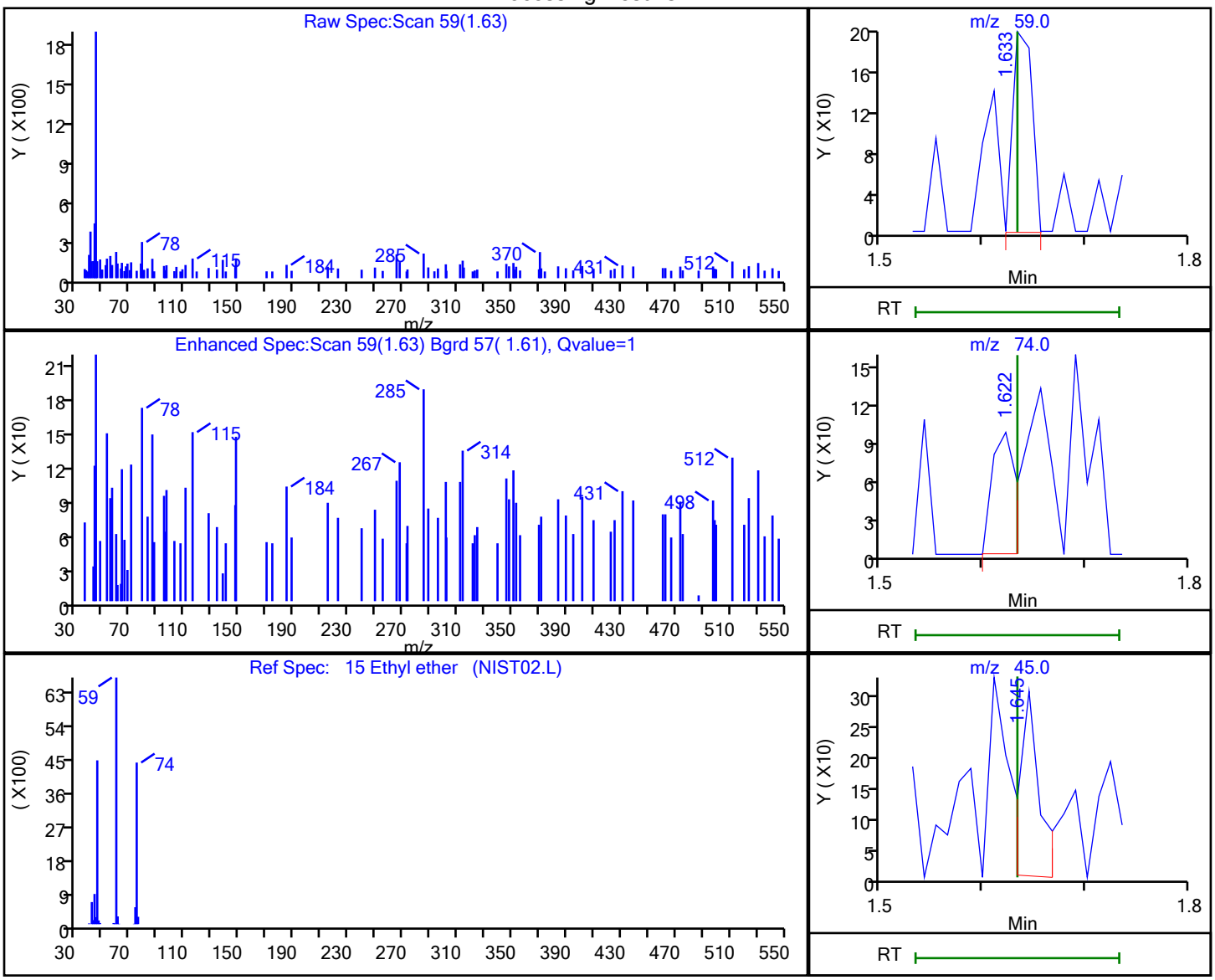
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.63	59.00	257	0.081094
1.62	74.00	155	
1.64	45.00	404	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

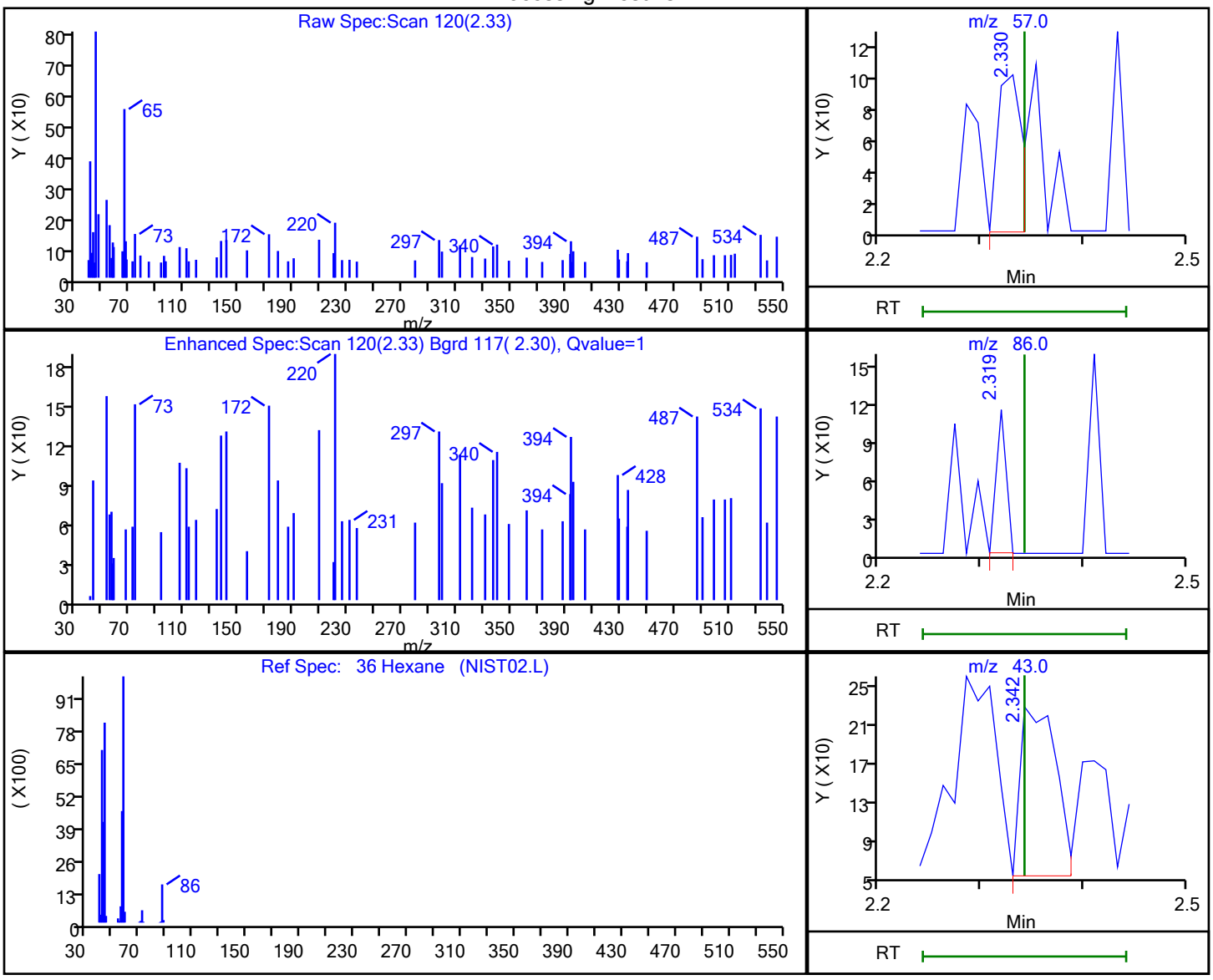
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.33	57.00	171	0.040803
2.32	86.00	78	
2.34	43.00	419	
2.32	56.00	422	

Reviewer: NN6A, 01-Oct-2024 06:27:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

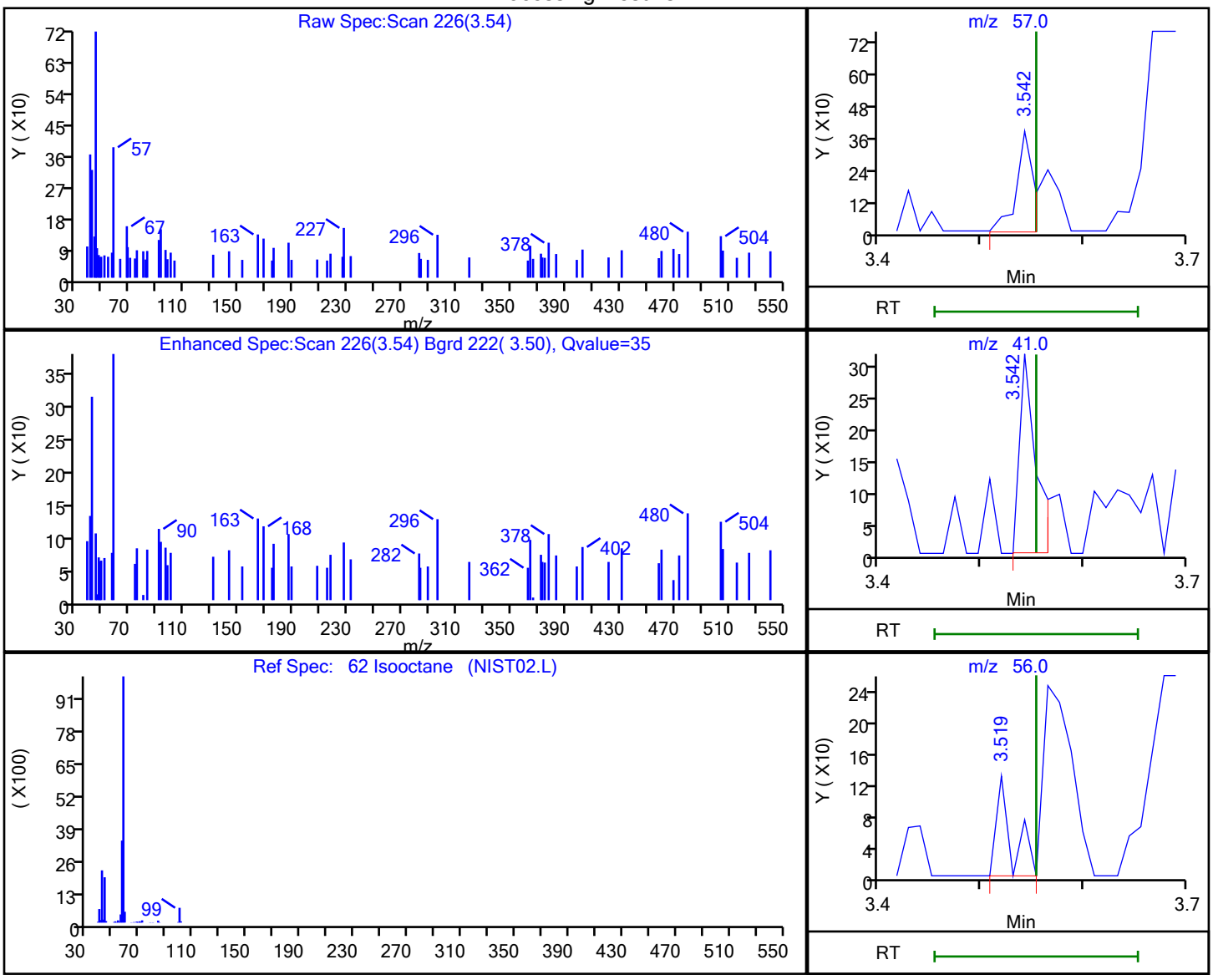
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.54	57.00	441	0.051849
3.54	41.00	359	
3.52	56.00	139	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

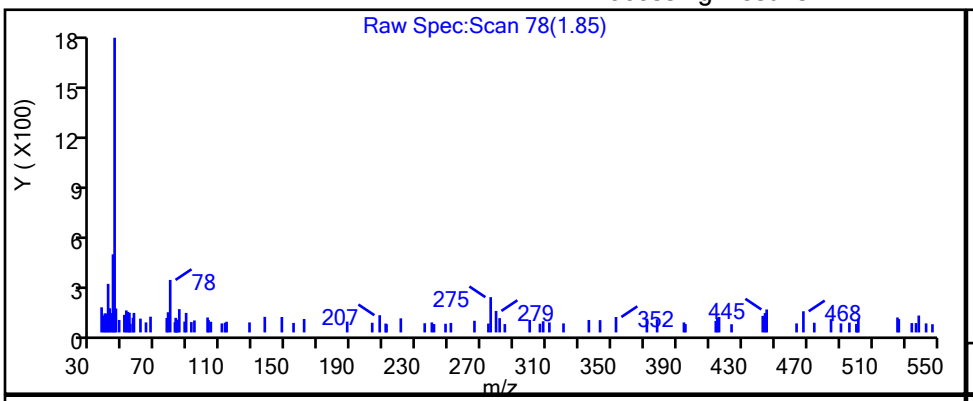
User Disabled Compound Report

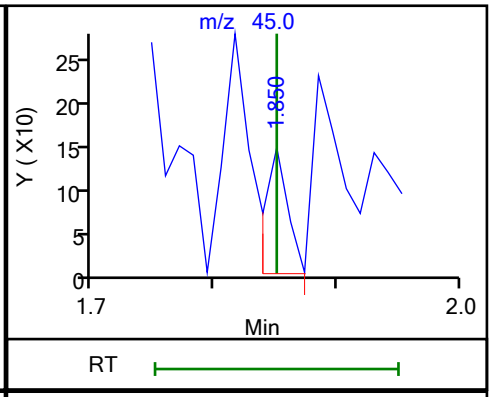
Eurofins Edison

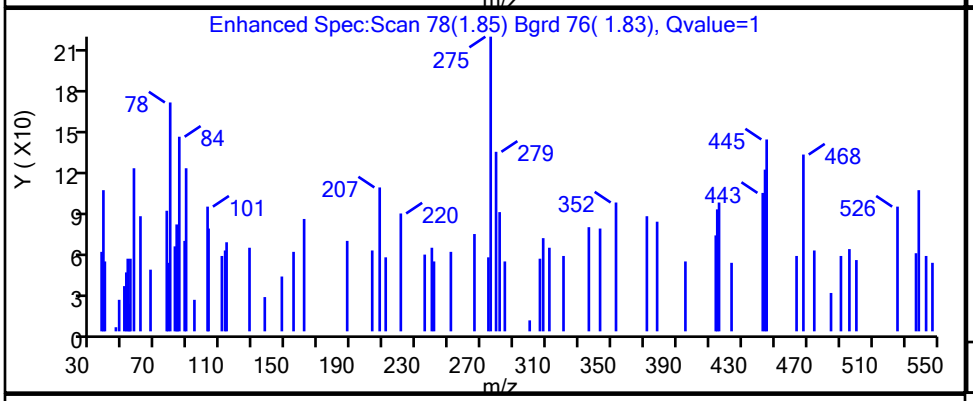
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

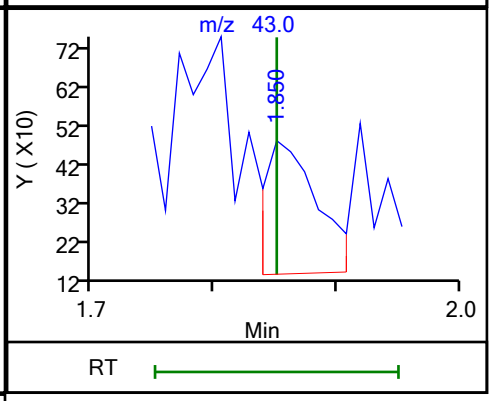
24 Isopropyl alcohol, CAS: 67-63-0

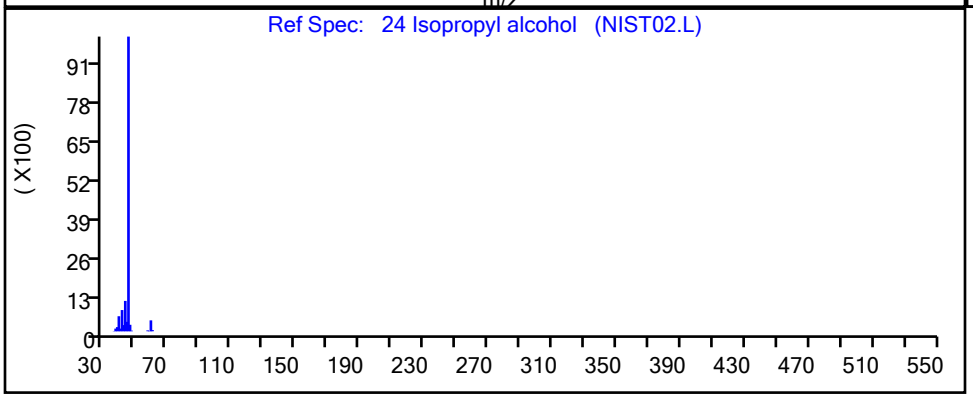
Processing Results











RT	Mass	Response	Amount
1.85	45.00	188	0.800776
1.85	43.00	1079	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

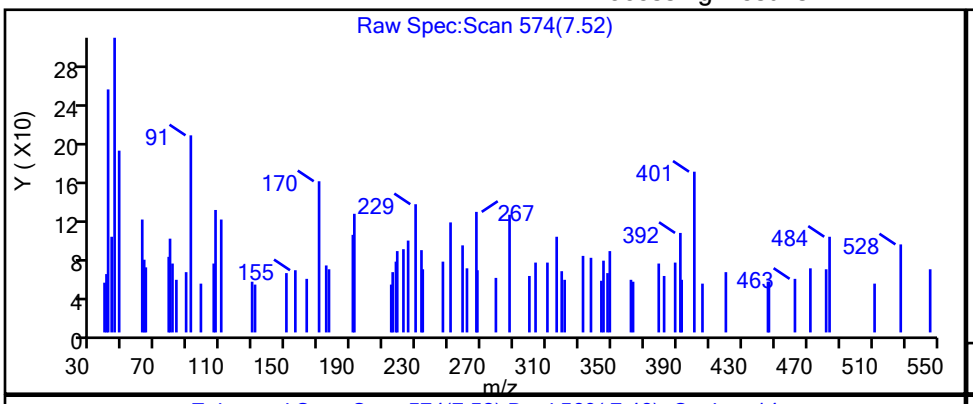
User Disabled Compound Report

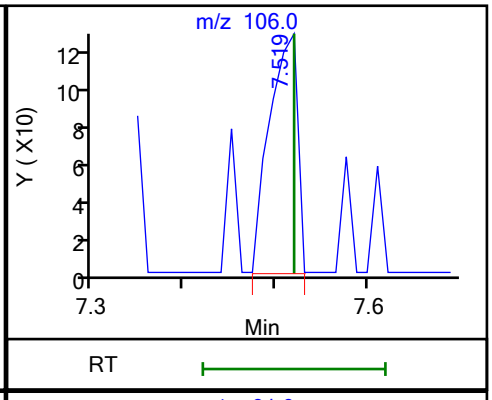
Eurofins Edison

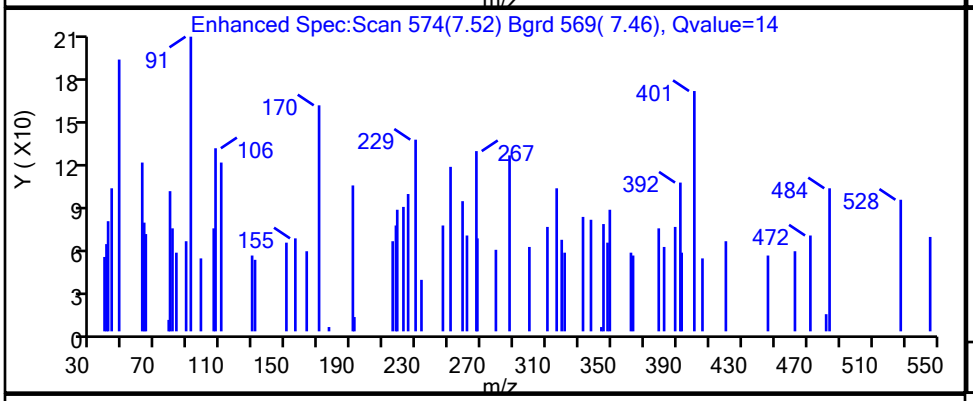
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

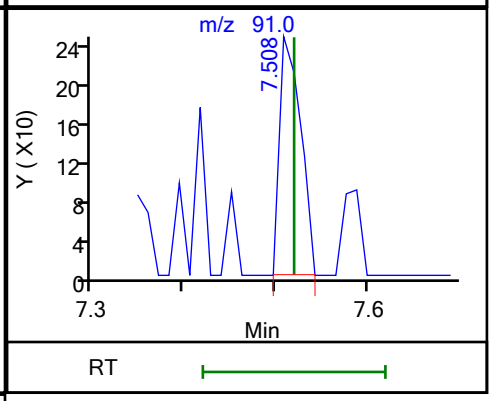
98 m-Xylene & p-Xylene, CAS: 179601-23-1

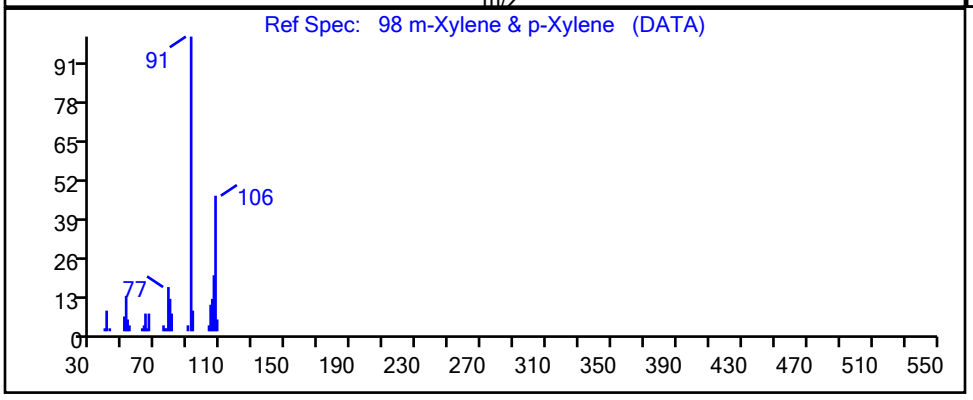
Processing Results











RT	Mass	Response	Amount
7.52	106.00	274	0.056548
7.51	91.00	391	

Reviewer: NN6A, 01-Oct-2024 06:27:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

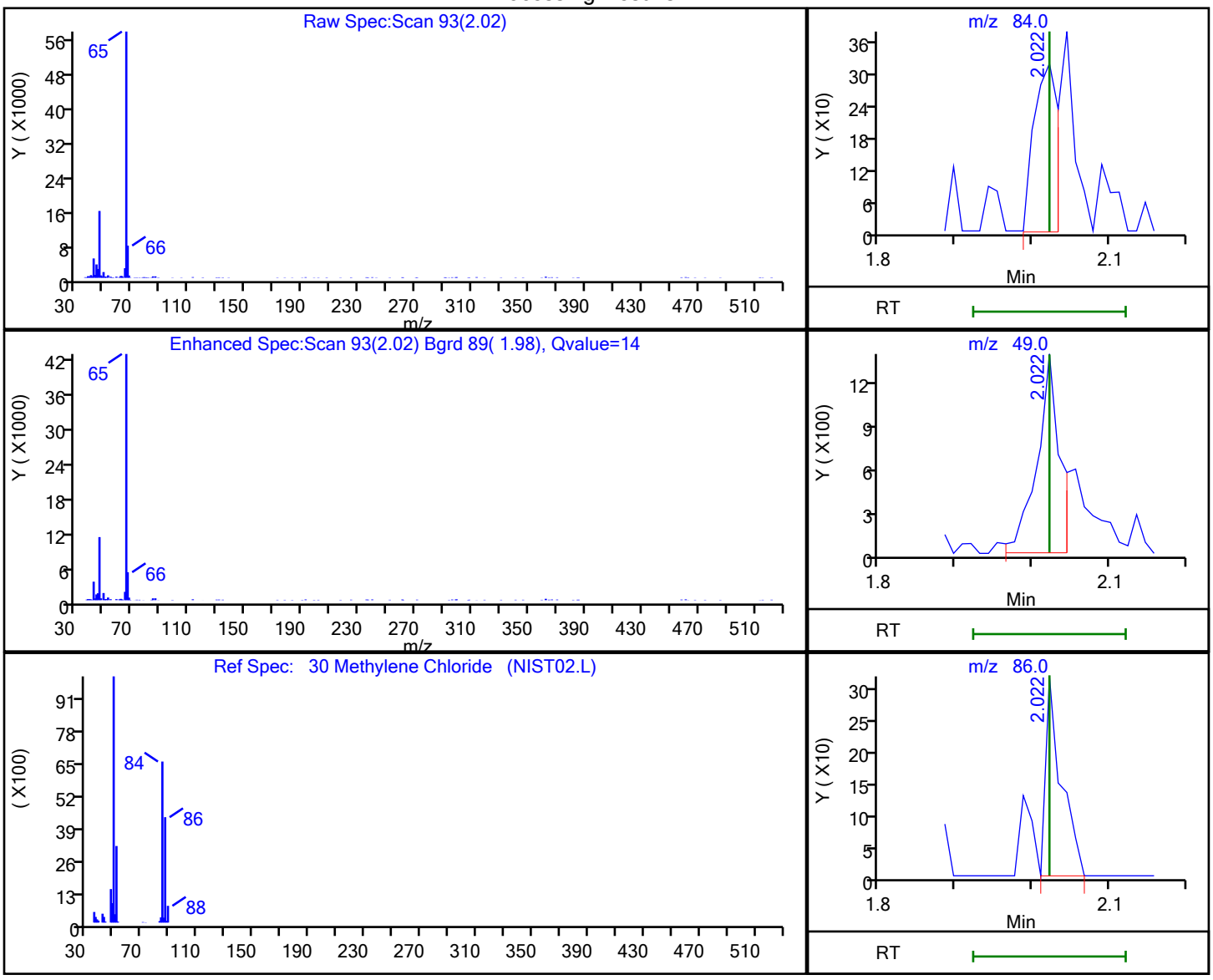
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.02	84.00	692	0.134267
2.02	49.00	2760	
2.02	86.00	449	

Reviewer: NN6A, 01-Oct-2024 06:26:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

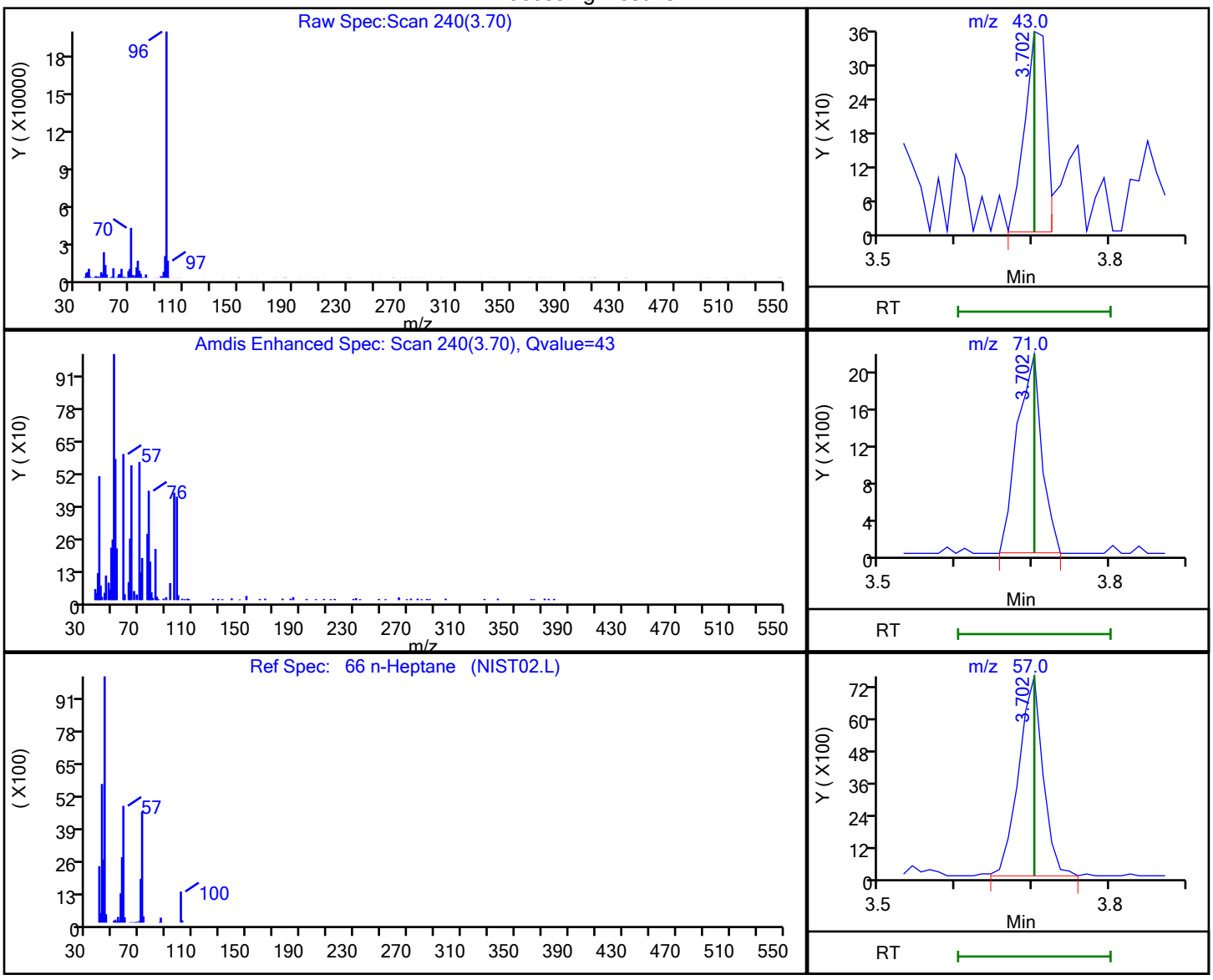
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.70	43.00	724	0.248694
3.70	71.00	4787	
3.70	57.00	16651	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

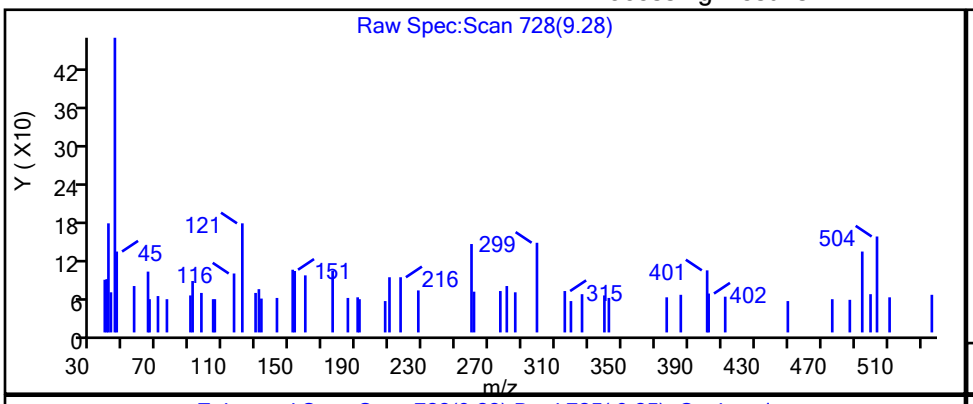
User Disabled Compound Report

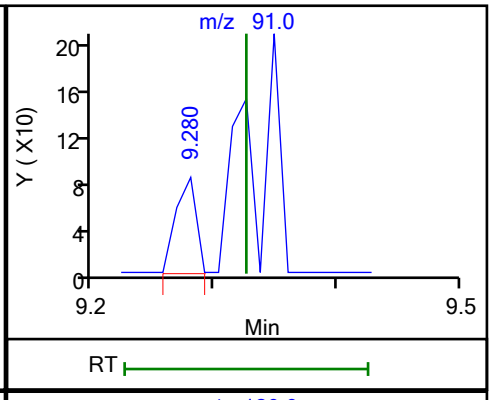
Eurofins Edison

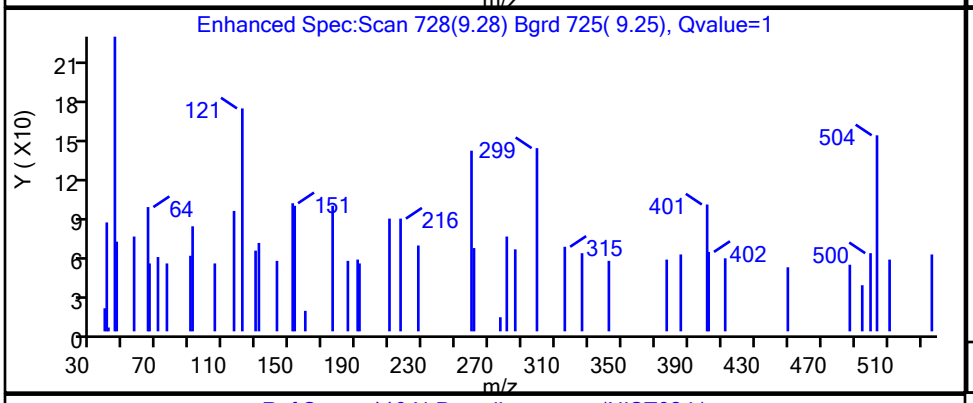
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

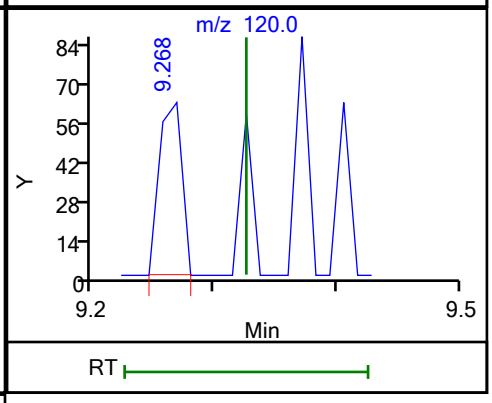
110 N-Propylbenzene, CAS: 103-65-1

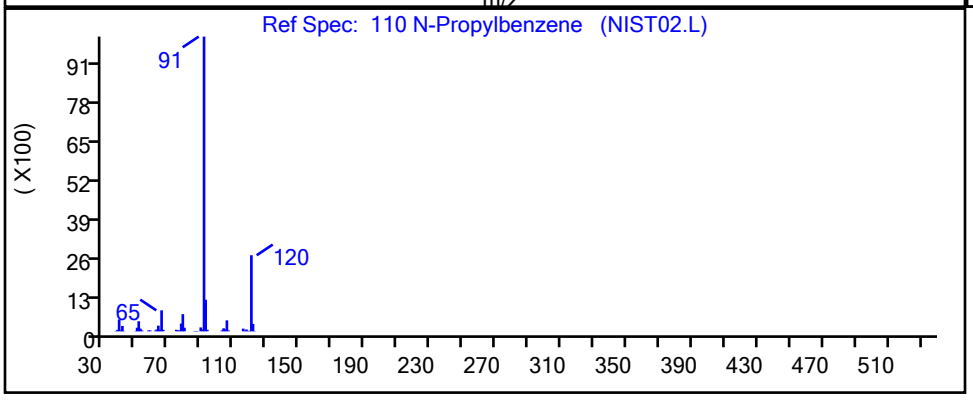
Processing Results











RT	Mass	Response	Amount
9.28	91.00	95	0.006556
9.27	120.00	82	

Reviewer: NN6A, 01-Oct-2024 06:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

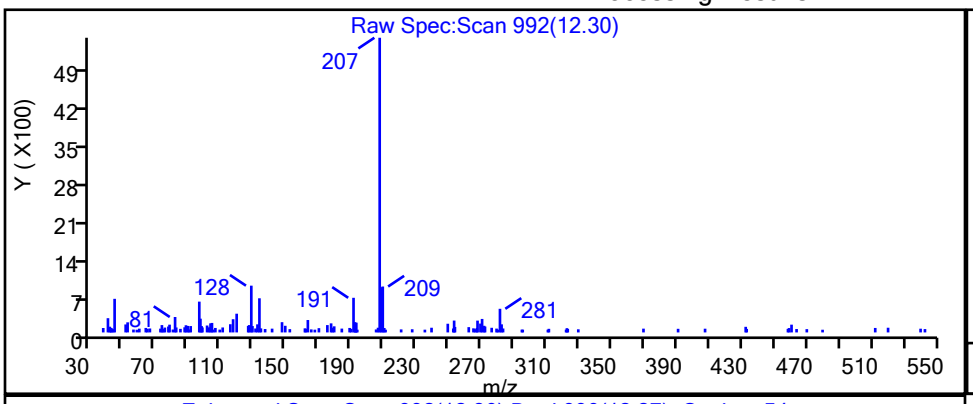
User Disabled Compound Report

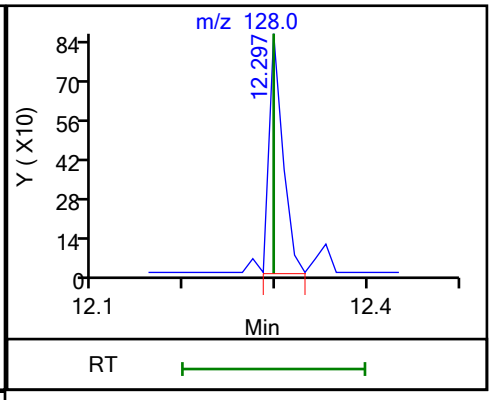
Eurofins Edison

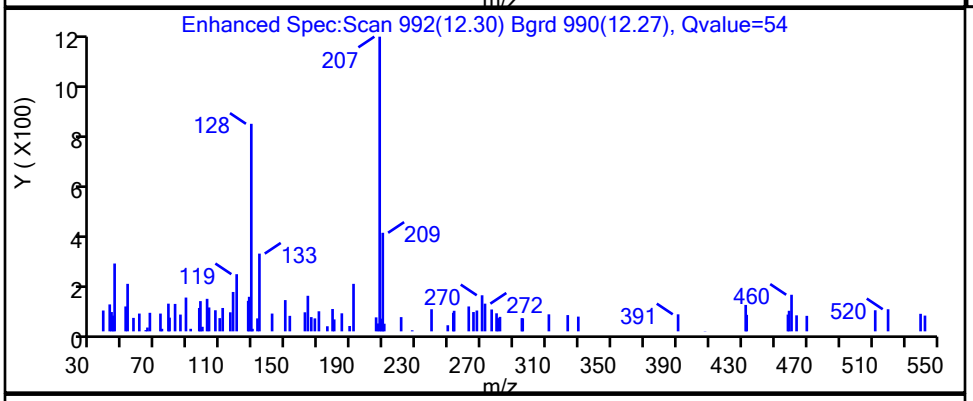
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D				
Injection Date:	28-Sep-2024 05:13:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

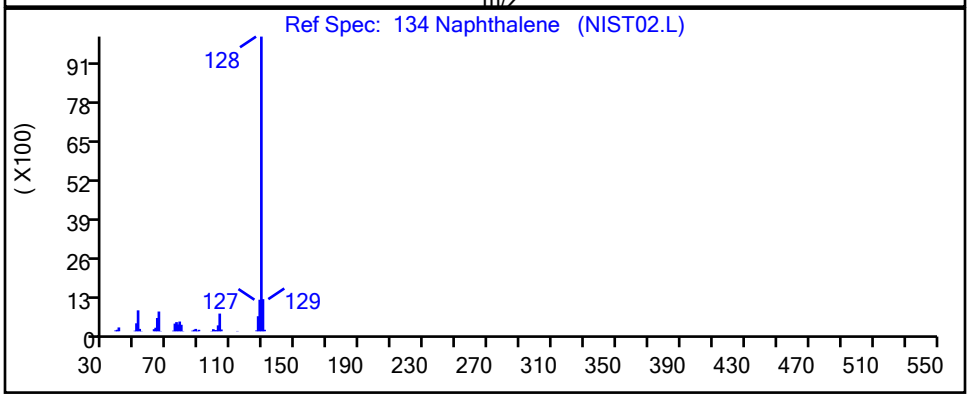
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.30	128.00	894	0.096849

Reviewer: NN6A, 01-Oct-2024 06:27:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

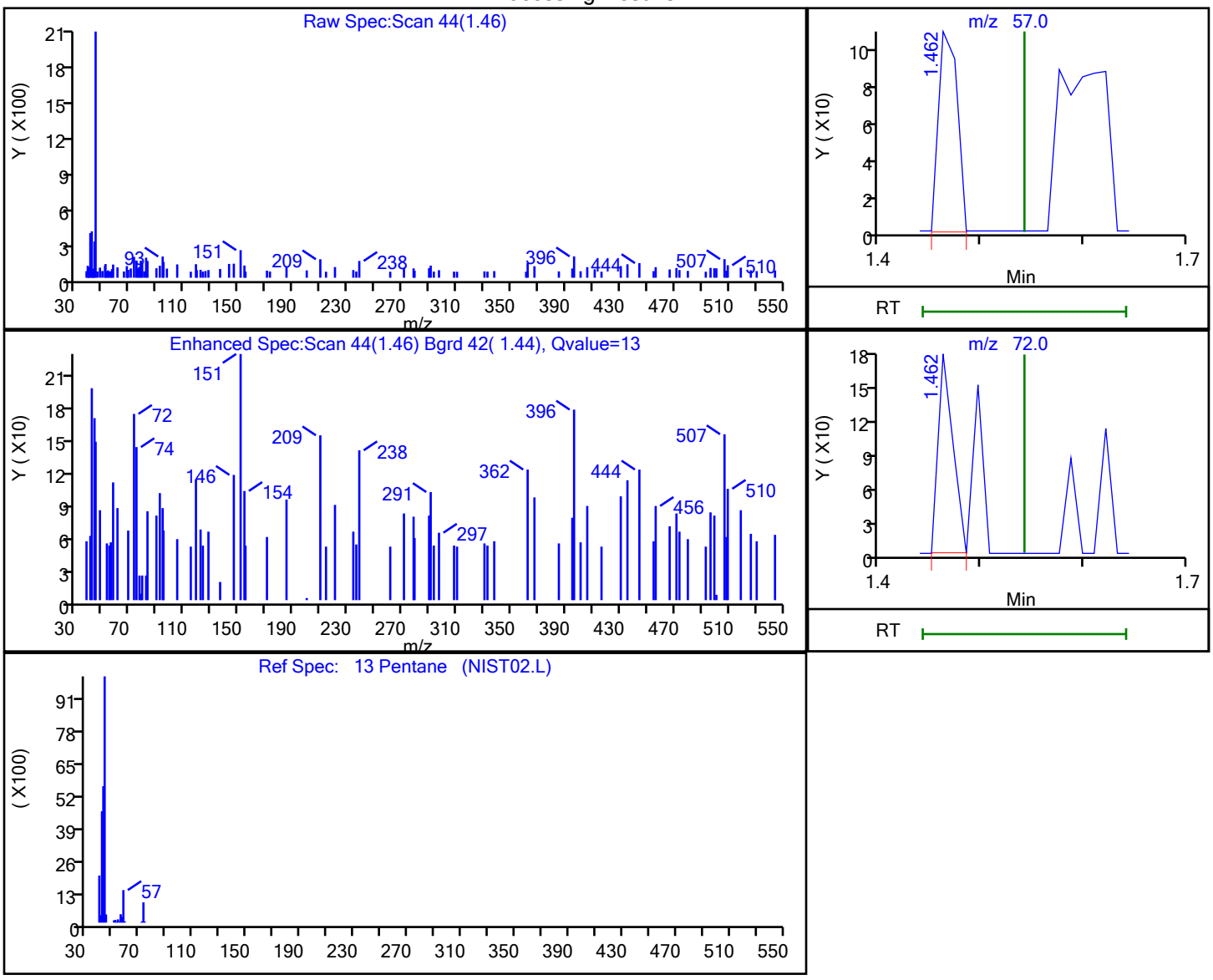
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.46	57.00	141	0.136250
1.46	72.00	176	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

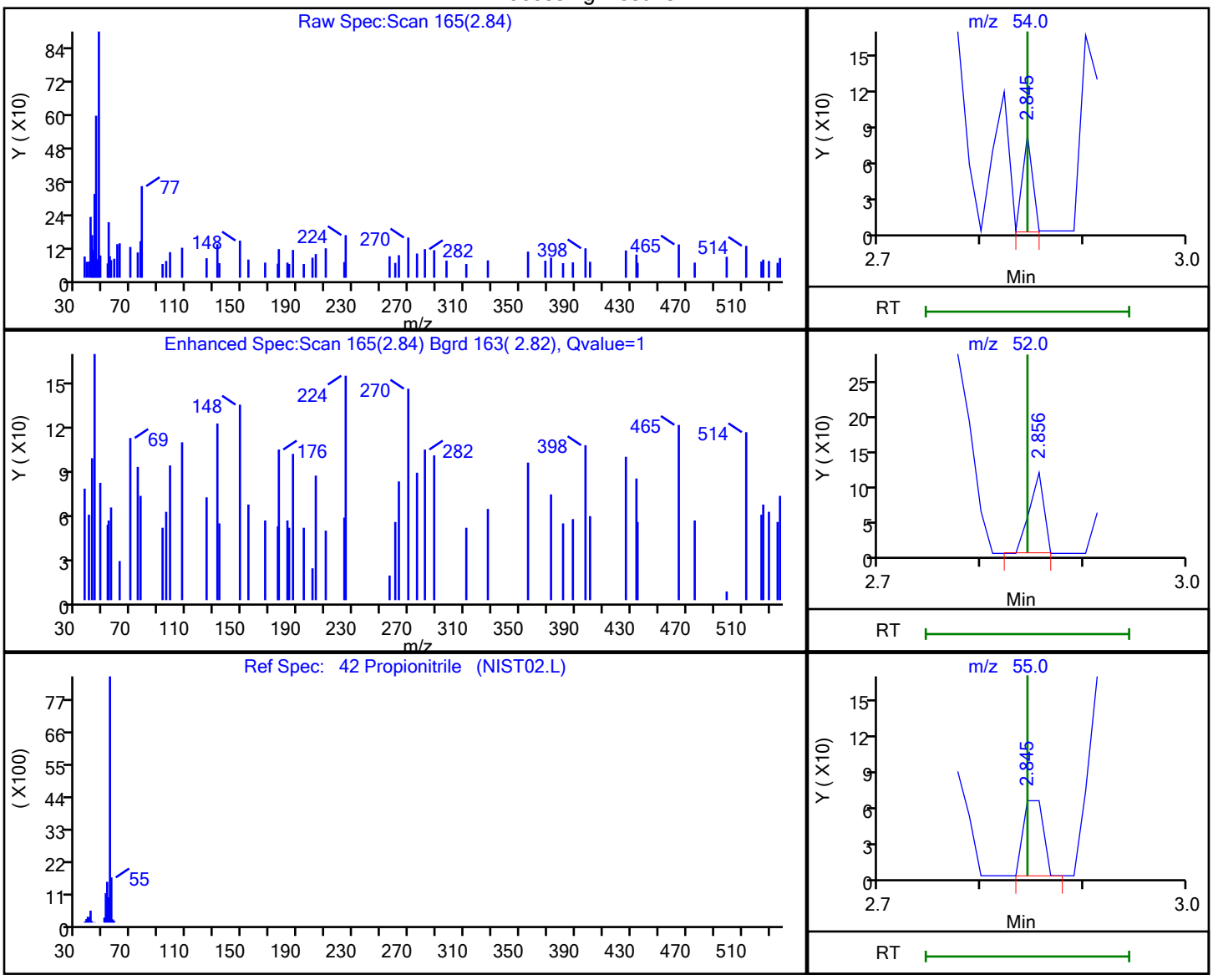
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.84	54.00	54	0.120843
2.86	52.00	116	
2.84	55.00	88	

Reviewer: NN6A, 01-Oct-2024 06:27:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

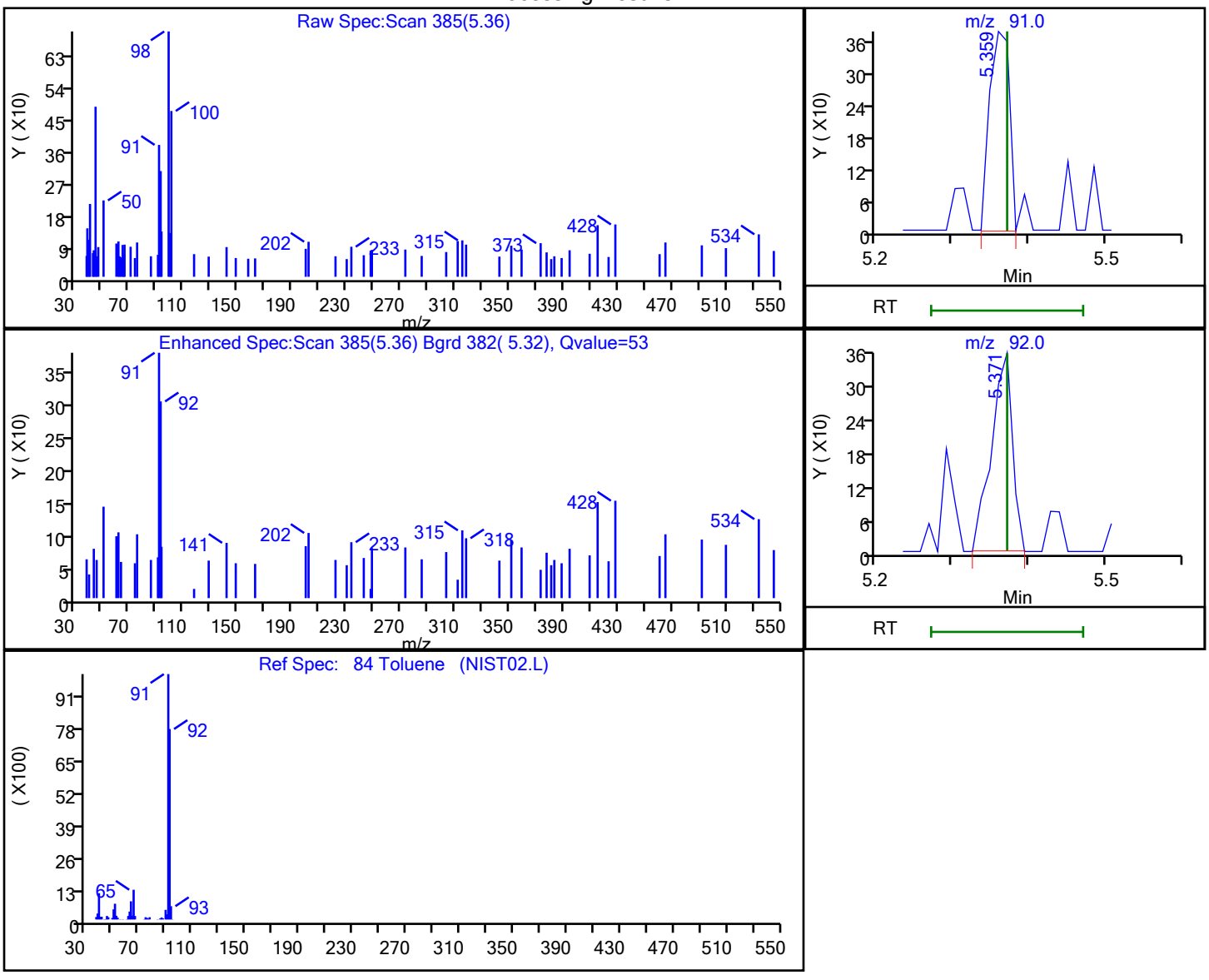
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.36	91.00	679	0.051180
5.37	92.00	686	

Reviewer: NN6A, 01-Oct-2024 06:27:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

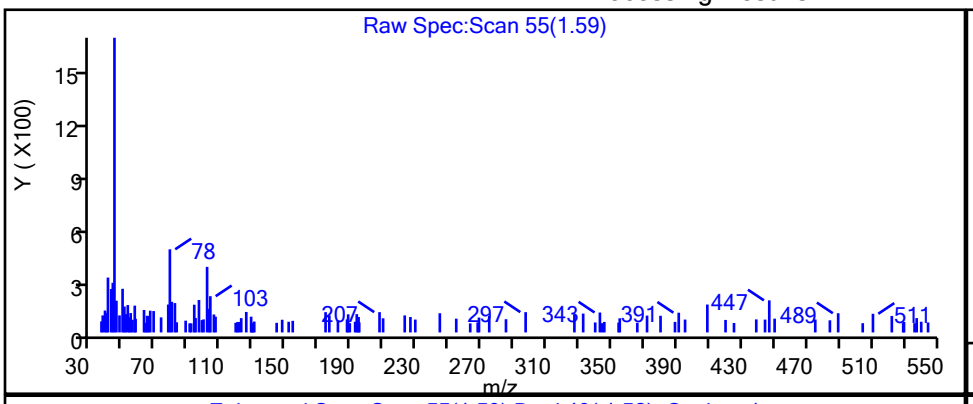
User Disabled Compound Report

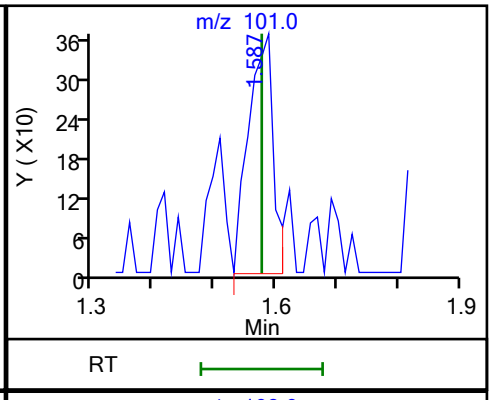
Eurofins Edison

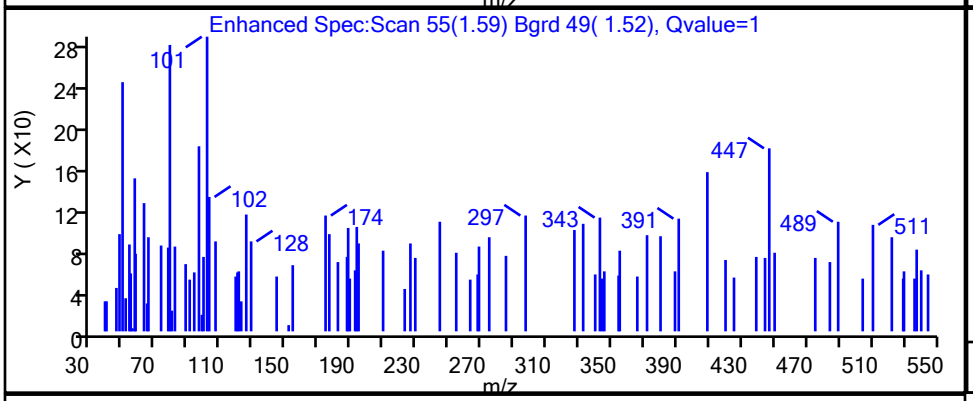
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64390.D
Injection Date: 28-Sep-2024 05:13:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

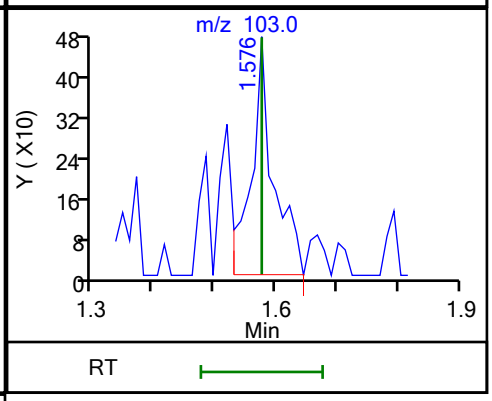
12 Trichlorofluoromethane, CAS: 75-69-4

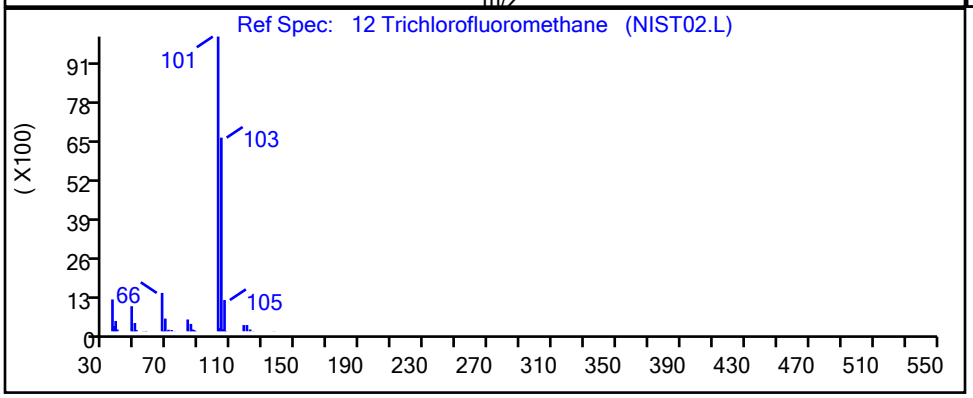
Processing Results











RT	Mass	Response	Amount
1.59	101.00	1026	0.167874
1.58	103.00	1207	

Reviewer: NN6A, 01-Oct-2024 06:26:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Sep-2024 05:37:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0181453-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:22:57 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:59:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.039	1.073	-0.034	50	1623	1.00	1.21	M
5 Chlorodifluoromethane	67	1.096	1.096	0.000	94	940	1.00	1.14	
3 Dichlorodifluoromethane	85	1.107	1.107	0.000	92	7240	1.00	1.21	
6 Chloromethane	50	1.199	1.199	0.000	98	10876	1.00	1.25	
8 Butadiene	54	1.222	1.233	-0.011	89	6338	1.00	1.09	
7 Vinyl chloride	62	1.244	1.256	-0.012	98	8049	1.00	1.26	
9 Bromomethane	94	1.405	1.405	-0.001	96	5583	1.00	1.33	
10 Chloroethane	64	1.416	1.416	0.000	71	4667	1.00	1.34	
11 Dichlorofluoromethane	67	1.530	1.530	0.000	88	11835	1.00	1.25	
13 Pentane	57	1.542	1.542	0.000	98	2290	2.00	2.31	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	97	6949	1.00	1.16	
15 Ethyl ether	59	1.622	1.633	-0.011	59	3147	1.00	1.07	
14 Ethanol	46	1.587	1.645	-0.058	22	697	40.0	40.5	
17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	84	4059	1.00	1.12	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.645	1.679	-0.034	83	4171	1.00	1.17	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.679	1.702	-0.023	77	7128	1.00	1.15	M
19 Acrolein	56	1.702	1.713	-0.011	91	3950	4.00	3.94	
20 1,1-Dichloroethene	96	1.770	1.782	-0.012	90	3663	1.00	0.99	
22 Acetone	58	1.770	1.782	-0.012	66	2044	5.00	5.74	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.805	0.000	84	4219	1.00	1.06	
24 Isopropyl alcohol	45	1.839	1.850	-0.011	22	2164	10.0	12.1	
23 Iodomethane	142	1.873	1.873	0.000	95	7634	1.00	1.15	
25 Carbon disulfide	76	1.907	1.907	0.000	98	17909	1.00	1.04	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	94	17909	1.00	1.04	a
26 Acetonitrile	40	1.919	1.953	-0.034	80	3737	10.0	12.9	Ma
28 Methyl acetate	43	1.953	1.953	0.000	63	5446	2.00	2.54	
29 Cyclopentene	67	2.010	2.010	0.000	72	11907	1.00	1.33	
30 Methylene Chloride	84	2.022	2.022	0.000	94	6608	1.00	1.39	
* 31 TBA-d9 (IS)	65	2.045	2.022	0.023	100	335505	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.079	2.102	-0.023	30	4127	10.0	12.6	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.148	-0.001	93	14518	10.0	10.7	
34 trans-1,2-Dichloroethene	96	2.170	2.182	-0.012	92	4147	1.00	1.08	
35 Methyl tert-butyl ether	73	2.182	2.193	-0.011	72	10747	1.00	0.99	
36 Hexane	57	2.330	2.342	-0.012	84	4164	1.00	1.07	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	73	7625	1.00	1.11	
38 Vinyl acetate	86	2.445	2.445	0.000	100	1406	2.00	2.34	
39 Isopropyl ether	45	2.467	2.479	-0.012	84	11426	1.00	0.9629	M
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	87	2891	1.00	0.9420	
41 Tert-butyl ethyl ether	59	2.753	2.719	0.034	89	31747	1.00	1.02	M
* 43 2-Butanone-d5	46	2.753	2.753	0.000	100	279516	250.0	250.0	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	63	1584	5.00	4.80	
45 cis-1,2-Dichloroethene	96	2.799	2.810	-0.011	96	5291	1.00	1.27	
44 2,2-Dichloropropane	97	2.810	2.822	-0.012	32	1619	1.00	1.23	
47 Ethyl acetate	43	2.799	2.833	-0.034	73	13945	2.00	2.33	M
42 Propionitrile	54	2.833	2.845	-0.012	36	3945	10.0	9.67	
48 Methyl acrylate	55	2.845	2.868	-0.023	39	3099	1.00	0.9482	
50 Methacrylonitrile	67	2.959	2.959	0.000	91	12293	10.0	9.49	
49 Chlorobromomethane	128	2.970	2.970	0.000	61	2018	1.00	1.09	
51 Tetrahydrofuran	42	2.993	3.016	-0.023	33	2481	2.00	2.55	
52 Chloroform	83	3.028	3.028	0.000	96	7146	1.00	1.14	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.153	-0.011	95	181995	50.0	54.9	
54 1,1,1-Trichloroethane	97	3.188	3.199	-0.011	96	6205	1.00	1.14	
55 Cyclohexane	84	3.256	3.245	0.011	82	6330	1.00	1.09	
57 1,1-Dichloropropene	75	3.290	3.302	-0.012	96	4383	1.00	0.9617	
56 Carbon tetrachloride	117	3.313	3.325	-0.012	73	4691	1.00	1.07	
61 Isobutyl alcohol	43	3.370	3.382	-0.012	28	3455	25.0	31.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.416	-0.011	95	201906	50.0	54.1	
59 Benzene	78	3.462	3.473	-0.011	92	14911	1.00	1.11	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	55	4607	1.00	1.08	
63 Isopropyl acetate	61	3.508	3.519	-0.011	44	1179	1.00	0.9441	M
62 Isooctane	57	3.542	3.553	-0.011	94	6818	1.00	0.8658	
64 Tert-amyl methyl ether	73	3.565	3.576	-0.011	90	10182	1.00	0.9701	
66 n-Heptane	43	3.702	3.702	0.000	36	2542	1.00	0.9435	
* 65 Fluorobenzene	96	3.690	3.702	-0.012	99	467477	50.0	50.0	
68 n-Butanol	56	3.965	3.953	0.012	69	1502	25.0	26.0	
67 Trichloroethene	95	4.033	4.033	0.000	94	3617	1.00	1.10	
69 Ethyl acrylate	55	4.125	4.125	0.000	81	2661	1.00	0.8805	
70 Methylcyclohexane	83	4.228	4.228	0.000	78	4600	1.00	0.8933	
71 1,2-Dichloropropane	63	4.228	4.239	-0.011	74	3110	1.00	0.9094	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	40	25570	1000.0	1000.0	
73 Dibromomethane	93	4.353	4.342	0.011	54	2611	1.00	1.24	
75 Methyl methacrylate	100	4.342	4.365	-0.023	91	1087	2.00	1.67	
74 1,4-Dioxane	88	4.353	4.365	-0.012	34	1725	50.0	60.6	
76 n-Propyl acetate	43	4.422	4.422	0.000	65	3233	1.00	0.9455	
77 Dichlorobromomethane	83	4.502	4.502	0.000	94	4034	1.00	0.9873	
78 2-Nitropropane	41	4.742	4.742	0.000	75	1341	2.00	2.31	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	64	1489	1.00	0.8530	
80 Epichlorohydrin	57	4.879	4.891	-0.012	93	5214	20.0	18.9	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	89	4754	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	94	11242	5.00	4.20	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	585633	50.0	53.4	
84 Toluene	91	5.359	5.371	-0.012	89	13362	1.00	1.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.622	5.634	-0.012	93	3711	1.00	0.9830	
86 Ethyl methacrylate	69	5.782	5.782	0.000	82	2709	1.00	0.8841	
87 1,1,2-Trichloroethane	83	5.839	5.851	-0.012	88	1683	1.00	0.8376	
88 Tetrachloroethene	166	6.022	6.022	0.000	92	2830	1.00	1.11	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	89	3877	1.00	0.9784	
90 2-Hexanone	43	6.205	6.205	0.000	94	5586	5.00	5.11	
91 Chlorodibromomethane	129	6.331	6.331	0.000	89	3066	1.00	1.21	
92 n-Butyl acetate	43	6.411	6.411	0.000	94	3255	1.00	0.9595	
93 Ethylene Dibromide	107	6.468	6.468	0.000	89	2019	1.00	0.9107	
* 94 Chlorobenzene-d5	117	7.108	7.119	-0.011	86	335716	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	94	7176	1.00	1.01	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	90	2993	1.00	1.05	
97 Ethylbenzene	106	7.337	7.337	0.000	98	3589	1.00	0.9860	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	94	4110	1.00	0.9256	
99 o-Xylene	106	8.091	8.091	0.000	94	4142	1.00	0.8854	
100 Styrene	104	8.114	8.114	0.000	92	5411	1.00	0.7826	
101 n-Butyl acrylate	73	8.148	8.148	0.000	92	1388	1.00	0.7691	
102 Bromoform	173	8.331	8.342	-0.011	72	1852	1.00	1.28	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	93	3246	1.00	0.6534	
104 Isopropylbenzene	105	8.674	8.674	0.000	95	8624	1.00	0.8112	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	89	134316	50.0	51.3	
106 Bromobenzene	156	9.062	9.074	-0.012	95	2803	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	93	3363	1.00	1.02	
108 1,2,3-Trichloropropane	75	9.200	9.188	0.012	95	3078	1.00	1.22	
109 trans-1,4-Dichloro-2-butene	75	9.268	9.257	0.011	27	1084	1.00	1.04	a
110 N-Propylbenzene	91	9.325	9.325	0.000	98	11562	1.00	0.8837	
111 2-Chlorotoluene	91	9.405	9.405	0.000	95	7703	1.00	0.9157	
112 4-Ethyltoluene	105	9.531	9.520	0.011	97	8304	1.00	0.8106	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	7941	1.00	0.9788	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	90	8449	1.00	0.8569	
115 Butyl Methacrylate	87	9.885	9.897	-0.012	87	1904	1.00	0.4833	
116 tert-Butylbenzene	119	10.137	10.148	-0.011	95	5405	1.00	0.5745	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	95	8601	1.00	0.8486	
118 sec-Butylbenzene	105	10.445	10.445	0.000	95	8186	1.00	0.5641	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	91	4893	1.00	0.9464	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	96	188881	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	91	6197	1.00	1.12	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	83	7426	1.00	0.7563	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	97	10143	1.00	0.8746	
124 Benzyl chloride	126	10.788	10.788	0.000	97	1094	1.00	1.07	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	95	8814	1.00	0.8535	
126 1,2-Dichlorobenzene	146	10.994	10.994	0.000	95	5632	1.00	1.01	
127 p-Diethylbenzene	119	11.017	11.017	0.000	89	4324	1.00	0.7956	
128 n-Butylbenzene	92	11.028	11.040	-0.012	97	4157	1.00	0.8525	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	29	486	1.00	0.8896	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	96	5902	1.00	0.4890	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	92	4090	1.00	1.06	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	92	3367	1.00	0.9596	
133 Hexachlorobutadiene	225	12.286	12.274	0.012	49	959	1.00	0.9889	
134 Naphthalene	128	12.297	12.297	0.000	96	6538	1.00	0.7845	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	91	3206	1.00	1.06	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.35	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		2.00	1.81	
S 139 Total BTEX	1				0		5.00	5.00	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
GASES Li_00605	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	10.00	Units: uL	
ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
14DIOXINTER_00173	Amount Added:	30.00	Units: uL	
524FREONS_00024	Amount Added:	10.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:22:58 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D

Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9 Operator ID:

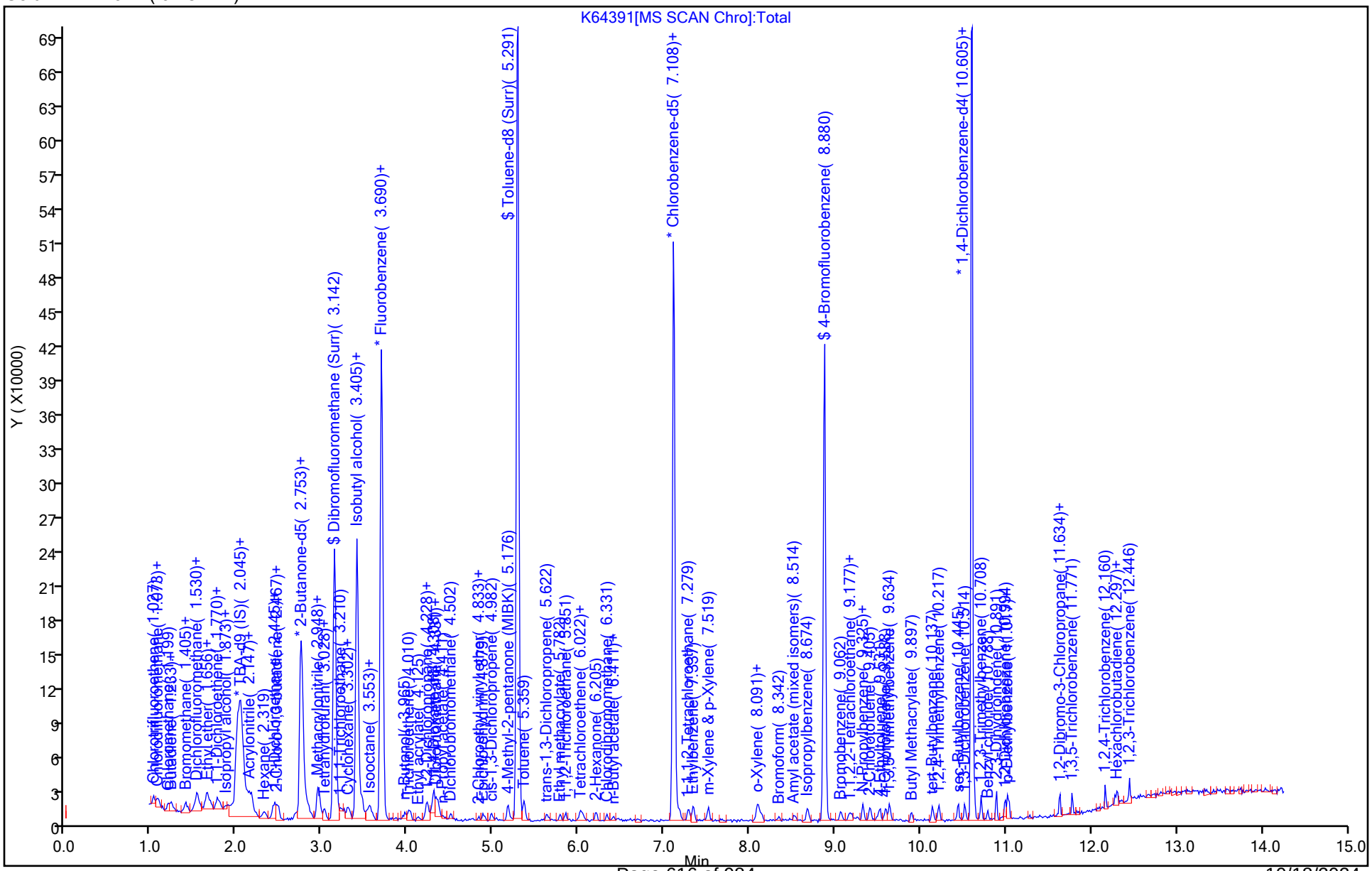
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

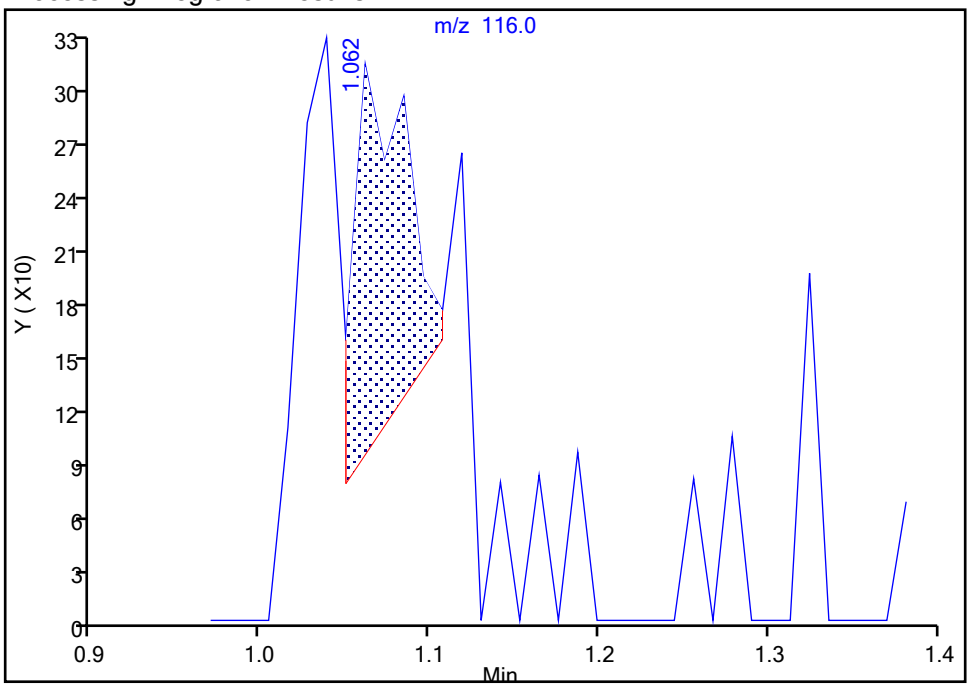
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

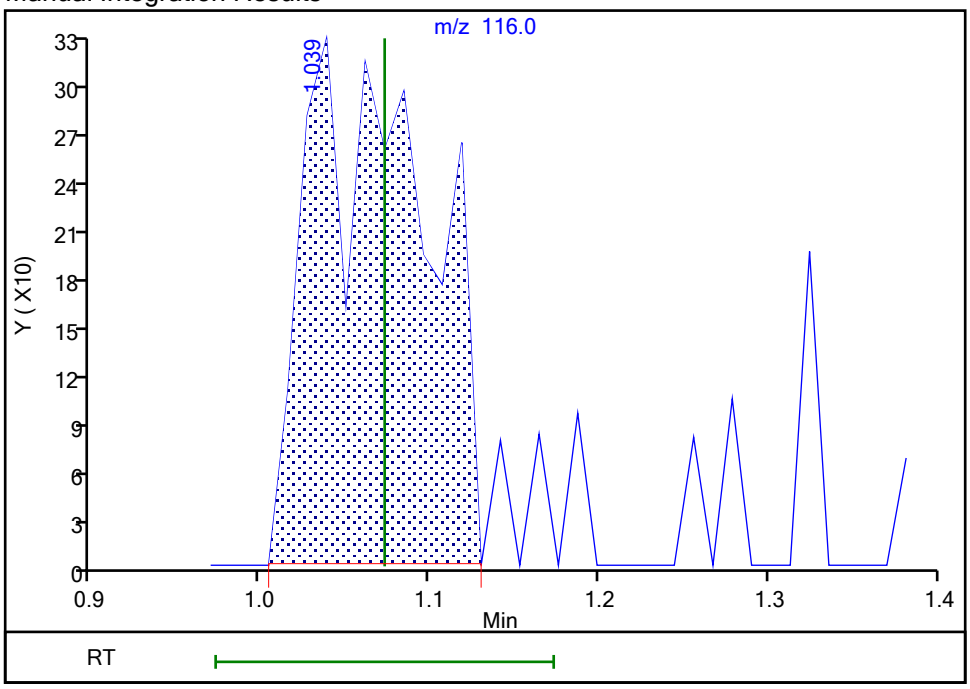
Processing Integration Results

RT: 1.06
Area: 474
Amount: 0.355793
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 1623
Amount: 1.214795
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:27:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

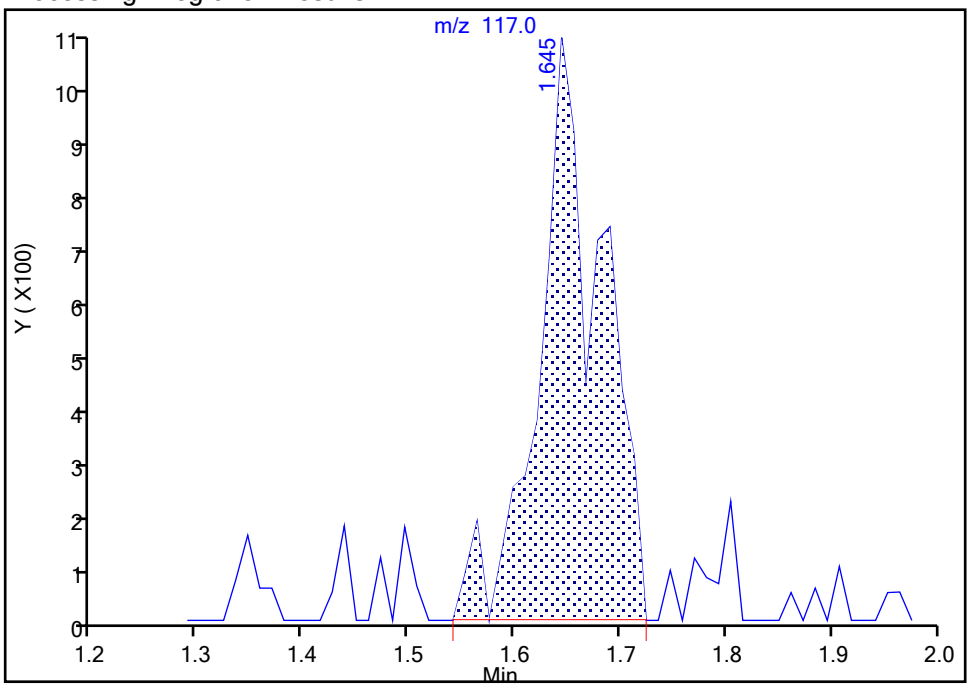
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

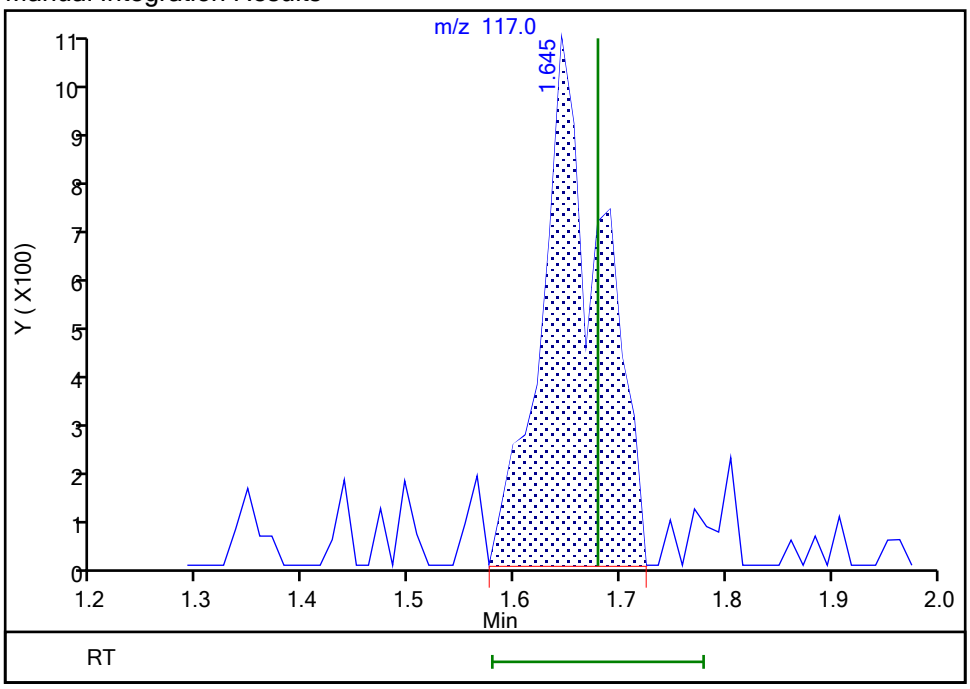
Processing Integration Results

RT: 1.64
Area: 4350
Amount: 1.210187
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 4171
Amount: 1.167573
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:28:20 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

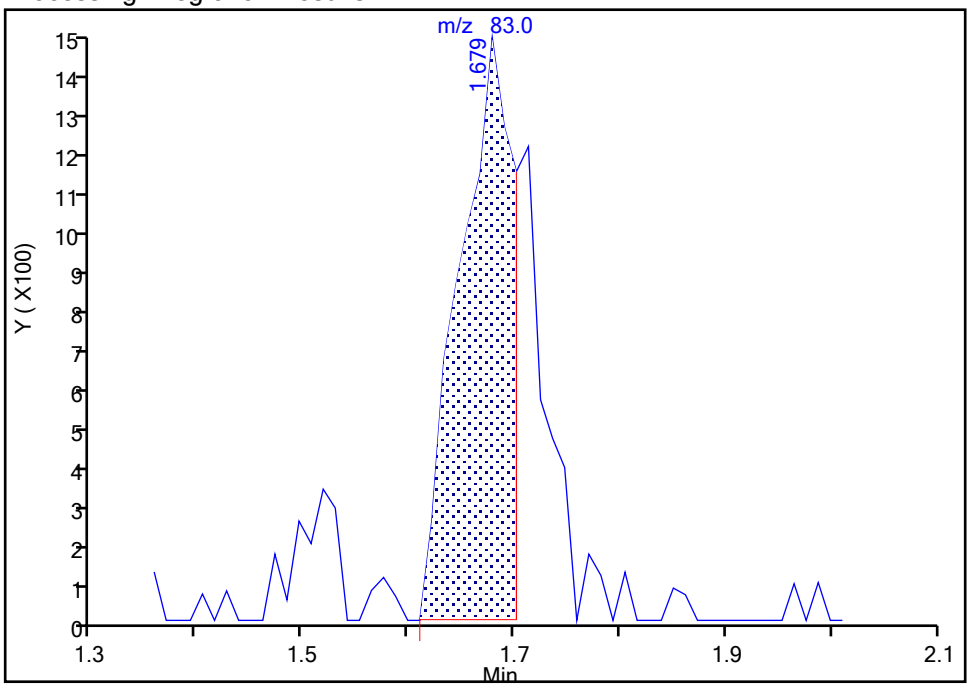
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

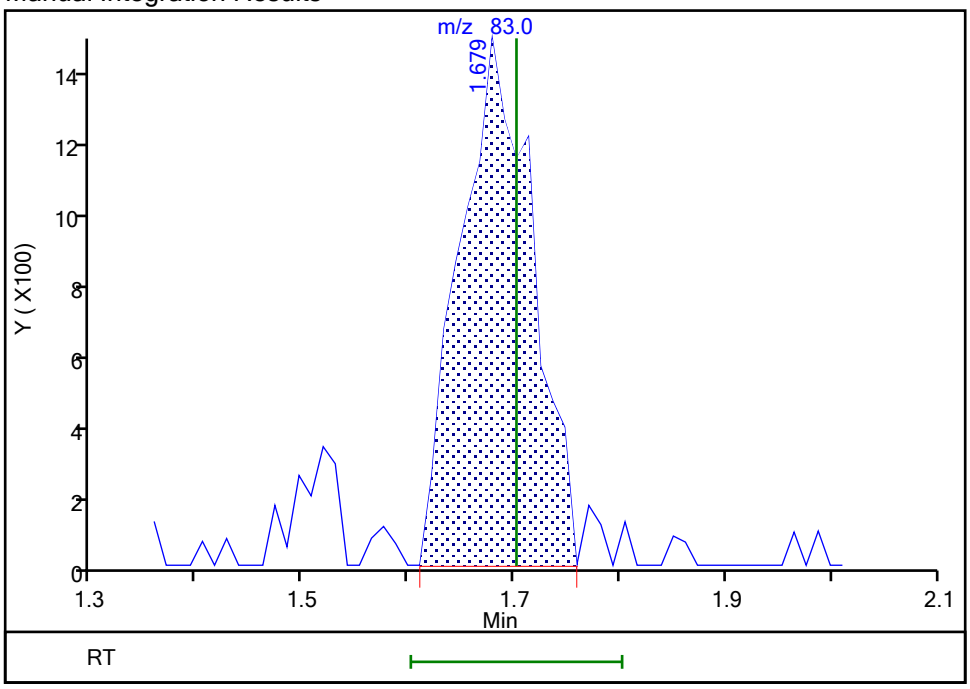
Processing Integration Results

RT: 1.68
Area: 5336
Amount: 0.909344
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 7128
Amount: 1.154153
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:28:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

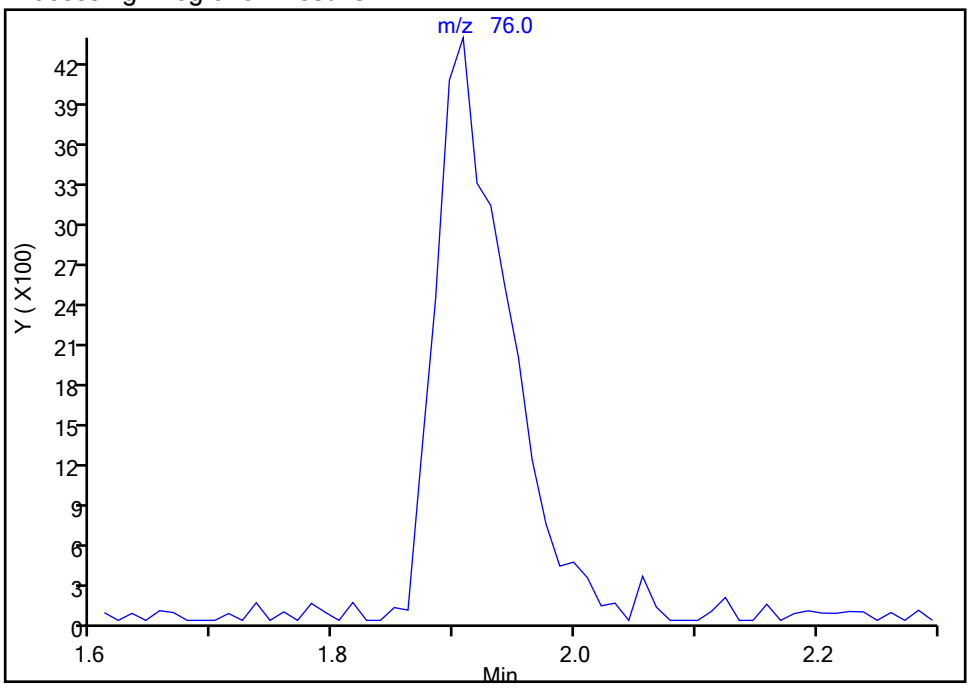
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

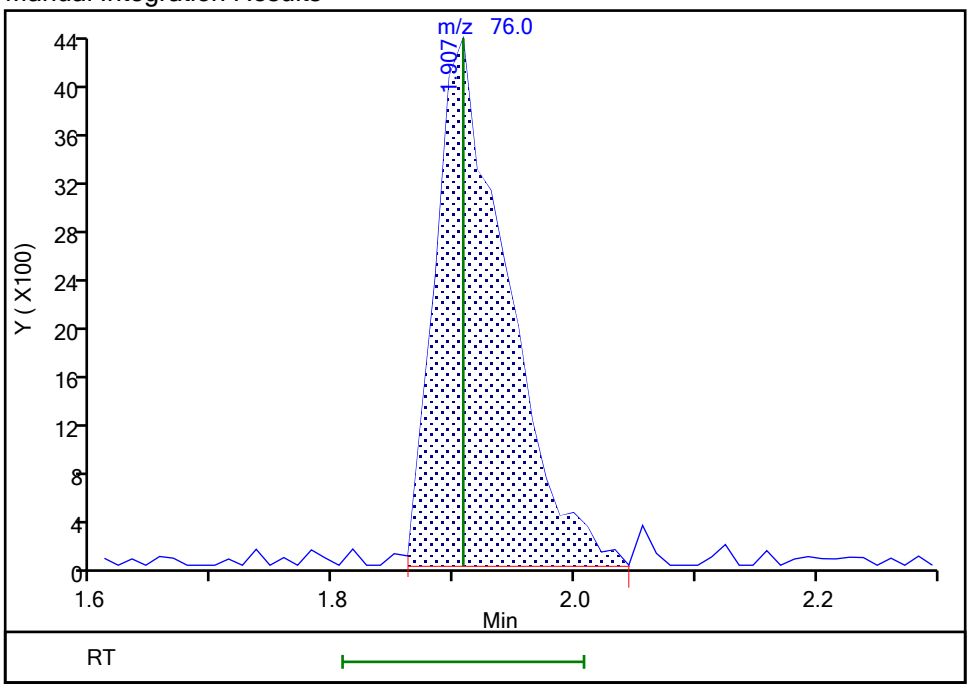
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 17909
Amount: 1.038362
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:28:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

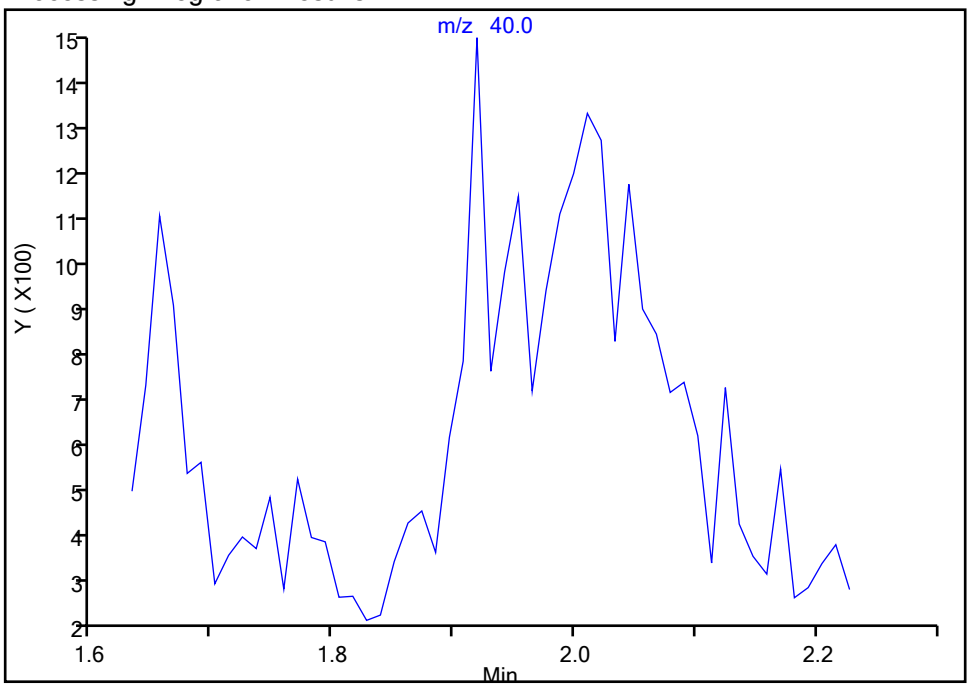
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

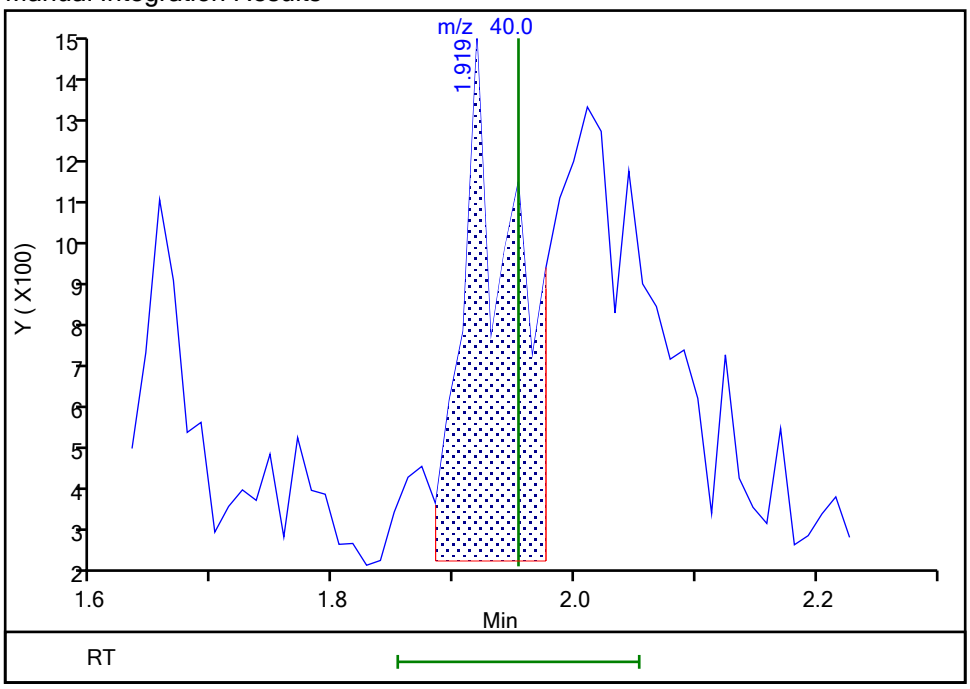
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 3737
Amount: 12.922149
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:29:10 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

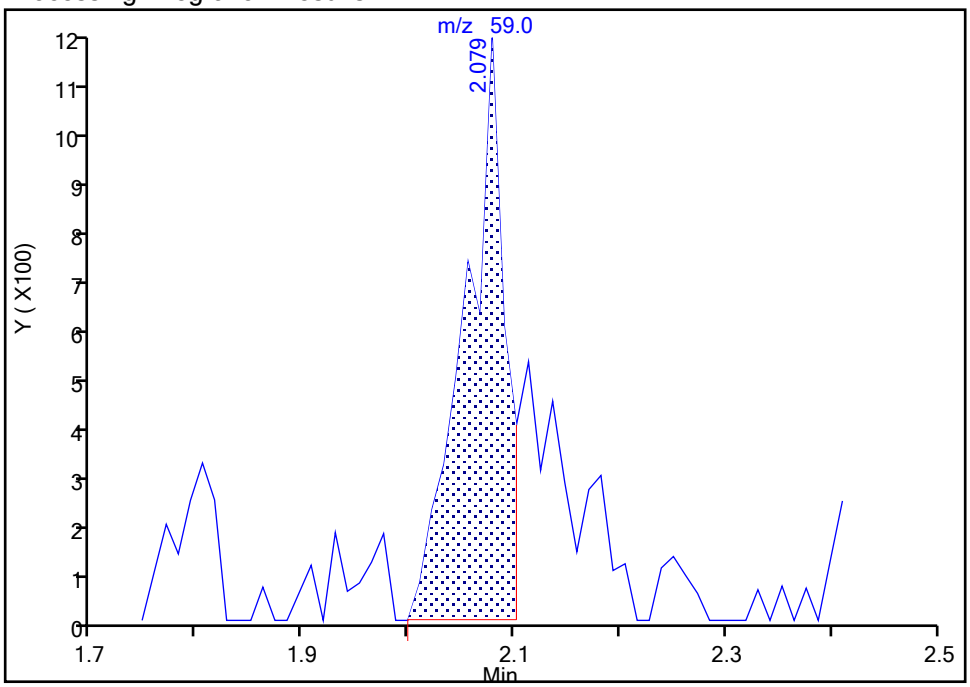
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

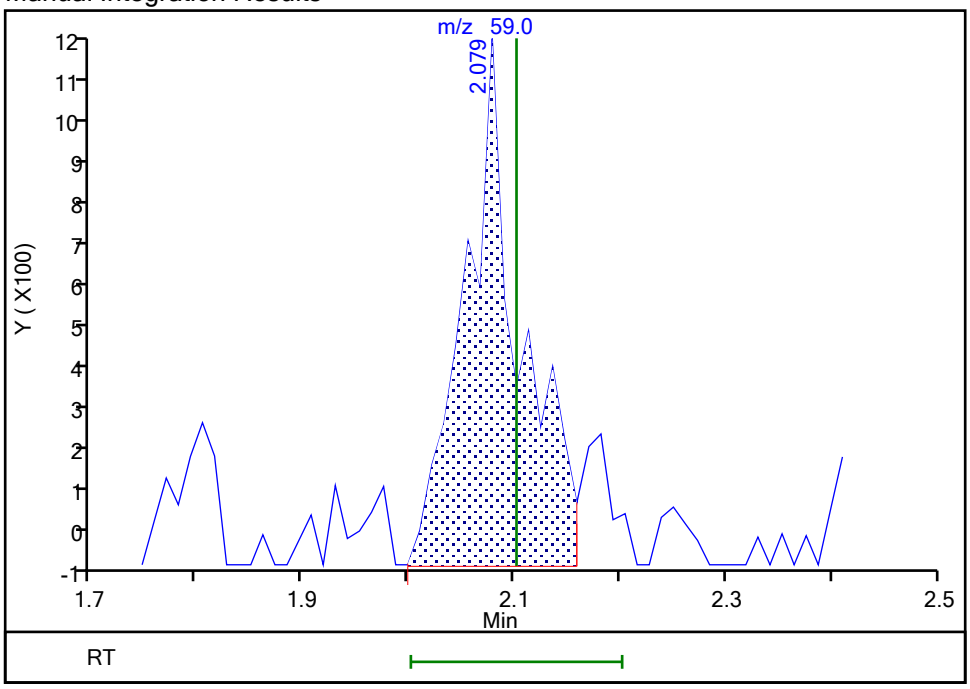
Processing Integration Results

RT: 2.08
Area: 3015
Amount: 11.116943
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 4127
Amount: 12.619344
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:29:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

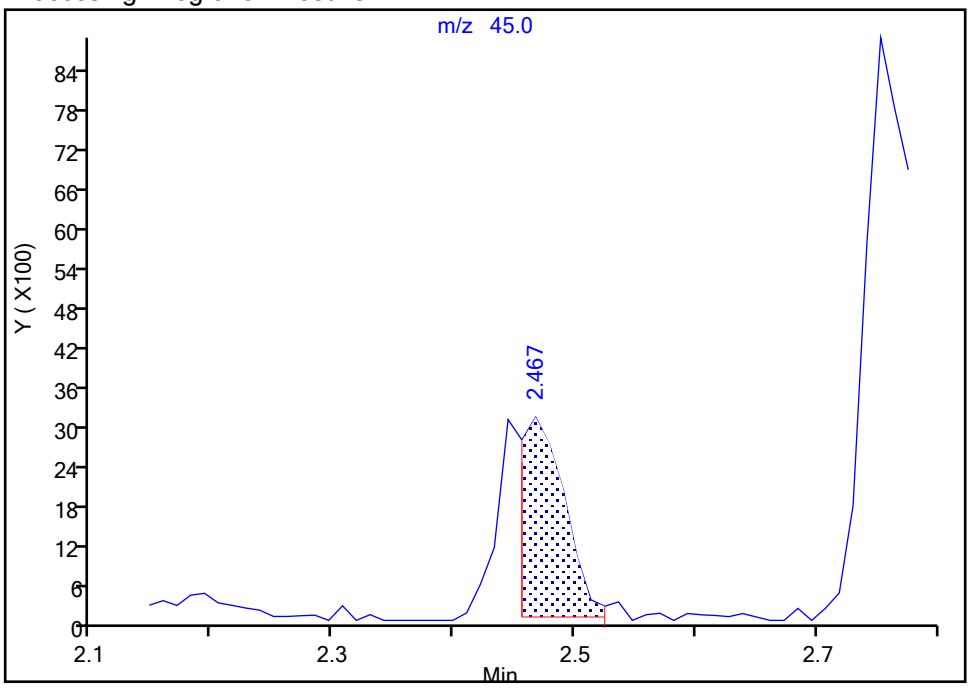
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Isopropyl ether, CAS: 108-20-3

Signal: 1

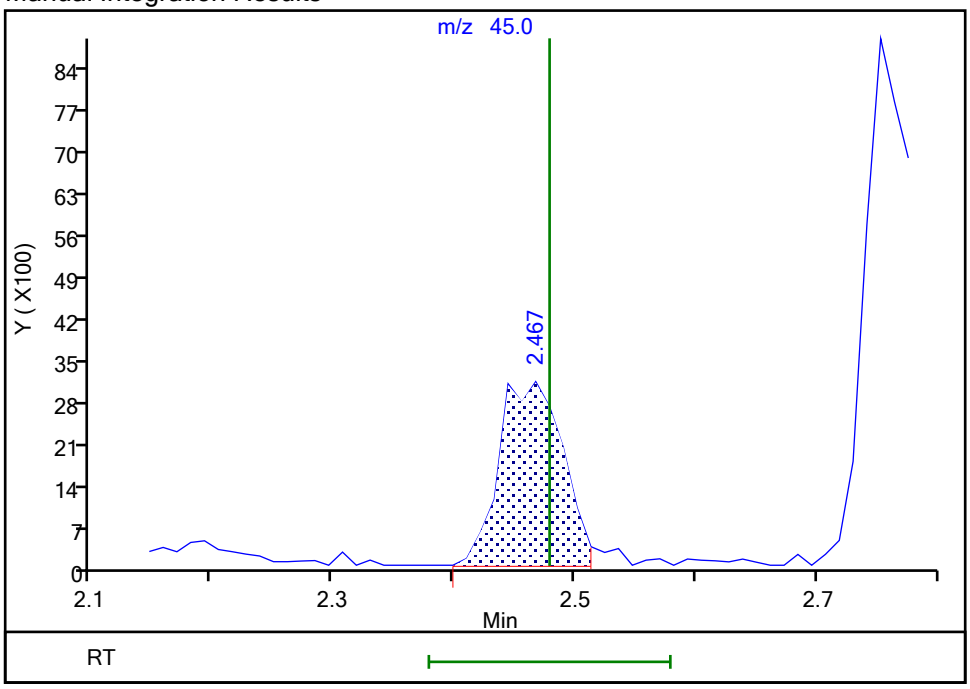
Processing Integration Results

RT: 2.47
Area: 8007
Amount: 0.709961
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 11426
Amount: 0.962894
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:29:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

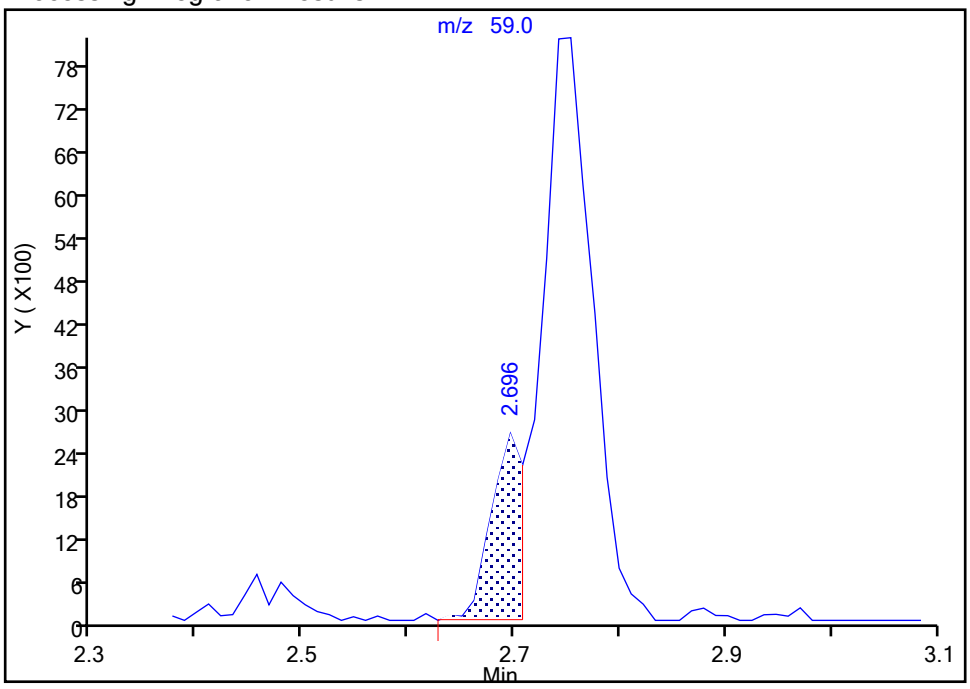
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

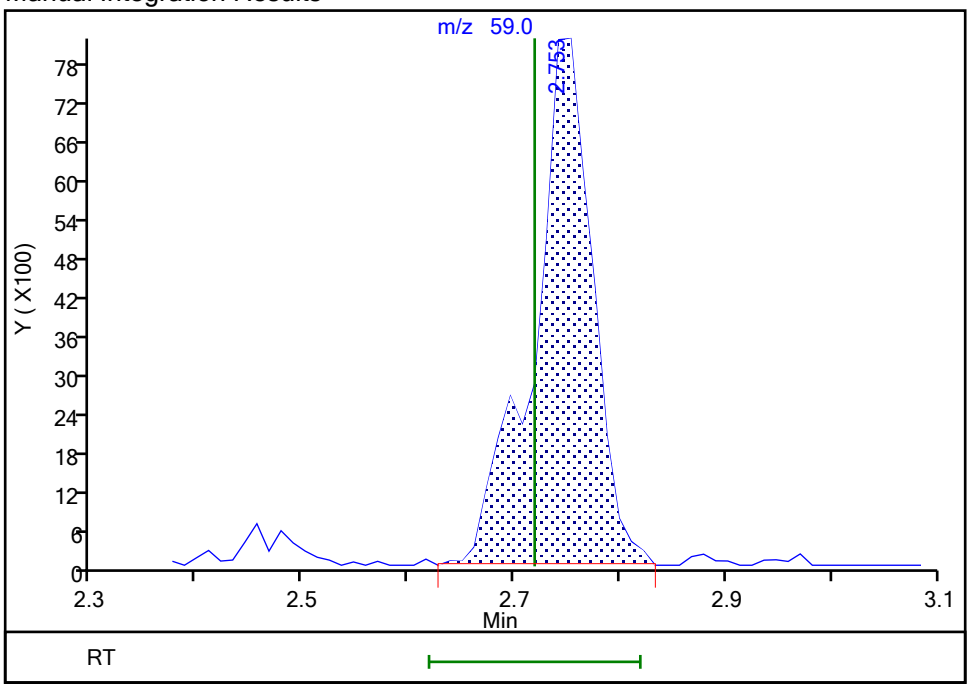
Processing Integration Results

RT: 2.70
Area: 5744
Amount: 0.954732
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 31747
Amount: 1.015939
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:33:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

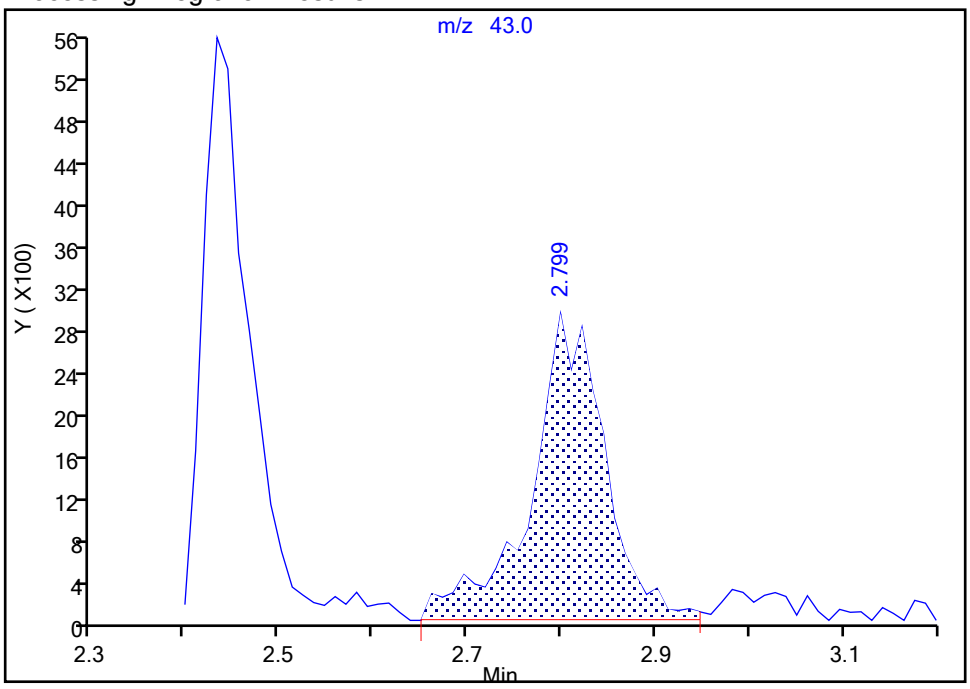
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

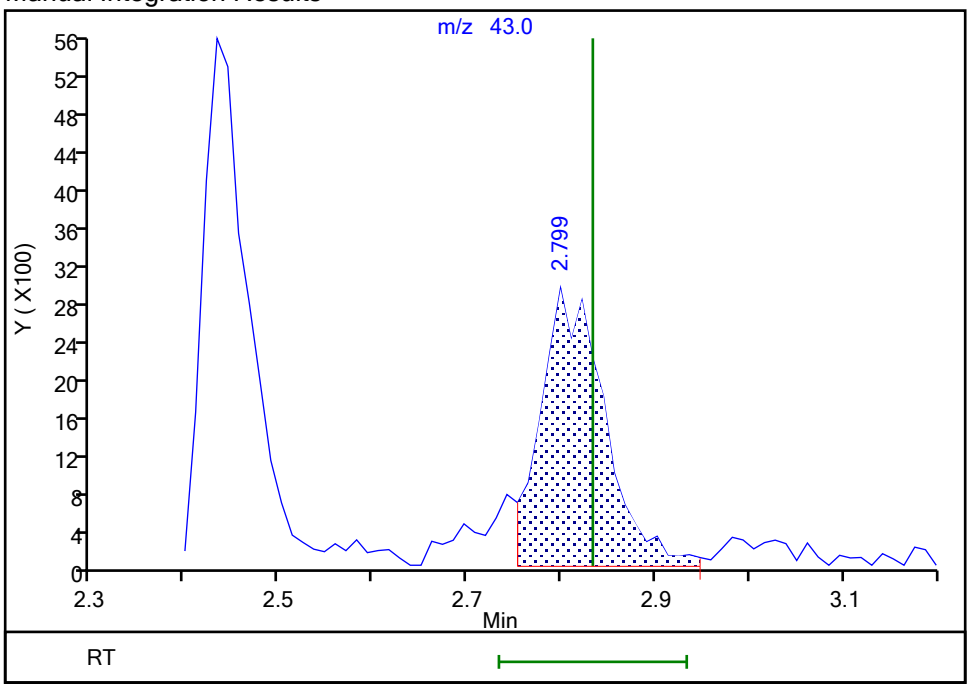
Processing Integration Results

RT: 2.80
Area: 16059
Amount: 2.614537
Amount Units: ug/l



Manual Integration Results

RT: 2.80
Area: 13945
Amount: 2.333096
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:30:20 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

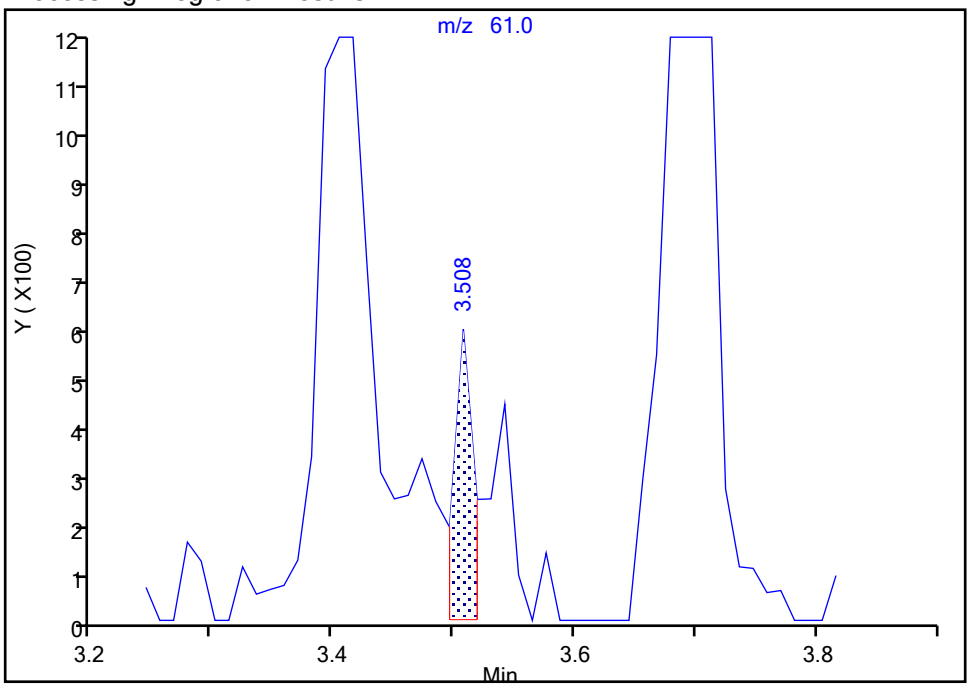
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

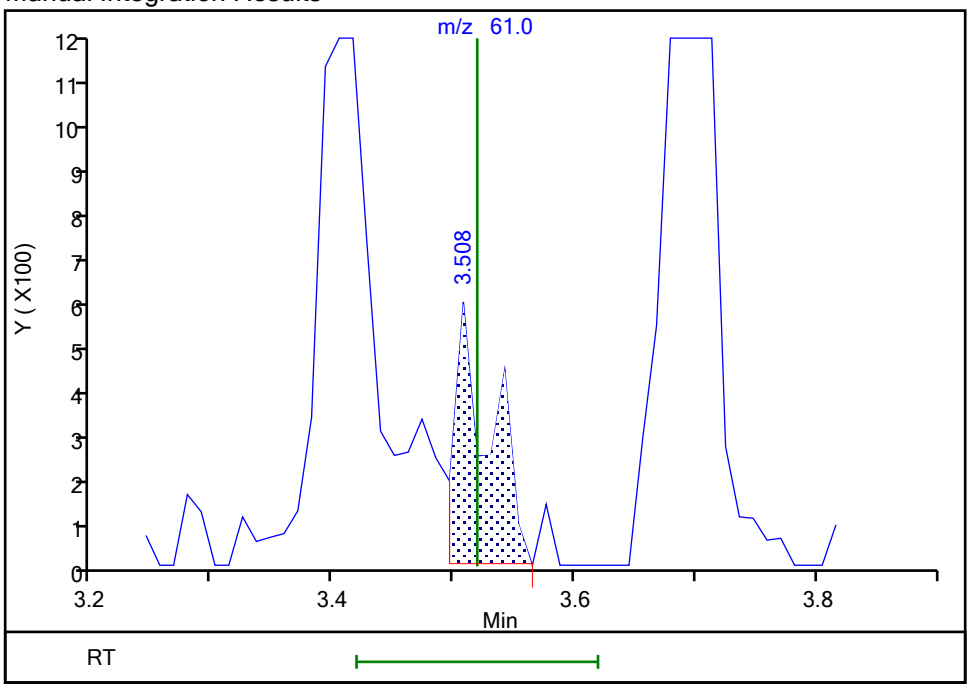
Processing Integration Results

RT: 3.51
Area: 674
Amount: 0.566011
Amount Units: ug/l



Manual Integration Results

RT: 3.51
Area: 1179
Amount: 0.944133
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:30:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

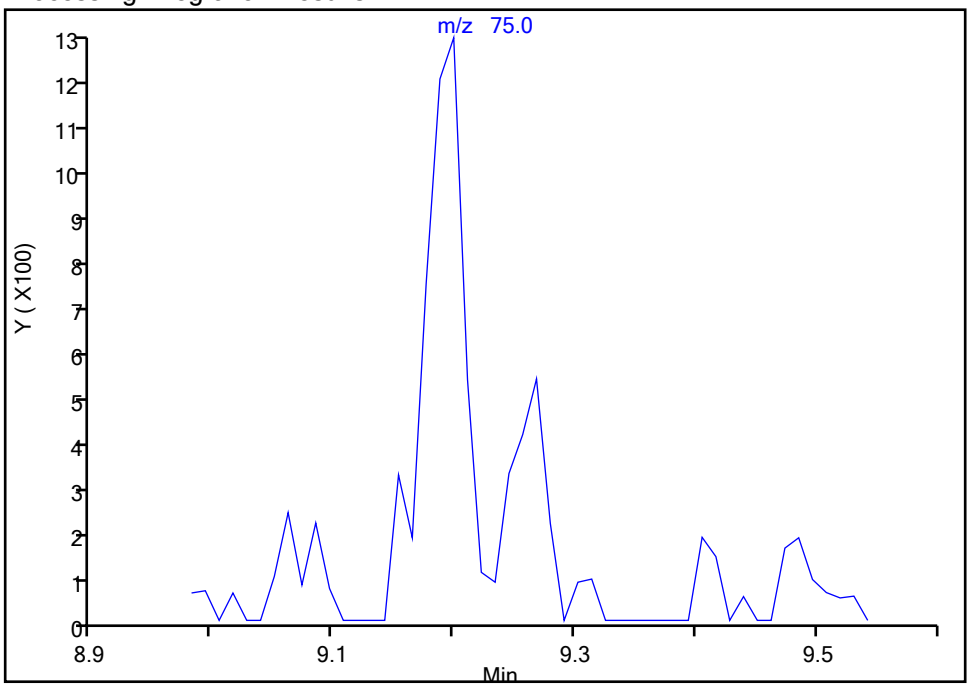
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64391.D
Injection Date: 28-Sep-2024 05:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

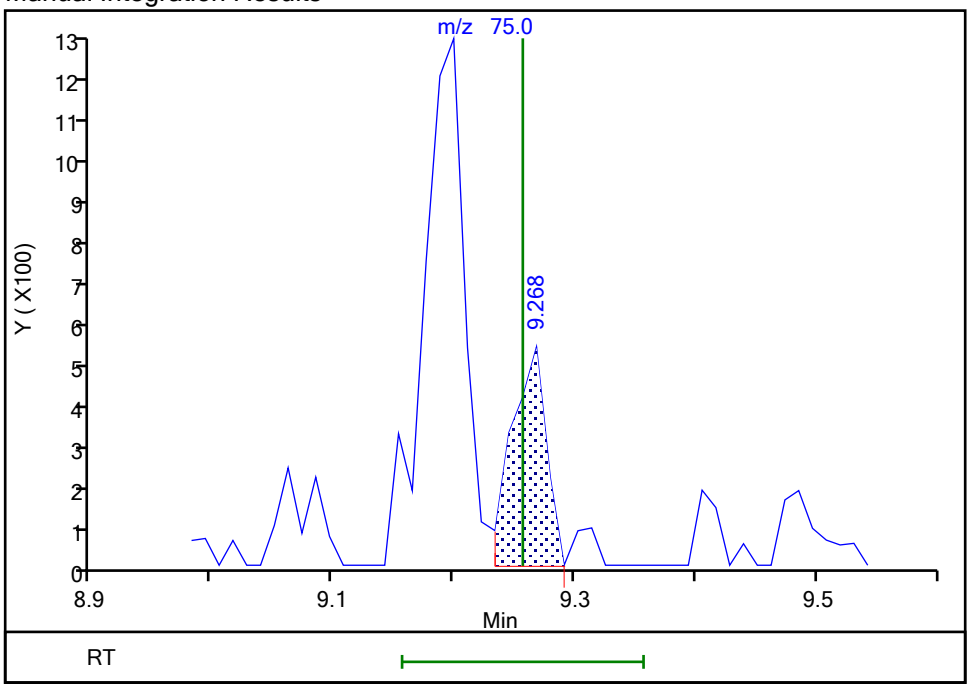
Not Detected
Expected RT: 9.26

Processing Integration Results



Manual Integration Results

RT: 9.27
Area: 1084
Amount: 1.035148
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:31:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Sep-2024 07:31:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0181453-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:23:18 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:56:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.050	1.073	-0.023	52	6860	5.00	4.45	
5 Chlorodifluoromethane	67	1.084	1.096	-0.012	95	5024	5.00	5.34	
3 Dichlorodifluoromethane	85	1.096	1.107	-0.011	50	35550	5.00	5.23	
6 Chloromethane	50	1.199	1.199	0.000	97	50653	5.00	5.12	
8 Butadiene	54	1.222	1.233	-0.011	89	32344	5.00	4.89	
7 Vinyl chloride	62	1.256	1.256	0.000	97	33148	5.00	4.55	
9 Bromomethane	94	1.404	1.405	-0.001	98	23267	5.00	4.88	
10 Chloroethane	64	1.416	1.416	0.000	90	20224	5.00	5.11	
11 Dichlorofluoromethane	67	1.530	1.530	0.000	98	55509	5.00	5.16	
13 Pentane	57	1.542	1.542	0.000	97	10916	10.0	9.68	M
12 Trichlorofluoromethane	101	1.576	1.576	0.000	97	35194	5.00	5.18	
15 Ethyl ether	59	1.633	1.633	0.000	94	17180	5.00	5.15	
14 Ethanol	46	1.633	1.645	-0.012	73	4723	200.0	223.4	
17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	86	20664	5.00	5.03	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.656	1.679	-0.023	85	19823	5.00	4.88	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.690	1.702	-0.012	93	35083	5.00	4.99	
19 Acrolein	56	1.713	1.713	0.000	87	16468	20.0	20.8	
20 1,1-Dichloroethene	96	1.770	1.782	-0.012	97	22160	5.00	5.28	
22 Acetone	58	1.782	1.782	0.000	67	10180	25.0	24.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.816	1.805	0.011	89	25169	5.00	5.56	
24 Isopropyl alcohol	45	1.862	1.850	0.012	29	10533	50.0	48.0	M
23 Iodomethane	142	1.862	1.873	-0.011	99	37926	5.00	5.02	
25 Carbon disulfide	76	1.907	1.907	0.000	98	97676	5.00	4.98	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	88	97676	5.00	4.98	a
26 Acetonitrile	40	1.930	1.953	-0.023	83	16762	50.0	47.1	
28 Methyl acetate	43	1.953	1.953	0.000	66	26091	10.0	9.90	
29 Cyclopentene	67	2.010	2.010	0.000	78	48380	5.00	4.75	
30 Methylene Chloride	84	2.022	2.022	0.000	88	27108	5.00	4.99	
* 31 TBA-d9 (IS)	65	2.045	2.022	0.023	100	412671	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.090	2.102	-0.012	34	19570	50.0	48.7	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.148	-0.001	98	76382	50.0	49.4	
34 trans-1,2-Dichloroethene	96	2.170	2.182	-0.012	95	21149	5.00	4.86	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	80	60159	5.00	4.89	
36 Hexane	57	2.330	2.342	-0.012	94	19566	5.00	4.43	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	80	37042	5.00	4.74	
38 Vinyl acetate	86	2.445	2.445	0.000	100	6352	10.0	9.15	
39 Isopropyl ether	45	2.467	2.479	-0.012	88	64935	5.00	4.81	
40 2-Chloro-1,3-butadiene	88	2.479	2.490	-0.011	82	16414	5.00	4.70	
41 Tert-butyl ethyl ether	59	2.707	2.719	-0.012	88	84602	5.00	4.65	M
* 43 2-Butanone-d5	46	2.753	2.753	0.000	100	322424	250.0	250.0	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	89	8695	25.0	22.8	
45 cis-1,2-Dichloroethene	96	2.799	2.810	-0.011	96	22070	5.00	4.64	
44 2,2-Dichloropropane	97	2.833	2.822	0.011	67	7727	5.00	5.14	
47 Ethyl acetate	43	2.799	2.833	-0.034	96	67831	10.0	9.84	a
42 Propionitrile	54	2.845	2.845	0.000	95	26693	50.0	53.2	
48 Methyl acrylate	55	2.856	2.868	-0.012	32	17747	5.00	4.77	
50 Methacrylonitrile	67	2.948	2.959	-0.011	90	71432	50.0	48.5	
49 Chlorobromomethane	128	2.970	2.970	0.000	93	10649	5.00	5.04	
51 Tetrahydrofuran	42	3.005	3.016	-0.011	38	9353	10.0	8.34	
52 Chloroform	83	3.028	3.028	0.000	99	34738	5.00	4.88	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.153	-0.011	96	196796	50.0	52.2	
54 1,1,1-Trichloroethane	97	3.188	3.199	-0.011	99	28673	5.00	4.64	
55 Cyclohexane	84	3.245	3.245	0.000	93	28797	5.00	4.34	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	97	25111	5.00	4.84	
56 Carbon tetrachloride	117	3.325	3.325	0.000	96	25317	5.00	5.06	
61 Isobutyl alcohol	43	3.370	3.382	-0.012	91	16330	125.0	122.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.416	-0.011	98	217705	50.0	51.3	
59 Benzene	78	3.462	3.473	-0.011	93	76071	5.00	4.98	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	58	23294	5.00	4.78	
63 Isopropyl acetate	61	3.508	3.519	-0.011	42	6923	5.00	4.87	a
62 Isooctane	57	3.542	3.553	-0.011	99	39865	5.00	4.45	
64 Tert-amyl methyl ether	73	3.565	3.576	-0.011	92	51080	5.00	4.28	
66 n-Heptane	43	3.690	3.702	-0.012	38	13771	5.00	4.49	
* 65 Fluorobenzene	96	3.690	3.702	-0.012	98	531824	50.0	50.0	
68 n-Butanol	56	3.953	3.953	0.000	91	8465	125.0	118.9	
67 Trichloroethene	95	4.022	4.033	-0.011	96	17809	5.00	4.78	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	15200	5.00	4.42	
70 Methylcyclohexane	83	4.228	4.228	0.000	87	25156	5.00	4.29	
71 1,2-Dichloropropane	63	4.228	4.239	-0.011	85	18251	5.00	4.69	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	76	33241	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	93	11137	5.00	4.64	
75 Methyl methacrylate	100	4.353	4.365	-0.012	93	6245	10.0	8.45	
74 1,4-Dioxane	88	4.353	4.365	-0.012	31	4419	100.0	119.4	
76 n-Propyl acetate	43	4.422	4.422	0.000	96	16191	5.00	4.16	
77 Dichlorobromomethane	83	4.502	4.502	0.000	99	21469	5.00	4.62	
78 2-Nitropropane	41	4.731	4.742	-0.011	99	6006	10.0	9.10	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	89	9497	5.01	4.78	
80 Epichlorohydrin	57	4.879	4.891	-0.012	98	27353	100.0	86.0	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	92	23687	5.00	4.47	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	96	64419	25.0	20.9	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	100	633795	50.0	51.0	
84 Toluene	91	5.359	5.371	-0.012	94	63385	5.00	4.60	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.633	5.634	-0.001	96	21206	5.00	4.95	
86 Ethyl methacrylate	69	5.782	5.782	0.000	89	14019	5.00	4.04	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	93	12372	5.00	5.43	
88 Tetrachloroethene	166	6.022	6.022	0.000	95	14400	5.00	4.99	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	92	21330	5.00	4.75	
90 2-Hexanone	43	6.205	6.205	0.000	98	35648	25.0	22.4	
91 Chlorodibromomethane	129	6.331	6.331	0.000	97	12688	5.00	4.41	
92 n-Butyl acetate	43	6.399	6.411	-0.012	96	15539	5.00	4.04	
93 Ethylene Dibromide	107	6.456	6.468	-0.012	99	11847	5.00	4.71	
* 94 Chlorobenzene-d5	117	7.108	7.119	-0.011	86	380589	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	93	37830	5.00	4.71	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	94	15694	5.00	4.88	
97 Ethylbenzene	106	7.337	7.337	-0.001	99	17537	5.00	4.25	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	96	21775	5.00	4.33	
99 o-Xylene	106	8.091	8.091	0.000	96	23224	5.00	4.38	
100 Styrene	104	8.114	8.114	0.000	99	34167	5.00	4.36	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	8391	5.00	4.10	
102 Bromoform	173	8.331	8.342	-0.011	90	6799	5.00	4.15	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	95	16974	5.00	2.99	
104 Isopropylbenzene	105	8.674	8.674	0.000	96	48940	5.00	4.06	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	89	151105	50.0	50.9	
106 Bromobenzene	156	9.062	9.074	-0.012	96	13127	5.00	4.23	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	98	18751	5.00	4.96	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	96	13111	5.00	4.55	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	87	5968	5.00	4.99	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	60603	5.00	4.05	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	41700	5.00	4.34	
112 4-Ethyltoluene	105	9.520	9.520	0.000	98	46922	5.00	4.01	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	37922	5.00	4.09	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	93	43947	5.00	3.90	
115 Butyl Methacrylate	87	9.897	9.897	0.000	88	13709	5.00	3.04	
116 tert-Butylbenzene	119	10.137	10.148	-0.011	94	33823	5.00	3.15	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	96	47679	5.00	4.12	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	51215	5.00	3.09	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	93	26960	5.00	4.56	
* 120 1,4-Dichlorobenzene-d4	152	10.594	10.605	-0.011	96	215841	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	90	29742	5.00	4.71	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	46270	5.00	4.12	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	98	54310	5.00	4.10	
124 Benzyl chloride	126	10.788	10.788	0.000	98	5445	5.00	4.64	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	95	48937	5.00	4.15	
126 1,2-Dichlorobenzene	146	10.983	10.994	-0.011	94	29215	5.00	4.59	
127 p-Diethylbenzene	119	11.017	11.017	0.000	92	24482	5.00	3.94	
128 n-Butylbenzene	92	11.028	11.040	-0.012	96	23204	5.00	4.16	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	80	2647	5.00	4.24	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	97	36225	5.00	2.63	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	96	19535	5.00	4.45	
132 1,2,4-Trichlorobenzene	180	12.171	12.160	0.011	92	19293	5.00	4.81	
133 Hexachlorobutadiene	225	12.286	12.274	0.012	92	5088	5.00	4.59	
134 Naphthalene	128	12.308	12.297	0.011	99	44266	5.00	4.65	
135 1,2,3-Trichlorobenzene	180	12.457	12.446	0.011	95	15618	5.00	4.51	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		10.0	8.71	
S 139 Total BTEX	1				0		25.0	22.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
GASES Li_00605	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	10.00	Units: uL	
ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
524FREONS_00024	Amount Added:	10.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:23:18 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D

Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9 Operator ID:

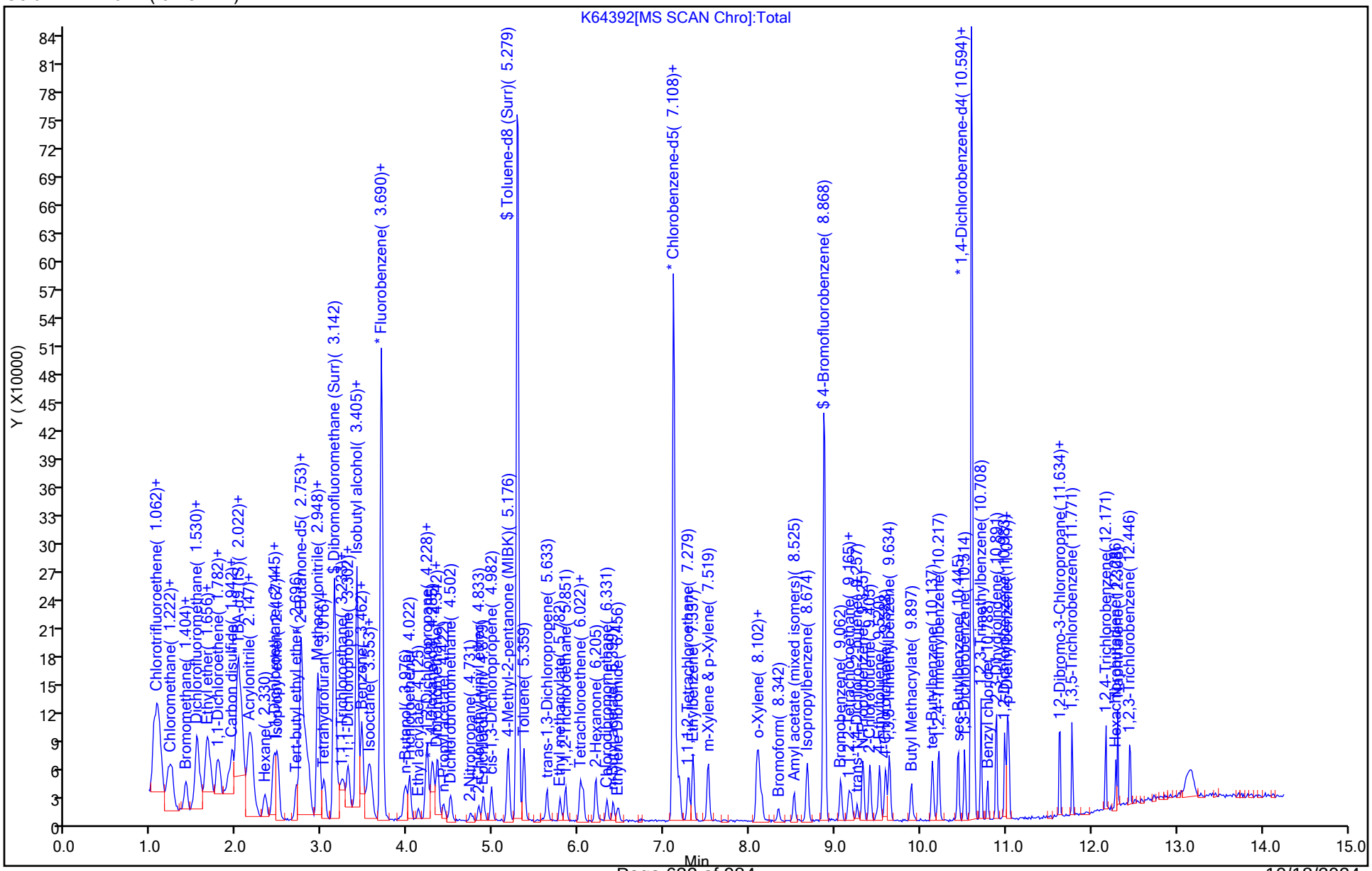
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

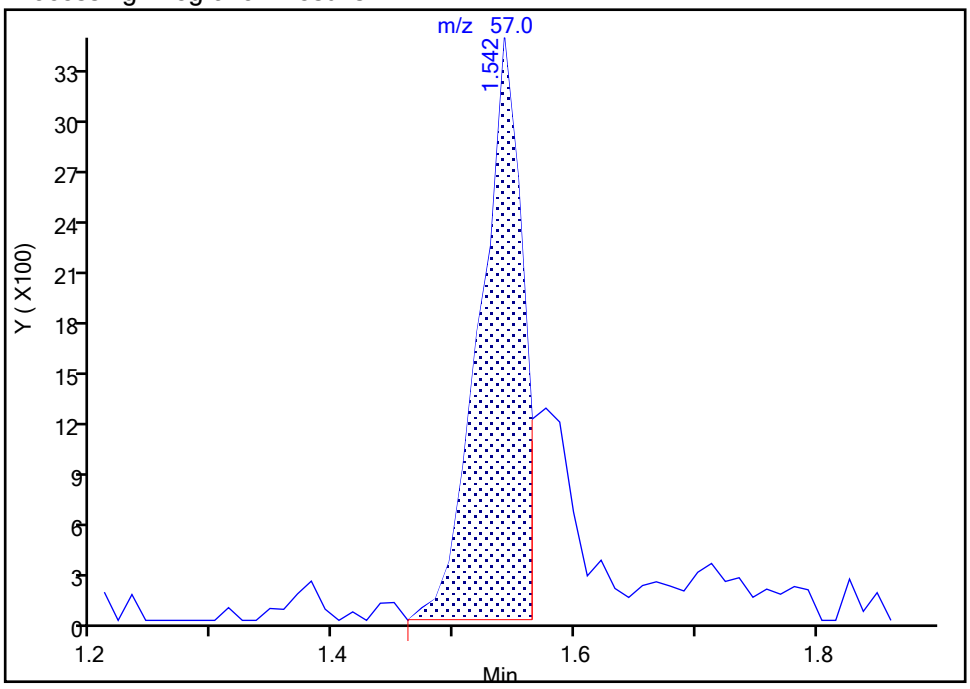
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

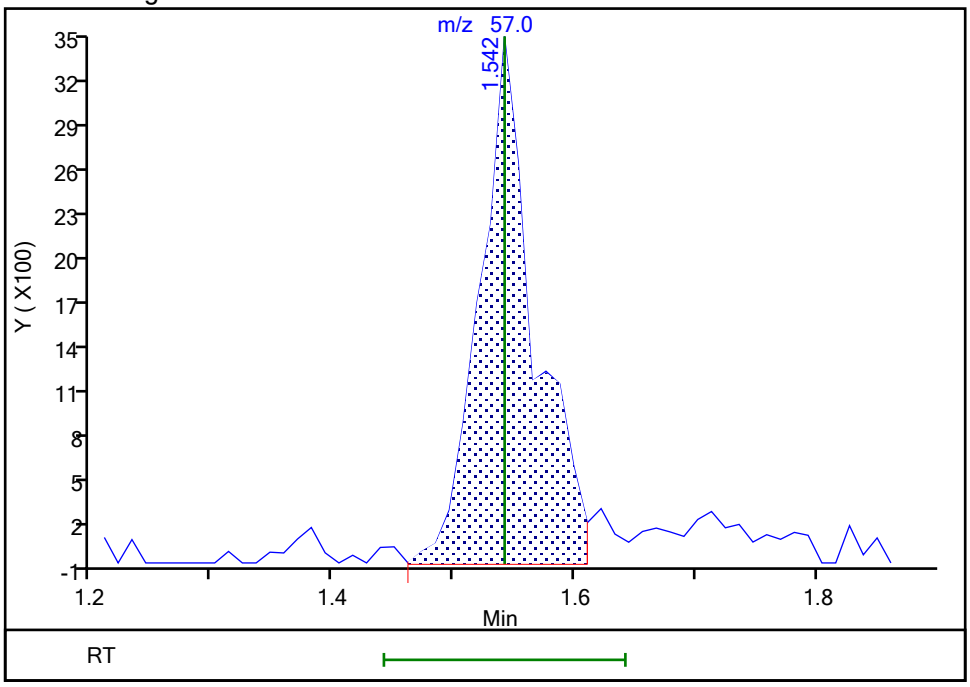
Processing Integration Results

RT: 1.54
Area: 8623
Amount: 7.920533
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 10916
Amount: 9.678794
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:31:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

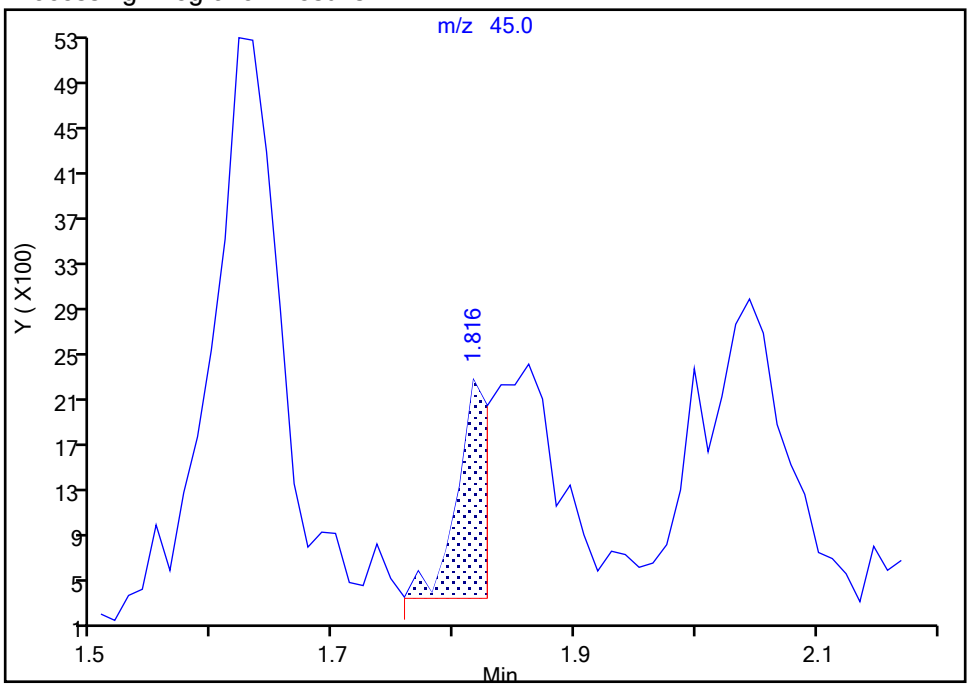
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

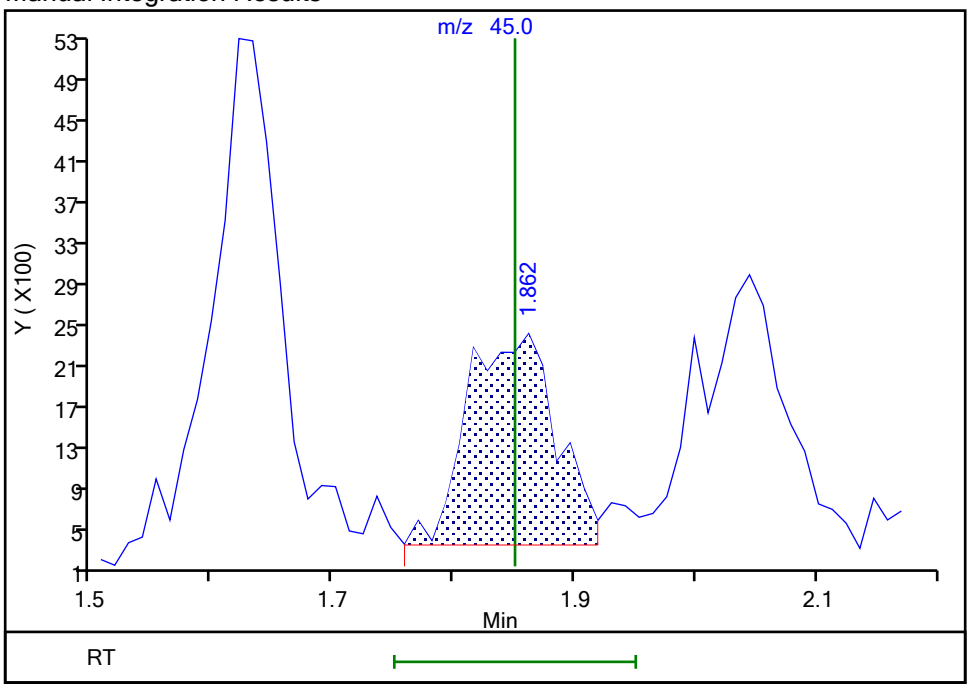
Processing Integration Results

RT: 1.82
Area: 3563
Amount: 14.425524
Amount Units: ug/l



Manual Integration Results

RT: 1.86
Area: 10533
Amount: 47.957974
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:32:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

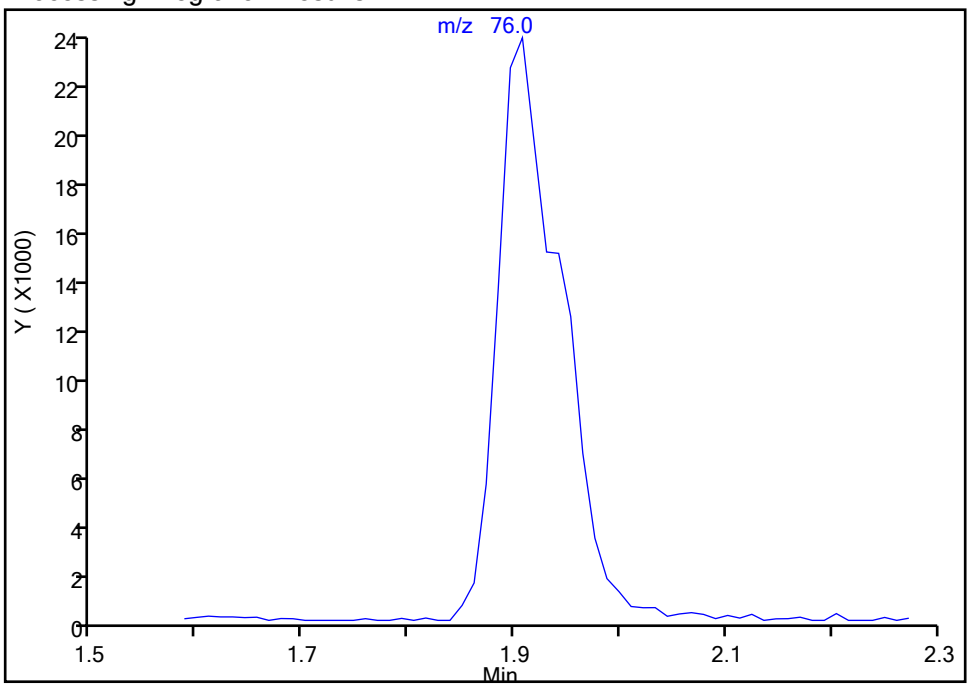
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

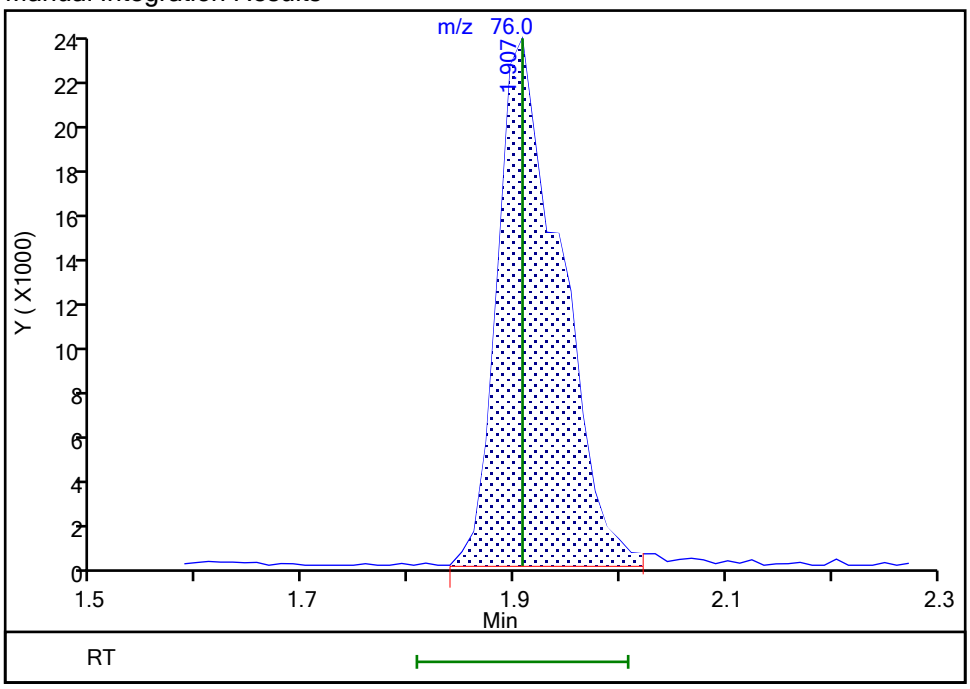
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 97676
Amount: 4.978034
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:32:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

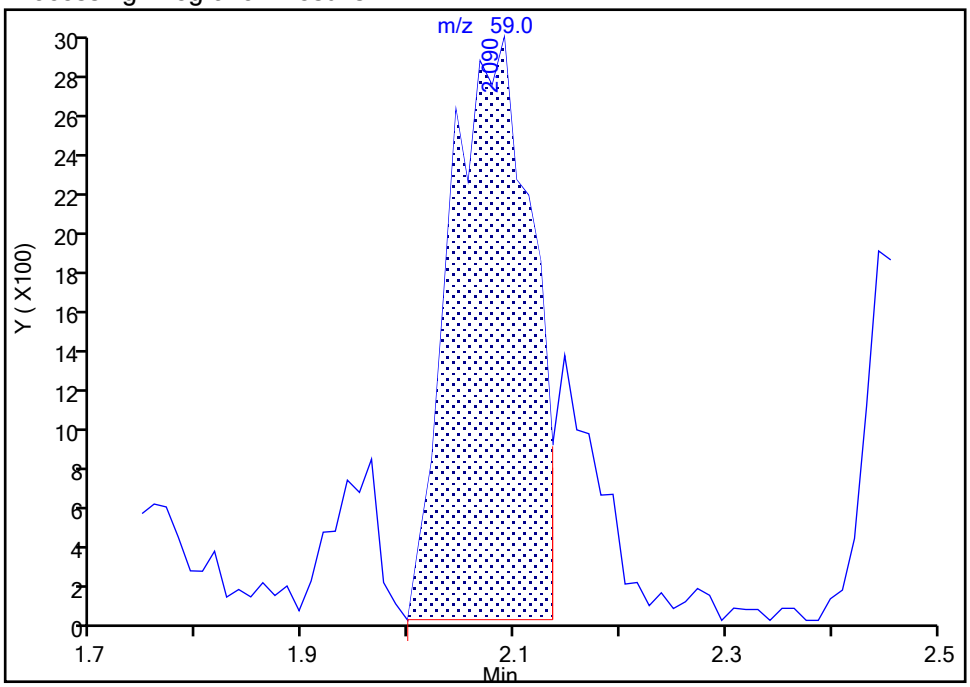
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

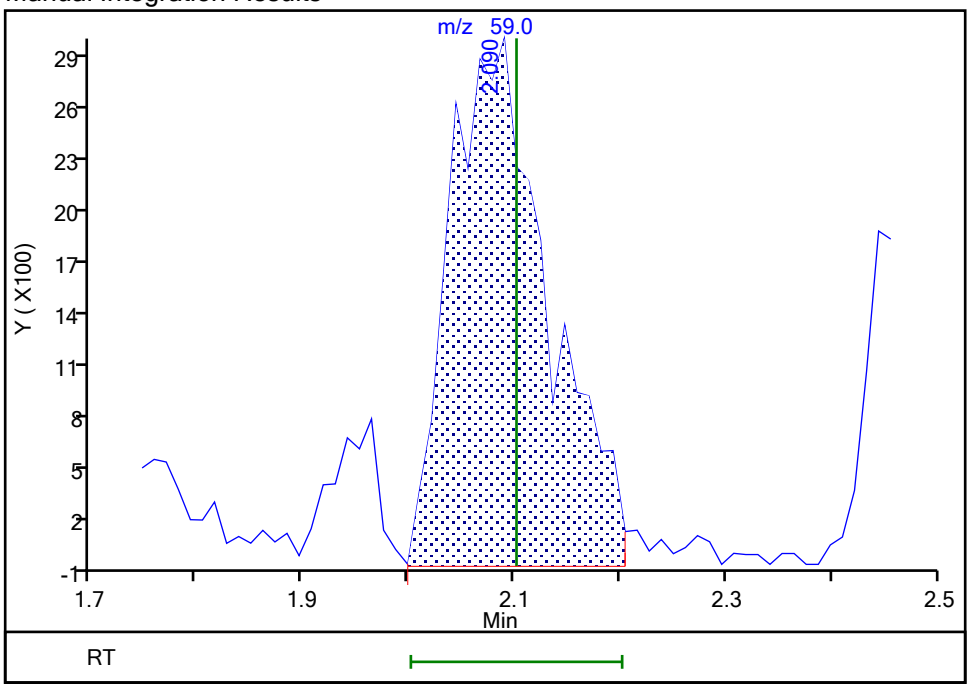
Processing Integration Results

RT: 2.09
Area: 16221
Amount: 45.515860
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 19570
Amount: 48.650598
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:32:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

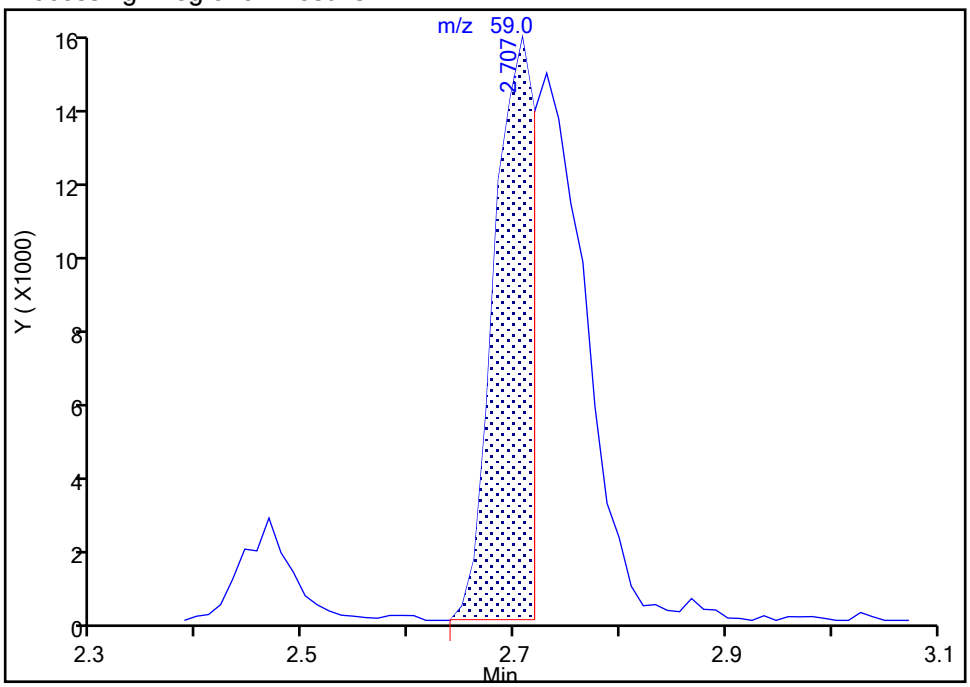
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

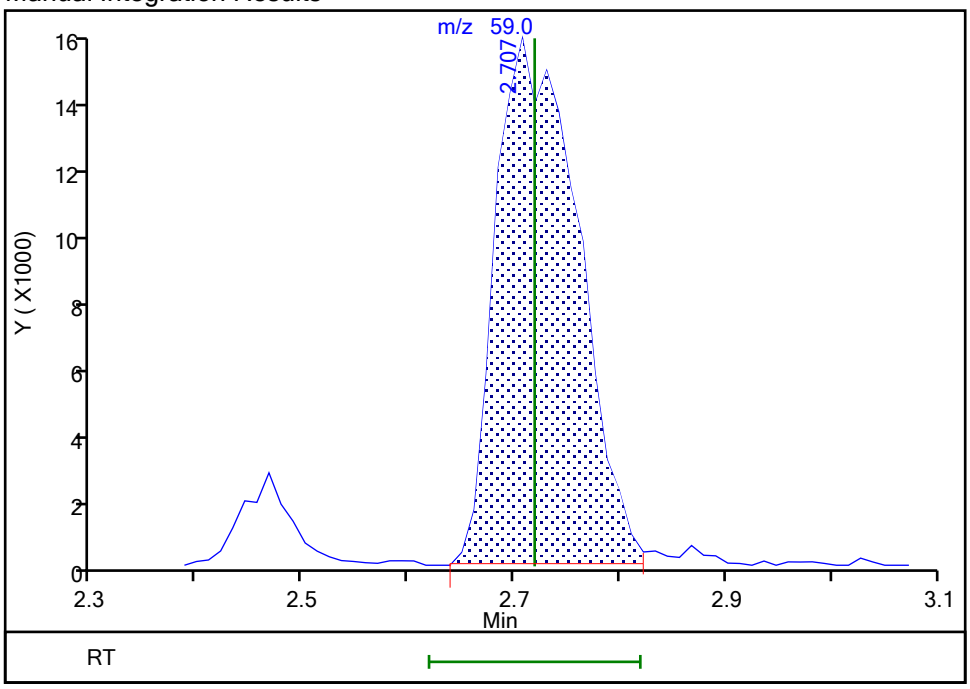
Processing Integration Results

RT: 2.71
Area: 42889
Amount: 3.754770
Amount Units: ug/l



Manual Integration Results

RT: 2.71
Area: 84602
Amount: 4.645869
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:32:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

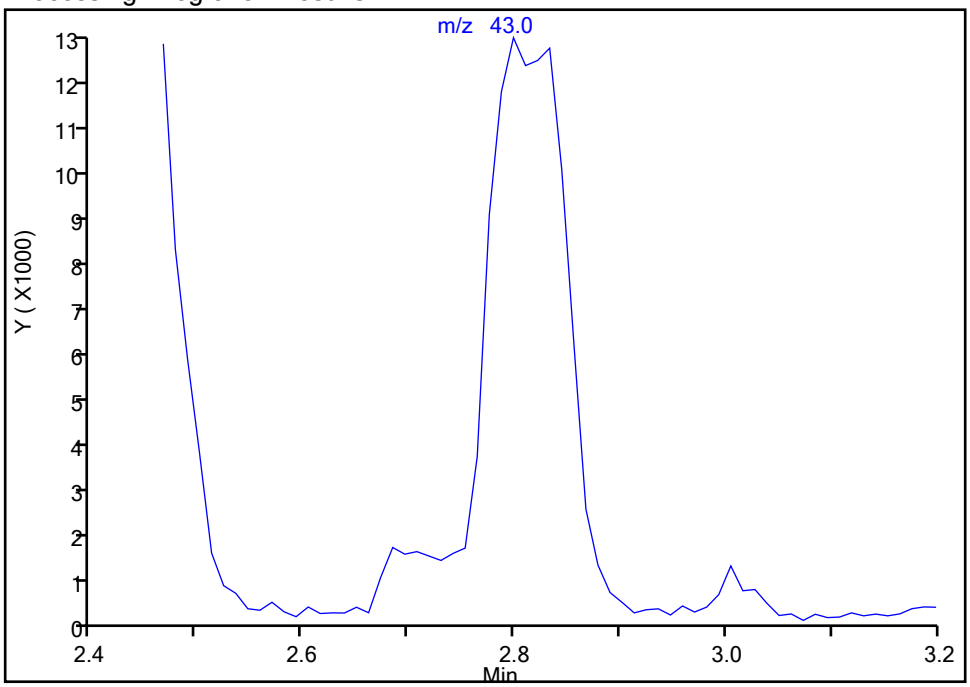
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

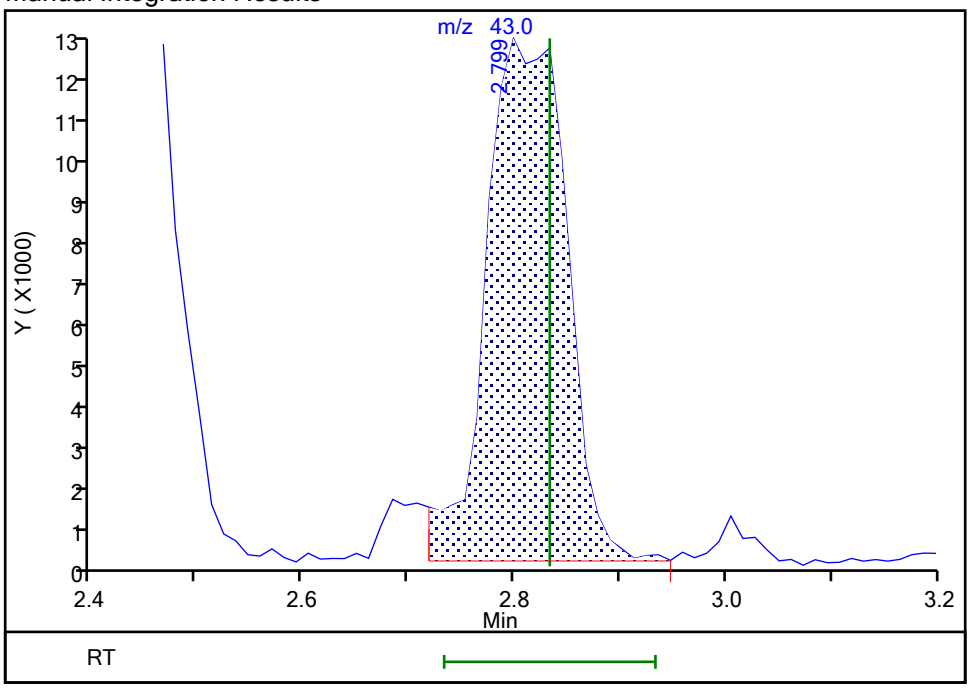
Not Detected
Expected RT: 2.83

Processing Integration Results



Manual Integration Results

RT: 2.80
Area: 67831
Amount: 9.838337
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:33:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

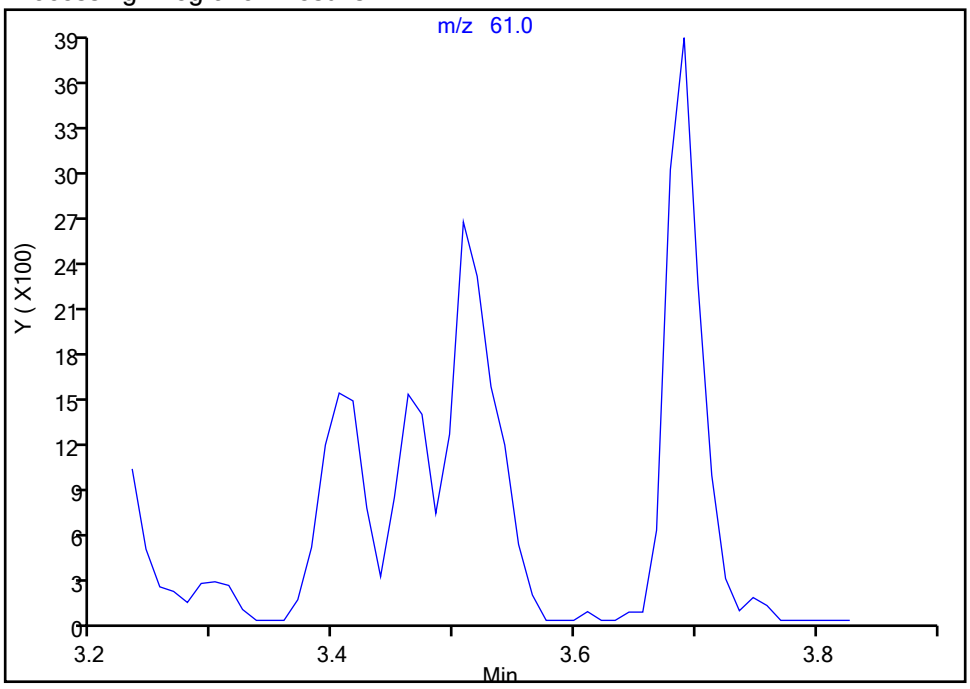
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64392.D
Injection Date: 28-Sep-2024 07:31:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

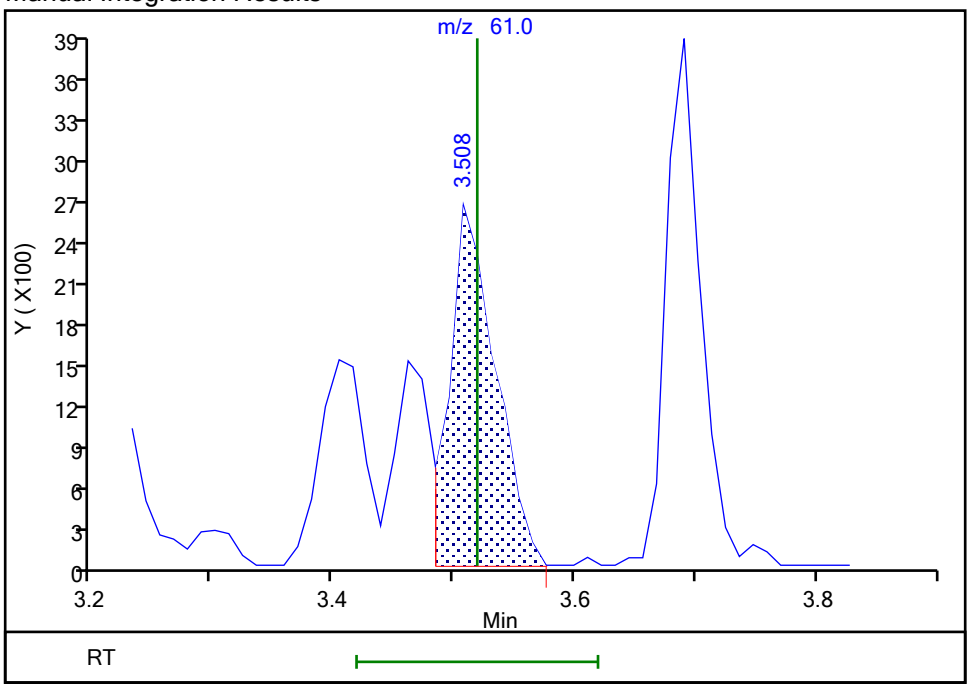
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.51
Area: 6923
Amount: 4.873105
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:33:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 28-Sep-2024 07:55:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0181453-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:23:38 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:46:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.073	0.000	54	29162	20.0	18.6	
5 Chlorodifluoromethane	67	1.084	1.084	0.000	94	19276	20.0	20.0	
3 Dichlorodifluoromethane	85	1.096	1.096	0.000	57	142167	20.0	20.4	
6 Chloromethane	50	1.199	1.199	0.000	99	203788	20.0	20.1	
8 Butadiene	54	1.222	1.222	0.000	93	121438	20.0	17.9	
7 Vinyl chloride	62	1.256	1.256	0.000	97	133667	20.0	17.9	
9 Bromomethane	94	1.404	1.404	0.000	99	92143	20.0	18.9	
10 Chloroethane	64	1.416	1.416	0.000	98	79250	20.0	19.5	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	98	210304	20.0	19.1	
13 Pentane	57	1.542	1.542	0.000	97	40453	40.0	35.0	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	96	128401	20.0	18.5	
15 Ethyl ether	59	1.633	1.633	0.000	92	65384	20.0	19.1	
14 Ethanol	46	1.633	1.633	0.000	78	17127	800.0	846.0	
17 2-Methyl-1,3-butadiene	53	1.667	1.667	0.000	94	79003	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.679	1.679	0.000	87	81446	20.0	19.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.690	1.690	0.000	82	141795	20.0	19.7	
19 Acrolein	56	1.702	1.702	0.000	38	31363	40.0	44.4	
20 1,1-Dichloroethene	96	1.770	1.770	0.000	98	82659	20.0	19.2	
22 Acetone	58	1.782	1.782	0.000	77	37175	100.0	89.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.804	1.804	0.000	93	86140	20.0	18.6	
24 Isopropyl alcohol	45	1.839	1.839	0.000	29	37659	200.0	179.1	
23 Iodomethane	142	1.862	1.862	0.000	97	144490	20.0	18.7	
25 Carbon disulfide	76	1.907	1.907	0.000	99	370175	20.0	18.4	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	91	370175	20.0	18.4	a
26 Acetonitrile	40	1.942	1.942	0.000	83	68182	200.0	200.2	M
28 Methyl acetate	43	1.953	1.953	0.000	98	101750	40.0	40.3	
29 Cyclopentene	67	2.010	2.010	0.000	94	181557	20.0	17.4	
30 Methylene Chloride	84	2.022	2.022	0.000	95	99921	20.0	18.0	
* 31 TBA-d9 (IS)	65	2.033	2.033	0.000	99	395118	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.090	2.090	0.000	37	75284	200.0	195.5	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.147	0.000	96	301692	200.0	190.2	
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	96	82980	20.0	18.6	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	92	242659	20.0	19.3	
36 Hexane	57	2.330	2.330	0.000	93	78414	20.0	17.3	
37 1,1-Dichloroethane	63	2.422	2.422	0.000	98	154674	20.0	19.3	
38 Vinyl acetate	86	2.445	2.445	0.000	100	24294	40.0	34.4	
39 Isopropyl ether	45	2.467	2.467	0.000	86	269940	20.0	19.5	
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	89	68558	20.0	19.2	
41 Tert-butyl ethyl ether	59	2.707	2.707	0.000	89	282270	20.0	18.9	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	100	327617	250.0	250.0	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	96	36315	100.0	93.8	
45 cis-1,2-Dichloroethene	96	2.799	2.799	0.000	97	88082	20.0	18.1	
44 2,2-Dichloropropane	97	2.822	2.822	0.000	74	27635	20.0	17.9	
47 Ethyl acetate	43	2.822	2.822	0.000	98	250001	40.0	35.7	
42 Propionitrile	54	2.845	2.845	0.000	94	102071	200.0	212.4	
48 Methyl acrylate	55	2.856	2.856	0.000	99	73240	20.0	19.2	
50 Methacrylonitrile	67	2.947	2.947	0.000	91	289123	200.0	191.3	
49 Chlorobromomethane	128	2.970	2.970	0.000	89	40793	20.0	18.8	
51 Tetrahydrofuran	42	3.005	3.005	0.000	31	39544	40.0	34.7	
52 Chloroform	83	3.027	3.027	0.000	98	135831	20.0	18.6	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	96	191936	50.0	49.6	
54 1,1,1-Trichloroethane	97	3.187	3.187	0.000	98	118953	20.0	18.8	
55 Cyclohexane	84	3.245	3.245	0.000	90	120689	20.0	17.7	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	99	97673	20.0	18.4	
56 Carbon tetrachloride	117	3.313	3.313	0.000	96	93426	20.0	18.2	
61 Isobutyl alcohol	43	3.370	3.370	0.000	99	66174	500.0	519.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	215886	50.0	49.6	
59 Benzene	78	3.462	3.462	0.000	95	312040	20.0	19.5	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	89	93433	20.0	18.7	
63 Isopropyl acetate	61	3.519	3.519	0.000	93	28734	20.0	19.7	a
62 Isooctane	57	3.542	3.542	0.000	97	159599	20.0	17.4	
64 Tert-amyl methyl ether	73	3.565	3.565	0.000	93	231487	20.0	18.9	
66 n-Heptane	43	3.690	3.690	0.000	80	54641	20.0	17.4	
* 65 Fluorobenzene	96	3.690	3.690	0.000	98	545227	50.0	50.0	
68 n-Butanol	56	3.953	3.953	0.000	88	36139	500.0	530.2	
67 Trichloroethene	95	4.022	4.022	0.000	98	68093	20.0	17.8	
69 Ethyl acrylate	55	4.125	4.125	0.000	99	61287	20.0	17.4	
70 Methylcyclohexane	83	4.228	4.228	0.000	96	108864	20.0	18.1	
71 1,2-Dichloropropane	63	4.228	4.228	0.000	91	74576	20.0	18.7	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	77	33409	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	94	45380	20.0	18.4	
75 Methyl methacrylate	100	4.353	4.353	0.000	91	28015	40.0	37.0	
74 1,4-Dioxane	88	4.365	4.365	0.000	86	13245	400.0	356.2	
76 n-Propyl acetate	43	4.422	4.422	0.000	98	70789	20.0	17.8	
77 Dichlorobromomethane	83	4.502	4.502	0.000	98	91173	20.0	19.1	
78 2-Nitropropane	41	4.742	4.742	0.000	96	22306	40.0	33.0	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	97	34391	20.0	16.9	
80 Epichlorohydrin	57	4.879	4.879	0.000	99	116814	400.0	361.6	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	91	105902	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	96	288453	100.0	92.0	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	654280	50.0	50.3	
84 Toluene	91	5.359	5.359	0.000	94	267333	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.633	5.633	0.000	96	80029	20.0	17.9	
86 Ethyl methacrylate	69	5.782	5.782	0.000	90	64174	20.0	17.7	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	96	46480	20.0	19.5	
88 Tetrachloroethene	166	6.022	6.022	0.000	96	55571	20.0	18.4	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	90371	20.0	19.2	
90 2-Hexanone	43	6.205	6.205	0.000	96	157154	100.0	92.1	
91 Chlorodibromomethane	129	6.331	6.331	0.000	97	54659	20.0	18.2	
92 n-Butyl acetate	43	6.411	6.411	0.000	99	72610	20.0	18.1	
93 Ethylene Dibromide	107	6.468	6.468	0.000	95	52131	20.0	19.8	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	86	397998	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	95	157447	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	96	65394	20.0	19.4	
97 Ethylbenzene	106	7.336	7.336	0.000	98	83253	20.0	19.3	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	97	98905	20.0	18.8	
99 o-Xylene	106	8.091	8.091	0.000	94	107369	20.0	19.4	
100 Styrene	104	8.114	8.114	0.000	94	150677	20.0	18.4	
101 n-Butyl acrylate	73	8.148	8.148	0.000	99	39514	20.0	18.5	
102 Bromoform	173	8.342	8.342	0.000	94	30294	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	91	89538	20.0	14.5	
104 Isopropylbenzene	105	8.674	8.674	0.000	96	252353	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	8.879	8.879	0.000	88	153418	50.0	49.4	
106 Bromobenzene	156	9.074	9.074	0.000	99	61592	20.0	18.3	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	74673	20.0	18.2	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	99	57454	20.0	18.4	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	90	22076	20.0	17.0	
110 N-Propylbenzene	91	9.325	9.325	0.000	98	295641	20.0	18.2	
111 2-Chlorotoluene	91	9.405	9.405	0.000	97	189911	20.0	18.2	
112 4-Ethyltoluene	105	9.520	9.520	0.000	99	236285	20.0	18.6	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	185608	20.0	18.5	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	94	225006	20.0	18.4	
115 Butyl Methacrylate	87	9.897	9.897	0.000	90	68008	20.0	13.9	
116 tert-Butylbenzene	119	10.148	10.148	0.000	93	168679	20.0	14.5	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	230084	20.0	18.3	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	264832	20.0	14.8	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	96	123249	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	95	234154	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	96	122785	20.0	17.9	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	224150	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	98	269723	20.0	18.8	
124 Benzyl chloride	126	10.788	10.788	0.000	99	22263	20.0	17.5	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	239132	20.0	18.7	
126 1,2-Dichlorobenzene	146	10.983	10.983	0.000	96	126913	20.0	18.4	
127 p-Diethylbenzene	119	11.017	11.017	0.000	92	126588	20.0	18.8	
128 n-Butylbenzene	92	11.028	11.028	0.000	96	112911	20.0	18.7	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	91	11564	20.0	17.1	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	97	207179	20.0	13.9	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	96	89054	20.0	18.7	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	93	82013	20.0	18.9	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	90	21090	20.0	17.5	
134 Naphthalene	128	12.297	12.297	0.000	99	189930	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	96	73237	20.0	19.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	38.1	
S 139 Total BTEX	1				0		100.0	95.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
GASES Li_00605	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:23:39 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D

Injection Date: 28-Sep-2024 07:55:30 Instrument ID: CVOAMS9 Operator ID:

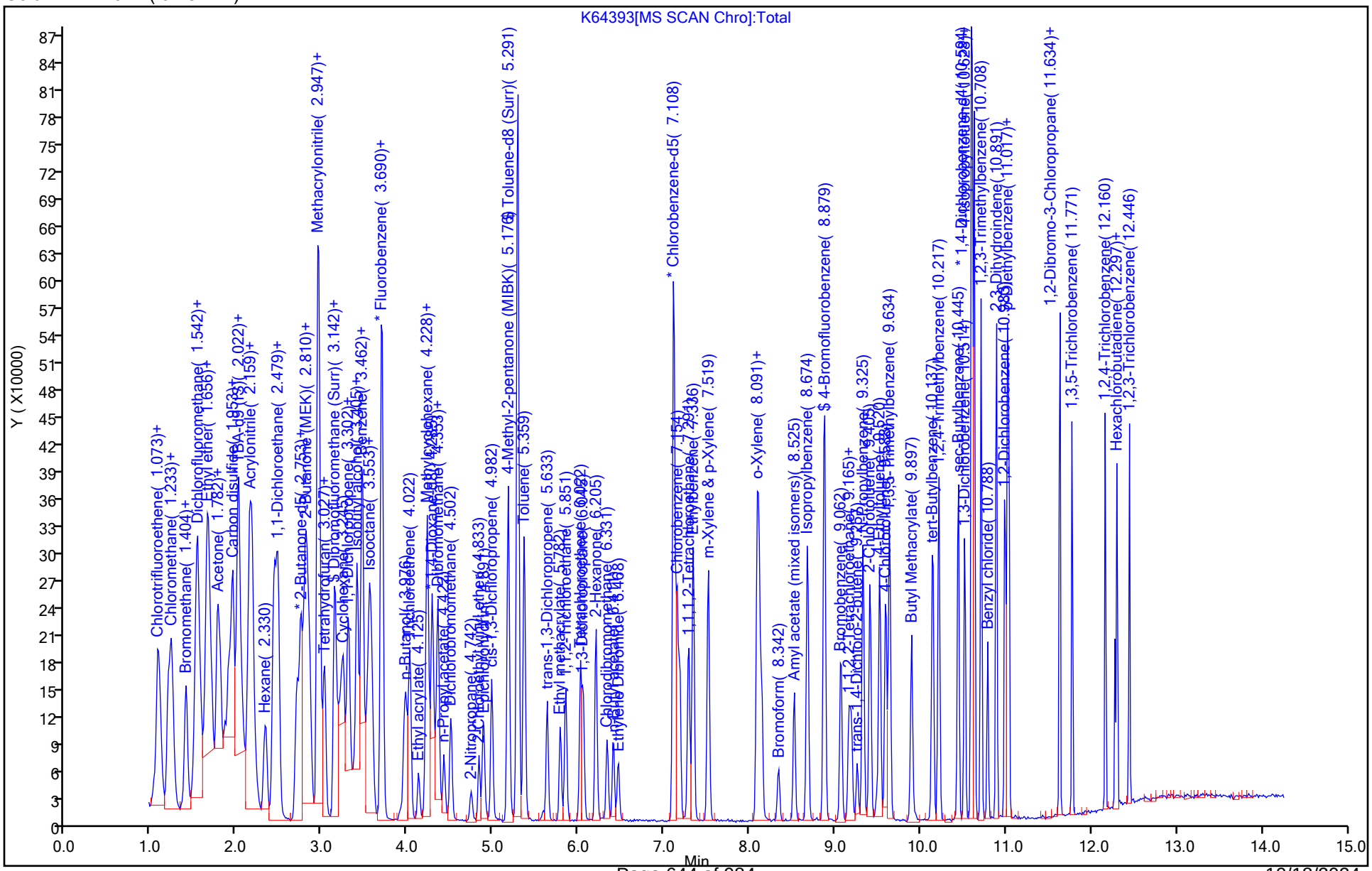
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

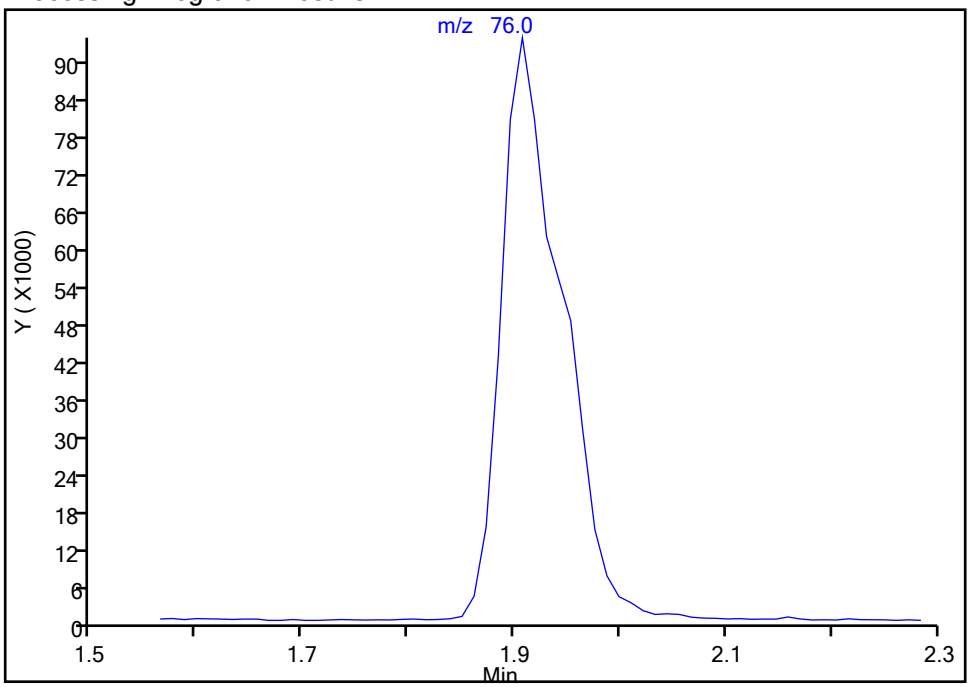
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D
Injection Date: 28-Sep-2024 07:55:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

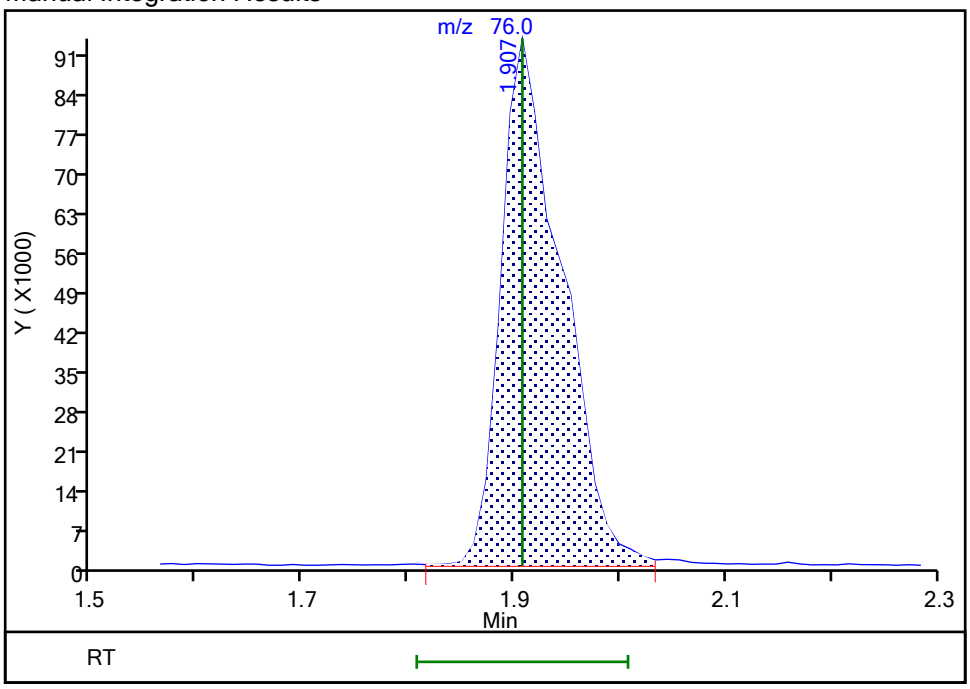
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 370175
Amount: 18.402111
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:15:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

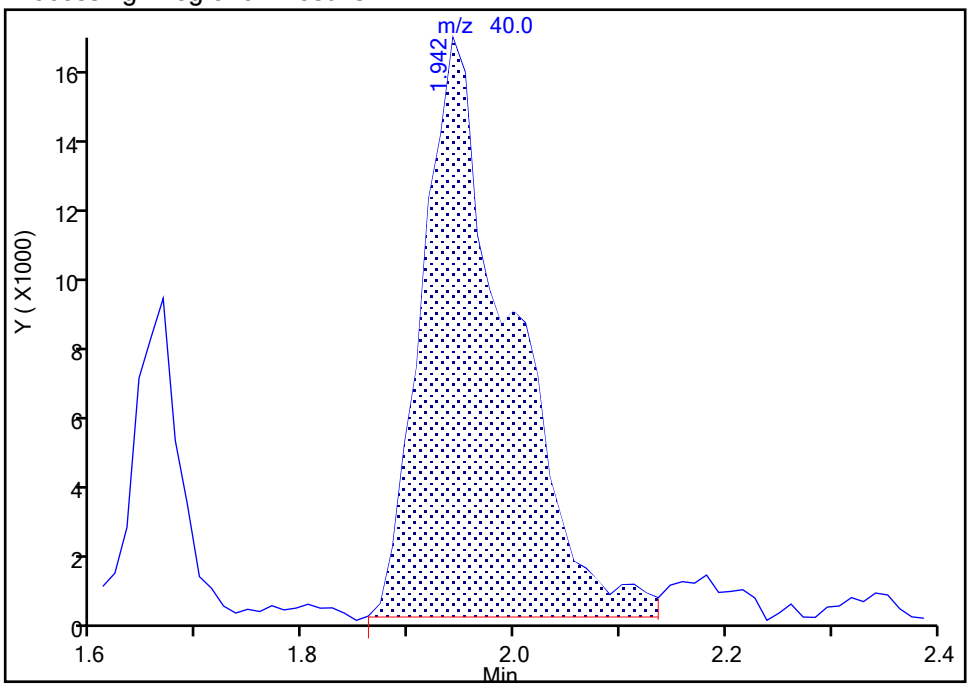
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D
Injection Date: 28-Sep-2024 07:55:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

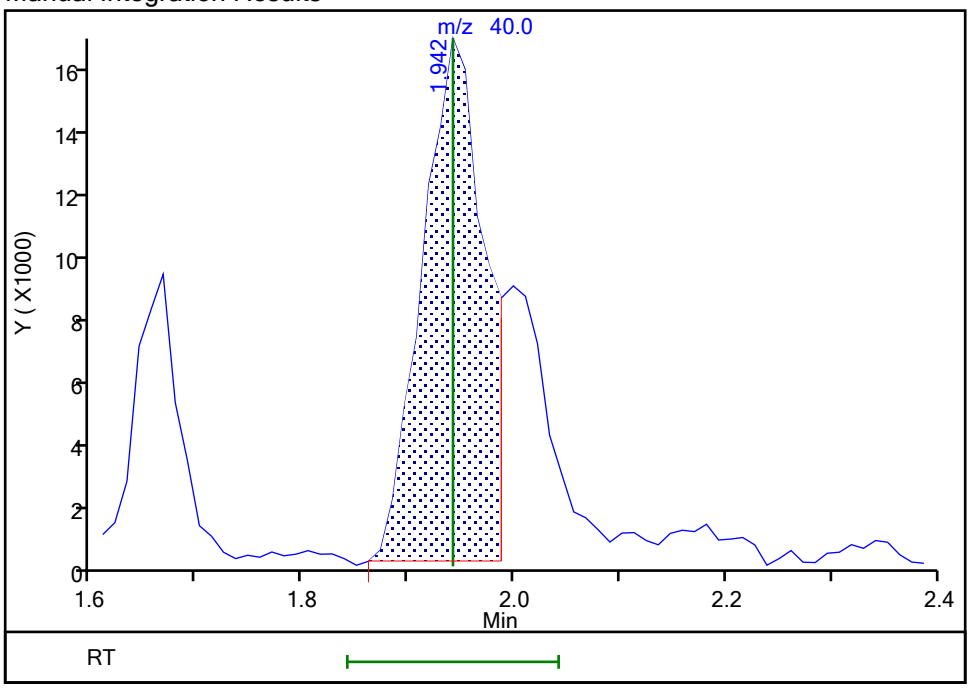
Processing Integration Results

RT: 1.94
Area: 94080
Amount: 299.0259
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 68182
Amount: 200.1952
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:15:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison

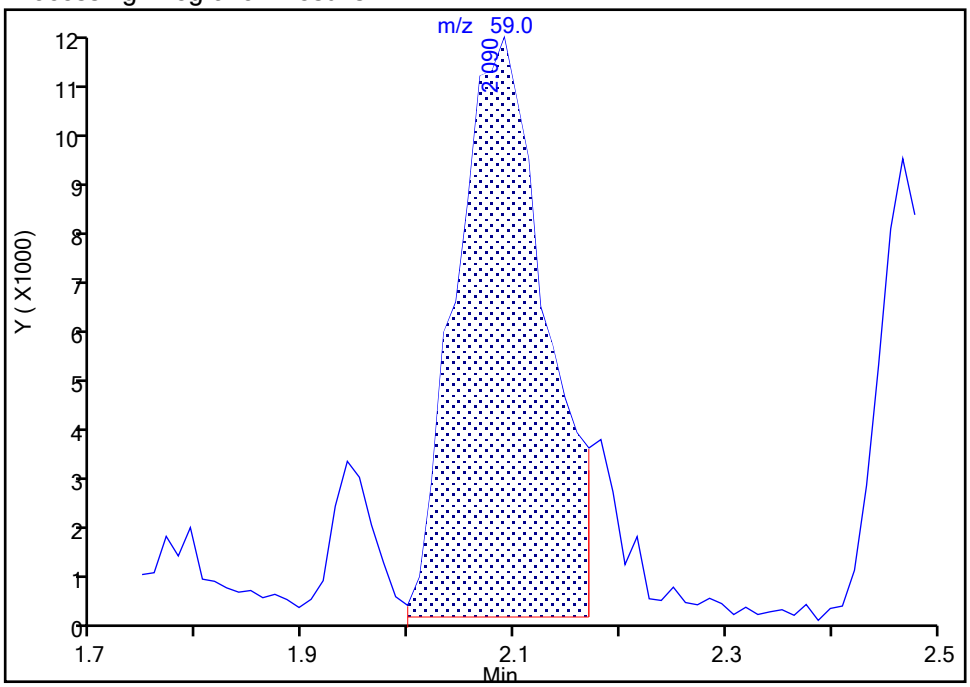
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D
Injection Date: 28-Sep-2024 07:55:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

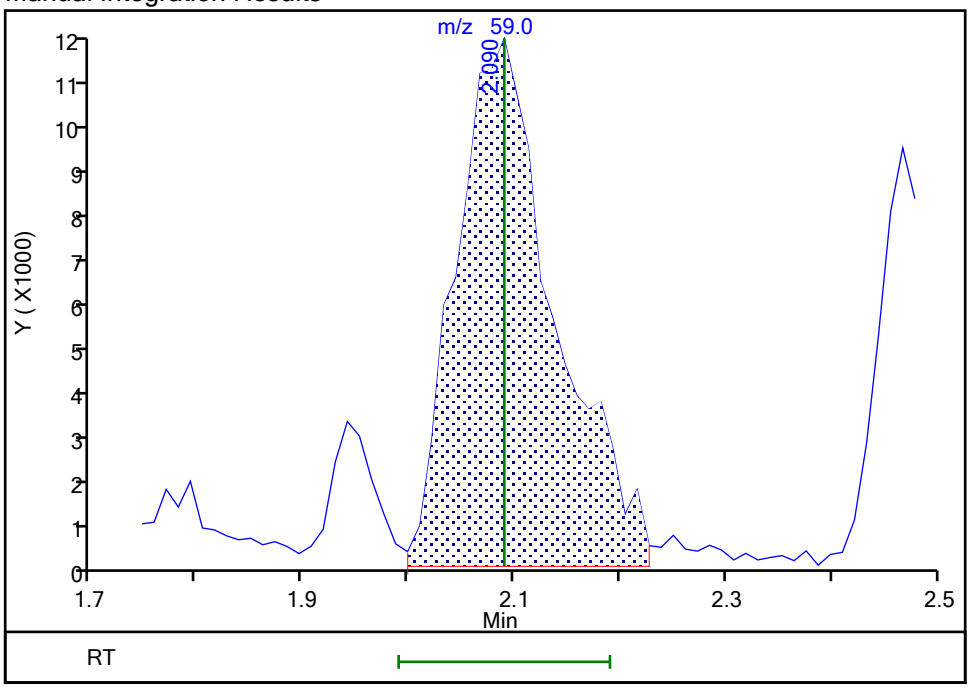
Processing Integration Results

RT: 2.09
Area: 68311
Amount: 194.3518
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 75284
Amount: 195.4687
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:03:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

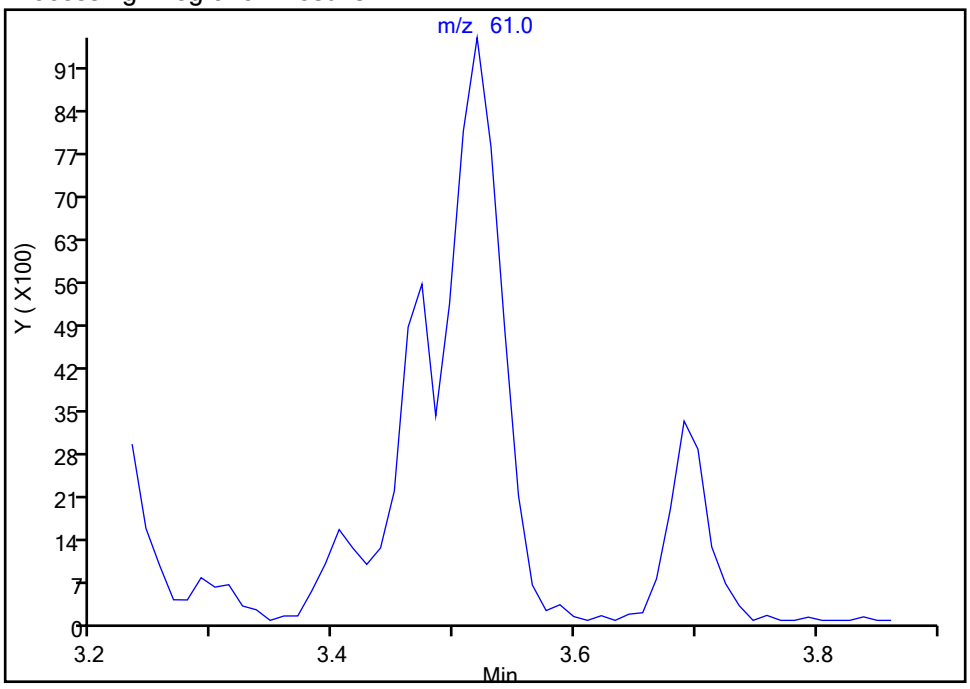
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64393.D
Injection Date: 28-Sep-2024 07:55:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

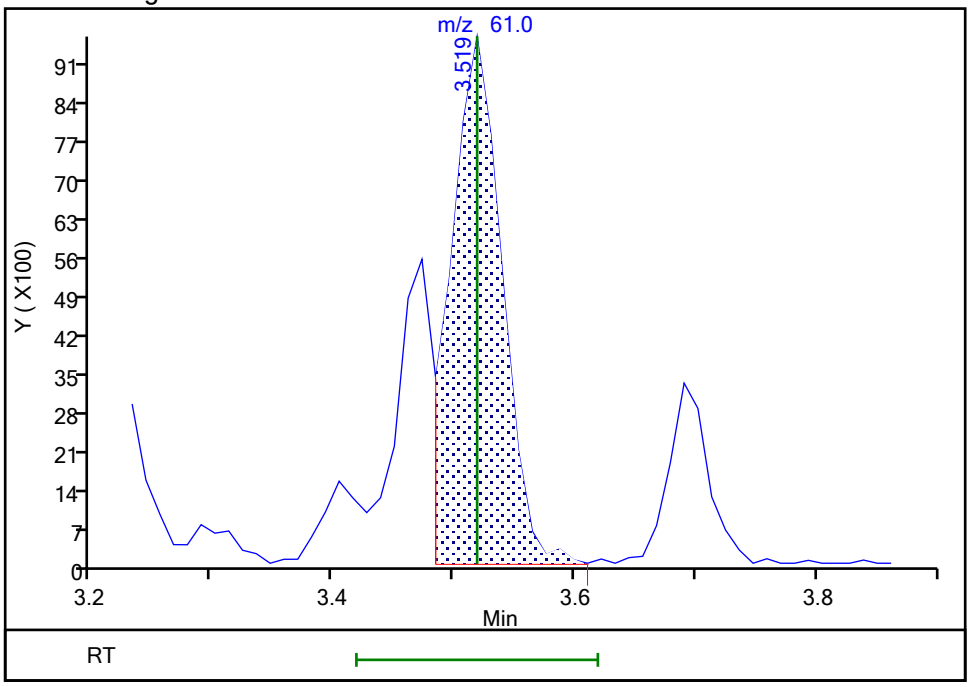
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.52
Area: 28734
Amount: 19.728685
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:16:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Sep-2024 08:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0181453-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:23:58 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:50:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.073	0.000	56	81635	50.0	52.4	
5 Chlorodifluoromethane	67	1.096	1.096	0.000	95	46659	50.0	47.1	
3 Dichlorodifluoromethane	85	1.107	1.107	0.000	97	330876	50.0	46.2	
6 Chloromethane	50	1.199	1.199	0.000	99	499814	50.0	47.9	
8 Butadiene	54	1.233	1.233	0.000	92	361708	50.0	52.0	
7 Vinyl chloride	62	1.256	1.256	0.000	97	379744	50.0	49.5	
9 Bromomethane	94	1.405	1.405	0.000	100	259329	50.0	51.7	
10 Chloroethane	64	1.416	1.416	0.000	99	206166	50.0	49.5	
11 Dichlorofluoromethane	67	1.530	1.530	0.000	98	564044	50.0	49.8	
13 Pentane	57	1.542	1.542	0.000	97	119385	100.0	100.5	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	98	357344	50.0	50.0	
15 Ethyl ether	59	1.633	1.633	0.000	92	180953	50.0	51.5	
14 Ethanol	46	1.645	1.645	0.000	69	45023	2000.0	2076.4	
17 2-Methyl-1,3-butadiene	53	1.667	1.667	0.000	94	214057	50.0	49.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.679	1.679	0.000	87	214538	50.0	50.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	95	367669	50.0	49.7	
19 Acrolein	56	1.713	1.713	0.000	47	71499	100.0	98.0	
20 1,1-Dichloroethene	96	1.782	1.782	0.000	98	227787	50.0	51.6	
22 Acetone	58	1.782	1.782	0.000	88	118019	250.0	284.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.805	0.000	95	244307	50.0	51.3	
24 Isopropyl alcohol	45	1.850	1.850	0.000	29	111933	500.0	497.0	
23 Iodomethane	142	1.873	1.873	0.000	97	415003	50.0	52.2	
25 Carbon disulfide	76	1.907	1.907	0.000	99	1089511	50.0	52.7	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	98	1089511	50.0	52.7	a
26 Acetonitrile	40	1.953	1.953	0.000	81	185196	500.0	507.7	
28 Methyl acetate	43	1.953	1.953	0.000	57	263125	100.0	97.3	
29 Cyclopentene	67	2.010	2.010	0.000	90	501684	50.0	46.8	
30 Methylene Chloride	84	2.022	2.022	0.000	95	275412	50.0	48.2	
* 31 TBA-d9 (IS)	65	2.022	2.022	0.000	66	423198	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.102	2.102	0.000	89	205861	500.0	499.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.148	2.148	0.000	95	809218	500.0	496.6	
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	96	240807	50.0	52.5	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	98	680321	50.0	52.6	
36 Hexane	57	2.342	2.342	0.000	92	247618	50.0	53.3	
37 1,1-Dichloroethane	63	2.433	2.433	0.000	99	419543	50.0	51.0	
38 Vinyl acetate	86	2.445	2.445	0.000	100	68813	100.0	98.2	
39 Isopropyl ether	45	2.479	2.479	0.000	94	745707	50.0	52.5	
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	91	193084	50.0	52.5	
41 Tert-butyl ethyl ether	59	2.719	2.719	0.000	88	749773	50.0	51.6	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	97	325662	250.0	250.0	a
46 2-Butanone (MEK)	72	2.799	2.799	0.000	97	107904	250.0	280.5	a
45 cis-1,2-Dichloroethene	96	2.810	2.810	0.000	99	249688	50.0	49.9	
44 2,2-Dichloropropane	97	2.822	2.822	0.000	91	76378	50.0	48.3	
47 Ethyl acetate	43	2.833	2.833	0.000	97	695021	100.0	99.8	
42 Propionitrile	54	2.845	2.845	0.000	98	275043	500.0	534.4	
48 Methyl acrylate	55	2.868	2.868	0.000	99	202611	50.0	51.7	
50 Methacrylonitrile	67	2.959	2.959	0.000	90	793280	500.0	511.1	
49 Chlorobromomethane	128	2.970	2.970	0.000	91	114370	50.0	51.4	
51 Tetrahydrofuran	42	3.016	3.016	0.000	79	114037	100.0	100.7	
52 Chloroform	83	3.028	3.028	0.000	99	379444	50.0	50.6	
$ 53 Dibromofluoromethane (Surr)	113	3.153	3.153	0.000	96	190219	50.0	47.9	
54 1,1,1-Trichloroethane	97	3.199	3.199	0.000	99	329536	50.0	50.7	
55 Cyclohexane	84	3.245	3.245	0.000	91	354640	50.0	50.7	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	284100	50.0	52.0	
56 Carbon tetrachloride	117	3.325	3.325	0.000	97	264432	50.0	50.2	
61 Isobutyl alcohol	43	3.382	3.382	0.000	96	183135	1250.0	1342.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.416	3.416	0.000	96	215606	50.0	48.2	
59 Benzene	78	3.473	3.473	0.000	94	870997	50.0	51.0	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	95	260811	50.0	50.9	
63 Isopropyl acetate	61	3.519	3.519	0.000	95	72192	50.0	48.3	a
62 Isooctane	57	3.553	3.553	0.000	97	505349	50.0	53.6	
64 Tert-amyl methyl ether	73	3.576	3.576	0.000	93	654894	50.0	52.1	
66 n-Heptane	43	3.702	3.702	0.000	55	179281	50.0	55.5	
* 65 Fluorobenzene	96	3.702	3.702	0.000	95	560037	50.0	50.0	
68 n-Butanol	56	3.953	3.953	0.000	90	102052	1250.0	1398.0	
67 Trichloroethene	95	4.033	4.033	0.000	99	199838	50.0	50.9	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	180214	50.0	49.8	
70 Methylcyclohexane	83	4.228	4.228	0.000	95	340921	50.0	55.3	
71 1,2-Dichloropropane	63	4.239	4.239	0.000	95	217785	50.0	53.2	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	71	36593	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	95	124621	50.0	49.3	
75 Methyl methacrylate	100	4.365	4.365	0.000	90	81414	100.0	104.6	
74 1,4-Dioxane	88	4.365	4.365	0.000	29	39186	1000.0	962.1	
76 n-Propyl acetate	43	4.422	4.422	0.000	98	206627	50.0	50.4	
77 Dichlorobromomethane	83	4.502	4.502	0.000	99	252801	50.0	51.6	
78 2-Nitropropane	41	4.742	4.742	0.000	96	65080	100.0	93.7	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	94	107260	50.1	51.3	
80 Epichlorohydrin	57	4.891	4.891	0.000	99	332408	1000.0	1035.3	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	91	312530	50.0	52.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	96	849985	250.0	272.6	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	697652	50.0	50.2	
84 Toluene	91	5.371	5.371	0.000	93	793478	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.634	5.634	0.000	95	249425	50.0	52.2	
86 Ethyl methacrylate	69	5.782	5.782	0.000	90	208152	50.0	53.6	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	97	138091	50.0	54.2	
88 Tetrachloroethene	166	6.022	6.022	0.000	96	166329	50.0	51.6	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	265269	50.0	52.8	
90 2-Hexanone	43	6.205	6.205	0.000	95	486766	250.0	276.5	
91 Chlorodibromomethane	129	6.331	6.331	0.000	98	160721	50.0	49.9	
92 n-Butyl acetate	43	6.411	6.411	0.000	99	212187	50.0	49.4	
93 Ethylene Dibromide	107	6.468	6.468	0.000	98	153010	50.0	54.5	
* 94 Chlorobenzene-d5	117	7.119	7.119	0.000	86	425296	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	95	469290	50.0	52.2	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	96	186243	50.0	51.8	
97 Ethylbenzene	106	7.337	7.337	0.000	98	240683	50.0	52.2	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	97	304594	50.0	54.2	
99 o-Xylene	106	8.091	8.091	0.000	94	325030	50.0	54.8	
100 Styrene	104	8.114	8.114	0.000	94	476895	50.0	54.4	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	118175	50.0	51.7	
102 Bromoform	173	8.342	8.342	0.000	95	88217	50.0	48.2	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	92	266130	50.0	43.2	
104 Isopropylbenzene	105	8.674	8.674	0.000	96	761031	50.0	56.5	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	90	161760	50.0	48.7	
106 Bromobenzene	156	9.074	9.074	0.000	99	179531	50.0	53.7	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	211901	50.0	52.1	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	100	158054	50.0	51.0	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	91	62774	50.0	48.7	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	895045	50.0	55.6	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	574220	50.0	55.5	
112 4-Ethyltoluene	105	9.520	9.520	0.000	99	704723	50.0	55.9	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	526735	50.0	52.8	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	92	692197	50.0	57.1	
115 Butyl Methacrylate	87	9.897	9.897	0.000	90	223404	50.0	45.5	
116 tert-Butylbenzene	119	10.148	10.148	0.000	94	547124	50.0	47.6	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	695001	50.0	55.8	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	814664	50.0	46.1	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	96	334399	50.0	52.6	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	93	232320	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	94	338604	50.0	49.8	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	689671	50.0	57.1	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	99	792196	50.0	55.5	
124 Benzyl chloride	126	10.788	10.788	0.000	98	61901	50.0	49.1	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	703228	50.0	55.4	
126 1,2-Dichlorobenzene	146	10.994	10.994	0.000	97	366421	50.0	53.4	
127 p-Diethylbenzene	119	11.017	11.017	0.000	93	372736	50.0	55.8	
128 n-Butylbenzene	92	11.040	11.040	0.000	98	332559	50.0	55.4	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	92	36863	50.0	54.9	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	98	627350	50.0	43.0	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	97	247243	50.0	52.3	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	94	229262	50.0	53.1	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	90	63717	50.0	53.4	
134 Naphthalene	128	12.297	12.297	0.000	99	591704	50.0	57.7	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	95	205371	50.0	55.1	
S 137 1,2-Dichloroethene, Total	100				0		100.0	102.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	109.0	
S 139 Total BTEX	1				0		250.0	263.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
GASES Li_00605	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	50.00	Units: uL	
ACROLEIN W_00174	Amount Added:	10.00	Units: uL	
524FREONS_00024	Amount Added:	50.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:23:59 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D

Injection Date: 28-Sep-2024 08:19:30 Instrument ID: CVOAMS9 Operator ID:

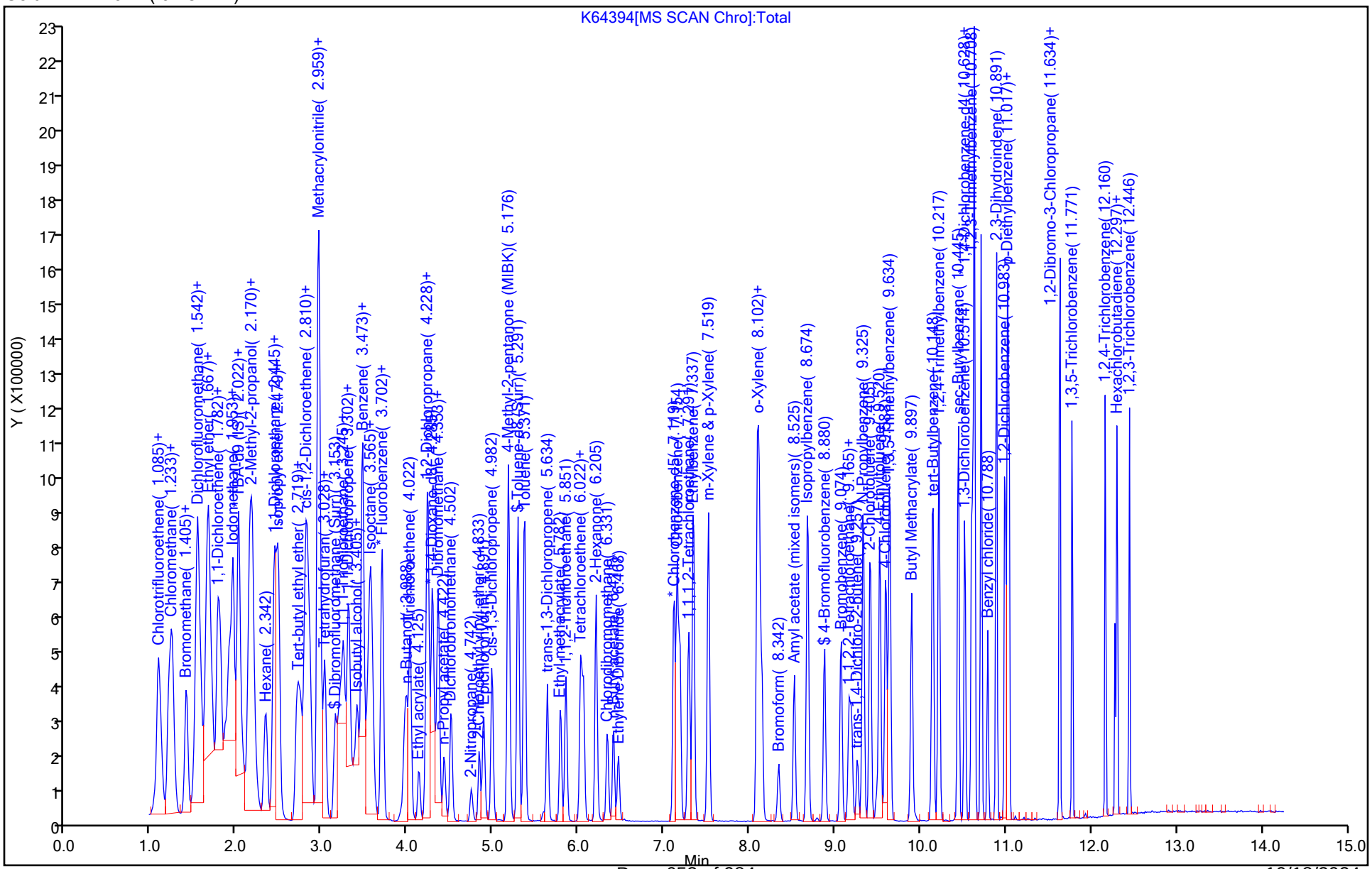
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

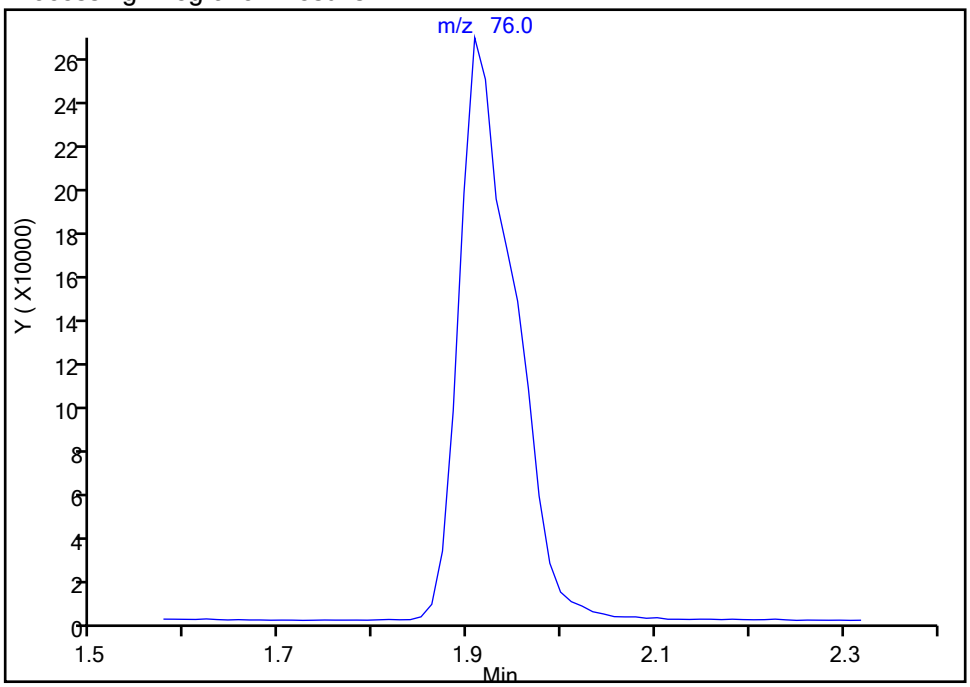
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D
Injection Date: 28-Sep-2024 08:19:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

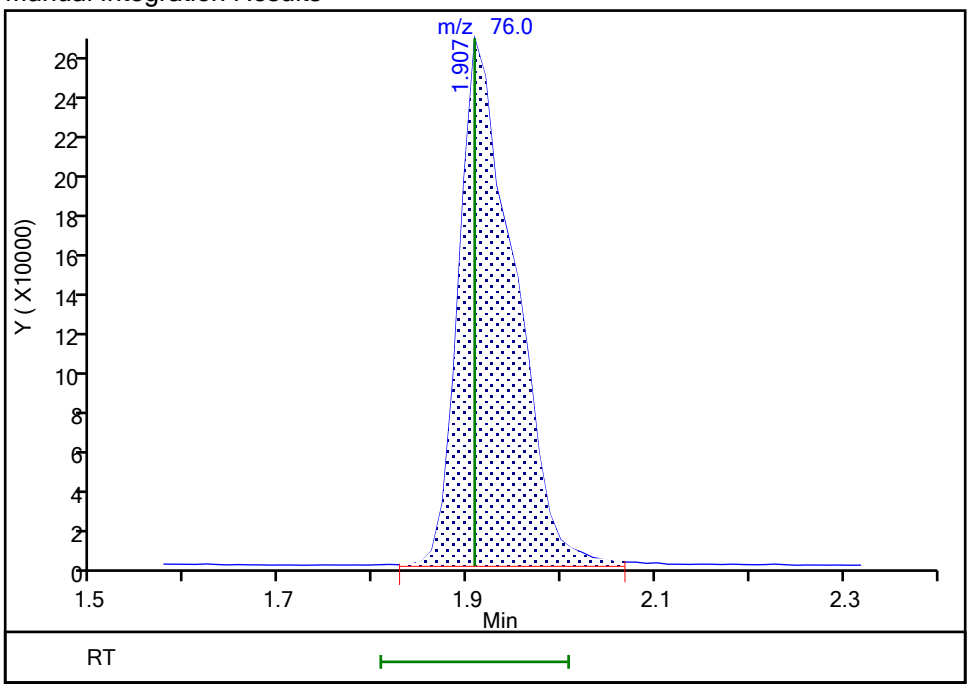
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 1089511
Amount: 52.729397
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:34:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

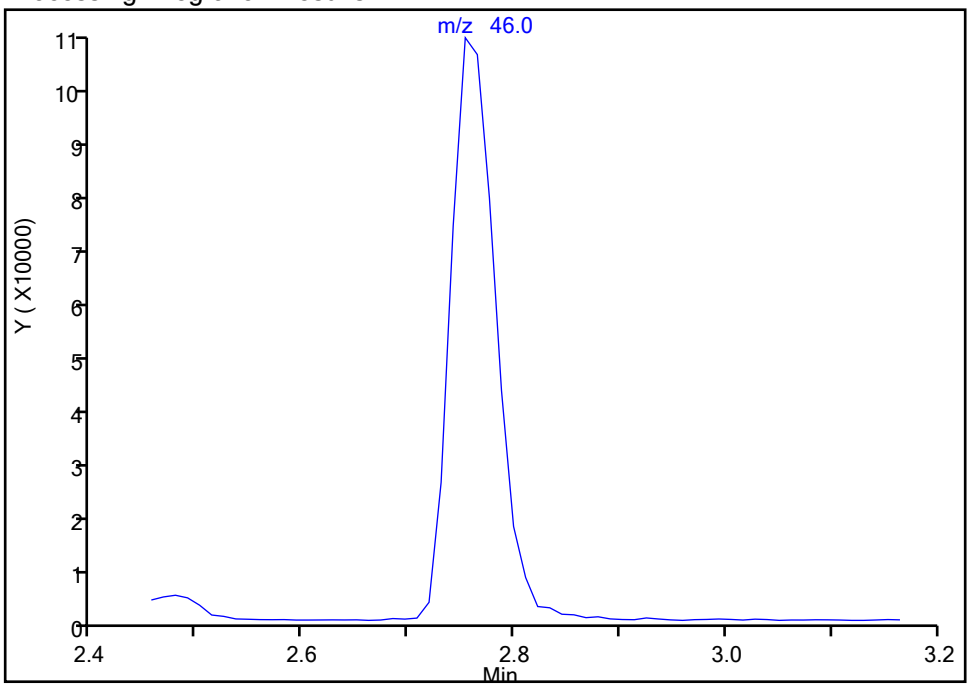
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D
Injection Date: 28-Sep-2024 08:19:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

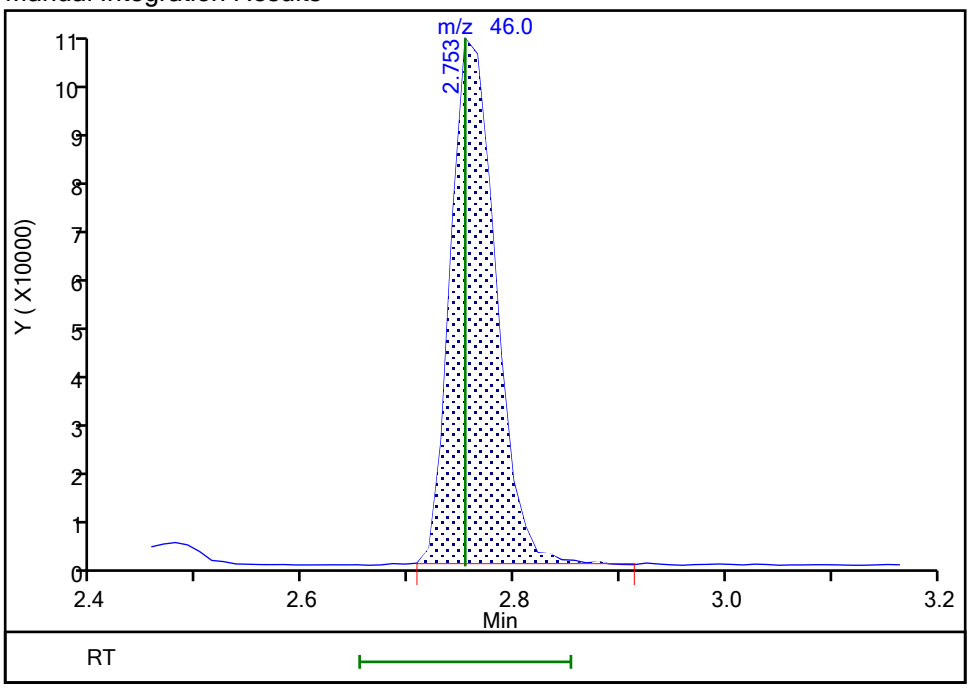
Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results

RT: 2.75
Area: 325662
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:34:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

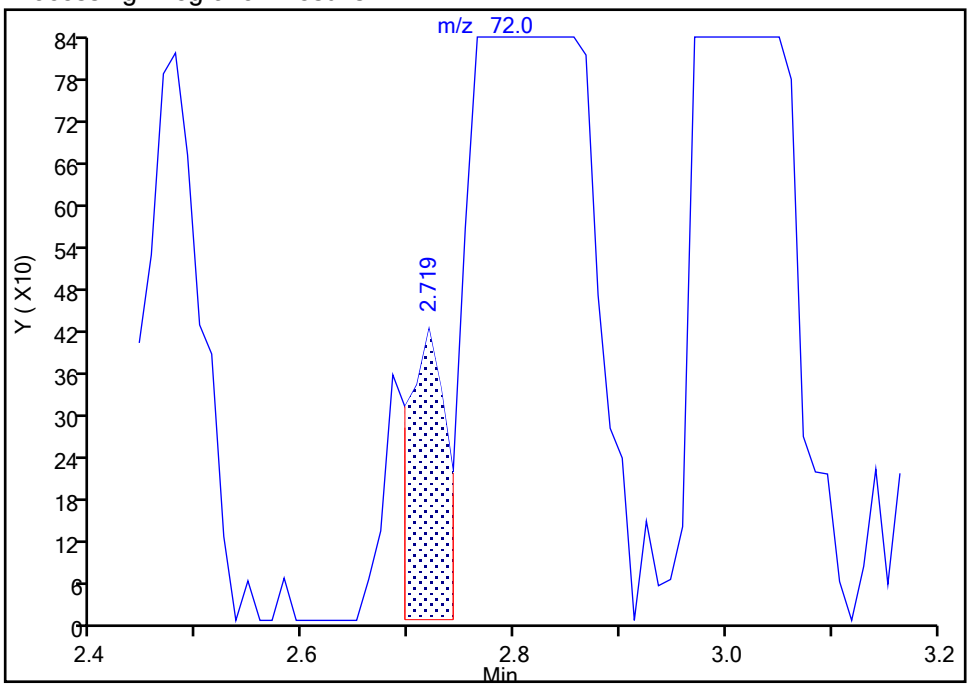
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D
Injection Date: 28-Sep-2024 08:19:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

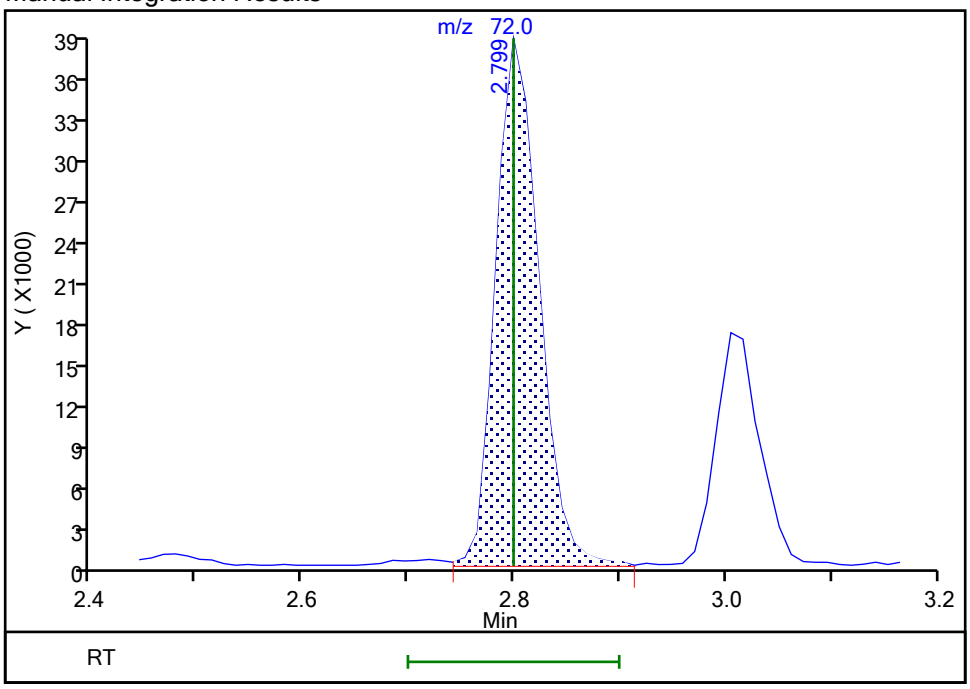
Processing Integration Results

RT: 2.72
Area: 1108
Amount: 3.530636
Amount Units: ug/l



Manual Integration Results

RT: 2.80
Area: 107904
Amount: 280.4626
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:34:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

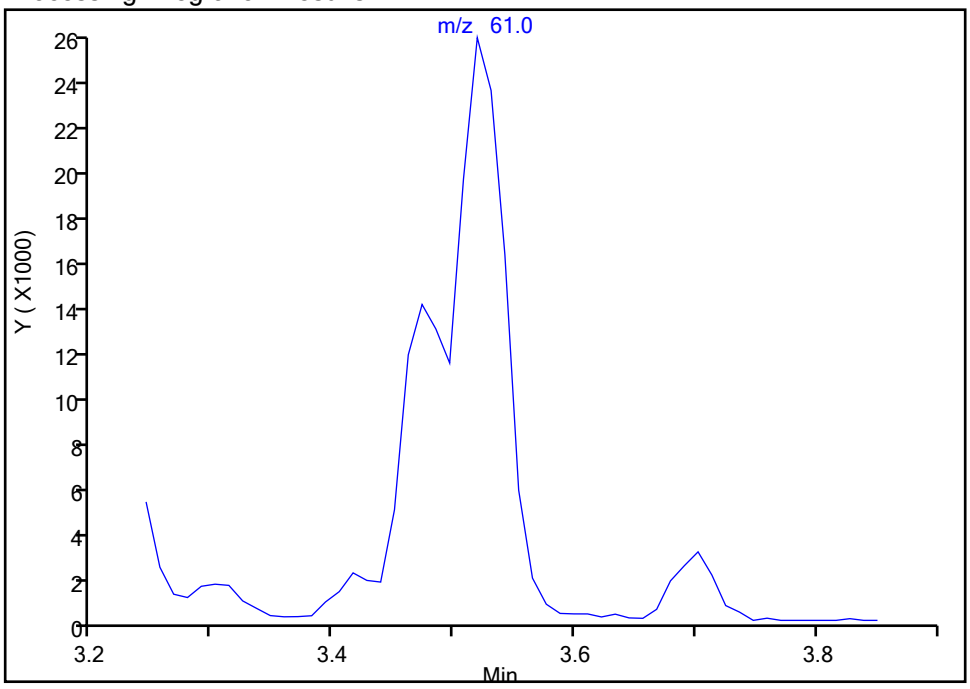
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64394.D
Injection Date: 28-Sep-2024 08:19:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

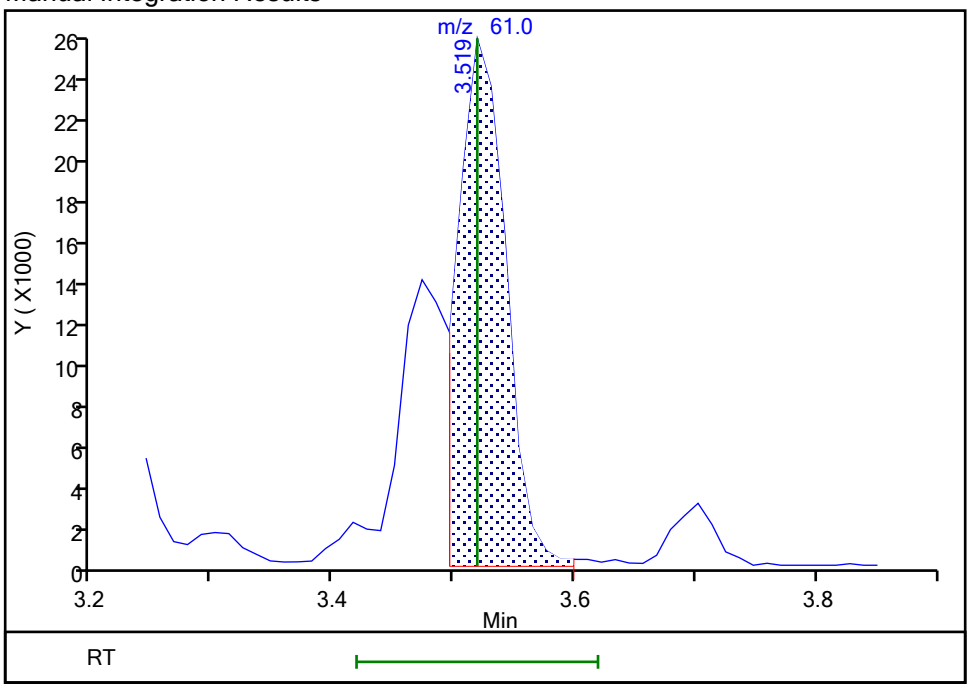
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.52
Area: 72192
Amount: 48.256049
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:34:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Sep-2024 08:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0181453-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:24:18 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:52:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.084	1.073	0.011	60	338323	200.0	194.5	
5 Chlorodifluoromethane	67	1.096	1.096	0.000	96	198843	200.0	187.9	
3 Dichlorodifluoromethane	85	1.107	1.107	0.000	98	1385321	200.0	181.2	
6 Chloromethane	50	1.199	1.199	0.000	99	1962008	200.0	176.1	
8 Butadiene	54	1.233	1.233	0.000	91	1471245	200.0	197.9	
7 Vinyl chloride	62	1.256	1.256	0.000	97	1474534	200.0	179.8	
9 Bromomethane	94	1.404	1.405	-0.001	99	949848	200.0	177.3	
10 Chloroethane	64	1.416	1.416	0.000	99	774569	200.0	174.0	
11 Dichlorofluoromethane	67	1.530	1.530	0.000	99	2163896	200.0	178.8	
13 Pentane	57	1.553	1.542	0.011	96	524554	400.0	413.4	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	98	1438405	200.0	188.4	
15 Ethyl ether	59	1.644	1.633	0.011	93	744475	200.0	198.3	
14 Ethanol	46	1.633	1.645	-0.012	76	180717	8000.0	6190.5	
17 2-Methyl-1,3-butadiene	53	1.667	1.667	0.000	95	911325	200.0	197.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.679	1.679	0.000	87	880469	200.0	192.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.713	1.702	0.011	95	1504100	200.0	190.3	
19 Acrolein	56	1.713	1.713	0.000	38	172102	200.0	177.6	
20 1,1-Dichloroethene	96	1.782	1.782	0.000	97	945038	200.0	200.2	
22 Acetone	58	1.782	1.782	0.000	89	402826	1000.0	869.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.816	1.805	0.011	95	985743	200.0	193.6	
24 Isopropyl alcohol	45	1.850	1.850	0.000	96	569824	2000.0	1879.2	
23 Iodomethane	142	1.873	1.873	0.000	97	1643216	200.0	193.4	
25 Carbon disulfide	76	1.907	1.907	0.000	99	4509501	200.0	204.3	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	89	4509501	200.0	204.3	a
26 Acetonitrile	40	1.953	1.953	0.000	83	735654	2000.0	1497.9	
28 Methyl acetate	43	1.953	1.953	0.000	99	1103501	400.0	303.2	
29 Cyclopentene	67	2.010	2.010	0.000	91	2203910	200.0	192.3	
30 Methylene Chloride	84	2.033	2.022	0.011	93	1098455	200.0	179.9	
* 31 TBA-d9 (IS)	65	2.022	2.022	0.000	33	569757	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.102	2.102	0.000	41	877095	2000.0	1579.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.148	-0.001	96	3379119	2000.0	1941.0	
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	96	995847	200.0	203.3	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	98	2869076	200.0	207.5	
36 Hexane	57	2.342	2.342	0.000	92	1075553	200.0	216.7	
37 1,1-Dichloroethane	63	2.433	2.433	0.000	99	1751316	200.0	199.4	
38 Vinyl acetate	86	2.445	2.445	0.000	100	331695	400.0	423.5	
39 Isopropyl ether	45	2.479	2.479	0.000	90	3121860	200.0	205.6	
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	90	826864	200.0	210.5	
41 Tert-butyl ethyl ether	59	2.719	2.719	0.000	88	3144887	200.0	207.6	
* 43 2-Butanone-d5	46	2.765	2.753	0.012	91	363883	250.0	250.0	a
46 2-Butanone (MEK)	72	2.810	2.799	0.011	97	435558	1000.0	1013.2	a
45 cis-1,2-Dichloroethene	96	2.810	2.810	0.000	98	1040920	200.0	194.7	
44 2,2-Dichloropropane	97	2.833	2.822	0.011	94	327308	200.0	193.7	
47 Ethyl acetate	43	2.833	2.833	0.000	99	3022641	400.0	388.5	
42 Propionitrile	54	2.845	2.845	0.000	94	1161659	2000.0	1676.6	
48 Methyl acrylate	55	2.867	2.868	-0.001	99	874516	200.0	209.1	
50 Methacrylonitrile	67	2.959	2.959	0.000	90	3440533	2000.0	2074.9	
49 Chlorobromomethane	128	2.982	2.970	0.012	89	473157	200.0	199.1	
51 Tetrahydrofuran	42	3.016	3.016	0.000	92	511556	400.0	404.4	
52 Chloroform	83	3.027	3.028	-0.001	99	1584645	200.0	197.9	
$ 53 Dibromofluoromethane (Surr)	113	3.153	3.153	0.000	96	201433	50.0	47.5	
54 1,1,1-Trichloroethane	97	3.199	3.199	0.000	99	1404262	200.0	202.1	
55 Cyclohexane	84	3.256	3.245	0.011	91	1544549	200.0	206.9	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	1240356	200.0	212.6	
56 Carbon tetrachloride	117	3.325	3.325	0.000	96	1155194	200.0	205.1	
61 Isobutyl alcohol	43	3.382	3.382	0.000	96	844231	5000.0	4595.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.416	3.416	0.000	95	228444	50.0	47.8	
59 Benzene	78	3.473	3.473	0.000	95	3771626	200.0	196.3	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	95	1115232	200.0	203.6	
63 Isopropyl acetate	61	3.530	3.519	0.011	96	329482	200.0	206.2	a
62 Isooctane	57	3.565	3.553	0.012	97	2347630	200.0	232.9	
64 Tert-amyl methyl ether	73	3.576	3.576	0.000	94	2920112	200.0	217.4	
66 n-Heptane	43	3.702	3.702	0.000	91	776834	200.0	225.3	
* 65 Fluorobenzene	96	3.702	3.702	0.000	84	598280	50.0	50.0	
68 n-Butanol	56	3.965	3.953	0.012	87	501980	5000.0	5107.6	
67 Trichloroethene	95	4.033	4.033	0.000	98	858276	200.0	204.7	
69 Ethyl acrylate	55	4.136	4.125	0.011	98	890970	200.0	230.4	
70 Methylcyclohexane	83	4.228	4.228	0.000	95	1519747	200.0	230.6	
71 1,2-Dichloropropane	63	4.239	4.239	0.000	94	952486	200.0	217.6	
* 72 1,4-Dioxane-d8	96	4.319	4.308	0.011	74	39904	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	96	530394	200.0	196.3	
75 Methyl methacrylate	100	4.365	4.365	0.000	89	384227	400.0	462.1	
74 1,4-Dioxane	88	4.365	4.365	0.000	47	165254	4000.0	3720.7	a
76 n-Propyl acetate	43	4.433	4.422	0.011	98	995367	200.0	227.5	
77 Dichlorobromomethane	83	4.513	4.502	0.011	99	1105767	200.0	211.5	
78 2-Nitropropane	41	4.742	4.742	0.000	97	311629	400.0	419.9	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	94	509535	200.5	228.1	
80 Epichlorohydrin	57	4.891	4.891	0.000	99	1508958	4000.0	4205.9	
81 cis-1,3-Dichloropropene	75	4.993	4.982	0.011	91	1417055	200.0	212.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	96	4048378	1000.0	1162.1	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	777166	50.0	49.7	
84 Toluene	91	5.371	5.371	0.000	93	3607294	200.0	208.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.633	5.634	-0.001	96	1137232	200.0	211.2	
86 Ethyl methacrylate	69	5.793	5.782	0.011	89	1047163	200.0	239.6	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	96	598346	200.0	208.8	
88 Tetrachloroethene	166	6.022	6.022	0.000	95	728892	200.0	200.7	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	1186830	200.0	210.0	
90 2-Hexanone	43	6.205	6.205	0.000	95	2362602	1000.0	1068.3	
91 Chlorodibromomethane	129	6.342	6.331	0.011	98	739699	200.0	204.2	
92 n-Butyl acetate	43	6.411	6.411	0.000	99	1117126	200.0	230.9	
93 Ethylene Dibromide	107	6.468	6.468	0.000	98	666397	200.0	210.7	
* 94 Chlorobenzene-d5	117	7.119	7.119	0.000	85	478863	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	94	2111250	200.0	208.7	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	96	821716	200.0	203.0	
97 Ethylbenzene	106	7.348	7.337	0.011	98	1129308	200.0	217.5	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	97	1400125	200.0	221.1	
99 o-Xylene	106	8.091	8.091	0.000	94	1476074	200.0	221.2	
100 Styrene	104	8.114	8.114	0.000	94	2276733	200.0	230.9	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	613176	200.0	238.2	
102 Bromoform	173	8.342	8.342	0.000	96	423577	200.0	205.7	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	91	1434541	200.0	203.3	
104 Isopropylbenzene	105	8.685	8.674	0.011	95	3471186	200.0	228.9	
$ 105 4-Bromofluorobenzene	174	8.879	8.880	-0.001	89	190214	50.0	50.9	
106 Bromobenzene	156	9.074	9.074	0.000	99	808480	200.0	217.8	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	947717	200.0	209.8	
108 1,2,3-Trichloropropane	75	9.200	9.188	0.012	99	681258	200.0	197.9	
109 trans-1,4-Dichloro-2-butene	75	9.268	9.257	0.011	93	302555	200.0	211.4	
110 N-Propylbenzene	91	9.337	9.325	0.012	99	4154138	200.0	232.3	
111 2-Chlorotoluene	91	9.417	9.405	0.012	96	2573083	200.0	223.8	
112 4-Ethyltoluene	105	9.531	9.520	0.011	100	3263107	200.0	233.1	
113 4-Chlorotoluene	91	9.600	9.588	0.012	97	2512885	200.0	226.6	
114 1,3,5-Trimethylbenzene	105	9.645	9.634	0.011	92	3151645	200.0	233.9	
115 Butyl Methacrylate	87	9.897	9.897	0.000	89	1149907	200.0	202.5	
116 tert-Butylbenzene	119	10.148	10.148	0.000	93	2522337	200.0	202.0	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	3222646	200.0	232.7	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	3858072	200.0	202.6	
119 1,3-Dichlorobenzene	146	10.525	10.514	0.011	97	1528994	200.0	216.4	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	95	258113	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	94	1547544	200.0	204.9	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	3231128	200.0	240.8	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	99	3626513	200.0	228.8	
124 Benzyl chloride	126	10.788	10.788	0.000	99	299545	200.0	213.7	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	3211833	200.0	227.6	
126 1,2-Dichlorobenzene	146	10.994	10.994	0.000	97	1609089	200.0	211.2	
127 p-Diethylbenzene	119	11.017	11.017	0.000	91	1752352	200.0	235.9	
128 n-Butylbenzene	92	11.040	11.040	0.000	97	1567672	200.0	235.3	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	98	175227	200.0	234.7	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	97	3088646	200.0	204.3	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	96	1073828	200.0	204.5	
132 1,2,4-Trichlorobenzene	180	12.171	12.160	0.011	94	1027951	200.0	214.4	
133 Hexachlorobutadiene	225	12.286	12.274	0.012	97	293974	200.0	221.8	
134 Naphthalene	128	12.308	12.297	0.011	99	2612448	200.0	229.4	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	96	848166	200.0	204.9	
S 137 1,2-Dichloroethene, Total	100				0		400.0	398.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	442.3	
S 139 Total BTEX	1				0		1000.0	1064.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
ACROLEIN W_00174	Amount Added:	20.00	Units: uL	
GAS Hi_00479	Amount Added:	20.00	Units: uL	
MIX I Hi_00180	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00153	Amount Added:	20.00	Units: uL	
Ethanol mix_00093	Amount Added:	20.00	Units: uL	
7 Freons Hi_00018	Amount Added:	20.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

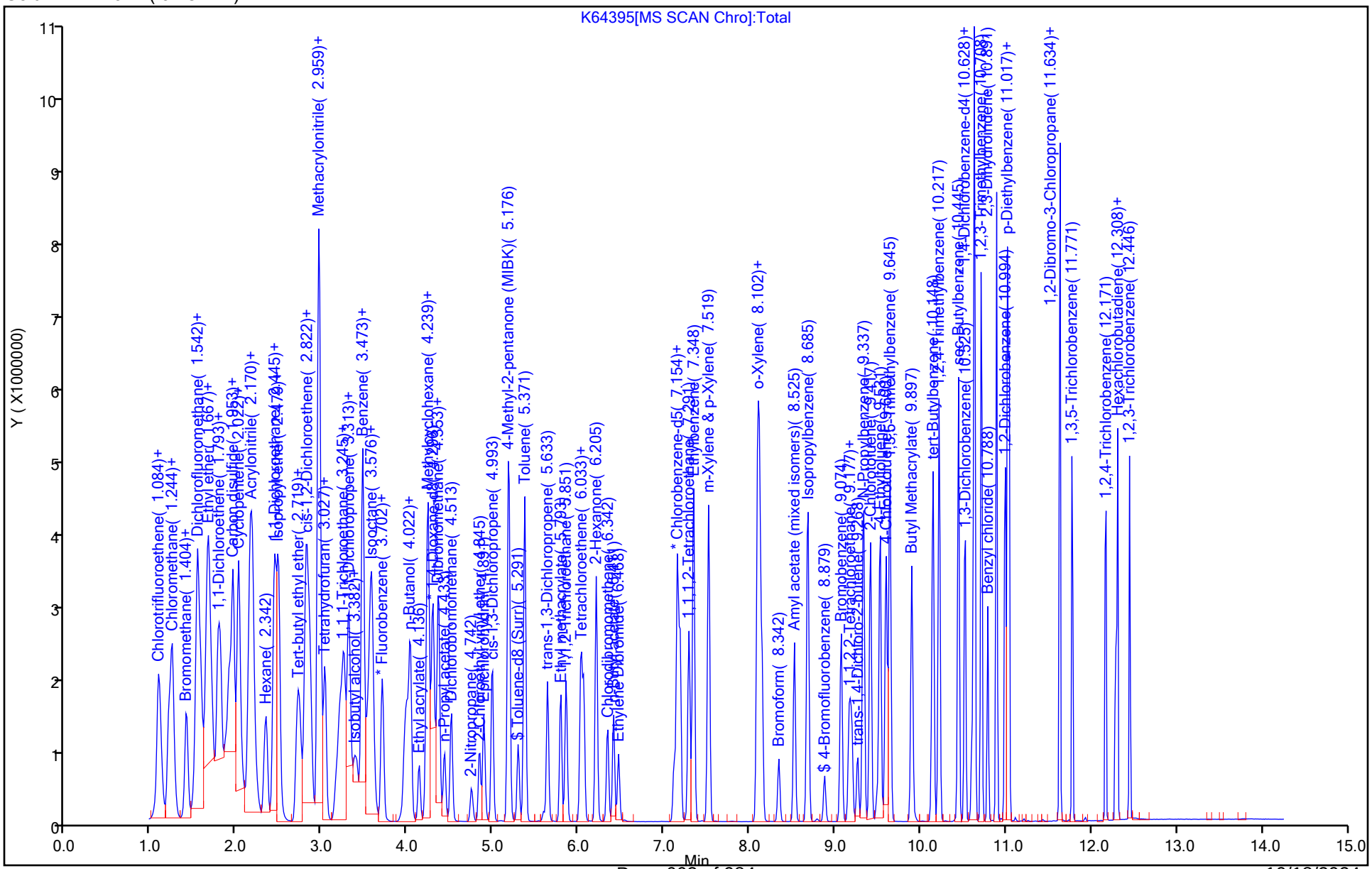
Report Date: 01-Oct-2024 07:24:18 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D

Injection Date:	28-Sep-2024 08:43:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

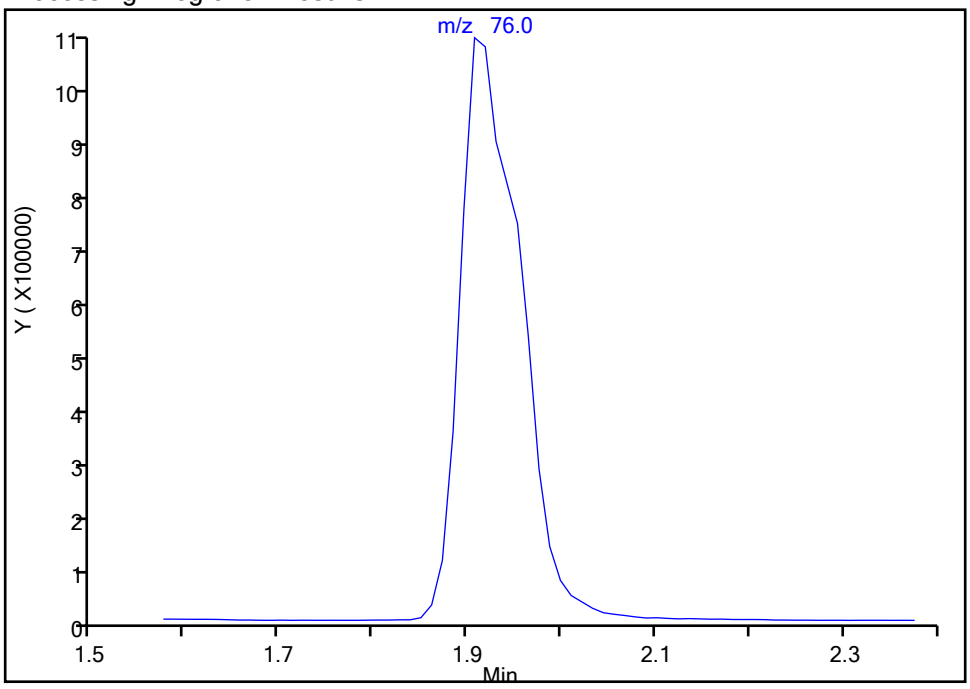
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

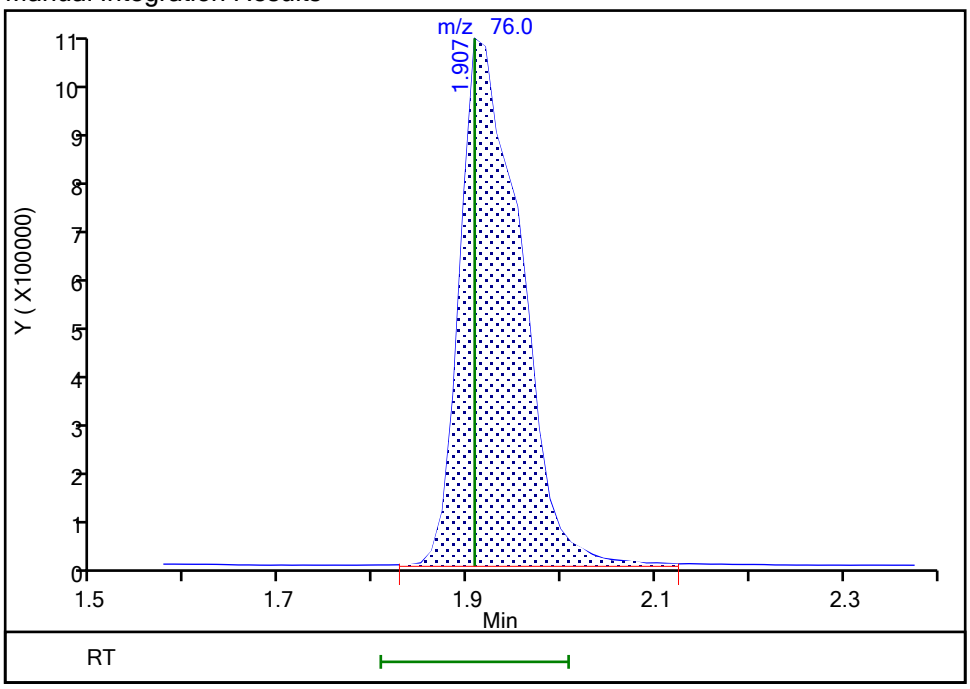
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 4509501
Amount: 204.2970
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:35:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

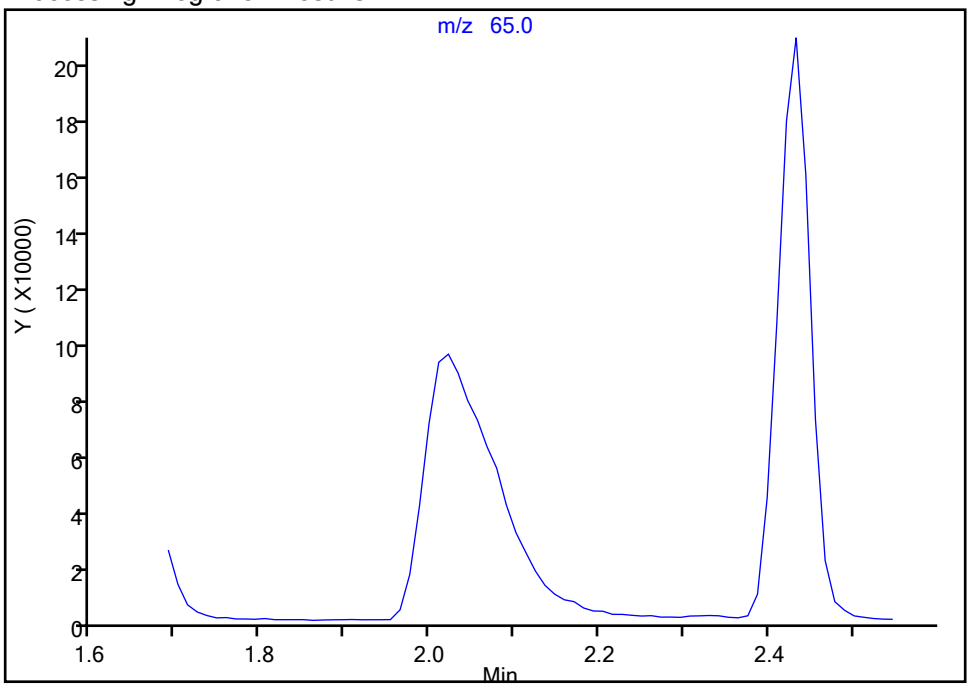
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

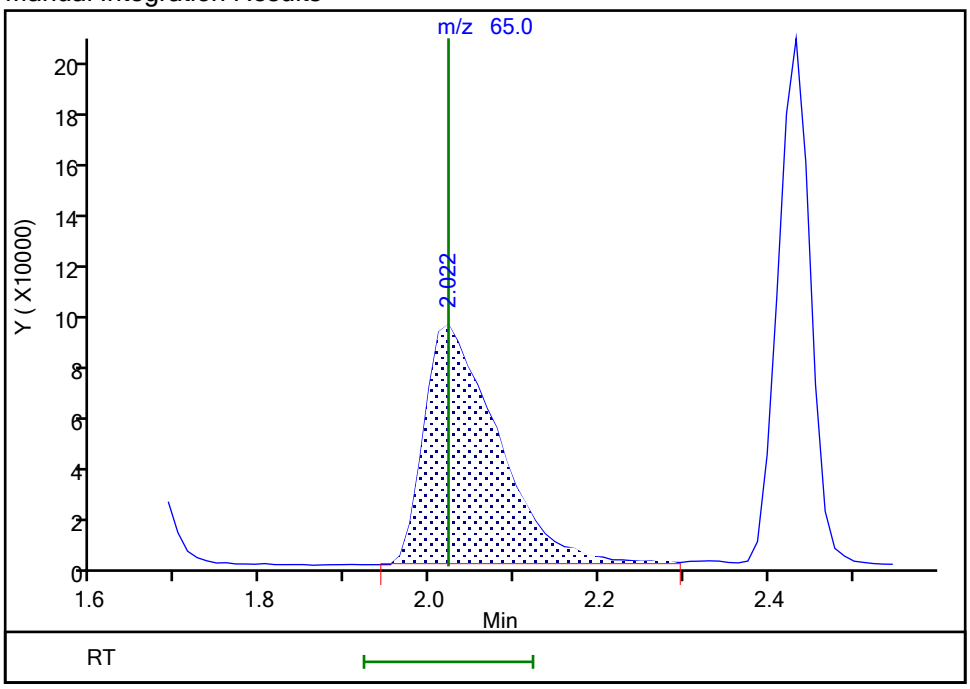
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 569757
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:35:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

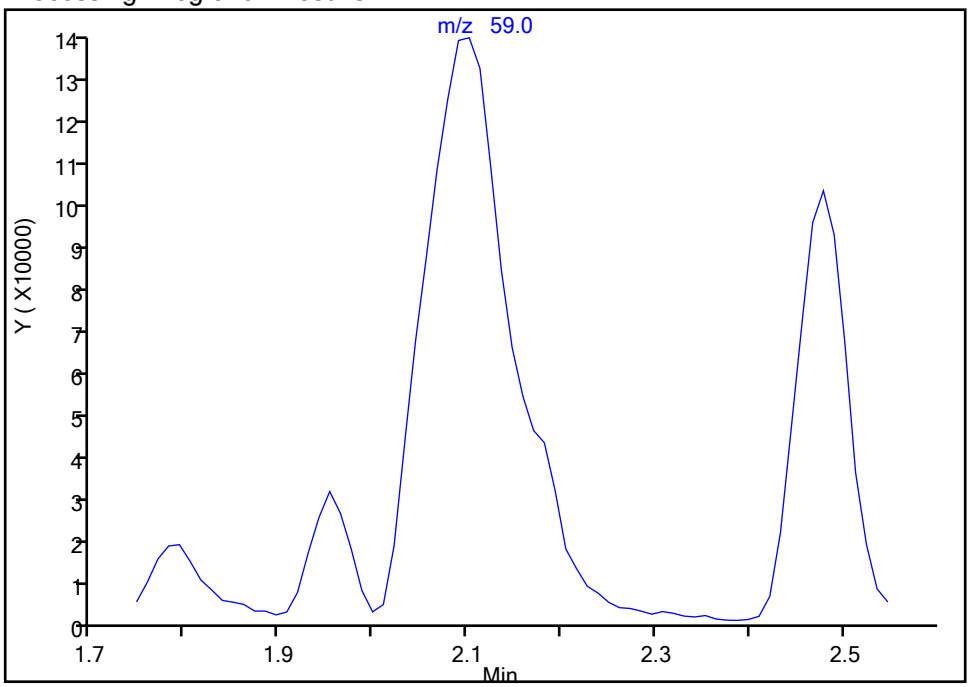
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

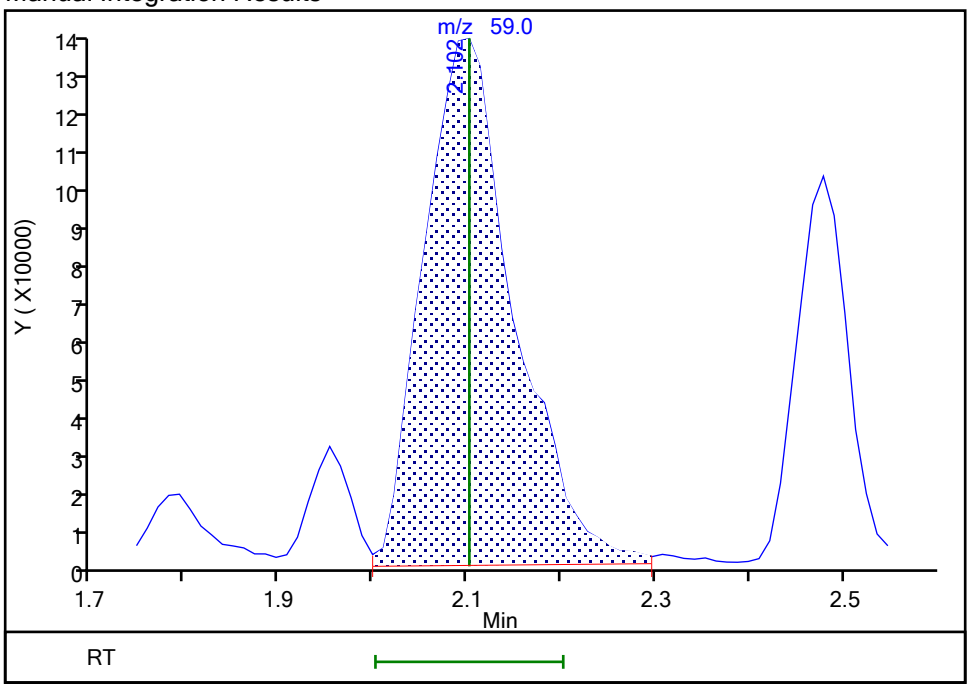
Not Detected
Expected RT: 2.10

Processing Integration Results



Manual Integration Results

RT: 2.10
Area: 877095
Amount: 1579.2769
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

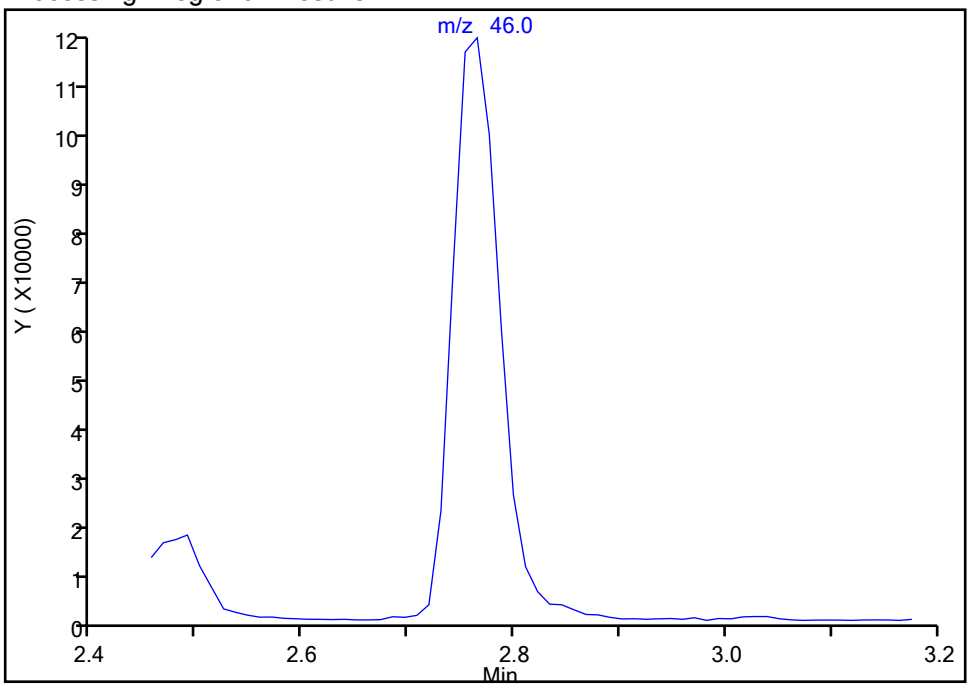
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

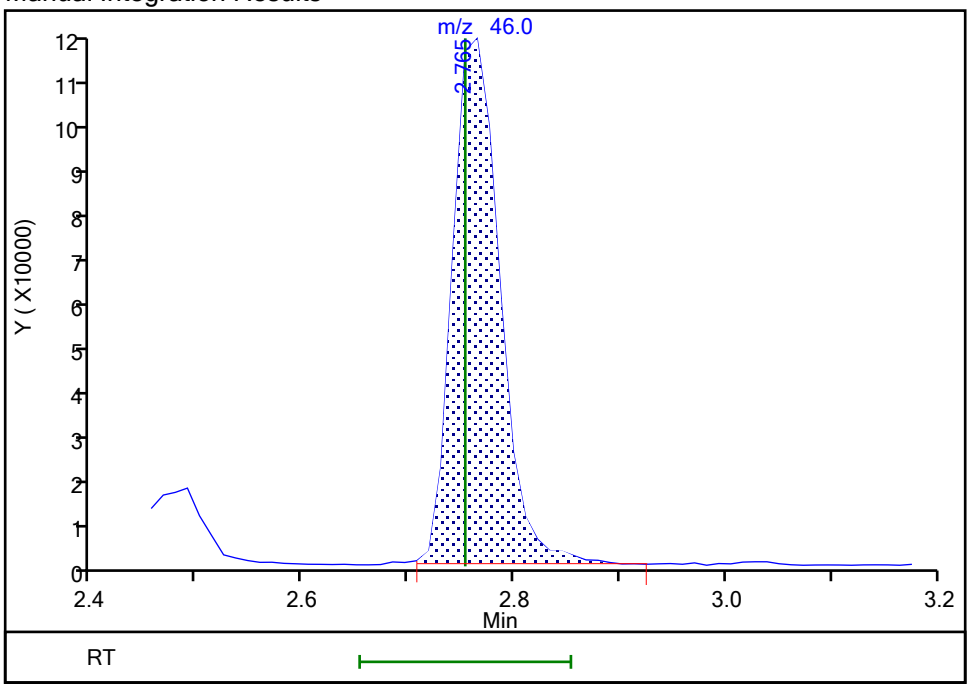
Not Detected
Expected RT: 2.75

Processing Integration Results



RT: 2.76
Area: 363883
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: NN6A, 01-Oct-2024 06:35:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

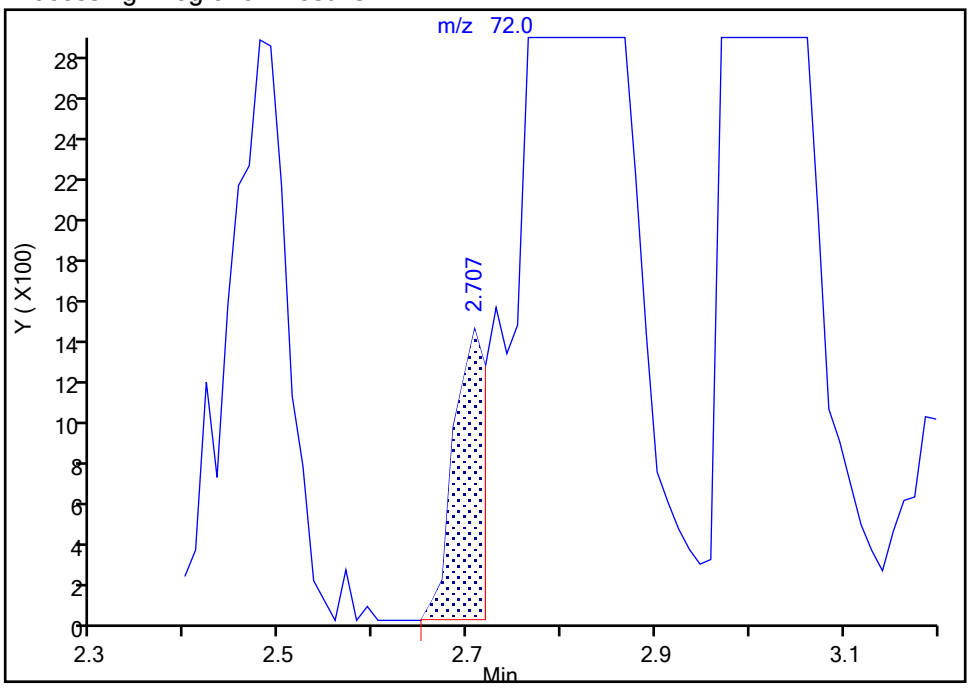
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

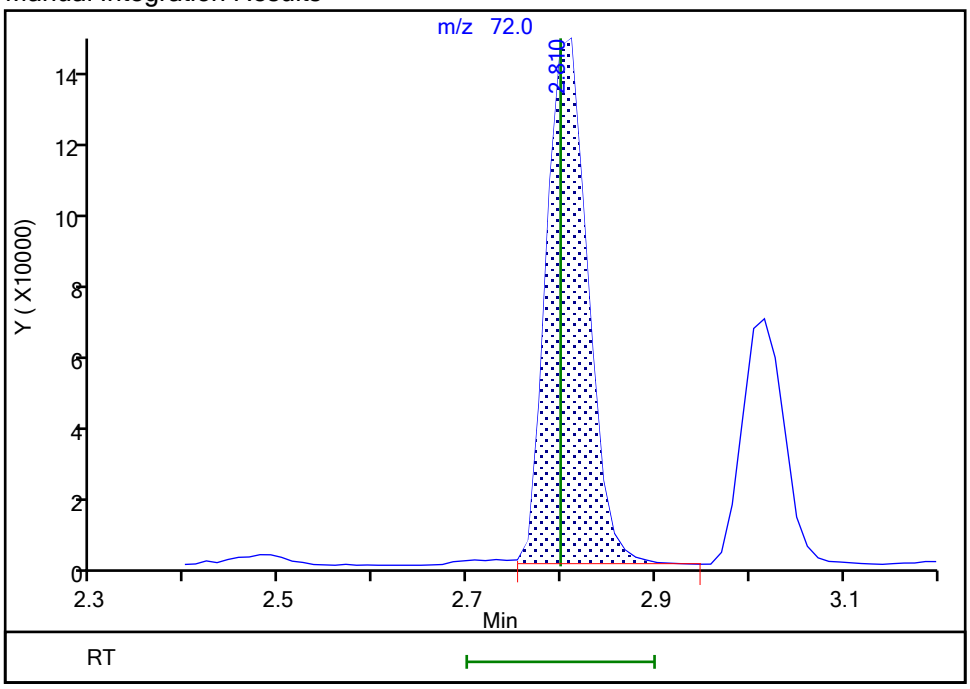
Processing Integration Results

RT: 2.71
Area: 3494
Amount: 9.754358
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 435558
Amount: 1013.1851
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

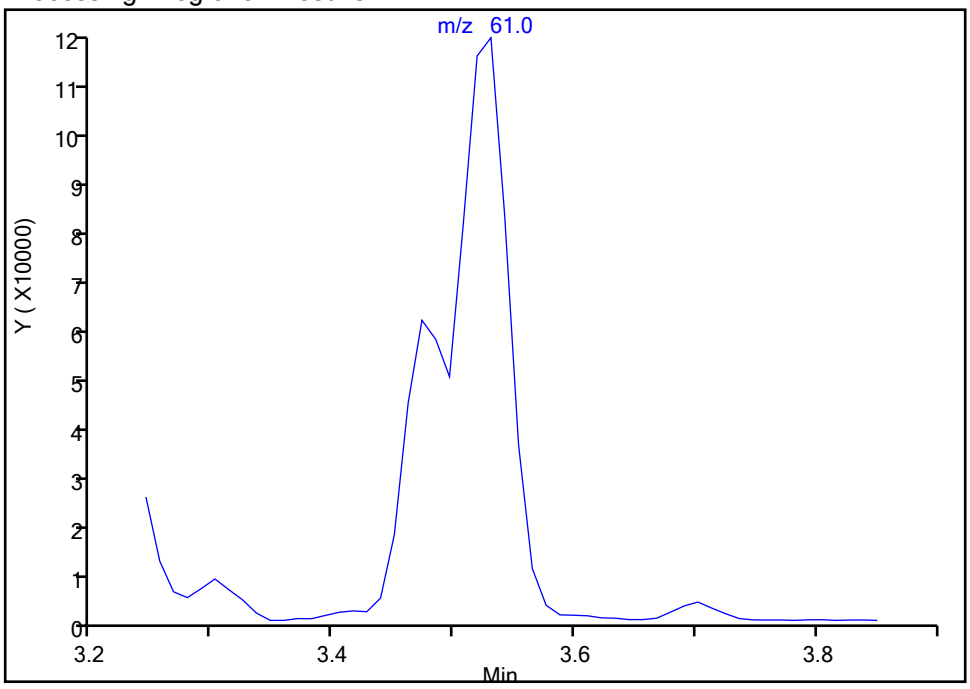
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

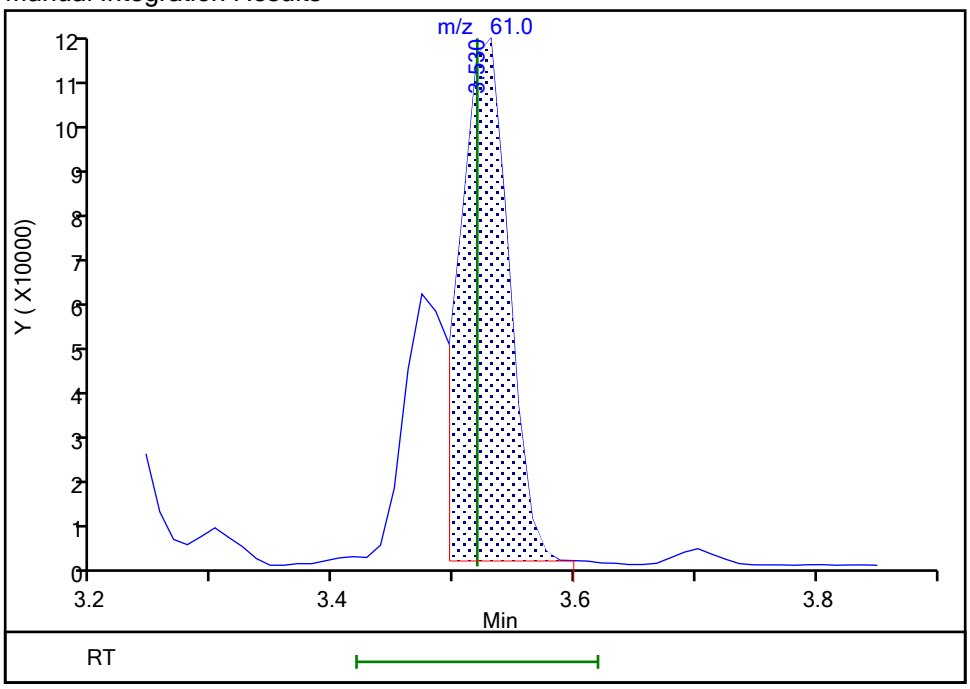
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.53
Area: 329482
Amount: 206.1611
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

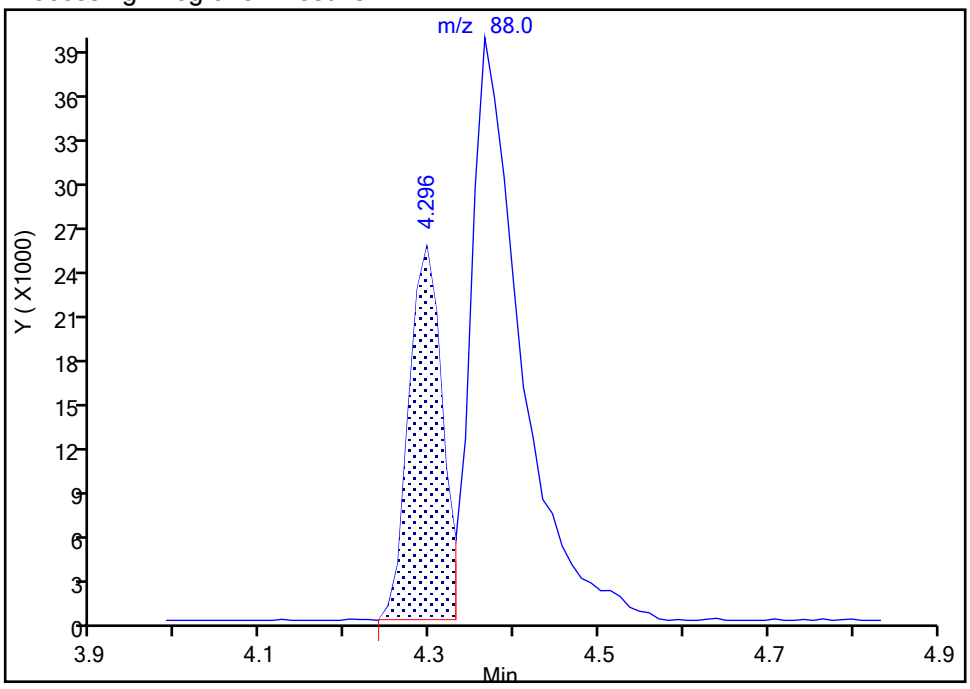
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64395.D
Injection Date: 28-Sep-2024 08:43:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

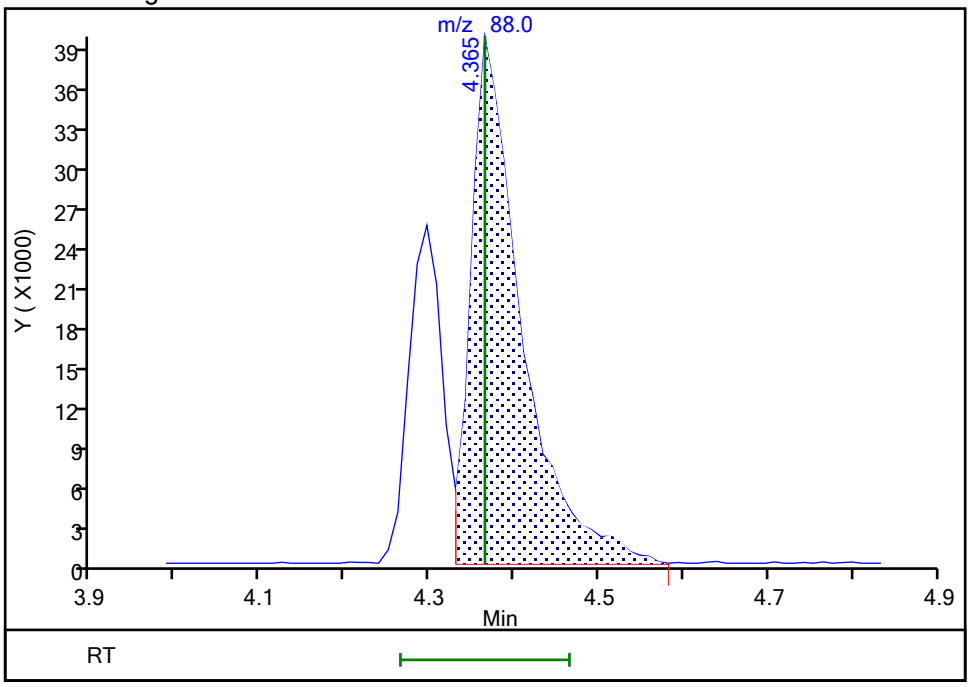
Processing Integration Results

RT: 4.30
Area: 70824
Amount: 1749.6105
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 165254
Amount: 3720.7260
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Sep-2024 09:06:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0181453-009
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:24:34 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: N1JZ Date: 28-Sep-2024 09:54:33

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	2 Chlorotrifluoroethene	116	1.073	1.073	0.000	69	914357	500.0	471.2	
	5 Chlorodifluoromethane	67	1.096	1.096	0.000	96	535859	500.0	457.1	
	3 Dichlorodifluoromethane	85	1.096	1.107	-0.011	99	3771762	500.0	445.4	
	6 Chloromethane	50	1.187	1.199	-0.012	98	5454705	500.0	442.1	
	8 Butadiene	54	1.233	1.233	0.000	95	4139512	500.0	502.6	
	7 Vinyl chloride	62	1.244	1.256	-0.012	98	4061421	500.0	447.0	
	9 Bromomethane	94	1.393	1.405	-0.012	99	2451058	500.0	412.9	
	10 Chloroethane	64	1.416	1.416	0.000	99	1968571	500.0	399.3	
	11 Dichlorofluoromethane	67	1.519	1.530	-0.011	99	5862344	500.0	437.2	
	13 Pentane	57	1.542	1.542	0.000	97	1354389	1000.0	963.7	
	12 Trichlorofluoromethane	101	1.576	1.576	0.000	95	3951612	500.0	467.2	
	15 Ethyl ether	59	1.633	1.633	0.000	94	1913761	500.0	460.2	
	14 Ethanol	46	1.633	1.645	-0.012	75	457024	20000	10366	
	17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	92	2443295	500.0	477.4	
	16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.679	1.679	0.000	89	2314525	500.0	457.0	
	18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	94	4016996	500.0	458.8	
	19 Acrolein	56	1.702	1.713	-0.011	34	337753	400.0	231.7	
	20 1,1-Dichloroethene	96	1.782	1.782	0.000	97	2504440	500.0	479.0	
	22 Acetone	58	1.782	1.782	0.000	89	1242535	2500.0	2403.1	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.804	1.805	-0.001	94	2551741	500.0	452.5	
	24 Isopropyl alcohol	45	1.850	1.850	0.000	97	1444796	5000.0	3154.7	
	23 Iodomethane	142	1.873	1.873	0.000	97	4251485	500.0	451.6	
	25 Carbon disulfide	76	1.942	1.907	0.035	99	11856989	500.0	484.9	
	27 3-Chloro-1-propene	76	1.942	1.907	0.035	88	11856989	500.0	484.9	a
	26 Acetonitrile	40	1.942	1.953	-0.011	80	1597064	5000.0	2153.2	M
	28 Methyl acetate	43	1.953	1.953	0.000	64	2935486	1000.0	534.1	
	29 Cyclopentene	67	2.010	2.010	0.000	95	6067055	500.0	477.8	
	30 Methylene Chloride	84	2.022	2.022	0.000	93	2890738	500.0	427.4	
*	31 TBA-d9 (IS)	65	2.010	2.022	-0.012	40	860507	1000.0	1000.0	a
	32 2-Methyl-2-propanol	59	2.102	2.102	0.000	93	2374088	5000.0	2830.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.148	-0.001	96	8945471	5000.0	4638.8	
34 trans-1,2-Dichloroethene	96	2.170	2.182	-0.012	96	2573613	500.0	474.3	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	97	7462659	500.0	487.3	
36 Hexane	57	2.330	2.342	-0.012	92	2815016	500.0	511.9	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	99	4657399	500.0	478.6	
38 Vinyl acetate	86	2.445	2.445	0.000	100	886862	1000.0	1014.8	
39 Isopropyl ether	45	2.479	2.479	0.000	92	8603896	500.0	511.5	
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	90	2300424	500.0	528.7	
41 Tert-butyl ethyl ether	59	2.719	2.719	0.000	89	8668814	500.0	519.1	
* 43 2-Butanone-d5	46	2.765	2.753	0.012	91	406010	250.0	250.0	a
46 2-Butanone (MEK)	72	2.810	2.799	0.011	98	1264216	2500.0	2635.7	a
45 cis-1,2-Dichloroethene	96	2.810	2.810	0.000	98	2753826	500.0	465.0	
44 2,2-Dichloropropane	97	2.833	2.822	0.011	96	855069	500.0	456.8	
47 Ethyl acetate	43	2.833	2.833	0.000	98	8580124	1000.0	988.3	
42 Propionitrile	54	2.845	2.845	0.000	94	3267538	5000.0	3122.5	
48 Methyl acrylate	55	2.867	2.868	-0.001	99	2447556	500.0	528.2	
50 Methacrylonitrile	67	2.959	2.959	0.000	93	9786729	5000.0	5328.2	
49 Chlorobromomethane	128	2.982	2.970	0.012	88	1237754	500.0	470.1	
51 Tetrahydrofuran	42	3.016	3.016	0.000	91	1415410	1000.0	1002.8	
52 Chloroform	83	3.027	3.028	-0.001	99	4213475	500.0	475.0	
$ 53 Dibromofluoromethane (Surr)	113	3.153	3.153	0.000	96	215485	50.0	45.8	
54 1,1,1-Trichloroethane	97	3.199	3.199	0.000	99	3712477	500.0	482.4	
55 Cyclohexane	84	3.256	3.245	0.011	91	4594628	500.0	555.5	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	3382698	500.0	523.5	
56 Carbon tetrachloride	117	3.325	3.325	0.000	98	3071117	500.0	492.2	
61 Isobutyl alcohol	43	3.382	3.382	0.000	95	2459264	12500	8863.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.416	3.416	0.000	85	256725	50.0	48.5	
59 Benzene	78	3.473	3.473	0.000	95	10381447	500.0	459.0	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	94	3017325	500.0	497.4	
63 Isopropyl acetate	61	3.530	3.519	0.011	96	972702	500.0	549.4	a
62 Isooctane	57	3.565	3.553	0.012	96	6358816	500.0	569.6	
64 Tert-amyl methyl ether	73	3.576	3.576	0.000	93	8184642	500.0	550.1	
66 n-Heptane	43	3.702	3.702	0.000	91	2007718	500.0	525.6	
* 65 Fluorobenzene	96	3.702	3.702	0.000	55	662730	50.0	50.0	
68 n-Butanol	56	3.965	3.953	0.012	86	1503143	12500	10127	
67 Trichloroethene	95	4.033	4.033	0.000	99	2336847	500.0	503.2	
69 Ethyl acrylate	55	4.136	4.125	0.011	98	2610665	500.0	609.3	
70 Methylcyclohexane	83	4.239	4.228	0.011	97	3954275	500.0	541.7	
71 1,2-Dichloropropane	63	4.239	4.239	0.000	93	2585343	500.0	533.2	
* 72 1,4-Dioxane-d8	96	4.342	4.308	0.034	71	51695	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	95	1415920	500.0	473.2	
75 Methyl methacrylate	100	4.365	4.365	0.000	91	1099095	1000.0	1193.2	
74 1,4-Dioxane	88	4.376	4.365	0.011	88	466428	10000	8106.4	
76 n-Propyl acetate	43	4.433	4.422	0.011	98	2880177	500.0	594.2	
77 Dichlorobromomethane	83	4.513	4.502	0.011	99	3019100	500.0	521.2	
78 2-Nitropropane	41	4.753	4.742	0.011	96	922461	1000.0	1122.1	
79 2-Chloroethyl vinyl ether	63	4.845	4.833	0.012	94	1477791	501.2	597.1	
80 Epichlorohydrin	57	4.890	4.891	-0.001	99	4134126	10000	10327	
81 cis-1,3-Dichloropropene	75	4.993	4.982	0.011	91	3963847	500.0	505.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.188	5.176	0.012	95	11199625	2500.0	2881.4	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	852043	50.0	46.3	
84 Toluene	91	5.371	5.371	0.000	93	10033242	500.0	491.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.633	5.634	-0.001	95	3273580	500.0	516.5	
86 Ethyl methacrylate	69	5.793	5.782	0.011	90	2970574	500.0	577.4	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	96	1639211	500.0	485.9	
88 Tetrachloroethene	166	6.033	6.022	0.011	96	1999810	500.0	467.8	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	3338390	500.0	501.8	
90 2-Hexanone	43	6.216	6.205	0.011	95	7141699	2500.0	2439.0	
91 Chlorodibromomethane	129	6.342	6.331	0.011	98	2099104	500.0	492.2	
92 n-Butyl acetate	43	6.411	6.411	0.000	100	3382688	500.0	593.9	
93 Ethylene Dibromide	107	6.468	6.468	0.000	98	1882386	500.0	505.7	
* 94 Chlorobenzene-d5	117	7.119	7.119	0.000	86	563664	50.0	50.0	
95 Chlorobenzene	112	7.165	7.154	0.011	94	6083902	500.0	511.0	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	97	2257001	500.0	473.6	
97 Ethylbenzene	106	7.348	7.337	0.011	98	3262848	500.0	533.9	
98 m-Xylene & p-Xylene	106	7.531	7.519	0.012	97	4030933	500.0	540.7	
99 o-Xylene	106	8.102	8.091	0.011	94	4193100	500.0	533.9	
100 Styrene	104	8.125	8.114	0.011	97	6866416	500.0	591.5	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	1912340	500.0	631.1	
102 Bromoform	173	8.342	8.342	0.000	96	1223026	500.0	504.5	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	90	4518570	500.0	499.6	
104 Isopropylbenzene	105	8.685	8.674	0.011	95	9822350	500.0	550.3	
$ 105 4-Bromofluorobenzene	174	8.879	8.880	-0.001	86	224457	50.0	51.0	
106 Bromobenzene	156	9.074	9.074	0.000	97	2352831	500.0	521.9	
107 1,1,2,2-Tetrachloroethane	83	9.177	9.165	0.012	99	2706622	500.0	493.4	
108 1,2,3-Trichloropropane	75	9.199	9.188	0.011	100	1960290	500.0	468.9	
109 trans-1,4-Dichloro-2-butene	75	9.268	9.257	0.011	94	943097	500.0	542.7	
110 N-Propylbenzene	91	9.337	9.325	0.012	99	12163181	500.0	560.1	
111 2-Chlorotoluene	91	9.417	9.405	0.012	96	7518086	500.0	538.5	
112 4-Ethyltoluene	105	9.531	9.520	0.011	99	9977172	500.0	586.8	
113 4-Chlorotoluene	91	9.600	9.588	0.012	97	7349258	500.0	545.8	
114 1,3,5-Trimethylbenzene	105	9.645	9.634	0.011	92	9257811	500.0	565.8	
115 Butyl Methacrylate	87	9.908	9.897	0.011	88	3708784	500.0	499.7	
116 tert-Butylbenzene	119	10.148	10.148	0.000	93	7250506	500.0	499.7	
117 1,2,4-Trimethylbenzene	105	10.228	10.217	0.011	97	9536579	500.0	567.0	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	10855788	500.0	499.6	
119 1,3-Dichlorobenzene	146	10.525	10.514	0.011	96	4487456	500.0	523.0	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	95	313471	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	94	4675194	500.0	509.8	
122 4-Isopropyltoluene	119	10.640	10.628	0.012	98	9388342	500.0	576.1	
123 1,2,3-Trimethylbenzene	105	10.720	10.708	0.012	98	10709545	500.0	556.4	e
124 Benzyl chloride	126	10.788	10.788	0.000	98	919380	500.0	540.0	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	9752749	500.0	569.0	
126 1,2-Dichlorobenzene	146	10.994	10.994	0.000	96	4764864	500.0	515.0	
127 p-Diethylbenzene	119	11.017	11.017	0.000	92	5329754	500.0	590.9	
128 n-Butylbenzene	92	11.040	11.040	0.000	97	4433624	500.0	547.8	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	98	515878	500.0	569.0	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	98	7960353	500.0	499.2	e
131 1,3,5-Trichlorobenzene	180	11.783	11.771	0.012	98	3326411	500.0	521.5	
132 1,2,4-Trichlorobenzene	180	12.171	12.160	0.011	93	2914044	500.0	500.4	
133 Hexachlorobutadiene	225	12.286	12.274	0.012	97	835488	500.0	519.1	
134 Naphthalene	128	12.308	12.297	0.011	100	7369174	500.0	532.8	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	96	2353356	500.0	468.2	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	939.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	1074.6	
S 139 Total BTEX	1				0		2500.0	2559.0	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00249	Amount Added:	1.00	Units: uL	
ACROLEIN W_00174	Amount Added:	40.00	Units: uL	
GAS Hi_00479	Amount Added:	50.00	Units: uL	
MIX I Hi_00180	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00153	Amount Added:	50.00	Units: uL	
Ethanol mix_00093	Amount Added:	50.00	Units: uL	
7 Freons Hi_00018	Amount Added:	50.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:24:35 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9 Operator ID:

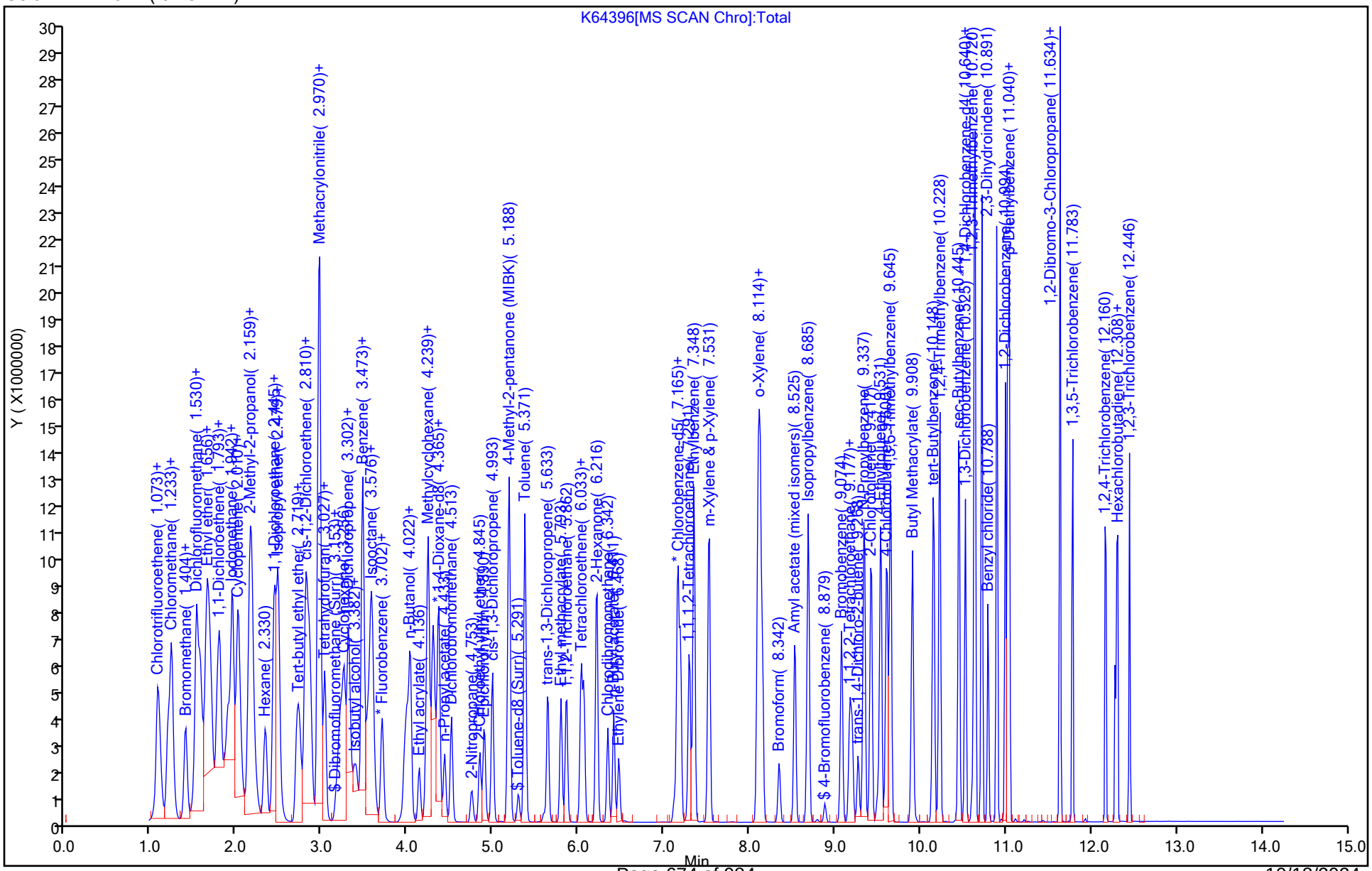
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

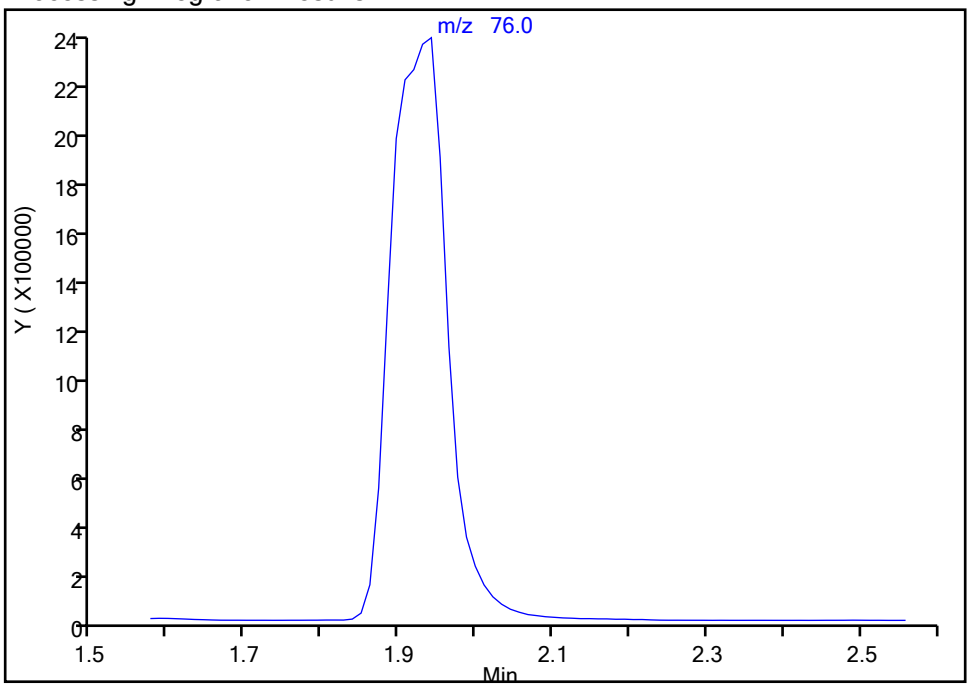
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

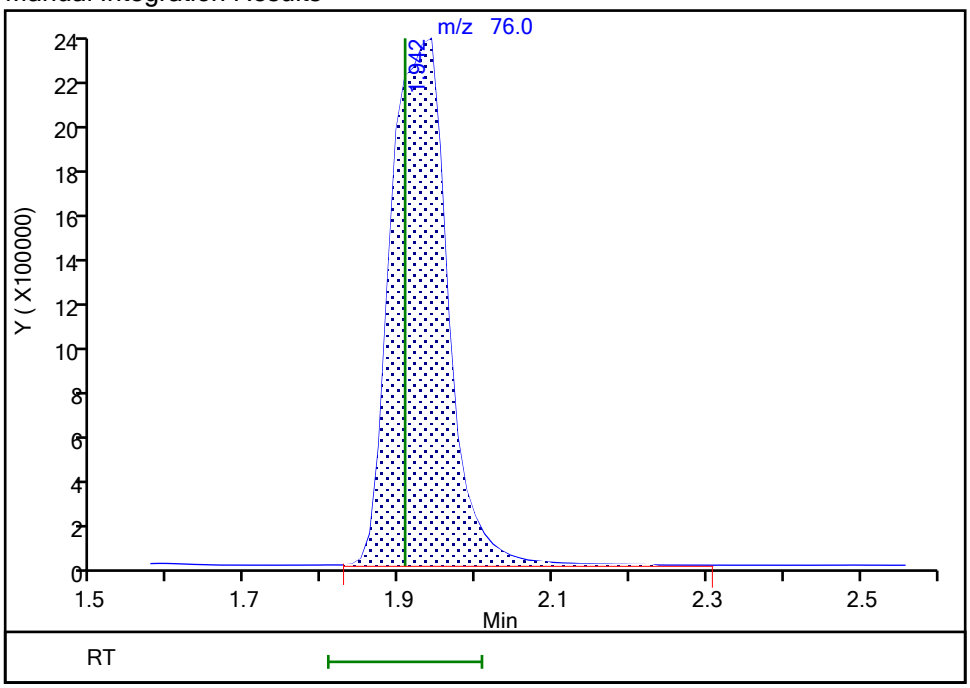
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 11856989
Amount: 484.9262
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:37:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

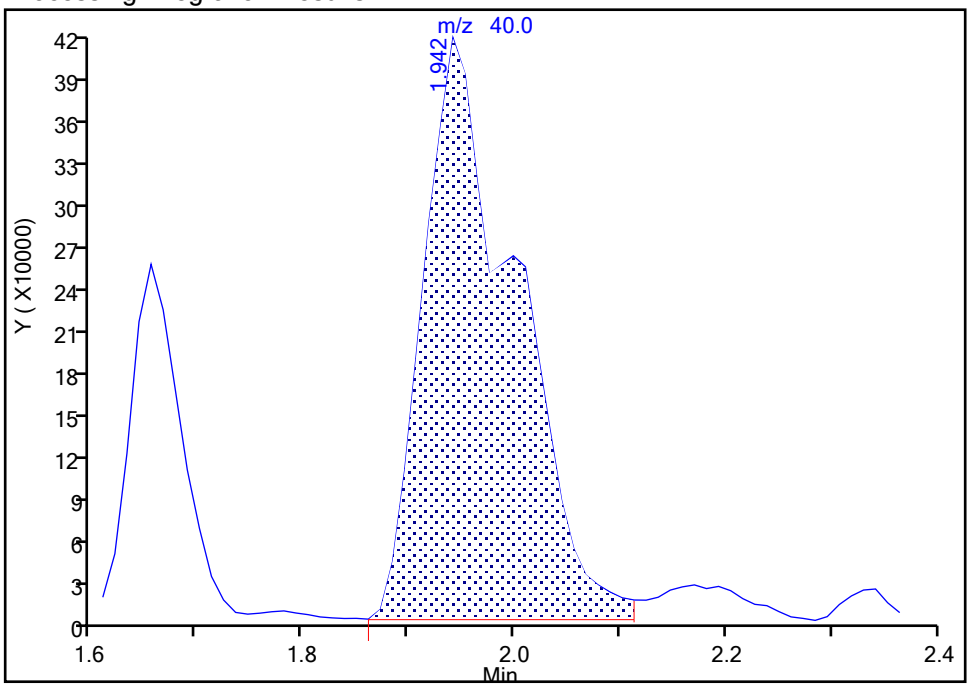
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

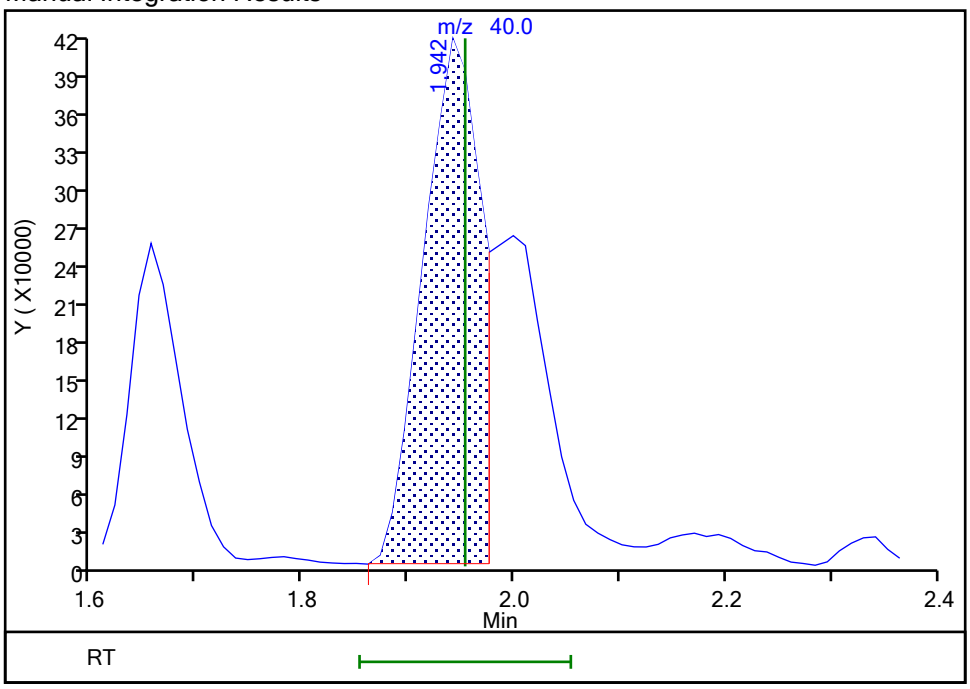
Processing Integration Results

RT: 1.94
Area: 2504289
Amount: 3569.4902
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 1597064
Amount: 2153.1711
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:37:20 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

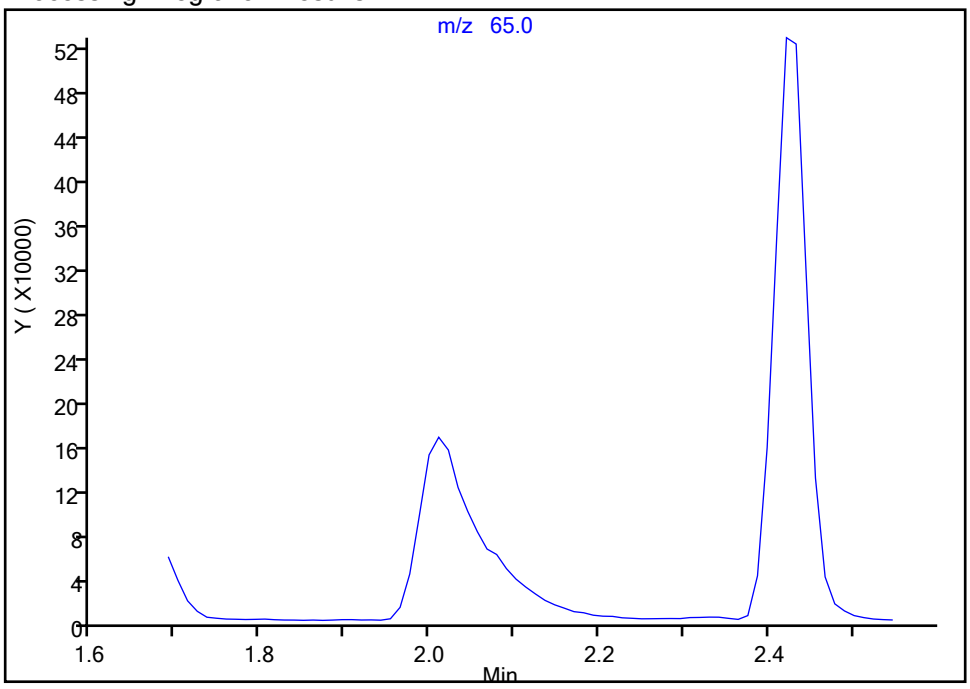
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

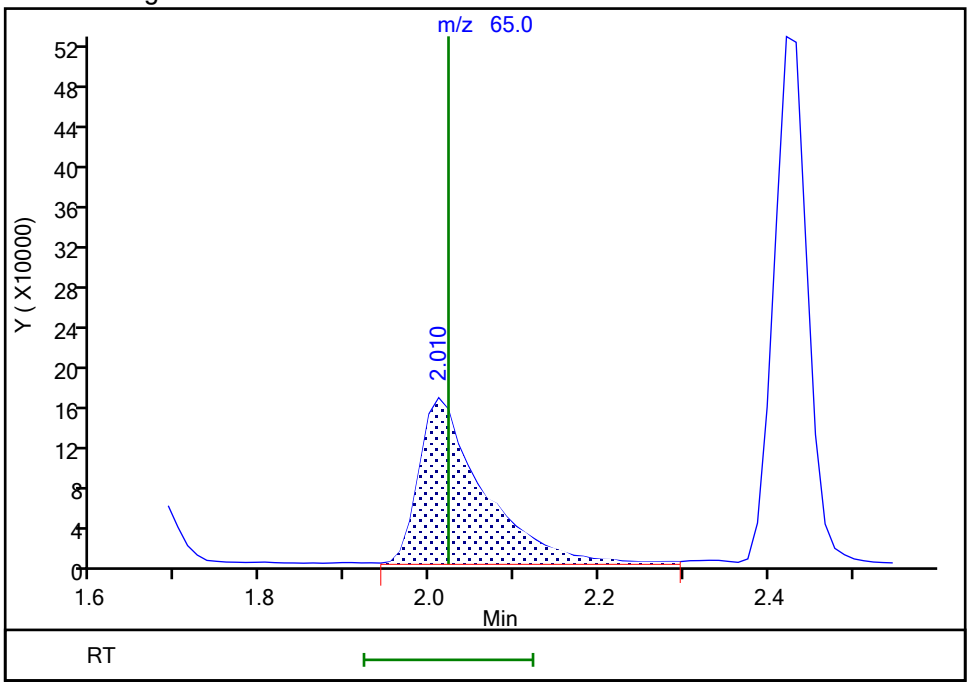
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 860507
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

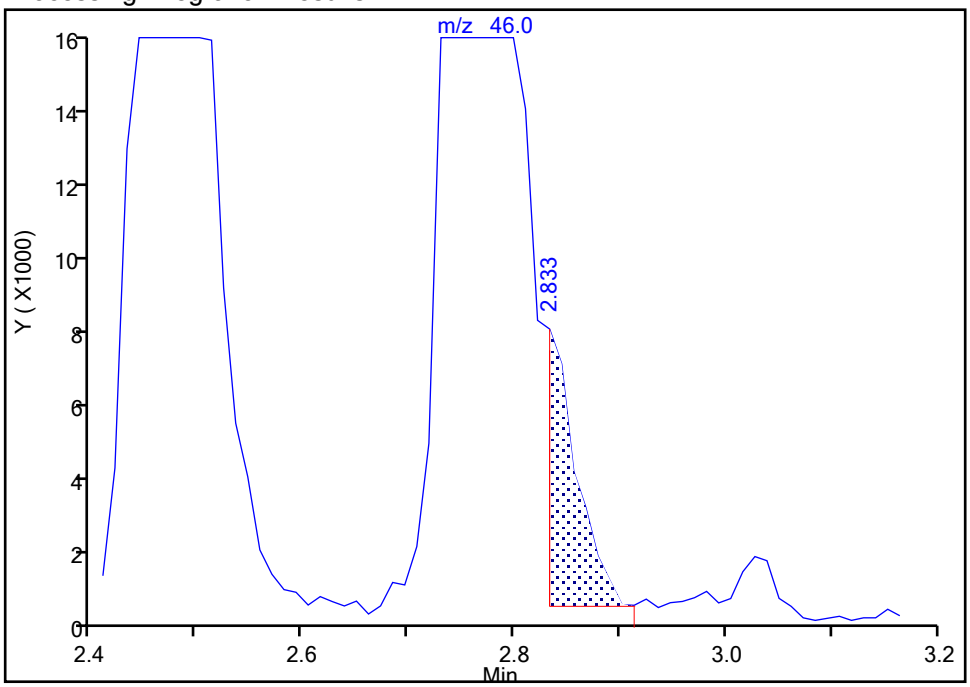
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

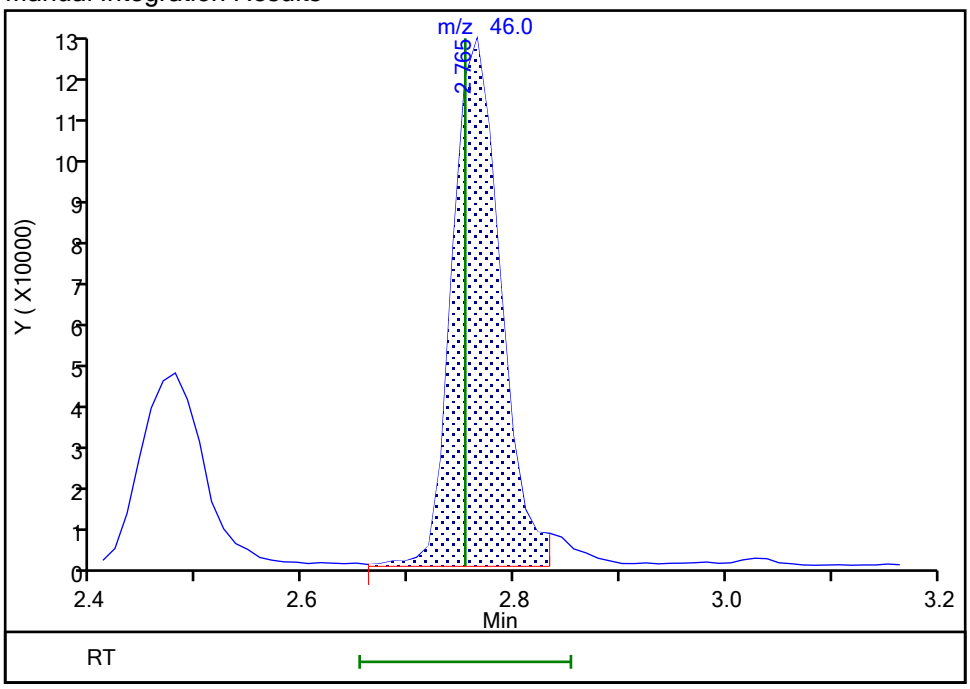
Processing Integration Results

RT: 2.83
Area: 15046
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 406010
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:36:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

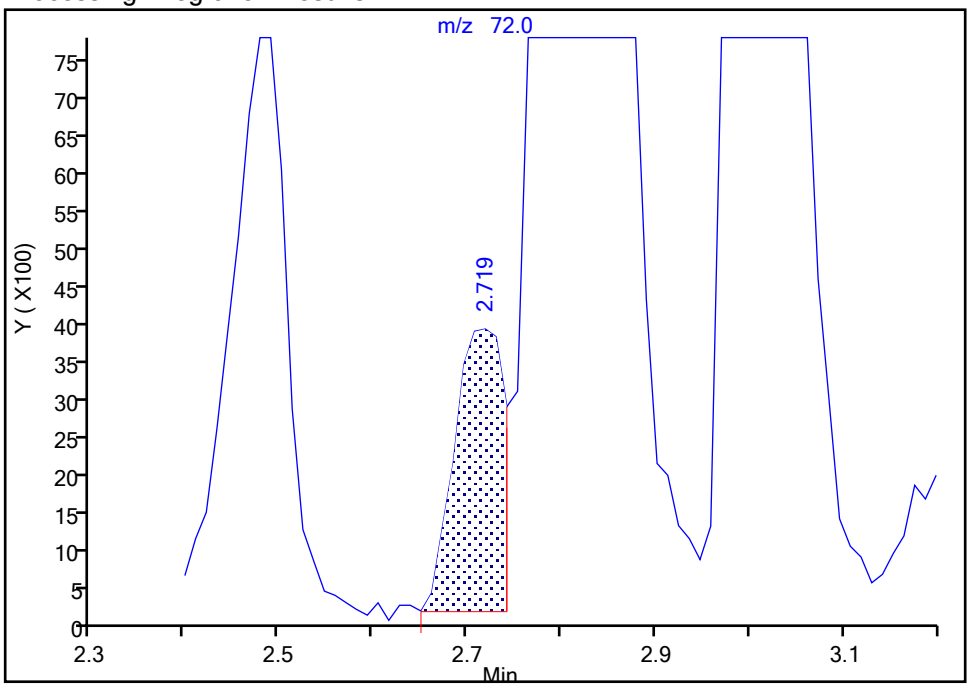
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

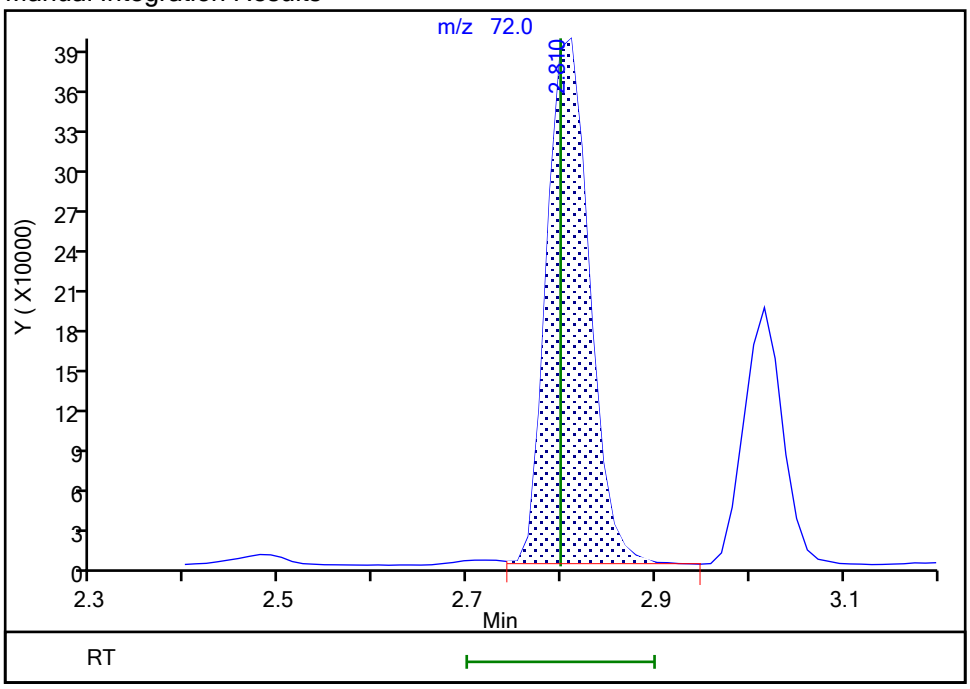
Processing Integration Results

RT: 2.72
Area: 13977
Amount: 35.267912
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 1264216
Amount: 2635.6583
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:37:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

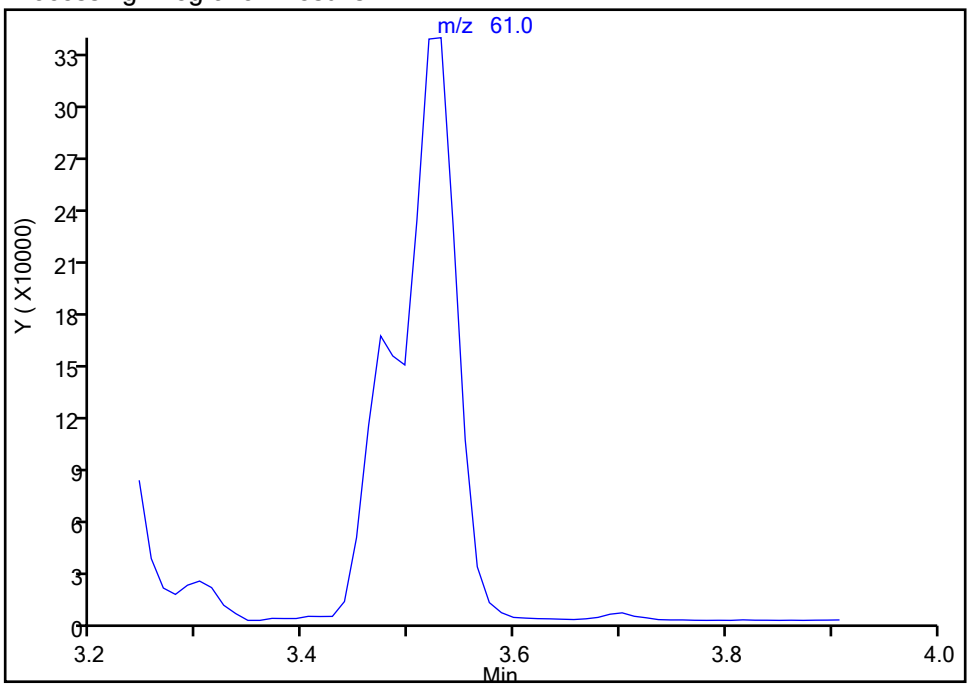
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D
Injection Date: 28-Sep-2024 09:06:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

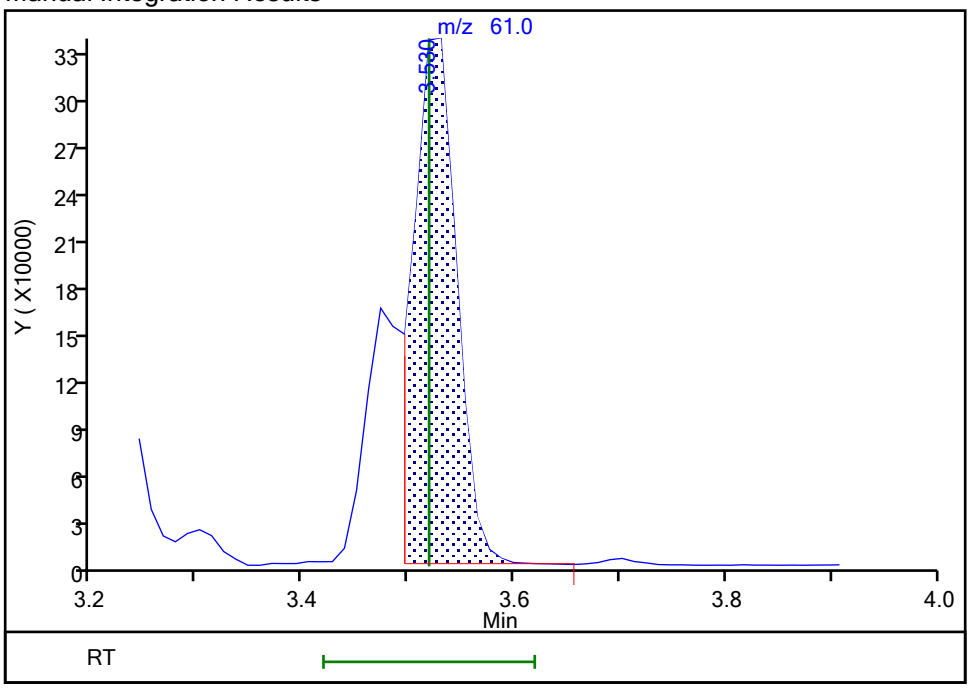
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.53
Area: 972702
Amount: 549.4429
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 06:37:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

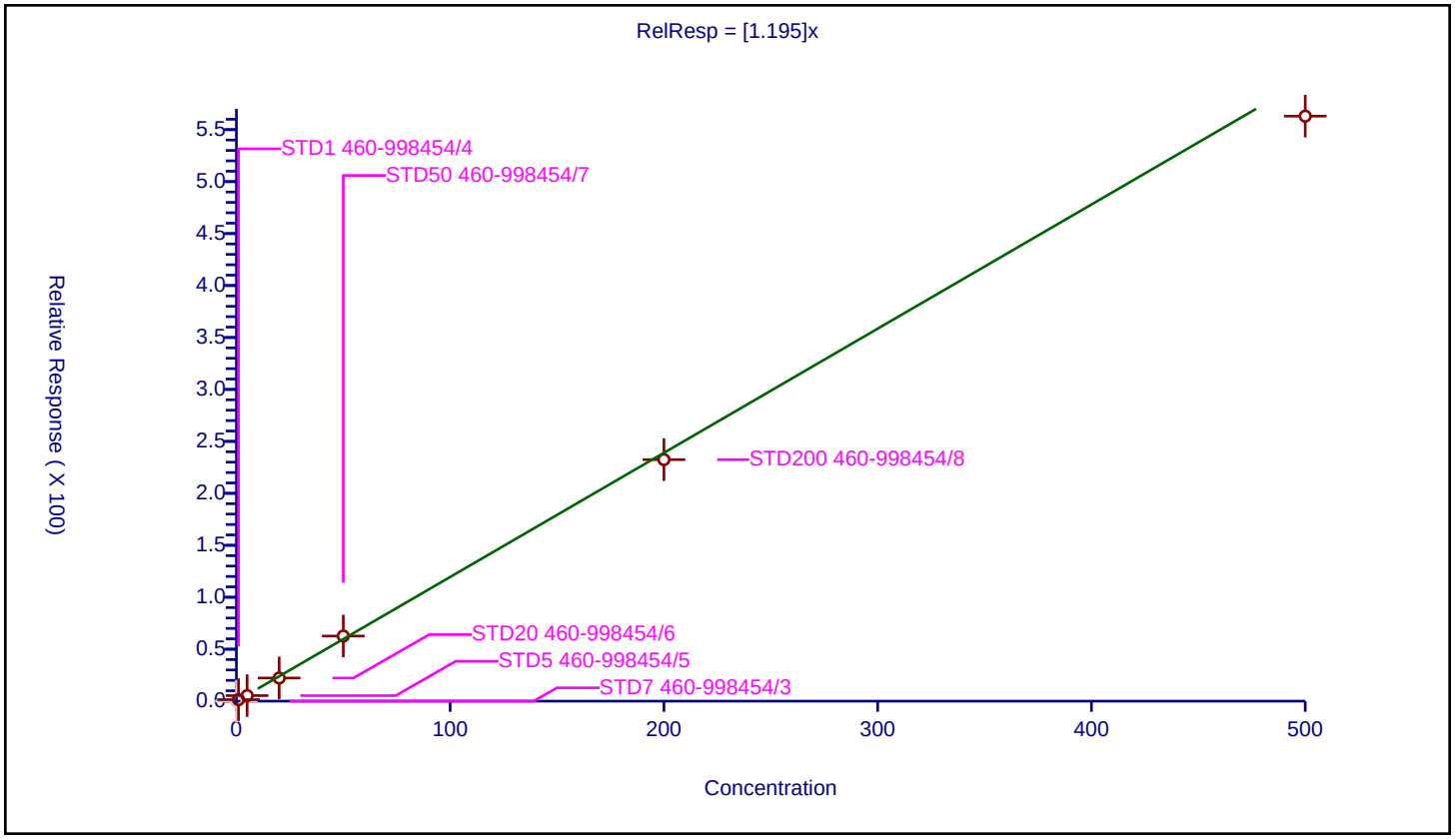
Curve Coefficients

Intercept:	0
Slope:	1.195

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	1.0	1.451616	250.0	279516.0	1.451616	Y
3	STD5 460-998454/5	5.0	5.319083	250.0	322424.0	1.063817	Y
4	STD20 460-998454/6	20.0	22.253119	250.0	327617.0	1.112656	Y
5	STD50 460-998454/7	50.0	62.668503	250.0	325662.0	1.25337	Y
6	STD200 460-998454/8	200.0	232.43941	250.0	363883.0	1.162197	Y
7	STD500 460-998454/9	500.0	563.013842	250.0	406010.0	1.126028	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

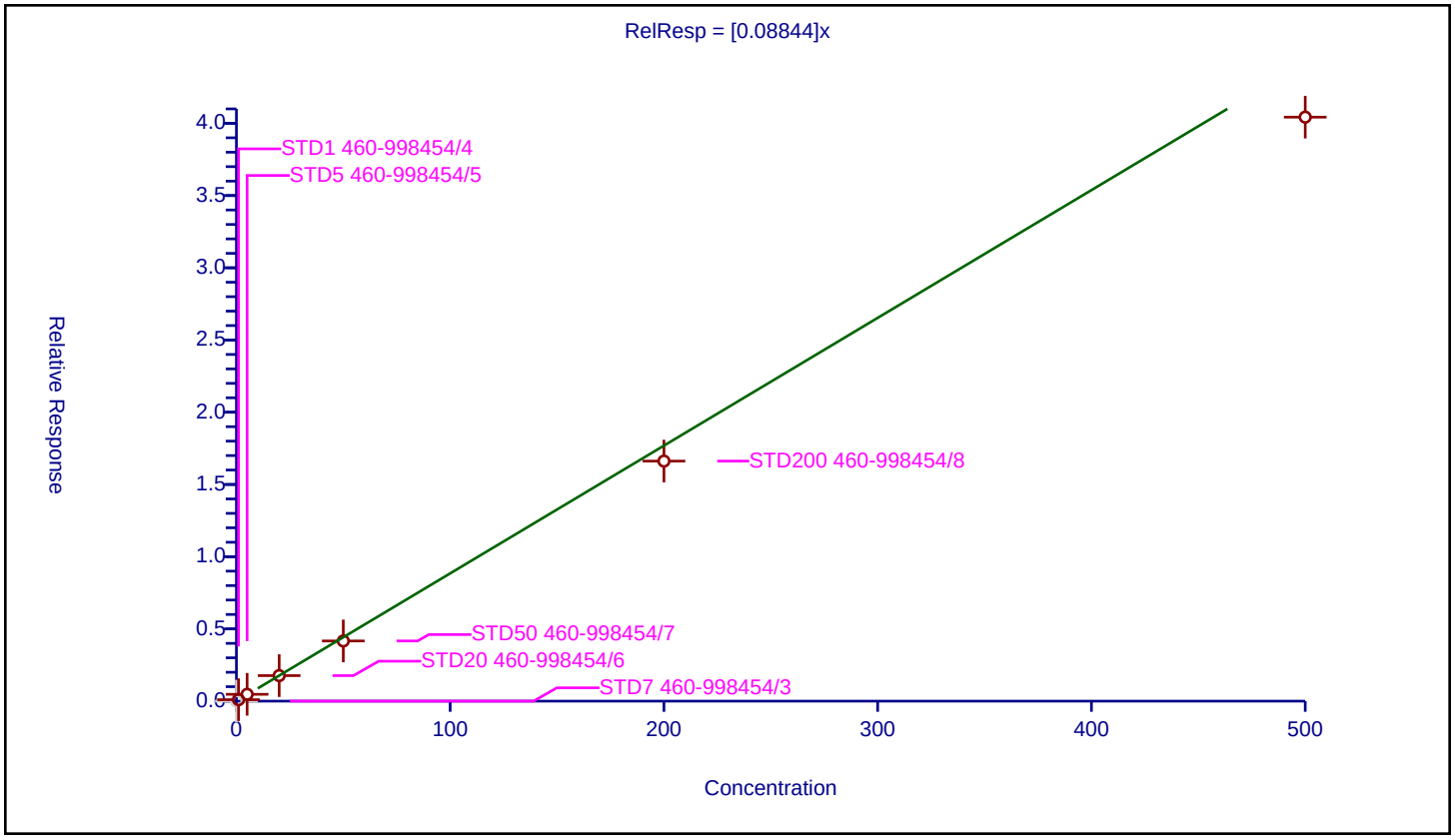
Curve Coefficients

Intercept:	0
Slope:	0.08844

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.10054	50.0	467477.0	0.10054	Y
3	STD5 460-998454/5	5.0	0.472337	50.0	531824.0	0.094467	Y
4	STD20 460-998454/6	20.0	1.767704	50.0	545227.0	0.088385	Y
5	STD50 460-998454/7	50.0	4.165707	50.0	560037.0	0.083314	Y
6	STD200 460-998454/8	200.0	16.617888	50.0	598280.0	0.083089	Y
7	STD500 460-998454/9	500.0	40.428153	50.0	662730.0	0.080856	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

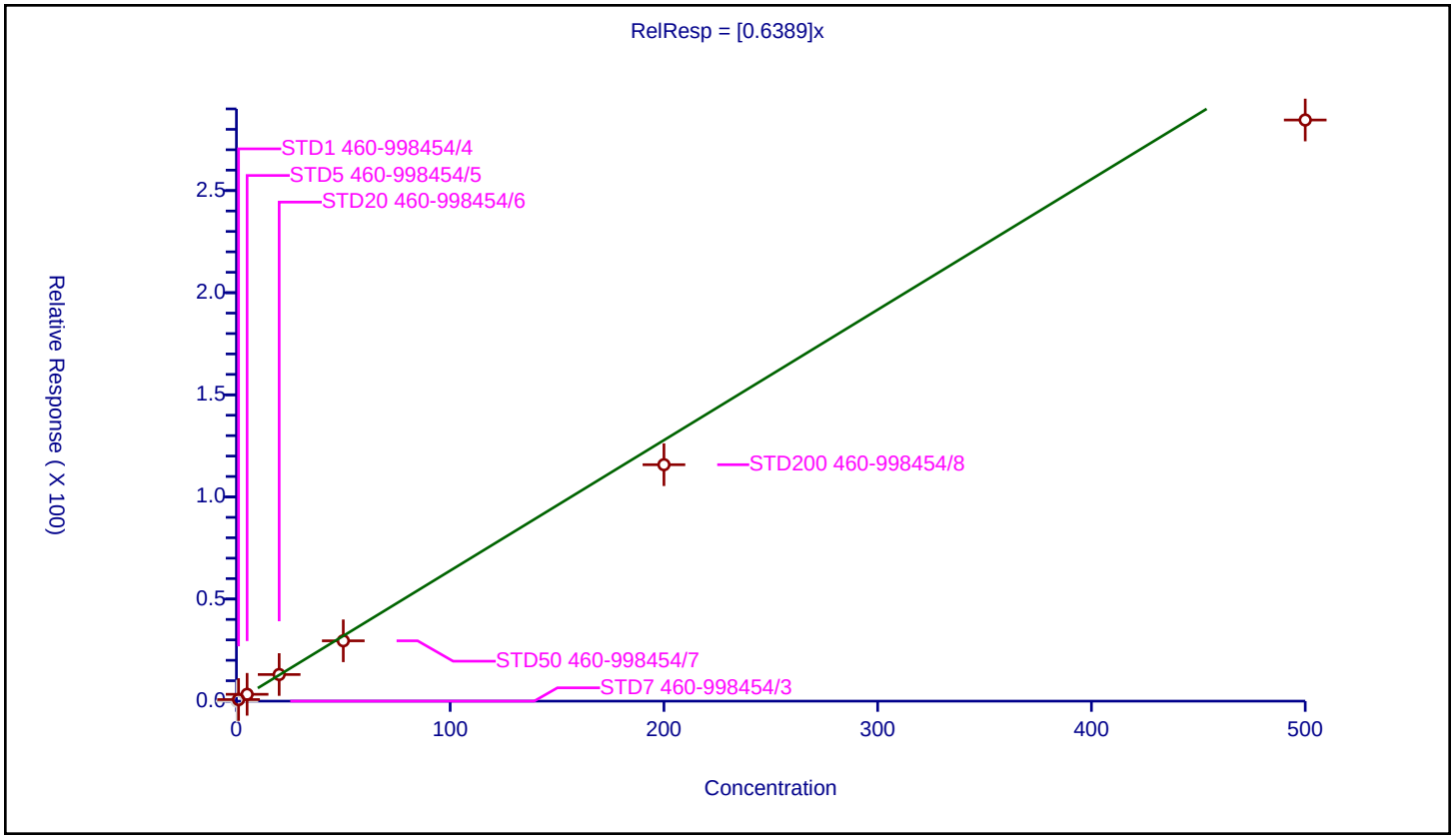
Curve Coefficients

Intercept:	0
Slope:	0.6389

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	0.77437	50.0	467477.0	0.77437	Y
3	STD5 460-998454/5	5.0	3.342271	50.0	531824.0	0.668454	Y
4	STD20 460-998454/6	20.0	13.037414	50.0	545227.0	0.651871	Y
5	STD50 460-998454/7	50.0	29.540548	50.0	560037.0	0.590811	Y
6	STD200 460-998454/8	200.0	115.775306	50.0	598280.0	0.578877	Y
7	STD500 460-998454/9	500.0	284.562492	50.0	662730.0	0.569125	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

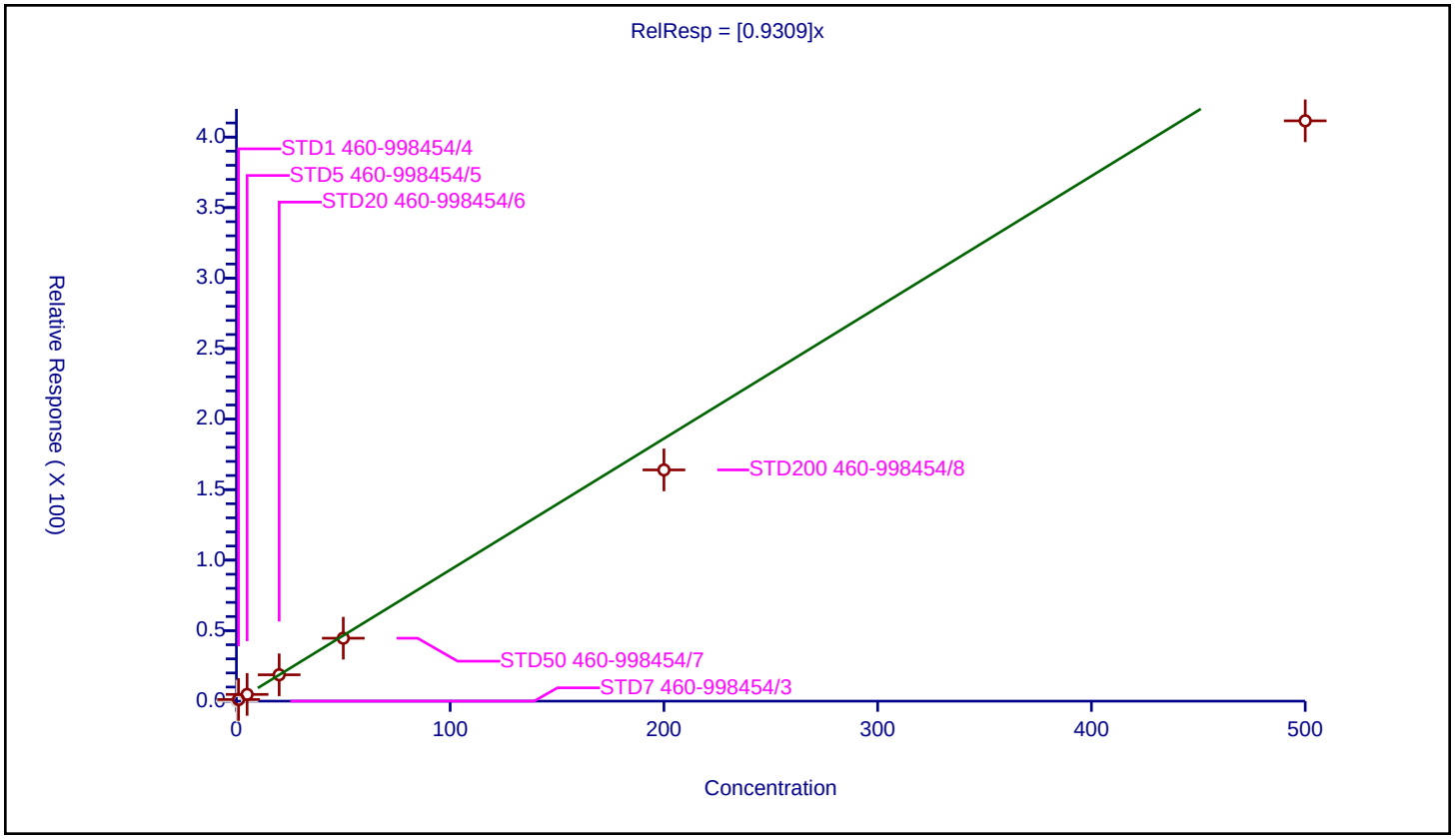
Curve Coefficients

Intercept:	0
Slope:	0.9309

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	1.163266	50.0	467477.0	1.163266	Y
3	STD5 460-998454/5	5.0	4.762196	50.0	531824.0	0.952439	Y
4	STD20 460-998454/6	20.0	18.688363	50.0	545227.0	0.934418	Y
5	STD50 460-998454/7	50.0	44.623302	50.0	560037.0	0.892466	Y
6	STD200 460-998454/8	200.0	163.970716	50.0	598280.0	0.819854	Y
7	STD500 460-998454/9	500.0	411.532977	50.0	662730.0	0.823066	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

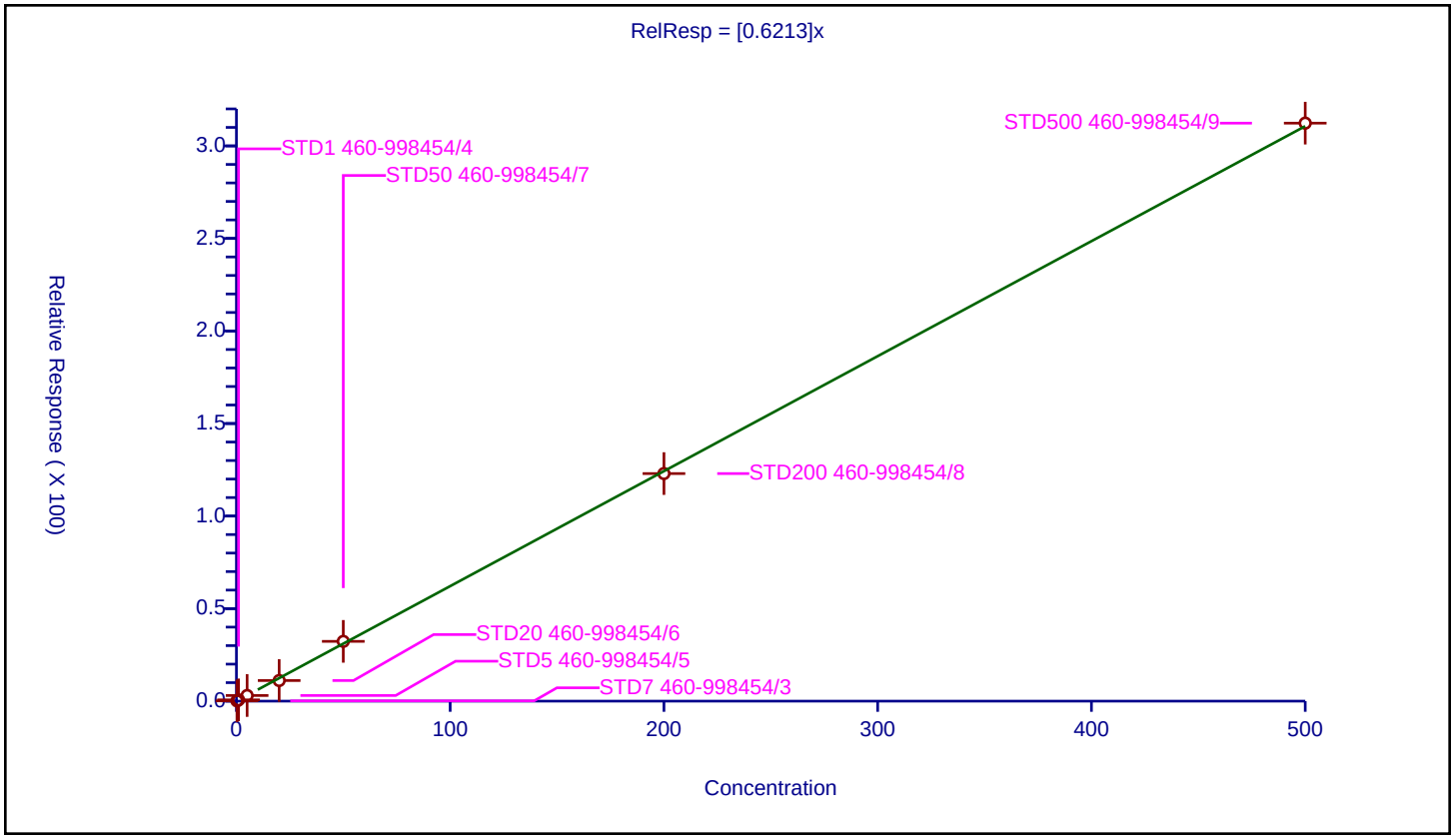
Curve Coefficients

Intercept:	0
Slope:	0.6213

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.155283	50.0	506171.0	0.621134	Y
2	STD1 460-998454/4	1.0	0.677894	50.0	467477.0	0.677894	Y
3	STD5 460-998454/5	5.0	3.040856	50.0	531824.0	0.608171	Y
4	STD20 460-998454/6	20.0	11.136462	50.0	545227.0	0.556823	Y
5	STD50 460-998454/7	50.0	32.293223	50.0	560037.0	0.645864	Y
6	STD200 460-998454/8	200.0	122.956225	50.0	598280.0	0.614781	Y
7	STD500 460-998454/9	500.0	312.307576	50.0	662730.0	0.624615	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

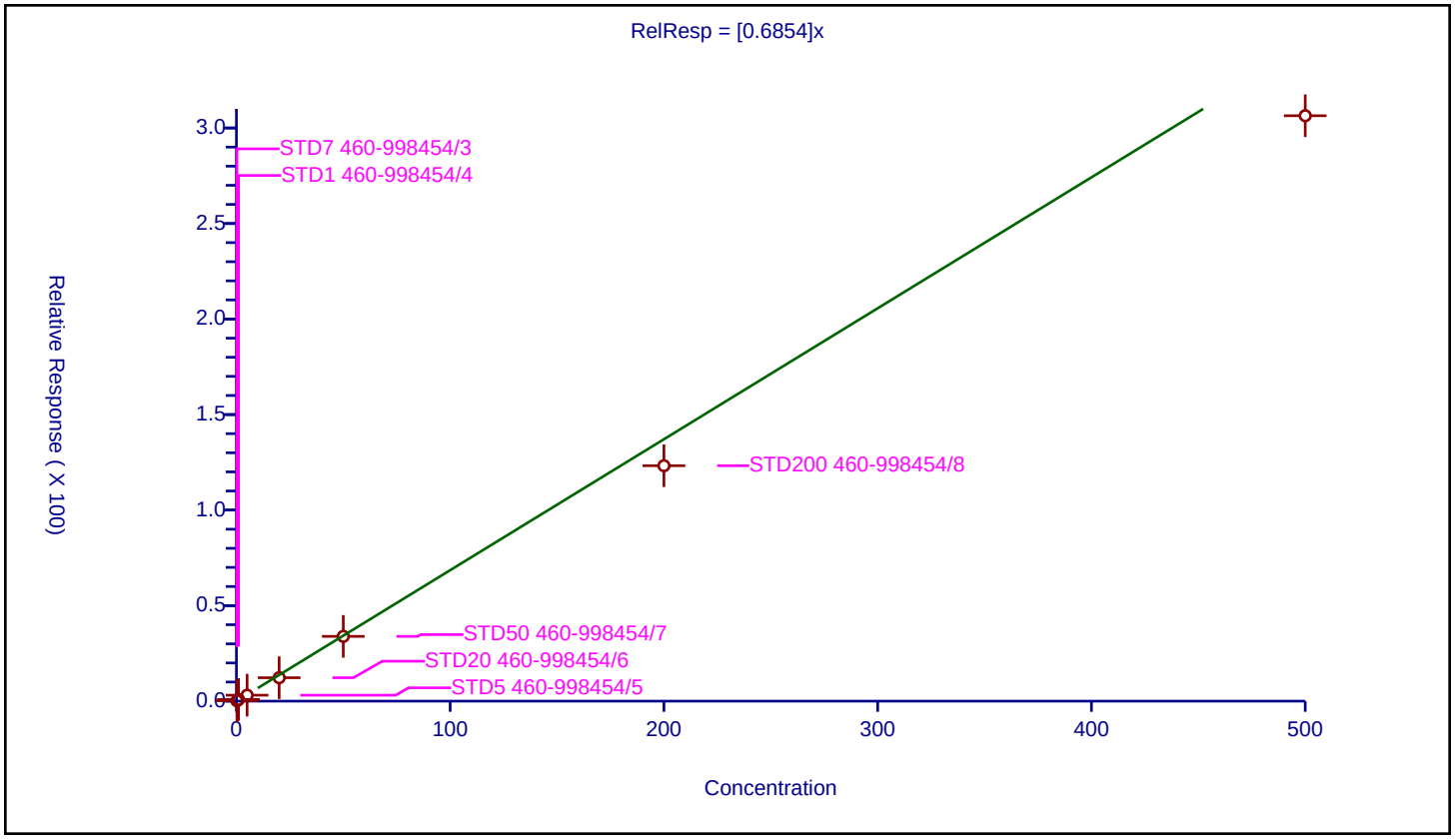
Curve Coefficients

Intercept:	0
Slope:	0.6854

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.198451	50.0	506171.0	0.793803	Y
2	STD1 460-998454/4	1.0	0.860898	50.0	467477.0	0.860898	Y
3	STD5 460-998454/5	5.0	3.116445	50.0	531824.0	0.623289	Y
4	STD20 460-998454/6	20.0	12.257922	50.0	545227.0	0.612896	Y
5	STD50 460-998454/7	50.0	33.903474	50.0	560037.0	0.678069	Y
6	STD200 460-998454/8	200.0	123.231096	50.0	598280.0	0.616155	Y
7	STD500 460-998454/9	500.0	306.415961	50.0	662730.0	0.612832	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

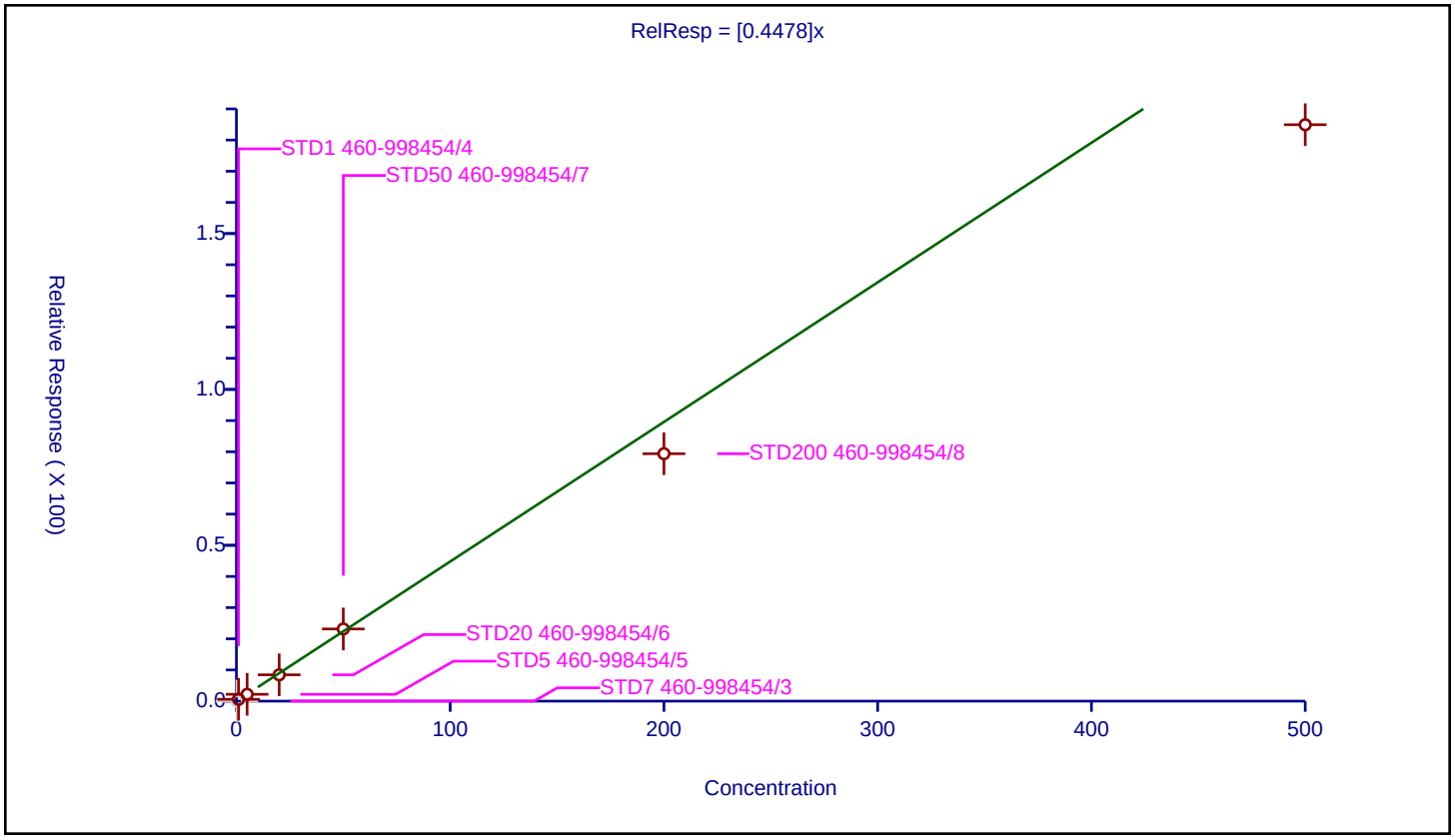
Curve Coefficients

Intercept:	0
Slope:	0.4478

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	0.597142	50.0	467477.0	0.597142	Y
3	STD5 460-998454/5	5.0	2.187472	50.0	531824.0	0.437494	Y
4	STD20 460-998454/6	20.0	8.449967	50.0	545227.0	0.422498	Y
5	STD50 460-998454/7	50.0	23.152845	50.0	560037.0	0.463057	Y
6	STD200 460-998454/8	200.0	79.38156	50.0	598280.0	0.396908	Y
7	STD500 460-998454/9	500.0	184.92131	50.0	662730.0	0.369843	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

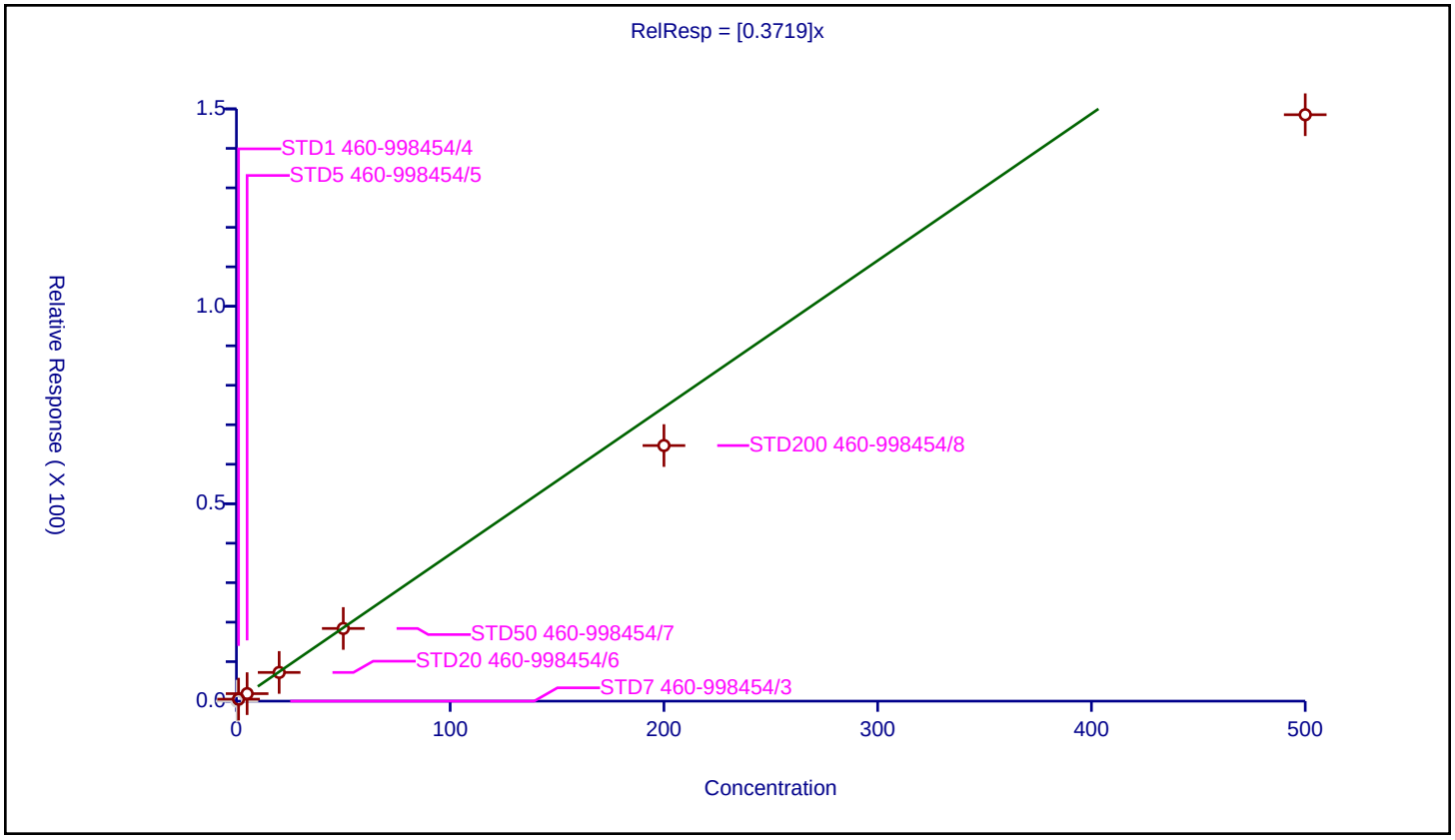
Curve Coefficients

Intercept:	0
Slope:	0.3719

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	0.499169	50.0	467477.0	0.499169	Y
3	STD5 460-998454/5	5.0	1.901381	50.0	531824.0	0.380276	Y
4	STD20 460-998454/6	20.0	7.267615	50.0	545227.0	0.363381	Y
5	STD50 460-998454/7	50.0	18.406462	50.0	560037.0	0.368129	Y
6	STD200 460-998454/8	200.0	64.732985	50.0	598280.0	0.323665	Y
7	STD500 460-998454/9	500.0	148.519835	50.0	662730.0	0.29704	Y



10/18/2024
12:59:41 PM

Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

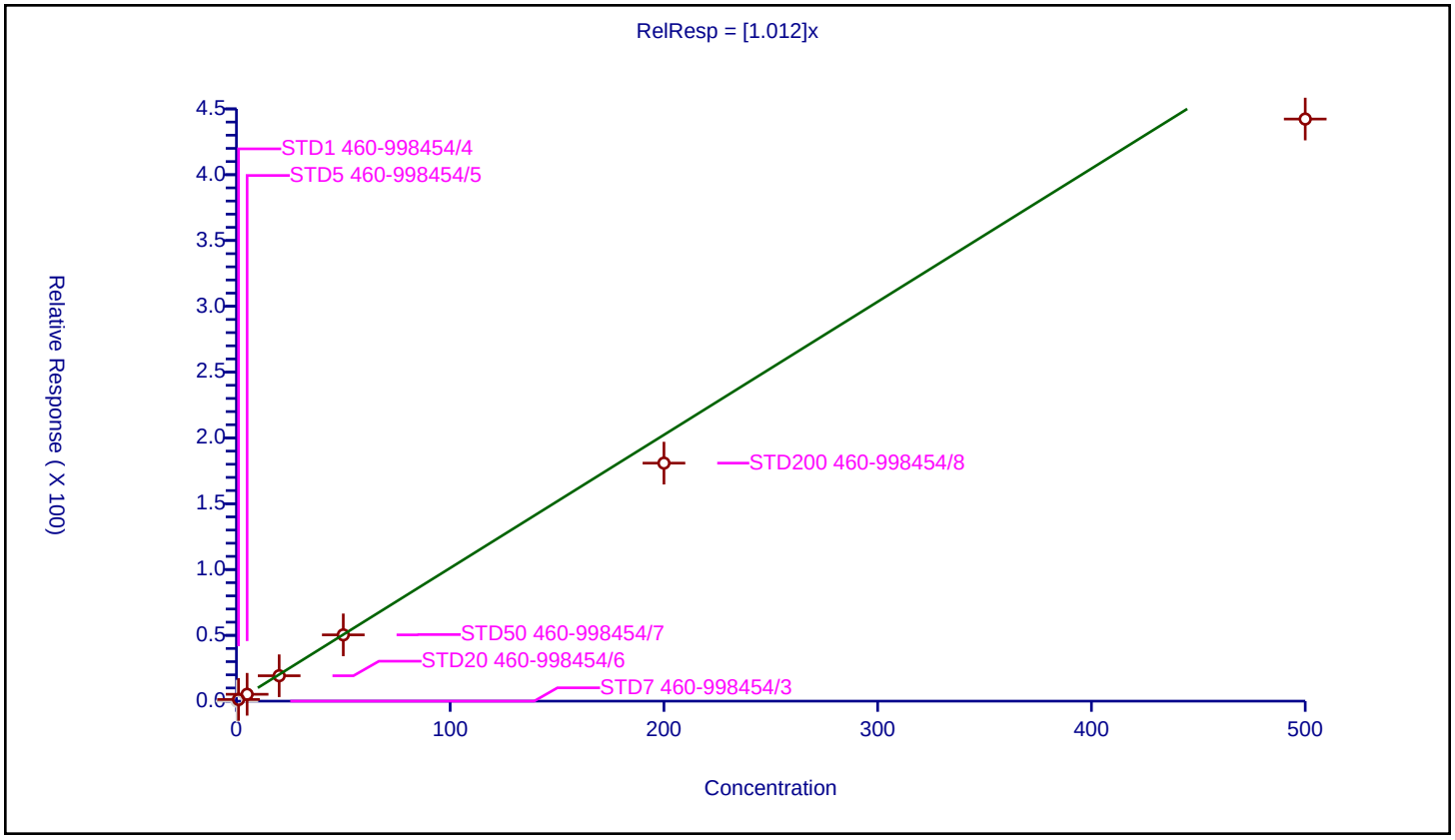
Curve Coefficients

Intercept:	0
Slope:	1.012

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	1.265838	50.0	467477.0	1.265838	Y
3	STD5 460-998454/5	5.0	5.218738	50.0	531824.0	1.043748	Y
4	STD20 460-998454/6	20.0	19.285912	50.0	545227.0	0.964296	Y
5	STD50 460-998454/7	50.0	50.357744	50.0	560037.0	1.007155	Y
6	STD200 460-998454/8	200.0	180.843084	50.0	598280.0	0.904215	Y
7	STD500 460-998454/9	500.0	442.287508	50.0	662730.0	0.884575	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

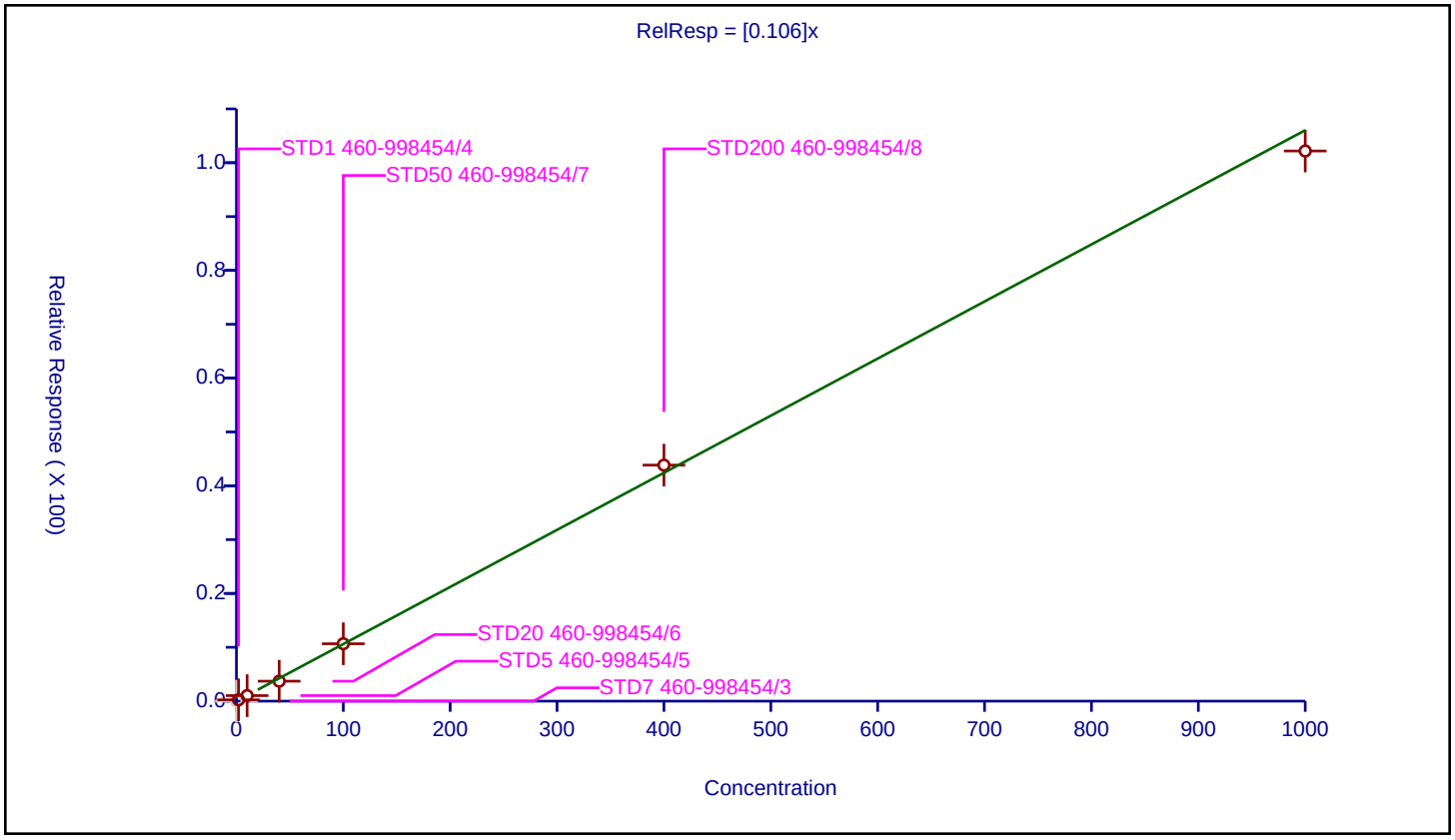
Curve Coefficients

Intercept:	0
Slope:	0.106

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	2.0	0.244932	50.0	467477.0	0.122466	Y
3	STD5 460-998454/5	10.0	1.026279	50.0	531824.0	0.102628	Y
4	STD20 460-998454/6	40.0	3.709739	50.0	545227.0	0.092743	Y
5	STD50 460-998454/7	100.0	10.658671	50.0	560037.0	0.106587	Y
6	STD200 460-998454/8	400.0	43.838504	50.0	598280.0	0.109596	Y
7	STD500 460-998454/9	1000.0	102.182563	50.0	662730.0	0.102183	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

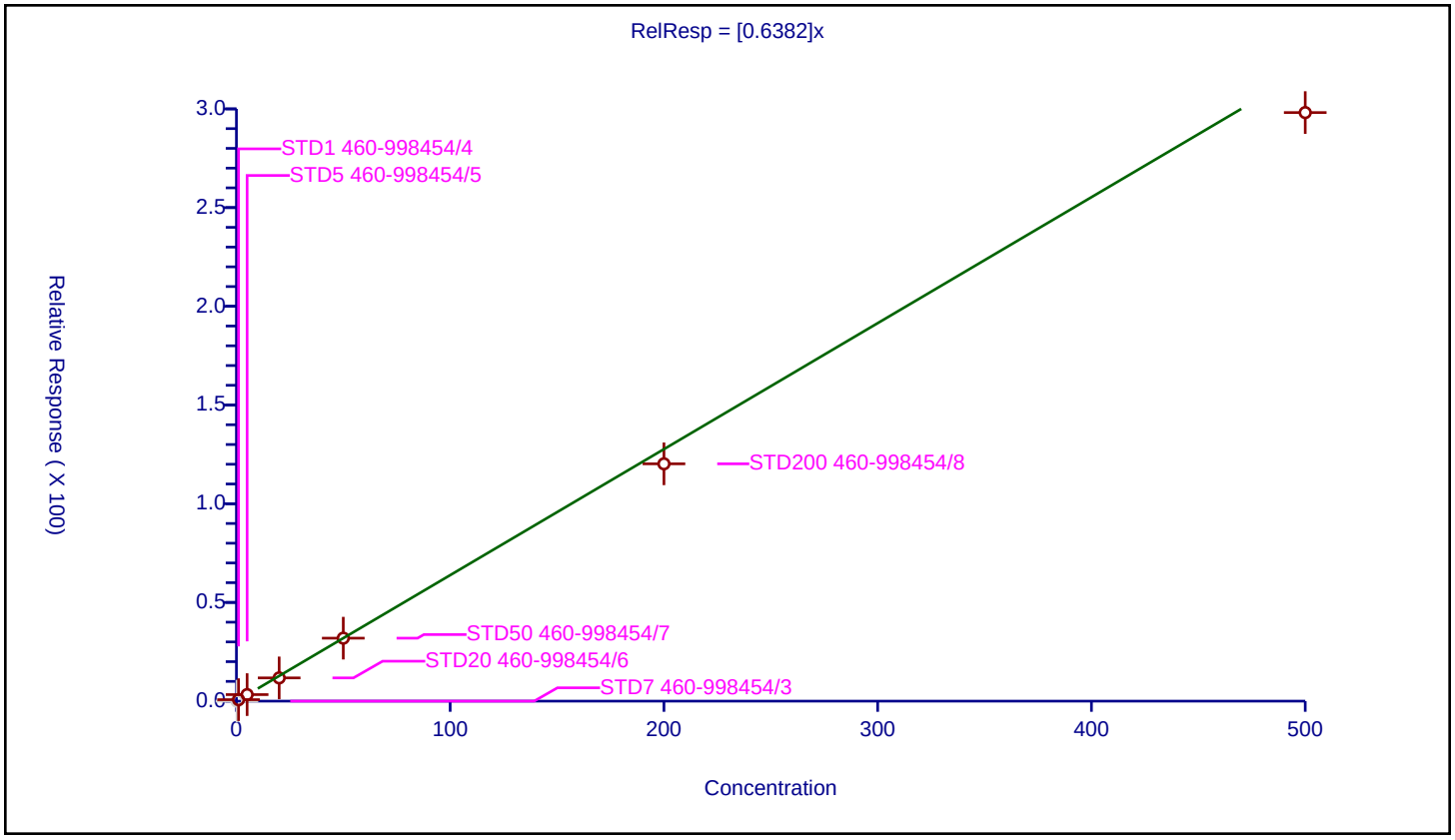
Curve Coefficients

Intercept:	0
Slope:	0.6382

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.25	0.0	50.0	506171.0	0.0	N
2	STD1 460-998454/4	1.0	0.743245	50.0	467477.0	0.743245	Y
3	STD5 460-998454/5	5.0	3.308801	50.0	531824.0	0.66176	Y
4	STD20 460-998454/6	20.0	11.775004	50.0	545227.0	0.58875	Y
5	STD50 460-998454/7	50.0	31.903606	50.0	560037.0	0.638072	Y
6	STD200 460-998454/8	200.0	120.21169	50.0	598280.0	0.601058	Y
7	STD500 460-998454/9	500.0	298.131366	50.0	662730.0	0.596263	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

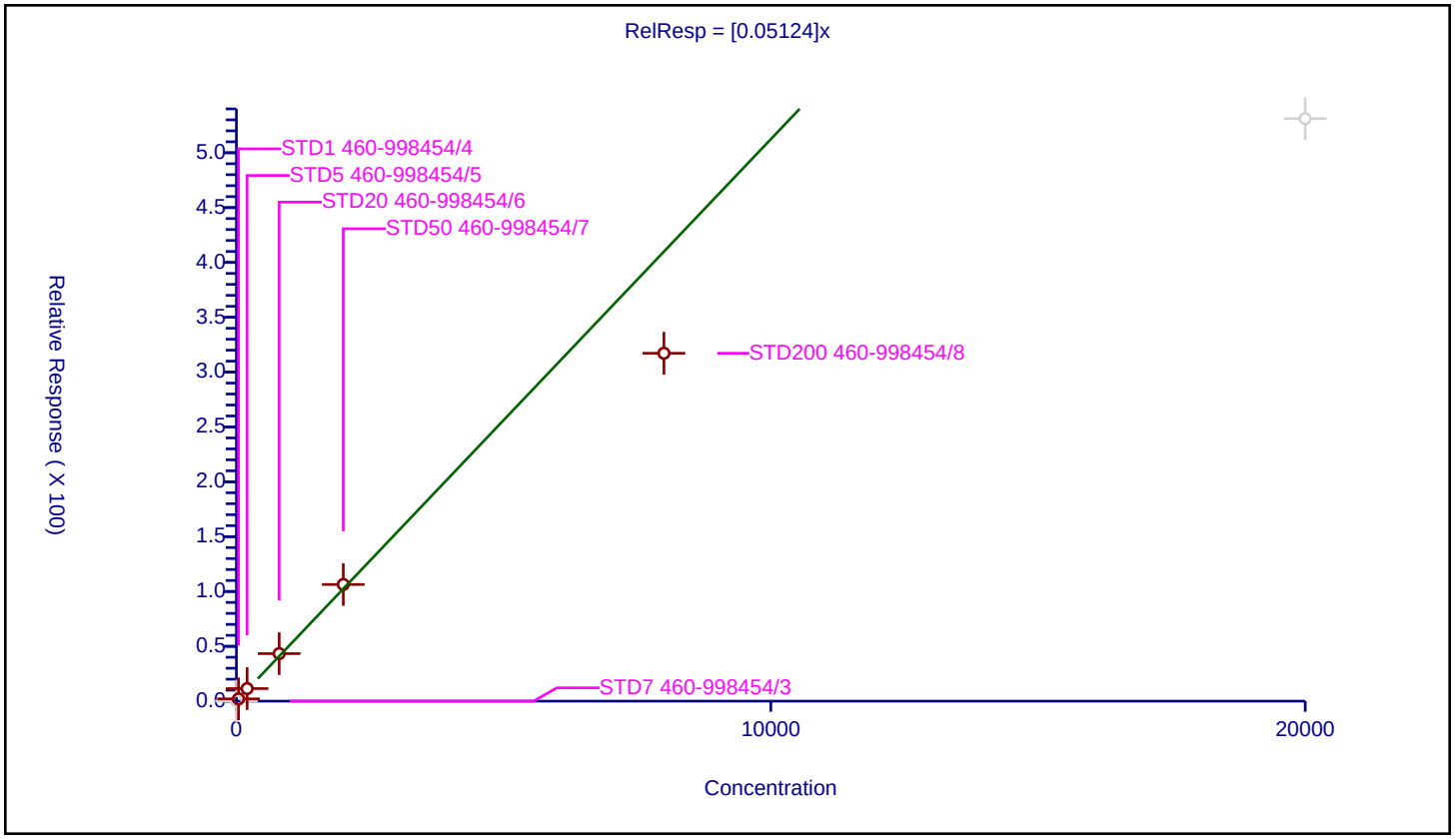
Curve Coefficients

Intercept:	0
Slope:	0.05124

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	40.0	2.077465	1000.0	335505.0	0.051937	Y
3	STD5 460-998454/5	200.0	11.444953	1000.0	412671.0	0.057225	Y
4	STD20 460-998454/6	800.0	43.346545	1000.0	395118.0	0.054183	Y
5	STD50 460-998454/7	2000.0	106.387554	1000.0	423198.0	0.053194	Y
6	STD200 460-998454/8	8000.0	317.182588	1000.0	569757.0	0.039648	Y
7	STD500 460-998454/9	20000.0	531.110148	1000.0	860507.0	0.026556	N



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

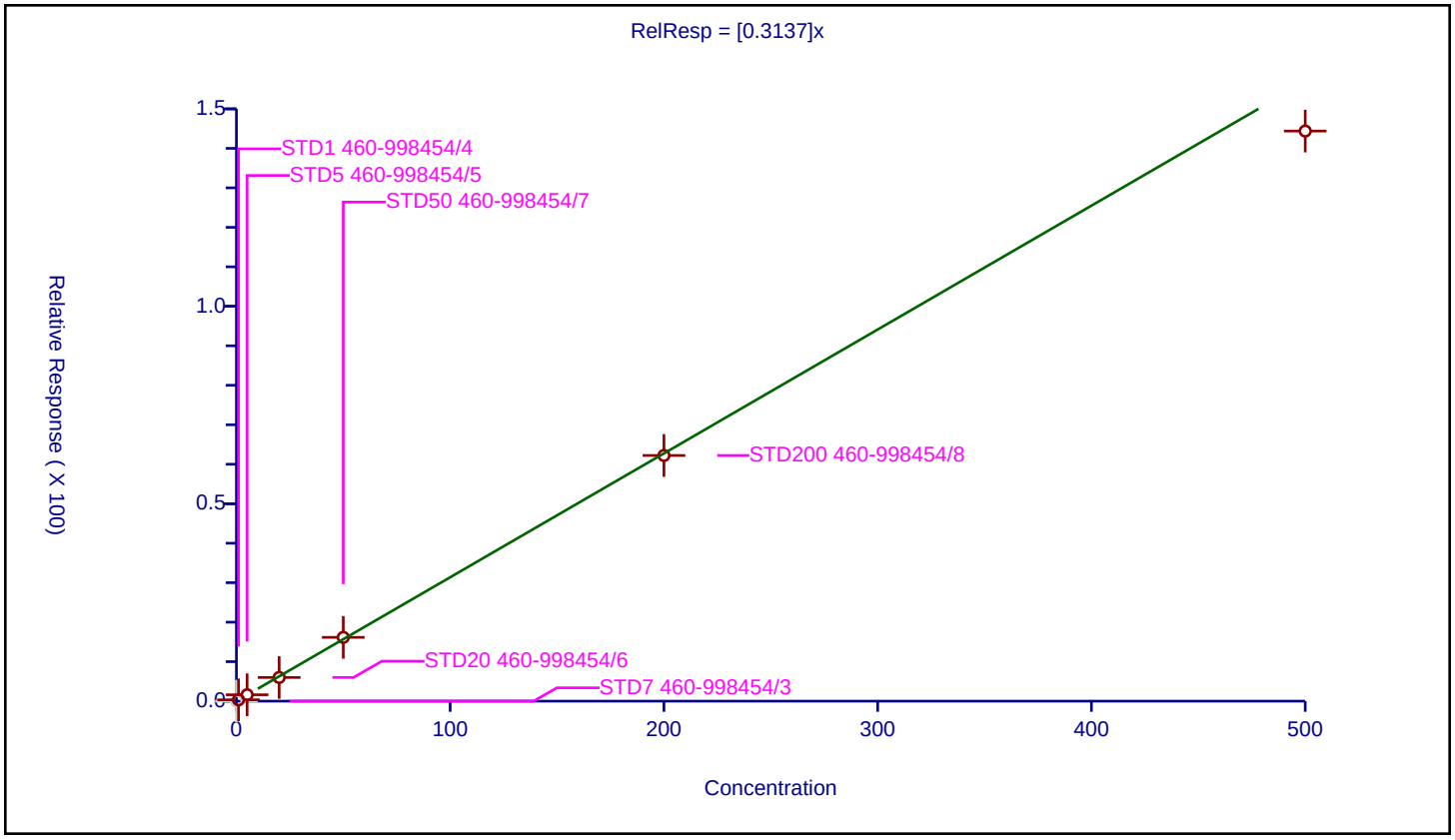
Curve Coefficients

Intercept:	0
Slope:	0.3137

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.336594	50.0	467477.0	0.336594	Y
3	STD5 460-998454/5	5.0	1.615196	50.0	531824.0	0.323039	Y
4	STD20 460-998454/6	20.0	5.996035	50.0	545227.0	0.299802	Y
5	STD50 460-998454/7	50.0	16.15545	50.0	560037.0	0.323109	Y
6	STD200 460-998454/8	200.0	62.217941	50.0	598280.0	0.31109	Y
7	STD500 460-998454/9	500.0	144.384666	50.0	662730.0	0.288769	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

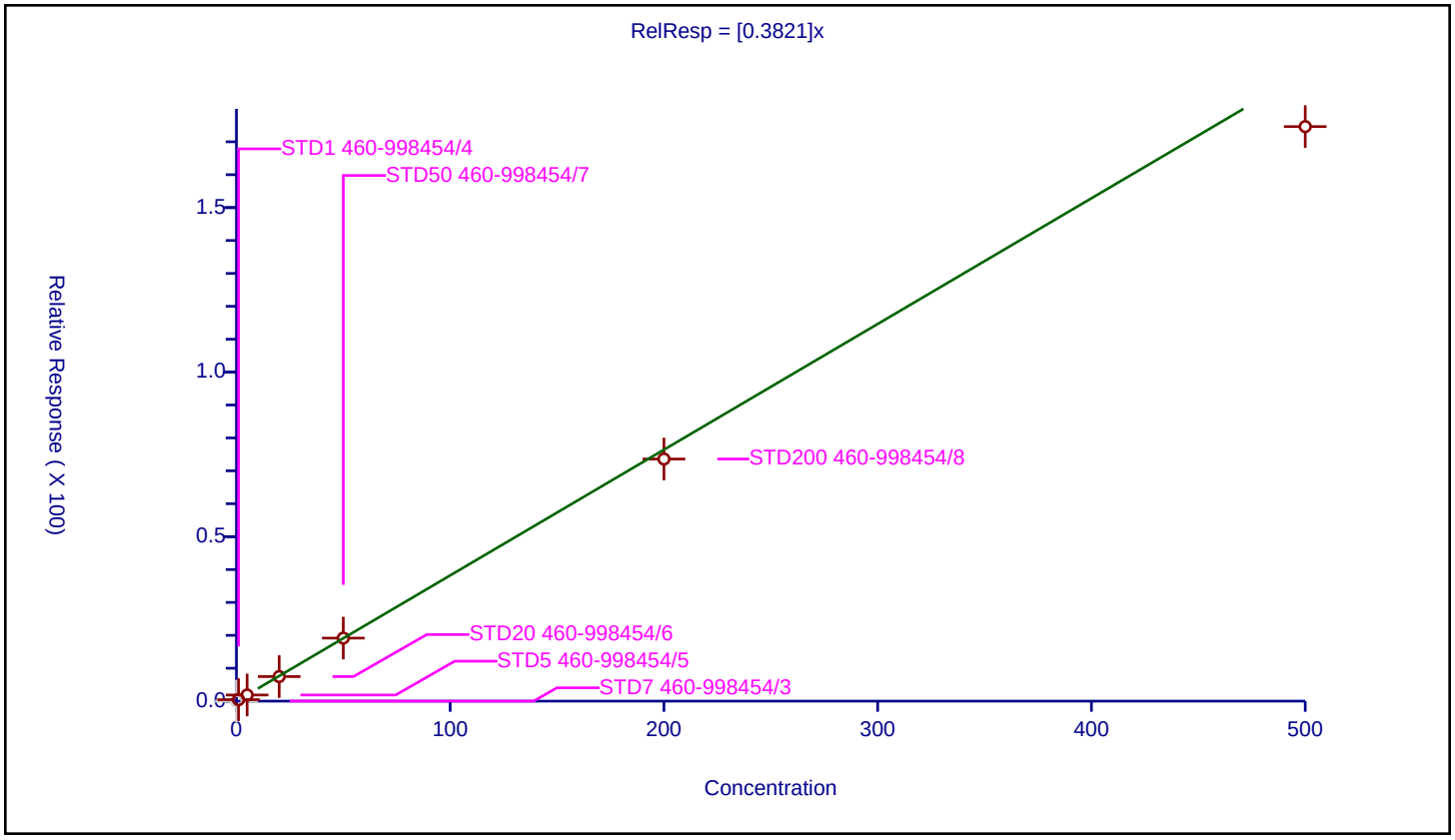
Curve Coefficients

Intercept:	0
Slope:	0.3821

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.446118	50.0	467477.0	0.446118	Y
3	STD5 460-998454/5	5.0	1.86368	50.0	531824.0	0.372736	Y
4	STD20 460-998454/6	20.0	7.468999	50.0	545227.0	0.37345	Y
5	STD50 460-998454/7	50.0	19.153913	50.0	560037.0	0.383078	Y
6	STD200 460-998454/8	200.0	73.583356	50.0	598280.0	0.367917	Y
7	STD500 460-998454/9	500.0	174.620509	50.0	662730.0	0.349241	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

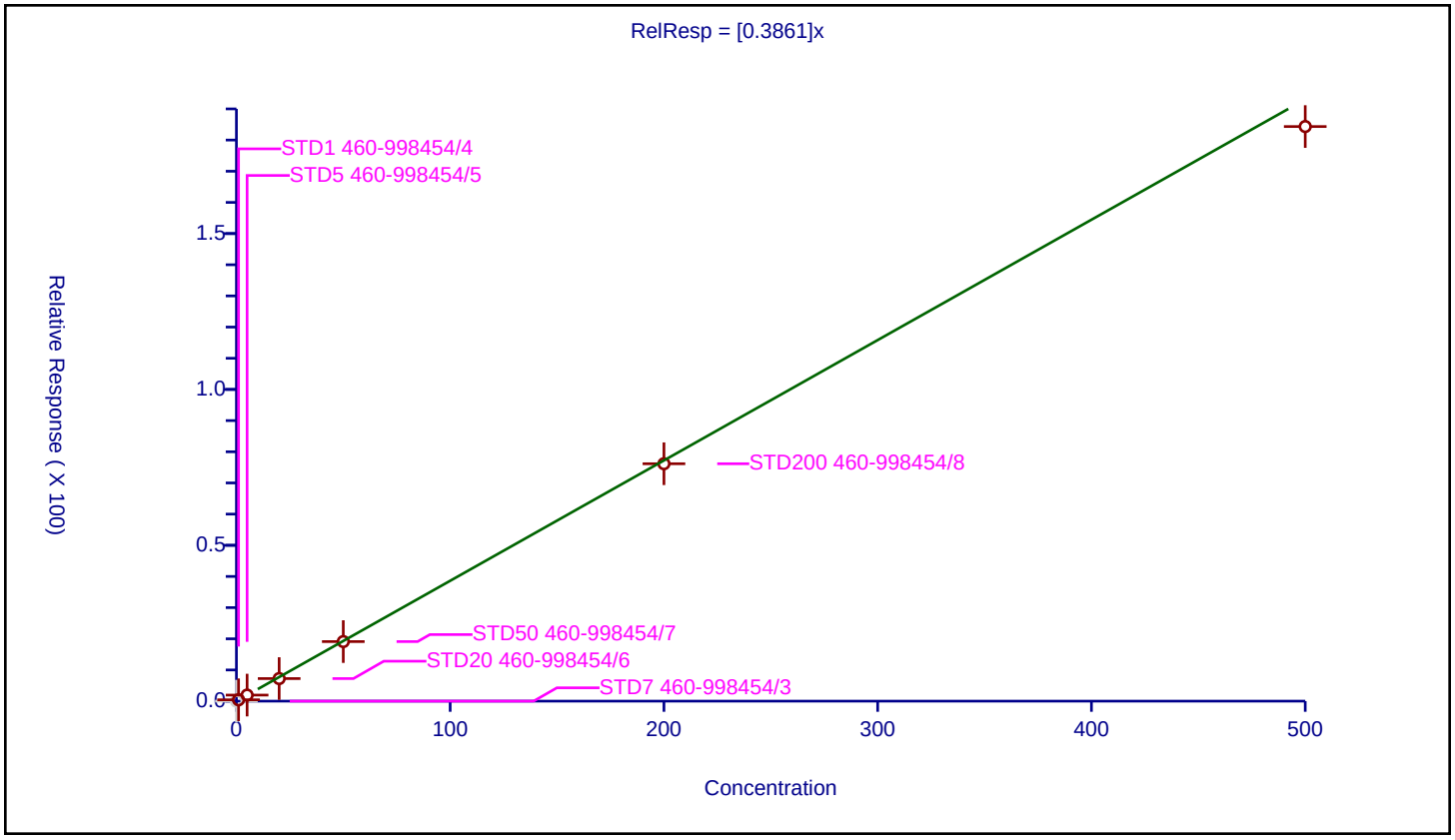
Curve Coefficients

Intercept:	0
Slope:	0.3861

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.434139	50.0	467477.0	0.434139	Y
3	STD5 460-998454/5	5.0	1.942748	50.0	531824.0	0.38855	Y
4	STD20 460-998454/6	20.0	7.244964	50.0	545227.0	0.362248	Y
5	STD50 460-998454/7	50.0	19.110969	50.0	560037.0	0.382219	Y
6	STD200 460-998454/8	200.0	76.162081	50.0	598280.0	0.38081	Y
7	STD500 460-998454/9	500.0	184.335627	50.0	662730.0	0.368671	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

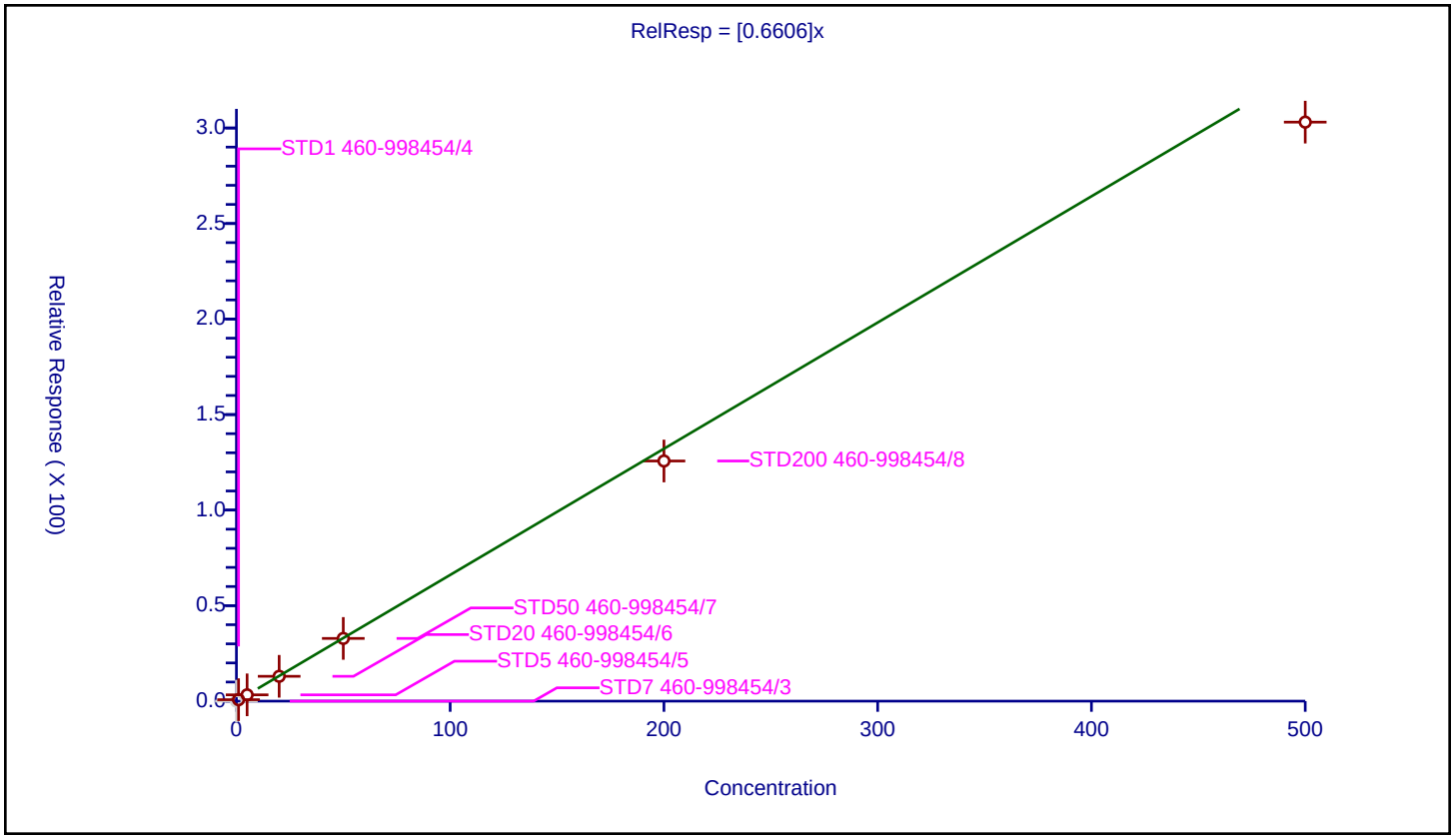
Curve Coefficients

Intercept:	0
Slope:	0.6606

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.76239	50.0	467477.0	0.76239	Y
3	STD5 460-998454/5	5.0	3.298366	50.0	531824.0	0.659673	Y
4	STD20 460-998454/6	20.0	13.0033	50.0	545227.0	0.650165	Y
5	STD50 460-998454/7	50.0	32.82542	50.0	560037.0	0.656508	Y
6	STD200 460-998454/8	200.0	125.702012	50.0	598280.0	0.62851	Y
7	STD500 460-998454/9	500.0	303.064295	50.0	662730.0	0.606129	Y



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Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

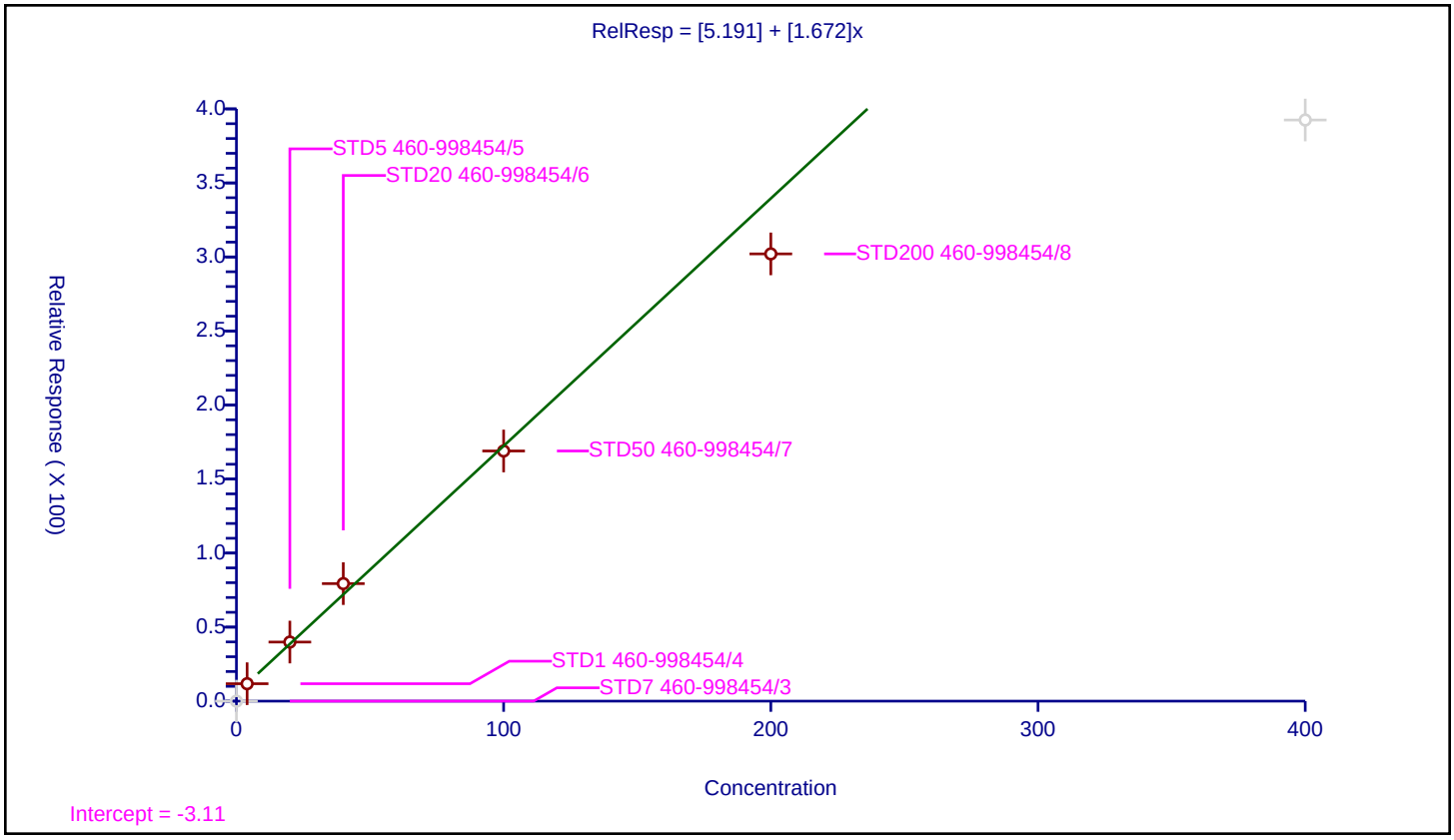
Curve Coefficients

Intercept:	5.191
Slope:	1.672

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	4.0	11.773297	1000.0	335505.0	2.943324	Y
3	STD5 460-998454/5	20.0	39.905881	1000.0	412671.0	1.995294	Y
4	STD20 460-998454/6	40.0	79.376288	1000.0	395118.0	1.984407	Y
5	STD50 460-998454/7	100.0	168.949286	1000.0	423198.0	1.689493	Y
6	STD200 460-998454/8	200.0	302.062107	1000.0	569757.0	1.510311	Y
7	STD500 460-998454/9	400.0	392.504651	1000.0	860507.0	0.981262	N



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

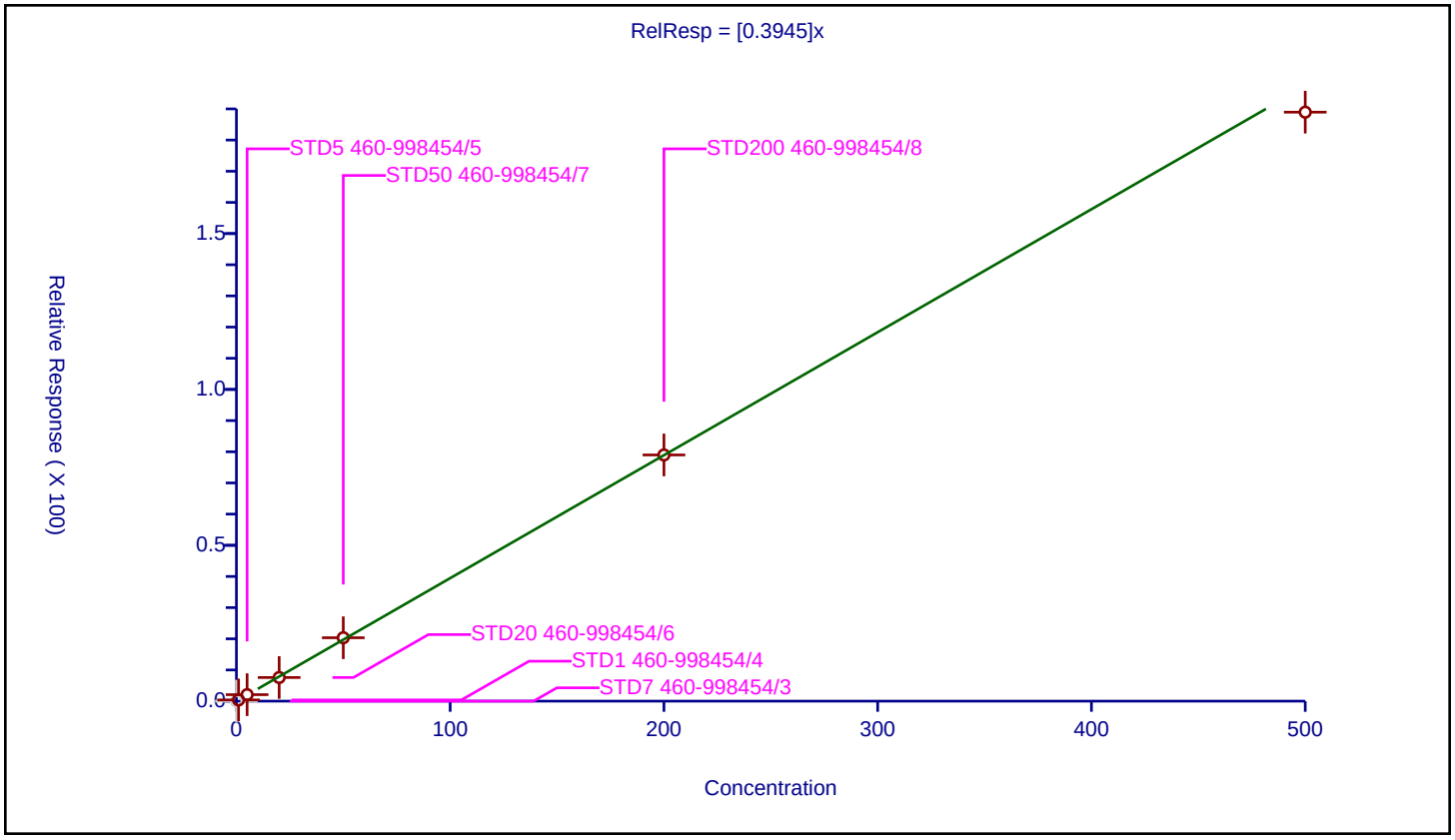
Curve Coefficients

Intercept:	0
Slope:	0.3945

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.391784	50.0	467477.0	0.391784	Y
3	STD5 460-998454/5	5.0	2.083396	50.0	531824.0	0.416679	Y
4	STD20 460-998454/6	20.0	7.580237	50.0	545227.0	0.379012	Y
5	STD50 460-998454/7	50.0	20.336781	50.0	560037.0	0.406736	Y
6	STD200 460-998454/8	200.0	78.979575	50.0	598280.0	0.394898	Y
7	STD500 460-998454/9	500.0	188.948742	50.0	662730.0	0.377897	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

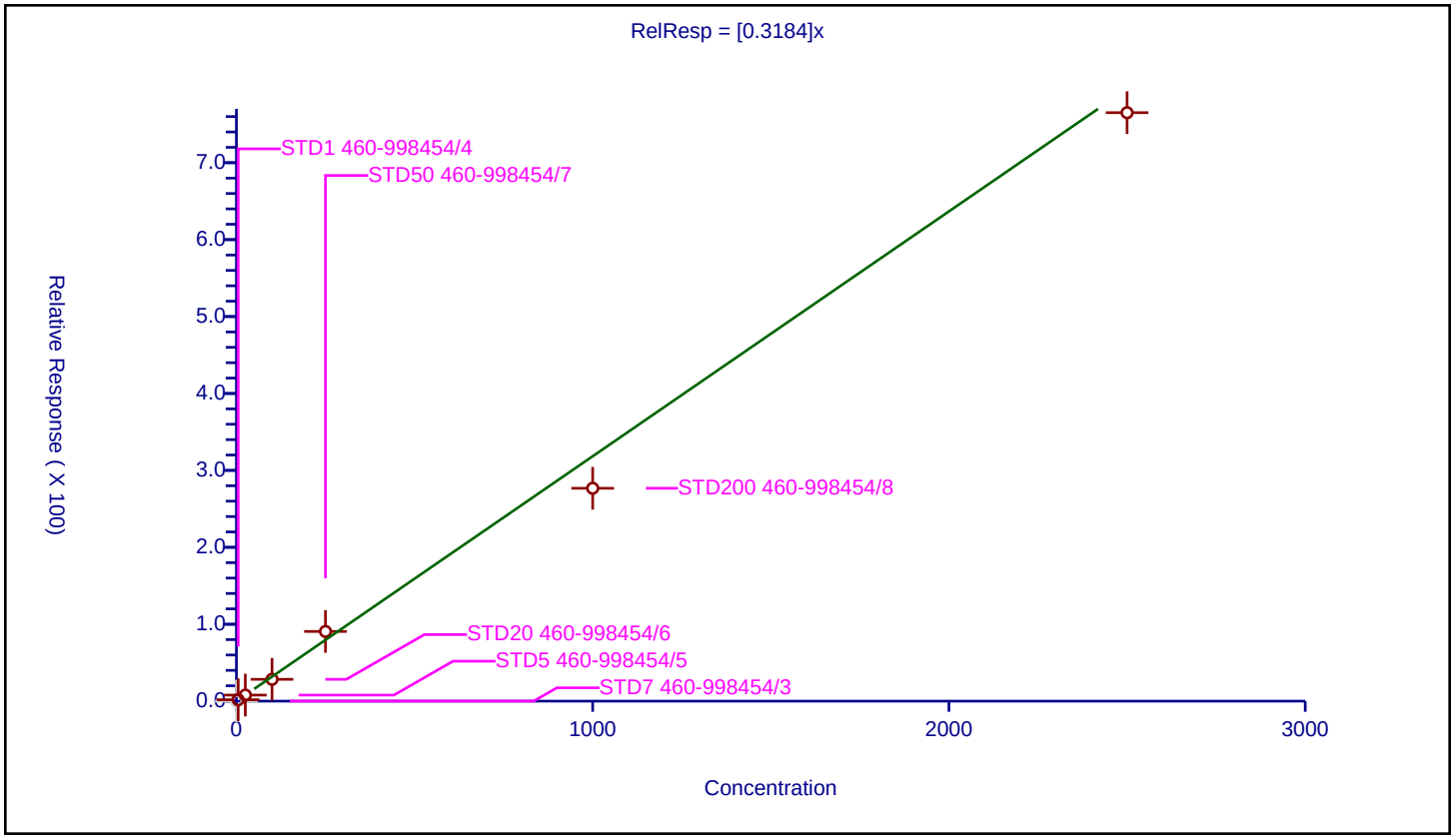
Curve Coefficients

Intercept:	0
Slope:	0.3184

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	5.0	1.82816	250.0	279516.0	0.365632	Y
3	STD5 460-998454/5	25.0	7.893333	250.0	322424.0	0.315733	Y
4	STD20 460-998454/6	100.0	28.367728	250.0	327617.0	0.283677	Y
5	STD50 460-998454/7	250.0	90.599302	250.0	325662.0	0.362397	Y
6	STD200 460-998454/8	1000.0	276.755166	250.0	363883.0	0.276755	Y
7	STD500 460-998454/9	2500.0	765.088914	250.0	406010.0	0.306036	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

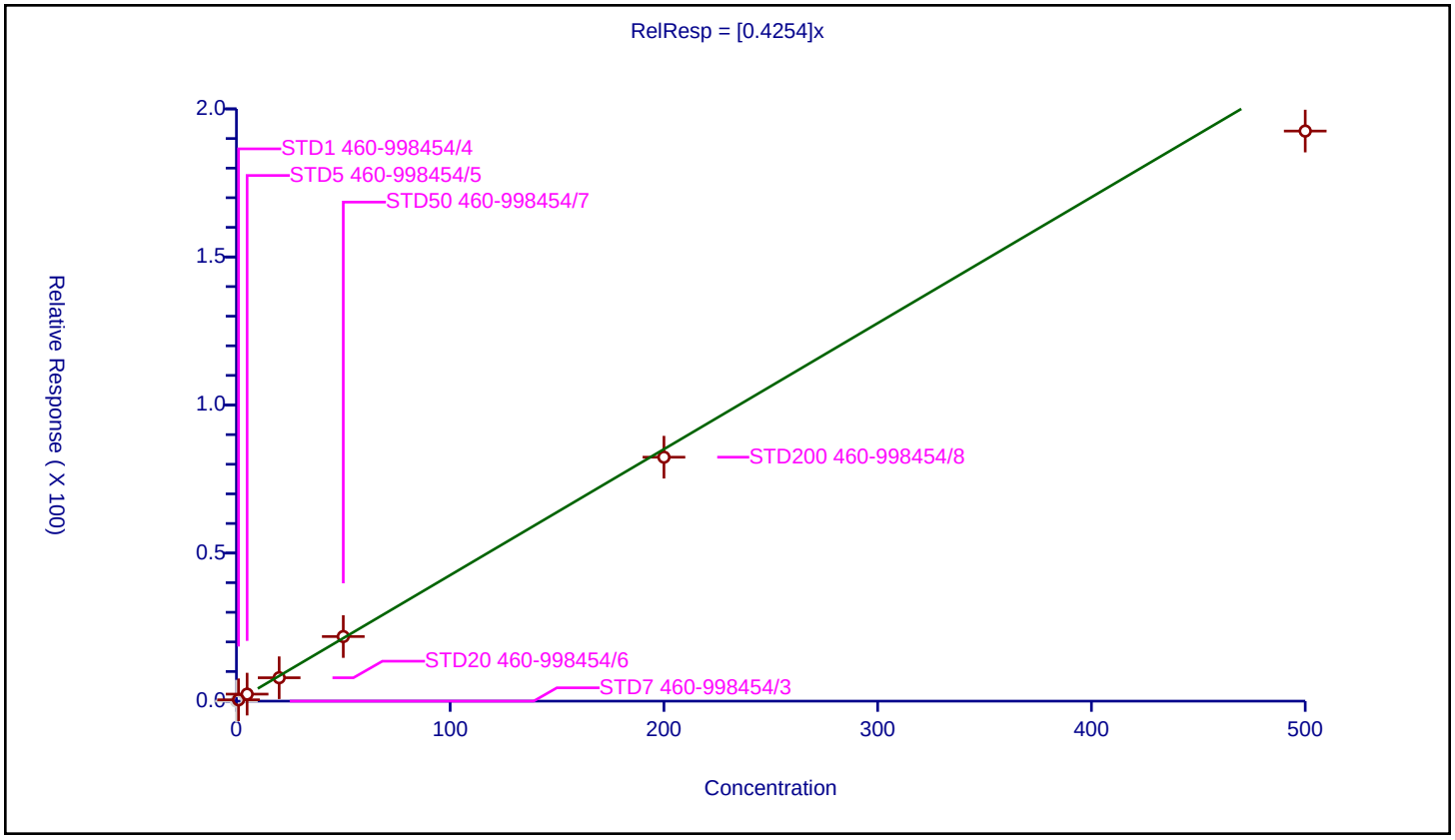
Curve Coefficients

Intercept:	0
Slope:	0.4254

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.451252	50.0	467477.0	0.451252	Y
3	STD5 460-998454/5	5.0	2.36629	50.0	531824.0	0.473258	Y
4	STD20 460-998454/6	20.0	7.899462	50.0	545227.0	0.394973	Y
5	STD50 460-998454/7	50.0	21.811684	50.0	560037.0	0.436234	Y
6	STD200 460-998454/8	200.0	82.38141	50.0	598280.0	0.411907	Y
7	STD500 460-998454/9	500.0	192.51739	50.0	662730.0	0.385035	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

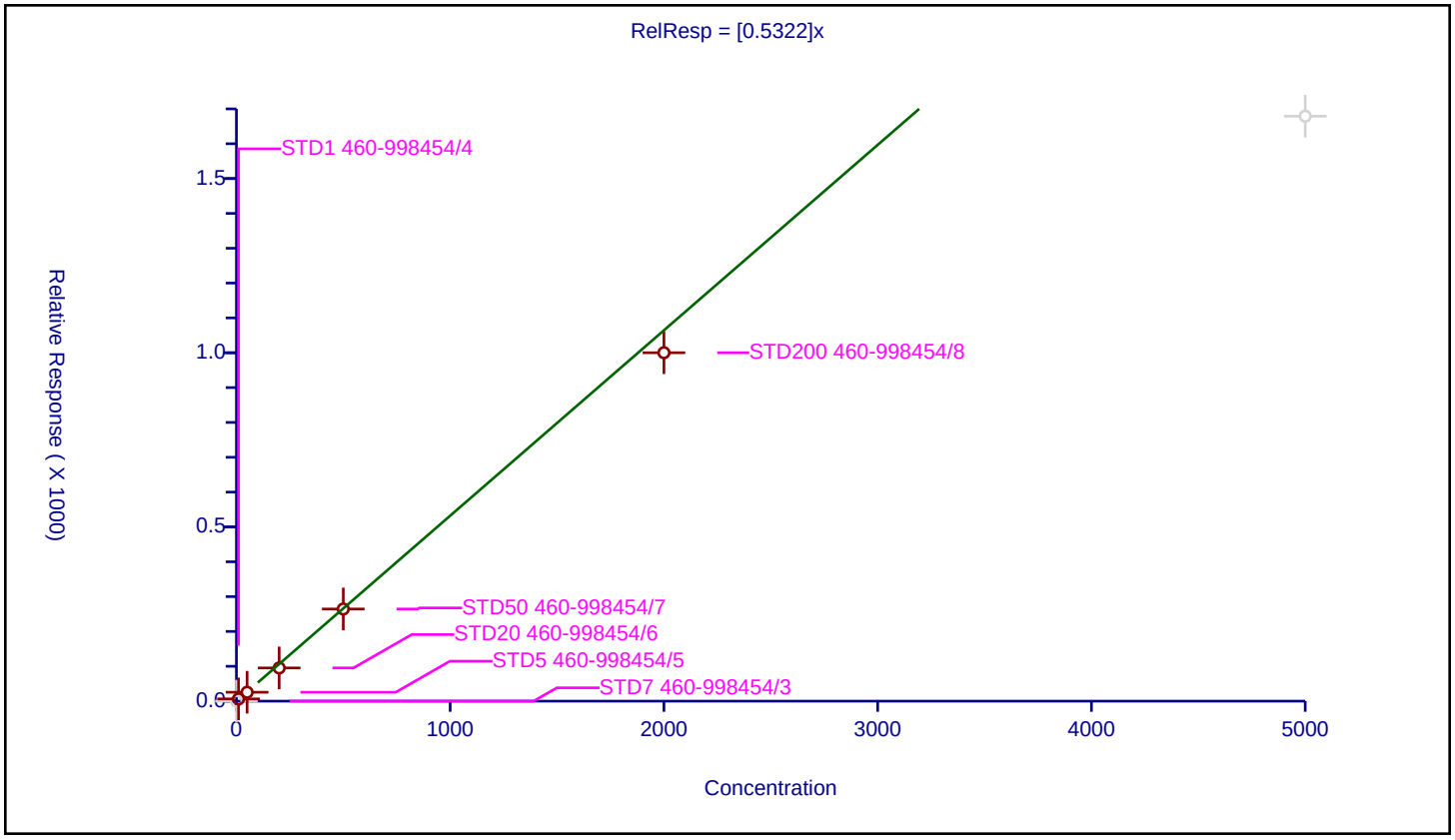
Curve Coefficients

Intercept:	0
Slope:	0.5322

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	10.0	6.449978	1000.0	335505.0	0.644998	Y
3	STD5 460-998454/5	50.0	25.523965	1000.0	412671.0	0.510479	Y
4	STD20 460-998454/6	200.0	95.310768	1000.0	395118.0	0.476554	Y
5	STD50 460-998454/7	500.0	264.493216	1000.0	423198.0	0.528986	Y
6	STD200 460-998454/8	2000.0	1000.117594	1000.0	569757.0	0.500059	Y
7	STD500 460-998454/9	5000.0	1679.005517	1000.0	860507.0	0.335801	N



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

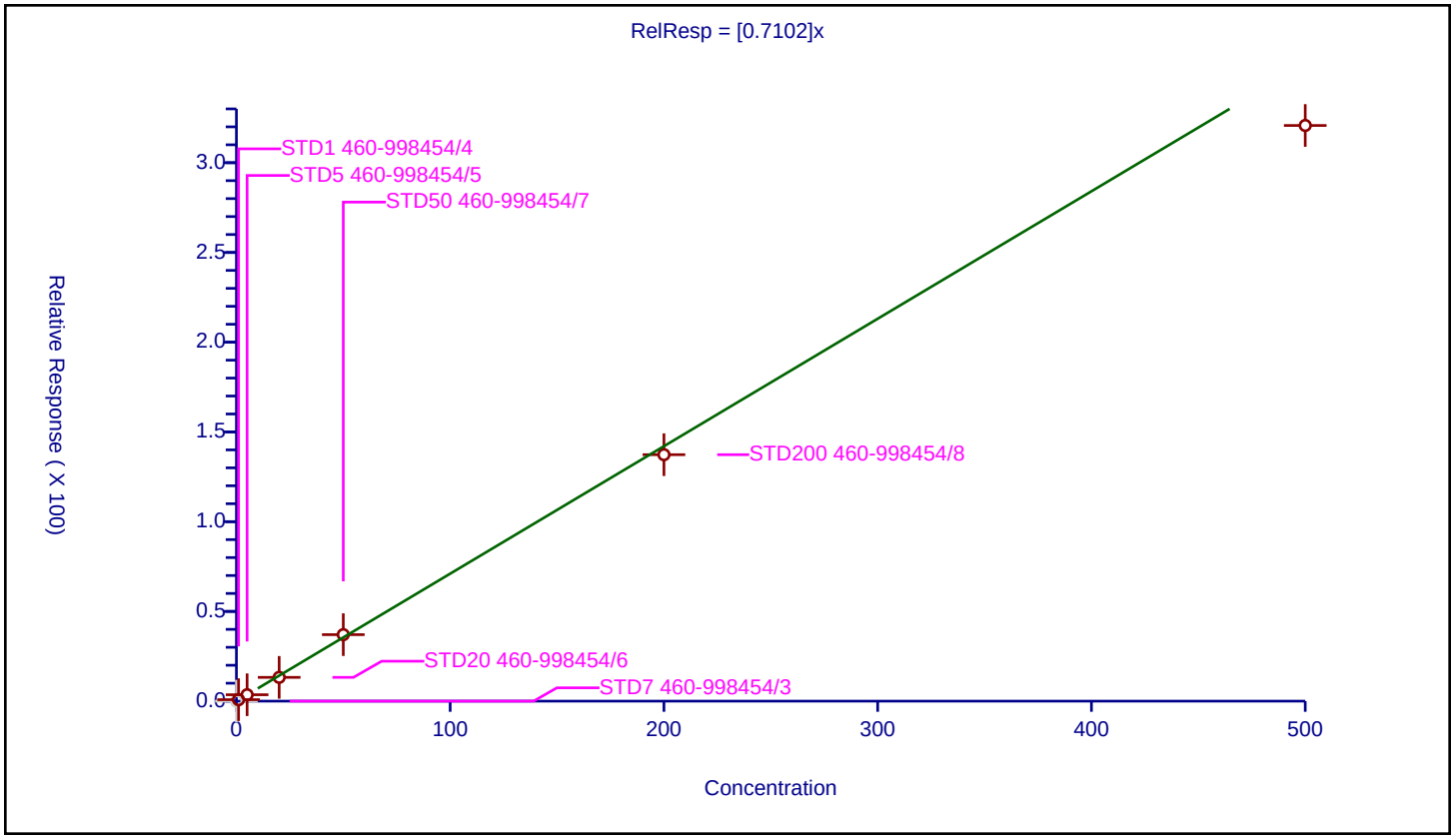
Curve Coefficients

Intercept:	0
Slope:	0.7102

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.816511	50.0	467477.0	0.816511	Y
3	STD5 460-998454/5	5.0	3.565653	50.0	531824.0	0.713131	Y
4	STD20 460-998454/6	20.0	13.250444	50.0	545227.0	0.662522	Y
5	STD50 460-998454/7	50.0	37.051391	50.0	560037.0	0.741028	Y
6	STD200 460-998454/8	200.0	137.328341	50.0	598280.0	0.686642	Y
7	STD500 460-998454/9	500.0	320.755436	50.0	662730.0	0.641511	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

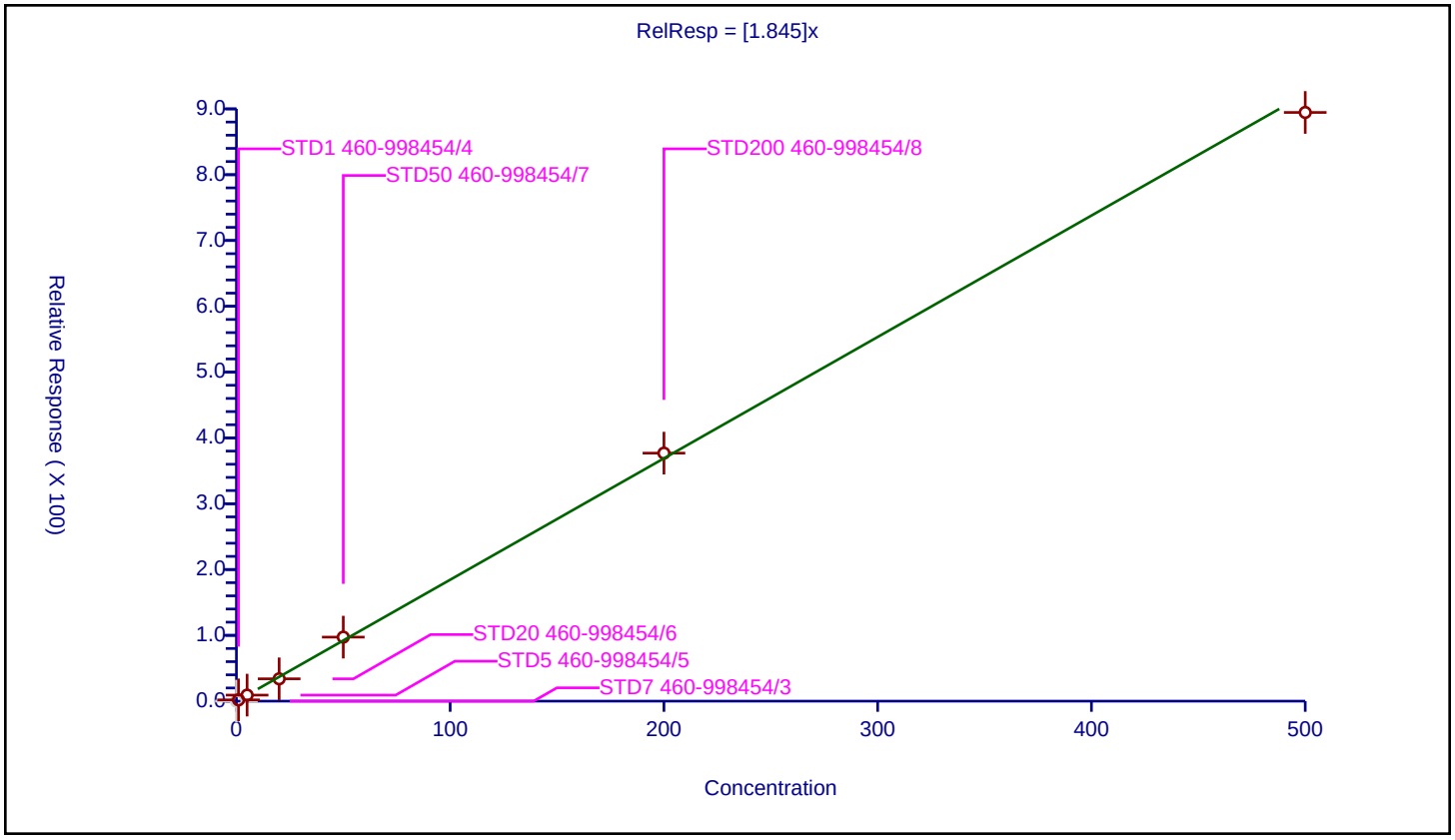
Curve Coefficients

Intercept:	0
Slope:	1.845

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.915495	50.0	467477.0	1.915495	Y
3	STD5 460-998454/5	5.0	9.183113	50.0	531824.0	1.836623	Y
4	STD20 460-998454/6	20.0	33.94687	50.0	545227.0	1.697343	Y
5	STD50 460-998454/7	50.0	97.271341	50.0	560037.0	1.945427	Y
6	STD200 460-998454/8	200.0	376.872117	50.0	598280.0	1.884361	Y
7	STD500 460-998454/9	500.0	894.556531	50.0	662730.0	1.789113	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

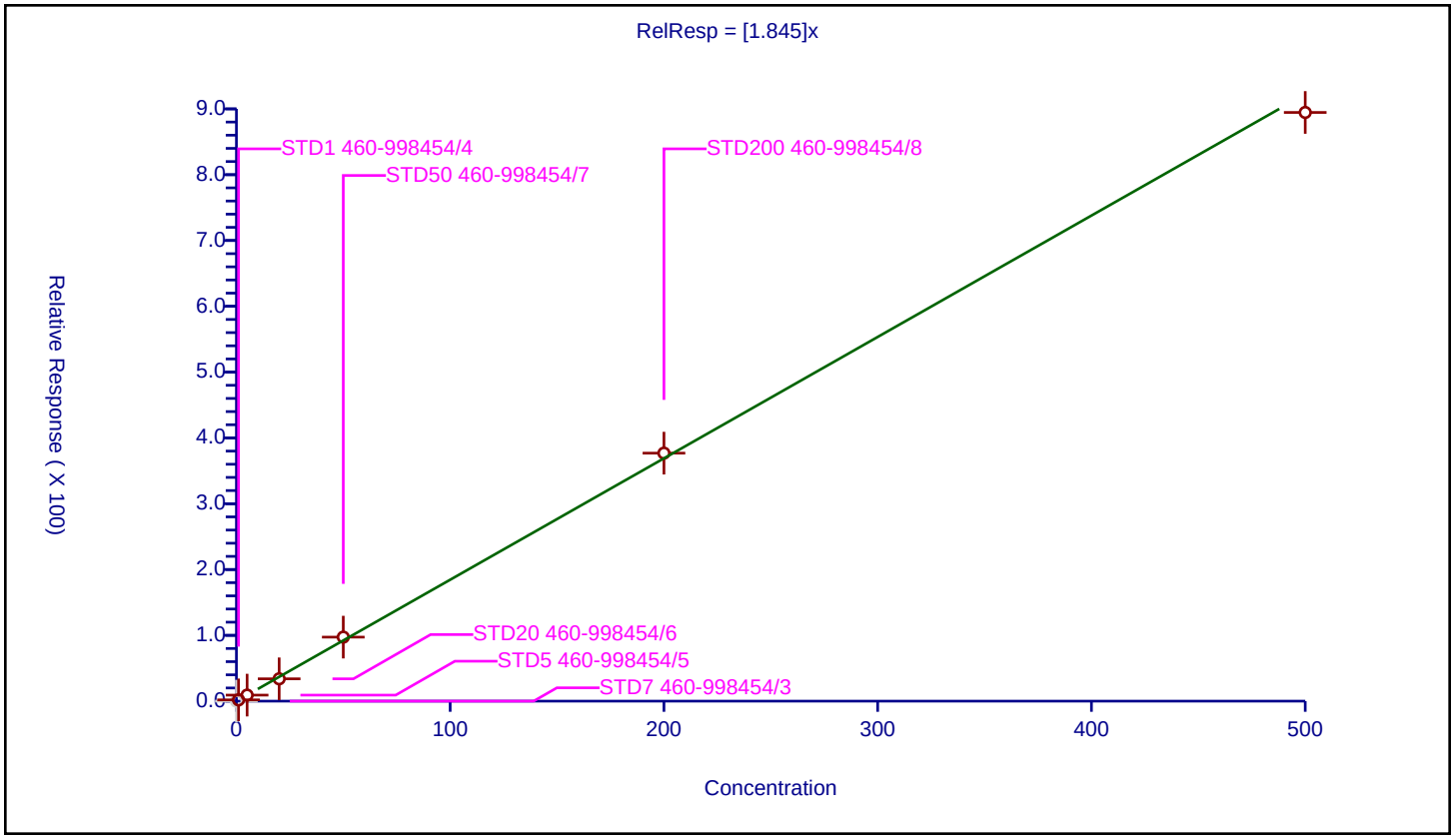
Curve Coefficients

Intercept:	0
Slope:	1.845

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.915495	50.0	467477.0	1.915495	Y
3	STD5 460-998454/5	5.0	9.183113	50.0	531824.0	1.836623	Y
4	STD20 460-998454/6	20.0	33.94687	50.0	545227.0	1.697343	Y
5	STD50 460-998454/7	50.0	97.271341	50.0	560037.0	1.945427	Y
6	STD200 460-998454/8	200.0	376.872117	50.0	598280.0	1.884361	Y
7	STD500 460-998454/9	500.0	894.556531	50.0	662730.0	1.789113	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

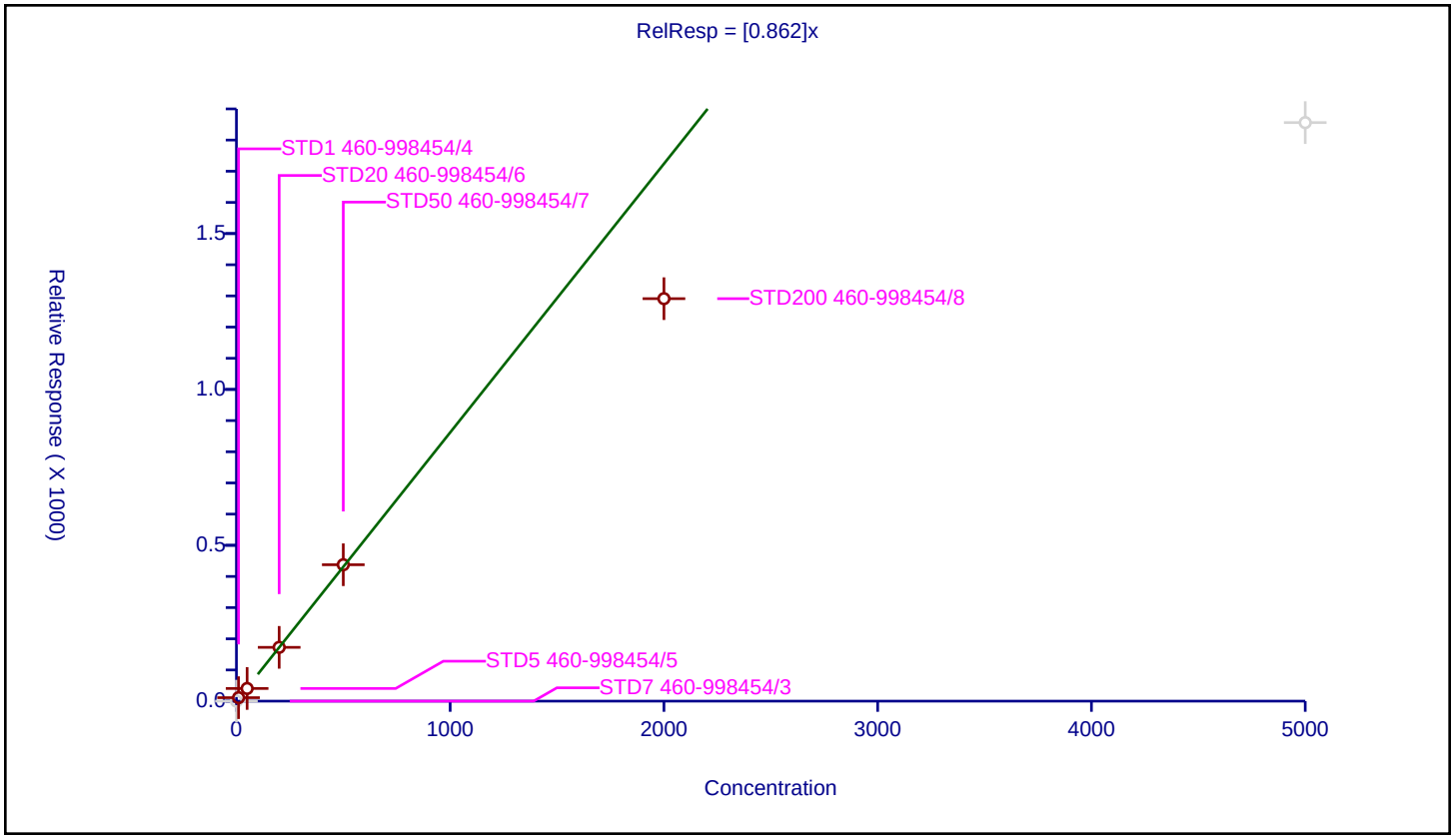
Curve Coefficients

Intercept:	0
Slope:	0.862

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	10.0	11.138433	1000.0	335505.0	1.113843	Y
3	STD5 460-998454/5	50.0	40.618313	1000.0	412671.0	0.812366	Y
4	STD20 460-998454/6	200.0	172.561108	1000.0	395118.0	0.862806	Y
5	STD50 460-998454/7	500.0	437.610764	1000.0	423198.0	0.875222	Y
6	STD200 460-998454/8	2000.0	1291.171499	1000.0	569757.0	0.645586	Y
7	STD500 460-998454/9	5000.0	1855.957011	1000.0	860507.0	0.371191	N



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

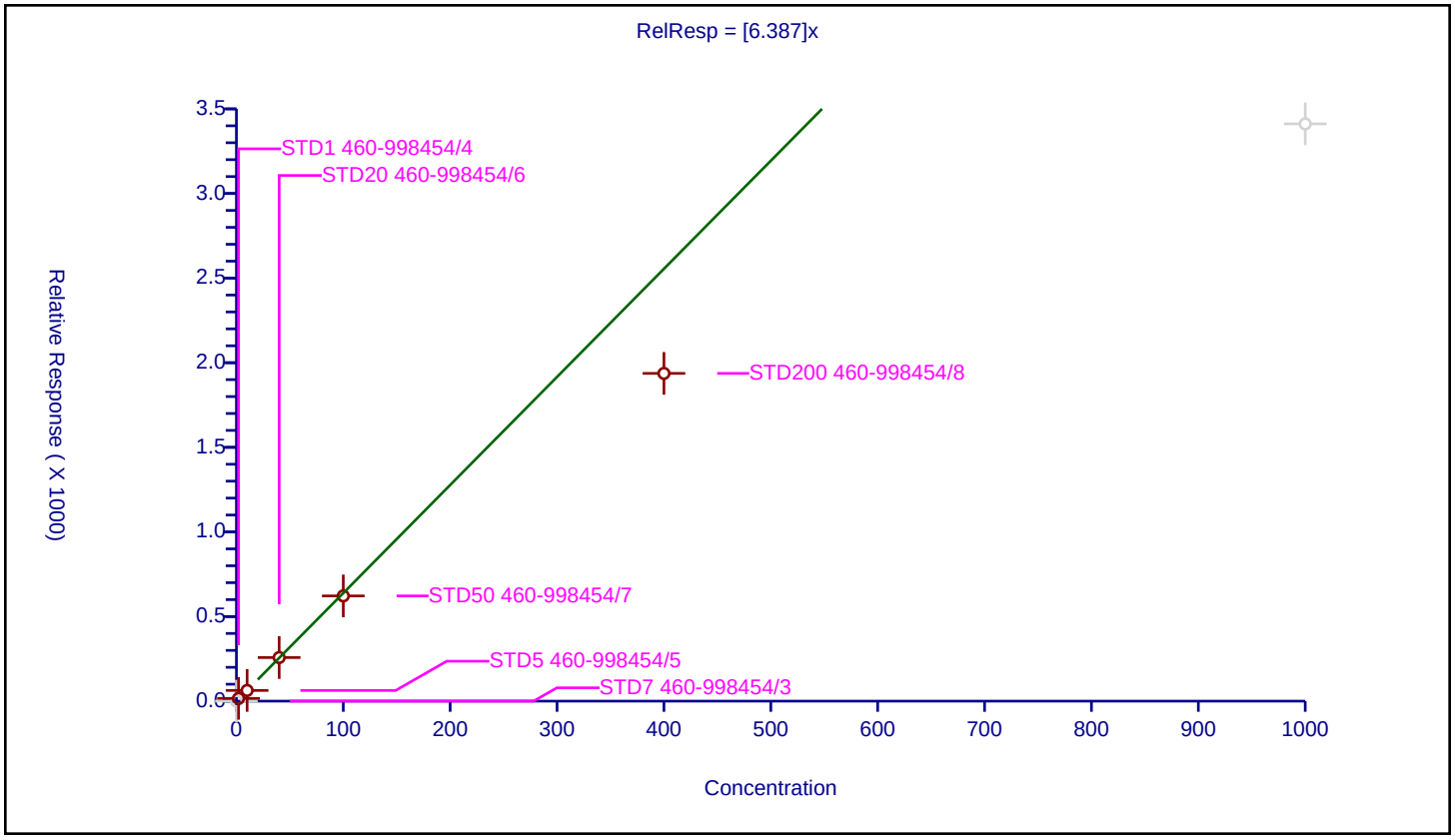
Curve Coefficients

Intercept:	0
Slope:	6.387

Error Coefficients

Relative Standard Deviation:	18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	2.0	16.232247	1000.0	335505.0	8.116123	Y
3	STD5 460-998454/5	10.0	63.2247	1000.0	412671.0	6.32247	Y
4	STD20 460-998454/6	40.0	257.518007	1000.0	395118.0	6.43795	Y
5	STD50 460-998454/7	100.0	621.753884	1000.0	423198.0	6.217539	Y
6	STD200 460-998454/8	400.0	1936.792352	1000.0	569757.0	4.841981	Y
7	STD500 460-998454/9	1000.0	3411.344707	1000.0	860507.0	3.411345	N



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

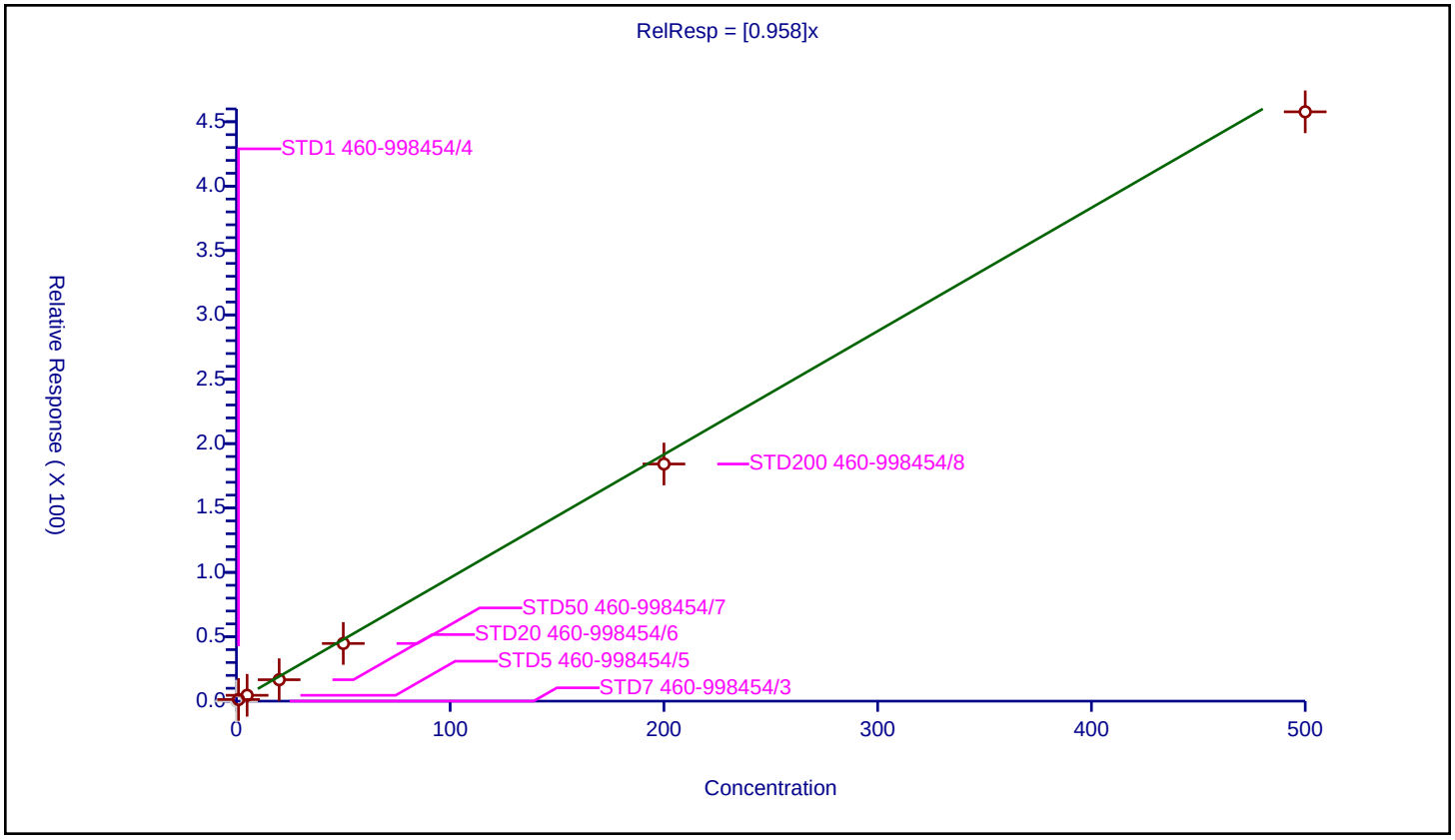
Curve Coefficients

Intercept:	0
Slope:	0.958

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.273539	50.0	467477.0	1.273539	Y
3	STD5 460-998454/5	5.0	4.548497	50.0	531824.0	0.909699	Y
4	STD20 460-998454/6	20.0	16.649671	50.0	545227.0	0.832484	Y
5	STD50 460-998454/7	50.0	44.790255	50.0	560037.0	0.895805	Y
6	STD200 460-998454/8	200.0	184.18717	50.0	598280.0	0.920936	Y
7	STD500 460-998454/9	500.0	457.732033	50.0	662730.0	0.915464	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

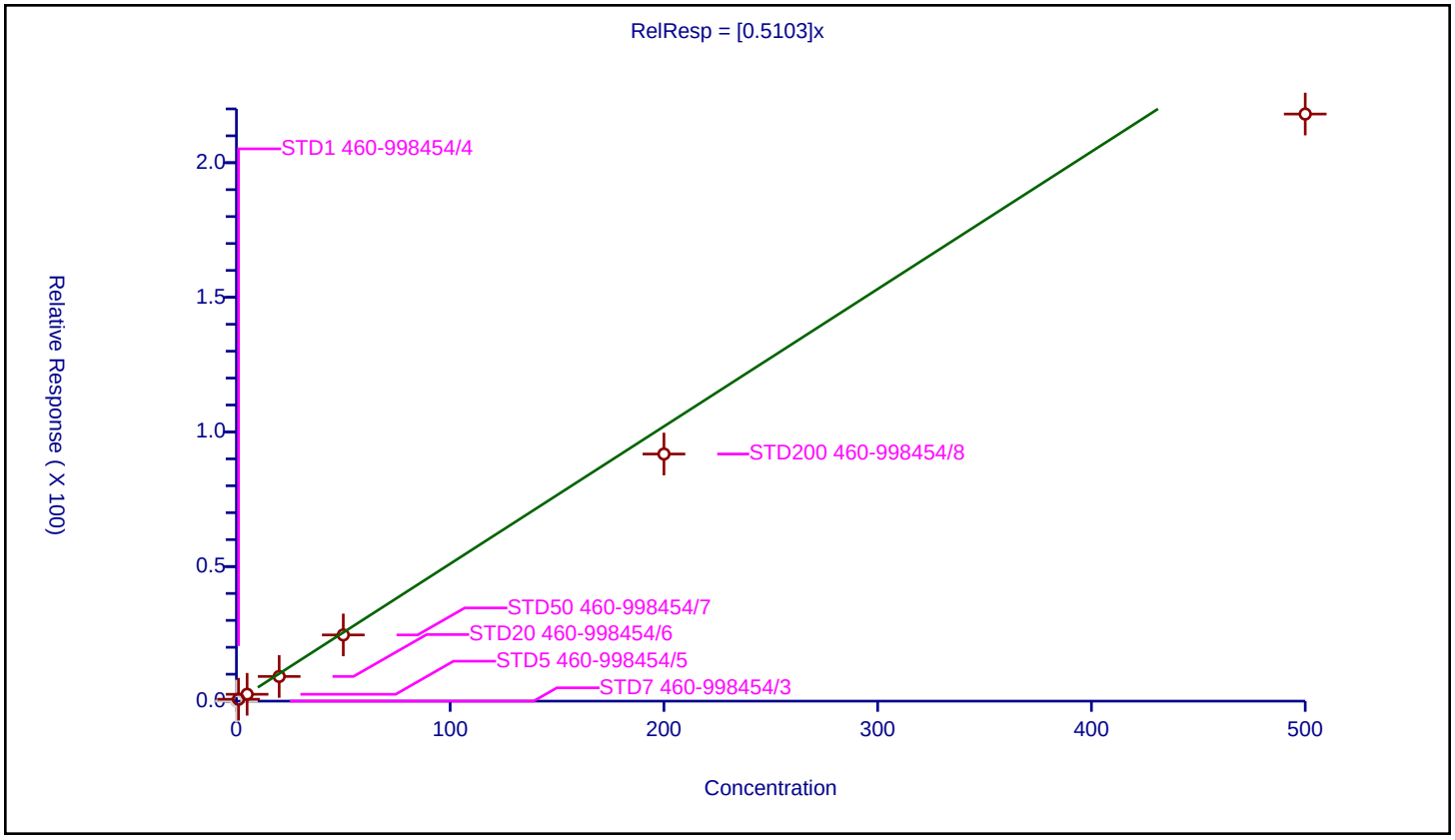
Curve Coefficients

Intercept:	0
Slope:	0.5103

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.706773	50.0	467477.0	0.706773	Y
3	STD5 460-998454/5	5.0	2.548588	50.0	531824.0	0.509718	Y
4	STD20 460-998454/6	20.0	9.163248	50.0	545227.0	0.458162	Y
5	STD50 460-998454/7	50.0	24.588733	50.0	560037.0	0.491775	Y
6	STD200 460-998454/8	200.0	91.80108	50.0	598280.0	0.459005	Y
7	STD500 460-998454/9	500.0	218.09319	50.0	662730.0	0.436186	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

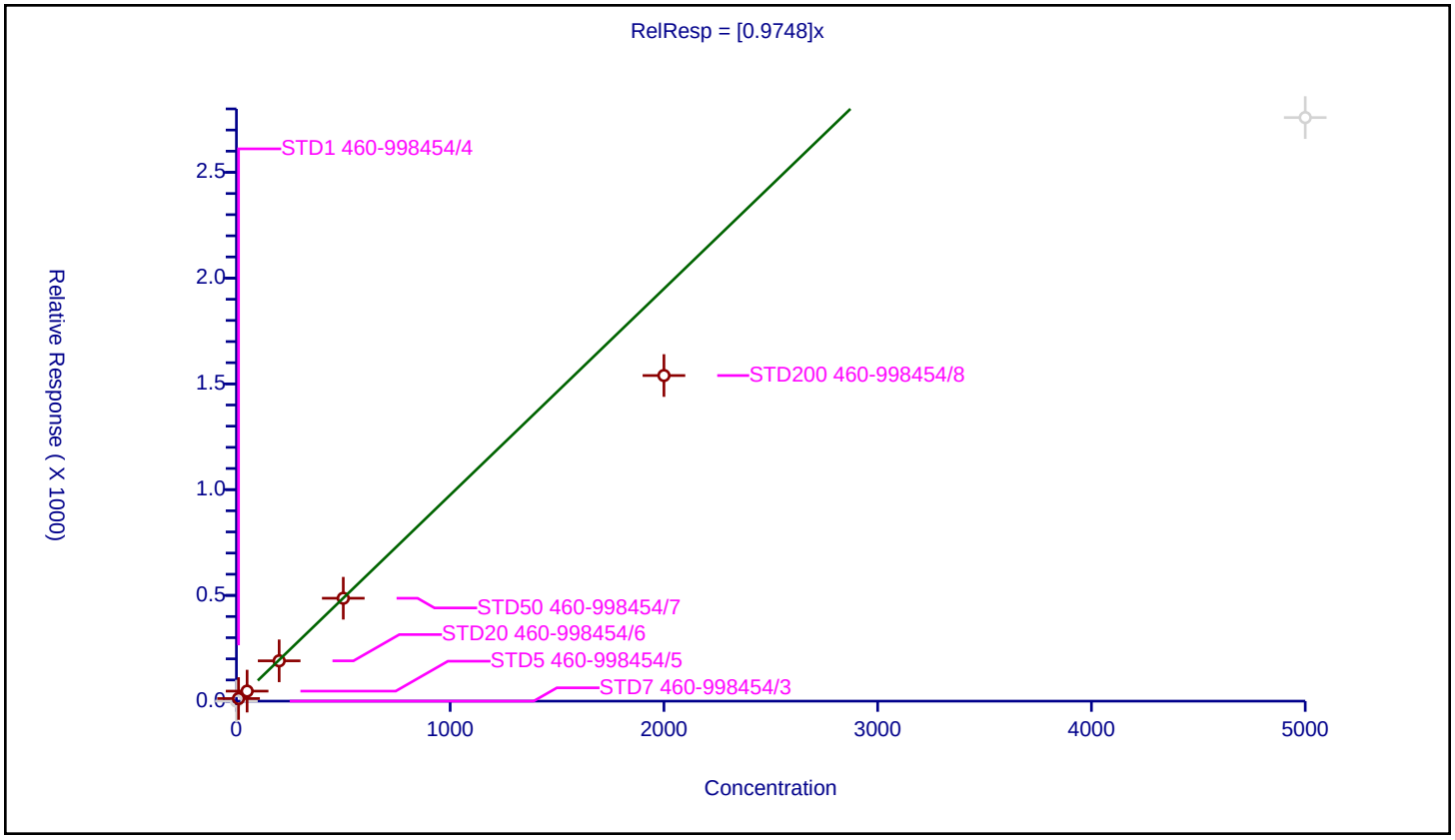
Curve Coefficients

Intercept:	0
Slope:	0.9748

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	10.0	12.30086	1000.0	335505.0	1.230086	Y
3	STD5 460-998454/5	50.0	47.422765	1000.0	412671.0	0.948455	Y
4	STD20 460-998454/6	200.0	190.535486	1000.0	395118.0	0.952677	Y
5	STD50 460-998454/7	500.0	486.441335	1000.0	423198.0	0.972883	Y
6	STD200 460-998454/8	2000.0	1539.419437	1000.0	569757.0	0.76971	Y
7	STD500 460-998454/9	5000.0	2758.94095	1000.0	860507.0	0.551788	N



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

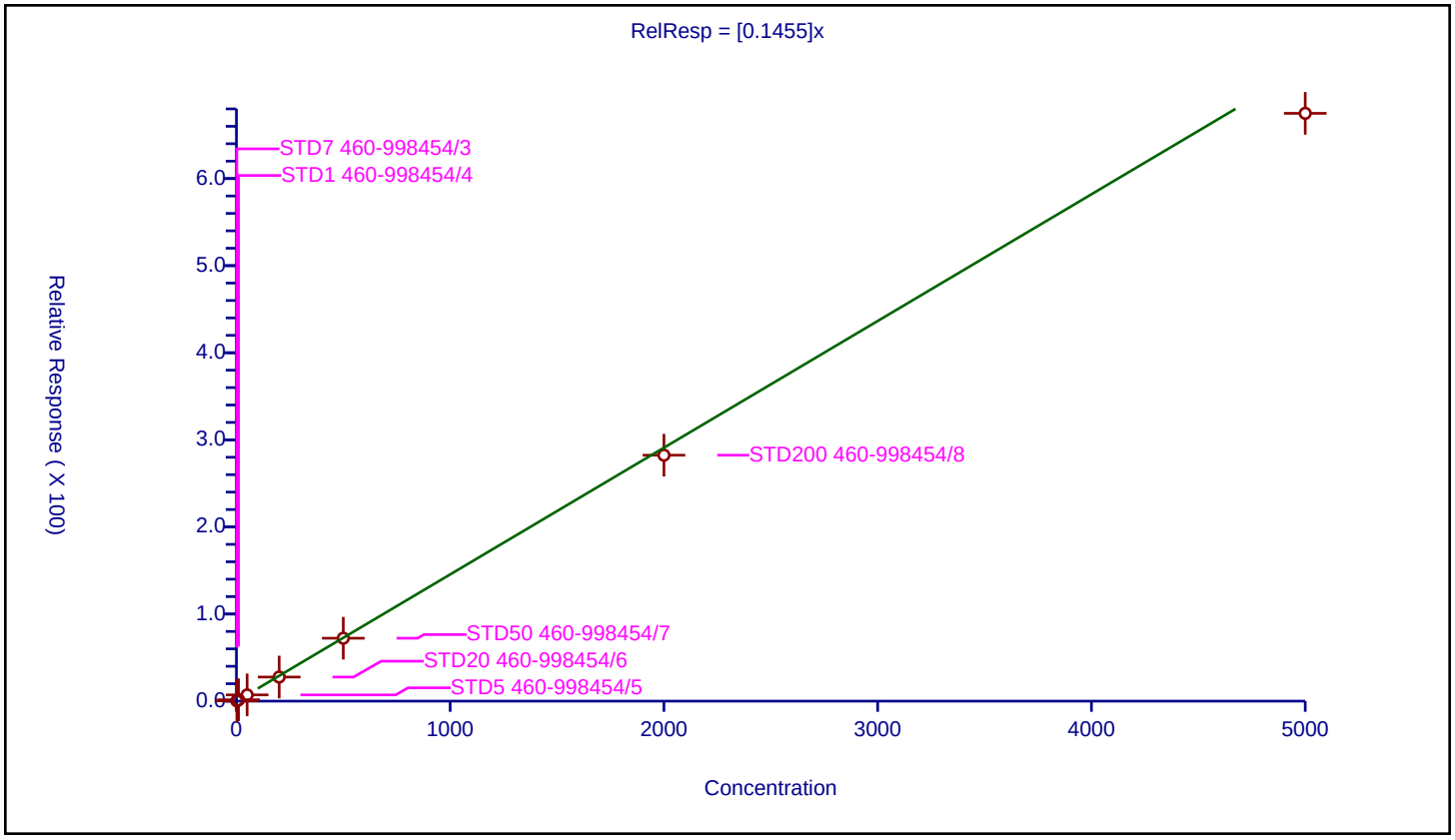
Curve Coefficients

Intercept:	0
Slope:	0.1455

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	2.0	0.321038	50.0	506171.0	0.160519	Y
2	STD1 460-998454/4	10.0	1.552804	50.0	467477.0	0.15528	Y
3	STD5 460-998454/5	50.0	7.181135	50.0	531824.0	0.143623	Y
4	STD20 460-998454/6	200.0	27.666642	50.0	545227.0	0.138333	Y
5	STD50 460-998454/7	500.0	72.246834	50.0	560037.0	0.144494	Y
6	STD200 460-998454/8	2000.0	282.402805	50.0	598280.0	0.141201	Y
7	STD500 460-998454/9	5000.0	674.895583	50.0	662730.0	0.134979	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

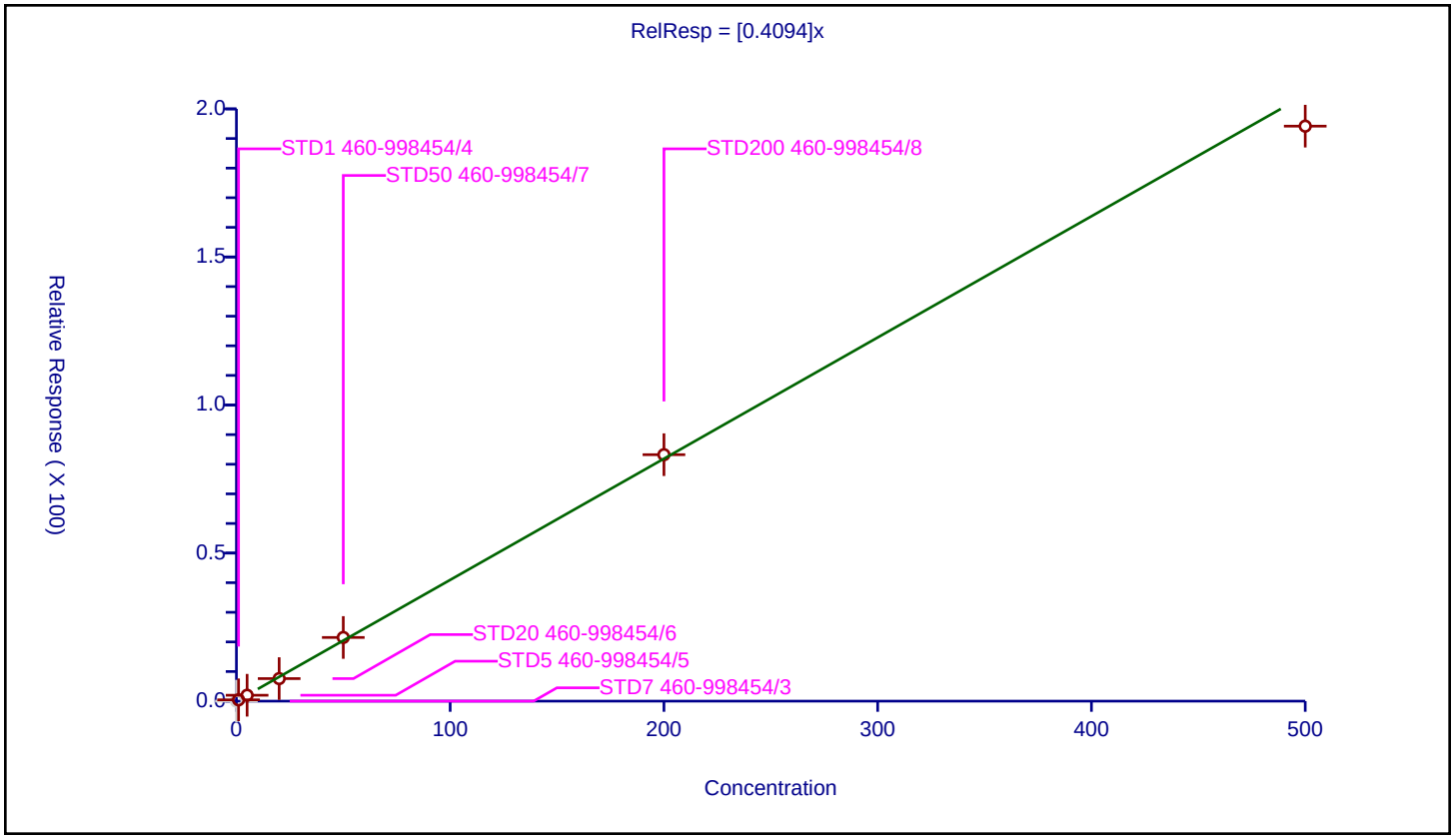
Curve Coefficients

Intercept:	0
Slope:	0.4094

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.443551	50.0	467477.0	0.443551	Y
3	STD5 460-998454/5	5.0	1.988346	50.0	531824.0	0.397669	Y
4	STD20 460-998454/6	20.0	7.609675	50.0	545227.0	0.380484	Y
5	STD50 460-998454/7	50.0	21.499205	50.0	560037.0	0.429984	Y
6	STD200 460-998454/8	200.0	83.225831	50.0	598280.0	0.416129	Y
7	STD500 460-998454/9	500.0	194.167534	50.0	662730.0	0.388335	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

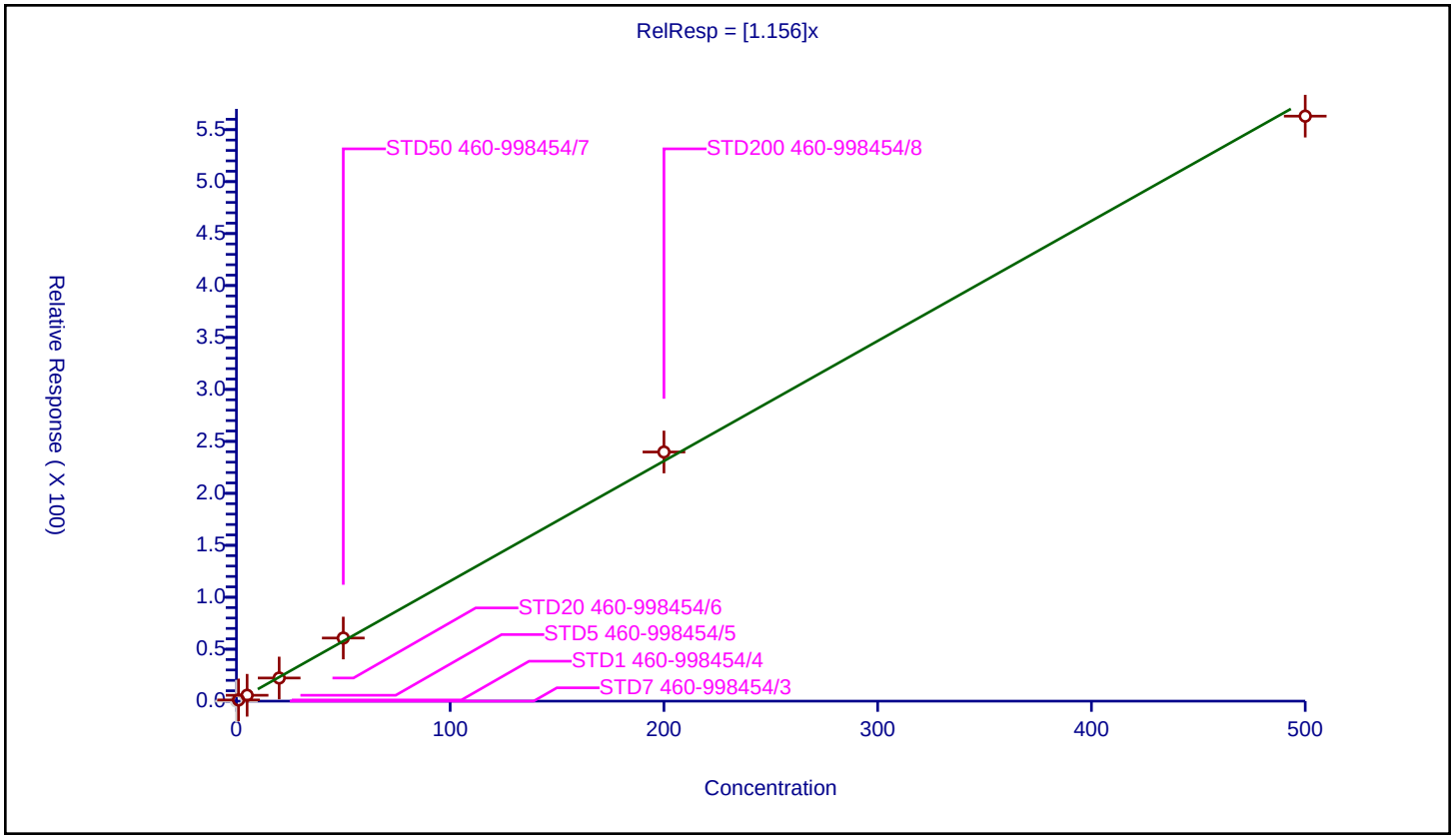
Curve Coefficients

Intercept:	0
Slope:	1.156

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.149468	50.0	467477.0	1.149468	Y
3	STD5 460-998454/5	5.0	5.655912	50.0	531824.0	1.131182	Y
4	STD20 460-998454/6	20.0	22.253025	50.0	545227.0	1.112651	Y
5	STD50 460-998454/7	50.0	60.738933	50.0	560037.0	1.214779	Y
6	STD200 460-998454/8	200.0	239.777027	50.0	598280.0	1.198885	Y
7	STD500 460-998454/9	500.0	563.024082	50.0	662730.0	1.126048	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

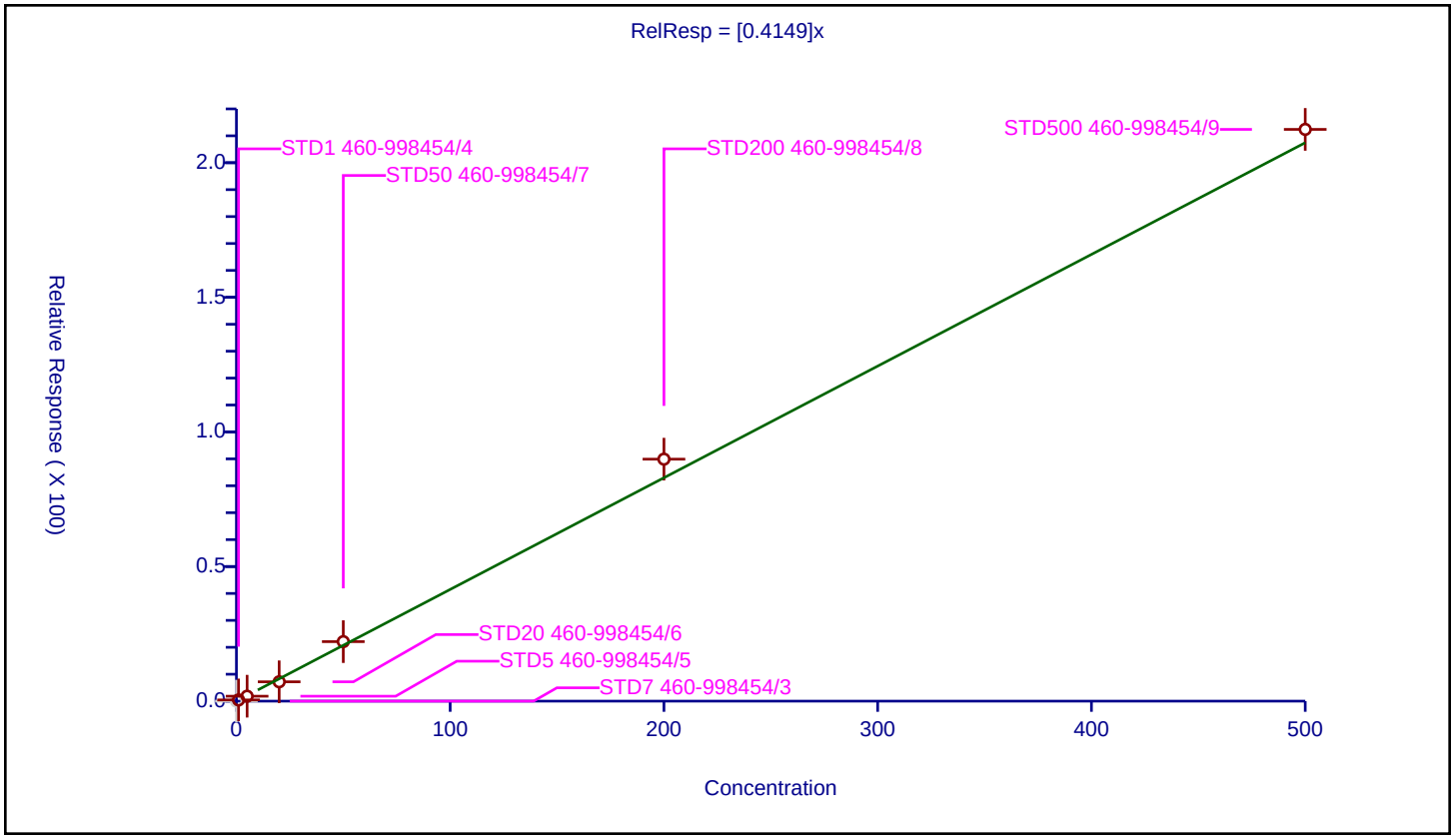
Curve Coefficients

Intercept:	0
Slope:	0.4149

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.44537	50.0	467477.0	0.44537	Y
3	STD5 460-998454/5	5.0	1.839518	50.0	531824.0	0.367904	Y
4	STD20 460-998454/6	20.0	7.19095	50.0	545227.0	0.359547	Y
5	STD50 460-998454/7	50.0	22.107289	50.0	560037.0	0.442146	Y
6	STD200 460-998454/8	200.0	89.887093	50.0	598280.0	0.449435	Y
7	STD500 460-998454/9	500.0	212.380306	50.0	662730.0	0.424761	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

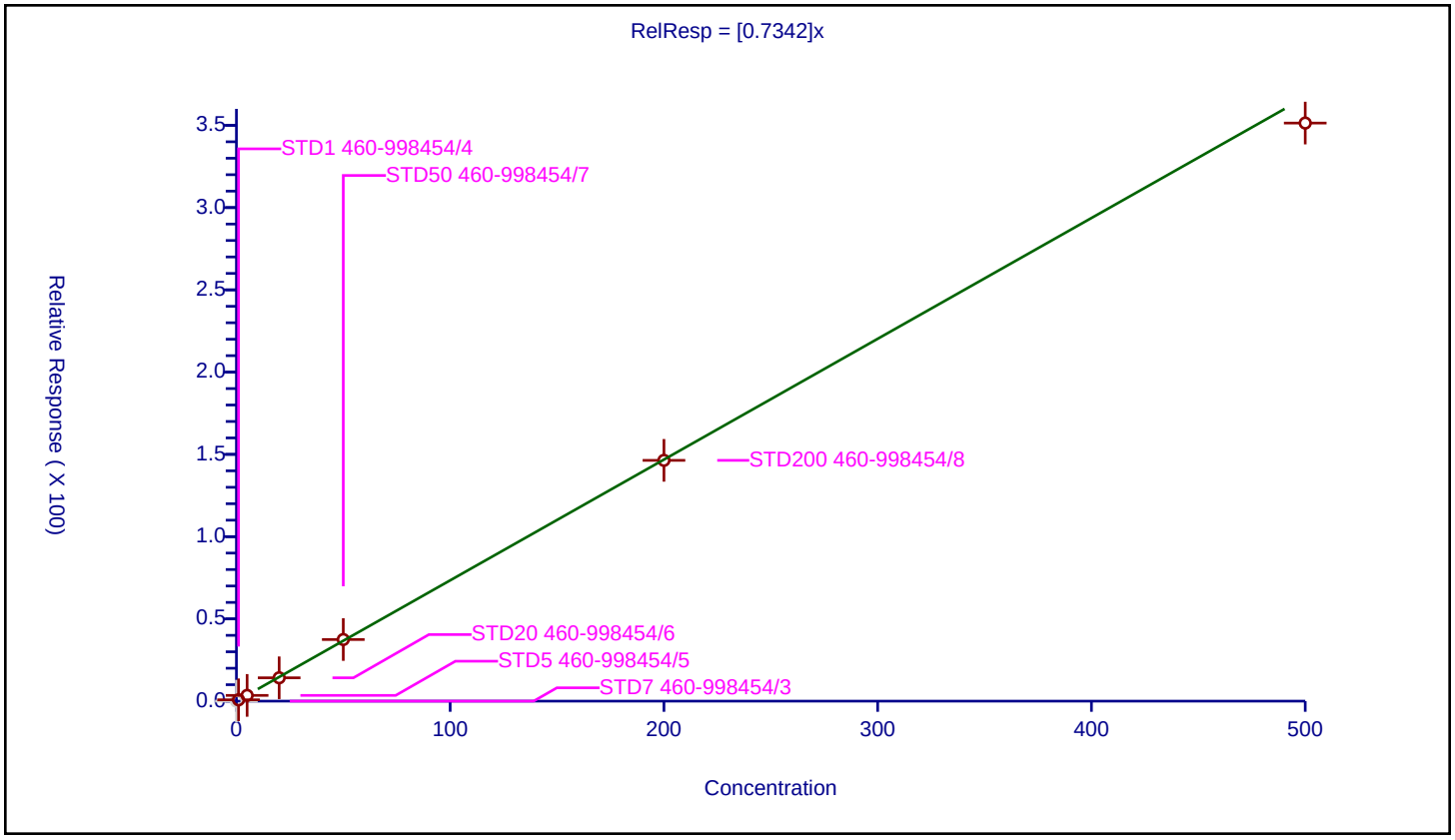
Curve Coefficients

Intercept:	0
Slope:	0.7342

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.815548	50.0	467477.0	0.815548	Y
3	STD5 460-998454/5	5.0	3.482543	50.0	531824.0	0.696509	Y
4	STD20 460-998454/6	20.0	14.184367	50.0	545227.0	0.709218	Y
5	STD50 460-998454/7	50.0	37.456722	50.0	560037.0	0.749134	Y
6	STD200 460-998454/8	200.0	146.362573	50.0	598280.0	0.731813	Y
7	STD500 460-998454/9	500.0	351.379823	50.0	662730.0	0.70276	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

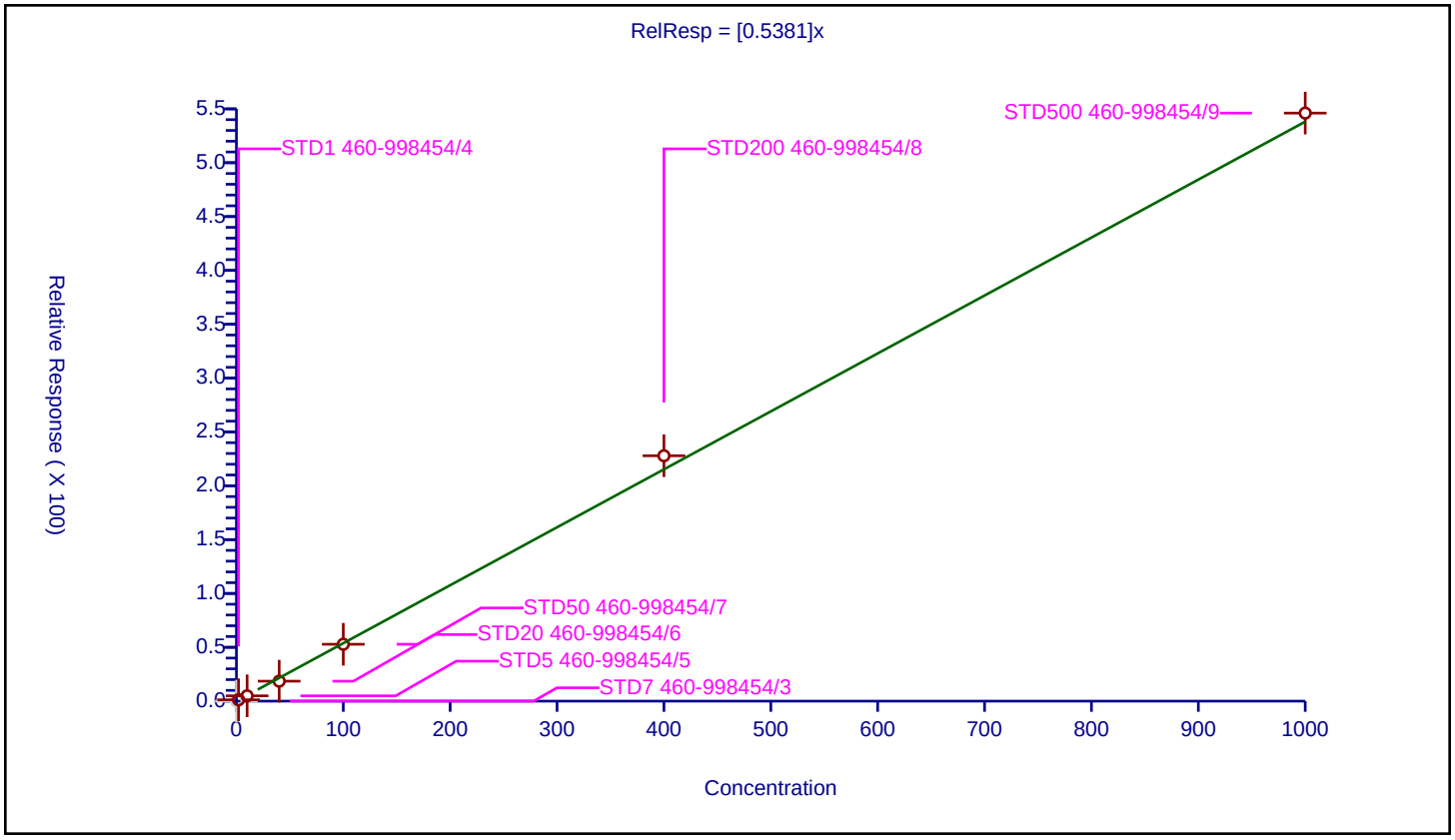
Curve Coefficients

Intercept:	0
Slope:	0.5381

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	2.0	1.257531	250.0	279516.0	0.628765	Y
3	STD5 460-998454/5	10.0	4.925192	250.0	322424.0	0.492519	Y
4	STD20 460-998454/6	40.0	18.538415	250.0	327617.0	0.46346	Y
5	STD50 460-998454/7	100.0	52.825475	250.0	325662.0	0.528255	Y
6	STD200 460-998454/8	400.0	227.885749	250.0	363883.0	0.569714	Y
7	STD500 460-998454/9	1000.0	546.08384	250.0	406010.0	0.546084	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

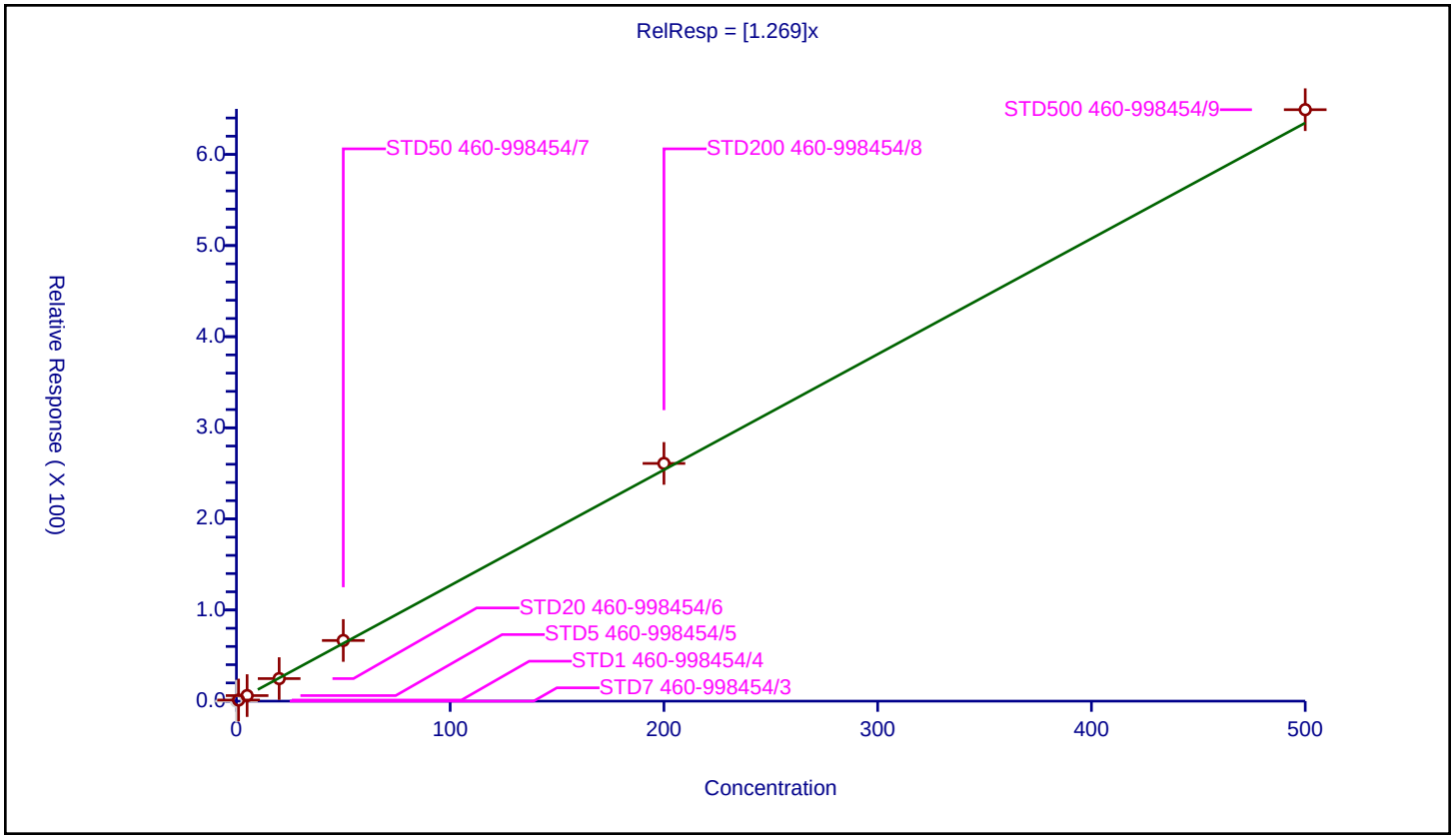
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.222092	50.0	467477.0	1.222092	Y
3	STD5 460-998454/5	5.0	6.104933	50.0	531824.0	1.220987	Y
4	STD20 460-998454/6	20.0	24.754827	50.0	545227.0	1.237741	Y
5	STD50 460-998454/7	50.0	66.576583	50.0	560037.0	1.331532	Y
6	STD200 460-998454/8	200.0	260.902922	50.0	598280.0	1.304515	Y
7	STD500 460-998454/9	500.0	649.125285	50.0	662730.0	1.298251	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

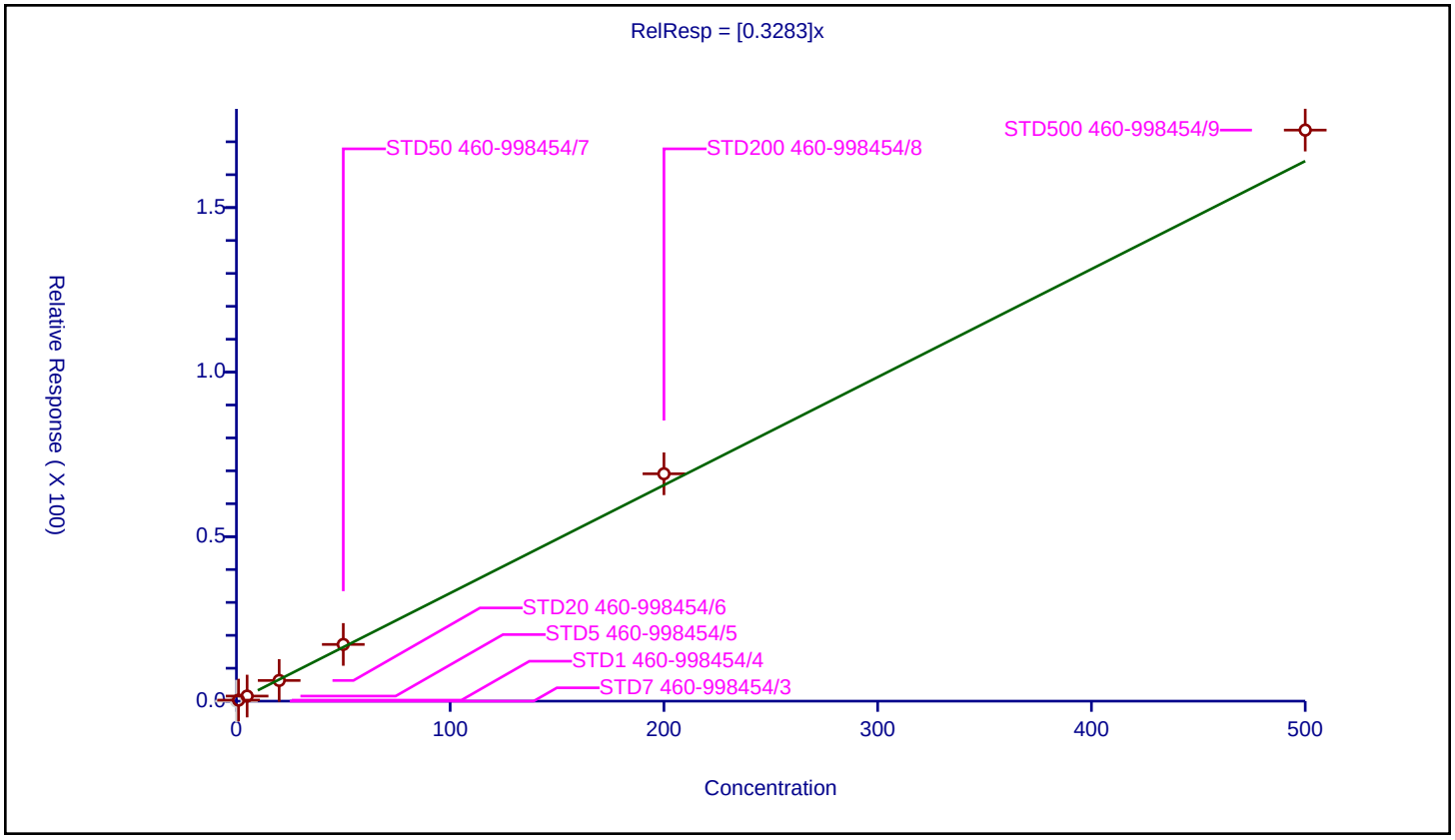
Curve Coefficients

Intercept:	0
Slope:	0.3283

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.309213	50.0	467477.0	0.309213	Y
3	STD5 460-998454/5	5.0	1.54318	50.0	531824.0	0.308636	Y
4	STD20 460-998454/6	20.0	6.287106	50.0	545227.0	0.314355	Y
5	STD50 460-998454/7	50.0	17.238504	50.0	560037.0	0.34477	Y
6	STD200 460-998454/8	200.0	69.10343	50.0	598280.0	0.345517	Y
7	STD500 460-998454/9	500.0	173.556652	50.0	662730.0	0.347113	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

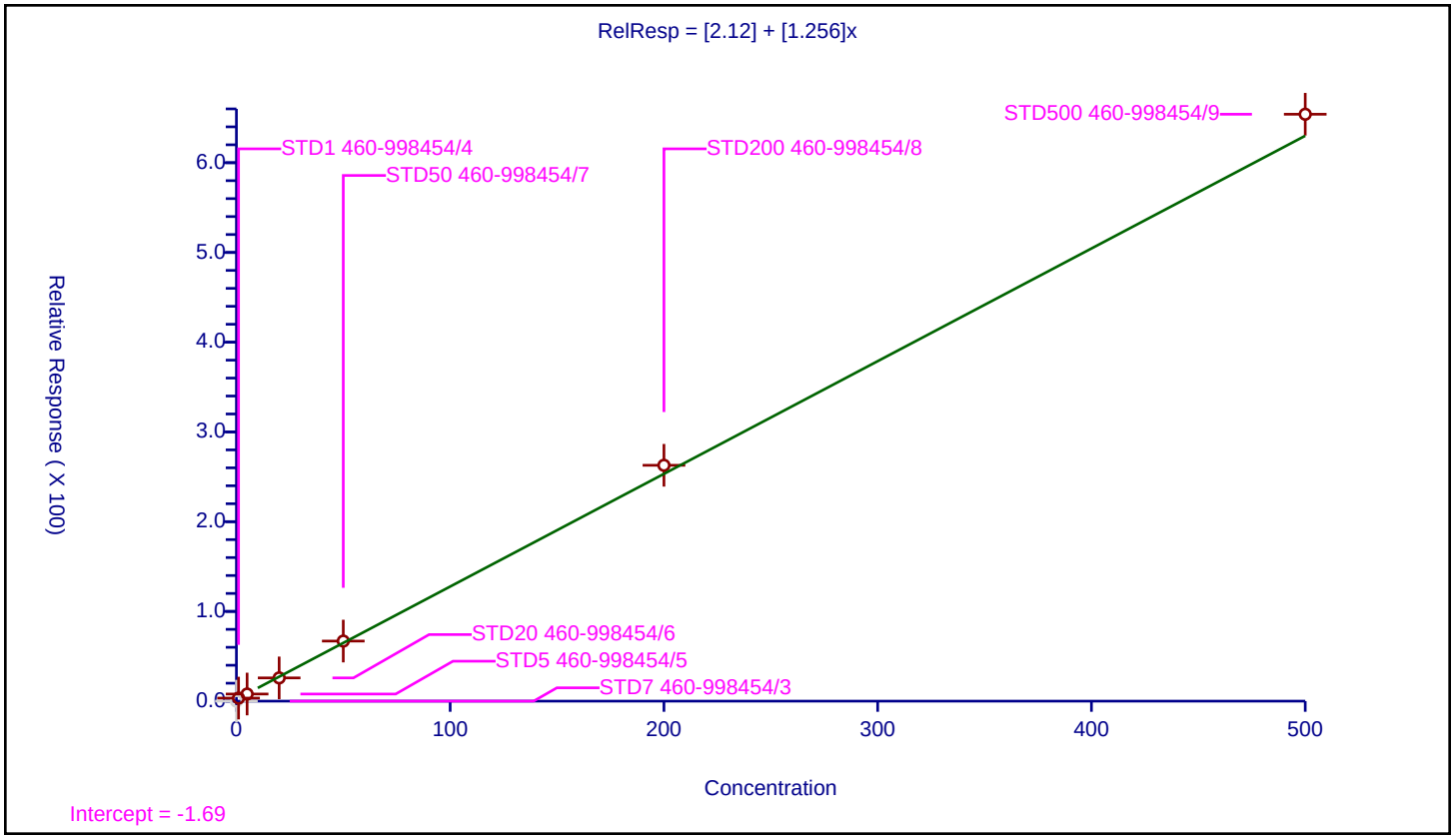
Curve Coefficients

Intercept:	2.12
Slope:	1.256

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	3.395568	50.0	467477.0	3.395568	Y
3	STD5 460-998454/5	5.0	7.953947	50.0	531824.0	1.590789	Y
4	STD20 460-998454/6	20.0	25.885549	50.0	545227.0	1.294277	Y
5	STD50 460-998454/7	50.0	66.939595	50.0	560037.0	1.338792	Y
6	STD200 460-998454/8	200.0	262.827355	50.0	598280.0	1.314137	Y
7	STD500 460-998454/9	500.0	654.023056	50.0	662730.0	1.308046	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

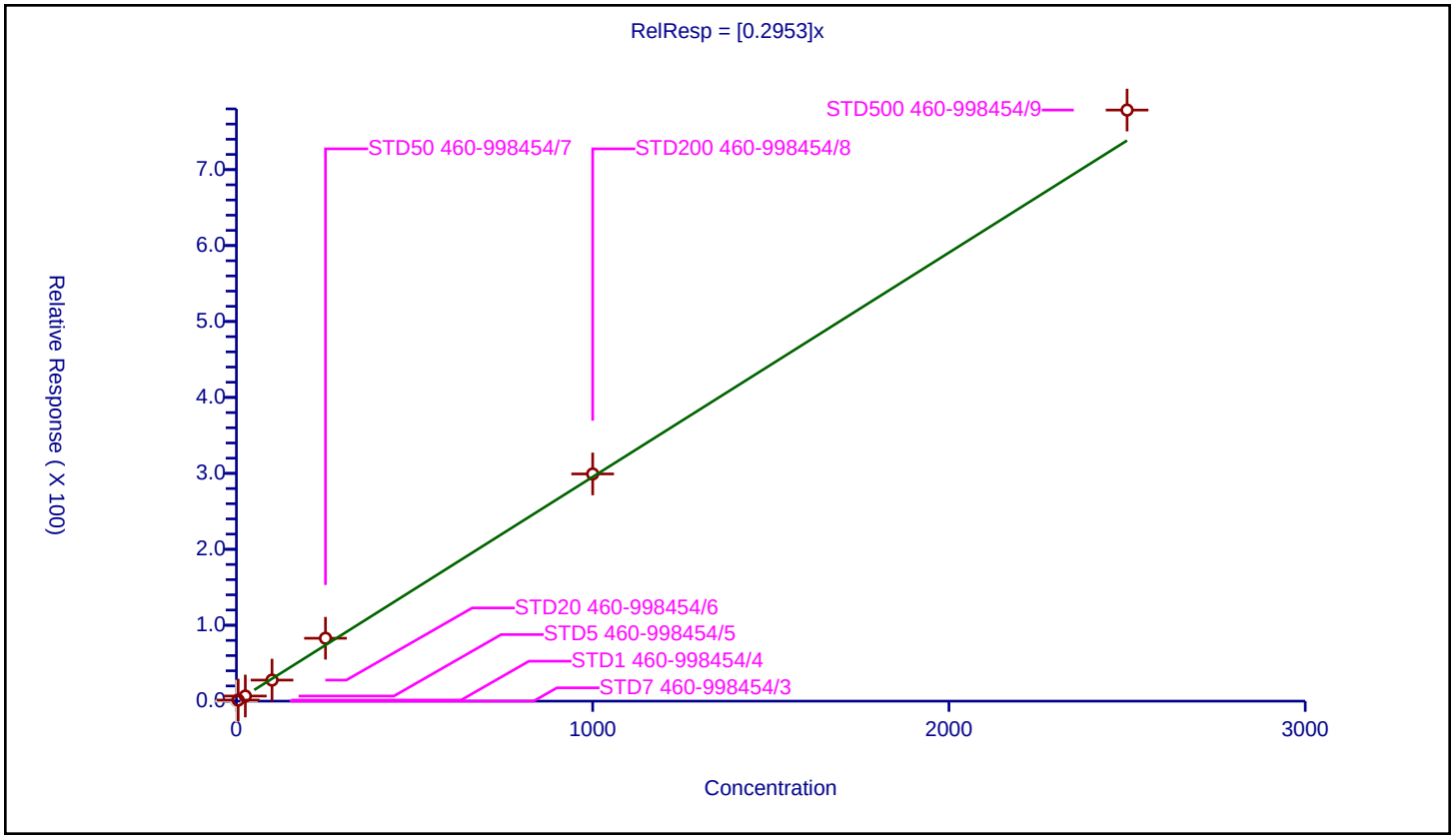
Curve Coefficients

Intercept:	0
Slope:	0.2953

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	5.0	1.416735	250.0	279516.0	0.283347	Y
3	STD5 460-998454/5	25.0	6.741899	250.0	322424.0	0.269676	Y
4	STD20 460-998454/6	100.0	27.711474	250.0	327617.0	0.277115	Y
5	STD50 460-998454/7	250.0	82.83435	250.0	325662.0	0.331337	Y
6	STD200 460-998454/8	1000.0	299.243163	250.0	363883.0	0.299243	Y
7	STD500 460-998454/9	2500.0	778.438955	250.0	406010.0	0.311376	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

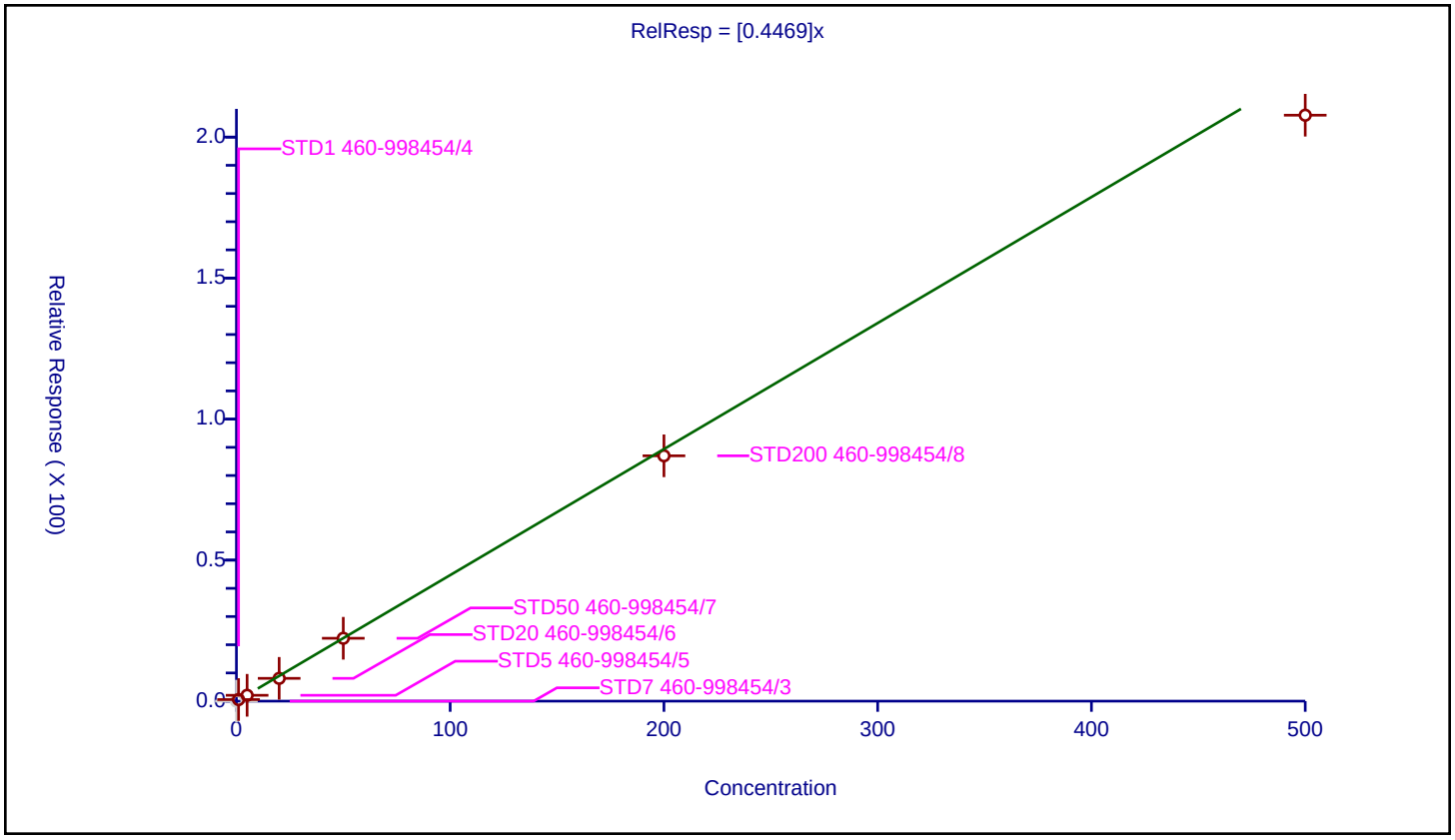
Curve Coefficients

Intercept:	0
Slope:	0.4469

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.56591	50.0	467477.0	0.56591	Y
3	STD5 460-998454/5	5.0	2.074935	50.0	531824.0	0.414987	Y
4	STD20 460-998454/6	20.0	8.077553	50.0	545227.0	0.403878	Y
5	STD50 460-998454/7	50.0	22.292099	50.0	560037.0	0.445842	Y
6	STD200 460-998454/8	200.0	86.992712	50.0	598280.0	0.434964	Y
7	STD500 460-998454/9	500.0	207.763795	50.0	662730.0	0.415528	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

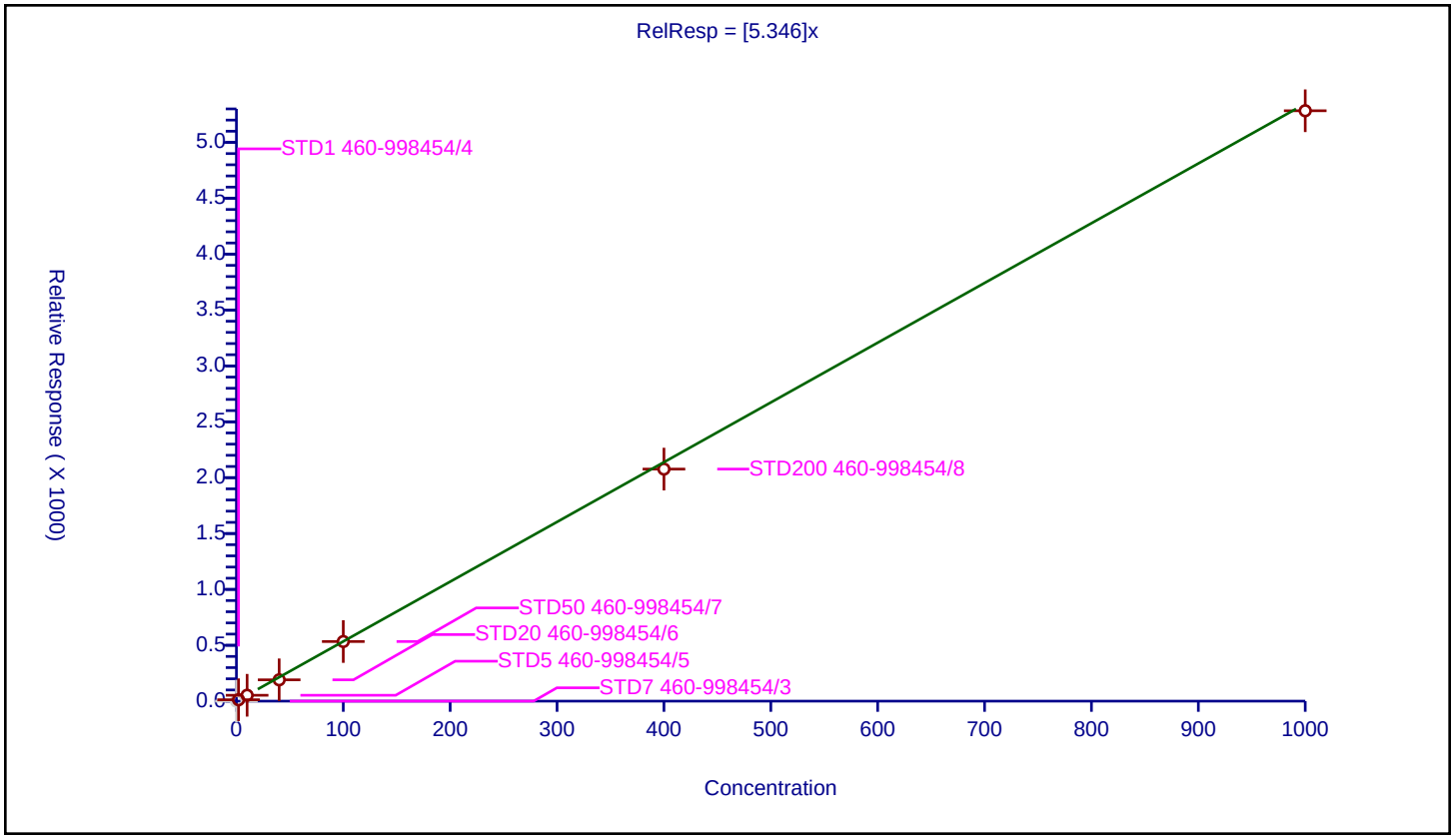
Curve Coefficients

Intercept:	0
Slope:	5.346

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	2.0	12.472452	250.0	279516.0	6.236226	Y
3	STD5 460-998454/5	10.0	52.594565	250.0	322424.0	5.259456	Y
4	STD20 460-998454/6	40.0	190.772304	250.0	327617.0	4.769308	Y
5	STD50 460-998454/7	100.0	533.544749	250.0	325662.0	5.335447	Y
6	STD200 460-998454/8	400.0	2076.657195	250.0	363883.0	5.191643	Y
7	STD500 460-998454/9	1000.0	5283.197458	250.0	406010.0	5.283197	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

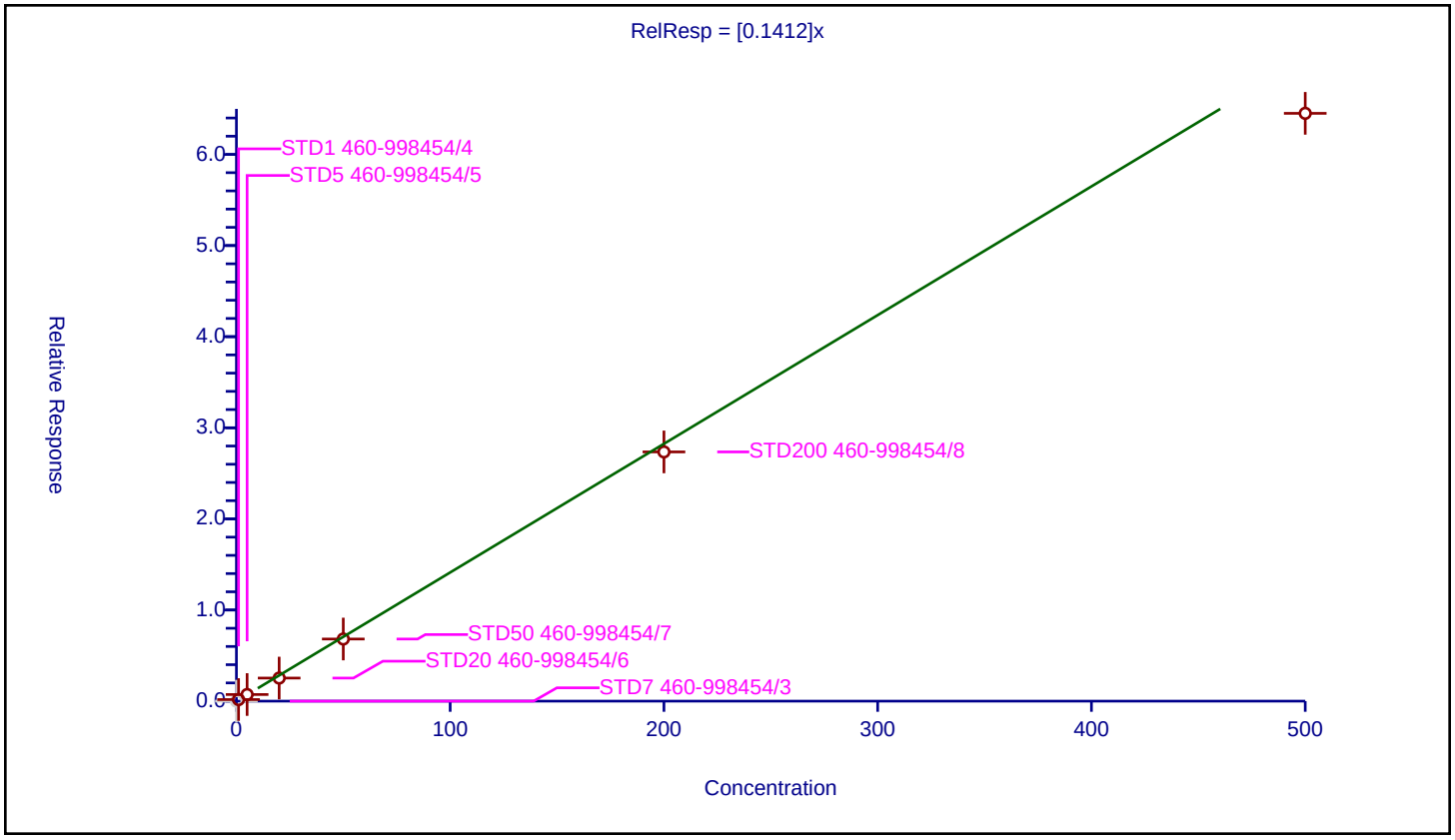
Curve Coefficients

Intercept:	0
Slope:	0.1412

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.173164	50.0	467477.0	0.173164	Y
3	STD5 460-998454/5	5.0	0.726462	50.0	531824.0	0.145292	Y
4	STD20 460-998454/6	20.0	2.534266	50.0	545227.0	0.126713	Y
5	STD50 460-998454/7	50.0	6.819014	50.0	560037.0	0.13638	Y
6	STD200 460-998454/8	200.0	27.354082	50.0	598280.0	0.13677	Y
7	STD500 460-998454/9	500.0	64.511113	50.0	662730.0	0.129022	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

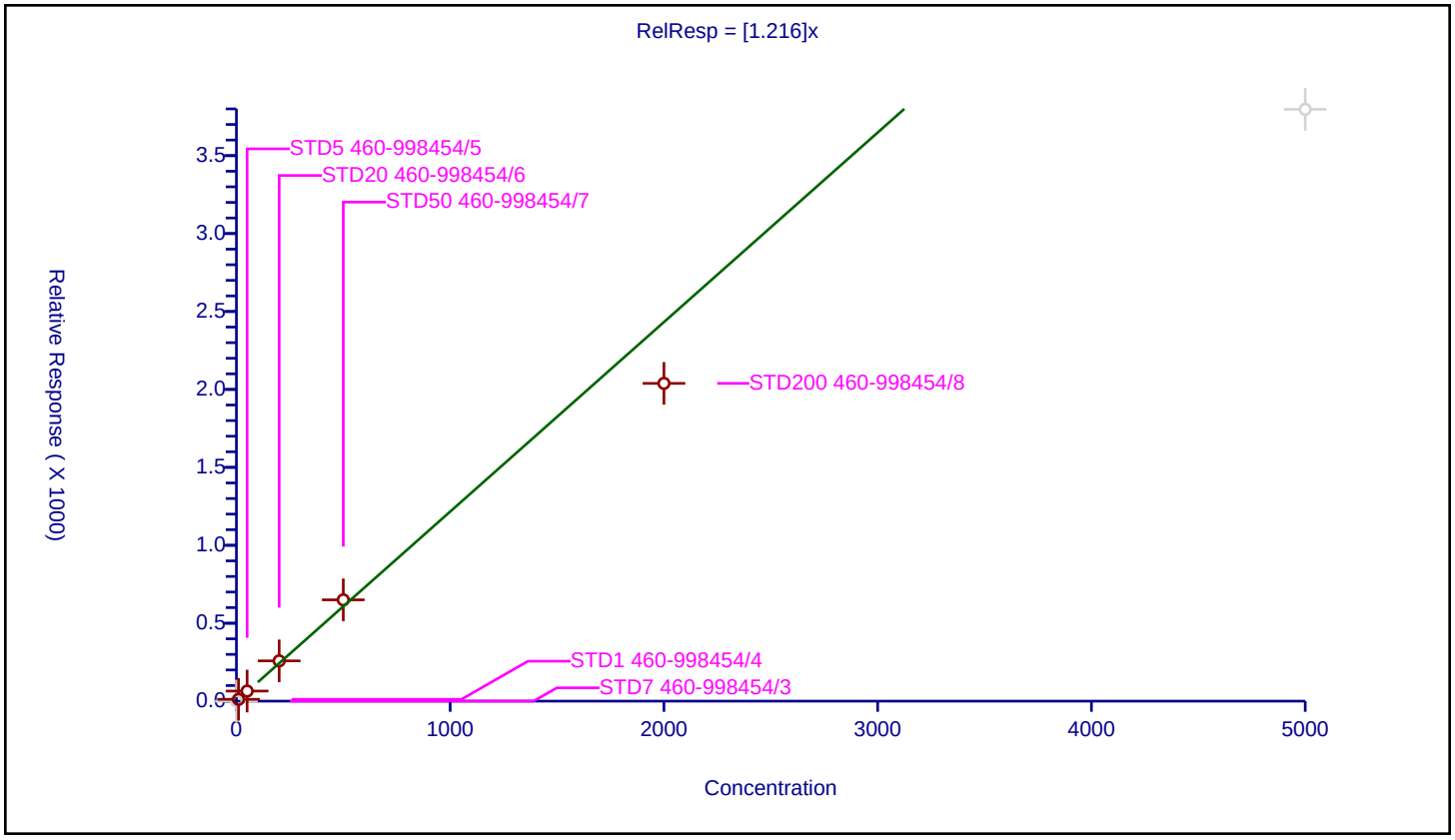
Curve Coefficients

Intercept:	0
Slope:	1.216

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	10.0	11.758394	1000.0	335505.0	1.175839	Y
3	STD5 460-998454/5	50.0	64.683489	1000.0	412671.0	1.29367	Y
4	STD20 460-998454/6	200.0	258.330423	1000.0	395118.0	1.291652	Y
5	STD50 460-998454/7	500.0	649.915642	1000.0	423198.0	1.299831	Y
6	STD200 460-998454/8	2000.0	2038.867447	1000.0	569757.0	1.019434	Y
7	STD500 460-998454/9	5000.0	3797.224195	1000.0	860507.0	0.759445	N



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

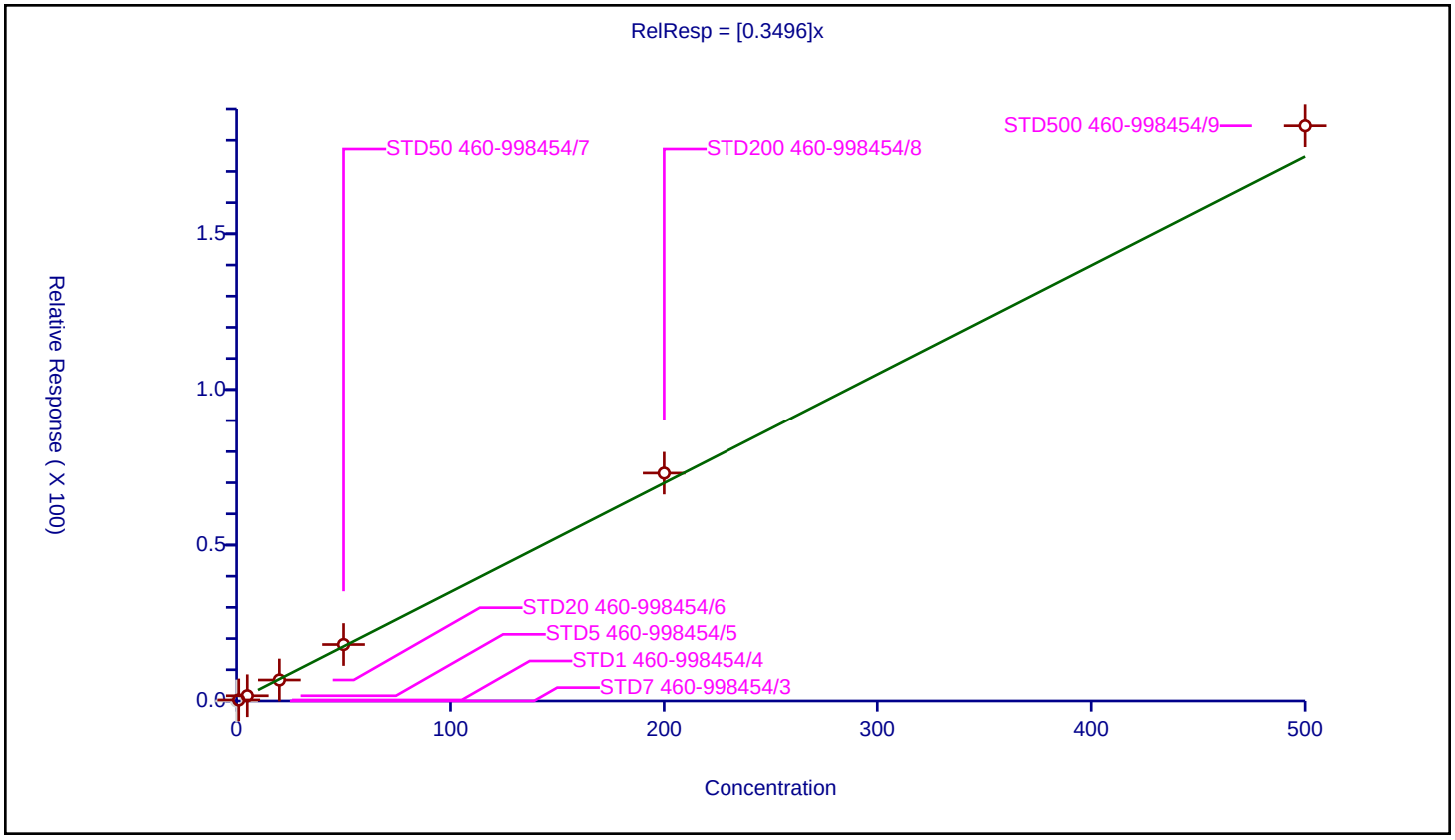
Curve Coefficients

Intercept:	0
Slope:	0.3496

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.33146	50.0	467477.0	0.33146	Y
3	STD5 460-998454/5	5.0	1.668503	50.0	531824.0	0.333701	Y
4	STD20 460-998454/6	20.0	6.716469	50.0	545227.0	0.335823	Y
5	STD50 460-998454/7	50.0	18.089073	50.0	560037.0	0.361781	Y
6	STD200 460-998454/8	200.0	73.085846	50.0	598280.0	0.365429	Y
7	STD500 460-998454/9	500.0	184.6571	50.0	662730.0	0.369314	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

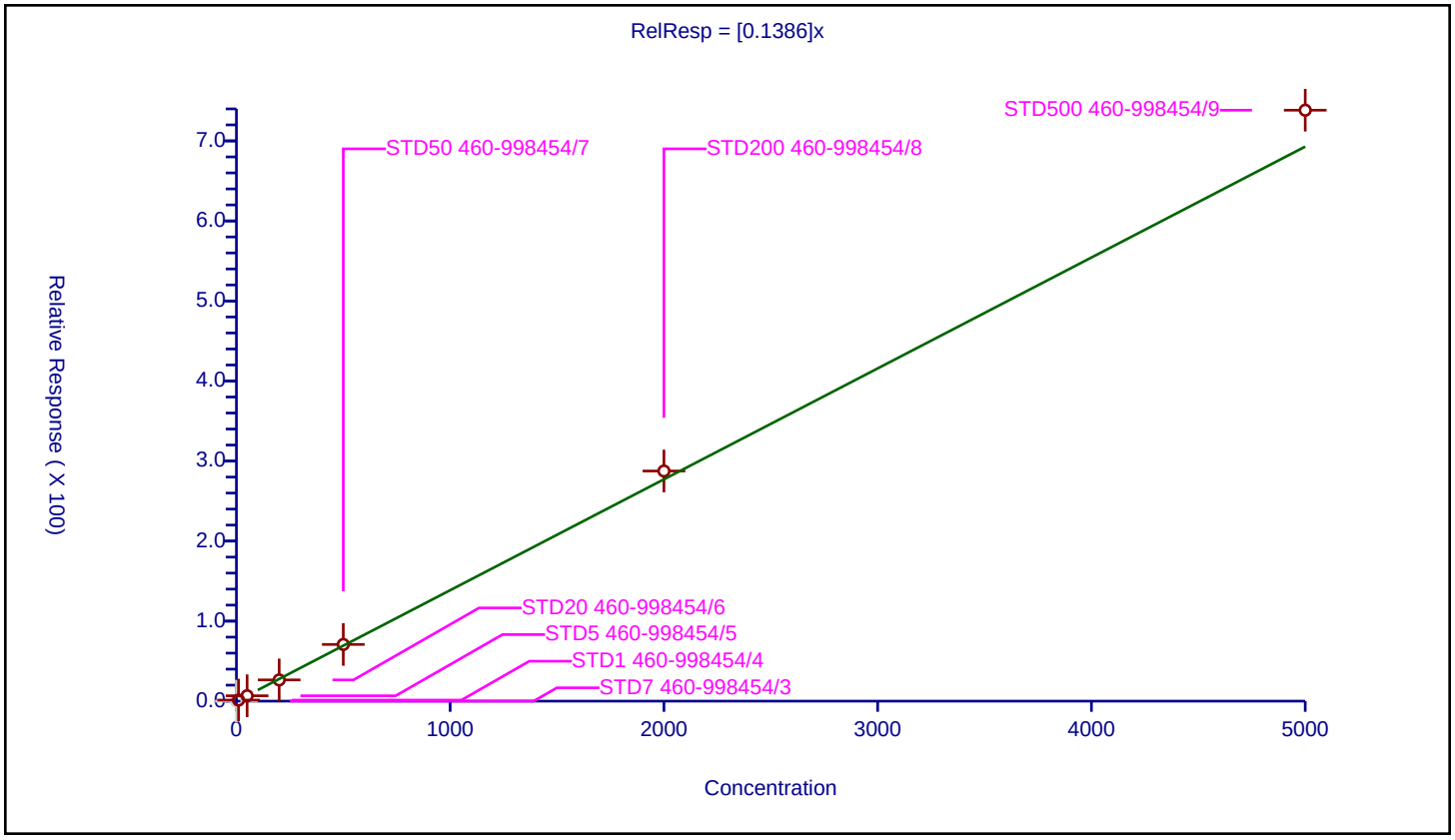
Curve Coefficients

Intercept:	0
Slope:	0.1386

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	10.0	1.314824	50.0	467477.0	0.131482	Y
3	STD5 460-998454/5	50.0	6.715756	50.0	531824.0	0.134315	Y
4	STD20 460-998454/6	200.0	26.514002	50.0	545227.0	0.13257	Y
5	STD50 460-998454/7	500.0	70.823892	50.0	560037.0	0.141648	Y
6	STD200 460-998454/8	2000.0	287.535351	50.0	598280.0	0.143768	Y
7	STD500 460-998454/9	5000.0	738.364719	50.0	662730.0	0.147673	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

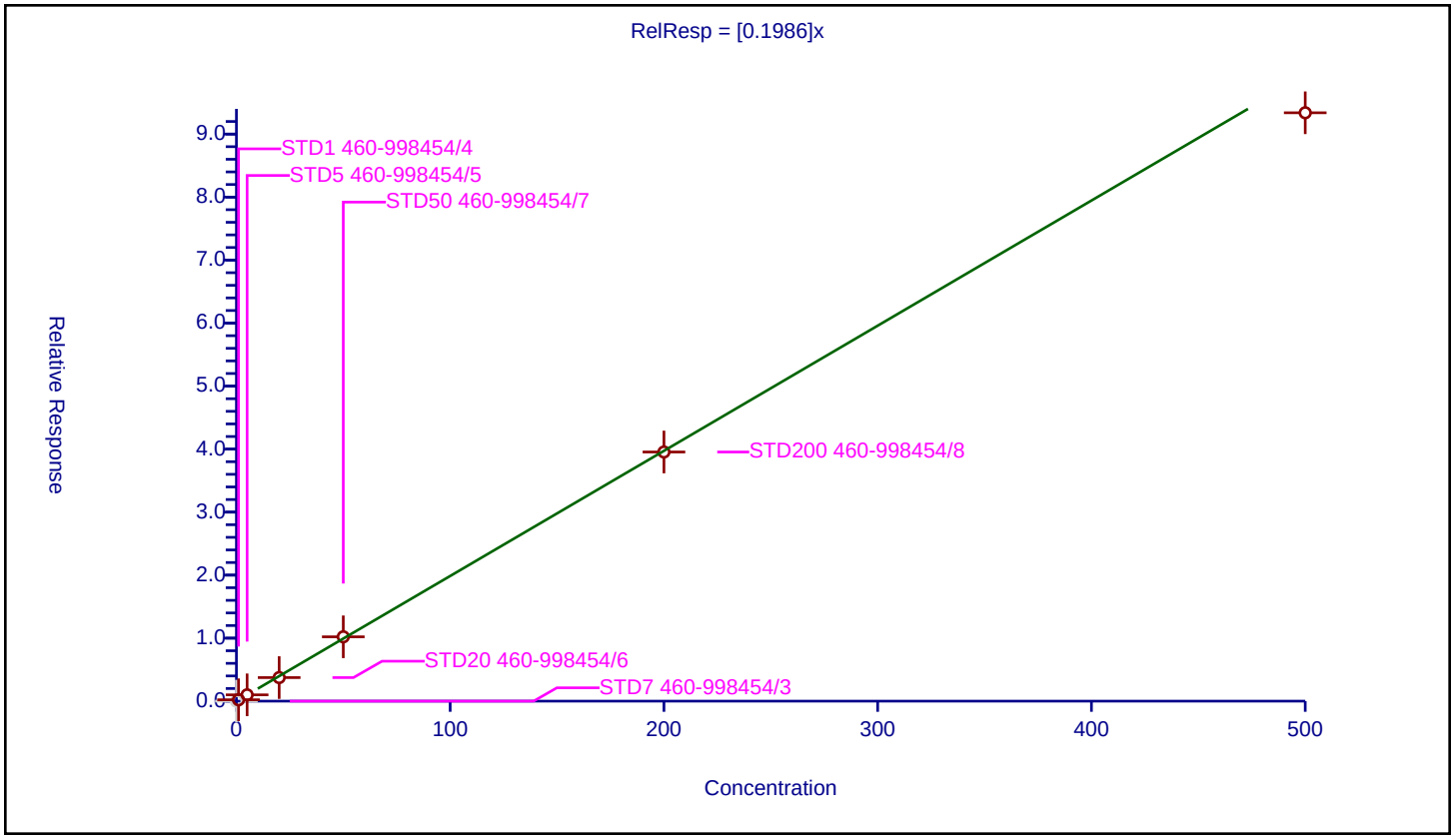
Curve Coefficients

Intercept:	0
Slope:	0.1986

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.215839	50.0	467477.0	0.215839	Y
3	STD5 460-998454/5	5.0	1.001177	50.0	531824.0	0.200235	Y
4	STD20 460-998454/6	20.0	3.740919	50.0	545227.0	0.187046	Y
5	STD50 460-998454/7	50.0	10.210932	50.0	560037.0	0.204219	Y
6	STD200 460-998454/8	200.0	39.543107	50.0	598280.0	0.197716	Y
7	STD500 460-998454/9	500.0	93.382976	50.0	662730.0	0.186766	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

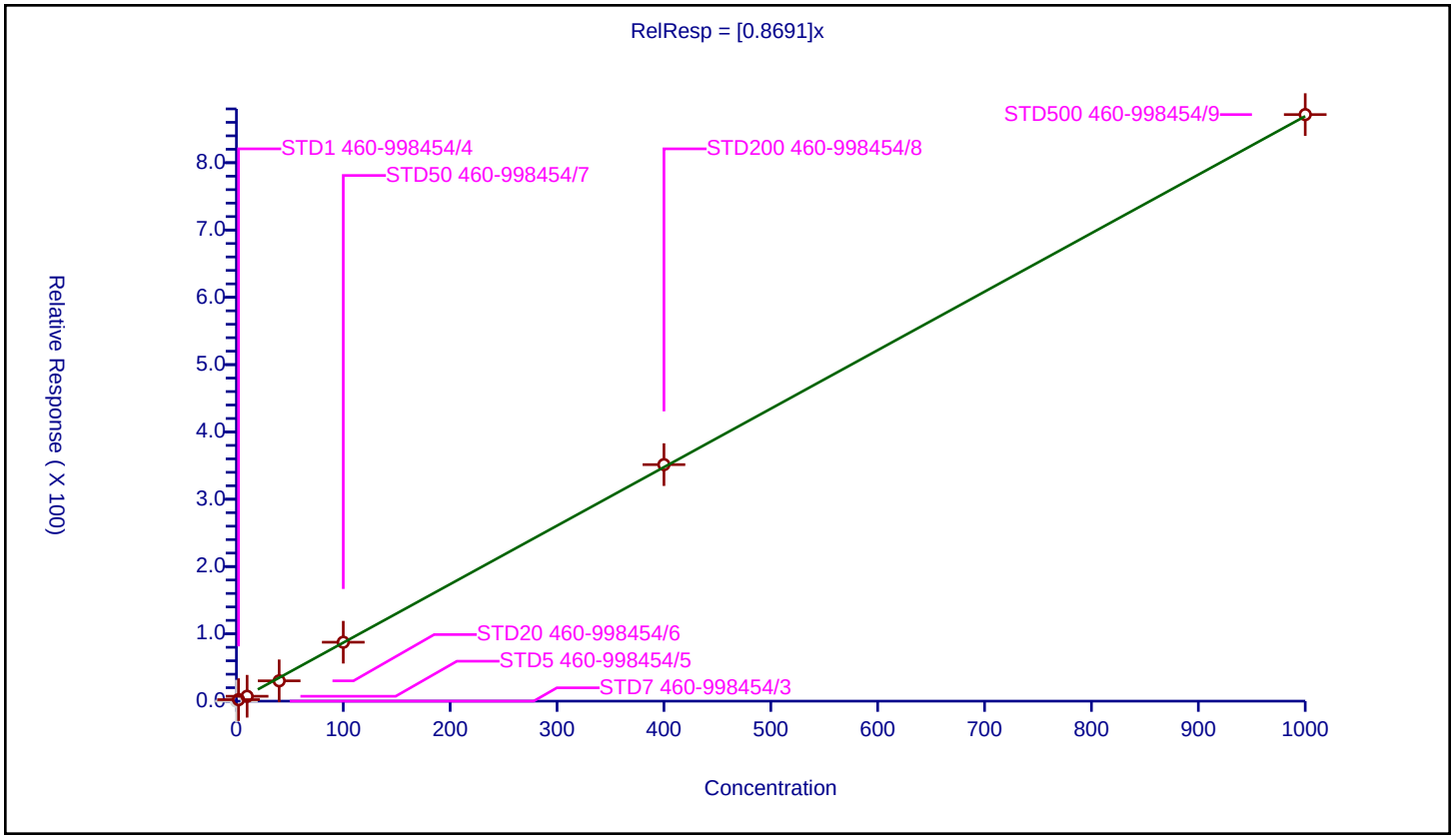
Curve Coefficients

Intercept:	0
Slope:	0.8691

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	2.0	2.219014	250.0	279516.0	1.109507	Y
3	STD5 460-998454/5	10.0	7.252097	250.0	322424.0	0.72521	Y
4	STD20 460-998454/6	40.0	30.175479	250.0	327617.0	0.754387	Y
5	STD50 460-998454/7	100.0	87.542452	250.0	325662.0	0.875425	Y
6	STD200 460-998454/8	400.0	351.456375	250.0	363883.0	0.878641	Y
7	STD500 460-998454/9	1000.0	871.536415	250.0	406010.0	0.871536	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

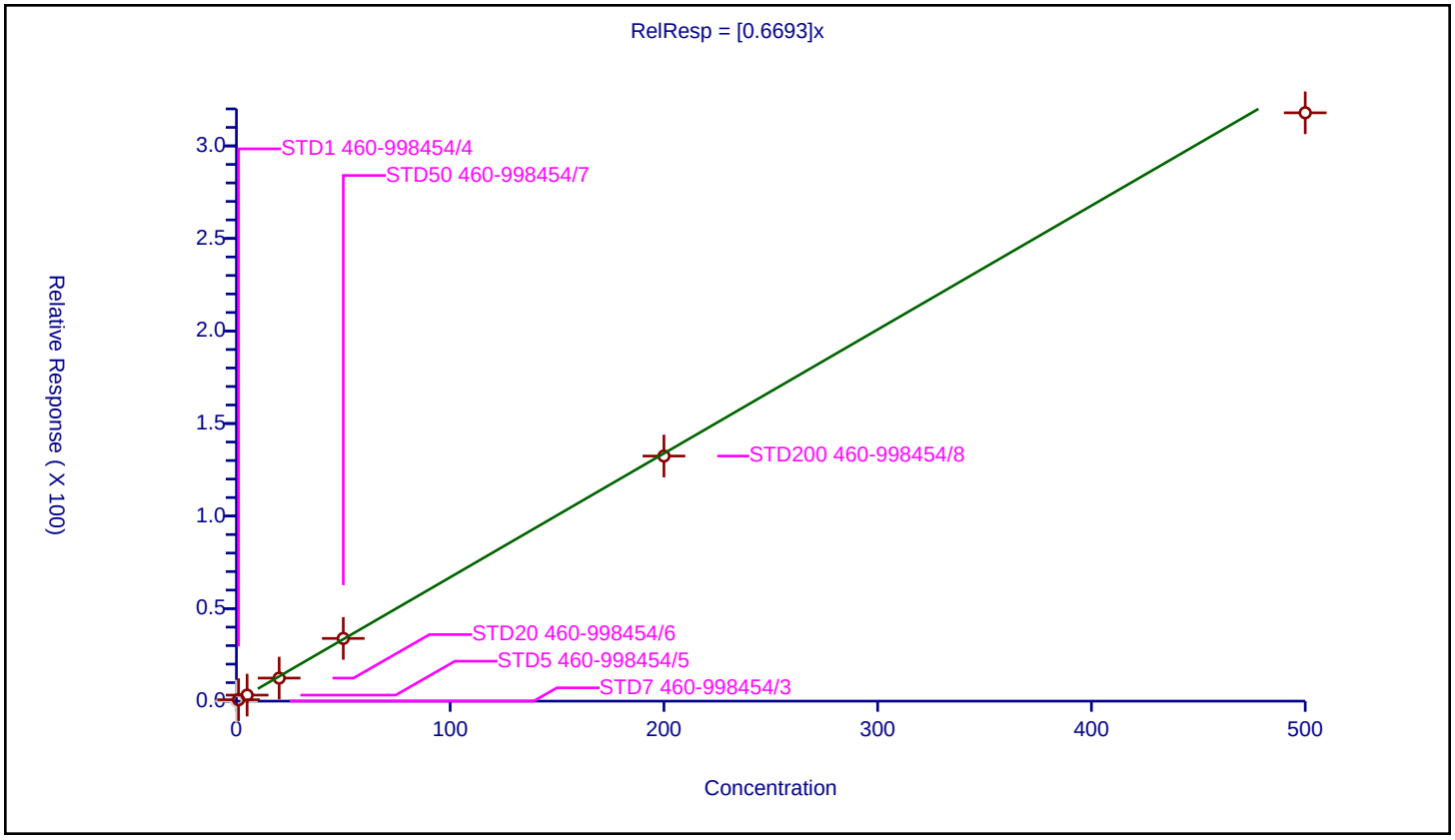
Curve Coefficients

Intercept:	0
Slope:	0.6693

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.764316	50.0	467477.0	0.764316	Y
3	STD5 460-998454/5	5.0	3.26593	50.0	531824.0	0.653186	Y
4	STD20 460-998454/6	20.0	12.456371	50.0	545227.0	0.622819	Y
5	STD50 460-998454/7	50.0	33.87669	50.0	560037.0	0.677534	Y
6	STD200 460-998454/8	200.0	132.433392	50.0	598280.0	0.662167	Y
7	STD500 460-998454/9	500.0	317.887752	50.0	662730.0	0.635776	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

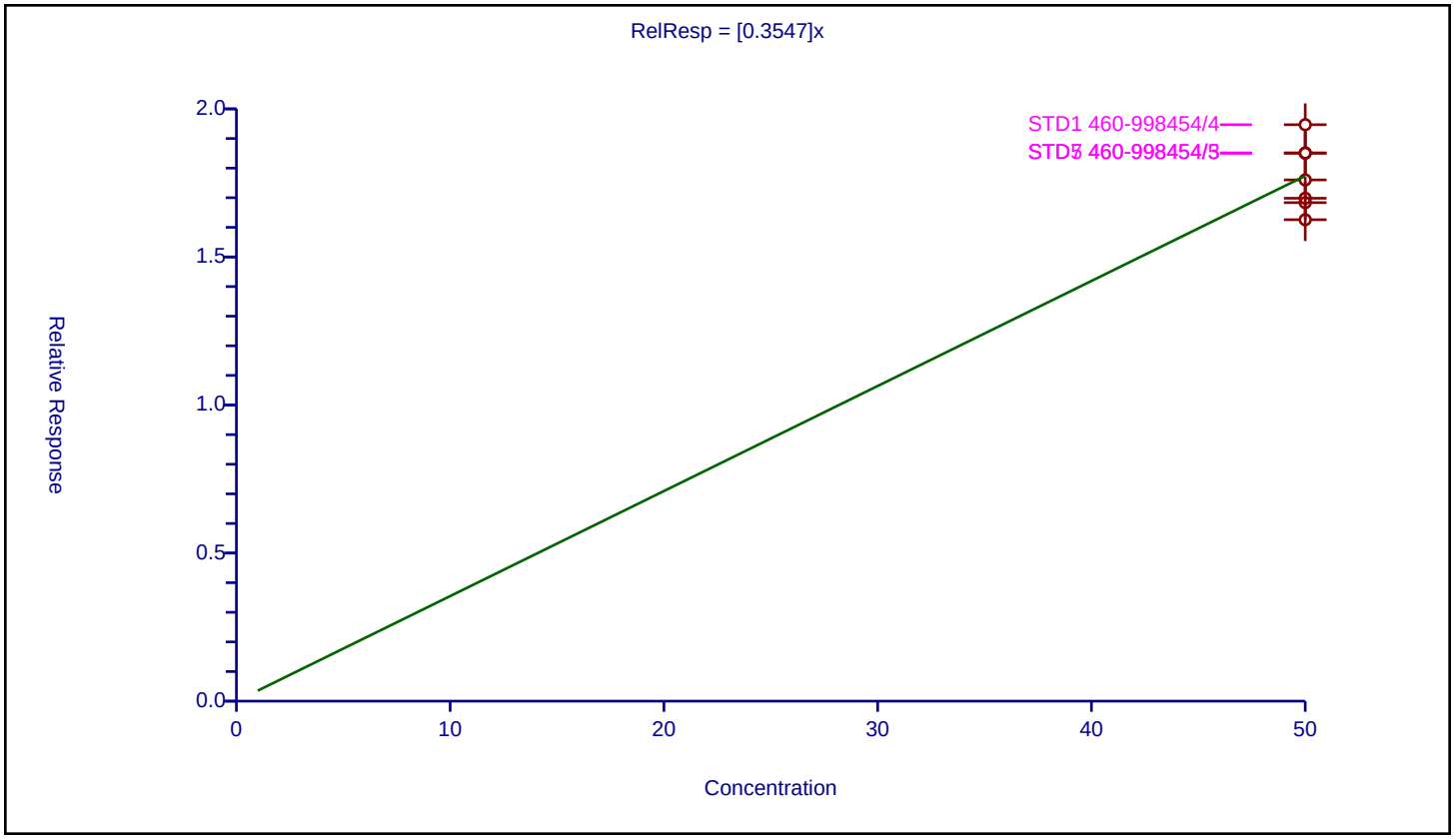
Curve Coefficients

Intercept:	0
Slope:	0.3547

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	50.0	18.51479	50.0	506171.0	0.370296	Y
2	STD1 460-998454/4	50.0	19.465664	50.0	467477.0	0.389313	Y
3	STD5 460-998454/5	50.0	18.501986	50.0	531824.0	0.37004	Y
4	STD20 460-998454/6	50.0	17.601476	50.0	545227.0	0.35203	Y
5	STD50 460-998454/7	50.0	16.982717	50.0	560037.0	0.339654	Y
6	STD200 460-998454/8	50.0	16.834342	50.0	598280.0	0.336687	Y
7	STD500 460-998454/9	50.0	16.257375	50.0	662730.0	0.325147	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

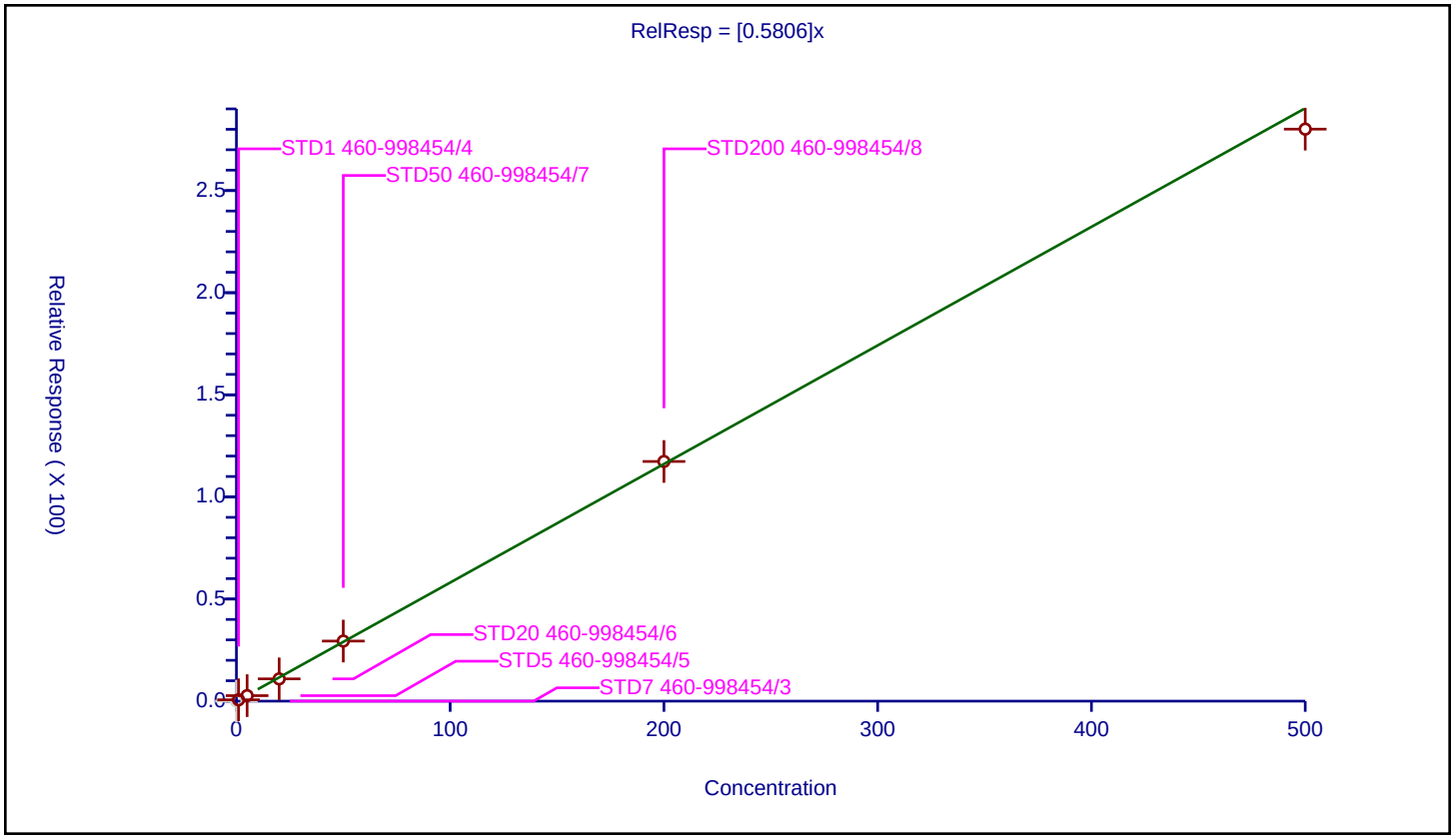
Curve Coefficients

Intercept:	0
Slope:	0.5806

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.663669	50.0	467477.0	0.663669	Y
3	STD5 460-998454/5	5.0	2.695723	50.0	531824.0	0.539145	Y
4	STD20 460-998454/6	20.0	10.908576	50.0	545227.0	0.545429	Y
5	STD50 460-998454/7	50.0	29.420913	50.0	560037.0	0.588418	Y
6	STD200 460-998454/8	200.0	117.35826	50.0	598280.0	0.586791	Y
7	STD500 460-998454/9	500.0	280.089705	50.0	662730.0	0.560179	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

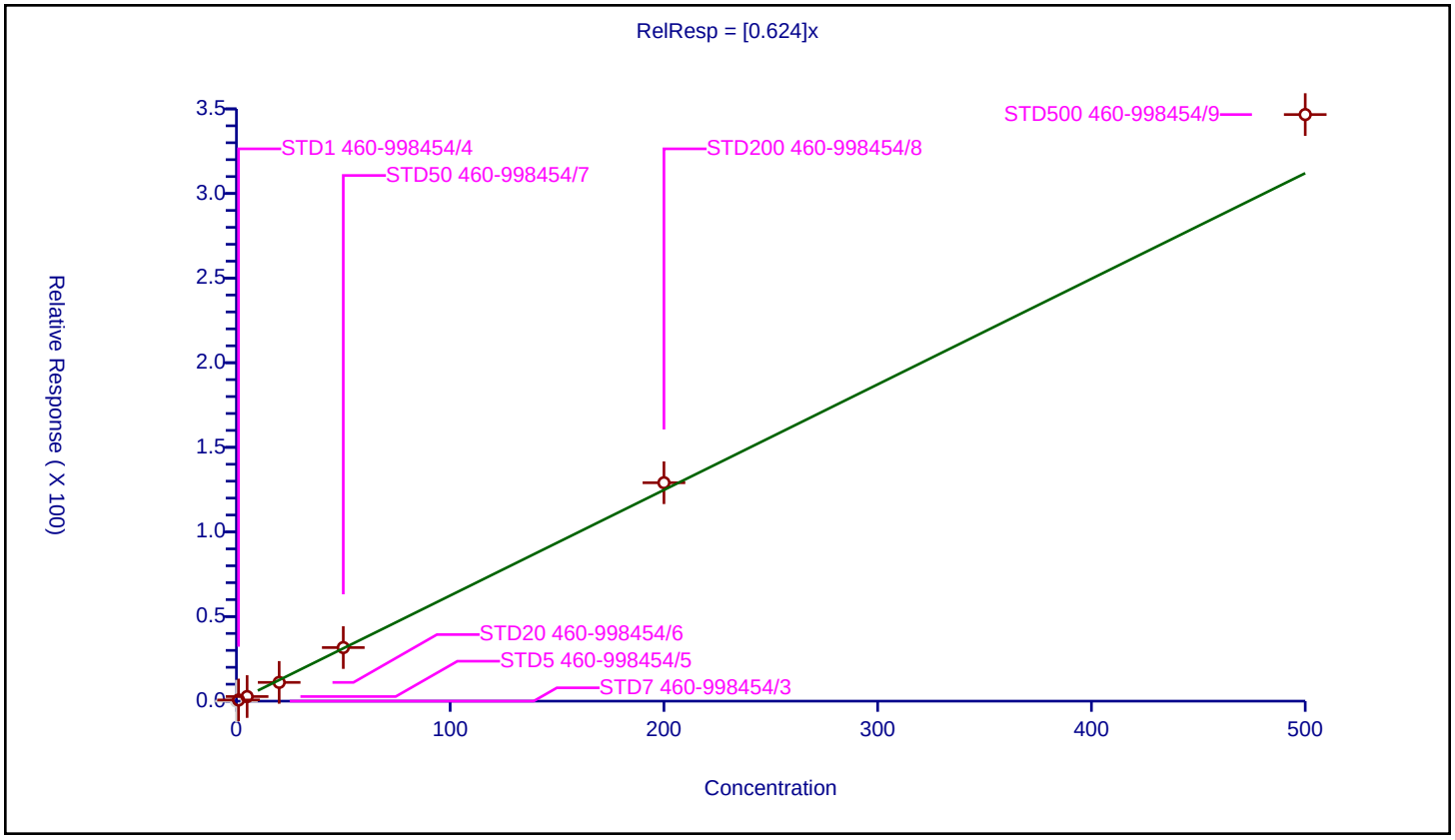
Curve Coefficients

Intercept:	0
Slope:	0.624

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.677039	50.0	467477.0	0.677039	Y
3	STD5 460-998454/5	5.0	2.707381	50.0	531824.0	0.541476	Y
4	STD20 460-998454/6	20.0	11.067775	50.0	545227.0	0.553389	Y
5	STD50 460-998454/7	50.0	31.662194	50.0	560037.0	0.633244	Y
6	STD200 460-998454/8	200.0	129.082453	50.0	598280.0	0.645412	Y
7	STD500 460-998454/9	500.0	346.644033	50.0	662730.0	0.693288	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

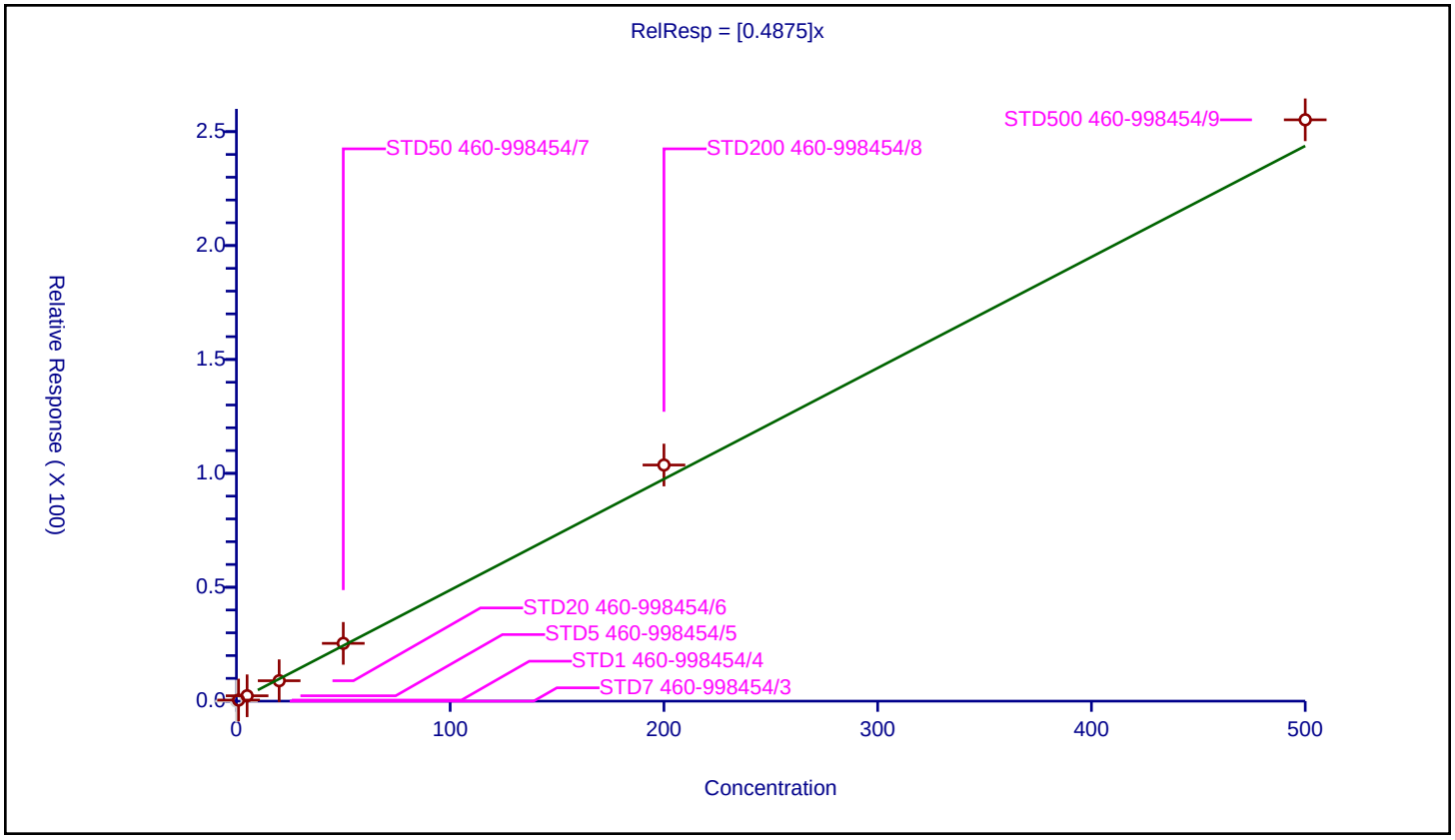
Curve Coefficients

Intercept:	0
Slope:	0.4875

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.468793	50.0	467477.0	0.468793	Y
3	STD5 460-998454/5	5.0	2.360837	50.0	531824.0	0.472167	Y
4	STD20 460-998454/6	20.0	8.957095	50.0	545227.0	0.447855	Y
5	STD50 460-998454/7	50.0	25.364396	50.0	560037.0	0.507288	Y
6	STD200 460-998454/8	200.0	103.660159	50.0	598280.0	0.518301	Y
7	STD500 460-998454/9	500.0	255.209361	50.0	662730.0	0.510419	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

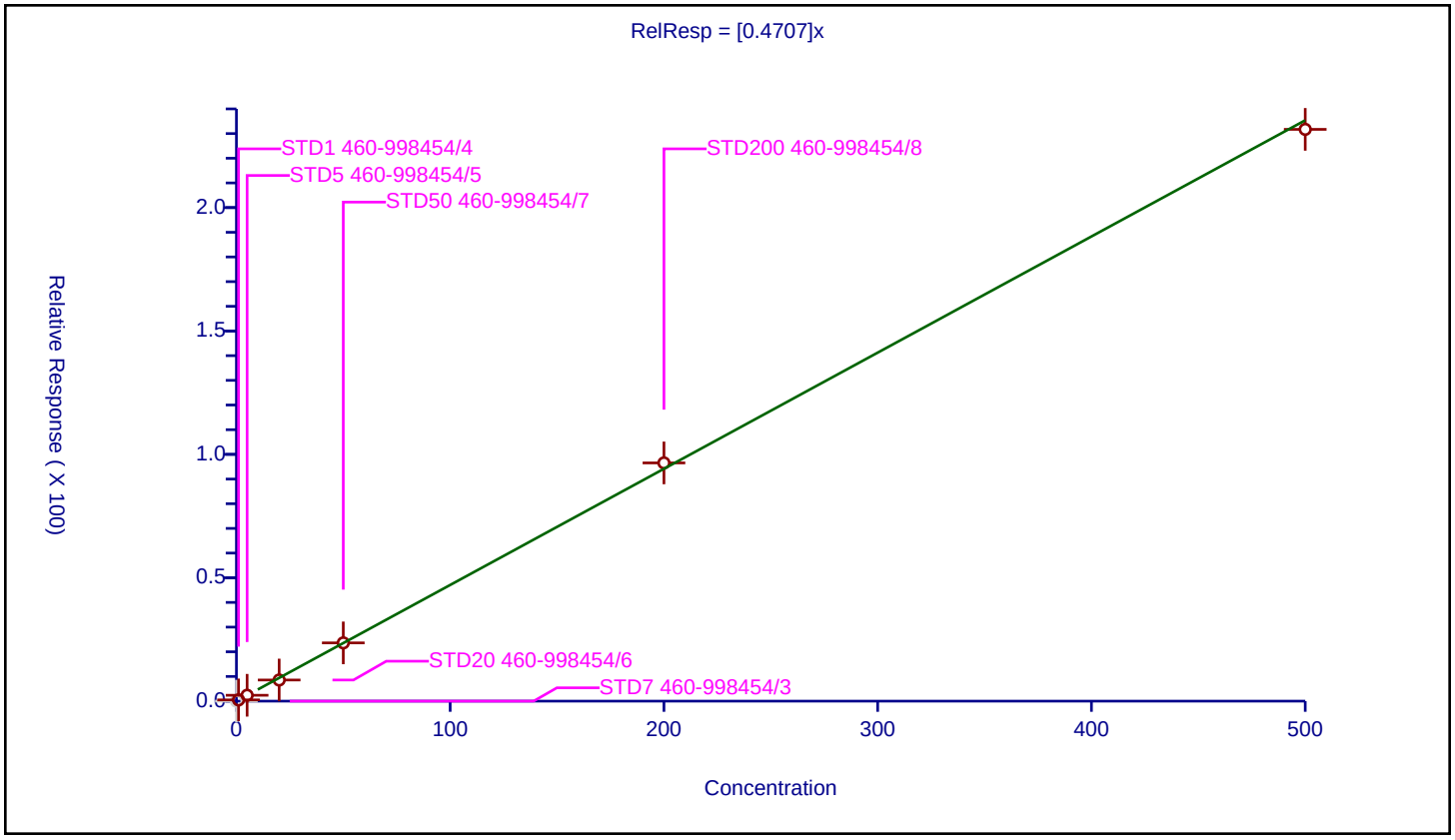
Curve Coefficients

Intercept:	0
Slope:	0.4707

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.501736	50.0	467477.0	0.501736	Y
3	STD5 460-998454/5	5.0	2.380205	50.0	531824.0	0.476041	Y
4	STD20 460-998454/6	20.0	8.567624	50.0	545227.0	0.428381	Y
5	STD50 460-998454/7	50.0	23.60844	50.0	560037.0	0.472169	Y
6	STD200 460-998454/8	200.0	96.542923	50.0	598280.0	0.482715	Y
7	STD500 460-998454/9	500.0	231.701975	50.0	662730.0	0.463404	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

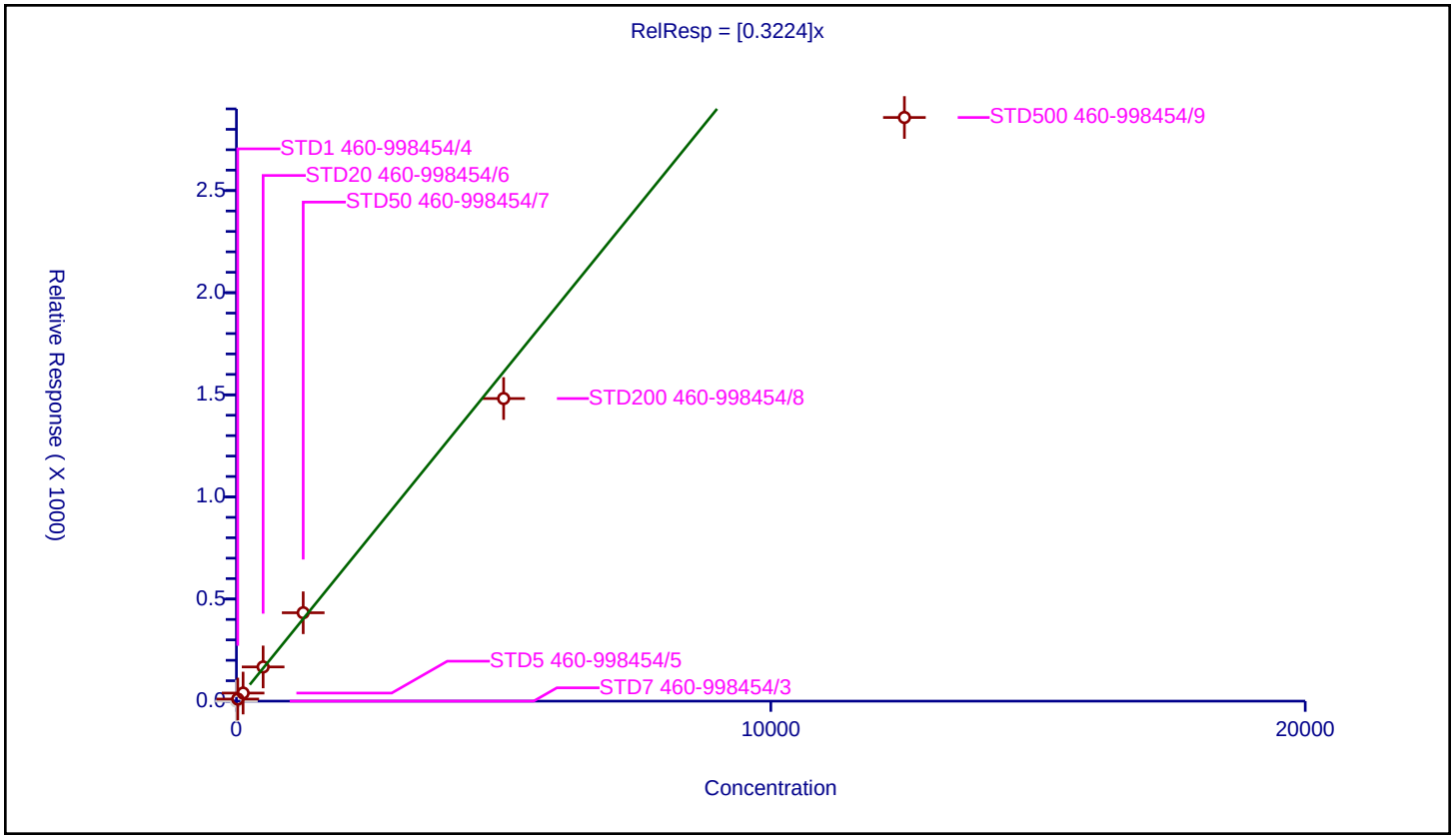
Curve Coefficients

Intercept:	0
Slope:	0.3224

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	25.0	10.297909	1000.0	335505.0	0.411916	Y
3	STD5 460-998454/5	125.0	39.571475	1000.0	412671.0	0.316572	Y
4	STD20 460-998454/6	500.0	167.479082	1000.0	395118.0	0.334958	Y
5	STD50 460-998454/7	1250.0	432.740703	1000.0	423198.0	0.346193	Y
6	STD200 460-998454/8	5000.0	1481.738706	1000.0	569757.0	0.296348	Y
7	STD500 460-998454/9	12500.0	2857.924456	1000.0	860507.0	0.228634	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

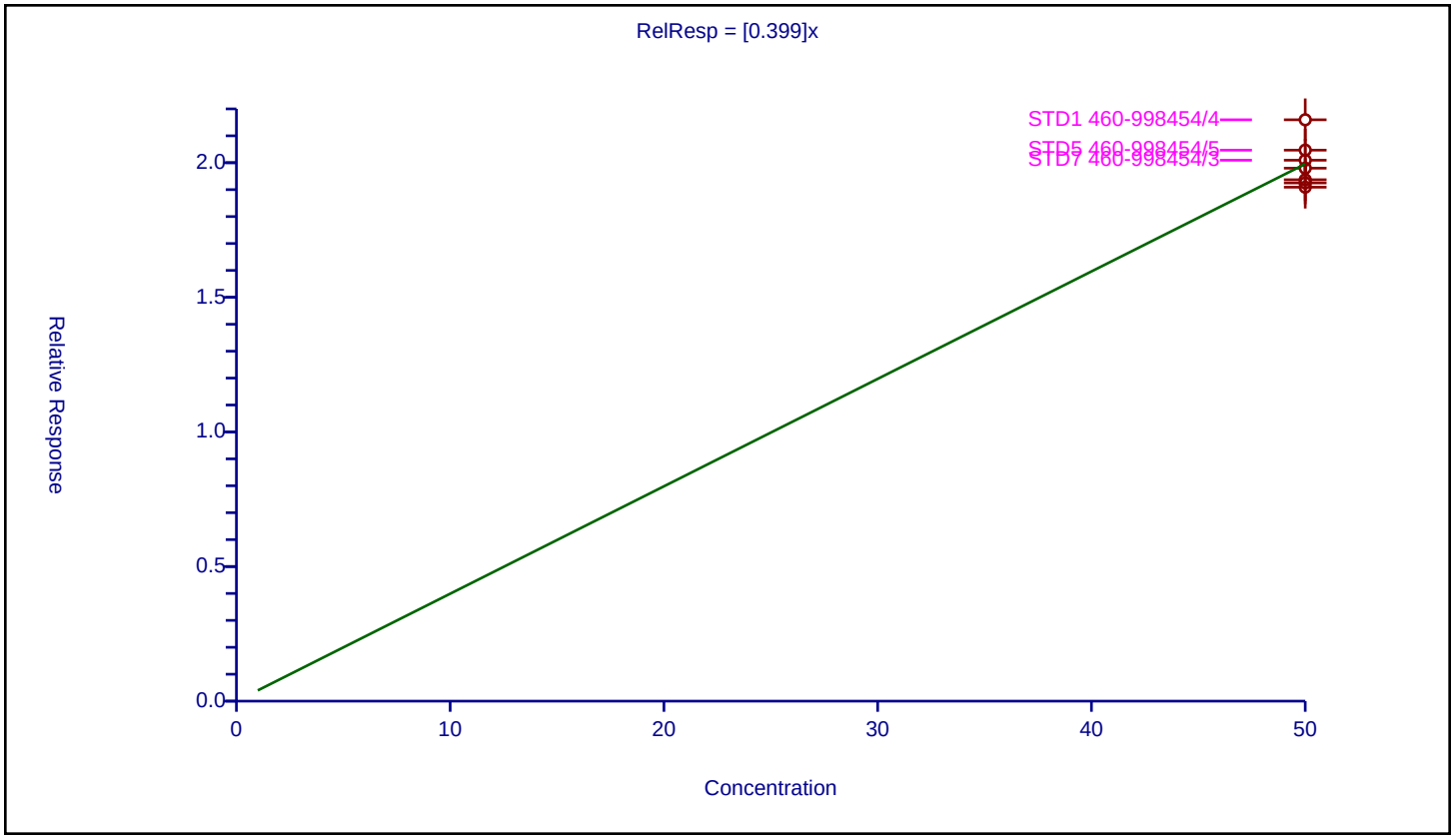
Curve Coefficients

Intercept:	0
Slope:	0.399

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	50.0	20.09321	50.0	506171.0	0.401864	Y
2	STD1 460-998454/4	50.0	21.595287	50.0	467477.0	0.431906	Y
3	STD5 460-998454/5	50.0	20.467768	50.0	531824.0	0.409355	Y
4	STD20 460-998454/6	50.0	19.797809	50.0	545227.0	0.395956	Y
5	STD50 460-998454/7	50.0	19.249264	50.0	560037.0	0.384985	Y
6	STD200 460-998454/8	50.0	19.09173	50.0	598280.0	0.381835	Y
7	STD500 460-998454/9	50.0	19.368747	50.0	662730.0	0.387375	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

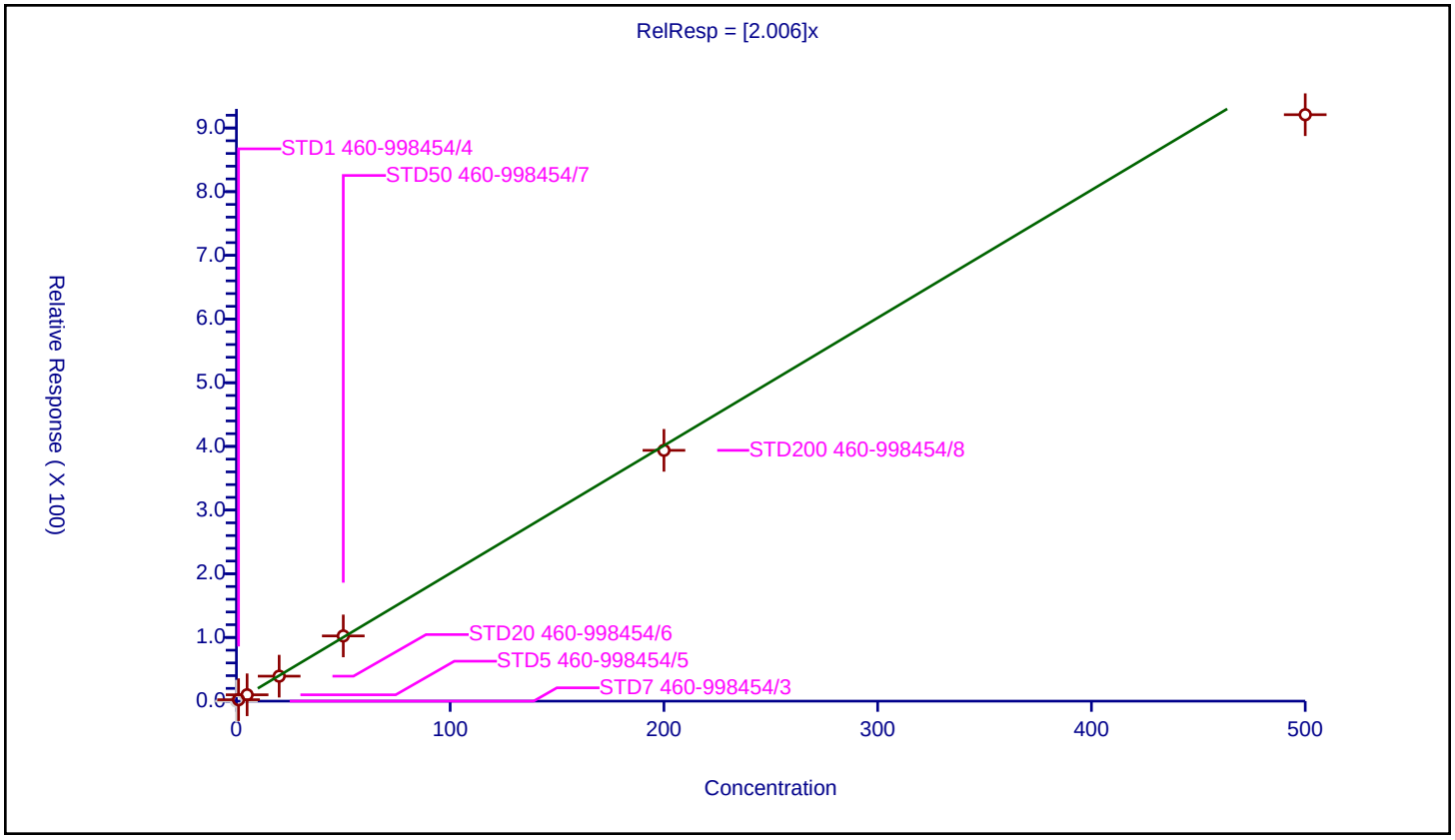
Curve Coefficients

Intercept:	0
Slope:	2.006

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	2.220776	50.0	335716.0	2.220776	Y
3	STD5 460-998454/5	5.0	9.993852	50.0	380589.0	1.99877	Y
4	STD20 460-998454/6	20.0	39.201202	50.0	397998.0	1.96006	Y
5	STD50 460-998454/7	50.0	102.398917	50.0	425296.0	2.047978	Y
6	STD200 460-998454/8	200.0	393.810547	50.0	478863.0	1.969053	Y
7	STD500 460-998454/9	500.0	920.889661	50.0	563664.0	1.841779	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

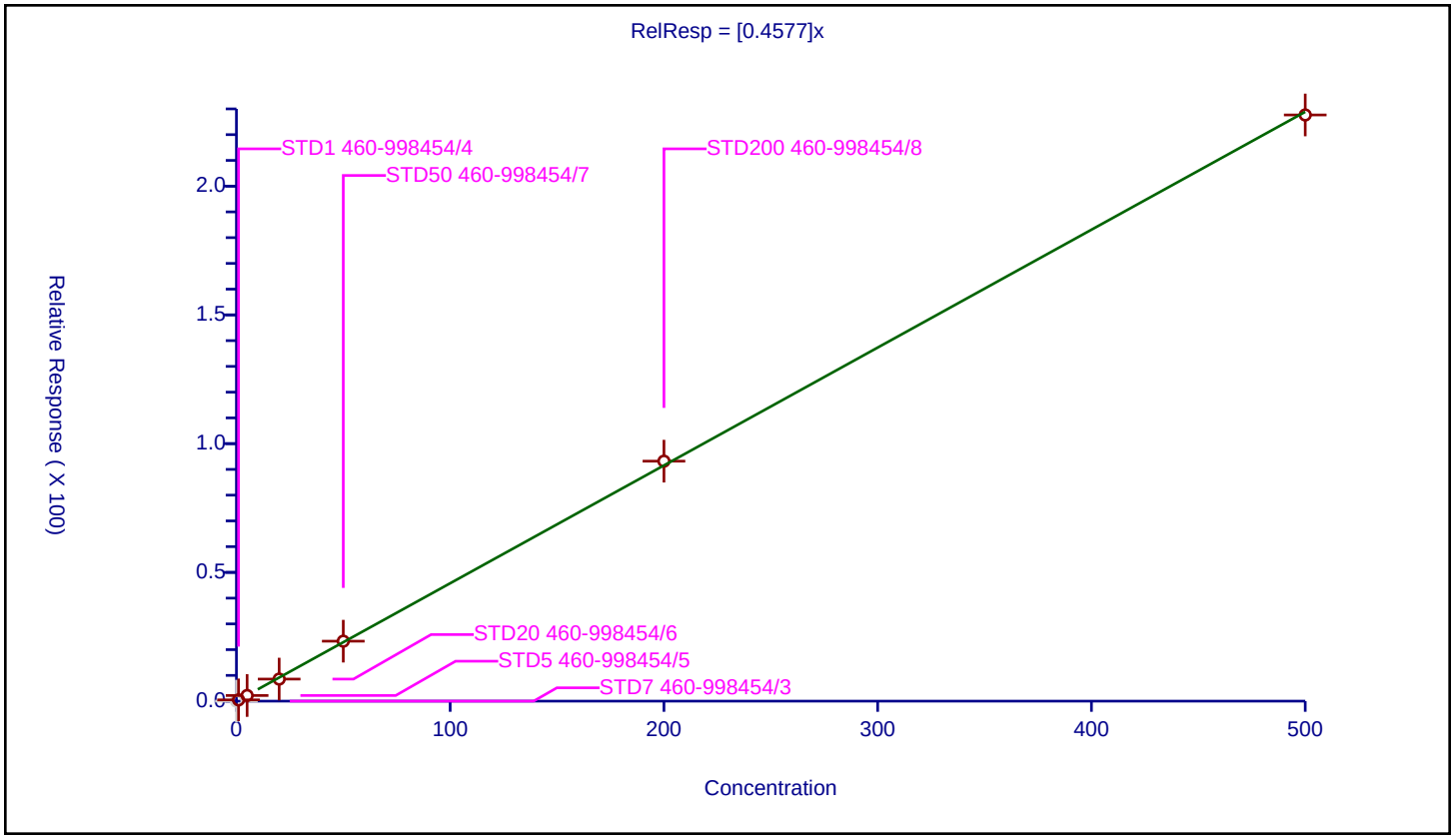
Curve Coefficients

Intercept:	0
Slope:	0.4577

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.492752	50.0	467477.0	0.492752	Y
3	STD5 460-998454/5	5.0	2.19001	50.0	531824.0	0.438002	Y
4	STD20 460-998454/6	20.0	8.568266	50.0	545227.0	0.428413	Y
5	STD50 460-998454/7	50.0	23.285158	50.0	560037.0	0.465703	Y
6	STD200 460-998454/8	200.0	93.203182	50.0	598280.0	0.466016	Y
7	STD500 460-998454/9	500.0	227.643611	50.0	662730.0	0.455287	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

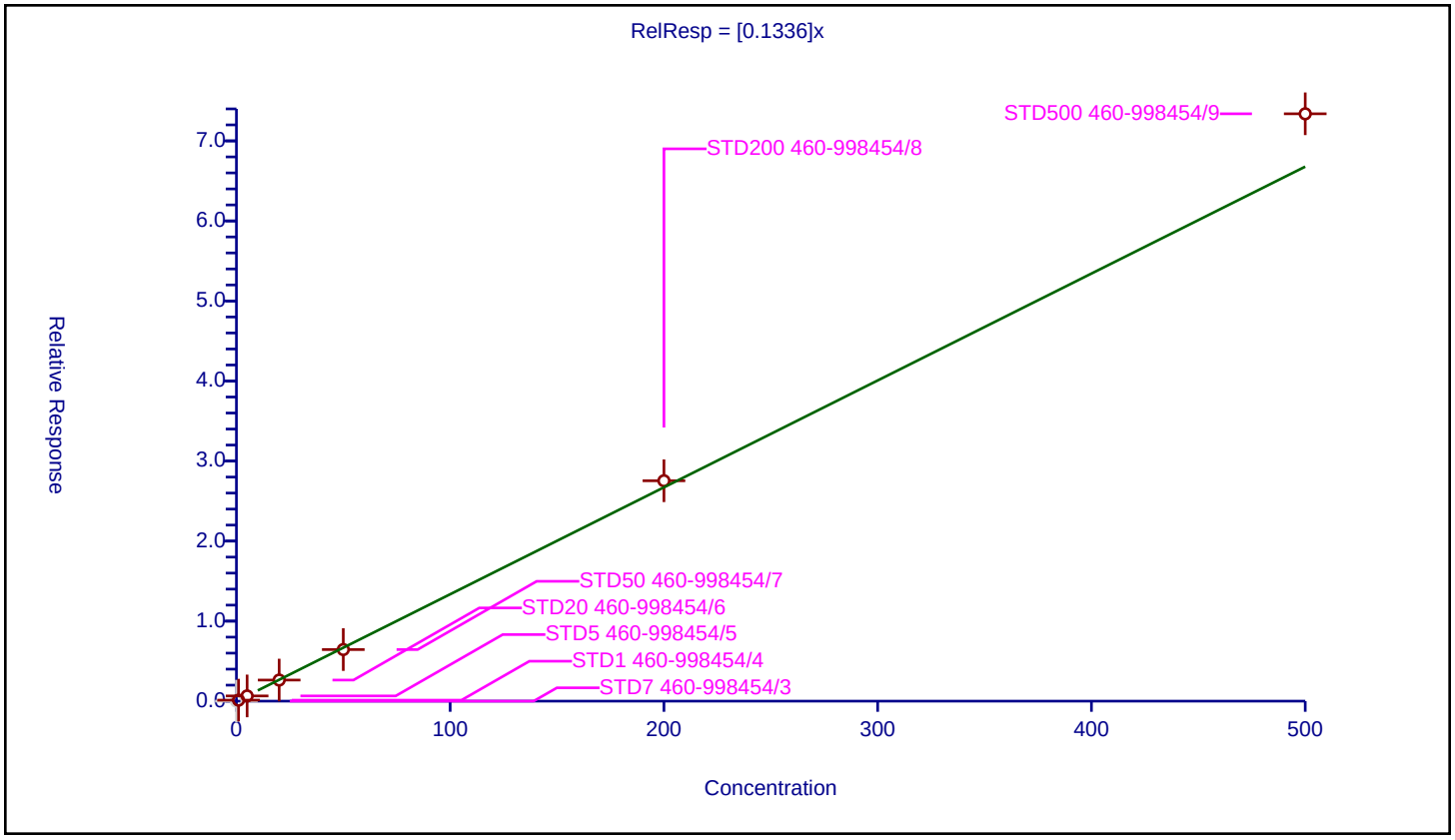
Curve Coefficients

Intercept:	0
Slope:	0.1336

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.126102	50.0	467477.0	0.126102	Y
3	STD5 460-998454/5	5.0	0.650873	50.0	531824.0	0.130175	Y
4	STD20 460-998454/6	20.0	2.635049	50.0	545227.0	0.131752	Y
5	STD50 460-998454/7	50.0	6.445288	50.0	560037.0	0.128906	Y
6	STD200 460-998454/8	200.0	27.535769	50.0	598280.0	0.137679	Y
7	STD500 460-998454/9	500.0	73.385994	50.0	662730.0	0.146772	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

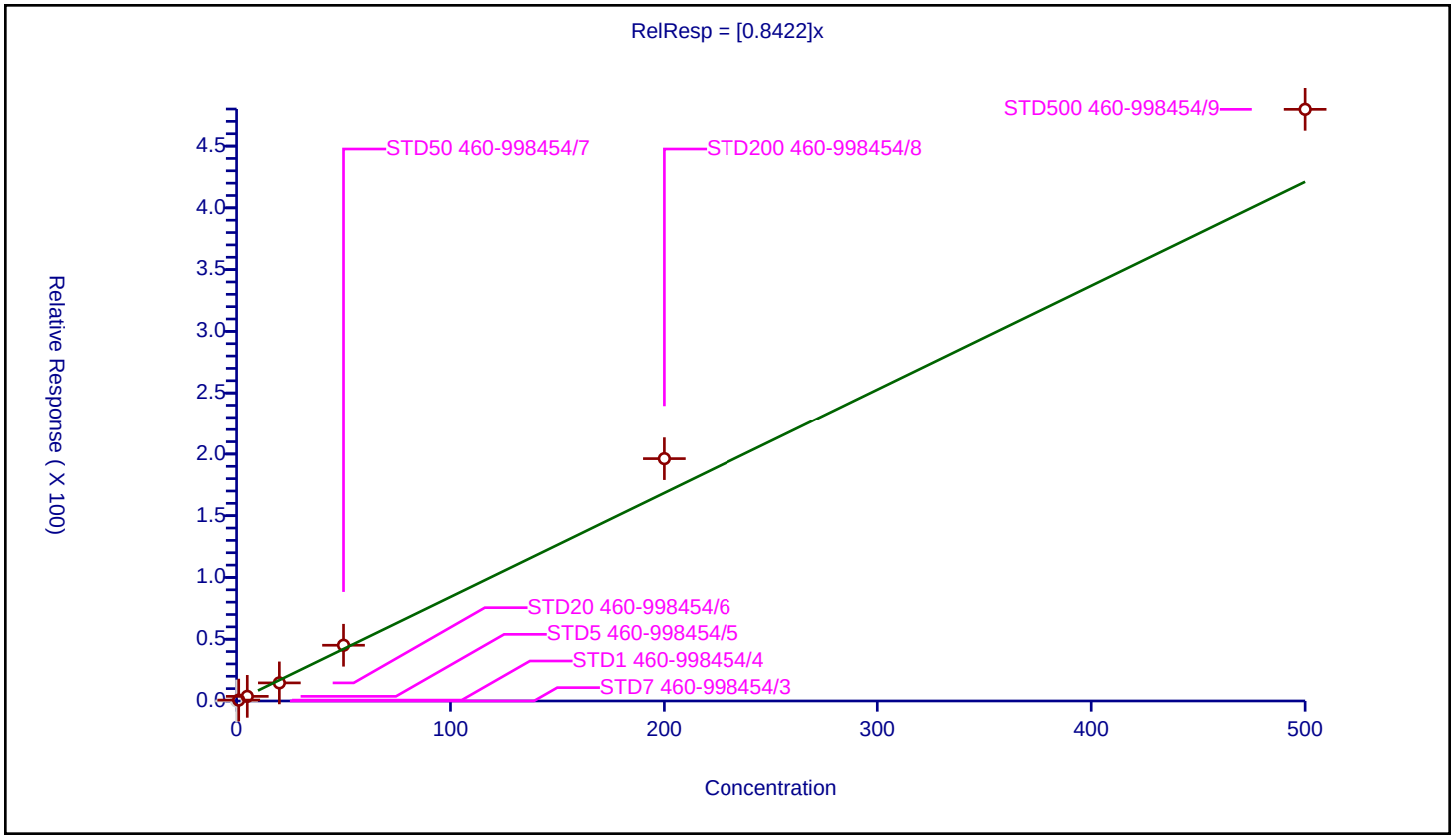
Curve Coefficients

Intercept:	0
Slope:	0.8422

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.729234	50.0	467477.0	0.729234	Y
3	STD5 460-998454/5	5.0	3.74795	50.0	531824.0	0.74959	Y
4	STD20 460-998454/6	20.0	14.636014	50.0	545227.0	0.731801	Y
5	STD50 460-998454/7	50.0	45.117465	50.0	560037.0	0.902349	Y
6	STD200 460-998454/8	200.0	196.198268	50.0	598280.0	0.980991	Y
7	STD500 460-998454/9	500.0	479.744089	50.0	662730.0	0.959488	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

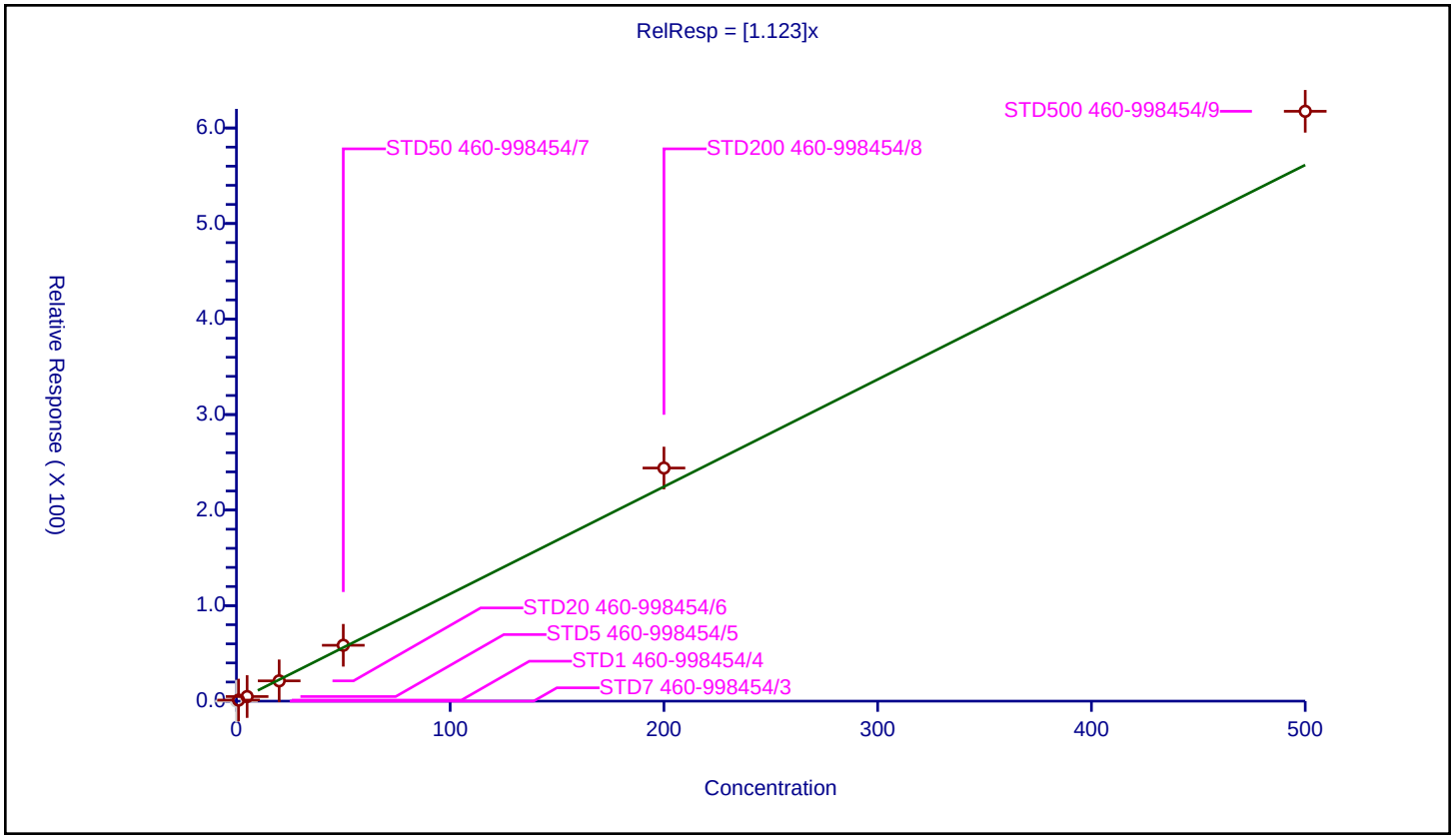
Curve Coefficients

Intercept:	0
Slope:	1.123

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	1.089038	50.0	467477.0	1.089038	Y
3	STD5 460-998454/5	5.0	4.802341	50.0	531824.0	0.960468	Y
4	STD20 460-998454/6	20.0	21.228497	50.0	545227.0	1.061425	Y
5	STD50 460-998454/7	50.0	58.468815	50.0	560037.0	1.169376	Y
6	STD200 460-998454/8	200.0	244.042254	50.0	598280.0	1.220211	Y
7	STD500 460-998454/9	500.0	617.494455	50.0	662730.0	1.234989	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

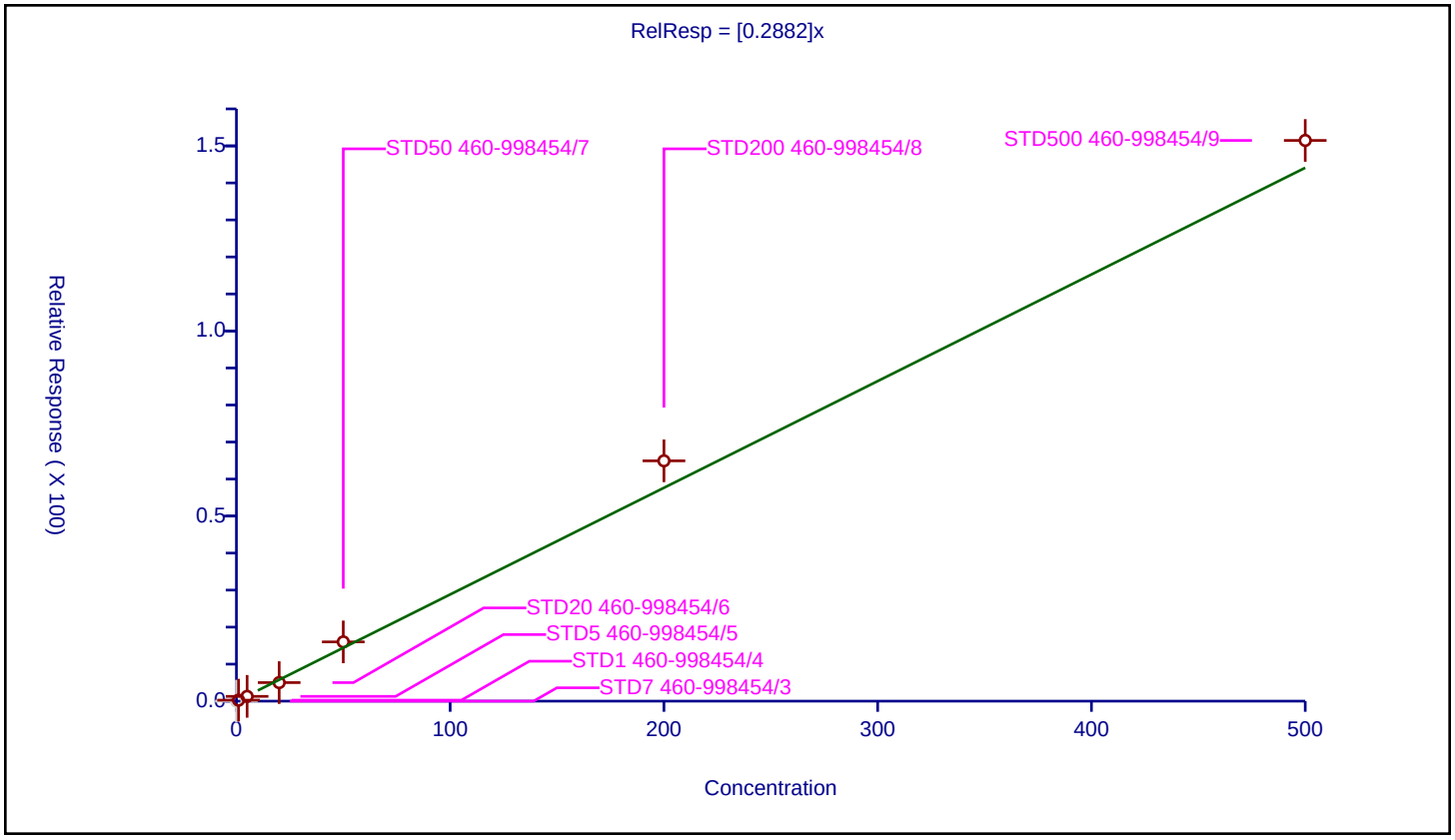
Curve Coefficients

Intercept:	0
Slope:	0.2882

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.271885	50.0	467477.0	0.271885	Y
3	STD5 460-998454/5	5.0	1.294695	50.0	531824.0	0.258939	Y
4	STD20 460-998454/6	20.0	5.010849	50.0	545227.0	0.250542	Y
5	STD50 460-998454/7	50.0	16.006175	50.0	560037.0	0.320123	Y
6	STD200 460-998454/8	200.0	64.922277	50.0	598280.0	0.324611	Y
7	STD500 460-998454/9	500.0	151.4733	50.0	662730.0	0.302947	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

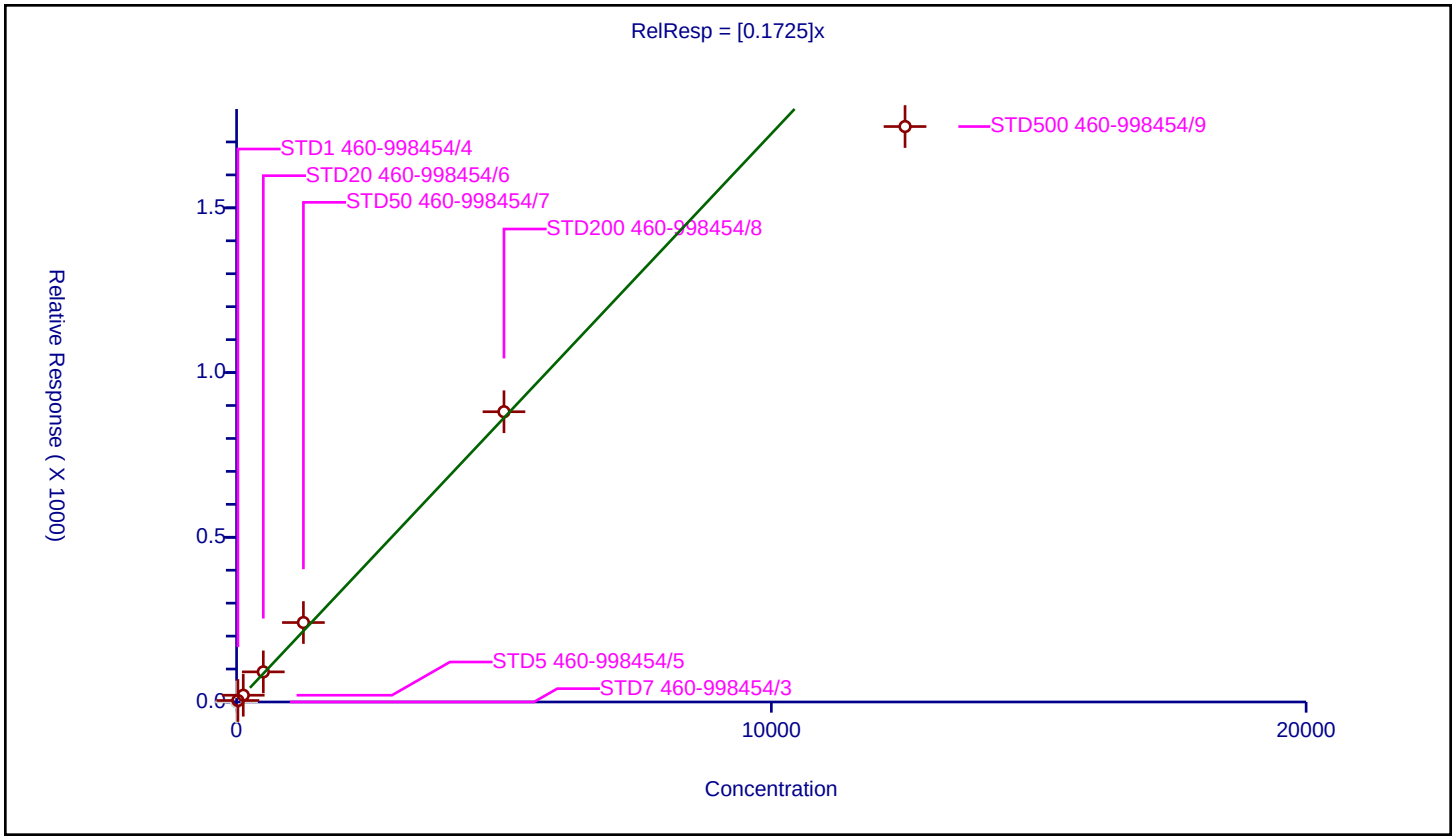
Curve Coefficients

Intercept:	0
Slope:	0.1725

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	391487.0	NaN	N
2	STD1 460-998454/4	25.0	4.476833	1000.0	335505.0	0.179073	Y
3	STD5 460-998454/5	125.0	20.512709	1000.0	412671.0	0.164102	Y
4	STD20 460-998454/6	500.0	91.463816	1000.0	395118.0	0.182928	Y
5	STD50 460-998454/7	1250.0	241.144807	1000.0	423198.0	0.192916	Y
6	STD200 460-998454/8	5000.0	881.042269	1000.0	569757.0	0.176208	Y
7	STD500 460-998454/9	12500.0	1746.810892	1000.0	860507.0	0.139745	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

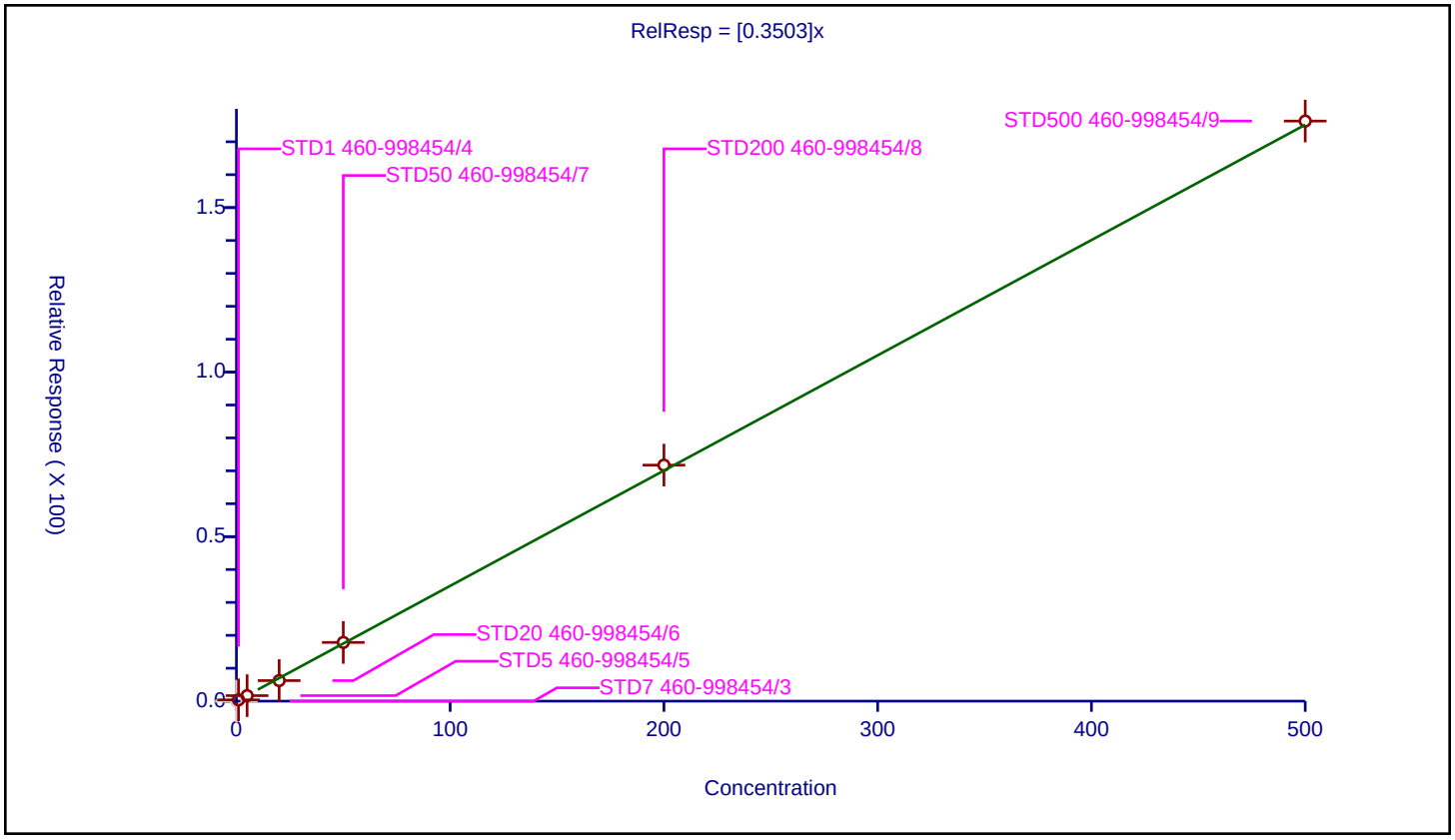
Curve Coefficients

Intercept:	0
Slope:	0.3503

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.386864	50.0	467477.0	0.386864	Y
3	STD5 460-998454/5	5.0	1.674332	50.0	531824.0	0.334866	Y
4	STD20 460-998454/6	20.0	6.244463	50.0	545227.0	0.312223	Y
5	STD50 460-998454/7	50.0	17.8415	50.0	560037.0	0.35683	Y
6	STD200 460-998454/8	200.0	71.728622	50.0	598280.0	0.358643	Y
7	STD500 460-998454/9	500.0	176.304604	50.0	662730.0	0.352609	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

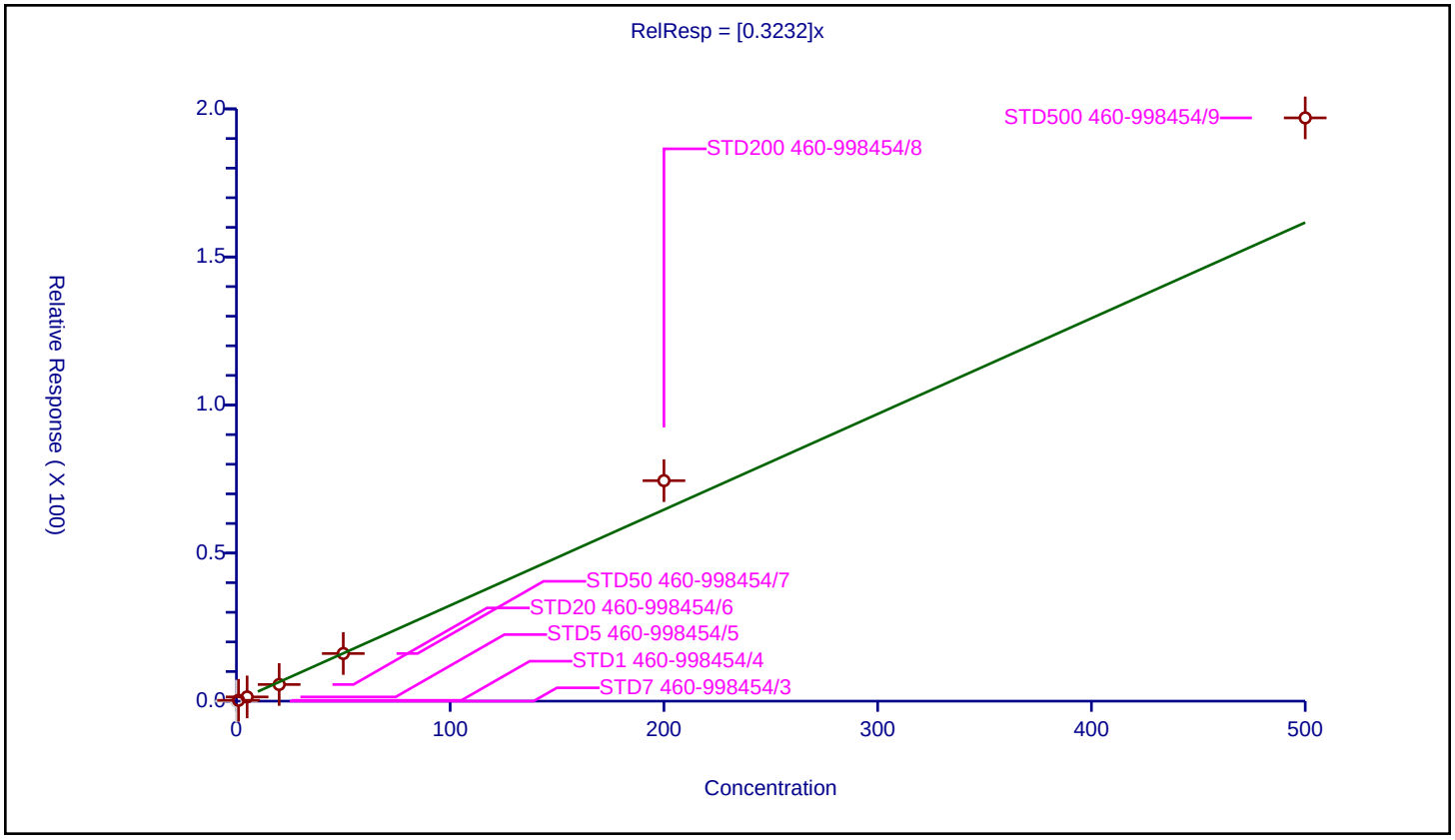
Curve Coefficients

Intercept:	0
Slope:	0.3232

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.284613	50.0	467477.0	0.284613	Y
3	STD5 460-998454/5	5.0	1.429044	50.0	531824.0	0.285809	Y
4	STD20 460-998454/6	20.0	5.62032	50.0	545227.0	0.281016	Y
5	STD50 460-998454/7	50.0	16.089473	50.0	560037.0	0.321789	Y
6	STD200 460-998454/8	200.0	74.460955	50.0	598280.0	0.372305	Y
7	STD500 460-998454/9	500.0	196.962941	50.0	662730.0	0.393926	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

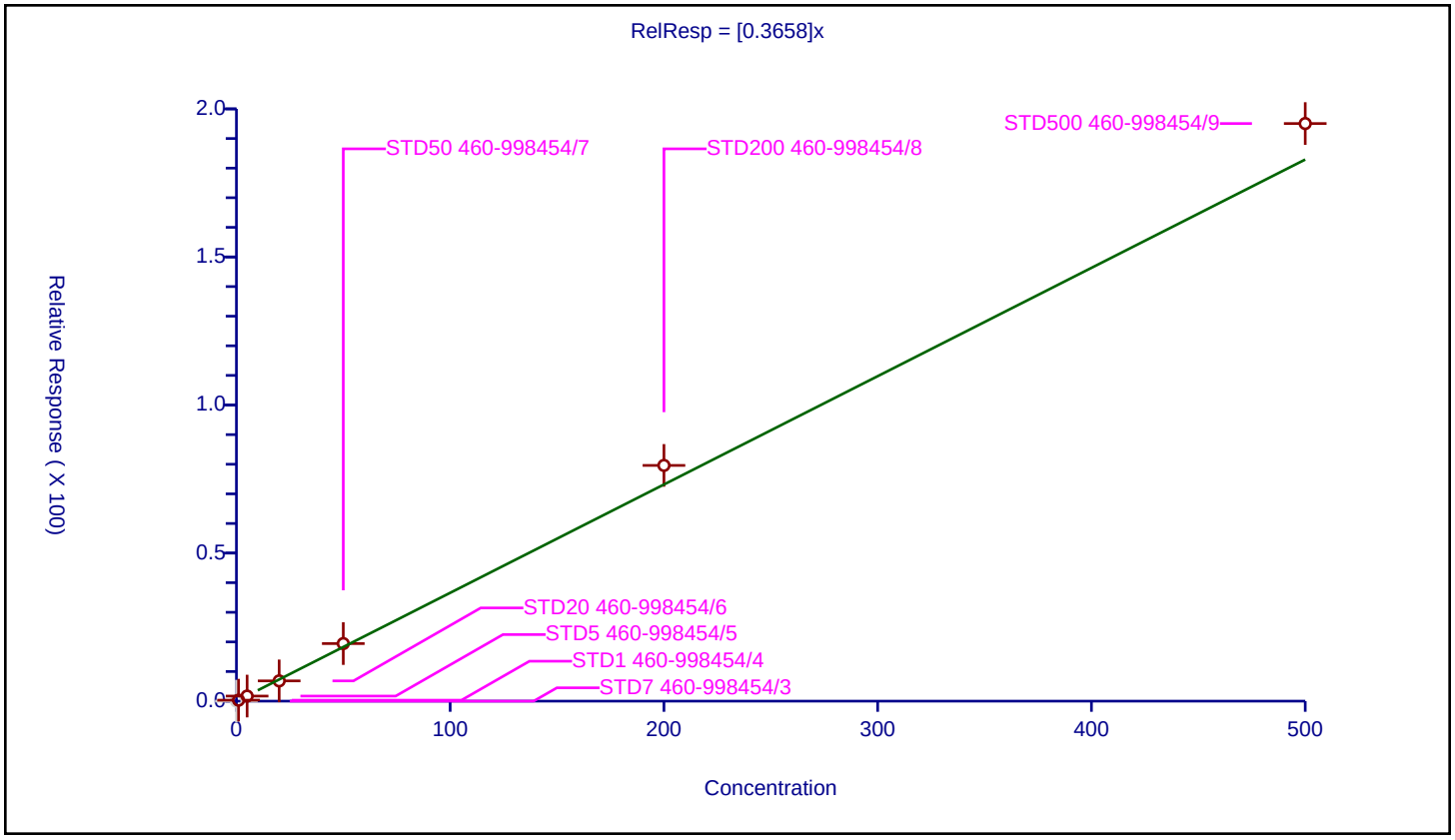
Curve Coefficients

Intercept:	0
Slope:	0.3658

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.332637	50.0	467477.0	0.332637	Y
3	STD5 460-998454/5	5.0	1.715887	50.0	531824.0	0.343177	Y
4	STD20 460-998454/6	20.0	6.838986	50.0	545227.0	0.341949	Y
5	STD50 460-998454/7	50.0	19.443805	50.0	560037.0	0.388876	Y
6	STD200 460-998454/8	200.0	79.602026	50.0	598280.0	0.39801	Y
7	STD500 460-998454/9	500.0	195.05251	50.0	662730.0	0.390105	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

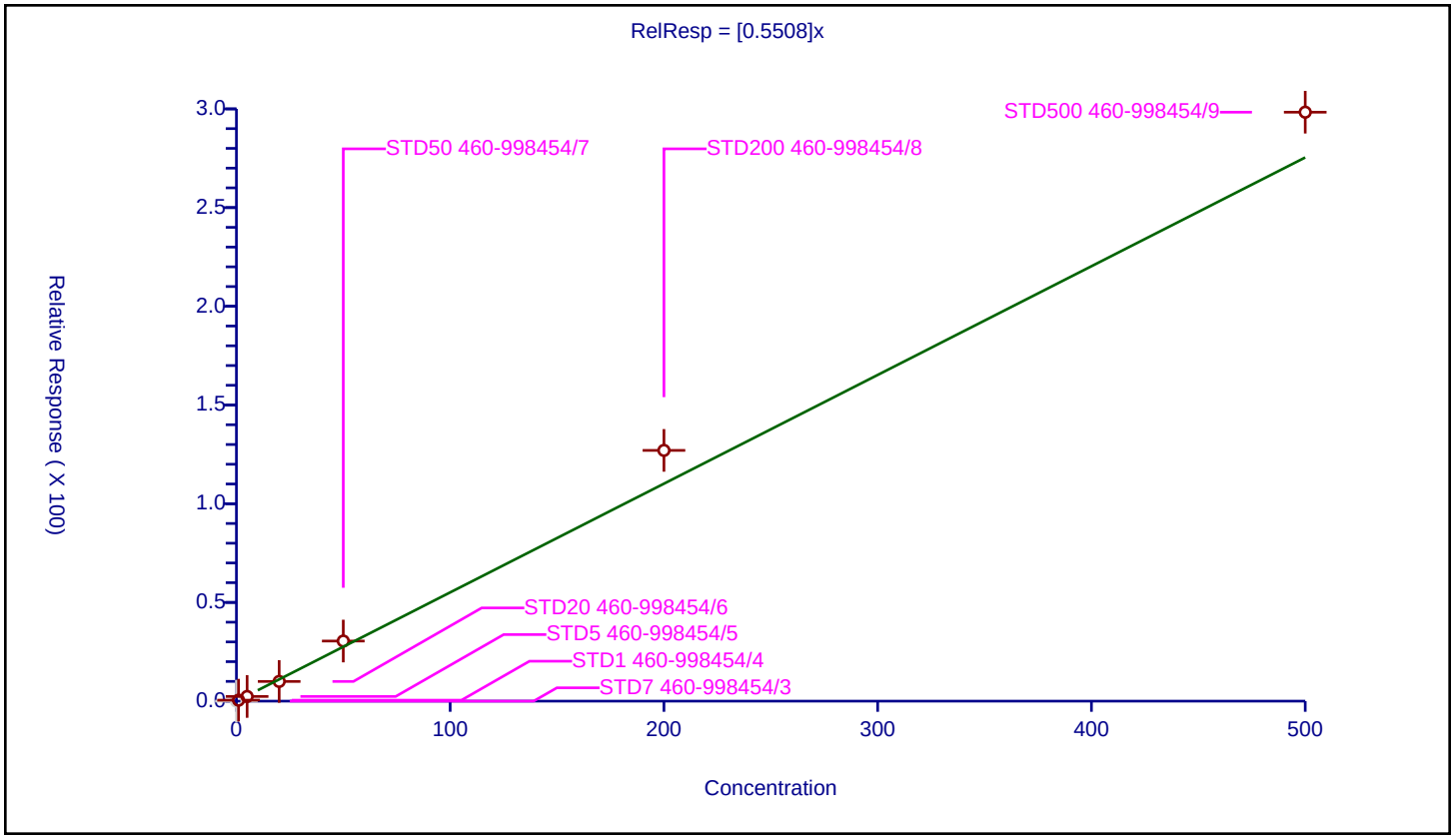
Curve Coefficients

Intercept:	0
Slope:	0.5508

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.492003	50.0	467477.0	0.492003	Y
3	STD5 460-998454/5	5.0	2.365068	50.0	531824.0	0.473014	Y
4	STD20 460-998454/6	20.0	9.983365	50.0	545227.0	0.499168	Y
5	STD50 460-998454/7	50.0	30.437364	50.0	560037.0	0.608747	Y
6	STD200 460-998454/8	200.0	127.009678	50.0	598280.0	0.635048	Y
7	STD500 460-998454/9	500.0	298.332277	50.0	662730.0	0.596665	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

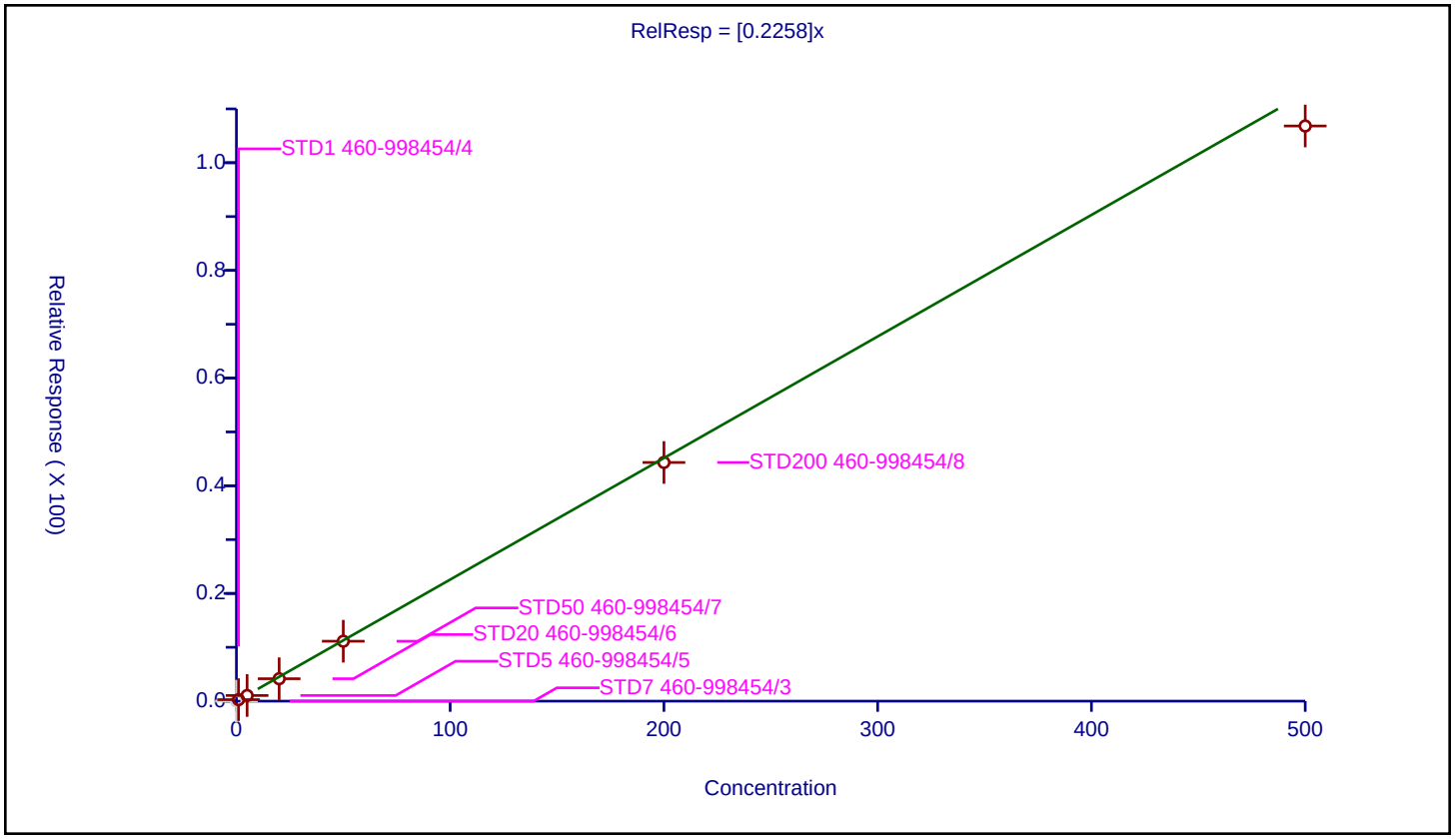
Curve Coefficients

Intercept:	0
Slope:	0.2258

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.279265	50.0	467477.0	0.279265	Y
3	STD5 460-998454/5	5.0	1.047057	50.0	531824.0	0.209411	Y
4	STD20 460-998454/6	20.0	4.161569	50.0	545227.0	0.208078	Y
5	STD50 460-998454/7	50.0	11.12614	50.0	560037.0	0.222523	Y
6	STD200 460-998454/8	200.0	44.326569	50.0	598280.0	0.221633	Y
7	STD500 460-998454/9	500.0	106.8248	50.0	662730.0	0.21365	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

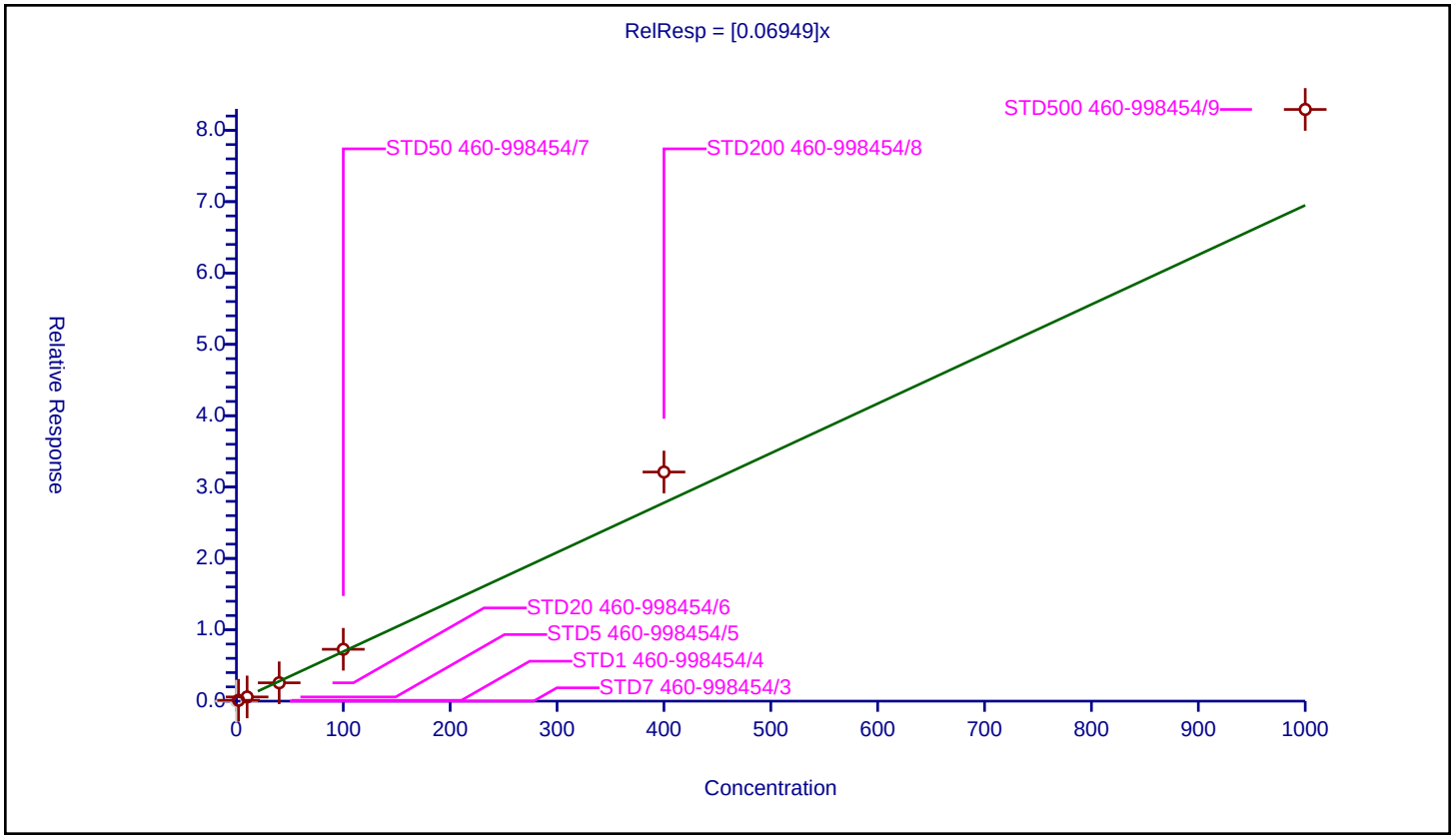
Curve Coefficients

Intercept:	0
Slope:	0.06949

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	2.0	0.116262	50.0	467477.0	0.058131	Y
3	STD5 460-998454/5	10.0	0.58713	50.0	531824.0	0.058713	Y
4	STD20 460-998454/6	40.0	2.569113	50.0	545227.0	0.064228	Y
5	STD50 460-998454/7	100.0	7.268627	50.0	560037.0	0.072686	Y
6	STD200 460-998454/8	400.0	32.110968	50.0	598280.0	0.080277	Y
7	STD500 460-998454/9	1000.0	82.921778	50.0	662730.0	0.082922	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

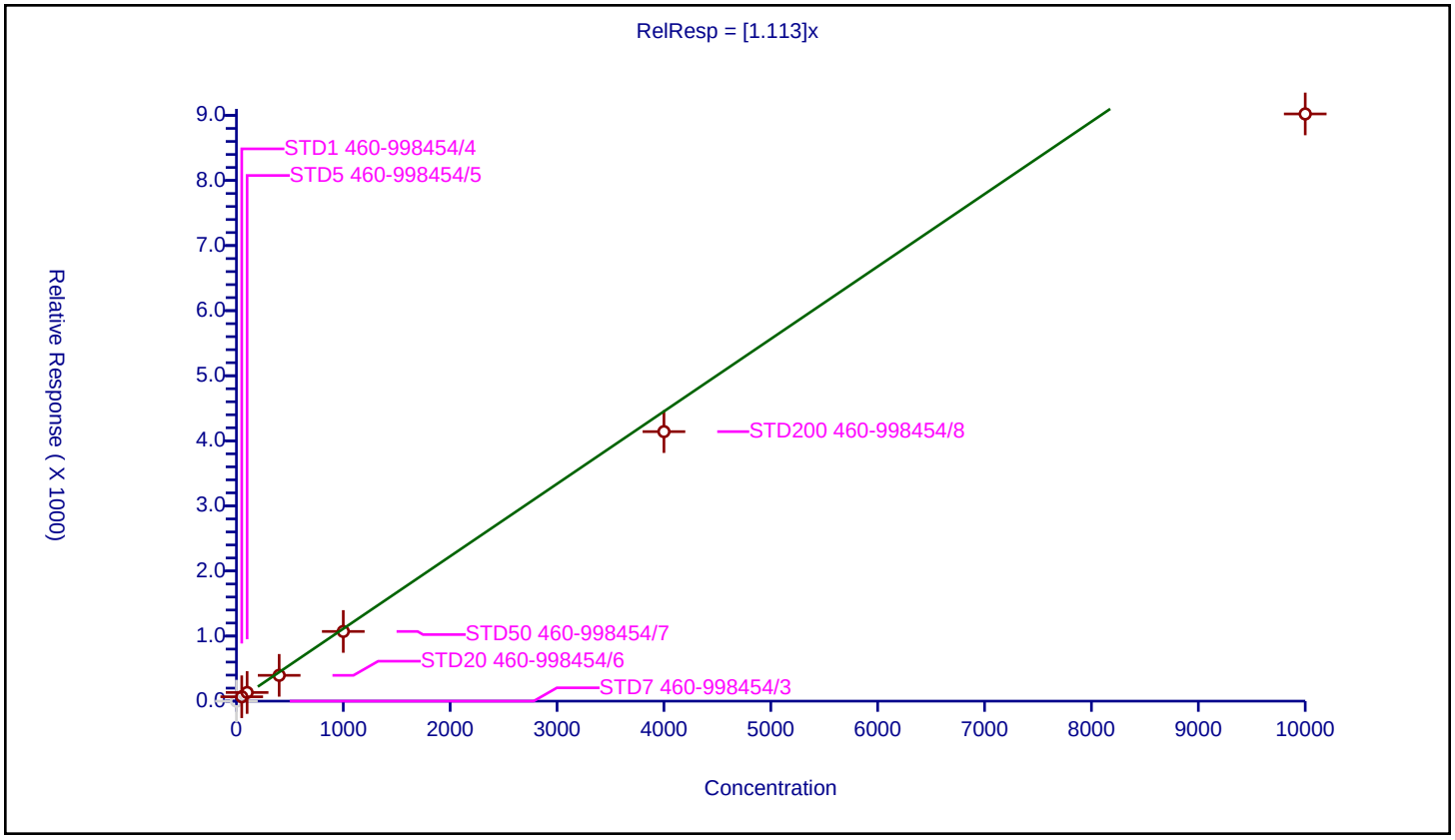
Curve Coefficients

Intercept:	0
Slope:	1.113

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	1000.0	26310.0	NaN	N
2	STD1 460-998454/4	50.000062	67.461869	1000.0	25570.0	1.349236	Y
3	STD5 460-998454/5	100.0	132.938239	1000.0	33241.0	1.329382	Y
4	STD20 460-998454/6	400.0	396.450058	1000.0	33409.0	0.991125	Y
5	STD50 460-998454/7	1000.0	1070.860547	1000.0	36593.0	1.070861	Y
6	STD200 460-998454/8	4000.0	4141.289094	1000.0	39904.0	1.035322	Y
7	STD500 460-998454/9	10000.0	9022.690782	1000.0	51695.0	0.902269	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

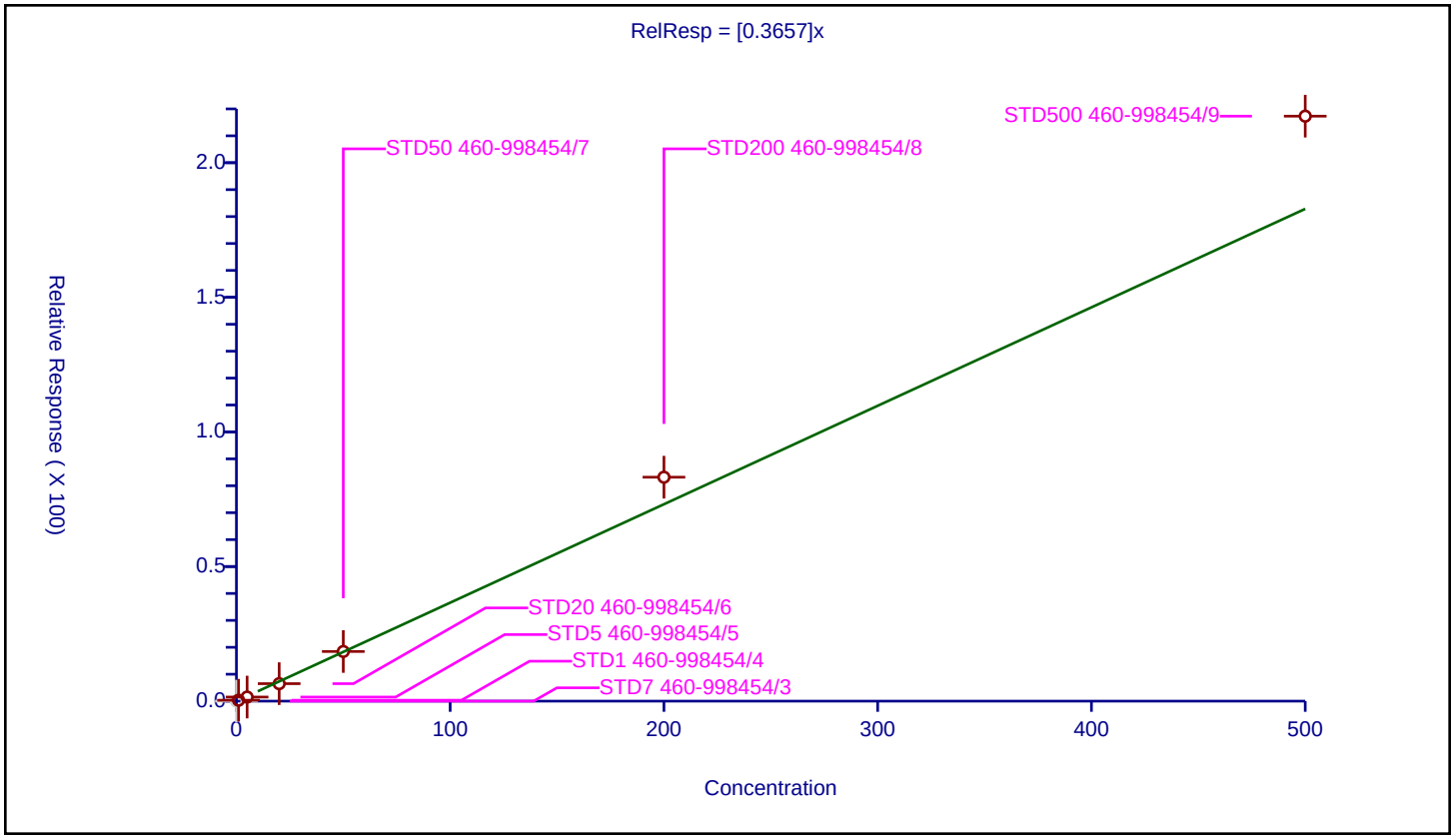
Curve Coefficients

Intercept:	0
Slope:	0.3657

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.345792	50.0	467477.0	0.345792	Y
3	STD5 460-998454/5	5.0	1.522214	50.0	531824.0	0.304443	Y
4	STD20 460-998454/6	20.0	6.4917	50.0	545227.0	0.324585	Y
5	STD50 460-998454/7	50.0	18.44762	50.0	560037.0	0.368952	Y
6	STD200 460-998454/8	200.0	83.185716	50.0	598280.0	0.415929	Y
7	STD500 460-998454/9	500.0	217.29641	50.0	662730.0	0.434593	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

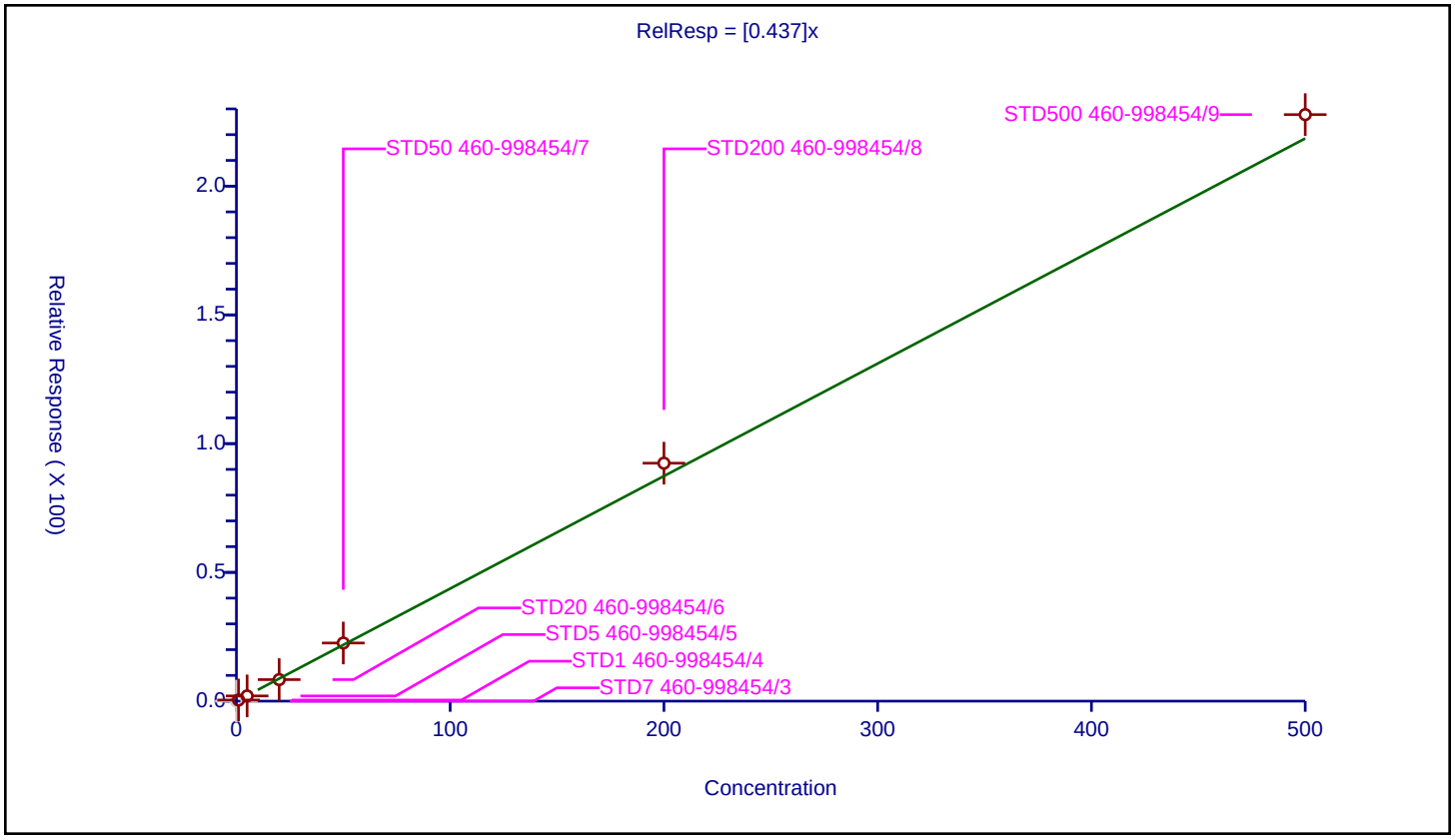
Curve Coefficients

Intercept:	0
Slope:	0.437

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0	0.431465	50.0	467477.0	0.431465	Y
3	STD5 460-998454/5	5.0	2.018431	50.0	531824.0	0.403686	Y
4	STD20 460-998454/6	20.0	8.361013	50.0	545227.0	0.418051	Y
5	STD50 460-998454/7	50.0	22.570027	50.0	560037.0	0.451401	Y
6	STD200 460-998454/8	200.0	92.412165	50.0	598280.0	0.462061	Y
7	STD500 460-998454/9	500.0	227.777526	50.0	662730.0	0.455555	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

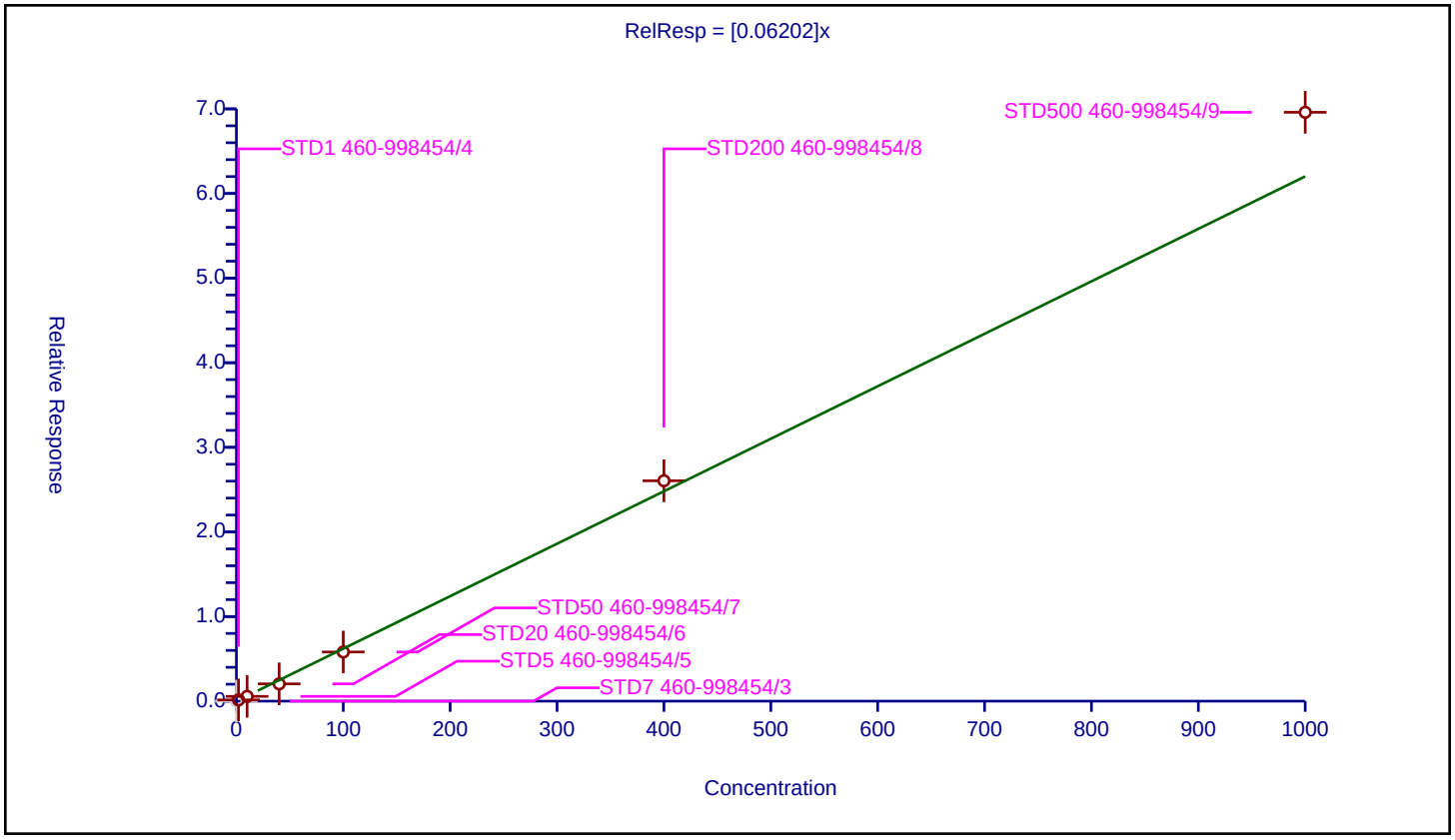
Curve Coefficients

Intercept:	0
Slope:	0.06202

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	2.0	0.14343	50.0	467477.0	0.071715	Y
3	STD5 460-998454/5	10.0	0.56466	50.0	531824.0	0.056466	Y
4	STD20 460-998454/6	40.0	2.04557	50.0	545227.0	0.051139	Y
5	STD50 460-998454/7	100.0	5.81033	50.0	560037.0	0.058103	Y
6	STD200 460-998454/8	400.0	26.043742	50.0	598280.0	0.065109	Y
7	STD500 460-998454/9	1000.0	69.595537	50.0	662730.0	0.069596	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

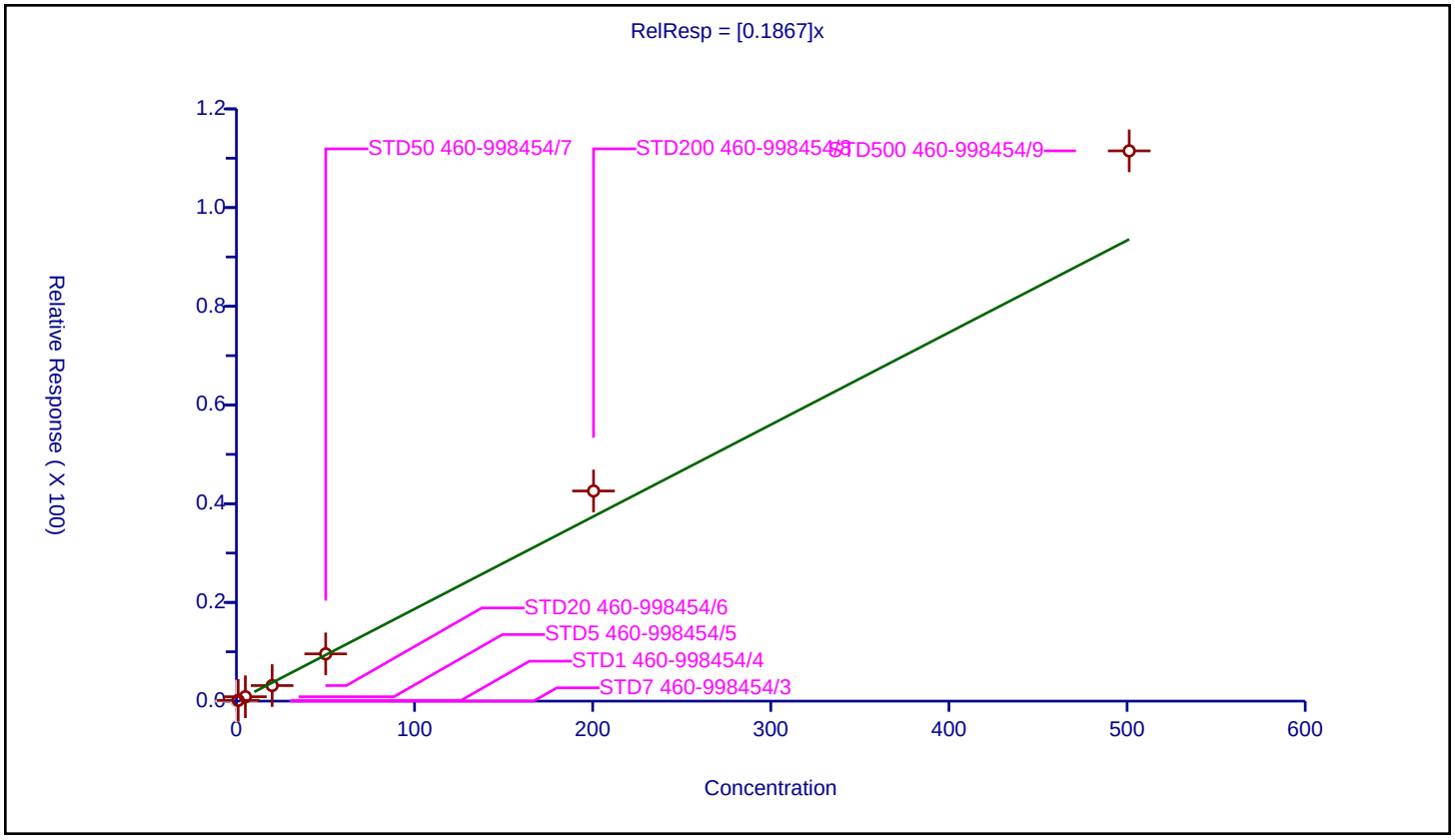
Curve Coefficients

Intercept:	0
Slope:	0.1867

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	506171.0	NaN	N
2	STD1 460-998454/4	1.0024	0.159259	50.0	467477.0	0.158878	Y
3	STD5 460-998454/5	5.012	0.892871	50.0	531824.0	0.178147	Y
4	STD20 460-998454/6	20.048	3.153824	50.0	545227.0	0.157314	Y
5	STD50 460-998454/7	50.12	9.576153	50.0	560037.0	0.191065	Y
6	STD200 460-998454/8	200.48	42.583322	50.0	598280.0	0.212407	Y
7	STD500 460-998454/9	501.2	111.492689	50.0	662730.0	0.222451	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

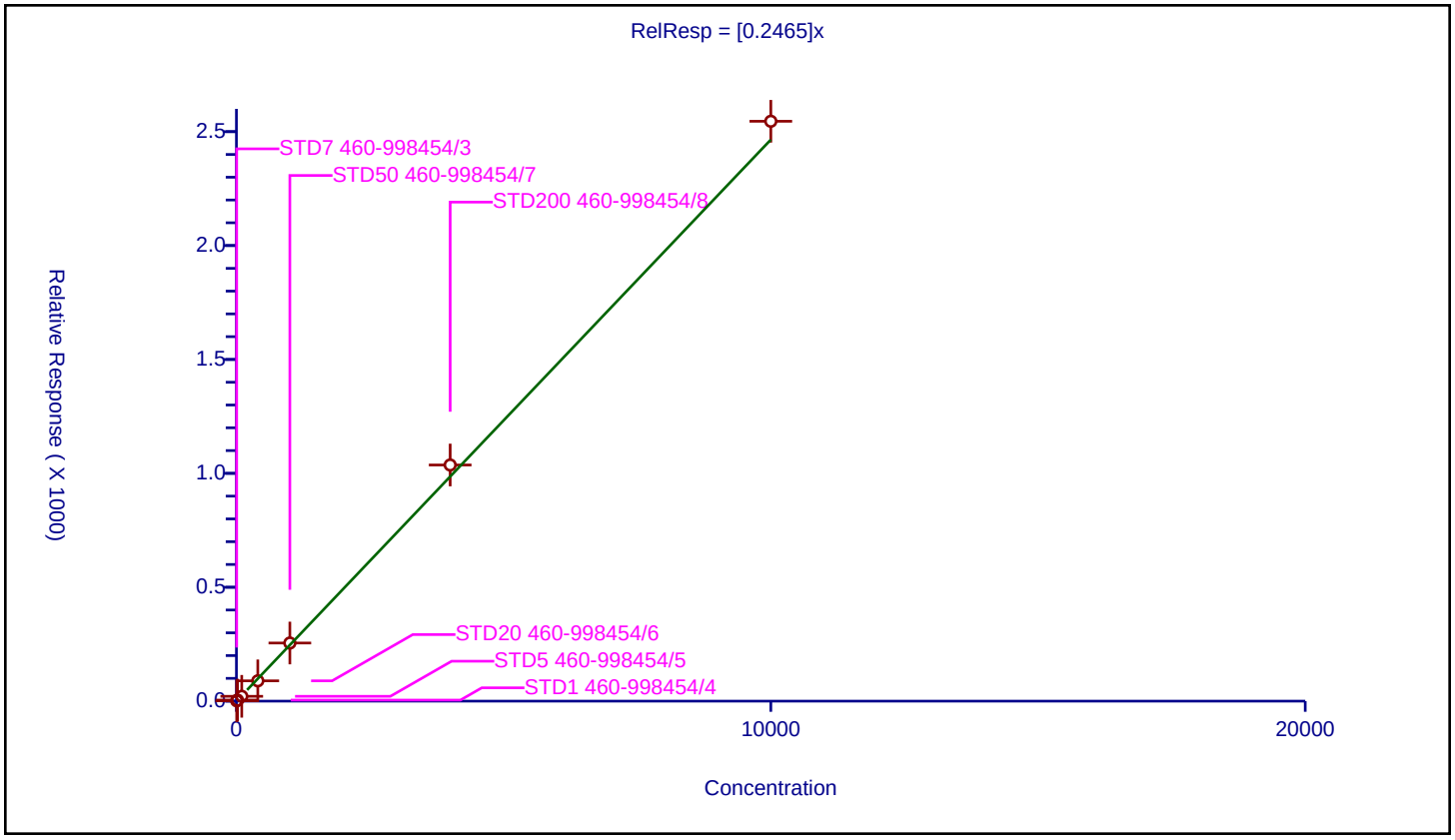
Curve Coefficients

Intercept:	0
Slope:	0.2465

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	5.000009	1.442016	250.0	297847.0	0.288403	Y
2	STD1 460-998454/4	20.000035	4.663418	250.0	279516.0	0.233171	Y
3	STD5 460-998454/5	100.000173	21.208874	250.0	322424.0	0.212088	Y
4	STD20 460-998454/6	400.000692	89.139147	250.0	327617.0	0.222847	Y
5	STD50 460-998454/7	1000.00173	255.178682	250.0	325662.0	0.255178	Y
6	STD200 460-998454/8	4000.00692	1036.70548	250.0	363883.0	0.259176	Y
7	STD500 460-998454/9	10000.0173	2545.58139	250.0	406010.0	0.254558	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

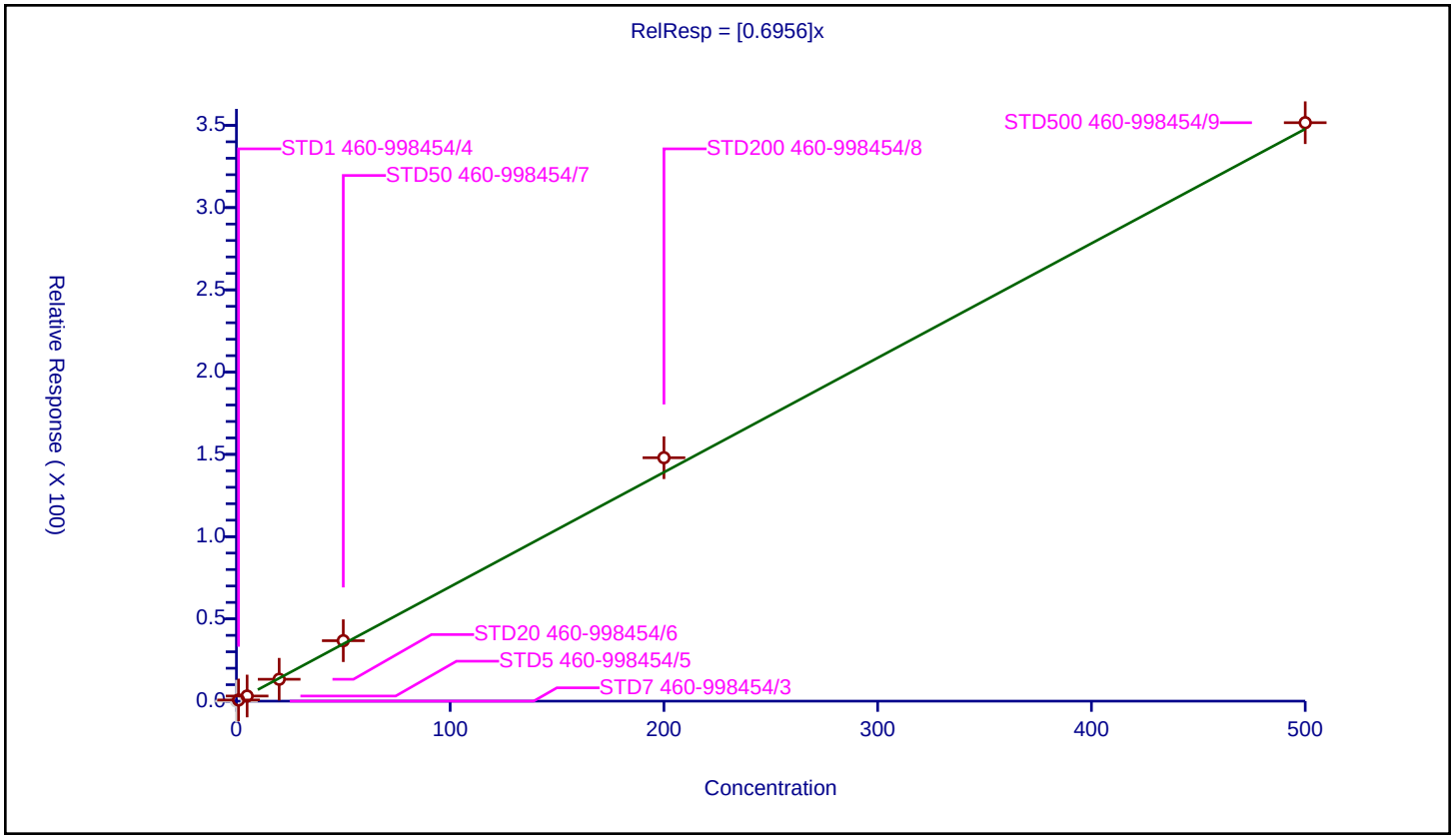
Curve Coefficients

Intercept:	0
Slope:	0.6956

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.708039	50.0	335716.0	0.708039	Y
3	STD5 460-998454/5	5.0	3.111887	50.0	380589.0	0.622377	Y
4	STD20 460-998454/6	20.0	13.304338	50.0	397998.0	0.665217	Y
5	STD50 460-998454/7	50.0	36.742645	50.0	425296.0	0.734853	Y
6	STD200 460-998454/8	200.0	147.960377	50.0	478863.0	0.739802	Y
7	STD500 460-998454/9	500.0	351.614348	50.0	563664.0	0.703229	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

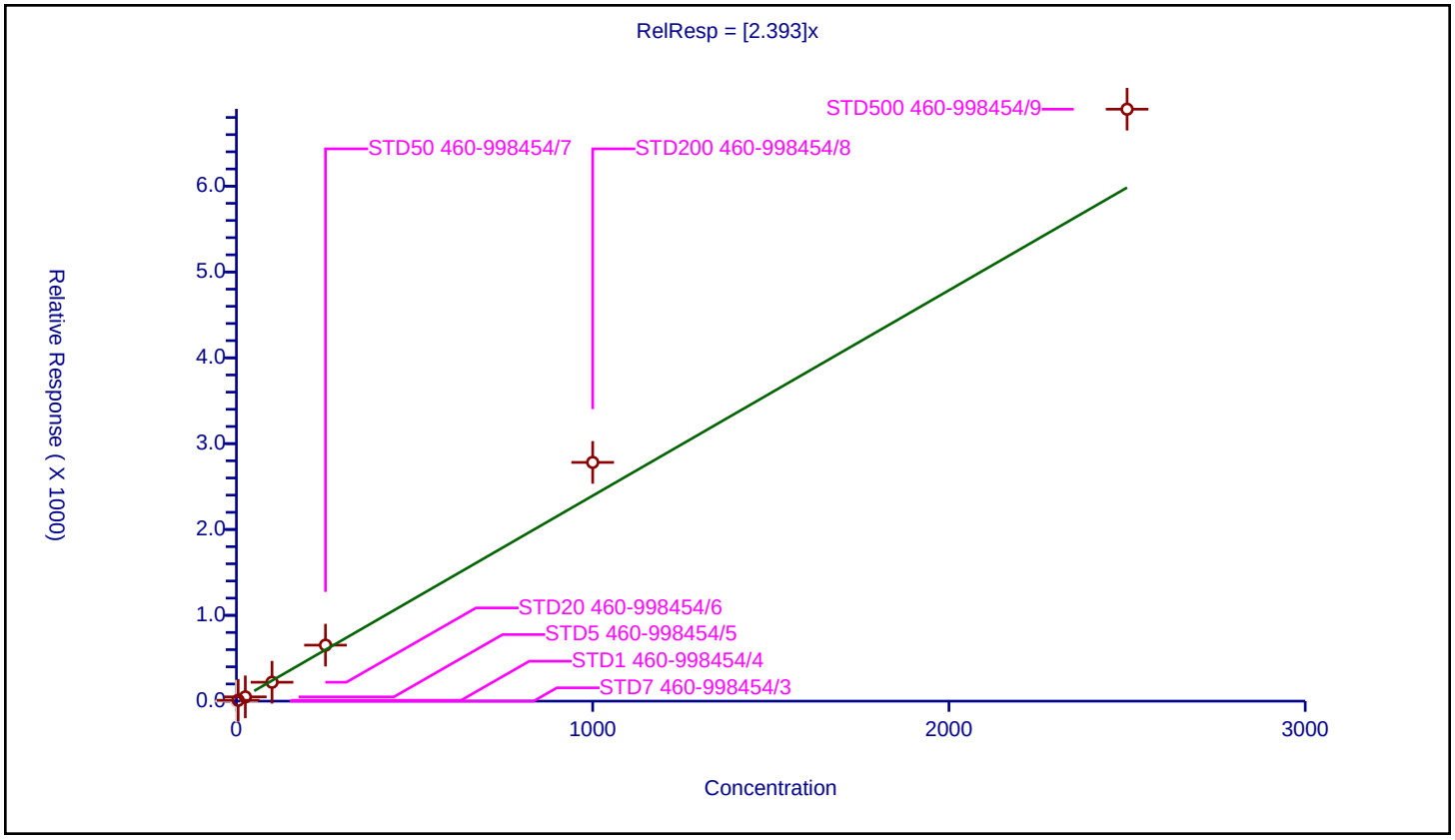
Curve Coefficients

Intercept:	0
Slope:	2.393

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	5.0	10.054881	250.0	279516.0	2.010976	Y
3	STD5 460-998454/5	25.0	49.94898	250.0	322424.0	1.997959	Y
4	STD20 460-998454/6	100.0	220.114493	250.0	327617.0	2.201145	Y
5	STD50 460-998454/7	250.0	652.505512	250.0	325662.0	2.610022	Y
6	STD200 460-998454/8	1000.0	2781.373408	250.0	363883.0	2.781373	Y
7	STD500 460-998454/9	2500.0	6896.150957	250.0	406010.0	2.75846	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

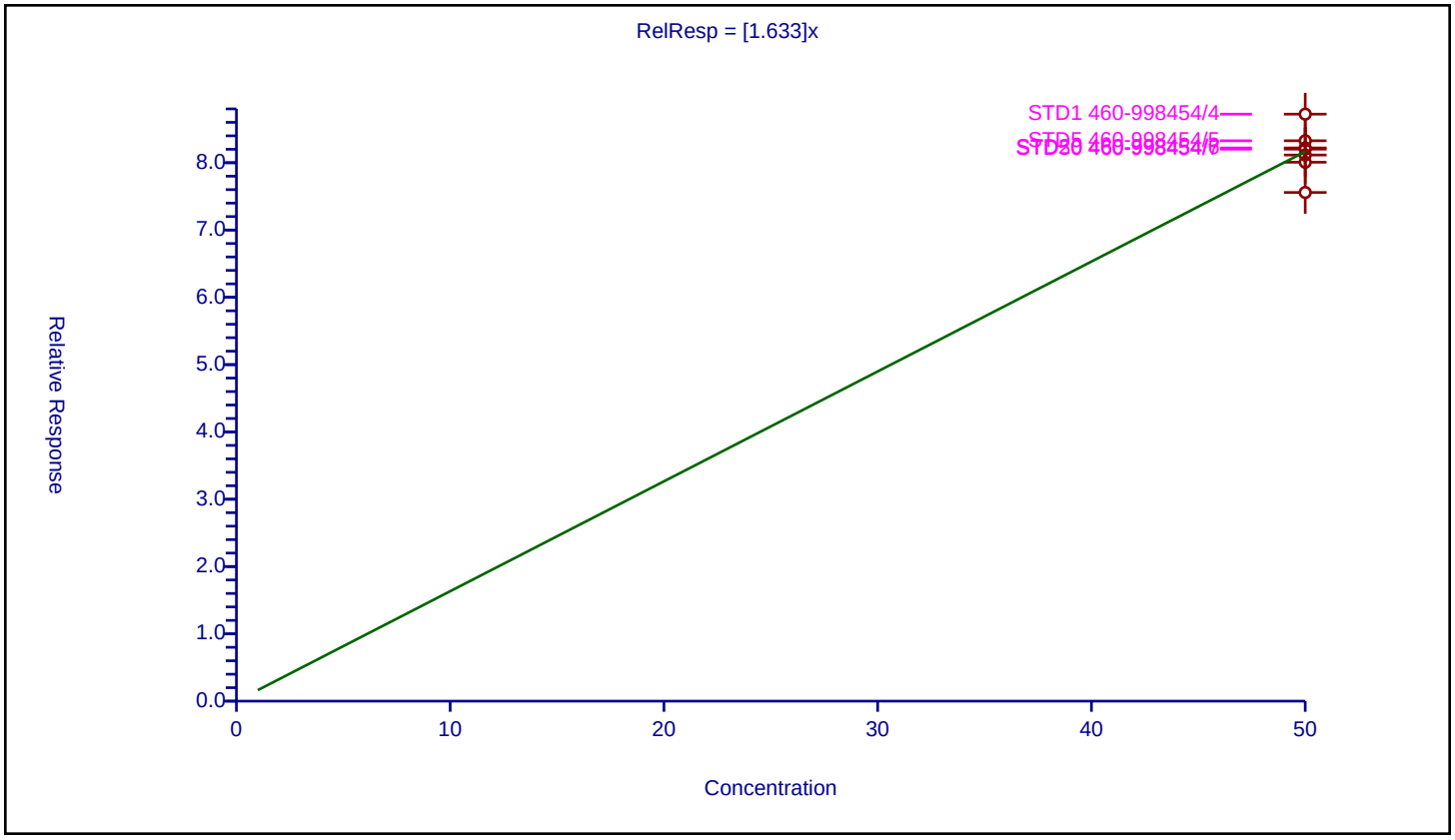
Curve Coefficients

Intercept:	0
Slope:	1.633

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	50.0	80.072878	50.0	366641.0	1.601458	Y
2	STD1 460-998454/4	50.0	87.221491	50.0	335716.0	1.74443	Y
3	STD5 460-998454/5	50.0	83.265018	50.0	380589.0	1.6653	Y
4	STD20 460-998454/6	50.0	82.196393	50.0	397998.0	1.643928	Y
5	STD50 460-998454/7	50.0	82.019582	50.0	425296.0	1.640392	Y
6	STD200 460-998454/8	50.0	81.147009	50.0	478863.0	1.62294	Y
7	STD500 460-998454/9	50.0	75.580754	50.0	563664.0	1.511615	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

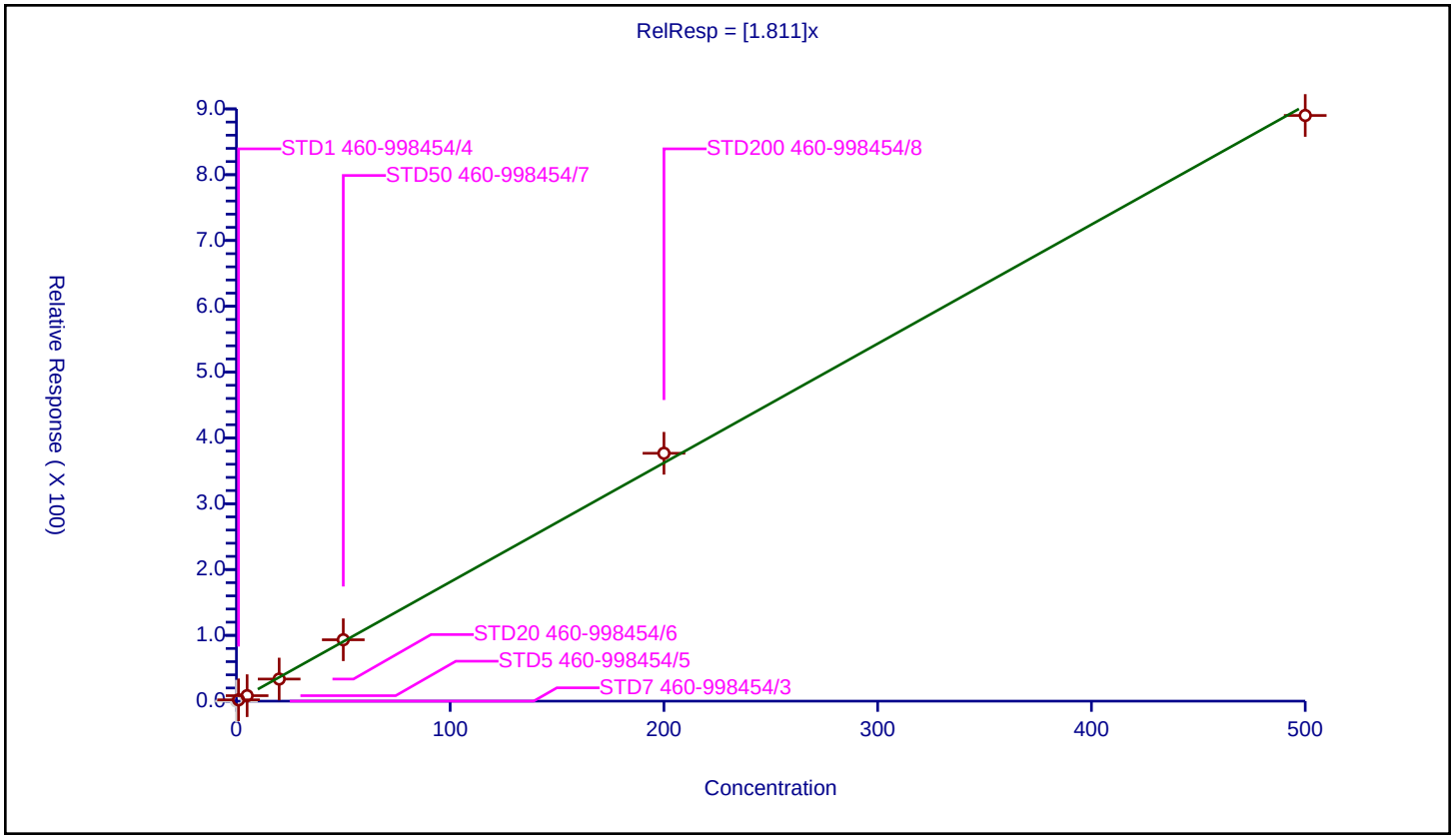
Curve Coefficients

Intercept:	0
Slope:	1.811

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	1.990075	50.0	335716.0	1.990075	Y
3	STD5 460-998454/5	5.0	8.327224	50.0	380589.0	1.665445	Y
4	STD20 460-998454/6	20.0	33.584717	50.0	397998.0	1.679236	Y
5	STD50 460-998454/7	50.0	93.285382	50.0	425296.0	1.865708	Y
6	STD200 460-998454/8	200.0	376.651986	50.0	478863.0	1.88326	Y
7	STD500 460-998454/9	500.0	890.002022	50.0	563664.0	1.780004	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

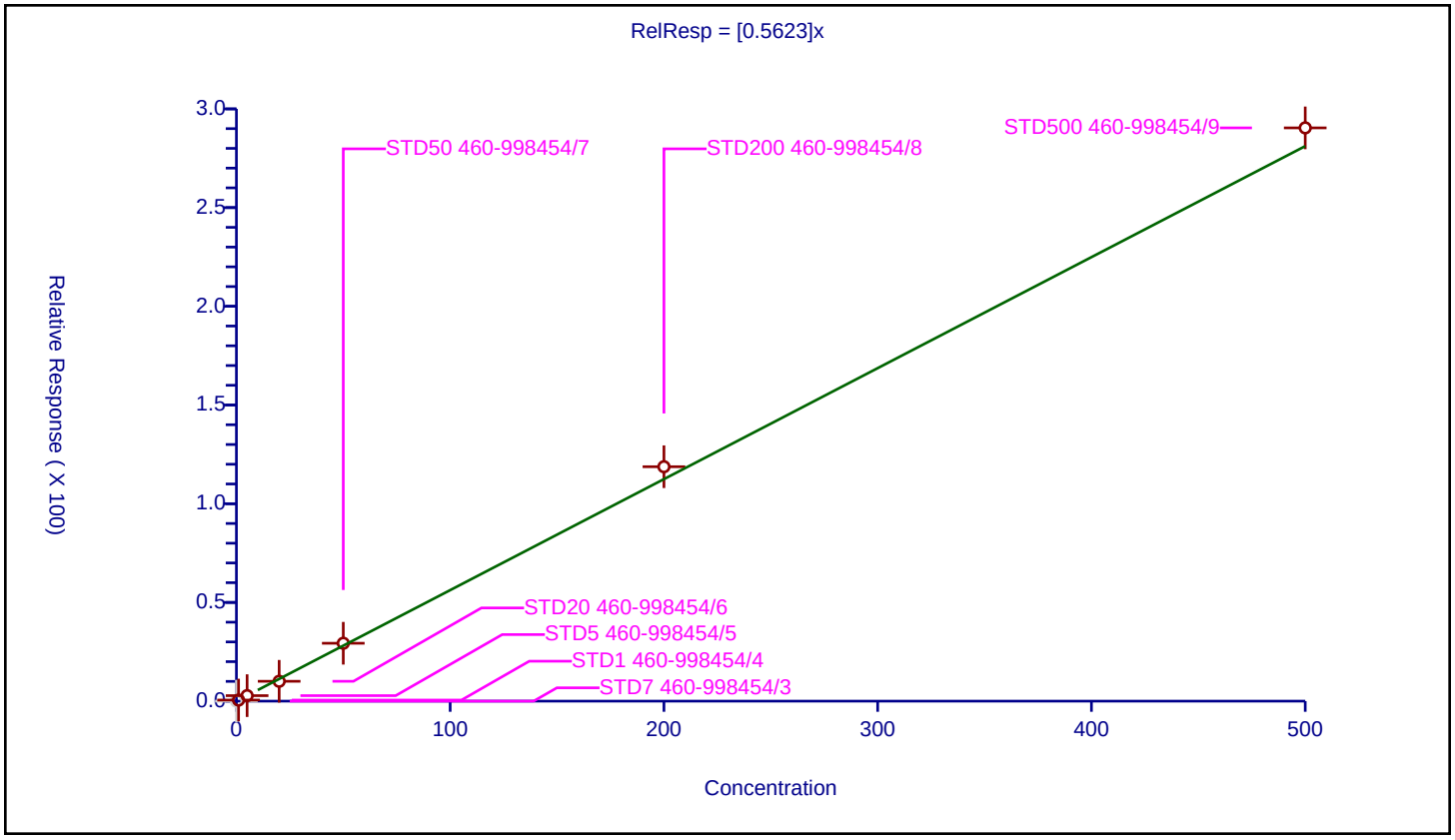
Curve Coefficients

Intercept:	0
Slope:	0.5623

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.552699	50.0	335716.0	0.552699	Y
3	STD5 460-998454/5	5.0	2.785945	50.0	380589.0	0.557189	Y
4	STD20 460-998454/6	20.0	10.053945	50.0	397998.0	0.502697	Y
5	STD50 460-998454/7	50.0	29.323695	50.0	425296.0	0.586474	Y
6	STD200 460-998454/8	200.0	118.742939	50.0	478863.0	0.593715	Y
7	STD500 460-998454/9	500.0	290.383988	50.0	563664.0	0.580768	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

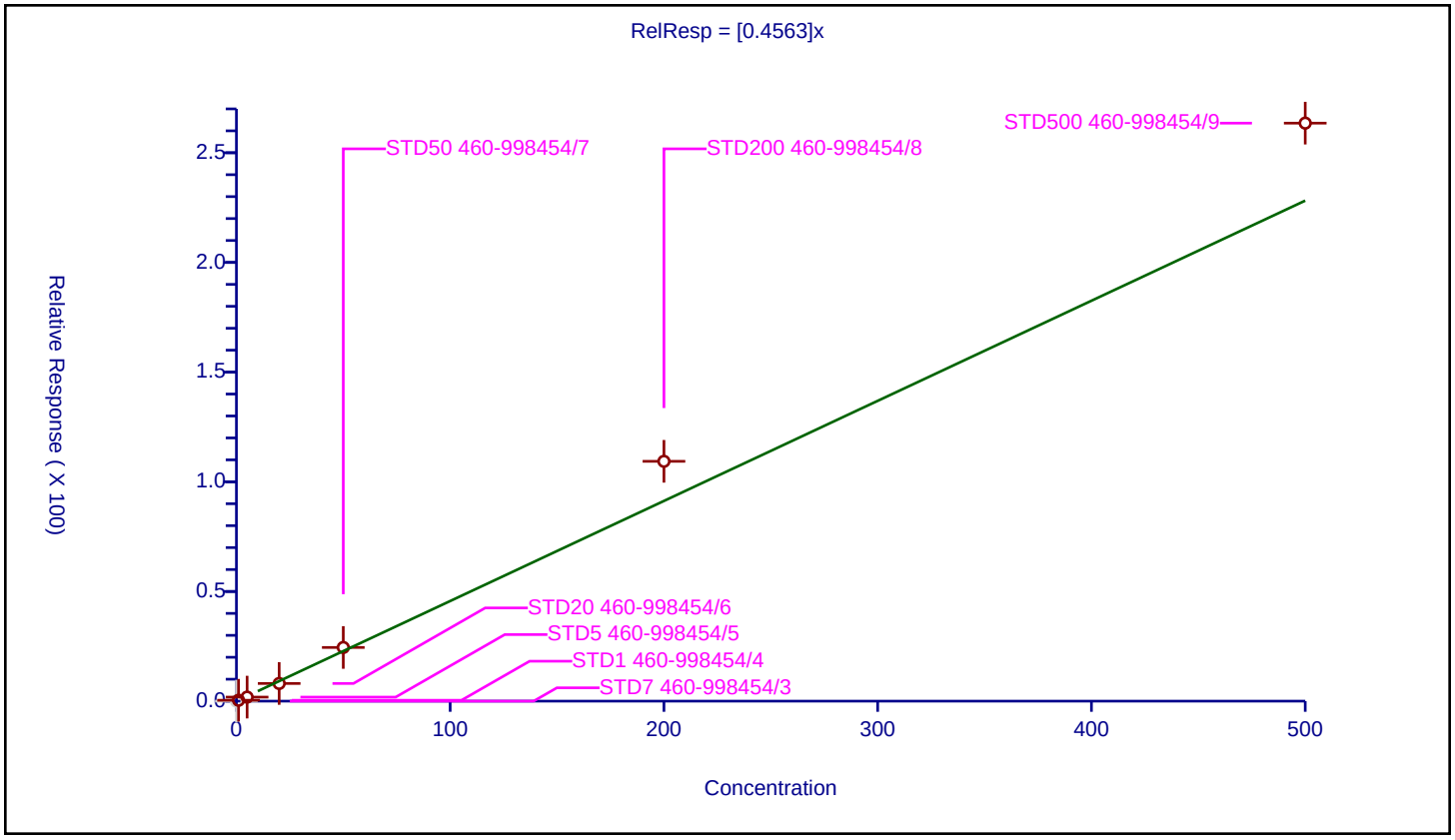
Curve Coefficients

Intercept:	0
Slope:	0.4563

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.403466	50.0	335716.0	0.403466	Y
3	STD5 460-998454/5	5.0	1.841751	50.0	380589.0	0.36835	Y
4	STD20 460-998454/6	20.0	8.062101	50.0	397998.0	0.403105	Y
5	STD50 460-998454/7	50.0	24.471427	50.0	425296.0	0.489429	Y
6	STD200 460-998454/8	200.0	109.338475	50.0	478863.0	0.546692	Y
7	STD500 460-998454/9	500.0	263.505741	50.0	563664.0	0.527011	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

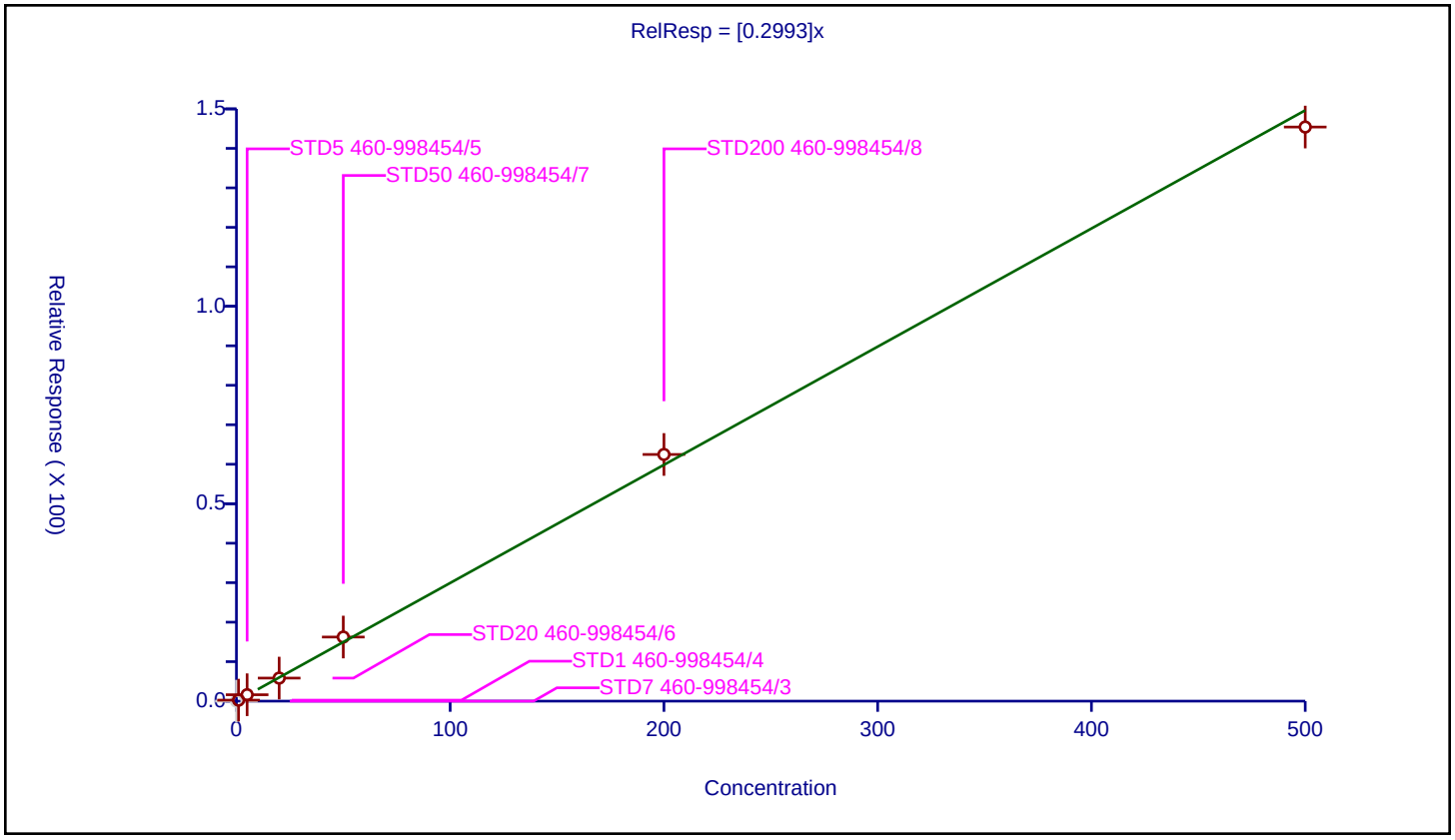
Curve Coefficients

Intercept:	0
Slope:	0.2993

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.250658	50.0	335716.0	0.250658	Y
3	STD5 460-998454/5	5.0	1.625375	50.0	380589.0	0.325075	Y
4	STD20 460-998454/6	20.0	5.839225	50.0	397998.0	0.291961	Y
5	STD50 460-998454/7	50.0	16.234693	50.0	425296.0	0.324694	Y
6	STD200 460-998454/8	200.0	62.475698	50.0	478863.0	0.312378	Y
7	STD500 460-998454/9	500.0	145.406749	50.0	563664.0	0.290813	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

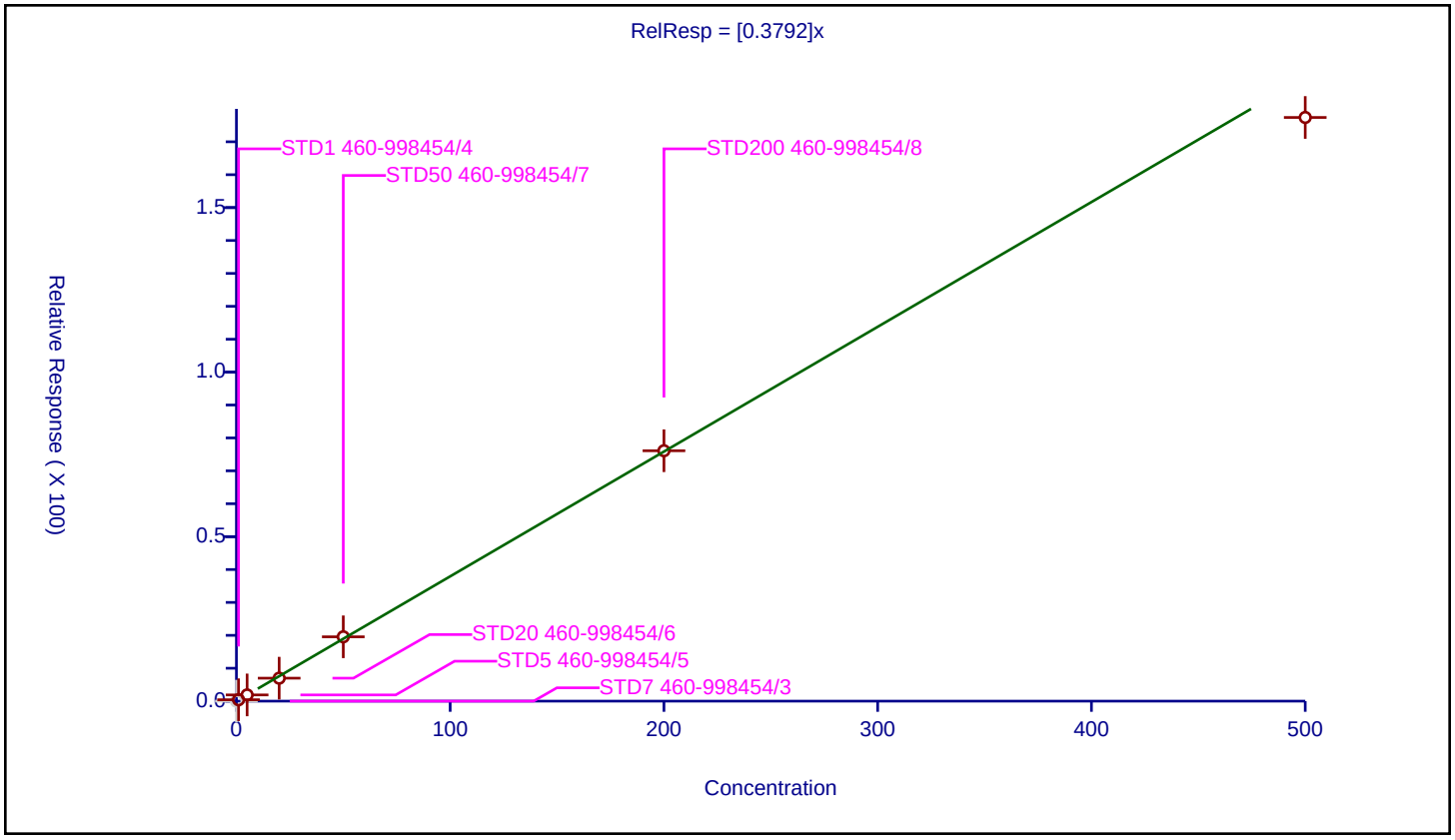
Curve Coefficients

Intercept:	0
Slope:	0.3792

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.421487	50.0	335716.0	0.421487	Y
3	STD5 460-998454/5	5.0	1.891805	50.0	380589.0	0.378361	Y
4	STD20 460-998454/6	20.0	6.981316	50.0	397998.0	0.349066	Y
5	STD50 460-998454/7	50.0	19.554499	50.0	425296.0	0.39109	Y
6	STD200 460-998454/8	200.0	76.106527	50.0	478863.0	0.380533	Y
7	STD500 460-998454/9	500.0	177.393802	50.0	563664.0	0.354788	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

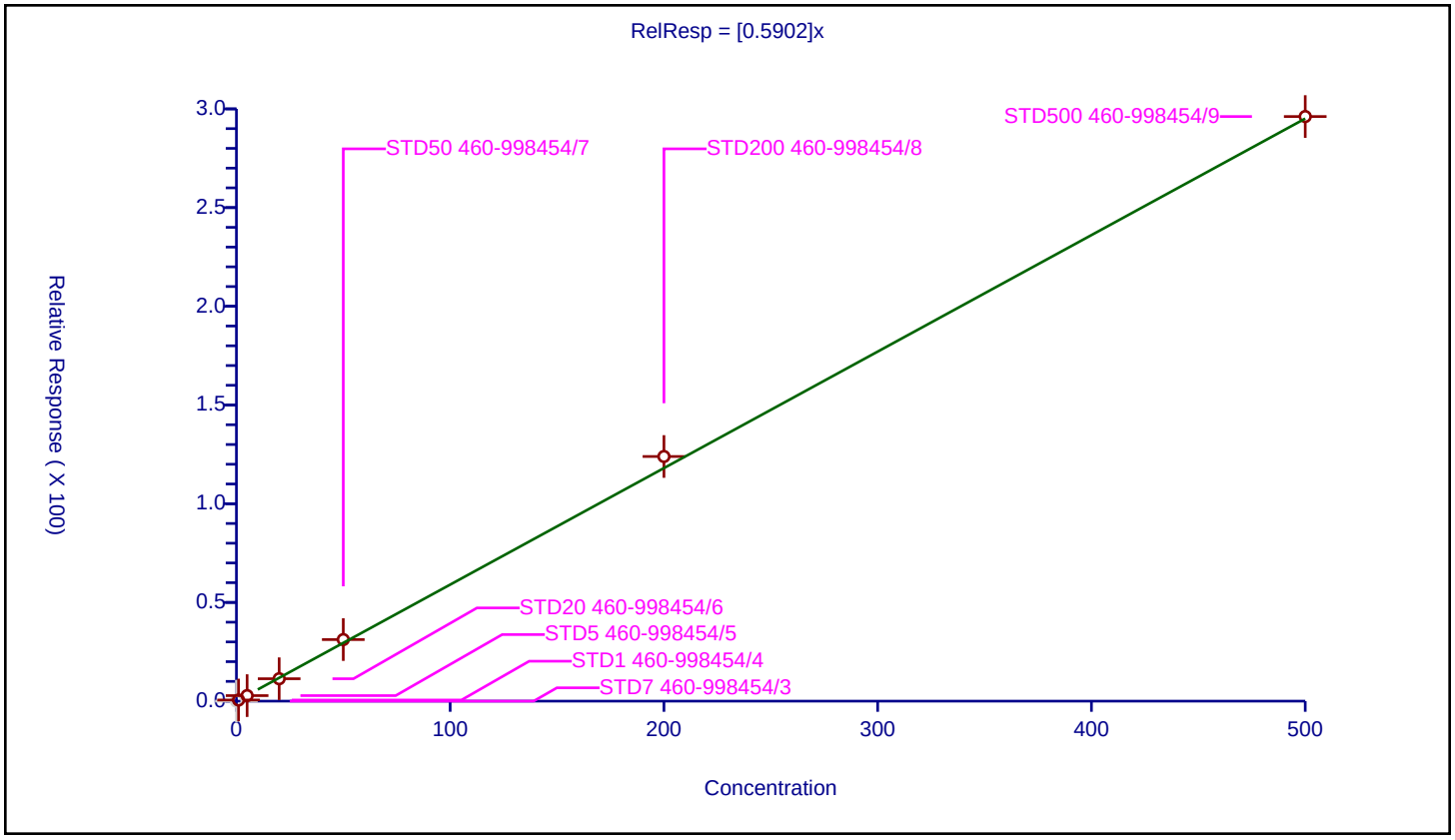
Curve Coefficients

Intercept:	0
Slope:	0.5902

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.577423	50.0	335716.0	0.577423	Y
3	STD5 460-998454/5	5.0	2.802235	50.0	380589.0	0.560447	Y
4	STD20 460-998454/6	20.0	11.353198	50.0	397998.0	0.56766	Y
5	STD50 460-998454/7	50.0	31.186397	50.0	425296.0	0.623728	Y
6	STD200 460-998454/8	200.0	123.921664	50.0	478863.0	0.619608	Y
7	STD500 460-998454/9	500.0	296.13298	50.0	563664.0	0.592266	Y



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Calibration / 2-Hexanone

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

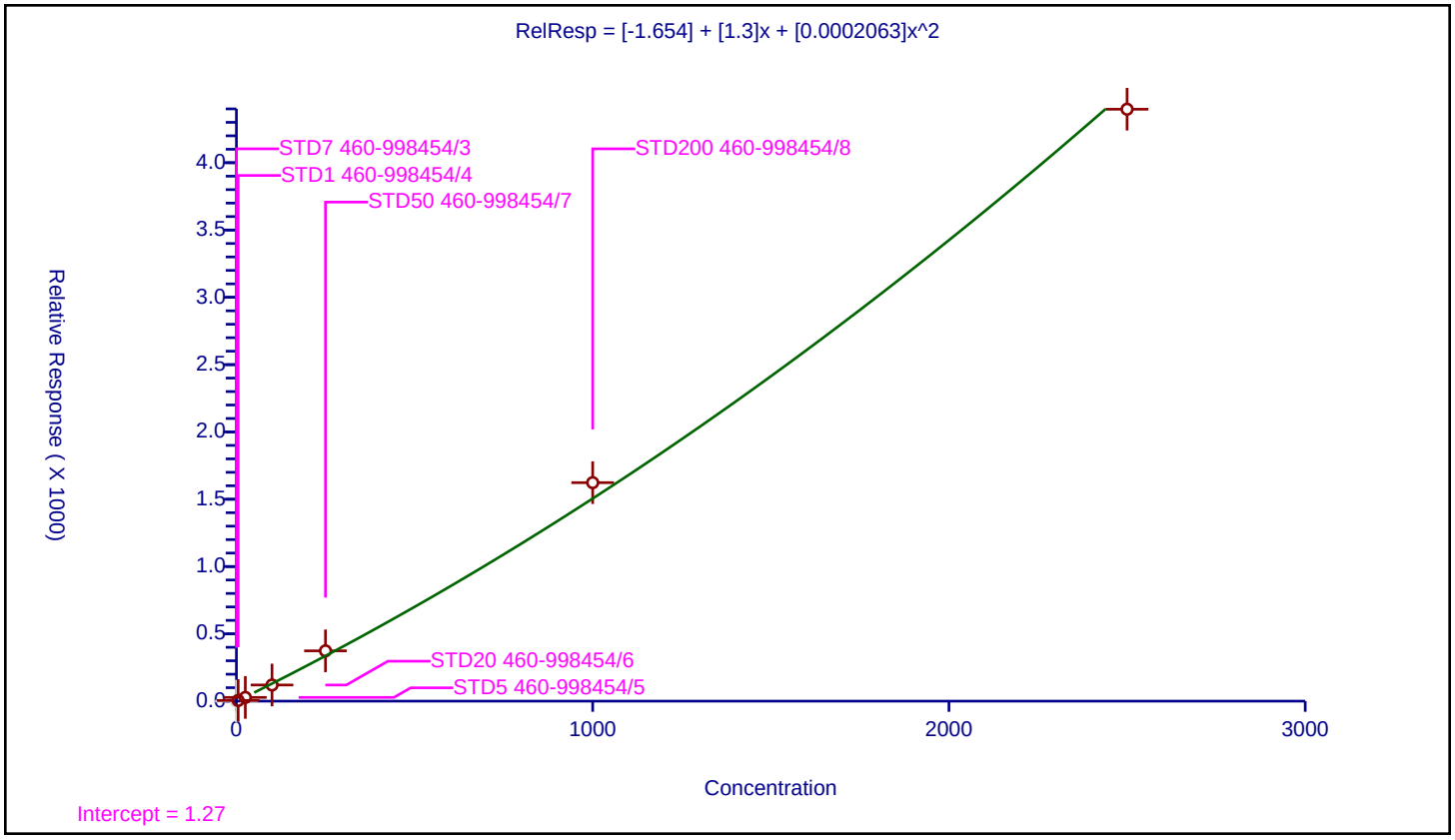
Curve Coefficients

Intercept:	-1.654
Slope:	1.3
Second Order:	0.0002063

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	250.0	297847.0	NaN	N
2	STD1 460-998454/4	5.0	4.996136	250.0	279516.0	0.999227	Y
3	STD5 460-998454/5	25.0	27.640622	250.0	322424.0	1.105625	Y
4	STD20 460-998454/6	100.0	119.922043	250.0	327617.0	1.19922	Y
5	STD50 460-998454/7	250.0	373.674239	250.0	325662.0	1.494697	Y
6	STD200 460-998454/8	1000.0	1623.187948	250.0	363883.0	1.623188	Y
7	STD500 460-998454/9	2500.0	4397.489594	250.0	406010.0	1.758996	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

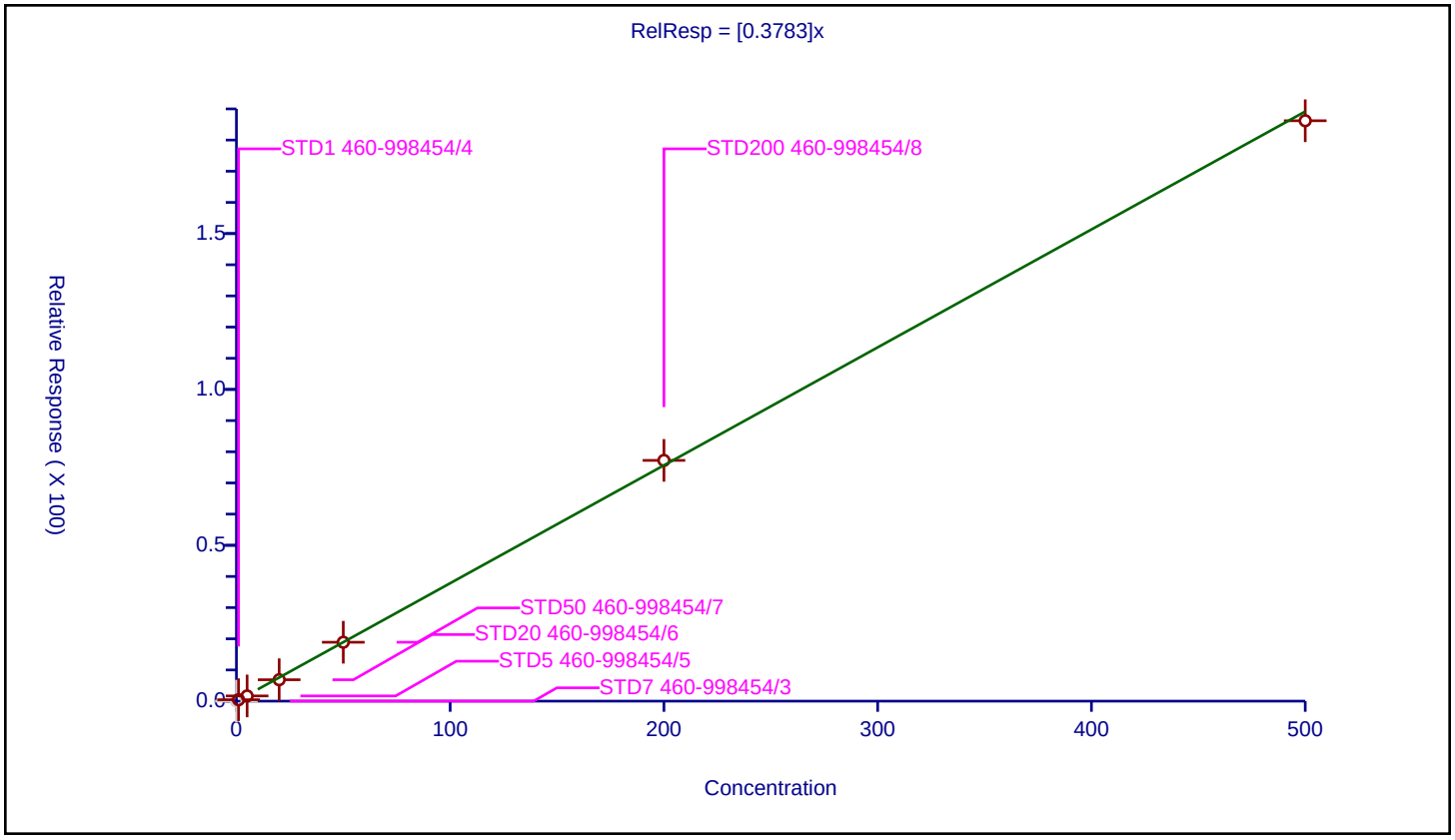
Curve Coefficients

Intercept:	0
Slope:	0.3783

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.456636	50.0	335716.0	0.456636	Y
3	STD5 460-998454/5	5.0	1.66689	50.0	380589.0	0.333378	Y
4	STD20 460-998454/6	20.0	6.866743	50.0	397998.0	0.343337	Y
5	STD50 460-998454/7	50.0	18.895193	50.0	425296.0	0.377904	Y
6	STD200 460-998454/8	200.0	77.234929	50.0	478863.0	0.386175	Y
7	STD500 460-998454/9	500.0	186.201709	50.0	563664.0	0.372403	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

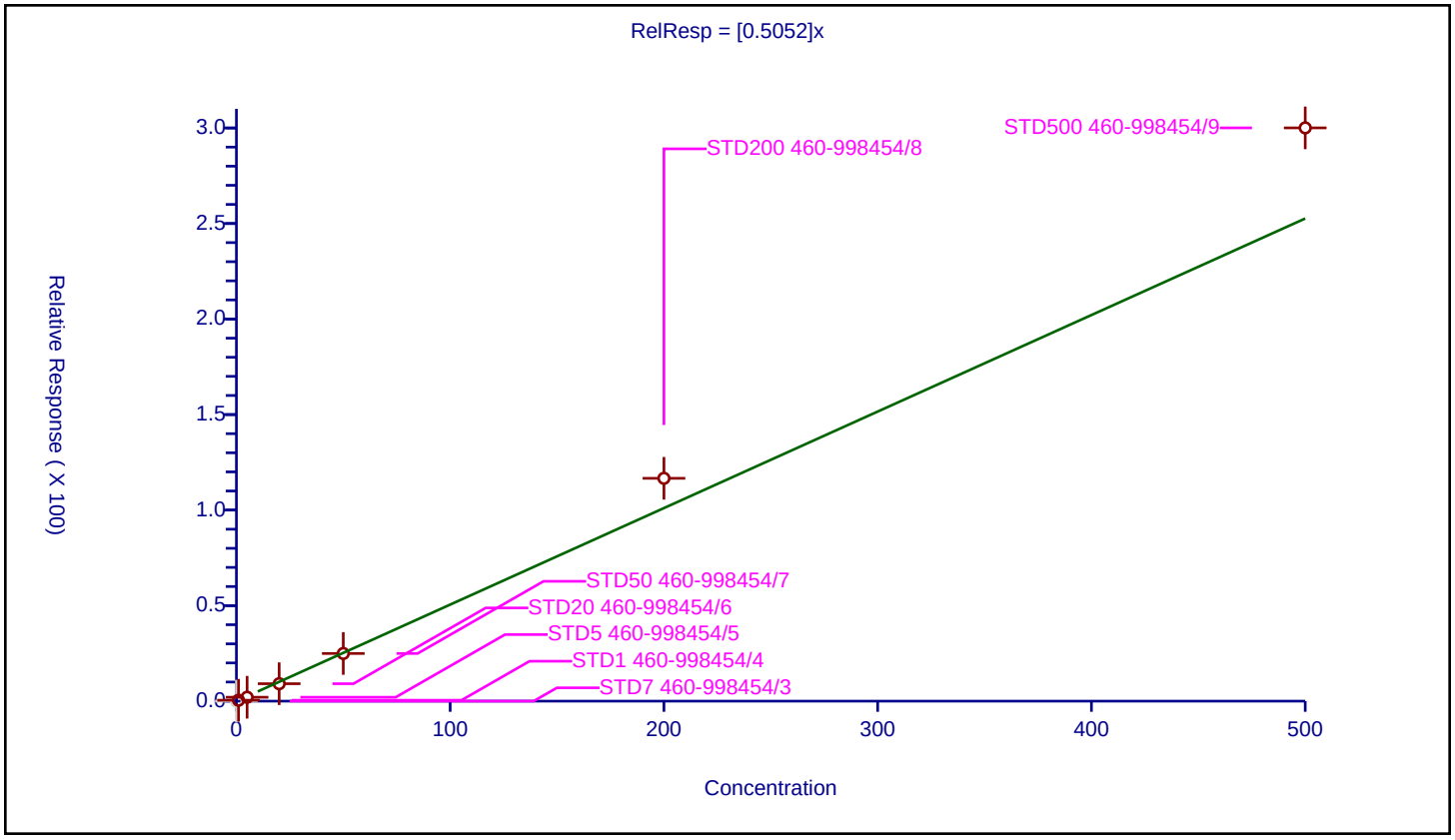
Curve Coefficients

Intercept:	0
Slope:	0.5052

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.484785	50.0	335716.0	0.484785	Y
3	STD5 460-998454/5	5.0	2.041441	50.0	380589.0	0.408288	Y
4	STD20 460-998454/6	20.0	9.121905	50.0	397998.0	0.456095	Y
5	STD50 460-998454/7	50.0	24.945802	50.0	425296.0	0.498916	Y
6	STD200 460-998454/8	200.0	116.643591	50.0	478863.0	0.583218	Y
7	STD500 460-998454/9	500.0	300.062449	50.0	563664.0	0.600125	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

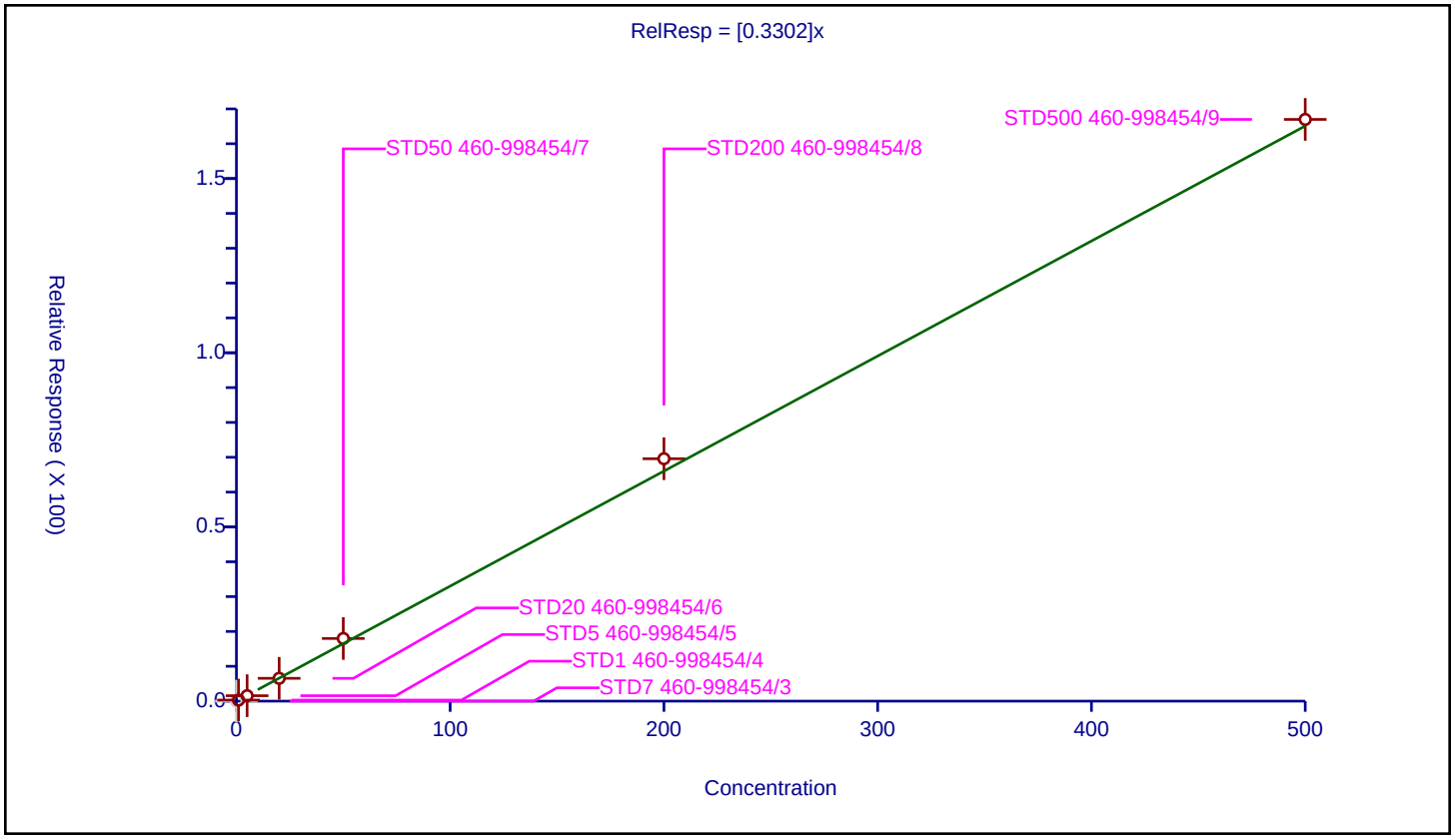
Curve Coefficients

Intercept:	0
Slope:	0.3302

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.300701	50.0	335716.0	0.300701	Y
3	STD5 460-998454/5	5.0	1.556403	50.0	380589.0	0.311281	Y
4	STD20 460-998454/6	20.0	6.549154	50.0	397998.0	0.327458	Y
5	STD50 460-998454/7	50.0	17.988648	50.0	425296.0	0.359773	Y
6	STD200 460-998454/8	200.0	69.581175	50.0	478863.0	0.347906	Y
7	STD500 460-998454/9	500.0	166.977668	50.0	563664.0	0.333955	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

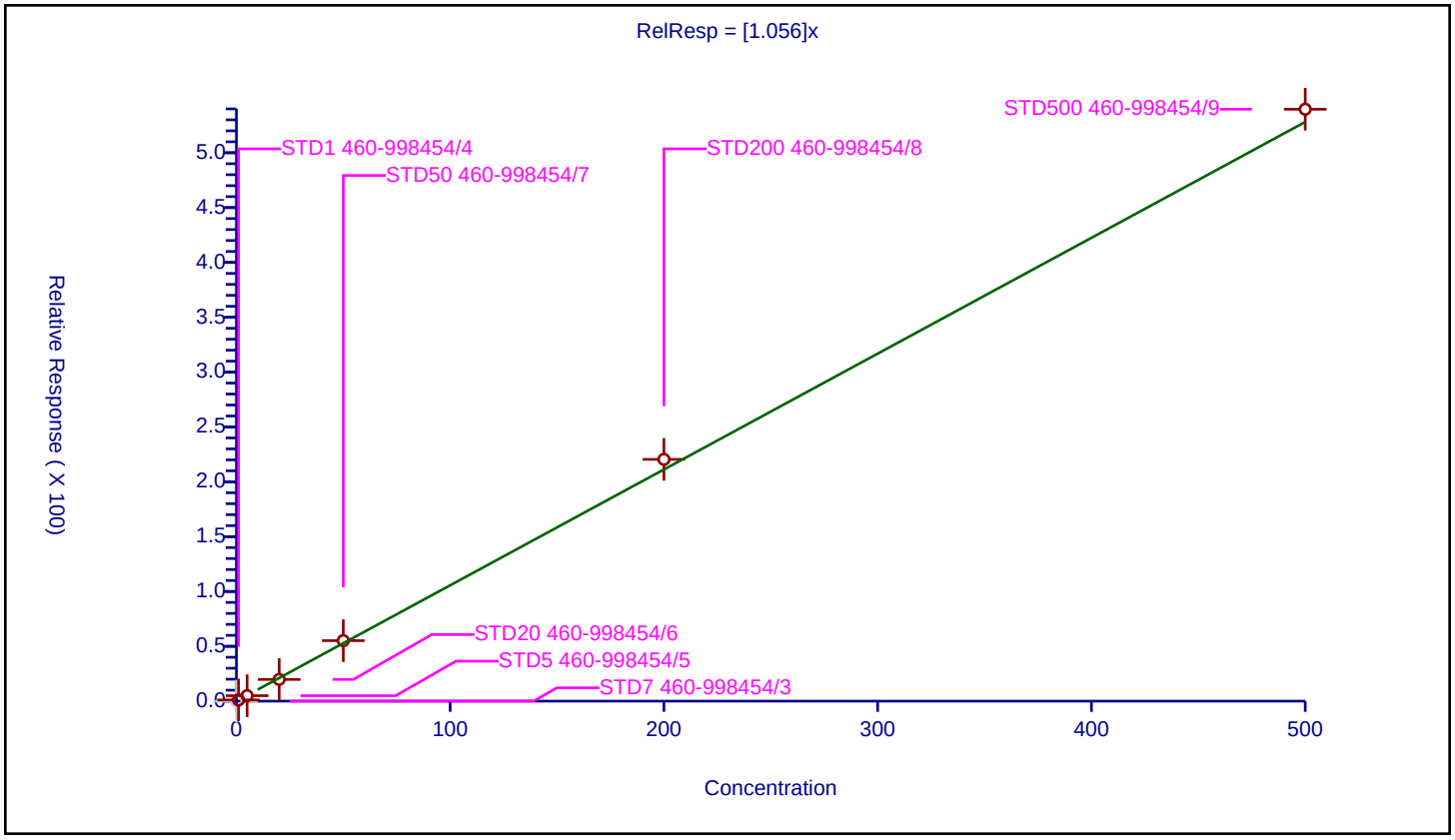
Curve Coefficients

Intercept:	0
Slope:	1.056

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	1.06876	50.0	335716.0	1.06876	Y
3	STD5 460-998454/5	5.0	4.969928	50.0	380589.0	0.993986	Y
4	STD20 460-998454/6	20.0	19.779873	50.0	397998.0	0.988994	Y
5	STD50 460-998454/7	50.0	55.172162	50.0	425296.0	1.103443	Y
6	STD200 460-998454/8	200.0	220.444052	50.0	478863.0	1.10222	Y
7	STD500 460-998454/9	500.0	539.674522	50.0	563664.0	1.079349	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

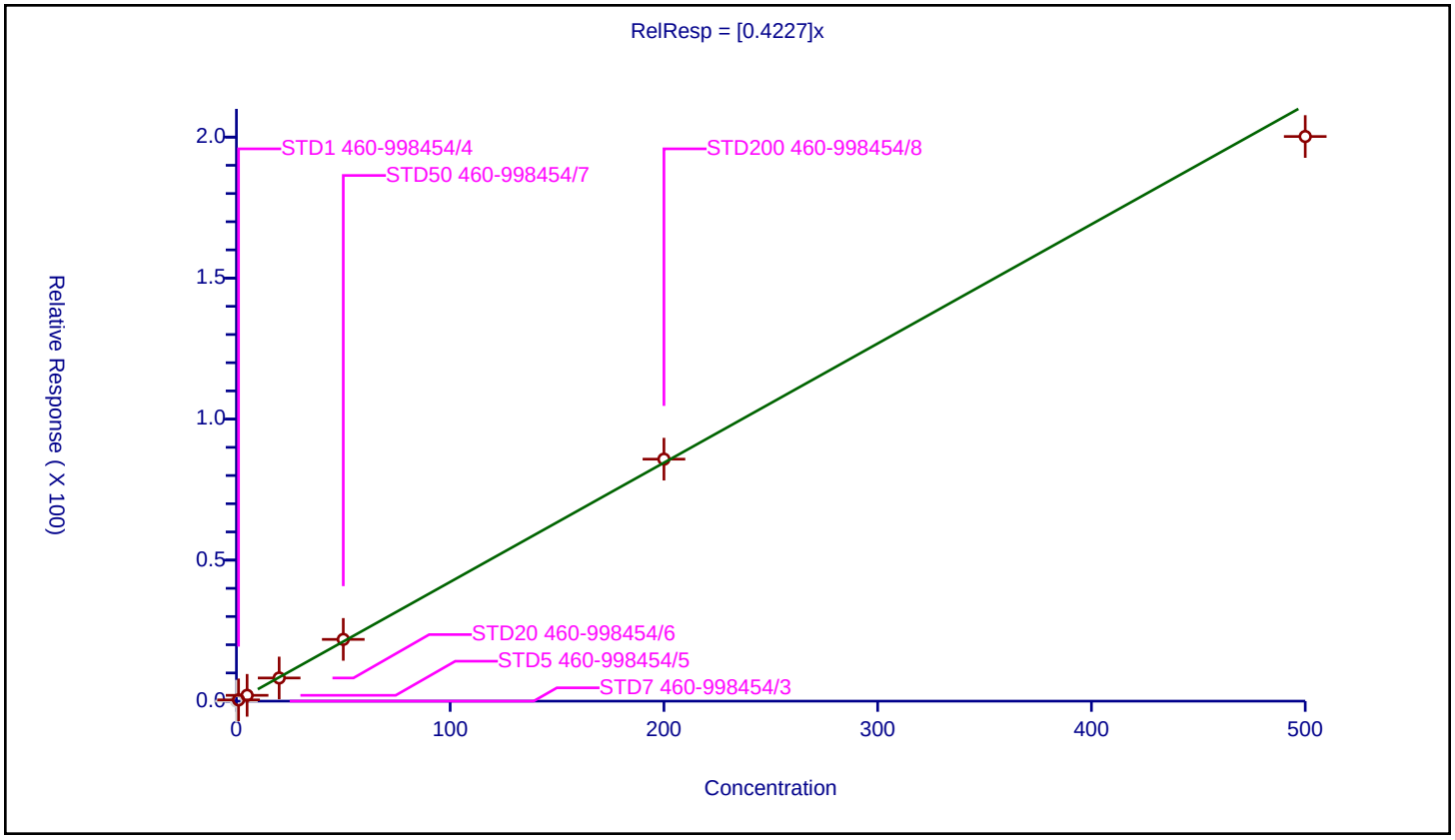
Curve Coefficients

Intercept:	0
Slope:	0.4227

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.445764	50.0	335716.0	0.445764	Y
3	STD5 460-998454/5	5.0	2.061804	50.0	380589.0	0.412361	Y
4	STD20 460-998454/6	20.0	8.215368	50.0	397998.0	0.410768	Y
5	STD50 460-998454/7	50.0	21.895691	50.0	425296.0	0.437914	Y
6	STD200 460-998454/8	200.0	85.798652	50.0	478863.0	0.428993	Y
7	STD500 460-998454/9	500.0	200.208014	50.0	563664.0	0.400416	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

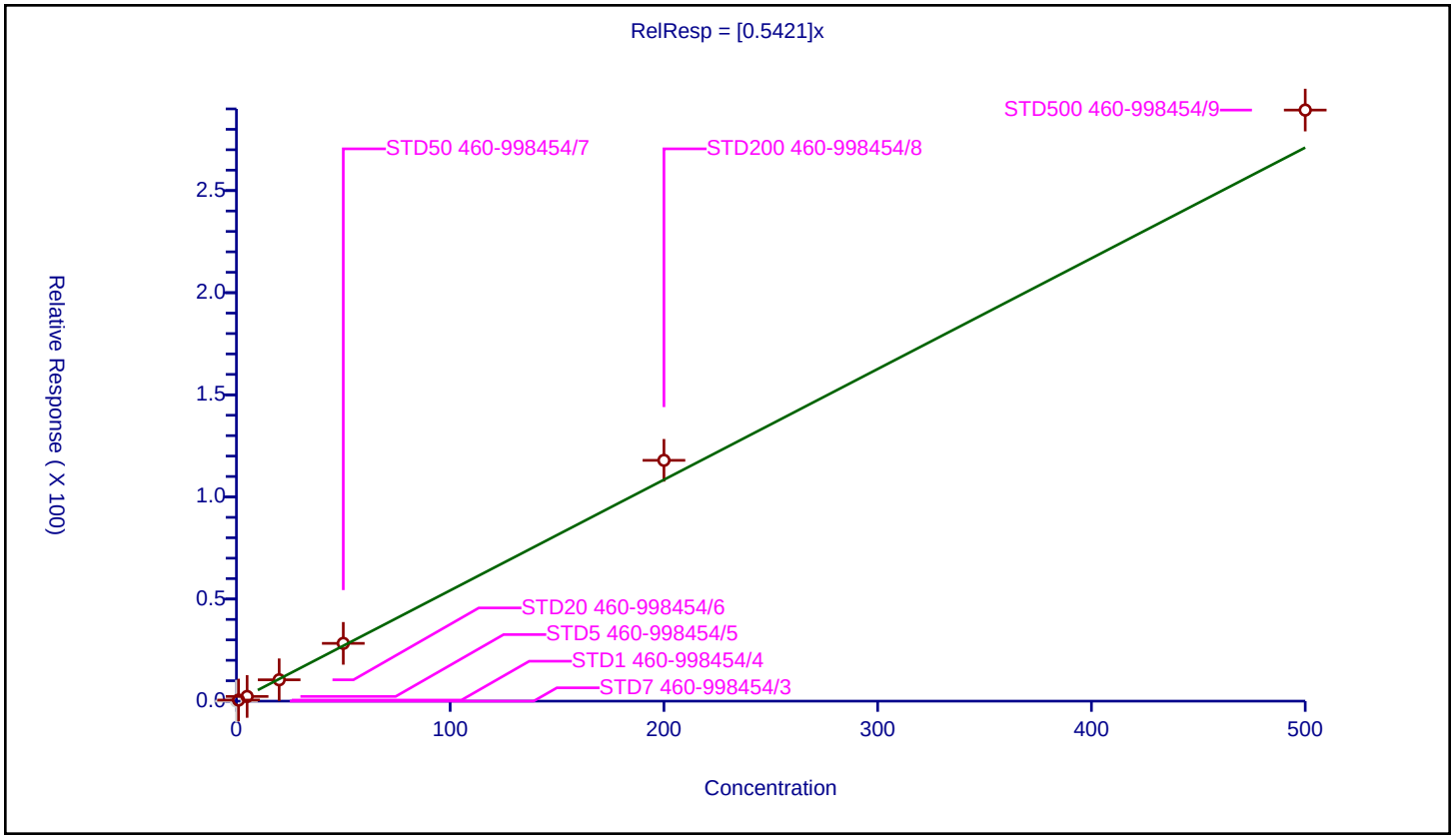
Curve Coefficients

Intercept:	0
Slope:	0.5421

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.534529	50.0	335716.0	0.534529	Y
3	STD5 460-998454/5	5.0	2.303929	50.0	380589.0	0.460786	Y
4	STD20 460-998454/6	20.0	10.458972	50.0	397998.0	0.522949	Y
5	STD50 460-998454/7	50.0	28.29594	50.0	425296.0	0.565919	Y
6	STD200 460-998454/8	200.0	117.915562	50.0	478863.0	0.589578	Y
7	STD500 460-998454/9	500.0	289.432002	50.0	563664.0	0.578864	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

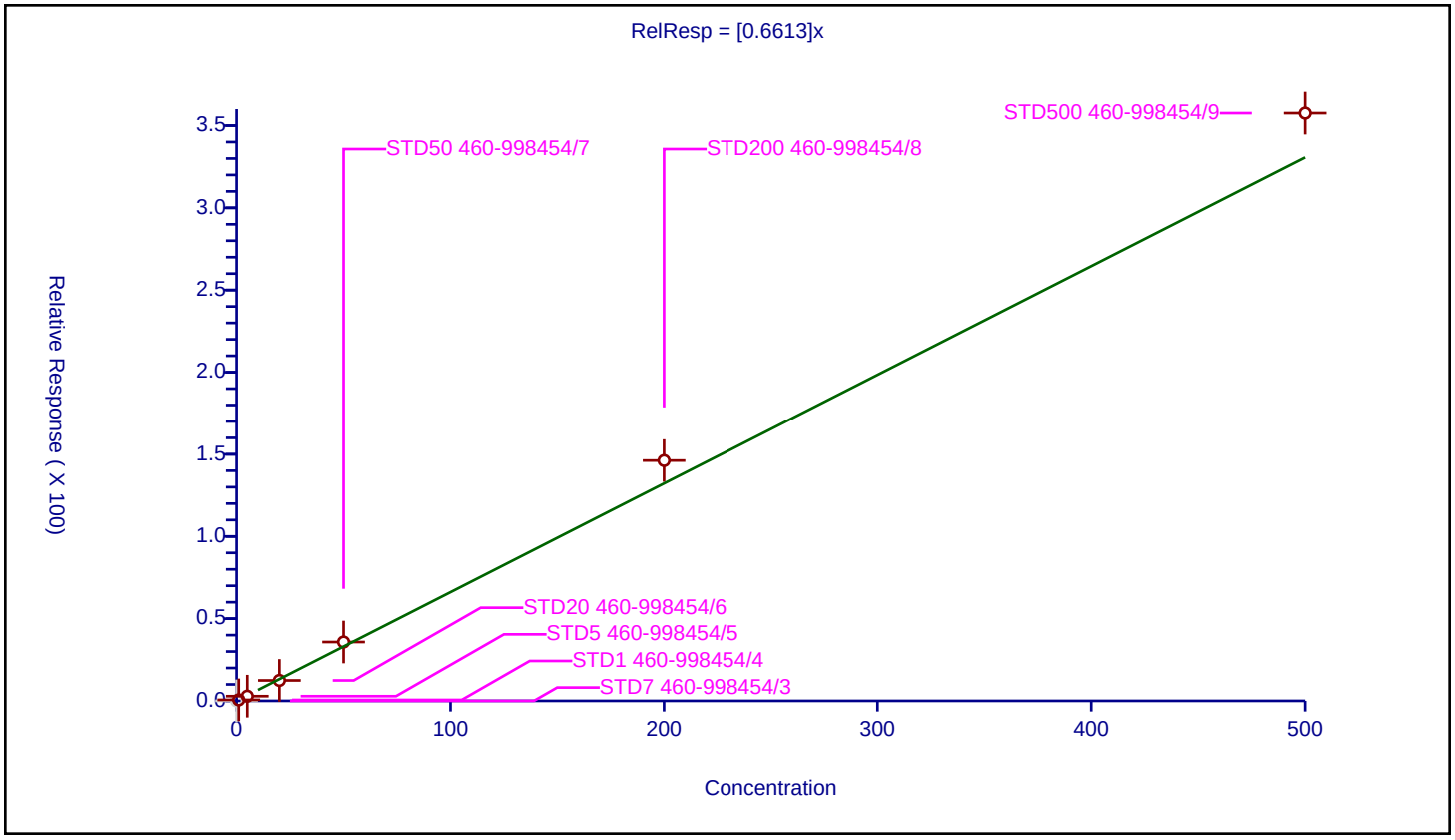
Curve Coefficients

Intercept:	0
Slope:	0.6613

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.612125	50.0	335716.0	0.612125	Y
3	STD5 460-998454/5	5.0	2.860697	50.0	380589.0	0.572139	Y
4	STD20 460-998454/6	20.0	12.425314	50.0	397998.0	0.621266	Y
5	STD50 460-998454/7	50.0	35.809648	50.0	425296.0	0.716193	Y
6	STD200 460-998454/8	200.0	146.192648	50.0	478863.0	0.730963	Y
7	STD500 460-998454/9	500.0	357.565234	50.0	563664.0	0.71513	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

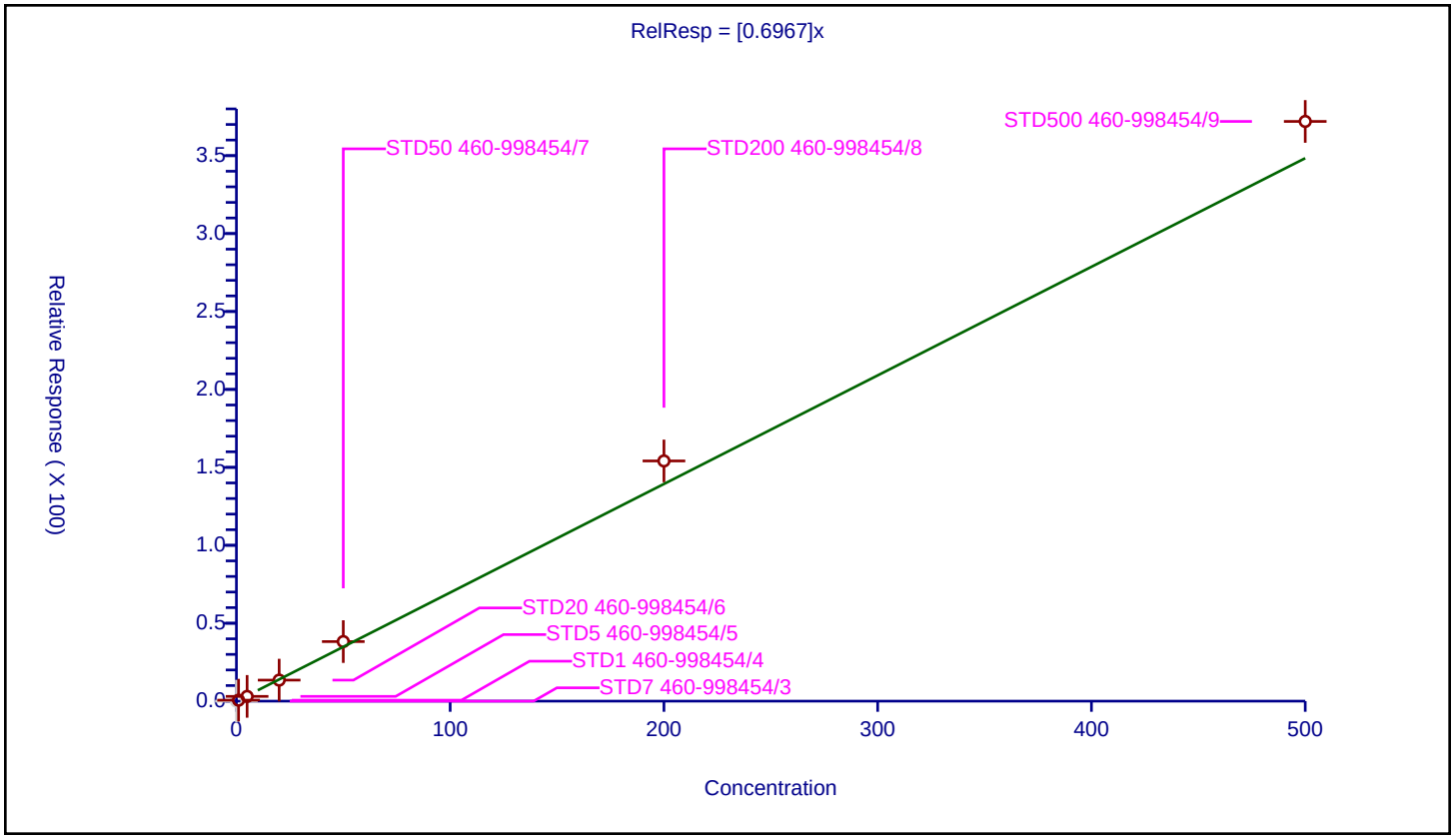
Curve Coefficients

Intercept:	0
Slope:	0.6967

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.61689	50.0	335716.0	0.61689	Y
3	STD5 460-998454/5	5.0	3.05106	50.0	380589.0	0.610212	Y
4	STD20 460-998454/6	20.0	13.488636	50.0	397998.0	0.674432	Y
5	STD50 460-998454/7	50.0	38.21221	50.0	425296.0	0.764244	Y
6	STD200 460-998454/8	200.0	154.122787	50.0	478863.0	0.770614	Y
7	STD500 460-998454/9	500.0	371.950311	50.0	563664.0	0.743901	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

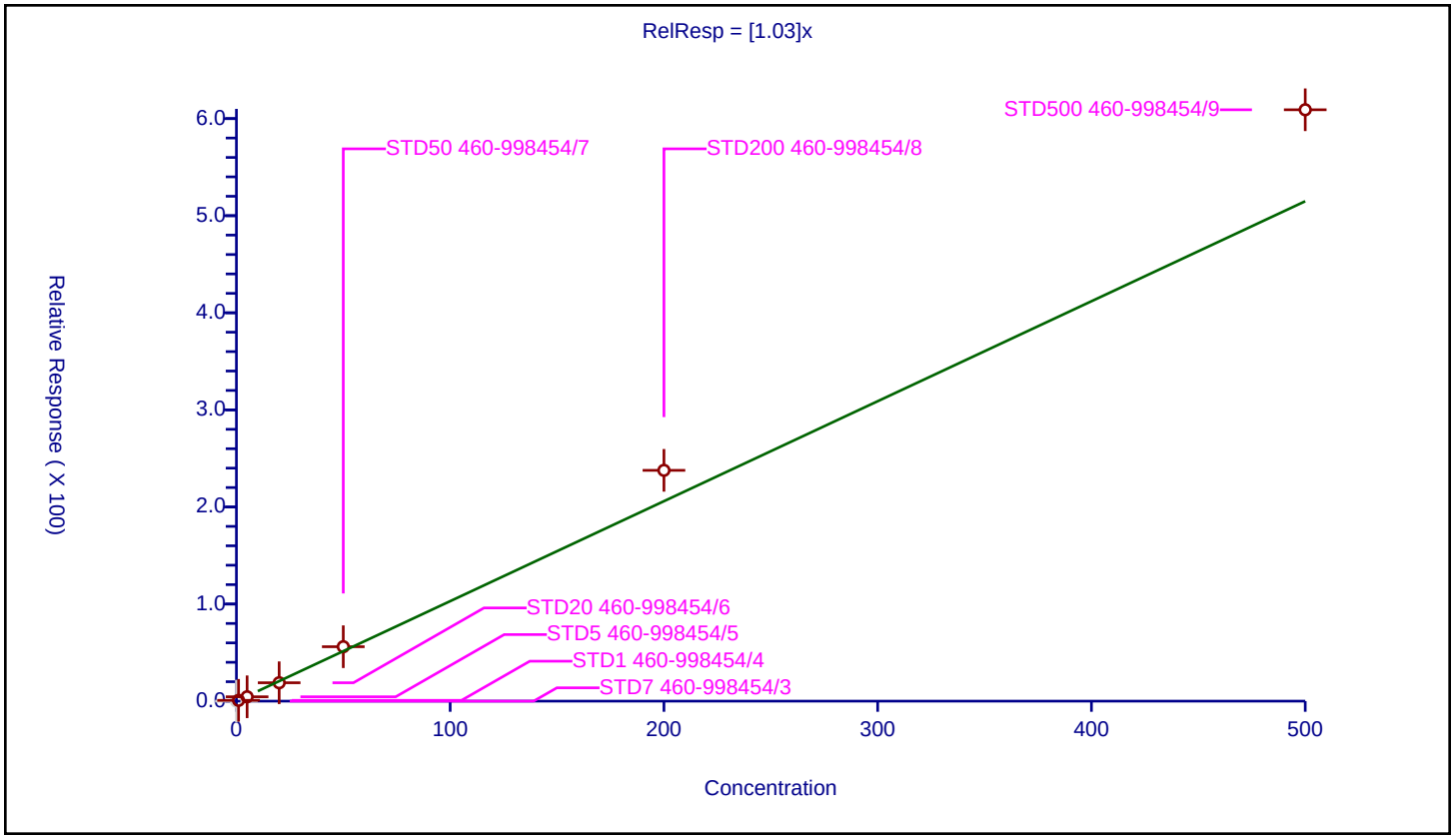
Curve Coefficients

Intercept:	0
Slope:	1.03

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.80589	50.0	335716.0	0.80589	Y
3	STD5 460-998454/5	5.0	4.4887	50.0	380589.0	0.89774	Y
4	STD20 460-998454/6	20.0	18.929366	50.0	397998.0	0.946468	Y
5	STD50 460-998454/7	50.0	56.066246	50.0	425296.0	1.121325	Y
6	STD200 460-998454/8	200.0	237.722793	50.0	478863.0	1.188614	Y
7	STD500 460-998454/9	500.0	609.087683	50.0	563664.0	1.218175	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

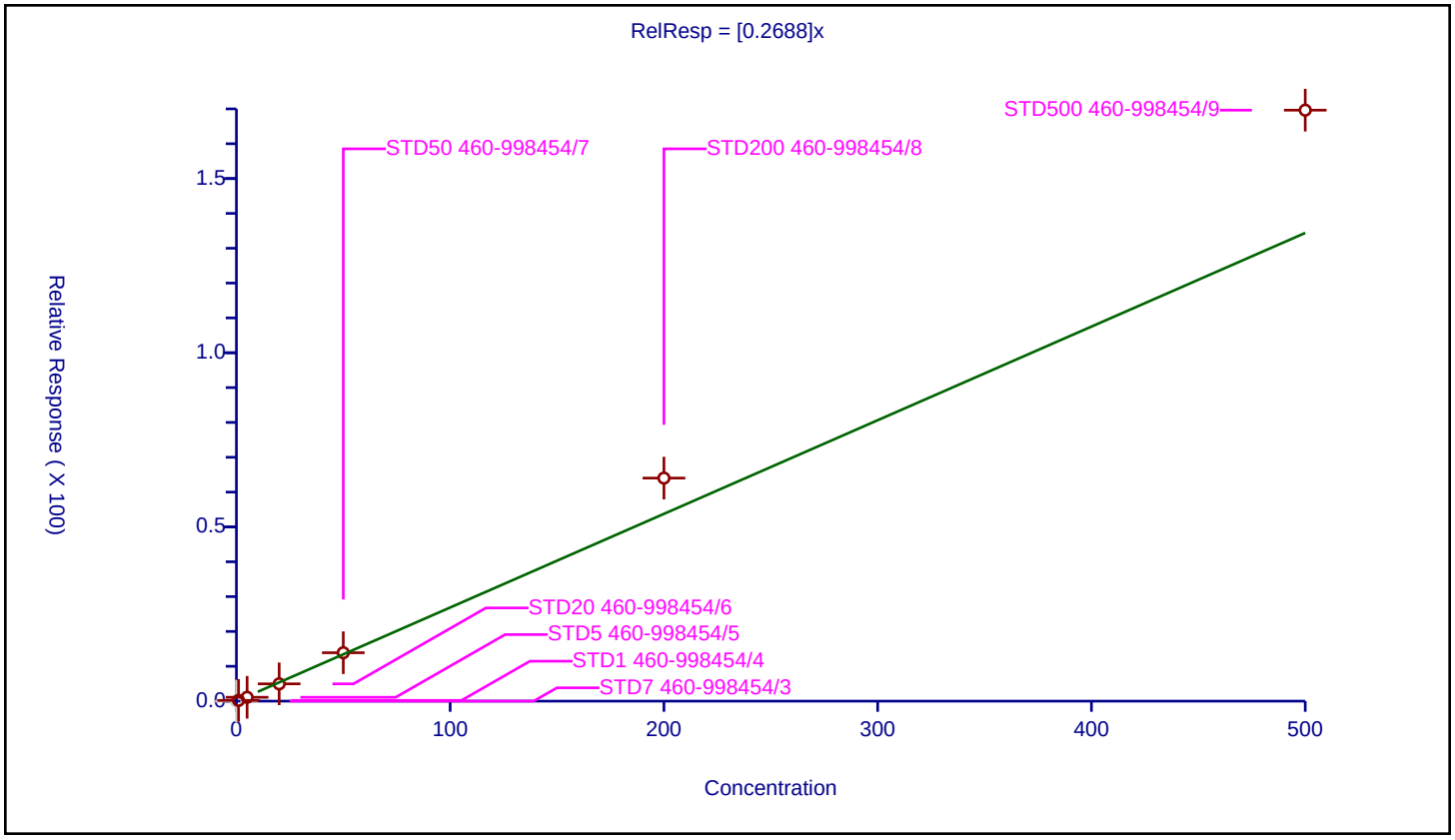
Curve Coefficients

Intercept:	0
Slope:	0.2688

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.206722	50.0	335716.0	0.206722	Y
3	STD5 460-998454/5	5.0	1.10237	50.0	380589.0	0.220474	Y
4	STD20 460-998454/6	20.0	4.964095	50.0	397998.0	0.248205	Y
5	STD50 460-998454/7	50.0	13.893265	50.0	425296.0	0.277865	Y
6	STD200 460-998454/8	200.0	64.024157	50.0	478863.0	0.320121	Y
7	STD500 460-998454/9	500.0	169.634747	50.0	563664.0	0.339269	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

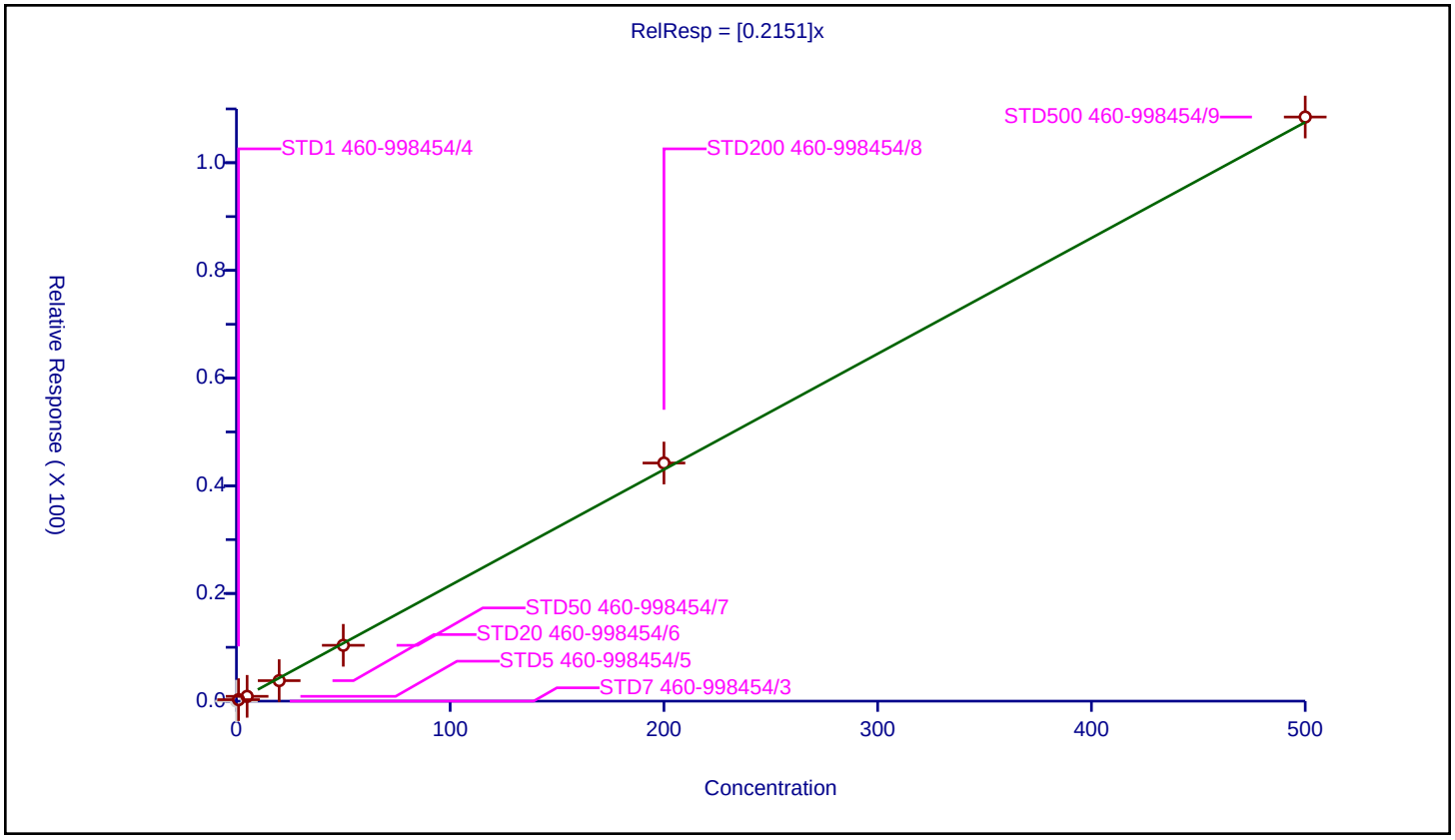
Curve Coefficients

Intercept:	0
Slope:	0.2151

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	0.275828	50.0	335716.0	0.275828	Y
3	STD5 460-998454/5	5.0	0.893221	50.0	380589.0	0.178644	Y
4	STD20 460-998454/6	20.0	3.805798	50.0	397998.0	0.19029	Y
5	STD50 460-998454/7	50.0	10.371247	50.0	425296.0	0.207425	Y
6	STD200 460-998454/8	200.0	44.227368	50.0	478863.0	0.221137	Y
7	STD500 460-998454/9	500.0	108.488922	50.0	563664.0	0.216978	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

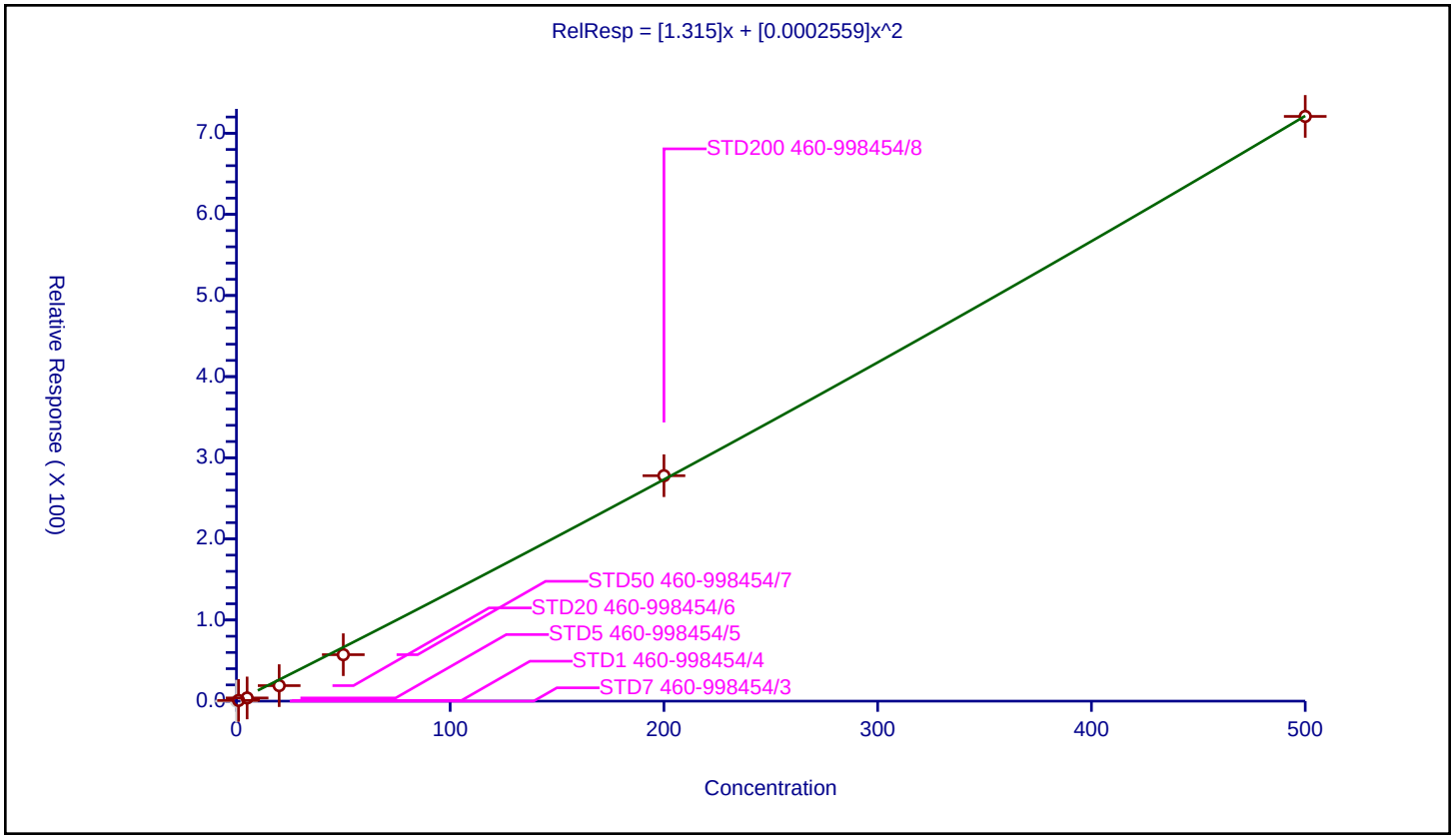
Curve Coefficients

Intercept:	0
Slope:	1.315
Second Order:	0.0002559

Error Coefficients

Relative Standard Deviation:	30.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.859271	50.0	188881.0	0.859271	Y
3	STD5 460-998454/5	5.0	3.932061	50.0	215841.0	0.786412	Y
4	STD20 460-998454/6	20.0	19.119468	50.0	234154.0	0.955973	Y
5	STD50 460-998454/7	50.0	57.276601	50.0	232320.0	1.145532	Y
6	STD200 460-998454/8	200.0	277.89011	50.0	258113.0	1.389451	Y
7	STD500 460-998454/9	500.0	720.731742	50.0	313471.0	1.441463	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

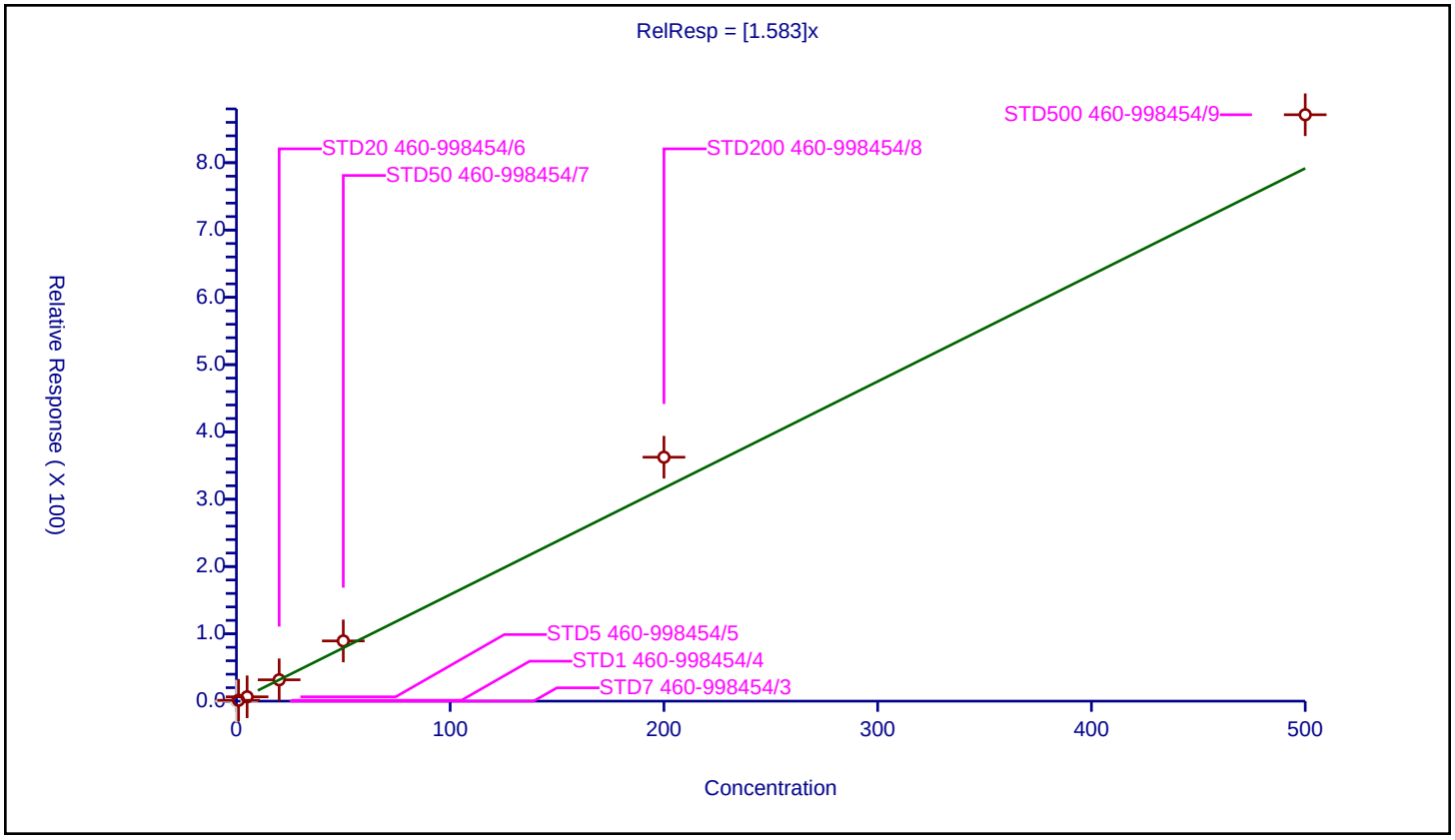
Curve Coefficients

Intercept:	0
Slope:	1.583

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	366641.0	NaN	N
2	STD1 460-998454/4	1.0	1.284419	50.0	335716.0	1.284419	Y
3	STD5 460-998454/5	5.0	6.429508	50.0	380589.0	1.285902	Y
4	STD20 460-998454/6	20.0	31.702798	50.0	397998.0	1.58514	Y
5	STD50 460-998454/7	50.0	89.470745	50.0	425296.0	1.789415	Y
6	STD200 460-998454/8	200.0	362.440406	50.0	478863.0	1.812202	Y
7	STD500 460-998454/9	500.0	871.294778	50.0	563664.0	1.74259	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

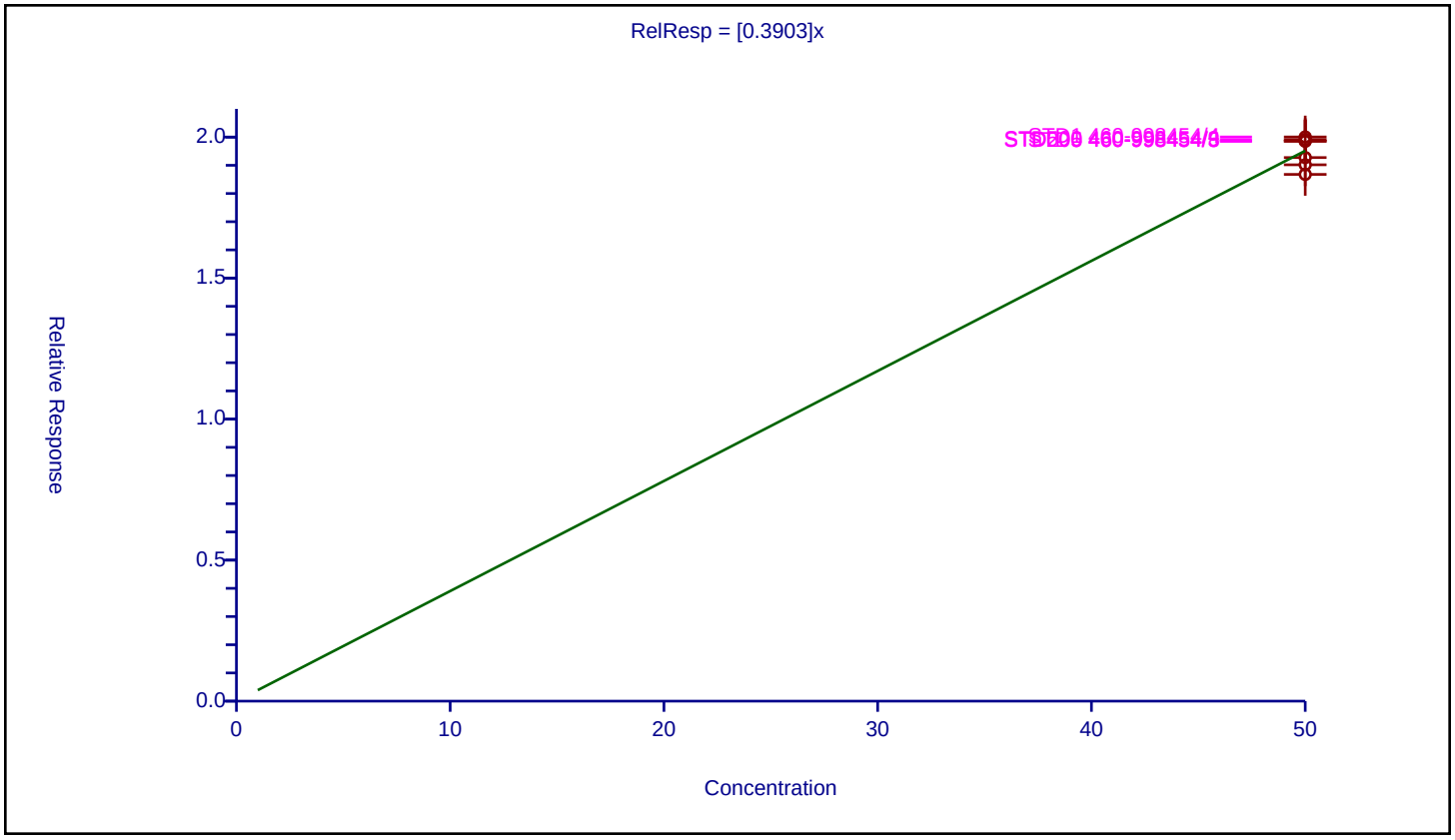
Curve Coefficients

Intercept:	0
Slope:	0.3903

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	50.0	18.676989	50.0	366641.0	0.37354	Y
2	STD1 460-998454/4	50.0	20.004408	50.0	335716.0	0.400088	Y
3	STD5 460-998454/5	50.0	19.851467	50.0	380589.0	0.397029	Y
4	STD20 460-998454/6	50.0	19.273715	50.0	397998.0	0.385474	Y
5	STD50 460-998454/7	50.0	19.017343	50.0	425296.0	0.380347	Y
6	STD200 460-998454/8	50.0	19.861004	50.0	478863.0	0.39722	Y
7	STD500 460-998454/9	50.0	19.910532	50.0	563664.0	0.398211	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

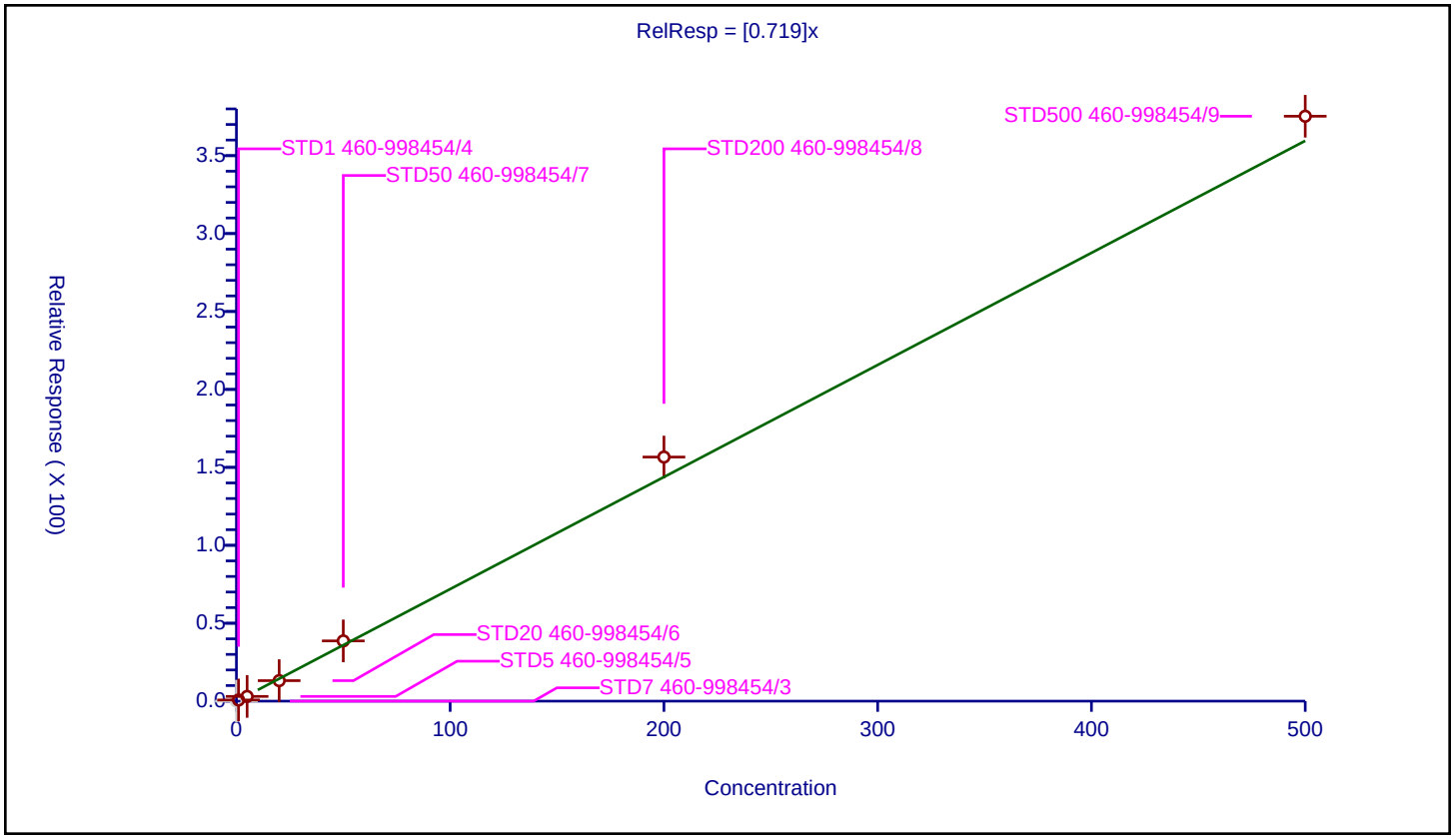
Curve Coefficients

Intercept:	0
Slope:	0.719

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.742002	50.0	188881.0	0.742002	Y
3	STD5 460-998454/5	5.0	3.040896	50.0	215841.0	0.608179	Y
4	STD20 460-998454/6	20.0	13.152028	50.0	234154.0	0.657601	Y
5	STD50 460-998454/7	50.0	38.638731	50.0	232320.0	0.772775	Y
6	STD200 460-998454/8	200.0	156.613576	50.0	258113.0	0.783068	Y
7	STD500 460-998454/9	500.0	375.286869	50.0	313471.0	0.750574	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

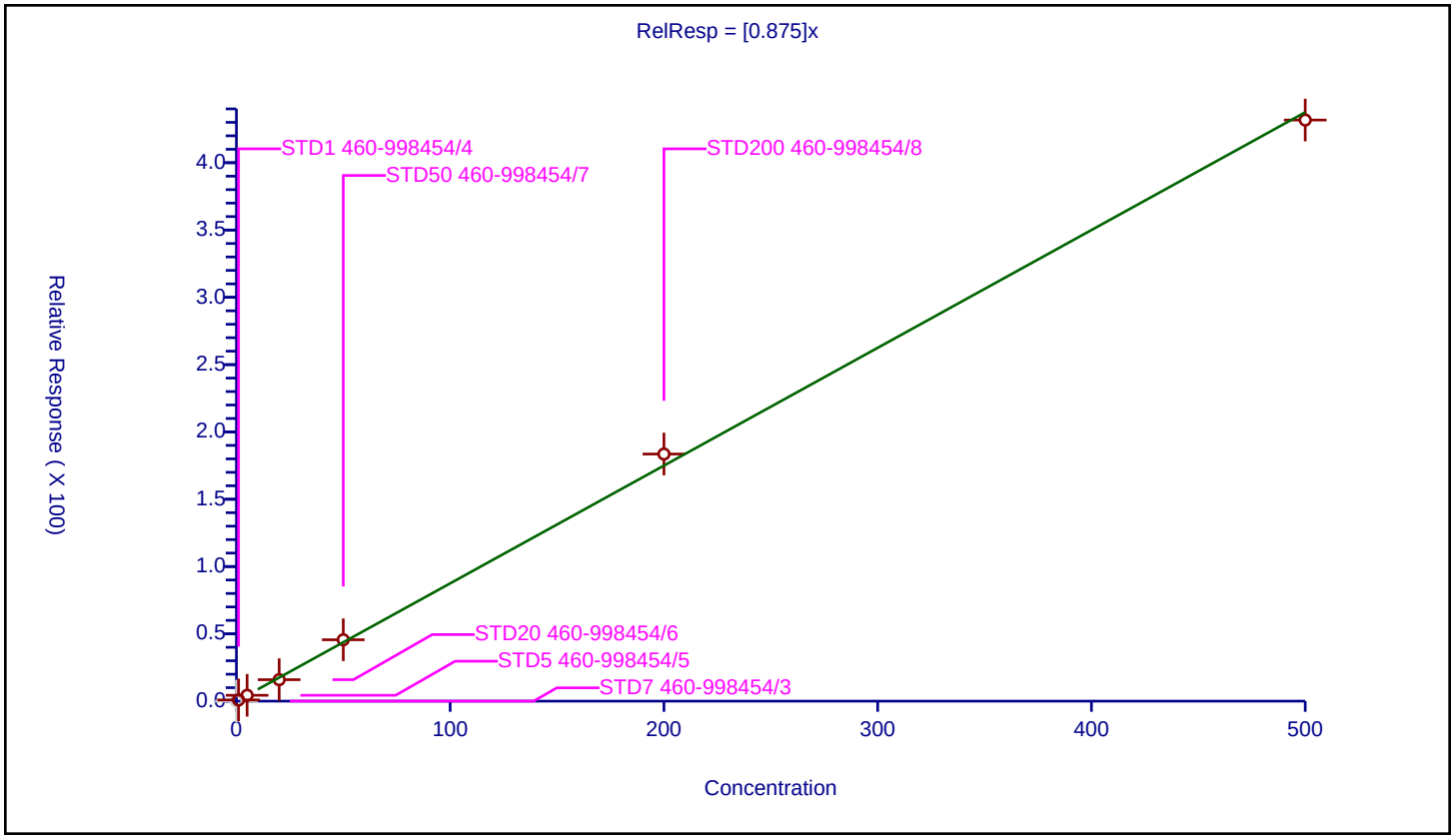
Curve Coefficients

Intercept:	0
Slope:	0.875

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.890243	50.0	188881.0	0.890243	Y
3	STD5 460-998454/5	5.0	4.343707	50.0	215841.0	0.868741	Y
4	STD20 460-998454/6	20.0	15.945275	50.0	234154.0	0.797264	Y
5	STD50 460-998454/7	50.0	45.605415	50.0	232320.0	0.912108	Y
6	STD200 460-998454/8	200.0	183.585678	50.0	258113.0	0.917928	Y
7	STD500 460-998454/9	500.0	431.718086	50.0	313471.0	0.863436	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

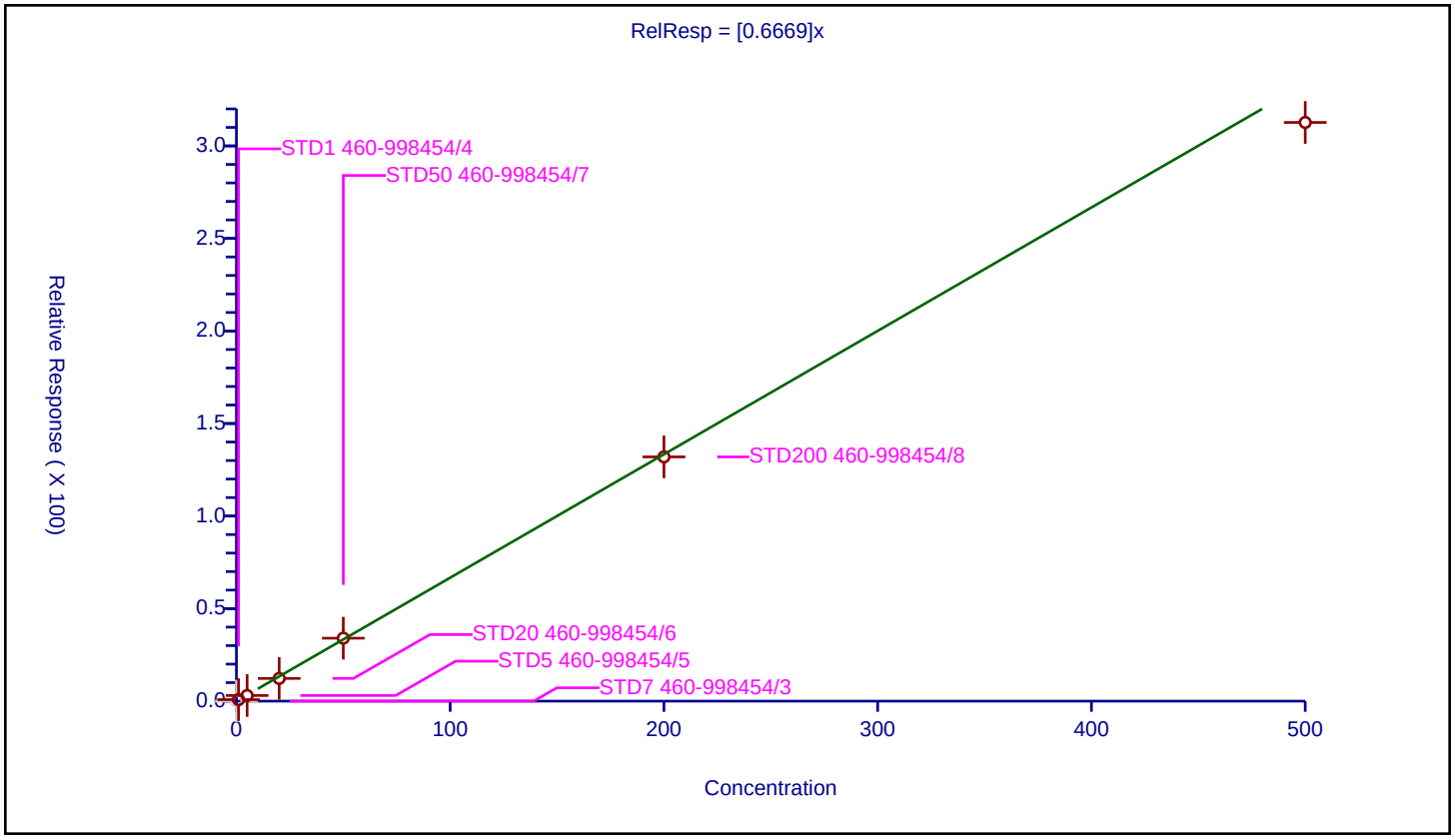
Curve Coefficients

Intercept:	0
Slope:	0.6669

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.814799	50.0	188881.0	0.814799	Y
3	STD5 460-998454/5	5.0	3.037189	50.0	215841.0	0.607438	Y
4	STD20 460-998454/6	20.0	12.268422	50.0	234154.0	0.613421	Y
5	STD50 460-998454/7	50.0	34.016443	50.0	232320.0	0.680329	Y
6	STD200 460-998454/8	200.0	131.968944	50.0	258113.0	0.659845	Y
7	STD500 460-998454/9	500.0	312.674857	50.0	313471.0	0.62535	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

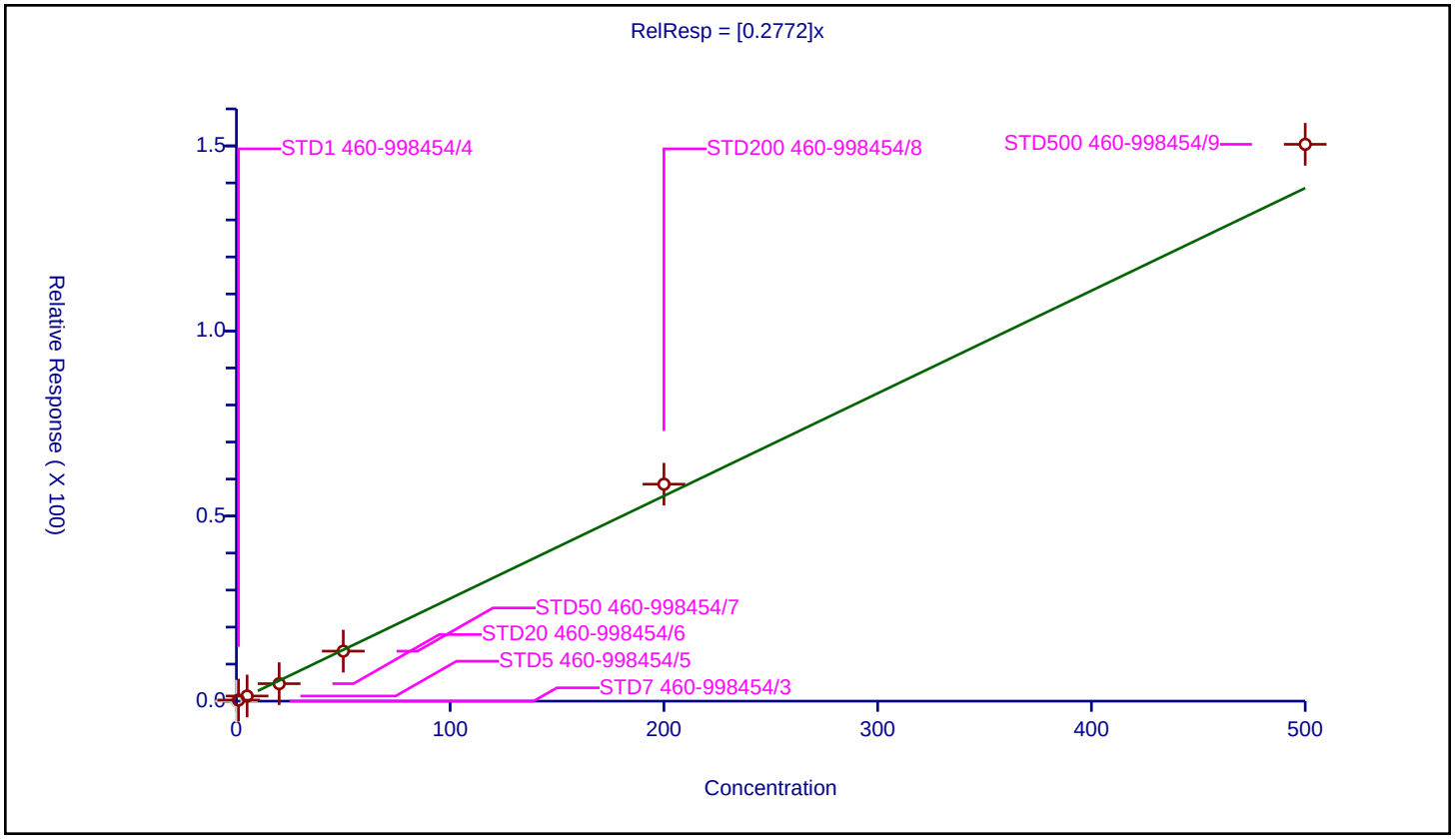
Curve Coefficients

Intercept:	0
Slope:	0.2772

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.286953	50.0	188881.0	0.286953	Y
3	STD5 460-998454/5	5.0	1.382499	50.0	215841.0	0.2765	Y
4	STD20 460-998454/6	20.0	4.713992	50.0	234154.0	0.2357	Y
5	STD50 460-998454/7	50.0	13.510244	50.0	232320.0	0.270205	Y
6	STD200 460-998454/8	200.0	58.60902	50.0	258113.0	0.293045	Y
7	STD500 460-998454/9	500.0	150.42811	50.0	313471.0	0.300856	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

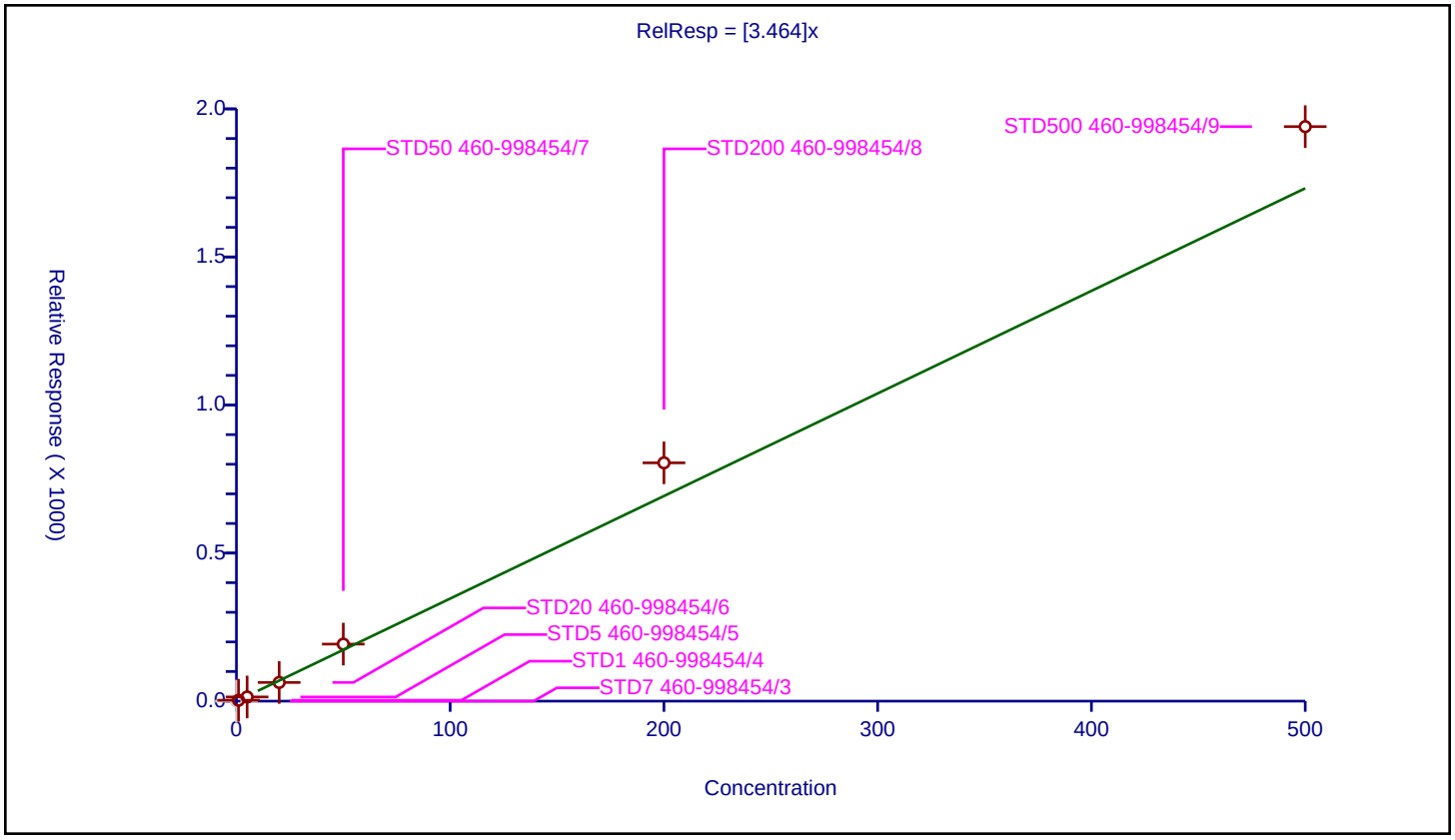
Curve Coefficients

Intercept:	0
Slope:	3.464

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	3.060657	50.0	188881.0	3.060657	Y
3	STD5 460-998454/5	5.0	14.038806	50.0	215841.0	2.807761	Y
4	STD20 460-998454/6	20.0	63.129607	50.0	234154.0	3.15648	Y
5	STD50 460-998454/7	50.0	192.63193	50.0	232320.0	3.852639	Y
6	STD200 460-998454/8	200.0	804.713052	50.0	258113.0	4.023565	Y
7	STD500 460-998454/9	500.0	1940.080741	50.0	313471.0	3.880161	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

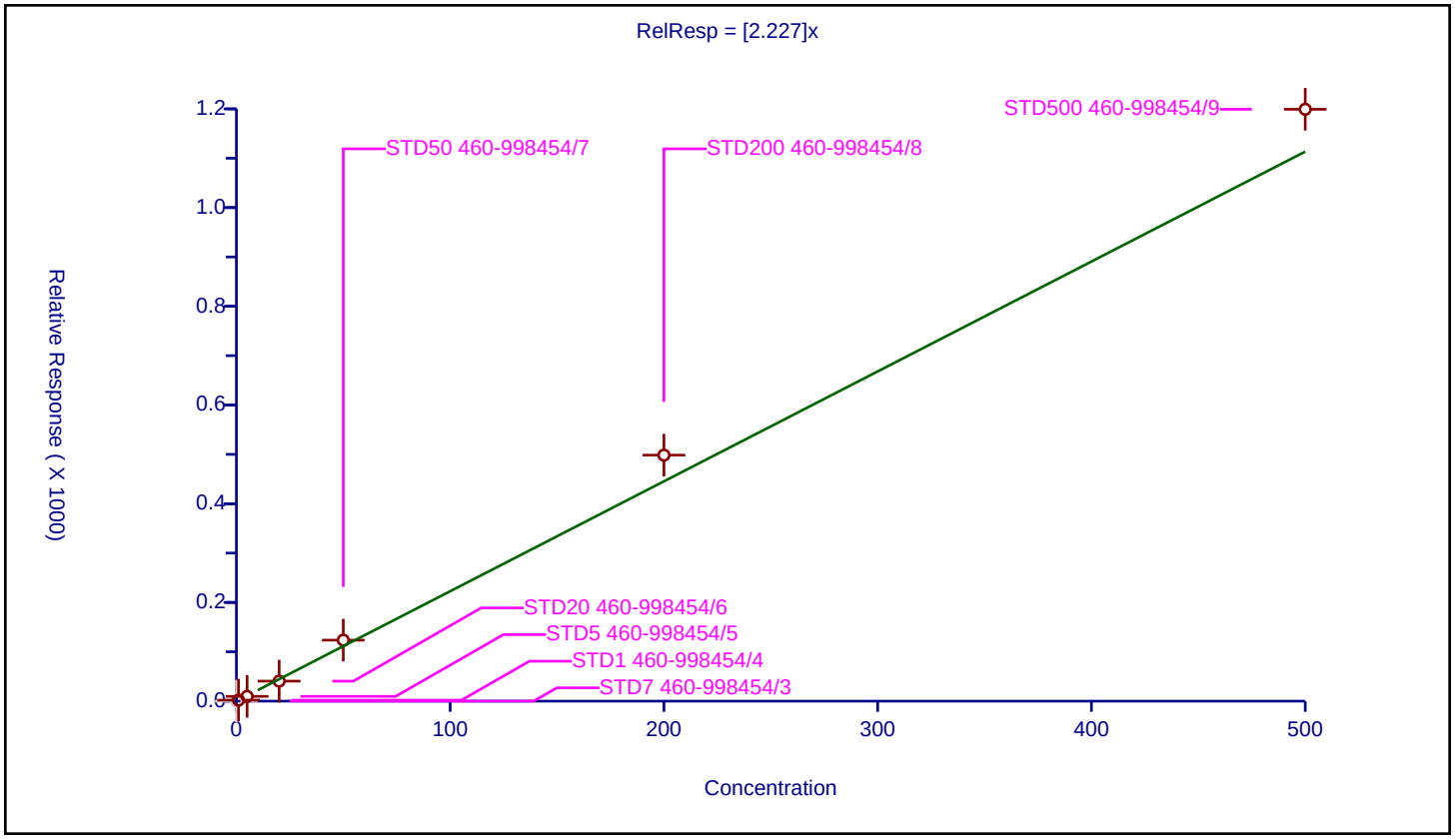
Curve Coefficients

Intercept:	0
Slope:	2.227

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.039115	50.0	188881.0	2.039115	Y
3	STD5 460-998454/5	5.0	9.659889	50.0	215841.0	1.931978	Y
4	STD20 460-998454/6	20.0	40.552585	50.0	234154.0	2.027629	Y
5	STD50 460-998454/7	50.0	123.58385	50.0	232320.0	2.471677	Y
6	STD200 460-998454/8	200.0	498.441187	50.0	258113.0	2.492206	Y
7	STD500 460-998454/9	500.0	1199.167706	50.0	313471.0	2.398335	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

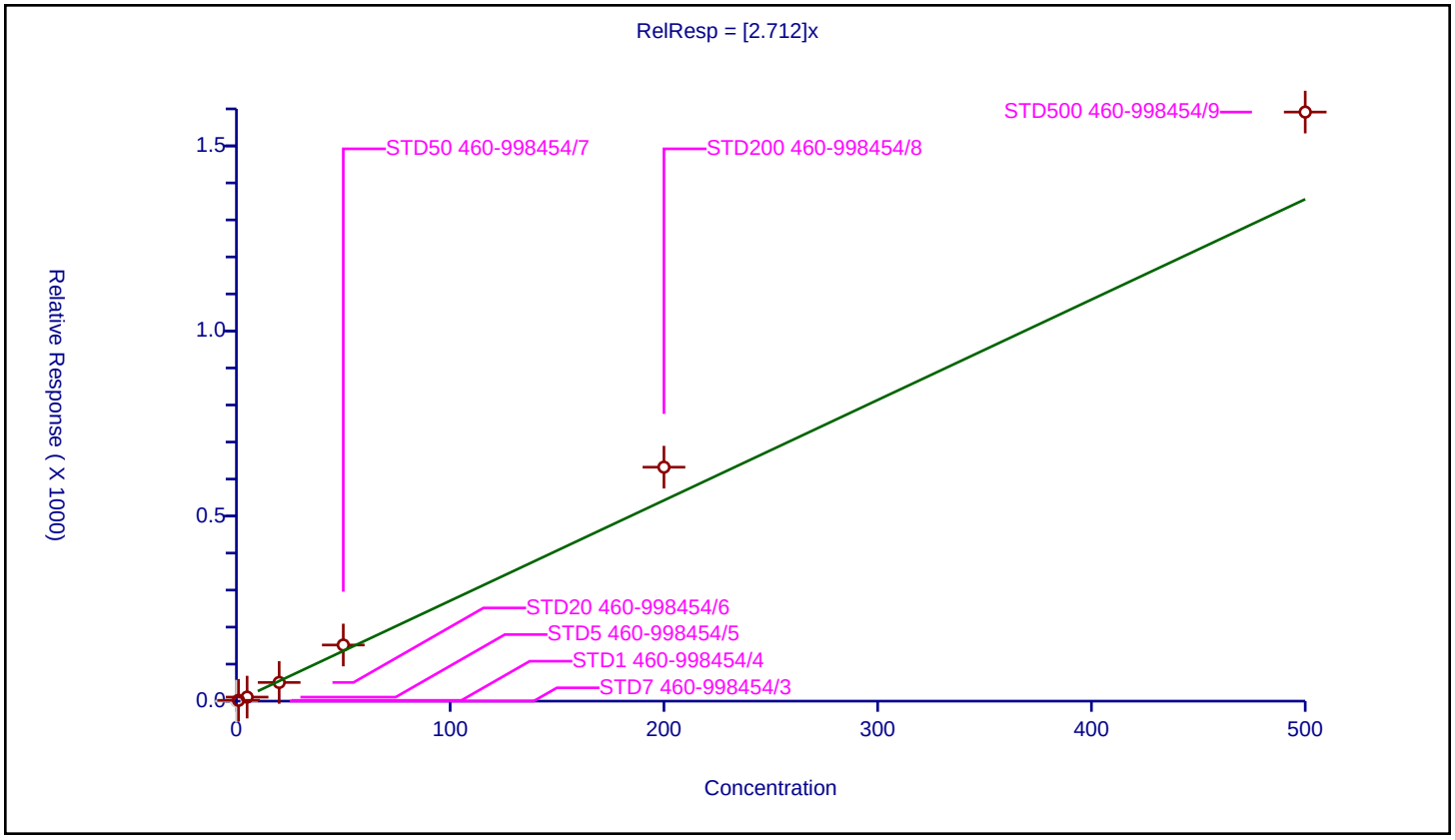
Curve Coefficients

Intercept:	0
Slope:	2.712

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.198209	50.0	188881.0	2.198209	Y
3	STD5 460-998454/5	5.0	10.869575	50.0	215841.0	2.173915	Y
4	STD20 460-998454/6	20.0	50.455042	50.0	234154.0	2.522752	Y
5	STD50 460-998454/7	50.0	151.670756	50.0	232320.0	3.033415	Y
6	STD200 460-998454/8	200.0	632.108224	50.0	258113.0	3.160541	Y
7	STD500 460-998454/9	500.0	1591.402713	50.0	313471.0	3.182805	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

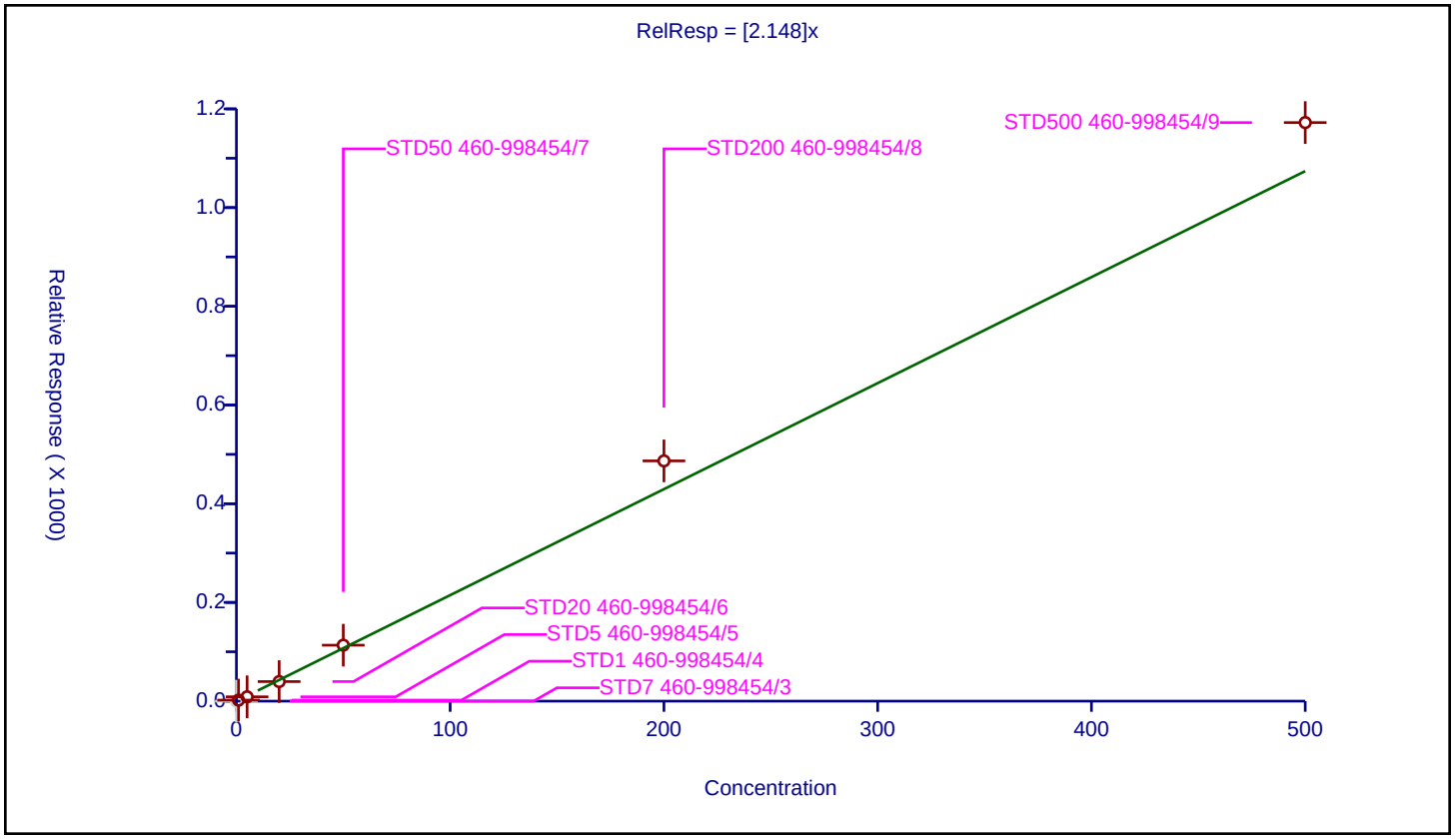
Curve Coefficients

Intercept:	0
Slope:	2.148

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.102117	50.0	188881.0	2.102117	Y
3	STD5 460-998454/5	5.0	8.784707	50.0	215841.0	1.756941	Y
4	STD20 460-998454/6	20.0	39.633745	50.0	234154.0	1.981687	Y
5	STD50 460-998454/7	50.0	113.36411	50.0	232320.0	2.267282	Y
6	STD200 460-998454/8	200.0	486.780015	50.0	258113.0	2.4339	Y
7	STD500 460-998454/9	500.0	1172.238899	50.0	313471.0	2.344478	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

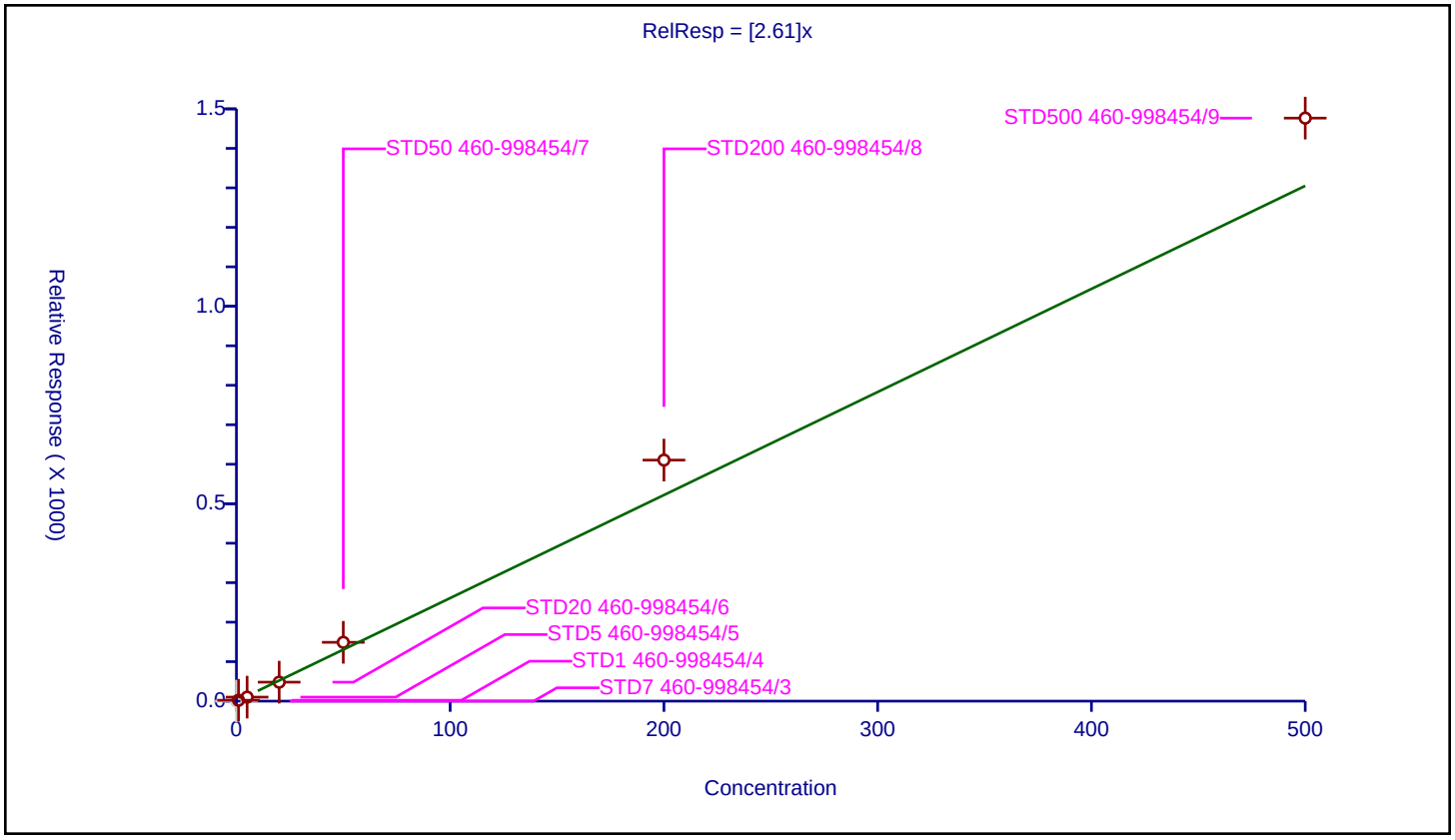
Curve Coefficients

Intercept:	0
Slope:	2.61

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.236593	50.0	188881.0	2.236593	Y
3	STD5 460-998454/5	5.0	10.180411	50.0	215841.0	2.036082	Y
4	STD20 460-998454/6	20.0	48.046585	50.0	234154.0	2.402329	Y
5	STD50 460-998454/7	50.0	148.974905	50.0	232320.0	2.979498	Y
6	STD200 460-998454/8	200.0	610.516518	50.0	258113.0	3.052583	Y
7	STD500 460-998454/9	500.0	1476.661477	50.0	313471.0	2.953323	Y



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Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

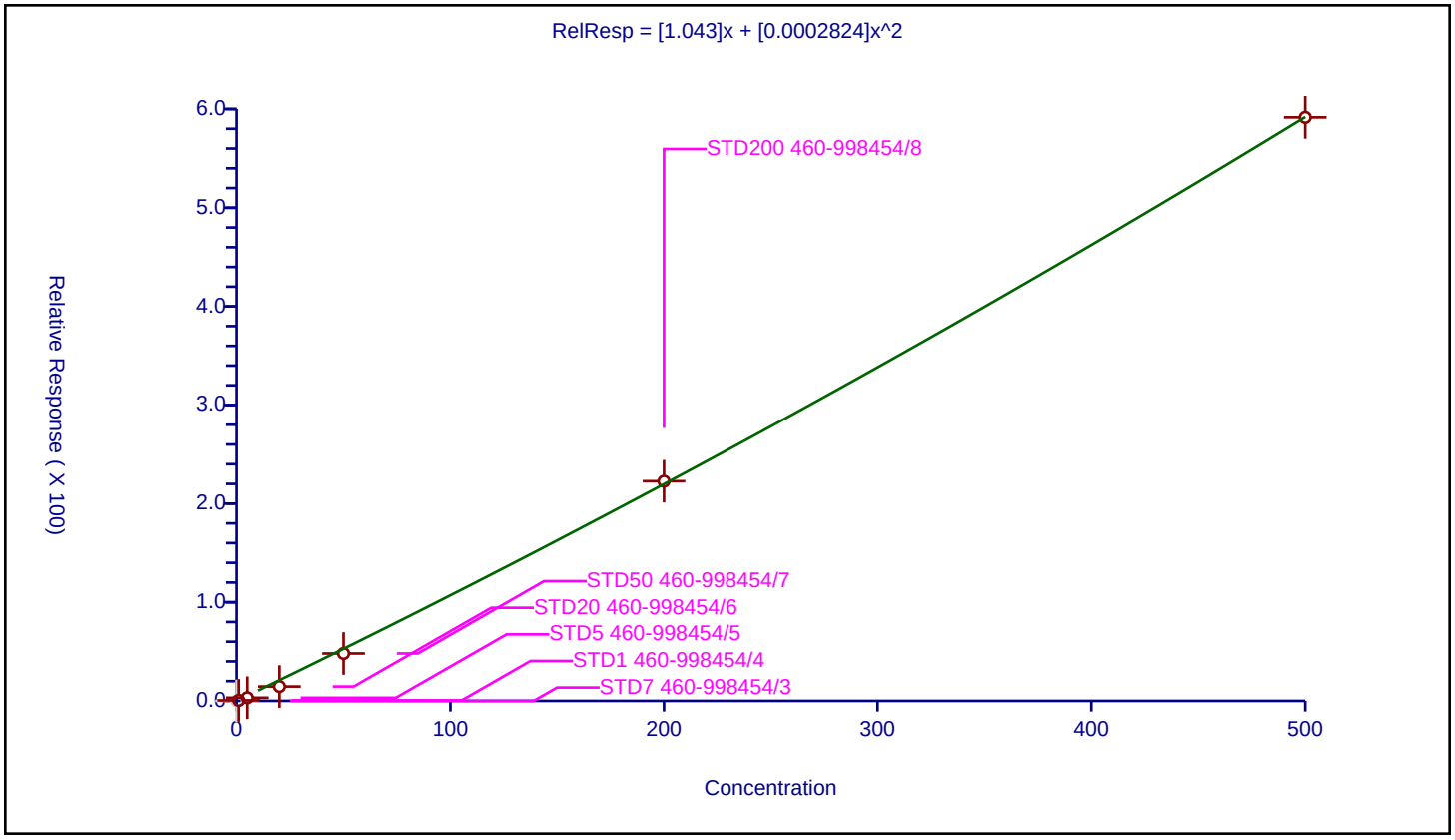
Curve Coefficients

Intercept:	0
Slope:	1.043
Second Order:	0.0002824

Error Coefficients

Relative Standard Deviation:	36.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.504021	50.0	188881.0	0.504021	Y
3	STD5 460-998454/5	5.0	3.175717	50.0	215841.0	0.635143	Y
4	STD20 460-998454/6	20.0	14.522067	50.0	234154.0	0.726103	Y
5	STD50 460-998454/7	50.0	48.081095	50.0	232320.0	0.961622	Y
6	STD200 460-998454/8	200.0	222.752632	50.0	258113.0	1.113763	Y
7	STD500 460-998454/9	500.0	591.567322	50.0	313471.0	1.183135	Y



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Calibration / tert-Butylbenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

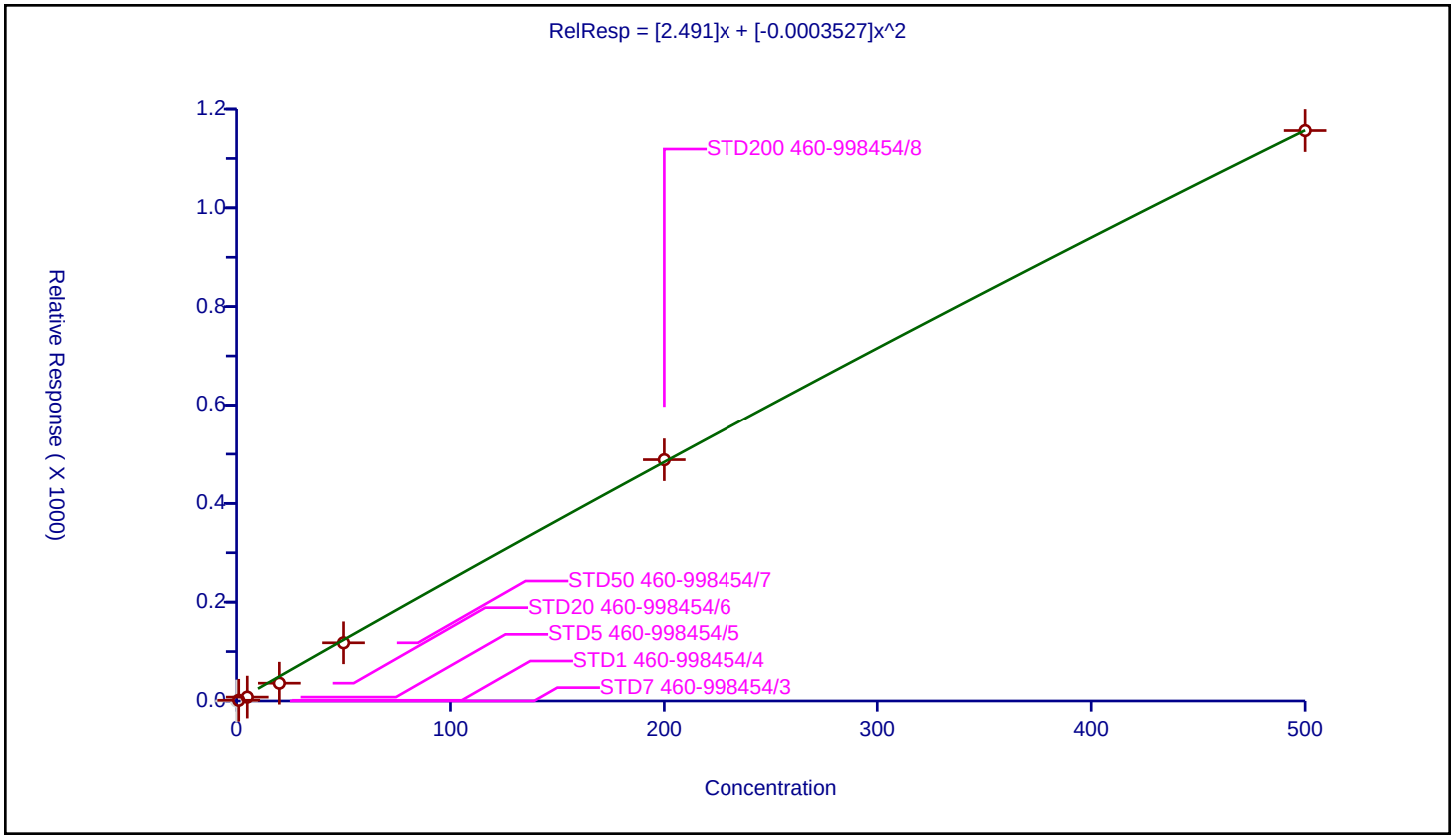
Curve Coefficients

Intercept:	0
Slope:	2.491
Second Order:	-0.0003527

Error Coefficients

Relative Standard Deviation:	31.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.430795	50.0	188881.0	1.430795	Y
3	STD5 460-998454/5	5.0	7.835166	50.0	215841.0	1.567033	Y
4	STD20 460-998454/6	20.0	36.018817	50.0	234154.0	1.800941	Y
5	STD50 460-998454/7	50.0	117.752238	50.0	232320.0	2.355045	Y
6	STD200 460-998454/8	200.0	488.610996	50.0	258113.0	2.443055	Y
7	STD500 460-998454/9	500.0	1156.487522	50.0	313471.0	2.312975	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

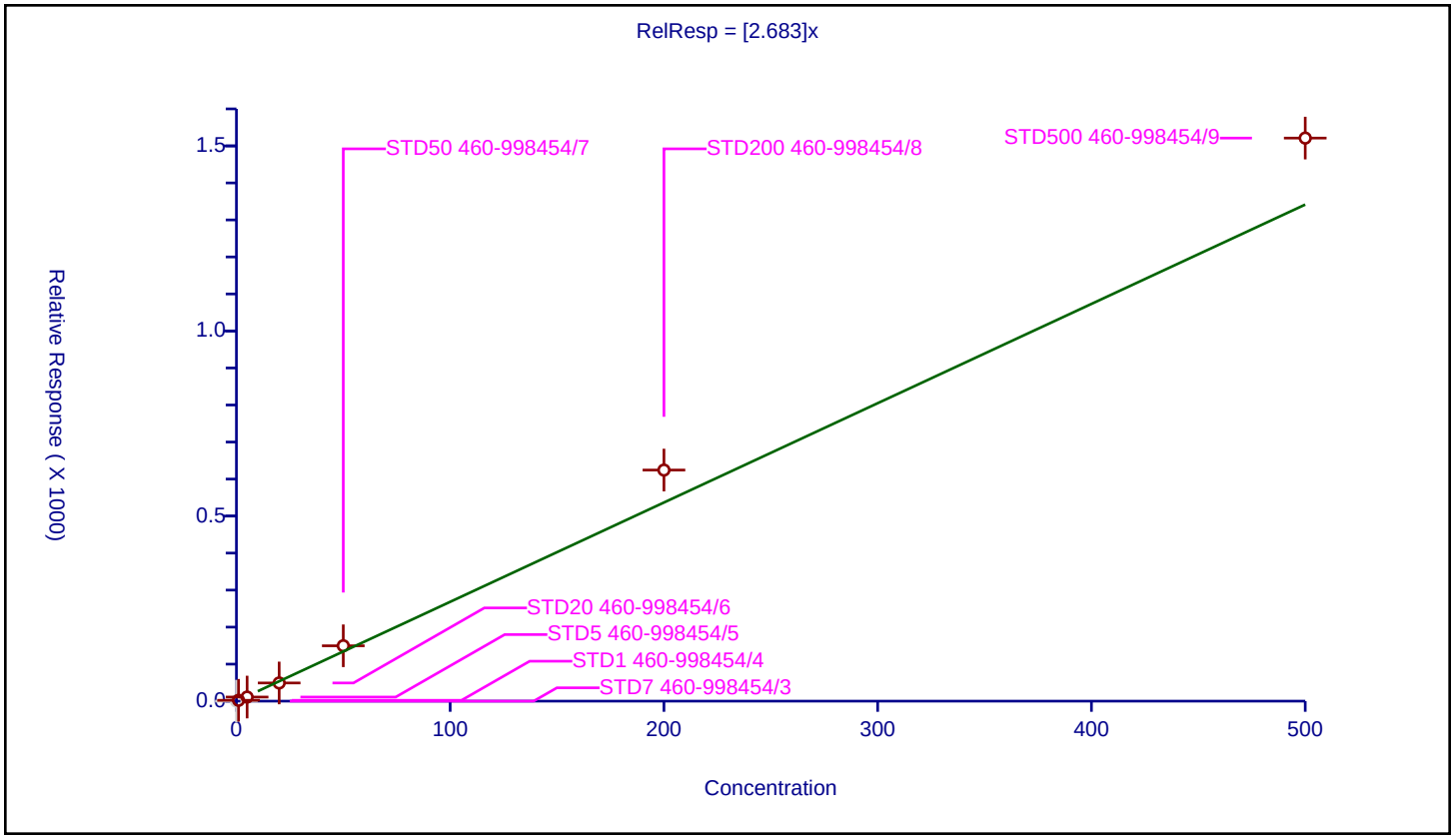
Curve Coefficients

Intercept:	0
Slope:	2.683

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.27683	50.0	188881.0	2.27683	Y
3	STD5 460-998454/5	5.0	11.044936	50.0	215841.0	2.208987	Y
4	STD20 460-998454/6	20.0	49.130914	50.0	234154.0	2.456546	Y
5	STD50 460-998454/7	50.0	149.578383	50.0	232320.0	2.991568	Y
6	STD200 460-998454/8	200.0	624.270378	50.0	258113.0	3.121352	Y
7	STD500 460-998454/9	500.0	1521.126197	50.0	313471.0	3.042252	Y



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Calibration / sec-Butylbenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

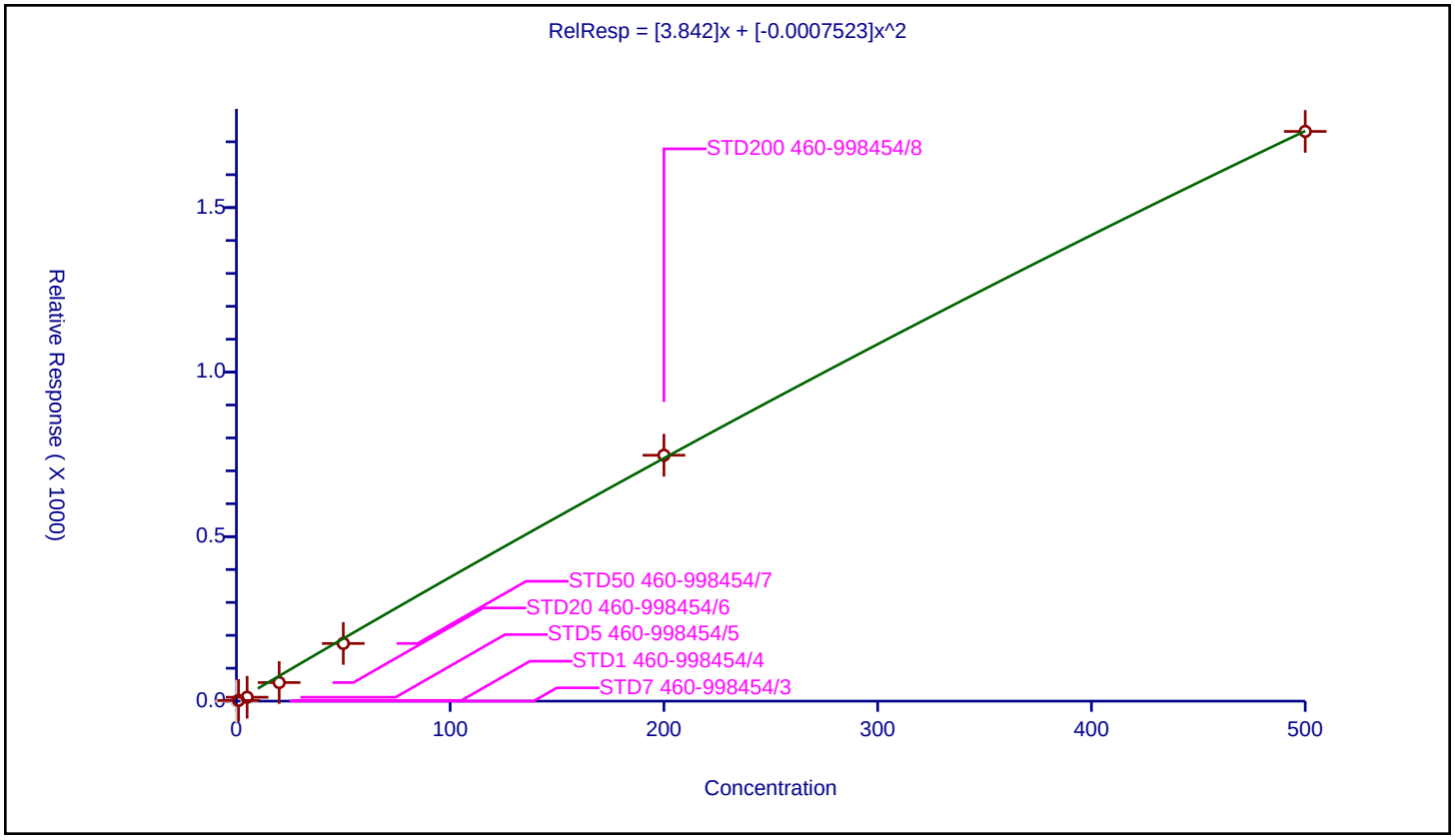
Curve Coefficients

Intercept:	0
Slope:	3.842
Second Order:	-0.0007523

Error Coefficients

Relative Standard Deviation:	32.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.166973	50.0	188881.0	2.166973	Y
3	STD5 460-998454/5	5.0	11.864057	50.0	215841.0	2.372811	Y
4	STD20 460-998454/6	20.0	56.550817	50.0	234154.0	2.827541	Y
5	STD50 460-998454/7	50.0	175.3323	50.0	232320.0	3.506646	Y
6	STD200 460-998454/8	200.0	747.36104	50.0	258113.0	3.736805	Y
7	STD500 460-998454/9	500.0	1731.545821	50.0	313471.0	3.463092	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

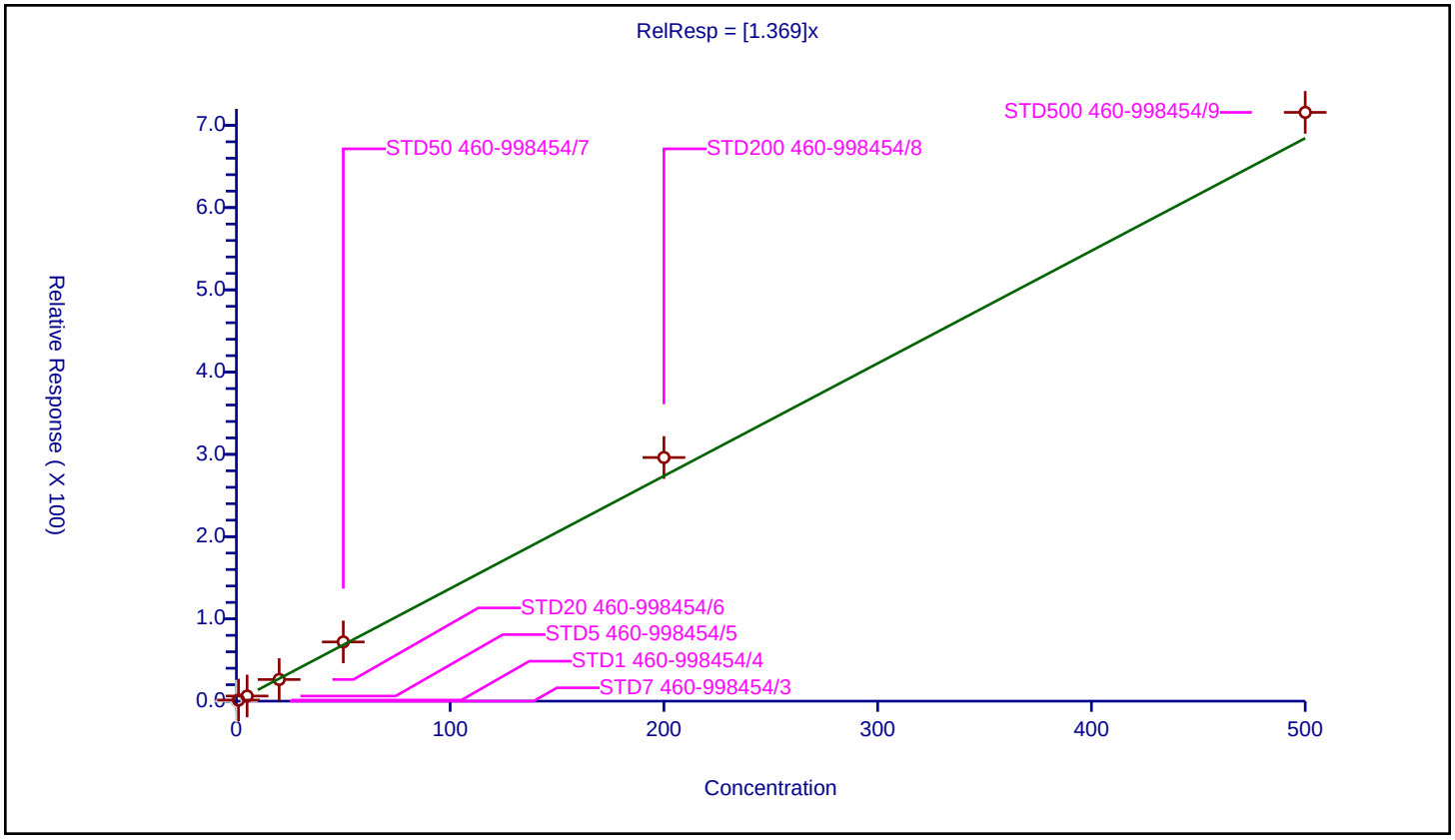
Curve Coefficients

Intercept:	0
Slope:	1.369

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.29526	50.0	188881.0	1.29526	Y
3	STD5 460-998454/5	5.0	6.245338	50.0	215841.0	1.249068	Y
4	STD20 460-998454/6	20.0	26.317936	50.0	234154.0	1.315897	Y
5	STD50 460-998454/7	50.0	71.969482	50.0	232320.0	1.43939	Y
6	STD200 460-998454/8	200.0	296.186941	50.0	258113.0	1.480935	Y
7	STD500 460-998454/9	500.0	715.768923	50.0	313471.0	1.431538	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

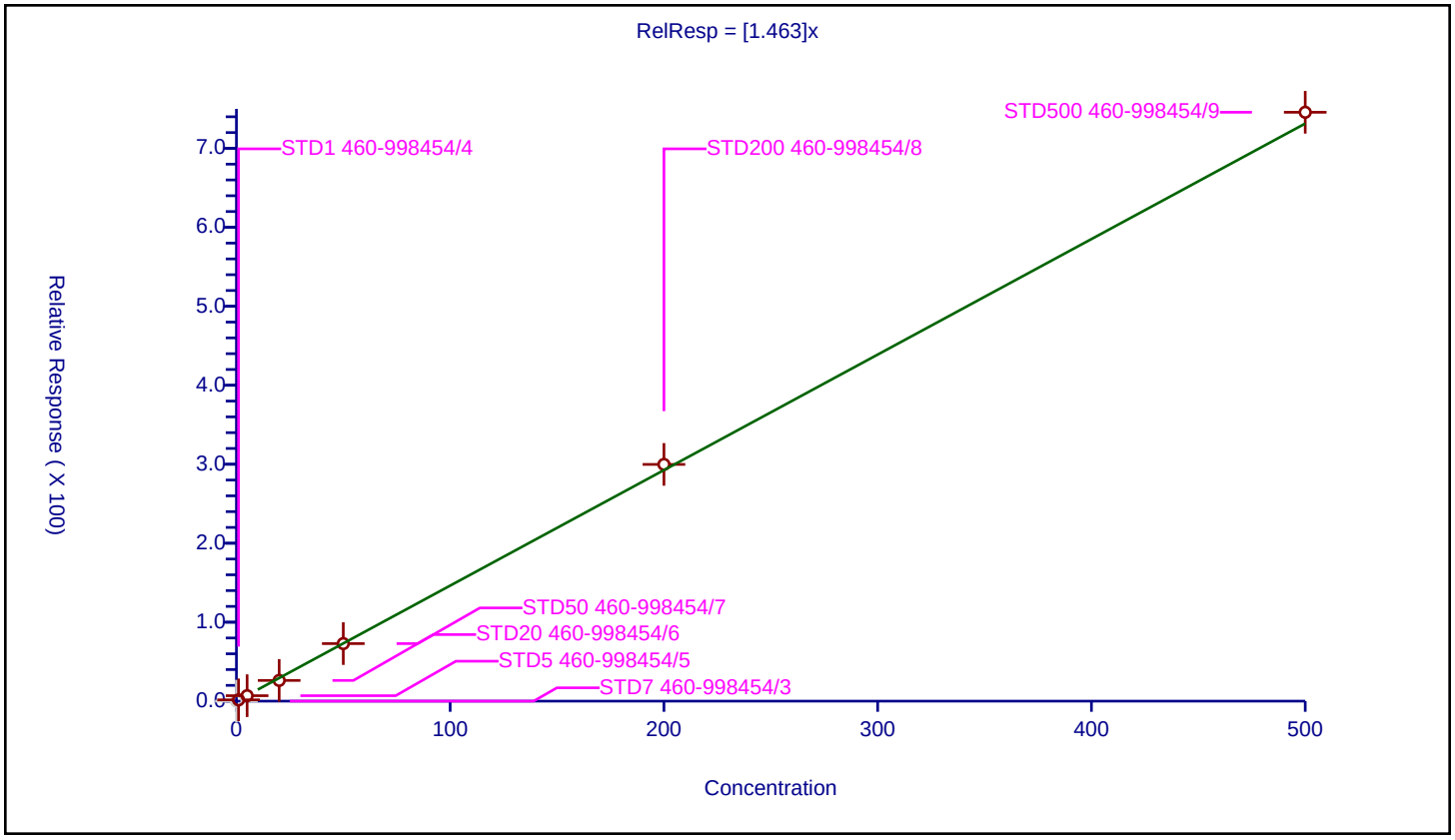
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.640451	50.0	188881.0	1.640451	Y
3	STD5 460-998454/5	5.0	6.889794	50.0	215841.0	1.377959	Y
4	STD20 460-998454/6	20.0	26.218856	50.0	234154.0	1.310943	Y
5	STD50 460-998454/7	50.0	72.874483	50.0	232320.0	1.45749	Y
6	STD200 460-998454/8	200.0	299.780329	50.0	258113.0	1.498902	Y
7	STD500 460-998454/9	500.0	745.713958	50.0	313471.0	1.491428	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

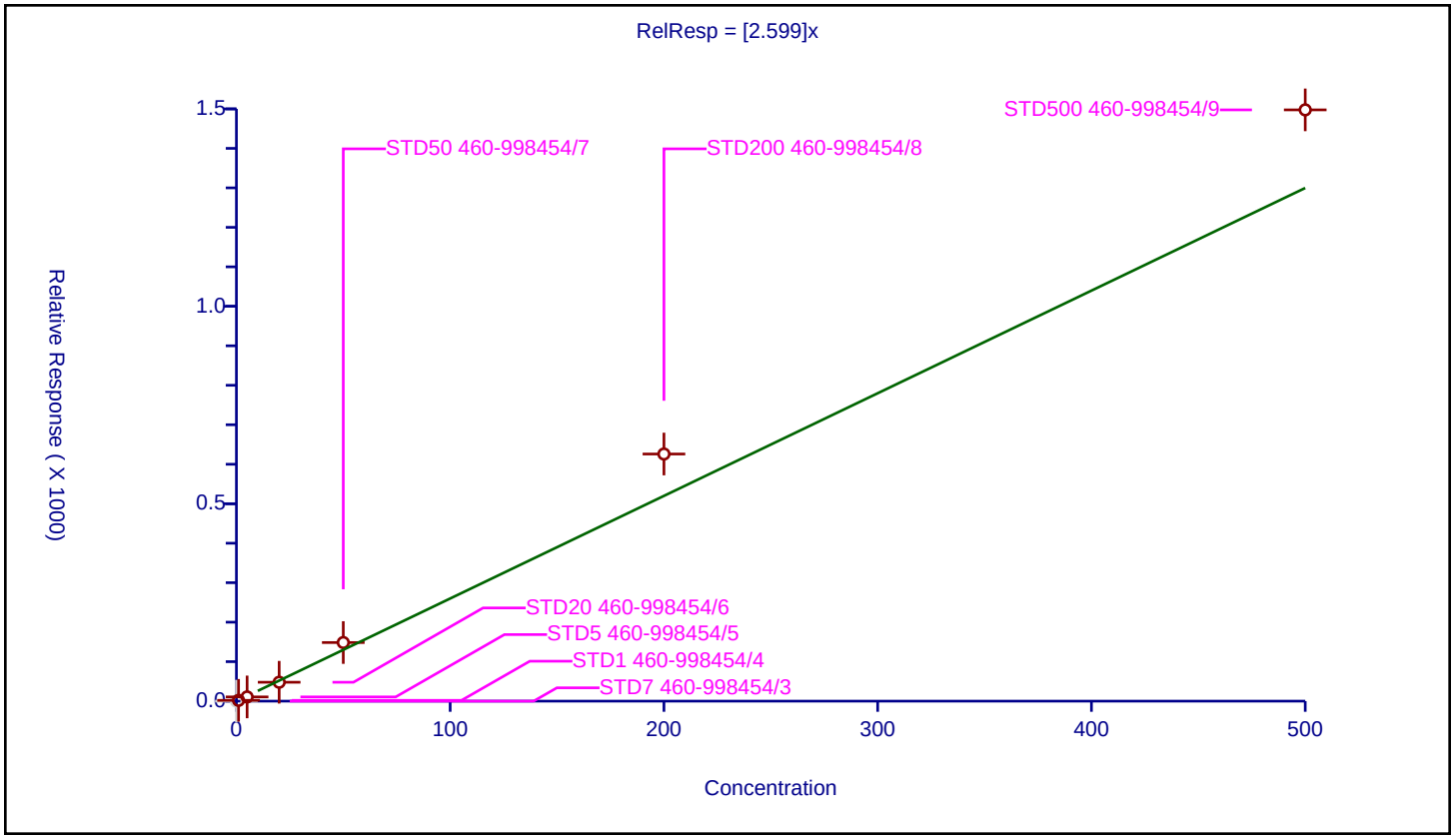
Curve Coefficients

Intercept:	0
Slope:	2.599

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.965788	50.0	188881.0	1.965788	Y
3	STD5 460-998454/5	5.0	10.718538	50.0	215841.0	2.143708	Y
4	STD20 460-998454/6	20.0	47.863799	50.0	234154.0	2.39319	Y
5	STD50 460-998454/7	50.0	148.431259	50.0	232320.0	2.968625	Y
6	STD200 460-998454/8	200.0	625.913457	50.0	258113.0	3.129567	Y
7	STD500 460-998454/9	500.0	1497.481745	50.0	313471.0	2.994963	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

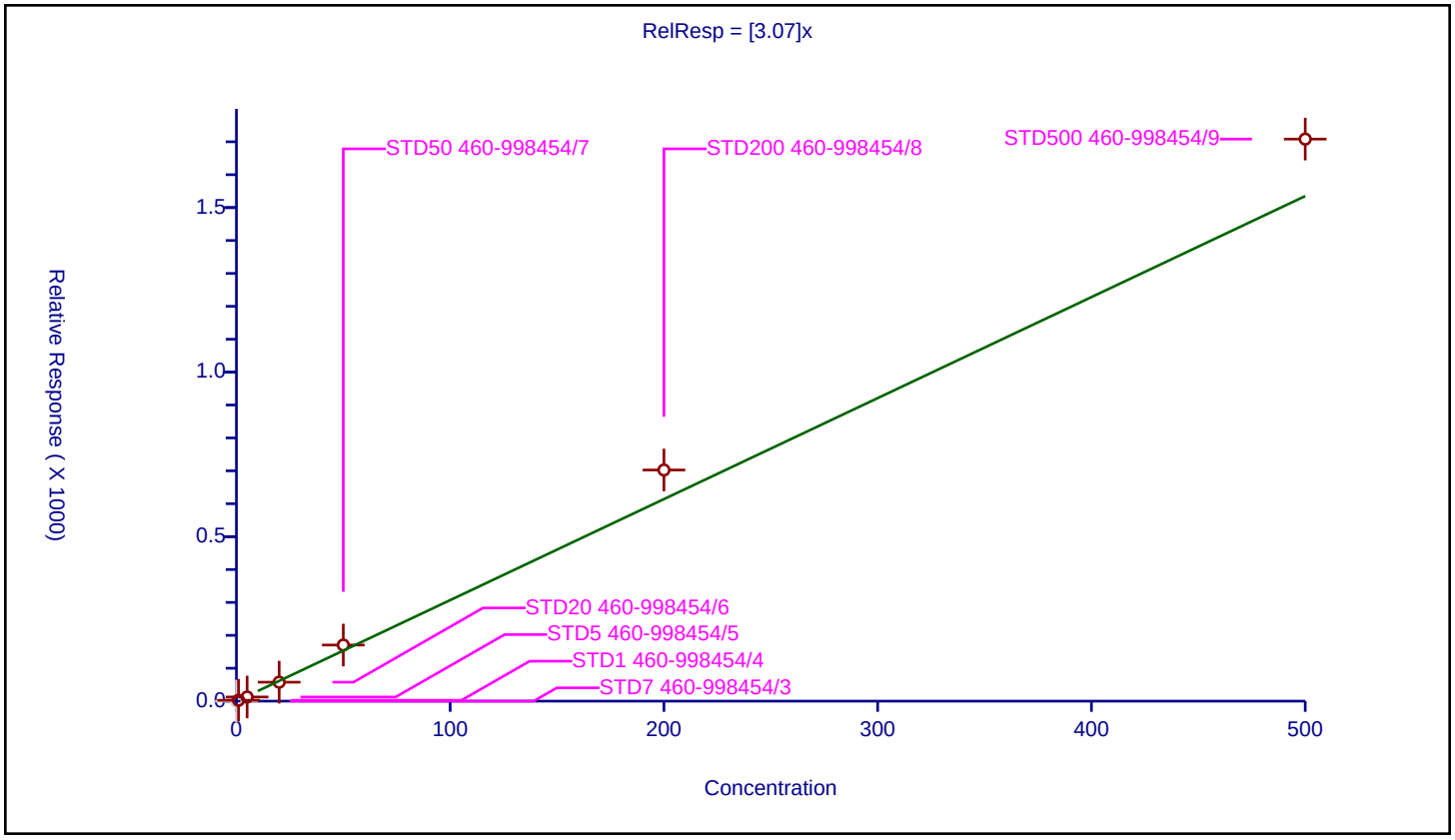
Curve Coefficients

Intercept:	0
Slope:	3.07

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.685024	50.0	188881.0	2.685024	Y
3	STD5 460-998454/5	5.0	12.58102	50.0	215841.0	2.516204	Y
4	STD20 460-998454/6	20.0	57.595215	50.0	234154.0	2.879761	Y
5	STD50 460-998454/7	50.0	170.496729	50.0	232320.0	3.409935	Y
6	STD200 460-998454/8	200.0	702.504911	50.0	258113.0	3.512525	Y
7	STD500 460-998454/9	500.0	1708.219421	50.0	313471.0	3.416439	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

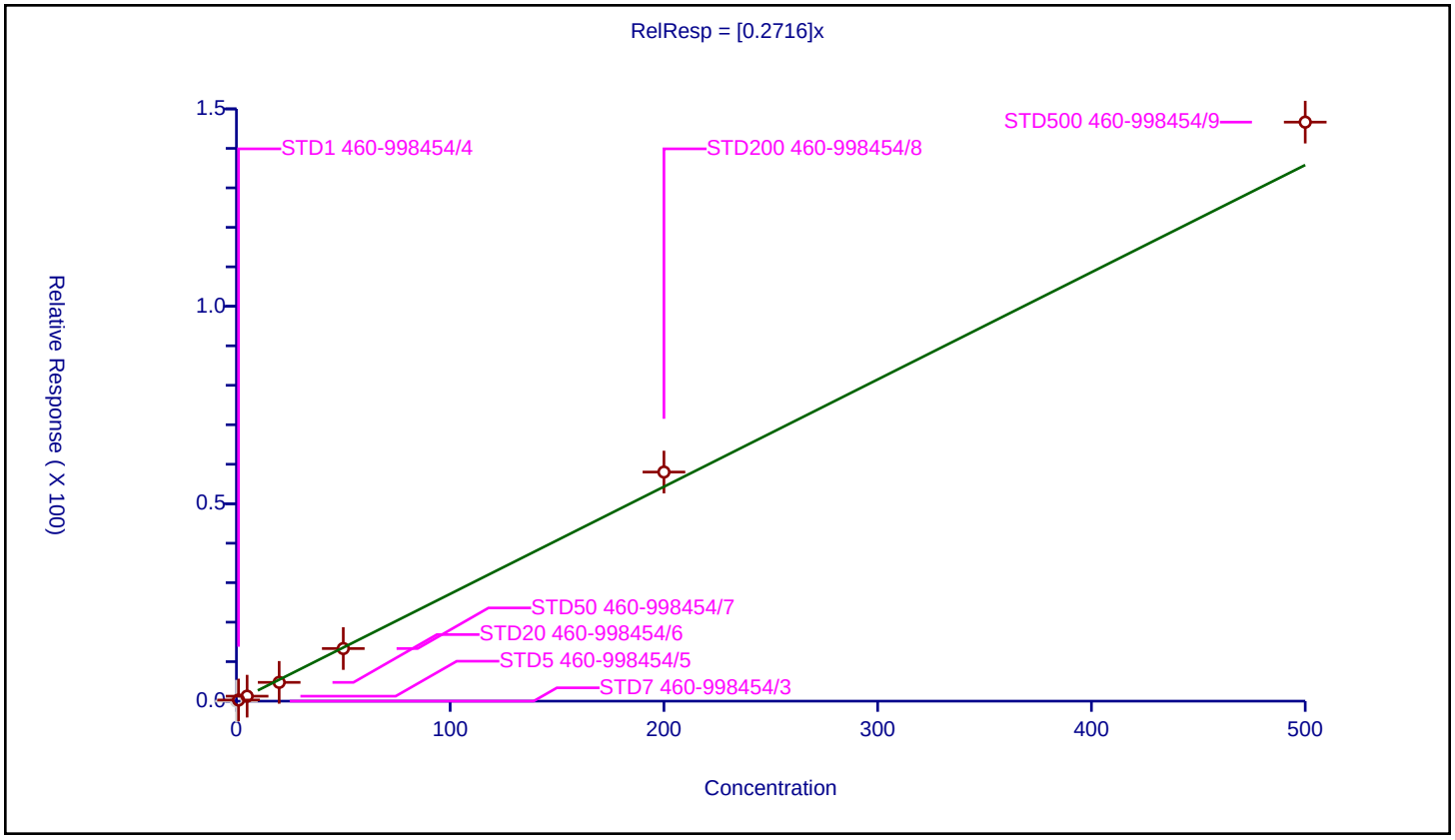
Curve Coefficients

Intercept:	0
Slope:	0.2716

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.2896	50.0	188881.0	0.2896	Y
3	STD5 460-998454/5	5.0	1.261345	50.0	215841.0	0.252269	Y
4	STD20 460-998454/6	20.0	4.753923	50.0	234154.0	0.237696	Y
5	STD50 460-998454/7	50.0	13.322357	50.0	232320.0	0.266447	Y
6	STD200 460-998454/8	200.0	58.025942	50.0	258113.0	0.29013	Y
7	STD500 460-998454/9	500.0	146.645144	50.0	313471.0	0.29329	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

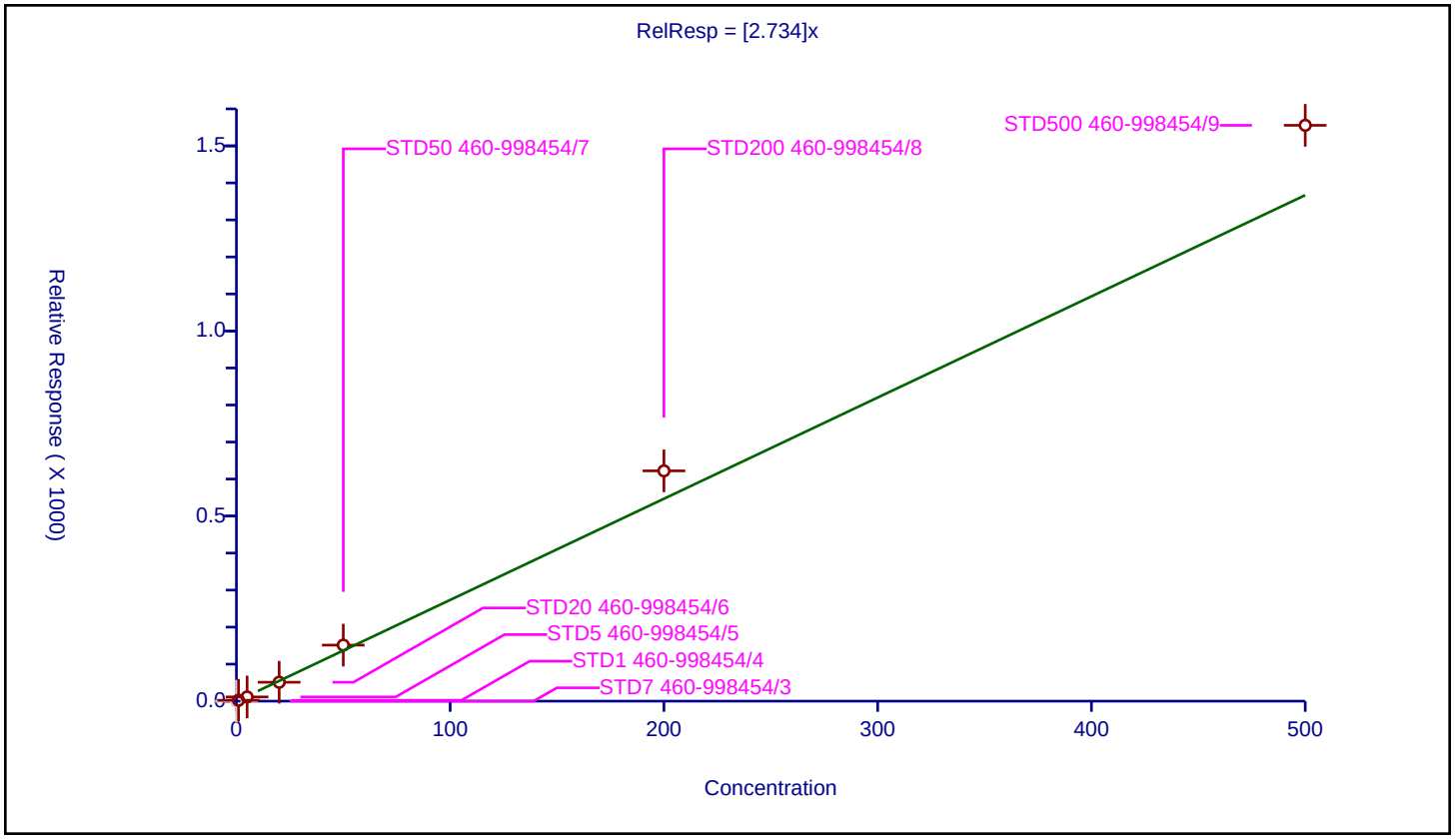
Curve Coefficients

Intercept:	0
Slope:	2.734

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	2.333215	50.0	188881.0	2.333215	Y
3	STD5 460-998454/5	5.0	11.336354	50.0	215841.0	2.267271	Y
4	STD20 460-998454/6	20.0	51.062976	50.0	234154.0	2.553149	Y
5	STD50 460-998454/7	50.0	151.349001	50.0	232320.0	3.02698	Y
6	STD200 460-998454/8	200.0	622.175752	50.0	258113.0	3.110879	Y
7	STD500 460-998454/9	500.0	1555.60626	50.0	313471.0	3.111213	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

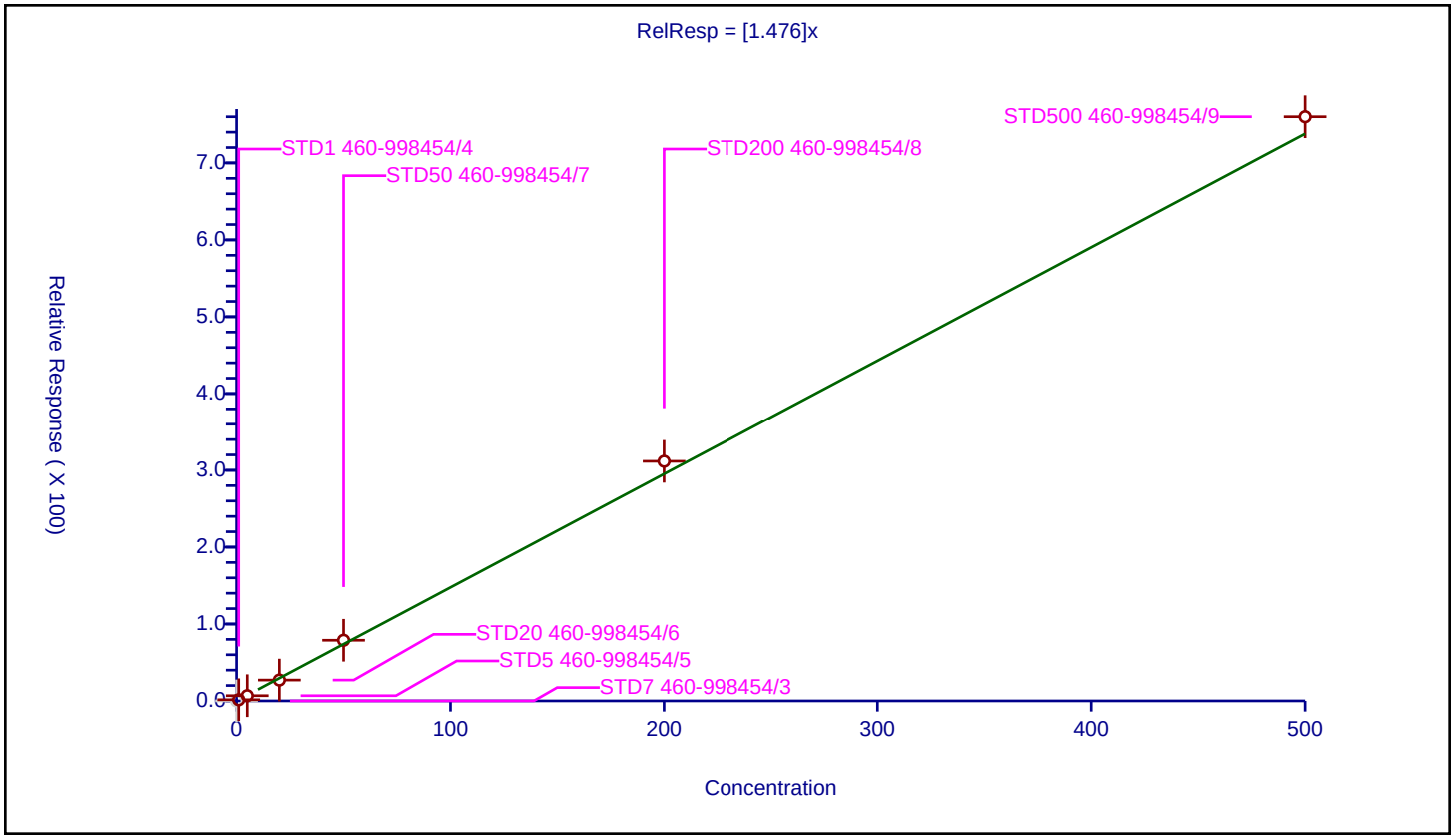
Curve Coefficients

Intercept:	0
Slope:	1.476

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.490886	50.0	188881.0	1.490886	Y
3	STD5 460-998454/5	5.0	6.767713	50.0	215841.0	1.353543	Y
4	STD20 460-998454/6	20.0	27.100327	50.0	234154.0	1.355016	Y
5	STD50 460-998454/7	50.0	78.861269	50.0	232320.0	1.577225	Y
6	STD200 460-998454/8	200.0	311.702433	50.0	258113.0	1.558512	Y
7	STD500 460-998454/9	500.0	760.016716	50.0	313471.0	1.520033	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

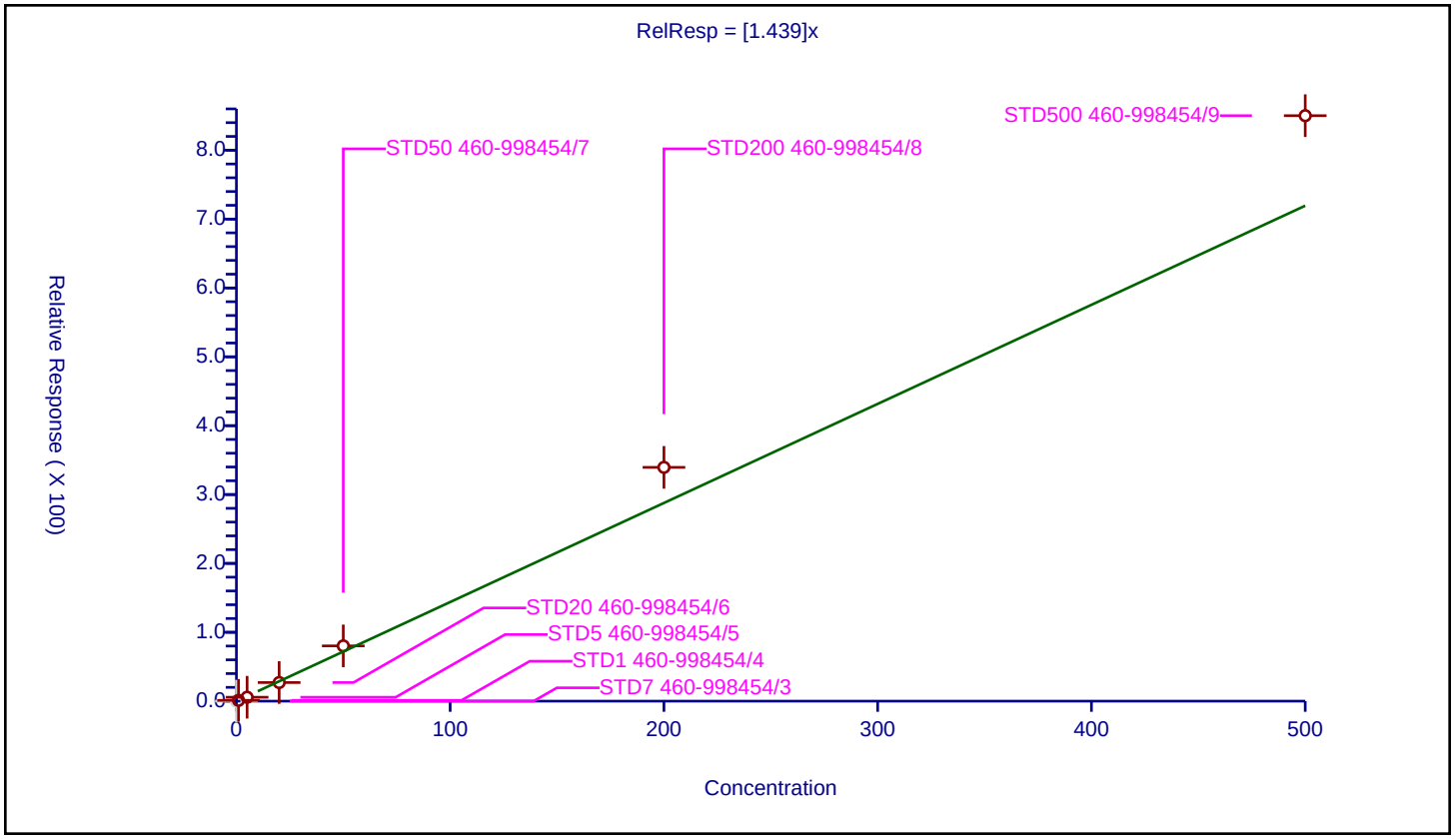
Curve Coefficients

Intercept:	0
Slope:	1.439

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.144636	50.0	188881.0	1.144636	Y
3	STD5 460-998454/5	5.0	5.671304	50.0	215841.0	1.134261	Y
4	STD20 460-998454/6	20.0	27.030928	50.0	234154.0	1.351546	Y
5	STD50 460-998454/7	50.0	80.220386	50.0	232320.0	1.604408	Y
6	STD200 460-998454/8	200.0	339.454425	50.0	258113.0	1.697272	Y
7	STD500 460-998454/9	500.0	850.11915	50.0	313471.0	1.700238	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

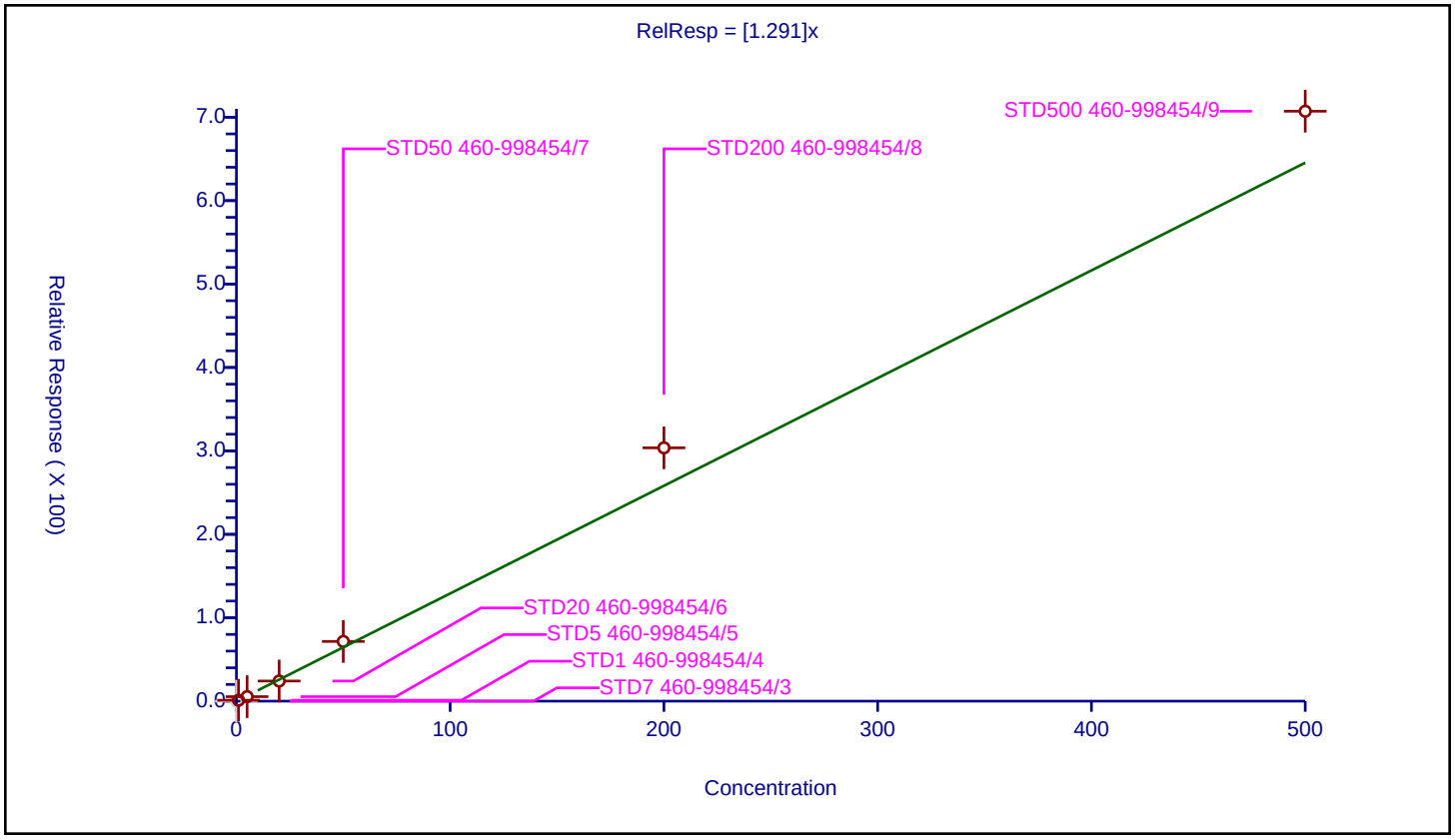
Curve Coefficients

Intercept:	0
Slope:	1.291

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.100428	50.0	188881.0	1.100428	Y
3	STD5 460-998454/5	5.0	5.375253	50.0	215841.0	1.075051	Y
4	STD20 460-998454/6	20.0	24.110415	50.0	234154.0	1.205521	Y
5	STD50 460-998454/7	50.0	71.573476	50.0	232320.0	1.43147	Y
6	STD200 460-998454/8	200.0	303.679396	50.0	258113.0	1.518397	Y
7	STD500 460-998454/9	500.0	707.182483	50.0	313471.0	1.414365	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

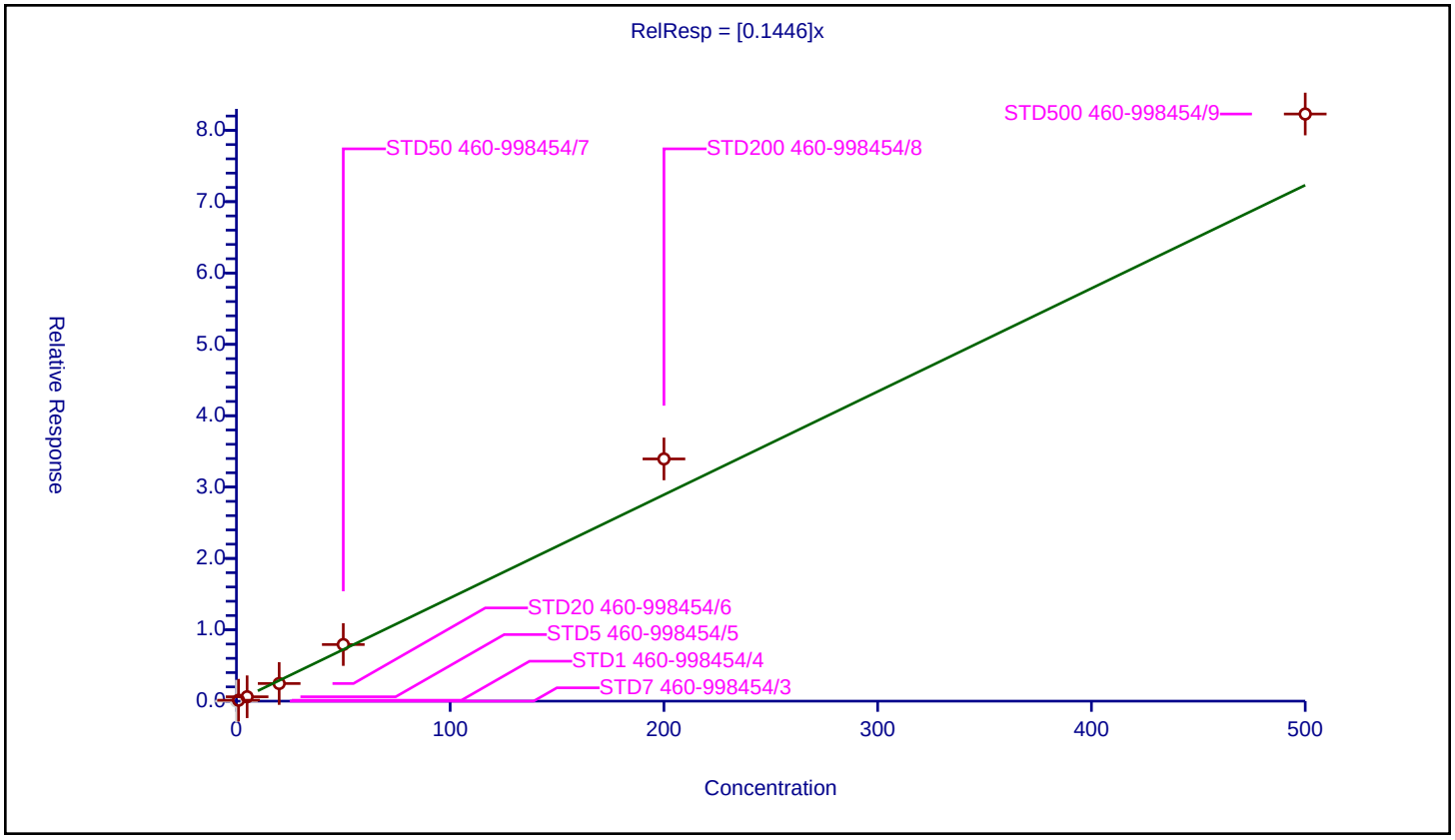
Curve Coefficients

Intercept:	0
Slope:	0.1446

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.128652	50.0	188881.0	0.128652	Y
3	STD5 460-998454/5	5.0	0.613183	50.0	215841.0	0.122637	Y
4	STD20 460-998454/6	20.0	2.469315	50.0	234154.0	0.123466	Y
5	STD50 460-998454/7	50.0	7.933669	50.0	232320.0	0.158673	Y
6	STD200 460-998454/8	200.0	33.943854	50.0	258113.0	0.169719	Y
7	STD500 460-998454/9	500.0	82.284805	50.0	313471.0	0.16457	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

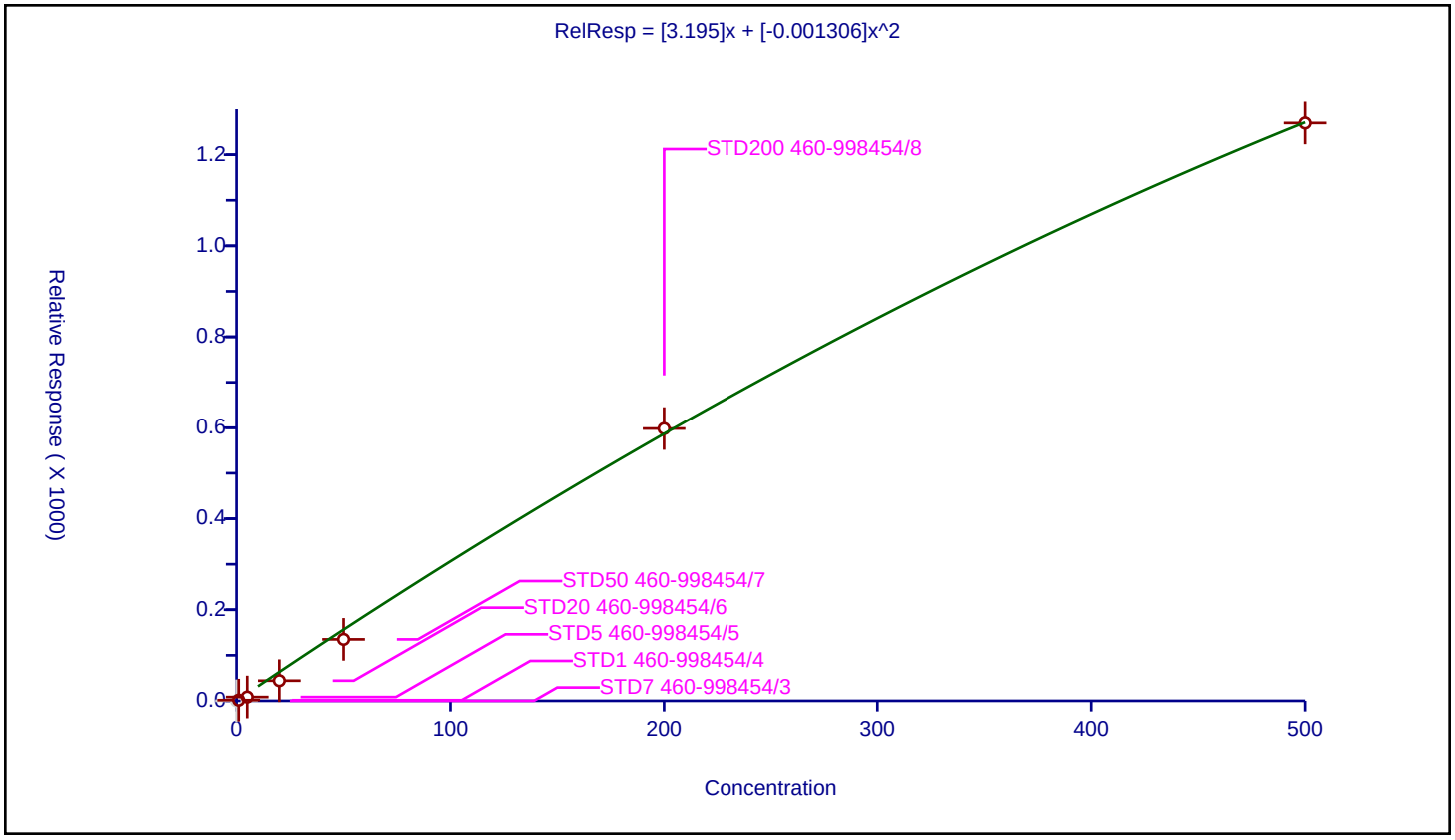
Curve Coefficients

Intercept:	0
Slope:	3.195
Second Order:	-0.001306

Error Coefficients

Relative Standard Deviation:	38.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.562359	50.0	188881.0	1.562359	Y
3	STD5 460-998454/5	5.0	8.391594	50.0	215841.0	1.678319	Y
4	STD20 460-998454/6	20.0	44.239902	50.0	234154.0	2.211995	Y
5	STD50 460-998454/7	50.0	135.018509	50.0	232320.0	2.70037	Y
6	STD200 460-998454/8	200.0	598.312754	50.0	258113.0	2.991564	Y
7	STD500 460-998454/9	500.0	1269.711233	50.0	313471.0	2.539422	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

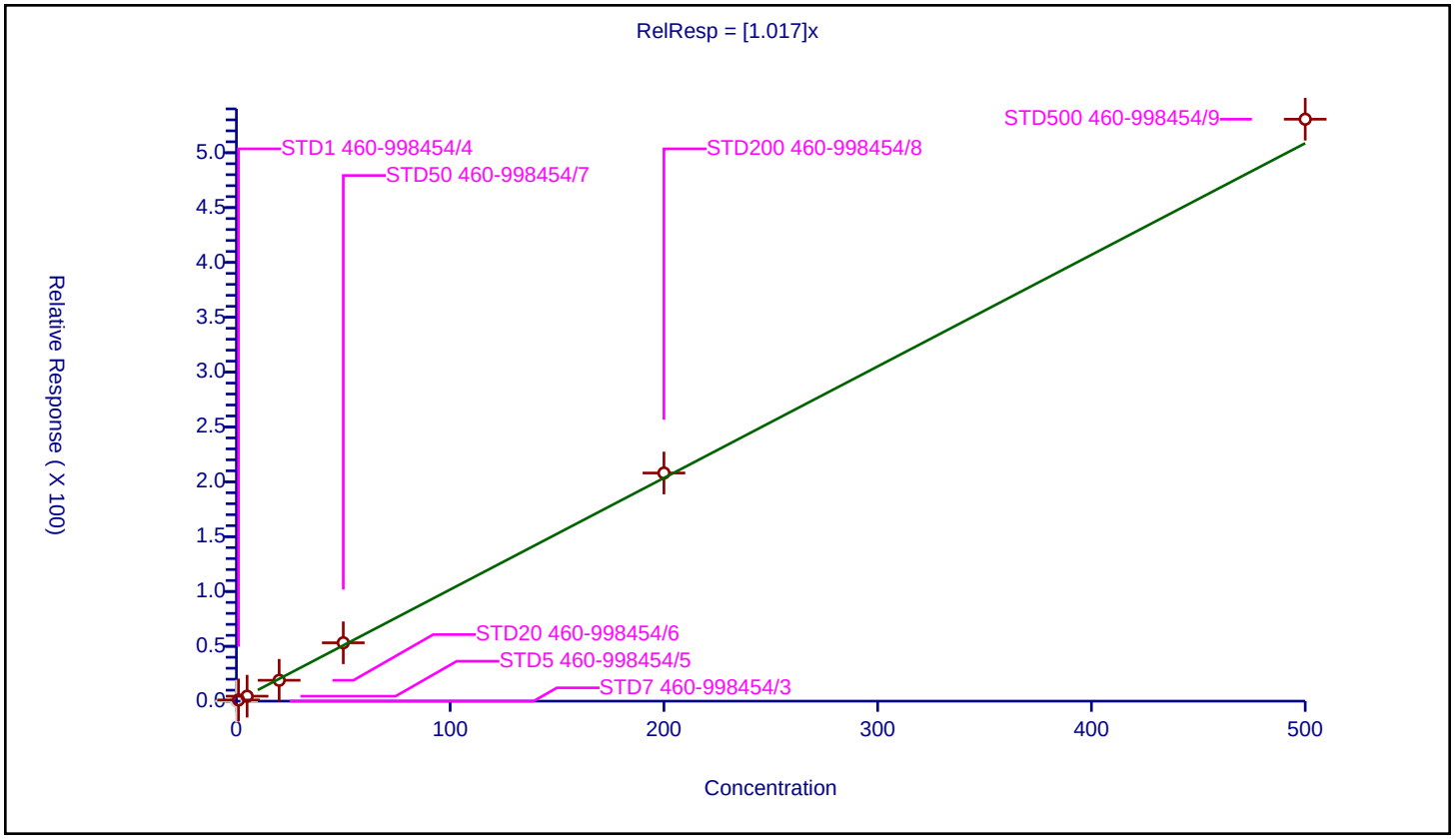
Curve Coefficients

Intercept:	0
Slope:	1.017

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.082692	50.0	188881.0	1.082692	Y
3	STD5 460-998454/5	5.0	4.525322	50.0	215841.0	0.905064	Y
4	STD20 460-998454/6	20.0	19.016118	50.0	234154.0	0.950806	Y
5	STD50 460-998454/7	50.0	53.211734	50.0	232320.0	1.064235	Y
6	STD200 460-998454/8	200.0	208.015094	50.0	258113.0	1.040075	Y
7	STD500 460-998454/9	500.0	530.577151	50.0	313471.0	1.061154	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

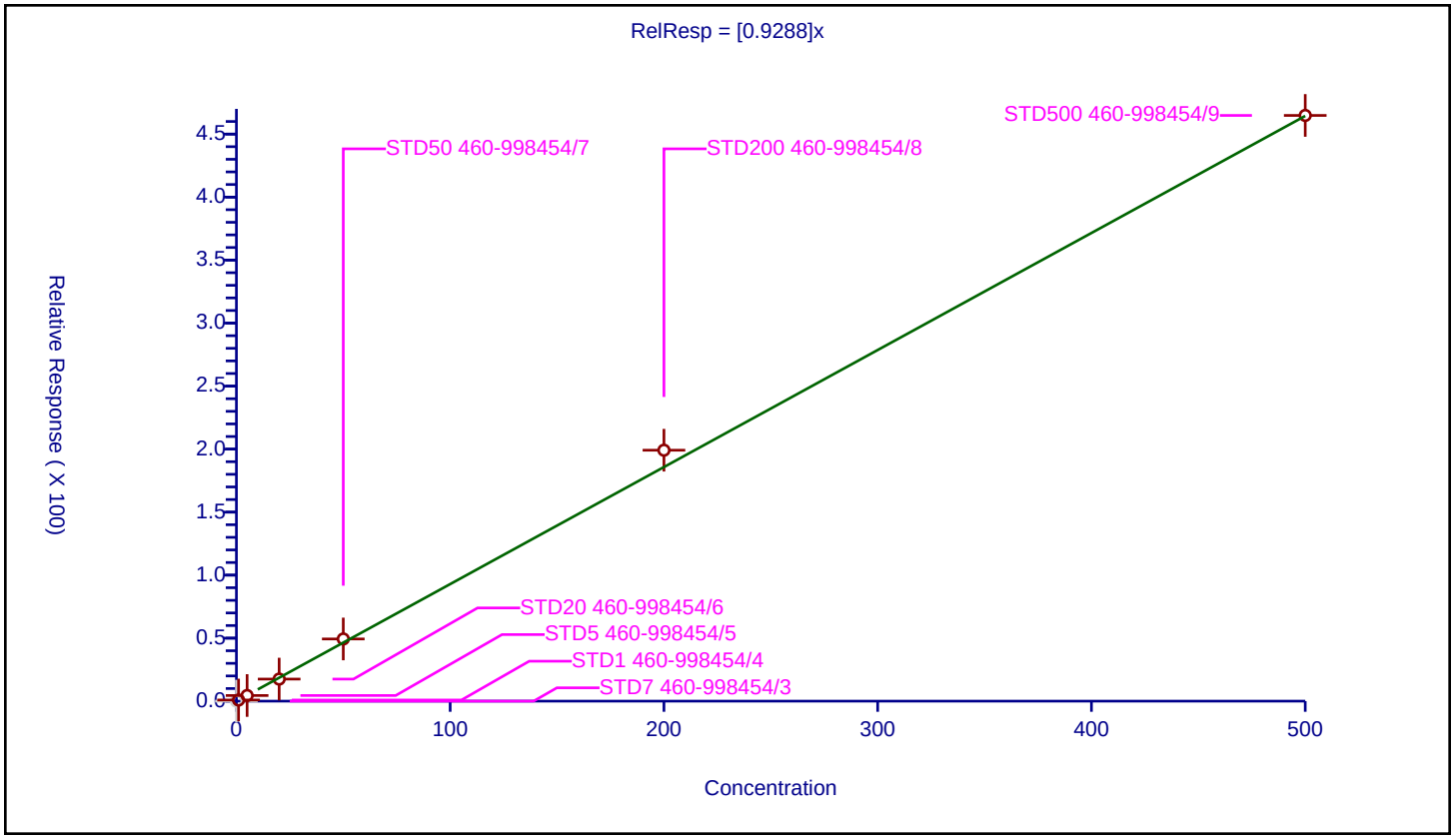
Curve Coefficients

Intercept:	0
Slope:	0.9288

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.891302	50.0	188881.0	0.891302	Y
3	STD5 460-998454/5	5.0	4.469262	50.0	215841.0	0.893852	Y
4	STD20 460-998454/6	20.0	17.51262	50.0	234154.0	0.875631	Y
5	STD50 460-998454/7	50.0	49.341856	50.0	232320.0	0.986837	Y
6	STD200 460-998454/8	200.0	199.128095	50.0	258113.0	0.99564	Y
7	STD500 460-998454/9	500.0	464.802805	50.0	313471.0	0.929606	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

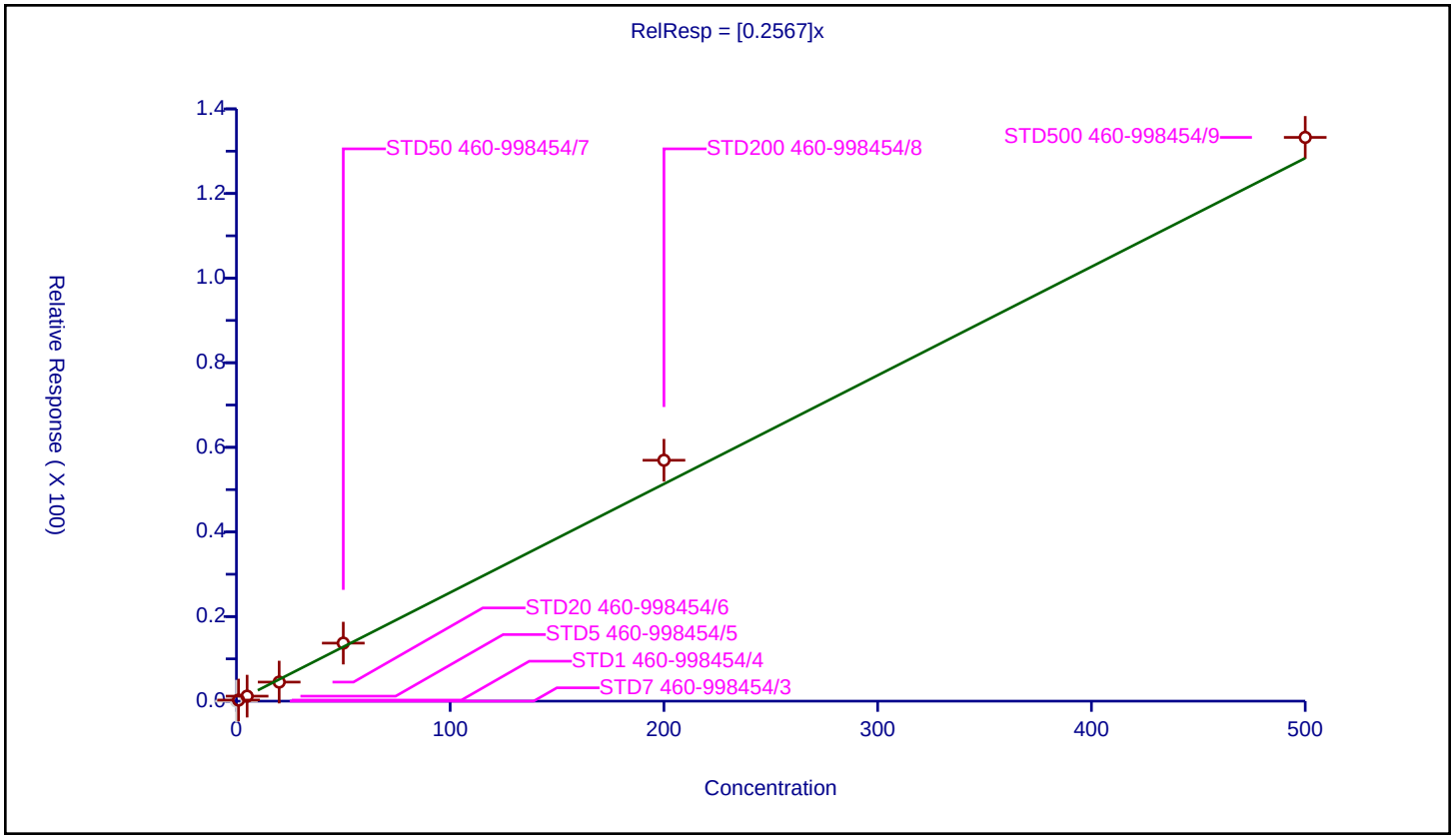
Curve Coefficients

Intercept:	0
Slope:	0.2567

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.253864	50.0	188881.0	0.253864	Y
3	STD5 460-998454/5	5.0	1.178645	50.0	215841.0	0.235729	Y
4	STD20 460-998454/6	20.0	4.503446	50.0	234154.0	0.225172	Y
5	STD50 460-998454/7	50.0	13.713197	50.0	232320.0	0.274264	Y
6	STD200 460-998454/8	200.0	56.946764	50.0	258113.0	0.284734	Y
7	STD500 460-998454/9	500.0	133.264002	50.0	313471.0	0.266528	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

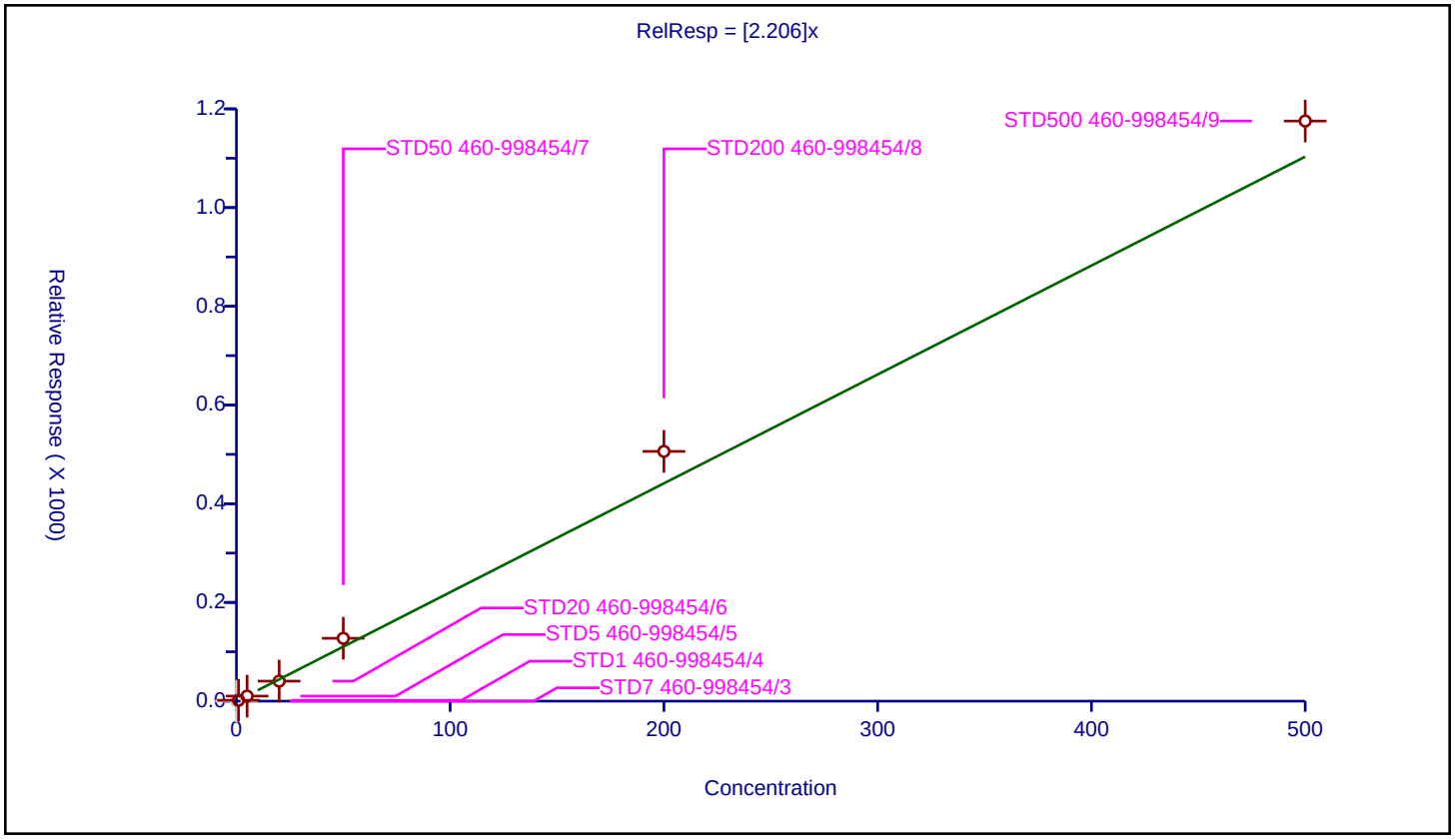
Curve Coefficients

Intercept:	0
Slope:	2.206

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	1.730719	50.0	188881.0	1.730719	Y
3	STD5 460-998454/5	5.0	10.254308	50.0	215841.0	2.050862	Y
4	STD20 460-998454/6	20.0	40.556642	50.0	234154.0	2.027832	Y
5	STD50 460-998454/7	50.0	127.346763	50.0	232320.0	2.546935	Y
6	STD200 460-998454/8	200.0	506.066723	50.0	258113.0	2.530334	Y
7	STD500 460-998454/9	500.0	1175.415589	50.0	313471.0	2.350831	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

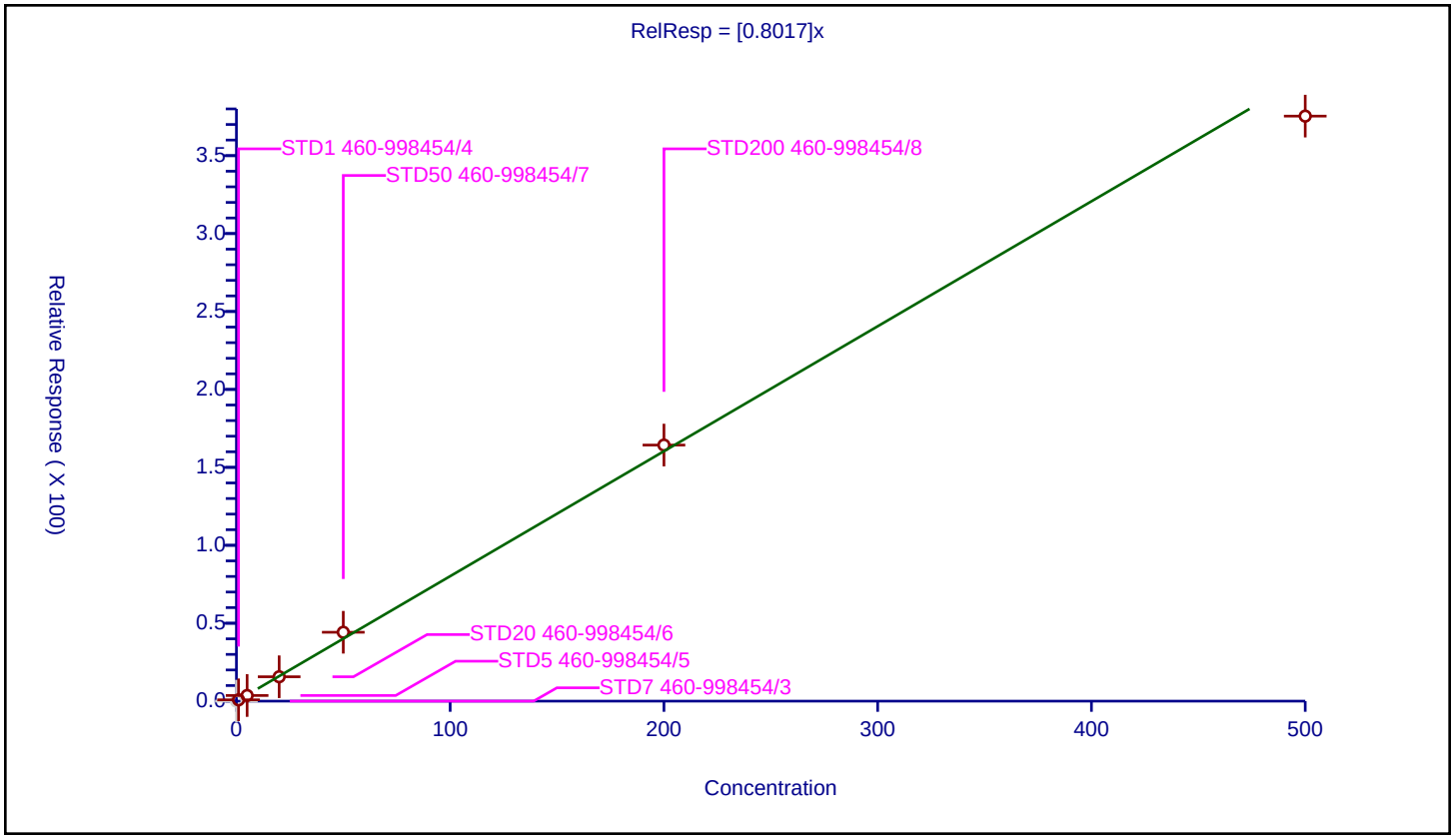
Curve Coefficients

Intercept:	0
Slope:	0.8017

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-998454/3	0.0	0.0	50.0	209198.0	NaN	N
2	STD1 460-998454/4	1.0	0.848683	50.0	188881.0	0.848683	Y
3	STD5 460-998454/5	5.0	3.617941	50.0	215841.0	0.723588	Y
4	STD20 460-998454/6	20.0	15.63864	50.0	234154.0	0.781932	Y
5	STD50 460-998454/7	50.0	44.200026	50.0	232320.0	0.884001	Y
6	STD200 460-998454/8	200.0	164.301294	50.0	258113.0	0.821506	Y
7	STD500 460-998454/9	500.0	375.370608	50.0	313471.0	0.750741	Y



10/18/2024
12:59:41 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-997049/16 Calibration Date: 09/20/2024 15:18

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT85364.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin		0.0114		26.0	20.0	30.0	30.0
Chlorotrifluoroethene	Ave	0.0774	0.0862		22.3	20.0	11.4	30.0
1,1-Difluoroethane	Ave	0.1370	0.1471		21.5	20.0	7.3	30.0
Dichlorodifluoromethane	Ave	0.2702	0.2369	0.1000	17.5	20.0	-12.3	30.0
Chlorodifluoromethane	Ave	0.0475	0.0418		17.6	20.0	-12.1	30.0
Chloromethane	Ave	0.3295	0.2882	0.1000	17.5	20.0	-12.5	30.0
Vinyl chloride	Ave	0.3163	0.3055	0.1000	19.3	20.0	-3.4	30.0
Butadiene	Ave	0.3400	0.3025		17.8	20.0	-11.0	30.0
Bromomethane	Ave	0.2263	0.2280	0.1000	20.1	20.0	0.7	30.0
Chloroethane	Ave	0.1774	0.1895	0.1000	21.4	20.0	6.8	30.0
Dichlorofluoromethane	Ave	0.5487	0.5549		20.2	20.0	1.1	30.0
Trichlorofluoromethane	Ave	0.3471	0.3396	0.1000	19.6	20.0	-2.2	30.0
Pentane	Ave	0.0451	0.0382		33.8	40.0	-15.4	30.0
Ethanol	Lin2		0.4090		787	800	-1.6	30.0
Ethyl ether	Lin2		0.1427		18.7	20.0	-6.5	30.0
Isopropyl alcohol	Lin2		10.40		200	200	-0.2	30.0
2-Methyl-1,3-butadiene	Ave	0.2364	0.2176		18.4	20.0	-8.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2376	0.2516		21.2	20.0	5.9	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3688	0.4084		22.1	20.0	10.7	30.0
Acrolein	Ave	0.0352	0.0301		33.7	39.5	-14.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2464	0.2322	0.1000	18.8	20.0	-5.8	30.0
1,1-Dichloroethene	Ave	0.2590	0.2467	0.1000	19.1	20.0	-4.7	30.0
Acetone	Ave	0.7505	0.7995	0.0500	107	100	6.5	30.0
Iodomethane	Ave	0.4572	0.4481		19.6	20.0	-2.0	30.0
Carbon disulfide	Ave	0.9597	0.8434	0.1000	17.6	20.0	-12.1	30.0
3-Chloro-1-propene	Ave	0.1852	0.1674		18.1	20.0	-9.6	30.0
Methyl acetate	Ave	0.1373	0.1348	0.1000	39.3	40.0	-1.8	30.0
Cyclopentene	Ave	0.5960	0.5318		17.8	20.0	-10.8	30.0
Acetonitrile	Ave	0.3697	0.4020		217	200	8.7	30.0
Methylene Chloride	Ave	0.3150	0.3007	0.1000	19.1	20.0	-4.5	30.0
2-Methyl-2-propanol	Ave	7.503	7.298		195	200	-2.7	30.0
Methyl tert-butyl ether	Ave	0.6772	0.6982	0.1000	20.6	20.0	3.1	30.0
trans-1,2-Dichloroethene	Ave	0.2965	0.2791	0.1000	18.8	20.0	-5.9	30.0
Acrylonitrile	Ave	0.0704	0.0698		198	200	-0.8	30.0
Hexane	Ave	0.3948	0.3354		17.0	20.0	-15.1	30.0
Isopropyl ether	Ave	0.8924	0.8943		20.0	20.0	0.2	30.0
1,1-Dichloroethane	Ave	0.5102	0.5161	0.2000	20.2	20.0	1.1	30.0
Vinyl acetate	Ave	0.6318	0.4368		27.7	40.0	-30.9*	30.0
2-Chloro-1,3-butadiene	Ave	0.2480	0.2480		20.0	20.0	-0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-997049/16 Calibration Date: 09/20/2024 15:18

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT85364.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8025	0.8182		20.4	20.0	2.0	30.0
2,2-Dichloropropane	Ave	0.0950	0.0856		18.0	20.0	-9.9	30.0
cis-1,2-Dichloroethene	Ave	0.3103	0.3108	0.1000	20.0	20.0	0.2	30.0
Methyl Ethyl Ketone	Ave	0.2935	0.3245	0.0500	111	100	10.5	30.0
Ethyl acetate	Ave	0.3070	0.3235		42.2	40.0	5.4	30.0
Methyl acrylate	Ave	0.1584	0.1623		20.5	20.0	2.5	30.0
Propionitrile	Ave	10.60	10.60		200	200	0.0	30.0
Tetrahydrofuran	Ave	0.3303	0.3748		45.4	40.0	13.5	30.0
Chlorobromomethane	Ave	0.1395	0.1425		20.4	20.0	2.1	30.0
Methacrylonitrile	Ave	0.0773	0.0812		210	200	5.1	30.0
Chloroform	Ave	0.4556	0.4549	0.2000	20.0	20.0	-0.1	30.0
Cyclohexane	Ave	0.4192	0.3975	0.1000	19.0	20.0	-5.2	30.0
1,1,1-Trichloroethane	Ave	0.3751	0.3746	0.1000	20.0	20.0	-0.1	30.0
Carbon tetrachloride	Ave	0.3065	0.3035	0.1000	19.8	20.0	-1.0	30.0
1,1-Dichloropropene	Ave	0.3705	0.3502		18.9	20.0	-5.5	30.0
Isobutyl alcohol	Ave	3.286	3.667		558	500	11.6	30.0
Isooctane	Ave	0.9685	0.9435		19.5	20.0	-2.6	30.0
Benzene	Ave	1.583	1.627	0.5000	20.6	20.0	2.8	30.0
Isopropyl acetate	Ave	0.1101	0.1135		20.6	20.0	3.0	30.0
Tert-amyl methyl ether	Ave	0.7268	0.7663		21.1	20.0	5.4	30.0
1,2-Dichloroethane	Ave	0.2965	0.2881	0.1000	19.4	20.0	-2.8	30.0
n-Heptane	Ave	0.0663	0.0609		18.4	20.0	-8.1	30.0
n-Butanol	Ave	1.823	1.847		507	500	1.3	30.0
Trichloroethene	Ave	0.2738	0.2819	0.2000	20.6	20.0	3.0	30.0
Ethyl acrylate	Ave	0.0334	0.0329		19.7	20.0	-1.4	30.0
Methylcyclohexane	Ave	0.4722	0.4467	0.1000	18.9	20.0	-5.4	30.0
1,2-Dichloropropane	Ave	0.2819	0.2896	0.1000	20.5	20.0	2.7	30.0
Methyl methacrylate	Ave	0.0492	0.0513		41.7	40.0	4.3	30.0
1,4-Dioxane	Ave	1.190	1.162		391	400	-2.3	30.0
Dibromomethane	Ave	0.1366	0.1347		19.7	20.0	-1.4	30.0
n-Propyl acetate	Ave	0.2564	0.2493		19.4	20.0	-2.8	30.0
Bromodichloromethane	Ave	0.3066	0.3135	0.2000	20.5	20.0	2.3	30.0
2-Nitropropane	Ave	0.0403	0.0338		33.5	40.0	-16.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1272		20.7	20.0	3.5	30.0
Epichlorohydrin	Ave	0.2389	0.2729		22.8	20.0	14.2	30.0
cis-1,3-Dichloropropene	Ave	0.5760	0.5564	0.2000	19.3	20.0	-3.4	30.0
methyl isobutyl ketone	Ave	1.000	1.152	0.0500	115	100	15.2	30.0
Toluene	Ave	1.661	1.671	0.4000	20.1	20.0	0.6	30.0
trans-1,3-Dichloropropene	Ave	0.4380	0.4797	0.1000	21.9	20.0	9.5	30.0
Ethyl methacrylate	Ave	0.3626	0.3768		20.8	20.0	3.9	30.0
1,1,2-Trichloroethane	Ave	0.2409	0.2578	0.1000	21.4	20.0	7.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-997049/16 Calibration Date: 09/20/2024 15:18

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT85364.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3944	0.4015	0.2000	20.4	20.0	1.8	30.0
1,3-Dichloropropane	Ave	0.4580	0.4959		21.7	20.0	8.3	30.0
2-Hexanone	Ave	1.548	1.765	0.0500	114	100	14.0	30.0
n-Butyl acetate	Ave	0.4080	0.4247		20.8	20.0	4.1	30.0
Dibromochloromethane	Ave	0.2872	0.3044	0.1000	21.2	20.0	6.0	30.0
Ethylene Dibromide	Ave	0.2497	0.2637	0.1000	21.1	20.0	5.6	30.0
Chlorobenzene	Ave	1.010	1.065	0.5000	21.1	20.0	5.5	30.0
Ethylbenzene	Ave	0.5727	0.5863	0.1000	20.5	20.0	2.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3438	0.3656		21.3	20.0	6.4	30.0
m-Xylene & p-Xylene	Ave	0.6846	0.7285	0.1000	21.3	20.0	6.4	30.0
o-Xylene	Ave	0.6774	0.7413	0.3000	21.9	20.0	9.4	30.0
n-Butyl acrylate	Ave	0.2334	0.2477		21.2	20.0	6.2	30.0
Styrene	Ave	1.019	1.140	0.3000	22.4	20.0	11.8	30.0
Bromoform	Lin2		0.1859	0.1000	20.7	20.0	3.6	30.0
Amyl acetate (mixed isomers)	Ave	0.9350	1.017		21.7	20.0	8.7	30.0
Isopropylbenzene	Ave	1.496	1.857	0.1000	24.8	20.0	24.2	30.0
Bromobenzene	Ave	0.7792	0.8017		20.6	20.0	2.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6078	0.5973	0.3000	19.7	20.0	-1.7	30.0
N-Propylbenzene	Ave	3.535	4.035		22.8	20.0	14.1	30.0
1,2,3-Trichloropropane	Ave	0.1709	0.1764		20.6	20.0	3.2	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1025		16.3	20.0	-18.4	30.0
2-Chlorotoluene	Ave	2.518	2.698		21.4	20.0	7.2	30.0
4-Ethyltoluene	Ave	2.979	3.304		22.2	20.0	10.9	30.0
1,3,5-Trimethylbenzene	Ave	2.439	2.799		22.9	20.0	14.7	30.0
4-Chlorotoluene	Ave	2.462	2.702		22.0	20.0	9.8	30.0
Butyl Methacrylate	QuaF		0.8820		17.1	20.0	-14.7	30.0
tert-Butylbenzene	Ave	2.077	2.321		22.3	20.0	11.7	30.0
1,2,4-Trimethylbenzene	Ave	2.566	2.899		22.6	20.0	13.0	30.0
sec-Butylbenzene	Ave	3.166	3.693		23.3	20.0	16.7	30.0
1,3-Dichlorobenzene	Ave	1.506	1.639	0.6000	21.8	20.0	8.8	30.0
4-Isopropyltoluene	Ave	2.716	3.126		23.0	20.0	15.1	30.0
1,4-Dichlorobenzene	Ave	1.552	1.680	0.5000	21.6	20.0	8.2	30.0
1,2,3-Trimethylbenzene	Ave	2.722	3.079		22.6	20.0	13.1	30.0
Benzyl chloride	Ave	1.048	1.022		19.5	20.0	-2.5	30.0
Indan	Ave	2.586	2.945		22.8	20.0	13.9	30.0
p-Diethylbenzene	Ave	1.792	2.001		22.3	20.0	11.7	30.0
n-Butylbenzene	Ave	1.556	1.686		21.7	20.0	8.3	30.0
1,2-Dichlorobenzene	Ave	1.447	1.604	0.4000	22.2	20.0	10.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.544	3.007		23.6	20.0	18.2	30.0
1,2-Dibromo-3-Chloropropane	Lin2		0.0903	0.0500	20.0	20.0	-0.2	30.0
1,3,5-Trichlorobenzene	Ave	1.304	1.458		22.4	20.0	11.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-997049/16 Calibration Date: 09/20/2024 15:18

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT85364.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.211	1.320	0.2000	21.8	20.0	9.0	30.0
Hexachlorobutadiene	Ave	0.6614	0.7115		21.5	20.0	7.6	30.0
Naphthalene	Ave	1.963	2.310		23.5	20.0	17.7	30.0
1,2,3-Trichlorobenzene	Ave	1.070	1.182		22.1	20.0	10.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2343	0.2324		49.6	50.0	-0.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2390	0.2330		48.7	50.0	-2.5	30.0
Toluene-d8 (Surr)	Ave	1.363	1.355		49.7	50.0	-0.6	30.0
4-Bromofluorobenzene	Ave	0.4144	0.4237		51.1	50.0	2.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Sep-2024 15:18:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0181138-016
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2024 01:47:43 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: PUV6 Date: 20-Sep-2024 21:50:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.204	1.210	-0.006	55	3534	20.0	26.0	M
3 Chlorotrifluoroethene	116	1.284	1.290	-0.006	87	26711	20.0	22.3	
2 1,1-Difluoroethane	65	1.302	1.308	-0.006	97	45559	20.0	21.5	
4 Dichlorodifluoromethane	85	1.314	1.320	-0.006	76	73371	20.0	17.5	
5 Chlorodifluoromethane	67	1.344	1.345	-0.001	94	12942	20.0	17.6	a
6 Chloromethane	50	1.491	1.497	-0.006	98	89254	20.0	17.5	
7 Vinyl chloride	62	1.546	1.558	-0.012	97	94627	20.0	19.3	
8 Butadiene	54	1.570	1.576	-0.006	96	93675	20.0	17.8	
9 Bromomethane	94	1.808	1.820	-0.012	99	70598	20.0	20.1	
10 Chloroethane	64	1.875	1.881	-0.006	100	58688	20.0	21.4	
11 Dichlorofluoromethane	67	2.039	2.040	-0.001	99	171859	20.0	20.2	
12 Trichlorofluoromethane	101	2.039	2.046	-0.007	53	105169	20.0	19.6	
13 Pentane	72	2.058	2.064	-0.006	97	23651	40.0	33.8	
14 Ethanol	46	2.210	2.204	0.006	90	11824	800.0	787.1	
15 Ethyl ether	74	2.228	2.235	-0.007	95	44184	20.0	18.7	
25 Isopropyl alcohol	45	2.235	2.235	0.000	75	75163	200.0	199.7	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	93	67383	20.0	18.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.296	-0.001	85	77919	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.350	-0.006	91	126487	20.0	22.1	
19 Acrolein	56	2.387	2.393	-0.006	95	18388	39.5	33.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.418	-0.007	95	71922	20.0	18.8	
21 1,1-Dichloroethene	96	2.424	2.430	-0.006	98	76408	20.0	19.1	
22 Acetone	43	2.497	2.503	-0.006	88	78960	100.0	106.5	
23 Iodomethane	142	2.564	2.570	-0.006	96	138787	20.0	19.6	
24 Carbon disulfide	76	2.594	2.600	-0.006	99	261204	20.0	17.6	
26 3-Chloro-1-propene	76	2.710	2.722	-0.012	94	51850	20.0	18.1	
27 Methyl acetate	43	2.722	2.722	0.000	68	83468	40.0	39.3	
28 Cyclopentene	67	2.734	2.735	-0.001	93	164685	20.0	17.8	
29 Acetonitrile	41	2.777	2.777	0.000	98	79403	200.0	217.5	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	36141	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	92	93116	20.0	19.1	
32 2-Methyl-2-propanol	59	2.887	2.905	-0.018	99	52750	200.0	194.5	
33 Methyl tert-butyl ether	73	2.978	2.984	-0.006	97	216231	20.0	20.6	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	95	86443	20.0	18.8	
35 Acrylonitrile	53	3.070	3.076	-0.006	94	216239	200.0	198.4	
36 Hexane	57	3.149	3.155	-0.006	92	103863	20.0	17.0	
37 Isopropyl ether	45	3.350	3.356	-0.006	96	276977	20.0	20.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	159822	20.0	20.2	
39 Vinyl acetate	86	3.387	3.393	-0.006	100	17254	40.0	27.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	76807	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.649	3.655	-0.006	91	253393	20.0	20.4	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	246906	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.856	0.000	63	26511	20.0	18.0	a
44 cis-1,2-Dichloroethene	96	3.868	3.875	-0.007	95	96268	20.0	20.0	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	32045	100.0	110.5	
46 Ethyl acetate	70	3.893	3.887	0.006	94	12779	40.0	42.2	
47 Methyl acrylate	55	3.935	3.936	-0.001	100	50254	20.0	20.5	
48 Propionitrile	54	4.009	4.009	0.000	98	76648	200.0	200.1	
50 Tetrahydrofuran	72	4.076	4.088	-0.012	57	14808	40.0	45.4	
49 Chlorobromomethane	128	4.082	4.088	-0.006	90	44128	20.0	20.4	
51 Methacrylonitrile	67	4.106	4.106	0.000	90	251595	200.0	210.3	
52 Chloroform	83	4.137	4.143	-0.006	98	140890	20.0	20.0	
53 Cyclohexane	84	4.265	4.265	0.000	90	123098	20.0	19.0	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	94	116014	20.0	20.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	179956	50.0	49.6	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	93991	20.0	19.8	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	98	108447	20.0	18.9	
58 Isobutyl alcohol	43	4.539	4.545	-0.006	89	66264	500.0	557.9	a
59 Isooctane	57	4.582	4.582	0.000	99	292196	20.0	19.5	
60 Benzene	78	4.606	4.606	0.000	96	347886	20.0	20.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	180430	50.0	48.7	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	86	237321	20.0	21.1	
63 Isopropyl acetate	61	4.673	4.679	-0.006	84	35137	20.0	20.6	
64 1,2-Dichloroethane	62	4.691	4.698	-0.007	95	89225	20.0	19.4	
65 n-Heptane	100	4.771	4.771	0.000	92	18852	20.0	18.4	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	774251	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	87	33372	500.0	506.6	
68 Trichloroethene	95	5.228	5.228	0.000	99	87311	20.0	20.6	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	10190	20.0	19.7	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	138352	20.0	18.9	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	95	89677	20.0	20.5	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	26185	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.594	-0.006	89	31771	40.0	41.7	
75 1,4-Dioxane	88	5.612	5.618	-0.006	82	12171	400.0	390.8	
74 Dibromomethane	93	5.624	5.630	-0.006	96	41708	20.0	19.7	
76 n-Propyl acetate	43	5.642	5.649	-0.007	98	77210	20.0	19.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	97101	20.0	20.5	
78 2-Nitropropane	41	6.112	6.106	0.006	76	20923	40.0	33.5	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	87	39380	20.0	20.7	
80 Epichlorohydrin	57	6.209	6.216	-0.007	91	5390	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	91	118976	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.441	-0.006	95	113760	100.0	115.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.508	6.514	-0.006	99	724440	50.0	49.7	
84 Toluene	91	6.587	6.587	0.000	93	357396	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	102572	20.0	21.9	
86 Ethyl methacrylate	69	6.971	6.972	-0.001	88	80574	20.0	20.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	55118	20.0	21.4	
88 Tetrachloroethene	166	7.185	7.179	0.006	97	85855	20.0	20.4	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	106034	20.0	21.7	
90 2-Hexanone	43	7.416	7.417	-0.001	96	174361	100.0	114.0	
91 n-Butyl acetate	43	7.538	7.538	0.000	99	90824	20.0	20.8	
92 Chlorodibromomethane	129	7.569	7.575	-0.006	98	65086	20.0	21.2	
93 Ethylene Dibromide	107	7.715	7.721	-0.006	99	56398	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	534583	50.0	50.0	
95 Chlorobenzene	112	8.300	8.301	-0.001	95	227821	20.0	21.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	125377	20.0	20.5	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	78180	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	155768	20.0	21.3	
99 o-Xylene	106	9.081	9.087	-0.006	95	158505	20.0	21.9	
100 n-Butyl acrylate	73	9.087	9.087	0.000	97	52976	20.0	21.2	
101 Styrene	104	9.123	9.124	-0.001	96	243797	20.0	22.4	
102 Bromoform	173	9.367	9.367	0.000	97	39755	20.0	20.7	
103 Amyl acetate (mixed isomers)	43	9.379	9.380	-0.001	91	119990	20.0	21.7	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	397113	20.0	24.8	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	92	226517	50.0	51.1	
106 Bromobenzene	156	9.898	9.898	0.000	97	94617	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	70496	20.0	19.7	
108 N-Propylbenzene	91	9.995	9.995	0.000	100	476238	20.0	22.8	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	97	20823	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	87	12094	20.0	16.3	
111 2-Chlorotoluene	91	10.099	10.099	0.000	97	318437	20.0	21.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	389917	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	0.000	94	330324	20.0	22.9	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	318903	20.0	22.0	
115 Butyl Methacrylate	87	10.318	10.318	0.000	89	104095	20.0	17.1	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	273937	20.0	22.3	
117 1,2,4-Trimethylbenzene	105	10.574	10.568	0.006	97	342169	20.0	22.6	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	435897	20.0	23.3	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	97	193458	20.0	21.8	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	368972	20.0	23.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	94	295050	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	198302	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	363414	20.0	22.6	
124 Benzyl chloride	91	11.086	11.087	-0.001	99	120641	20.0	19.5	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	95	347627	20.0	22.8	
126 p-Diethylbenzene	119	11.214	11.215	-0.001	94	236154	20.0	22.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	198997	20.0	21.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	189353	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	354870	20.0	23.6	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	10662	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	12.080	12.086	-0.006	98	172089	20.0	22.4	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	155791	20.0	21.8	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	83972	20.0	21.5	
134 Naphthalene	128	12.775	12.769	0.006	100	272675	20.0	23.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	139486	20.0	22.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 137 Xylenes, Total	100				0		40.0	43.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.2	
S 140 Total BTEX	1				0		100.0	104.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00169	Amount Added: 4.00	Units: uL	
GAS C SP_00587	Amount Added: 20.00	Units: uL	
7 Freons SS_00018	Amount Added: 20.00	Units: uL	
8260 SP_00184	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 21-Sep-2024 01:47:48 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D

Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17

Lims ID: ICV

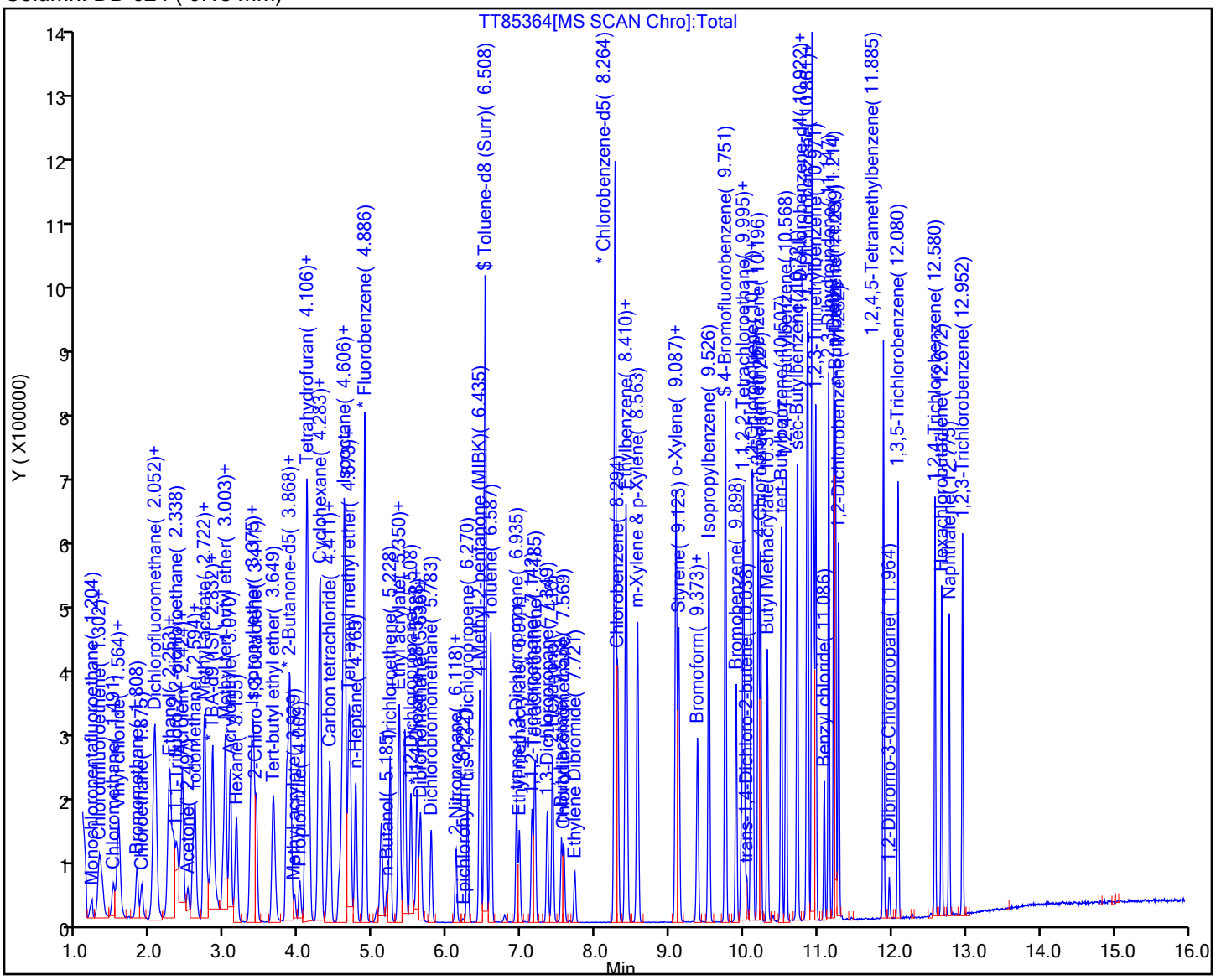
Client ID:

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

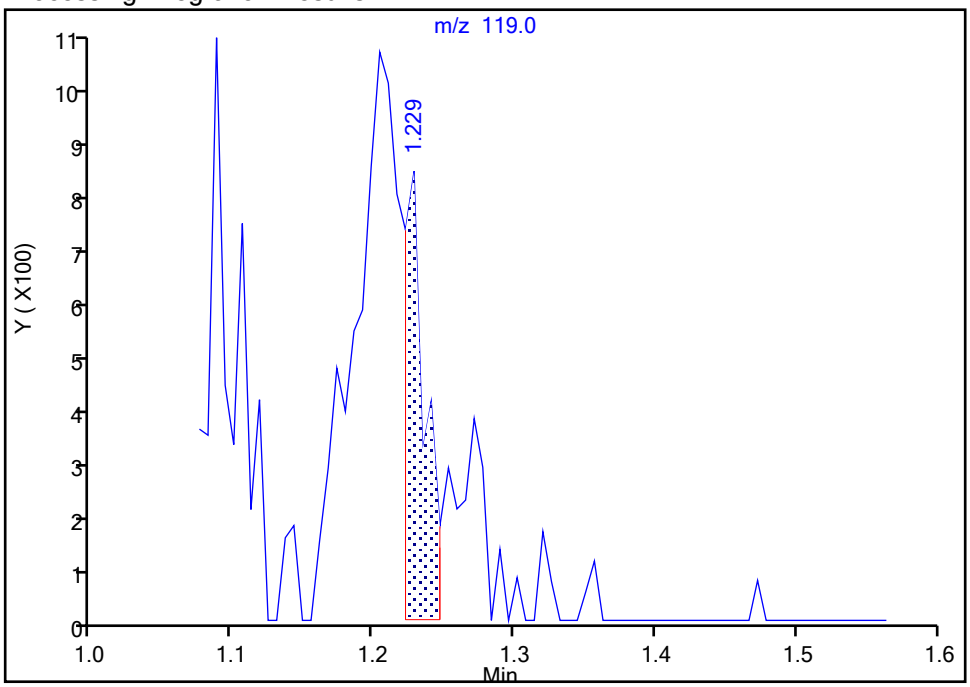
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

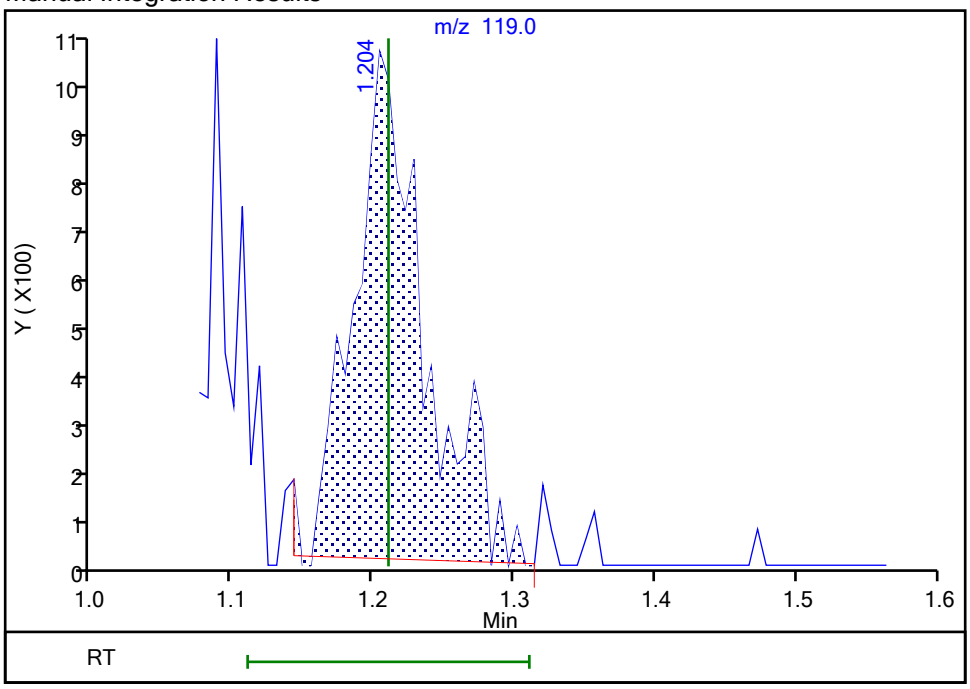
Processing Integration Results

RT: 1.23
Area: 873
Amount: 7.555341
Amount Units: ug/l



Manual Integration Results

RT: 1.20
Area: 3534
Amount: 26.003797
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:49:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison

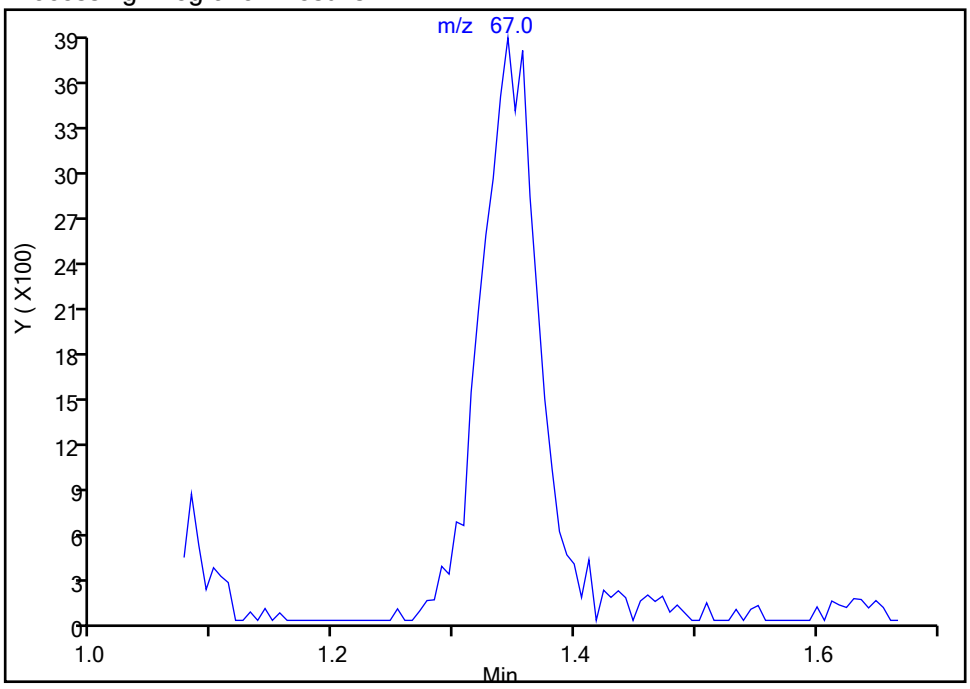
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

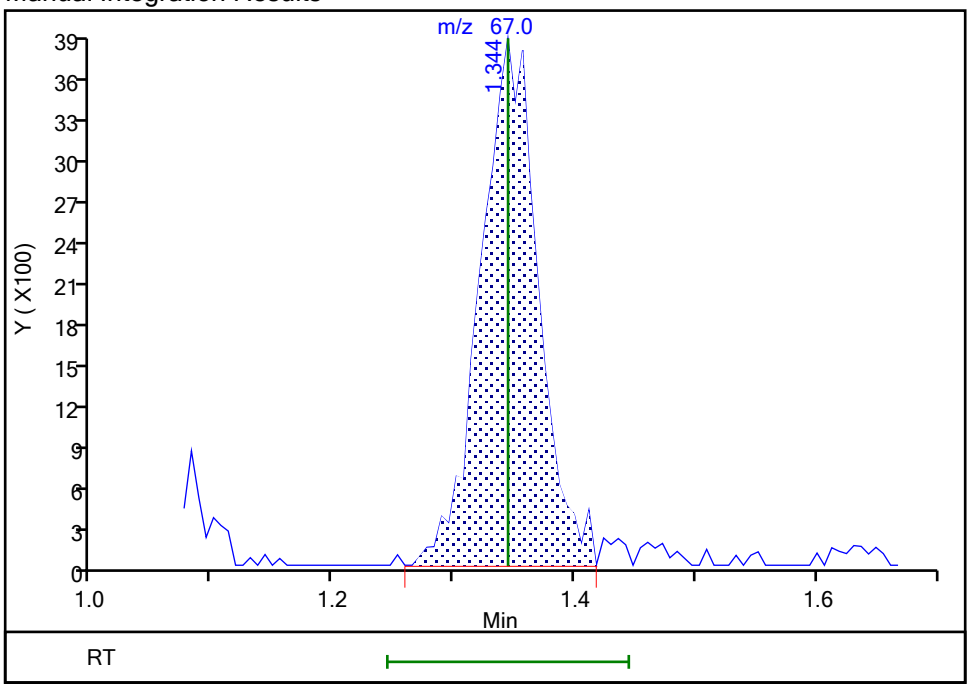
Not Detected
Expected RT: 1.34

Processing Integration Results



Manual Integration Results

RT: 1.34
Area: 12942
Amount: 17.582805
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:48:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

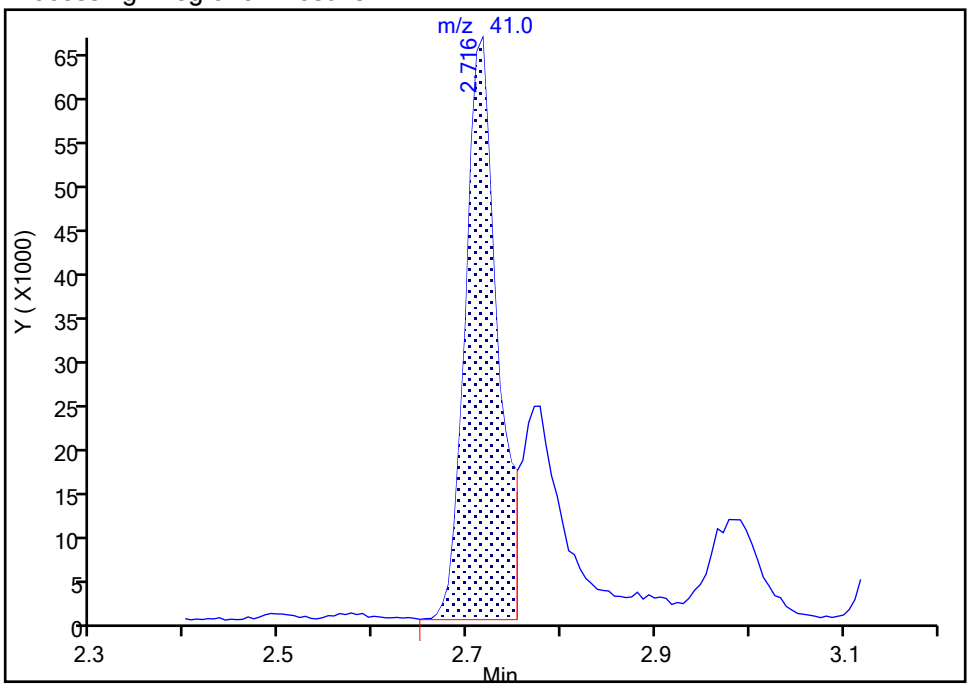
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

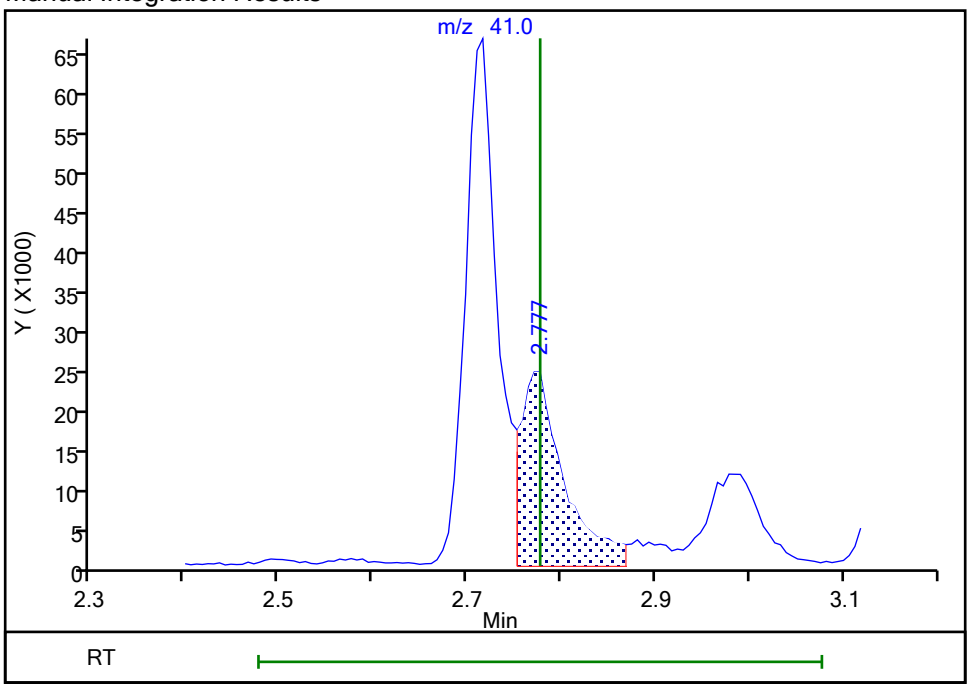
Processing Integration Results

RT: 2.72
Area: 159511
Amount: 436.8822
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 79403
Amount: 217.4756
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:49:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

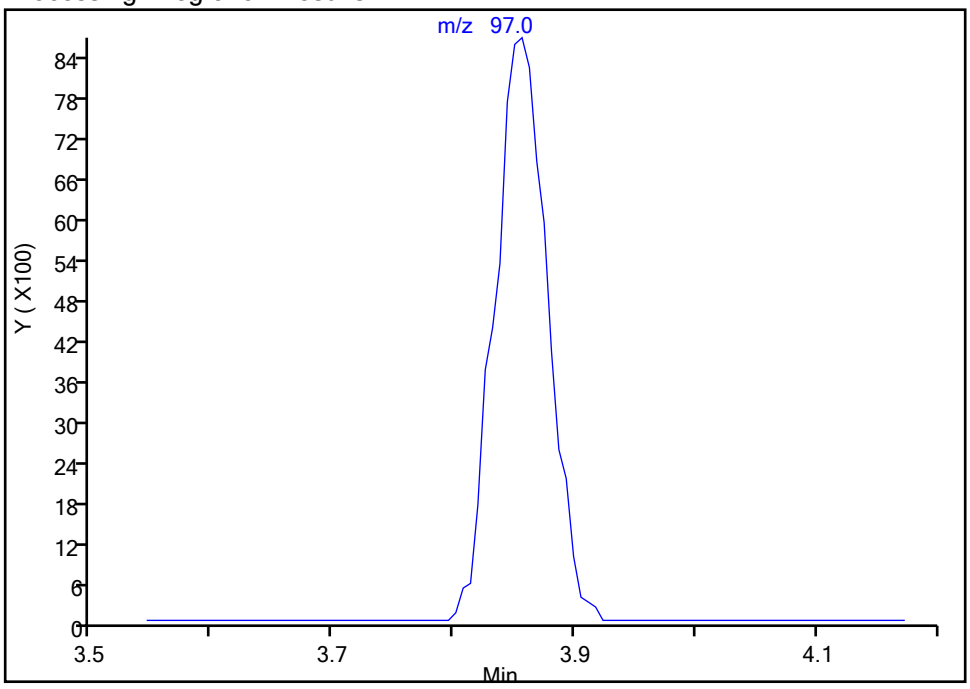
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

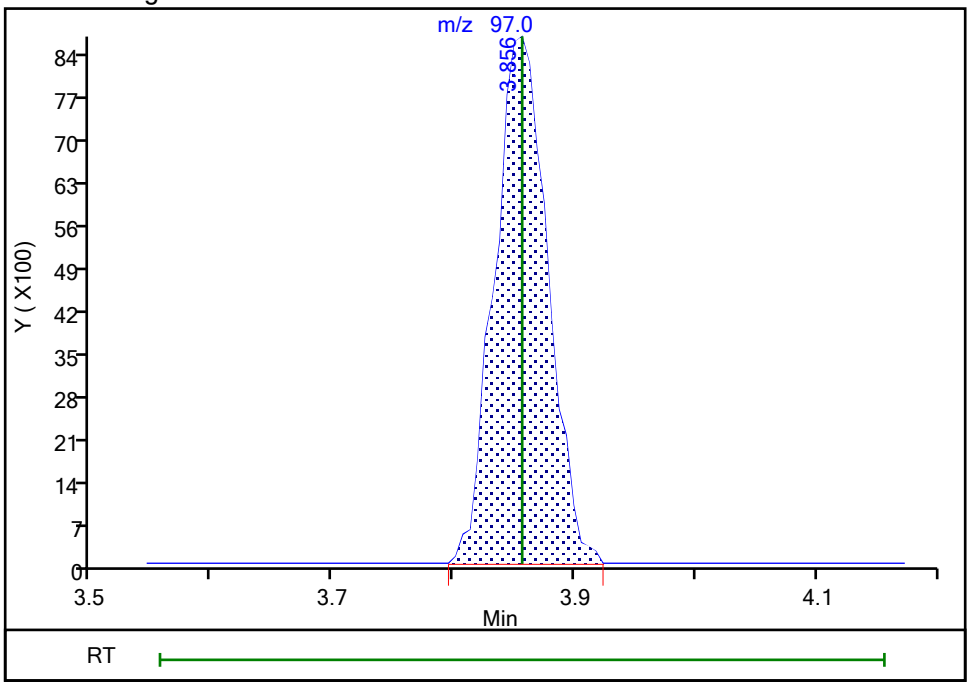
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 26511
Amount: 18.013467
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:50:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

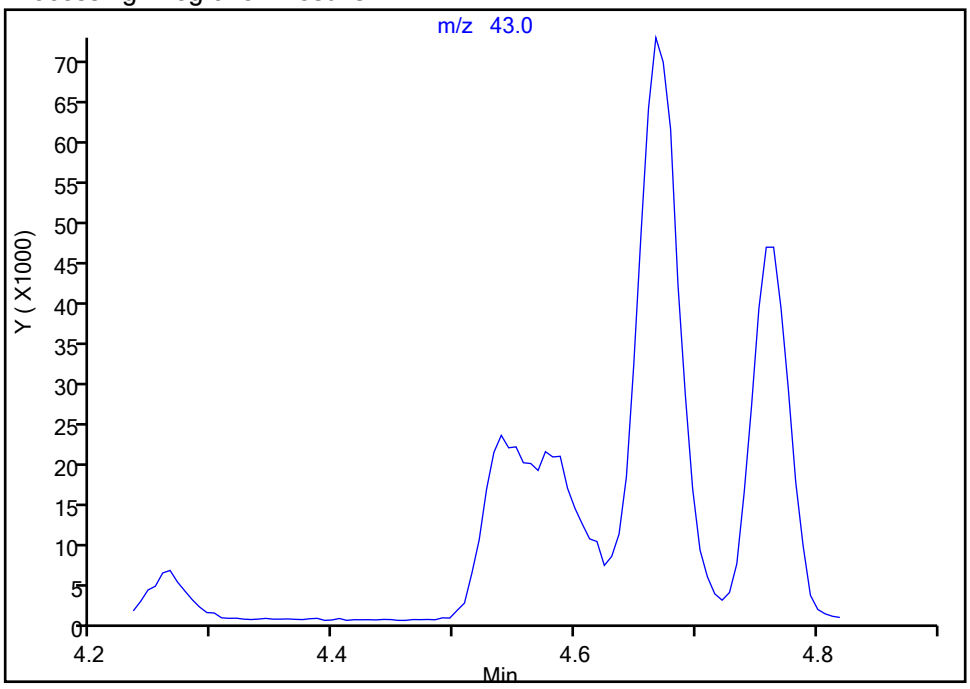
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85364.D
Injection Date: 20-Sep-2024 15:18:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

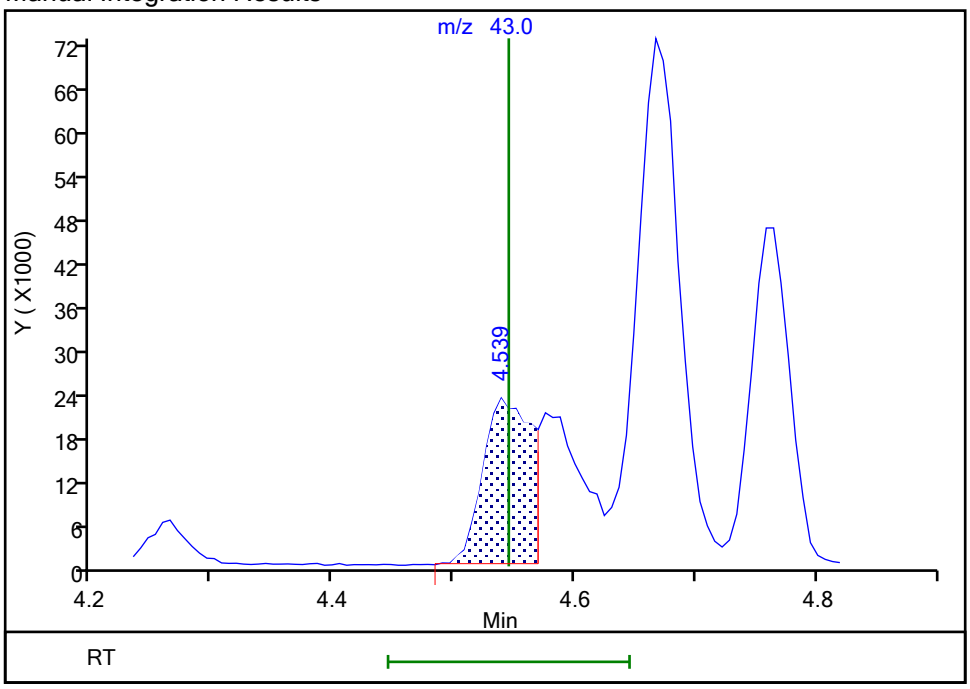
Not Detected
Expected RT: 4.55

Processing Integration Results



Manual Integration Results

RT: 4.54
Area: 66264
Amount: 557.9048
Amount Units: ug/l



Reviewer: PUV6, 20-Sep-2024 21:50:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000443/3 Calibration Date: 10/09/2024 06:44

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857242.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin		0.0034		8.70	20.0	-56.5*	20.0
Chlorotrifluoroethene	Ave	0.0774	0.0849		21.9	20.0	9.6	20.0
1,1-Difluoroethane	Ave	0.1370	0.1287		18.8	20.0	-6.1	20.0
Dichlorodifluoromethane	Ave	0.2702	0.2508	0.1000	18.6	20.0	-7.2	20.0
Chlorodifluoromethane	Ave	0.0475	0.0527		22.2	20.0	10.9	20.0
Chloromethane	Ave	0.3295	0.2756	0.1000	16.7	20.0	-16.4	20.0
Vinyl chloride	Ave	0.3163	0.2836	0.1000	17.9	20.0	-10.4	20.0
Butadiene	Ave	0.3400	0.3130		18.4	20.0	-7.9	20.0
Bromomethane	Ave	0.2263	0.2158	0.1000	19.1	20.0	-4.7	50.0
Chloroethane	Ave	0.1774	0.1785	0.1000	20.1	20.0	0.6	50.0
Dichlorofluoromethane	Ave	0.5487	0.5298		19.3	20.0	-3.4	20.0
Trichlorofluoromethane	Ave	0.3471	0.3515	0.1000	20.3	20.0	1.3	20.0
Pentane	Ave	0.0451	0.0371		32.9	40.0	-17.7	20.0
Ethanol	Lin2		0.3469		669	800	-16.3	50.0
Isopropyl alcohol	Lin2		7.848		149	200	-25.4	50.0
Ethyl ether	Lin2		0.1608		21.2	20.0	5.9	20.0
2-Methyl-1,3-butadiene	Ave	0.2364	0.2079		17.6	20.0	-12.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2376	0.2358		19.9	20.0	-0.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3688	0.3698		20.1	20.0	0.3	20.0
Acrolein	Ave	0.0352	0.0391		44.4	40.0	11.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2464	0.2373	0.1000	19.3	20.0	-3.7	20.0
1,1-Dichloroethene	Ave	0.2590	0.2375	0.1000	18.3	20.0	-8.3	20.0
Acetone	Ave	0.7505	0.7721	0.0500	103	100	2.9	50.0
Iodomethane	Ave	0.4572	0.4257		18.6	20.0	-6.9	20.0
Carbon disulfide	Ave	0.9597	0.8708	0.1000	18.1	20.0	-9.3	50.0
3-Chloro-1-propene	Ave	0.1852	0.1571		17.0	20.0	-15.2	20.0
Methyl acetate	Ave	0.1373	0.1686	0.1000	49.1	40.0	22.8*	20.0
Cyclopentene	Ave	0.5960	0.5337		17.9	20.0	-10.5	20.0
Acetonitrile	Ave	0.3697	0.2994		162	200	-19.0	20.0
Methylene Chloride	Ave	0.3150	0.2915	0.1000	18.5	20.0	-7.5	20.0
2-Methyl-2-propanol	Ave	7.503	7.813		208	200	4.1	50.0
Methyl tert-butyl ether	Ave	0.6772	0.7414	0.1000	21.9	20.0	9.5	20.0
trans-1,2-Dichloroethene	Ave	0.2965	0.2693	0.1000	18.2	20.0	-9.2	20.0
Acrylonitrile	Ave	0.0704	0.0910		259	200	29.4*	20.0
Hexane	Ave	0.3948	0.3348		17.0	20.0	-15.2	20.0
Isopropyl ether	Ave	0.8924	0.7871		17.6	20.0	-11.8	20.0
1,1-Dichloroethane	Ave	0.5102	0.4887	0.2000	19.2	20.0	-4.2	20.0
Vinyl acetate	Ave	0.6318	0.5798		36.7	40.0	-8.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2480	0.2269		18.3	20.0	-8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000443/3 Calibration Date: 10/09/2024 06:44

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857242.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8025	0.7793		19.4	20.0	-2.9	20.0
2,2-Dichloropropane	Ave	0.0950	0.0943		19.8	20.0	-0.8	20.0
cis-1,2-Dichloroethene	Ave	0.3103	0.2967	0.1000	19.1	20.0	-4.4	20.0
Methyl Ethyl Ketone	Ave	0.2935	0.2925	0.0500	99.7	100	-0.3	50.0
Ethyl acetate	Ave	0.3070	0.2909		37.9	40.0	-5.2	20.0
Methyl acrylate	Ave	0.1584	0.1971		24.9	20.0	24.4*	20.0
Propionitrile	Ave	10.60	11.26		212	200	6.2	20.0
Tetrahydrofuran	Ave	0.3303	0.3468		42.0	40.0	5.0	20.0
Chlorobromomethane	Ave	0.1395	0.1415		20.3	20.0	1.4	20.0
Methacrylonitrile	Ave	0.0773	0.1031		267	200	33.5*	20.0
Chloroform	Ave	0.4556	0.4657	0.2000	20.4	20.0	2.2	20.0
Cyclohexane	Ave	0.4192	0.3724	0.1000	17.8	20.0	-11.2	50.0
1,1,1-Trichloroethane	Ave	0.3751	0.3935	0.1000	21.0	20.0	4.9	20.0
Carbon tetrachloride	Ave	0.3065	0.2979	0.1000	19.4	20.0	-2.8	20.0
1,1-Dichloropropene	Ave	0.3705	0.3530		19.1	20.0	-4.7	20.0
Isobutyl alcohol	Ave	3.286	2.342		356	500	-28.7	50.0
Isooctane	Ave	0.9685	0.8545		17.6	20.0	-11.8	20.0
Benzene	Ave	1.583	1.559	0.5000	19.7	20.0	-1.5	20.0
Isopropyl acetate	Ave	0.1101	0.1252		22.7	20.0	13.7	20.0
Tert-amyl methyl ether	Ave	0.7268	0.7960		21.9	20.0	9.5	20.0
1,2-Dichloroethane	Ave	0.2965	0.3471	0.1000	23.4	20.0	17.1	20.0
n-Heptane	Ave	0.0663	0.0628		19.0	20.0	-5.2	20.0
n-Butanol	Ave	1.823	1.711		469	500	-6.1	50.0
Trichloroethene	Ave	0.2738	0.2661	0.2000	19.4	20.0	-2.8	20.0
Ethyl acrylate	Ave	0.0334	0.0353		21.1	20.0	5.7	20.0
Methylcyclohexane	Ave	0.4722	0.4313	0.1000	18.3	20.0	-8.7	50.0
1,2-Dichloropropane	Ave	0.2819	0.2527	0.1000	17.9	20.0	-10.4	20.0
Methyl methacrylate	Ave	0.0492	0.0631		51.3	40.0	28.4*	20.0
1,4-Dioxane	Ave	1.190	1.162		391	400	-2.3	50.0
Dibromomethane	Ave	0.1366	0.1561		22.9	20.0	14.3	20.0
n-Propyl acetate	Ave	0.2564	0.2792		21.8	20.0	8.9	20.0
Bromodichloromethane	Ave	0.3066	0.3201	0.2000	20.9	20.0	4.4	20.0
2-Nitropropane	Ave	0.0403	0.0475		47.2	40.0	18.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1283		20.9	20.0	4.5	20.0
Epichlorohydrin	Ave	0.2389	0.2447		410	400	2.4	20.0
cis-1,3-Dichloropropene	Ave	0.5760	0.5578	0.2000	19.4	20.0	-3.2	50.0
methyl isobutyl ketone	Ave	1.000	0.9831	0.0500	98.3	100	-1.7	50.0
Toluene	Ave	1.661	1.575	0.4000	19.0	20.0	-5.1	20.0
trans-1,3-Dichloropropene	Ave	0.4380	0.4535	0.1000	20.7	20.0	3.5	50.0
Ethyl methacrylate	Ave	0.3626	0.4212		23.2	20.0	16.2	20.0
1,1,2-Trichloroethane	Ave	0.2409	0.2695	0.1000	22.4	20.0	11.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000443/3 Calibration Date: 10/09/2024 06:44

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857242.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3944	0.3664	0.2000	18.6	20.0	-7.1	20.0
1,3-Dichloropropane	Ave	0.4580	0.5078		22.2	20.0	10.9	20.0
2-Hexanone	Ave	1.548	1.476	0.0500	95.4	100	-4.6	50.0
n-Butyl acetate	Ave	0.4080	0.4289		21.0	20.0	5.1	20.0
Dibromochloromethane	Ave	0.2872	0.3209	0.1000	22.3	20.0	11.7	50.0
Ethylene Dibromide	Ave	0.2497	0.2905	0.1000	23.3	20.0	16.3	20.0
Chlorobenzene	Ave	1.010	0.9850	0.5000	19.5	20.0	-2.5	20.0
Ethylbenzene	Ave	0.5727	0.5451	0.1000	19.0	20.0	-4.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3438	0.3356		19.5	20.0	-2.4	20.0
m-Xylene & p-Xylene	Ave	0.6846	0.6726	0.1000	19.6	20.0	-1.8	20.0
n-Butyl acrylate	Ave	0.2334	0.2547		21.8	20.0	9.1	20.0
o-Xylene	Ave	0.6774	0.6472	0.3000	19.1	20.0	-4.5	20.0
Styrene	Ave	1.019	1.115	0.3000	21.9	20.0	9.4	20.0
Bromoform	Lin2		0.1892	0.1000	21.1	20.0	5.4	20.0
Amyl acetate (mixed isomers)	Ave	0.9350	0.999		21.4	20.0	6.8	20.0
Isopropylbenzene	Ave	1.496	1.547	0.1000	20.7	20.0	3.5	20.0
Bromobenzene	Ave	0.7792	0.7524		19.3	20.0	-3.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6078	0.7640	0.3000	25.1	20.0	25.7*	20.0
N-Propylbenzene	Ave	3.535	3.629		20.5	20.0	2.7	20.0
1,2,3-Trichloropropane	Ave	0.1709	0.2162		25.3	20.0	26.5*	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.0431		6.88	20.0	-65.6*	20.0
2-Chlorotoluene	Ave	2.518	2.527		20.1	20.0	0.4	20.0
4-Ethyltoluene	Ave	2.979	3.111		20.9	20.0	4.4	20.0
1,3,5-Trimethylbenzene	Ave	2.439	2.589		21.2	20.0	6.1	20.0
4-Chlorotoluene	Ave	2.462	2.418		19.6	20.0	-1.8	20.0
Butyl Methacrylate	QuaF		0.8693		16.8	20.0	-16.0	20.0
tert-Butylbenzene	Ave	2.077	2.130		20.5	20.0	2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.566	2.748		21.4	20.0	7.1	20.0
sec-Butylbenzene	Ave	3.166	3.376		21.3	20.0	6.6	20.0
1,3-Dichlorobenzene	Ave	1.506	1.519	0.6000	20.2	20.0	0.8	20.0
4-Isopropyltoluene	Ave	2.716	2.907		21.4	20.0	7.1	20.0
1,4-Dichlorobenzene	Ave	1.552	1.527	0.5000	19.7	20.0	-1.7	20.0
1,2,3-Trimethylbenzene	Ave	2.722	2.953		21.7	20.0	8.5	20.0
Benzyl chloride	Ave	1.048	1.316		25.1	20.0	25.6	50.0
Indan	Ave	2.586	2.731		21.1	20.0	5.6	20.0
p-Diethylbenzene	Ave	1.792	1.841		20.6	20.0	2.8	20.0
n-Butylbenzene	Ave	1.556	1.609		20.7	20.0	3.4	20.0
1,2-Dichlorobenzene	Ave	1.447	1.520	0.4000	21.0	20.0	5.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.544	2.578		20.3	20.0	1.4	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1128	0.0500	24.9	20.0	24.3	50.0
1,3,5-Trichlorobenzene	Ave	1.304	1.245		19.1	20.0	-4.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000443/3 Calibration Date: 10/09/2024 06:44

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857242.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.211	1.153	0.2000	19.0	20.0	-4.8	20.0
Hexachlorobutadiene	Ave	0.6614	0.5506		16.6	20.0	-16.8	20.0
Naphthalene	Ave	1.963	2.605		26.5	20.0	32.7	50.0
1,2,3-Trichlorobenzene	Ave	1.070	1.136		21.2	20.0	6.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2343	0.2425		51.7	50.0	3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2390	0.2791		58.4	50.0	16.7	20.0
Toluene-d8 (Surr)	Ave	1.363	1.329		48.8	50.0	-2.5	20.0
4-Bromofluorobenzene	Ave	0.4144	0.4042		48.8	50.0	-2.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Oct-2024 06:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0181932-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:54:40 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 07:16:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.211	1.211	0.000	27	714	20.0	8.70	
3 Chlorotrifluoroethene	116	1.284	1.284	0.000	63	18070	20.0	21.9	
2 1,1-Difluoroethane	65	1.302	1.302	0.000	97	27416	20.0	18.8	a
4 Dichlorodifluoromethane	85	1.308	1.308	0.000	98	53412	20.0	18.6	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	11230	20.0	22.2	
6 Chloromethane	50	1.491	1.491	0.000	98	58692	20.0	16.7	
7 Vinyl chloride	62	1.546	1.546	0.000	97	60388	20.0	17.9	
8 Butadiene	54	1.570	1.570	0.000	94	66656	20.0	18.4	
9 Bromomethane	94	1.814	1.814	0.000	96	45957	20.0	19.1	
10 Chloroethane	64	1.881	1.881	0.000	99	38021	20.0	20.1	
11 Dichlorofluoromethane	67	2.040	2.040	0.000	98	112832	20.0	19.3	
12 Trichlorofluoromethane	101	2.058	2.058	0.000	62	74858	20.0	20.3	
13 Pentane	72	2.070	2.070	0.000	96	15820	40.0	32.9	
14 Ethanol	46	2.223	2.223	0.000	77	8466	800.0	669.3	
25 Isopropyl alcohol	45	2.235	2.235	0.000	72	47881	200.0	149.2	
15 Ethyl ether	74	2.241	2.241	0.000	92	34251	20.0	21.2	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	44279	20.0	17.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.290	2.290	0.000	89	50224	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.351	2.351	0.000	89	78760	20.0	20.1	
19 Acrolein	56	2.399	2.399	0.000	68	16641	40.0	44.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.424	2.424	0.000	94	50535	20.0	19.3	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	98	50572	20.0	18.3	
22 Acetone	43	2.503	2.503	0.000	87	70999	100.0	102.9	
23 Iodomethane	142	2.570	2.570	0.000	97	90662	20.0	18.6	
24 Carbon disulfide	76	2.600	2.600	0.000	99	185443	20.0	18.1	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	90	33456	20.0	17.0	
27 Methyl acetate	43	2.729	2.729	0.000	89	71813	40.0	49.1	
28 Cyclopentene	67	2.735	2.735	0.000	90	113651	20.0	17.9	
29 Acetonitrile	41	2.771	2.771	0.000	96	55058	200.0	162.0	a
30 Methylene Chloride	84	2.832	2.832	0.000	90	62076	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.844	2.844	0.000	0	30506	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.899	2.899	0.000	93	47671	200.0	208.3	
33 Methyl tert-butyl ether	73	2.985	2.985	0.000	97	157875	20.0	21.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	57341	20.0	18.2	
35 Acrylonitrile	53	3.076	3.076	0.000	95	193875	200.0	258.8	
36 Hexane	57	3.155	3.155	0.000	93	71288	20.0	17.0	
37 Isopropyl ether	45	3.356	3.356	0.000	91	167620	20.0	17.6	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	99	104068	20.0	19.2	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21329	40.0	36.7	
40 2-Chloro-1,3-butadiene	88	3.417	3.417	0.000	91	48319	20.0	18.3	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	89	165951	20.0	19.4	
* 42 2-Butanone-d5	46	3.826	3.826	0.000	0	229902	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.850	0.000	79	20074	20.0	19.8	
44 cis-1,2-Dichloroethene	96	3.875	3.875	0.000	95	63192	20.0	19.1	
45 2-Butanone (MEK)	72	3.881	3.881	0.000	96	26899	100.0	99.7	
46 Ethyl acetate	70	3.887	3.887	0.000	95	10700	40.0	37.9	
47 Methyl acrylate	55	3.942	3.942	0.000	99	41968	20.0	24.9	
48 Propionitrile	54	4.009	4.009	0.000	97	68685	200.0	212.4	
50 Tetrahydrofuran	72	4.076	4.076	0.000	58	12757	40.0	42.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	81	30136	20.0	20.3	
51 Methacrylonitrile	67	4.106	4.106	0.000	90	219652	200.0	267.0	
52 Chloroform	83	4.143	4.143	0.000	99	99181	20.0	20.4	
53 Cyclohexane	84	4.265	4.265	0.000	90	79313	20.0	17.8	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	84	83804	20.0	21.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	129083	50.0	51.7	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	63439	20.0	19.4	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	96	75163	20.0	19.1	
58 Isobutyl alcohol	43	4.539	4.539	0.000	95	35721	500.0	356.3	
59 Isooctane	57	4.582	4.582	0.000	96	181972	20.0	17.6	
60 Benzene	78	4.612	4.612	0.000	96	234543	20.0	19.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	148581	50.0	58.4	
63 Isopropyl acetate	61	4.673	4.673	0.000	86	26655	20.0	22.7	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	88	169510	20.0	21.9	
64 1,2-Dichloroethane	62	4.692	4.692	0.000	98	73920	20.0	23.4	
65 n-Heptane	100	4.759	4.759	0.000	91	13383	20.0	19.0	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	532389	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	90	26101	500.0	469.5	
68 Trichloroethene	95	5.222	5.222	0.000	98	56674	20.0	19.4	
70 Ethyl acrylate	99	5.350	5.350	0.000	95	7514	20.0	21.1	
69 Methylcyclohexane	83	5.350	5.350	0.000	78	91856	20.0	18.3	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	53807	20.0	17.9	
* 72 1,4-Dioxane-d8	96	5.551	5.551	0.000	0	20587	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	87	26884	40.0	51.3	
75 1,4-Dioxane	88	5.612	5.612	0.000	83	9566	400.0	390.6	
74 Dibromomethane	93	5.630	5.630	0.000	96	33253	20.0	22.9	
76 n-Propyl acetate	43	5.643	5.643	0.000	98	59450	20.0	21.8	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	68173	20.0	20.9	
78 2-Nitropropane	41	6.112	6.112	0.000	81	20240	40.0	47.2	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	80	27394	20.0	20.9	
80 Epichlorohydrin	57	6.210	6.210	0.000	99	90007	400.0	409.7	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	91	83910	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	96	90403	100.0	98.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	100	499745	50.0	48.8	
84 Toluene	91	6.581	6.581	0.000	93	236988	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.929	6.929	0.000	95	68221	20.0	20.7	
86 Ethyl methacrylate	69	6.972	6.972	0.000	90	63364	20.0	23.2	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	40538	20.0	22.4	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	55112	20.0	18.6	
89 1,3-Dichloropropane	76	7.343	7.343	0.000	94	76391	20.0	22.2	
90 2-Hexanone	43	7.417	7.417	0.000	96	135771	100.0	95.4	
91 n-Butyl acetate	43	7.539	7.539	0.000	98	64516	20.0	21.0	
92 Chlorodibromomethane	129	7.569	7.569	0.000	98	48267	20.0	22.3	
93 Ethylene Dibromide	107	7.715	7.715	0.000	99	43693	20.0	23.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	376059	50.0	50.0	
95 Chlorobenzene	112	8.294	8.294	0.000	96	148174	20.0	19.5	
96 Ethylbenzene	106	8.410	8.410	0.000	98	82000	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.416	8.416	0.000	96	50475	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	101173	20.0	19.6	
99 o-Xylene	106	9.087	9.087	0.000	94	97354	20.0	19.1	
100 n-Butyl acrylate	73	9.087	9.087	0.000	95	38319	20.0	21.8	
101 Styrene	104	9.118	9.118	0.000	97	167710	20.0	21.9	
102 Bromoform	173	9.361	9.361	0.000	96	28466	20.0	21.1	
103 Amyl acetate (mixed isomers)	43	9.374	9.374	0.000	92	82578	20.0	21.4	
104 Isopropylbenzene	105	9.526	9.526	0.000	95	232765	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	9.752	9.752	0.000	92	152002	50.0	48.8	
106 Bromobenzene	156	9.898	9.898	0.000	97	62205	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	63170	20.0	25.1	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	300076	20.0	20.5	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	97	17879	20.0	25.3	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	69	3563	20.0	6.88	a
111 2-Chlorotoluene	91	10.099	10.099	0.000	96	208938	20.0	20.1	
112 4-Ethyltoluene	105	10.117	10.117	0.000	98	257244	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	93	214048	20.0	21.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	199925	20.0	19.6	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	71874	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	176091	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	97	227182	20.0	21.4	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	279096	20.0	21.3	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	97	125595	20.0	20.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	240360	20.0	21.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	206698	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.940	10.940	0.000	96	126214	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	244166	20.0	21.7	
124 Benzyl chloride	91	11.087	11.087	0.000	99	108823	20.0	25.1	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	94	225778	20.0	21.1	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	152205	20.0	20.6	
127 n-Butylbenzene	92	11.233	11.233	0.000	98	133034	20.0	20.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	125667	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	213179	20.0	20.3	
130 1,2-Dibromo-3-Chloropropane	155	11.965	11.965	0.000	96	9330	20.0	24.9	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	97	102971	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	95321	20.0	19.0	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	45521	20.0	16.6	
134 Naphthalene	128	12.769	12.769	0.000	99	215378	20.0	26.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	93901	20.0	21.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.3	
S 137 Xylenes, Total	100				0		40.0	38.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.1	
S 140 Total BTEX	1				0		100.0	96.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Oct-2024 13:54:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D

Injection Date: 09-Oct-2024 06:44:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

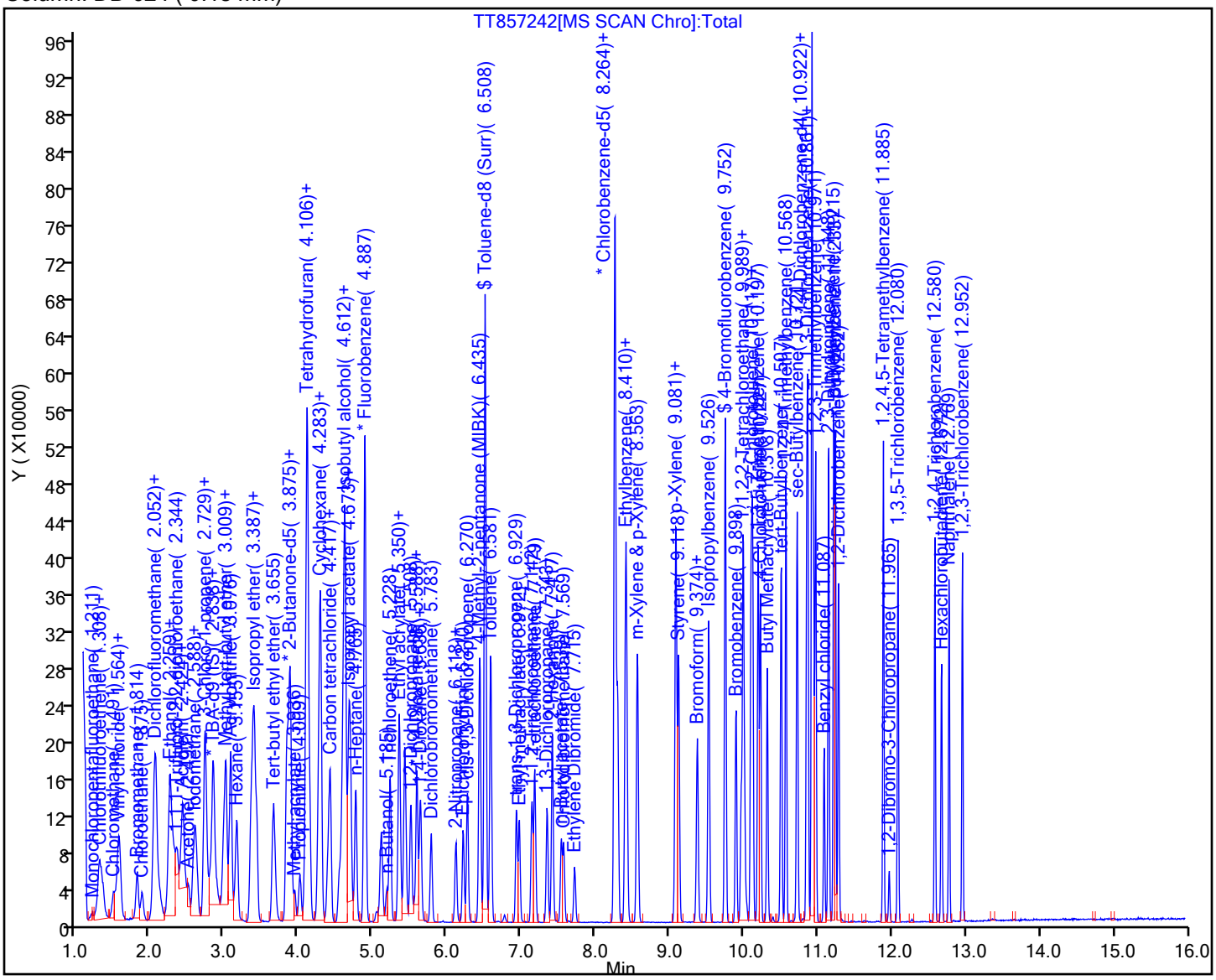
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

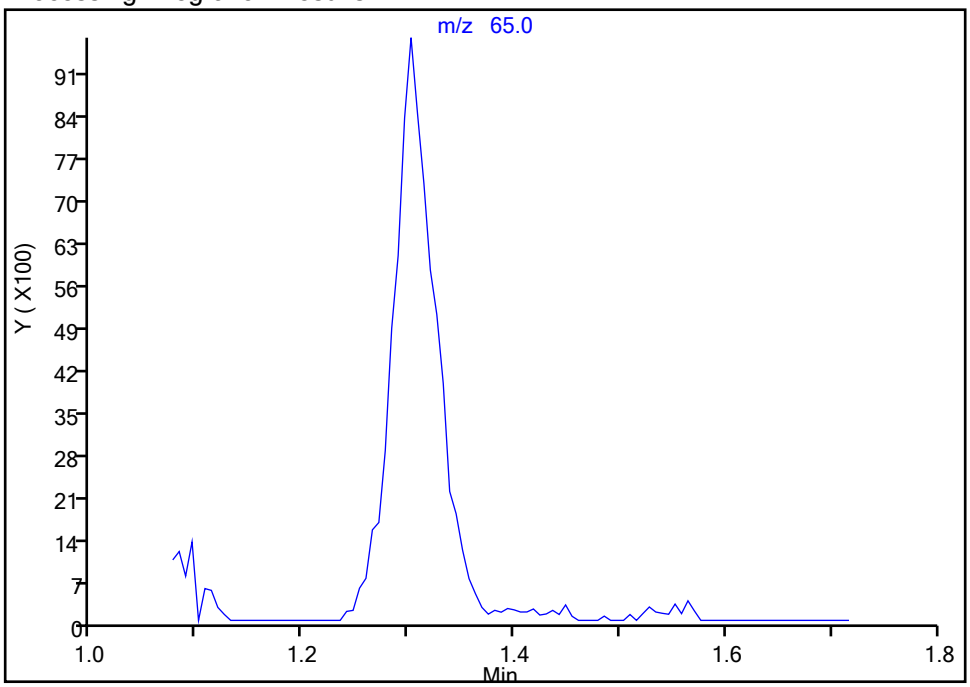
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D
Injection Date: 09-Oct-2024 06:44:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

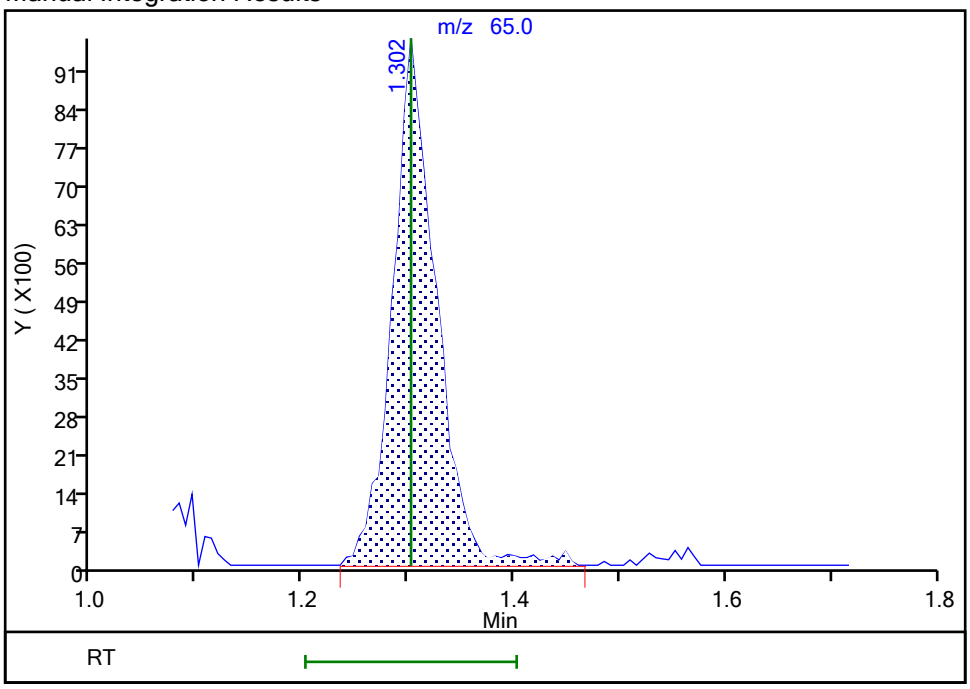
Not Detected
Expected RT: 1.30

Processing Integration Results



Manual Integration Results

RT: 1.30
Area: 27416
Amount: 18.789320
Amount Units: ug/l



Reviewer: FK2C, 09-Oct-2024 07:07:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

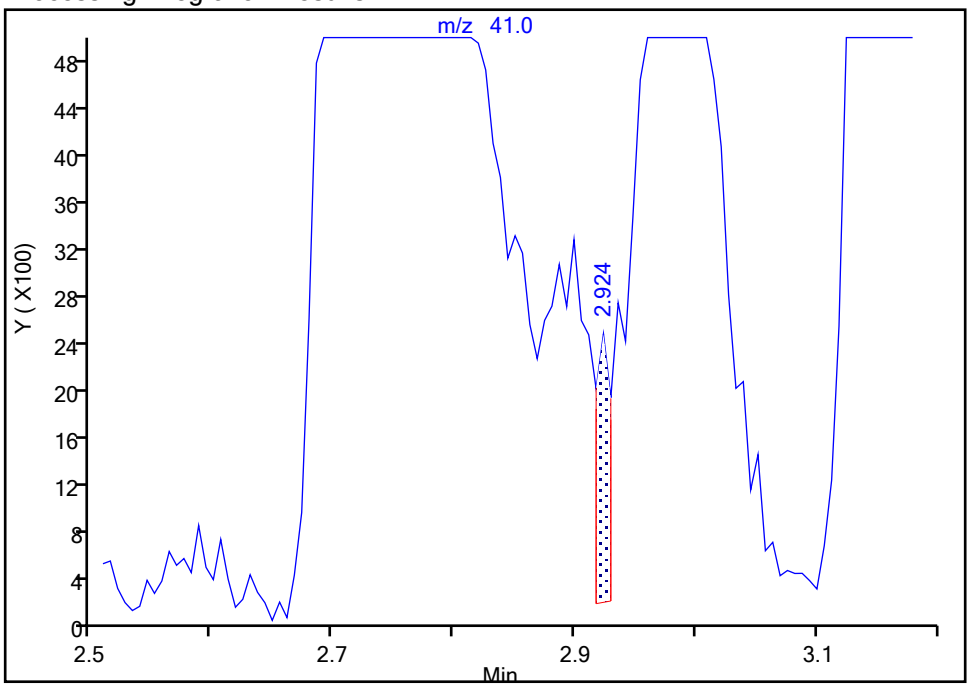
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D
Injection Date: 09-Oct-2024 06:44:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

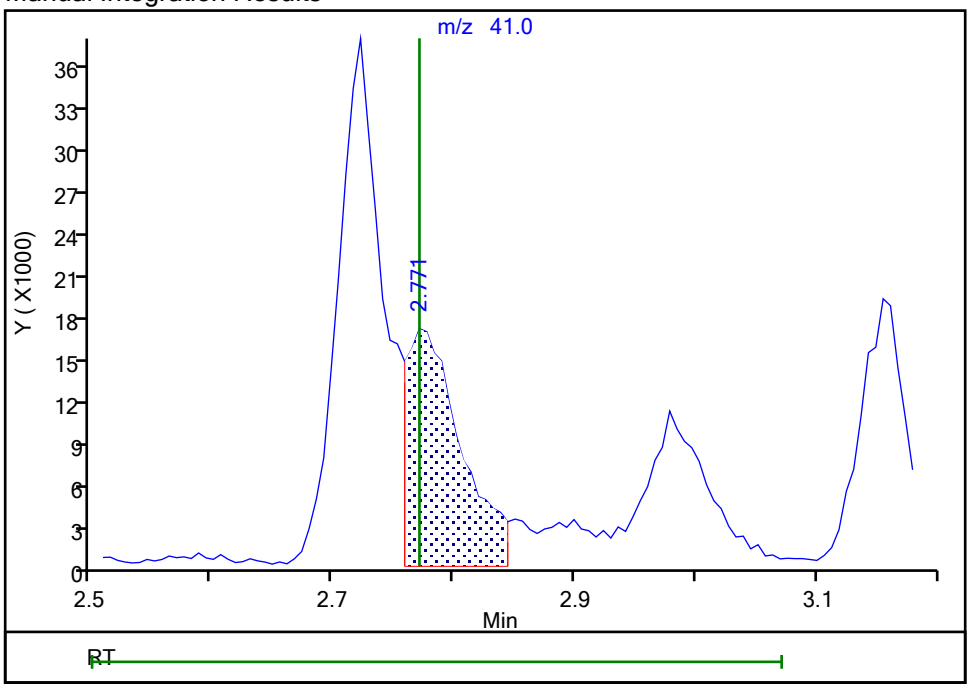
Processing Integration Results

RT: 2.92
Area: 2120
Amount: 6.235890
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 55058
Amount: 161.9508
Amount Units: ug/l



Reviewer: FK2C, 09-Oct-2024 07:07:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

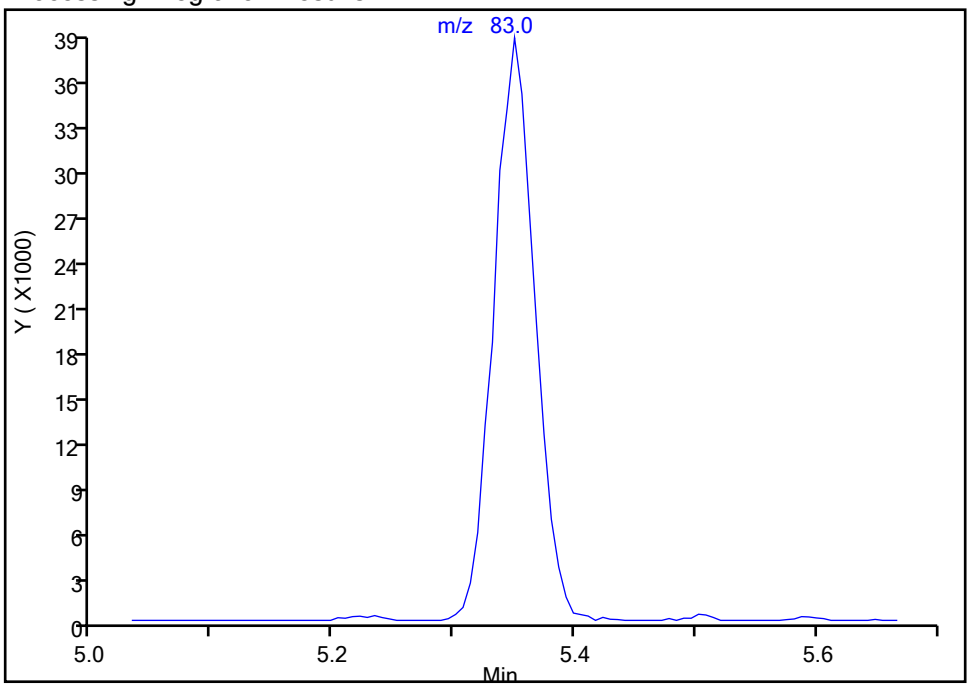
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D
Injection Date: 09-Oct-2024 06:44:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

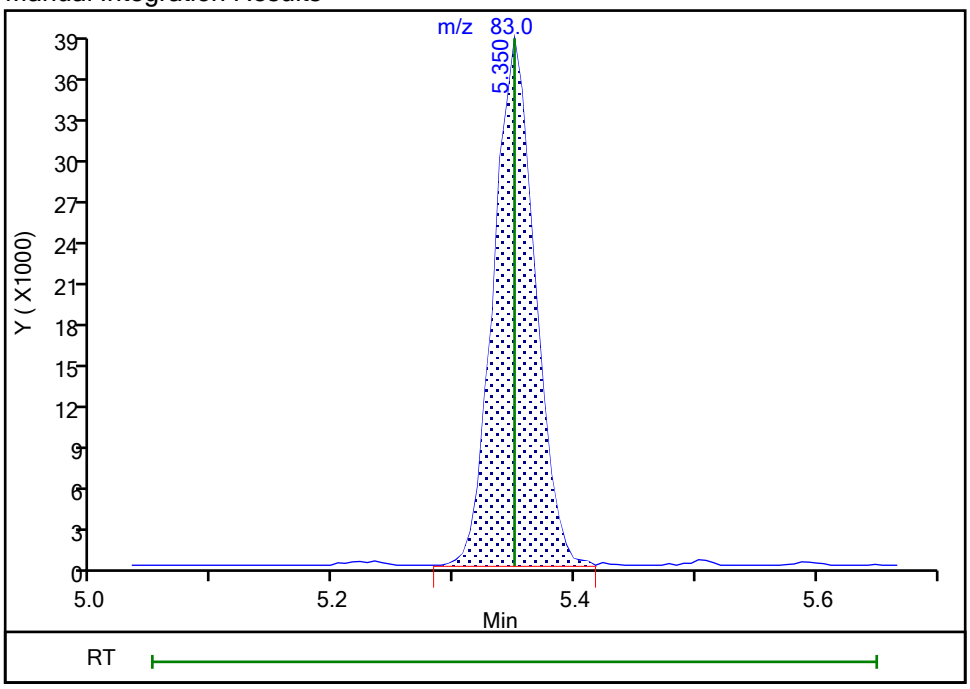
Not Detected
Expected RT: 5.35

Processing Integration Results



Manual Integration Results

RT: 5.35
Area: 91856
Amount: 18.269958
Amount Units: ug/l



Reviewer: FK2C, 09-Oct-2024 07:07:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

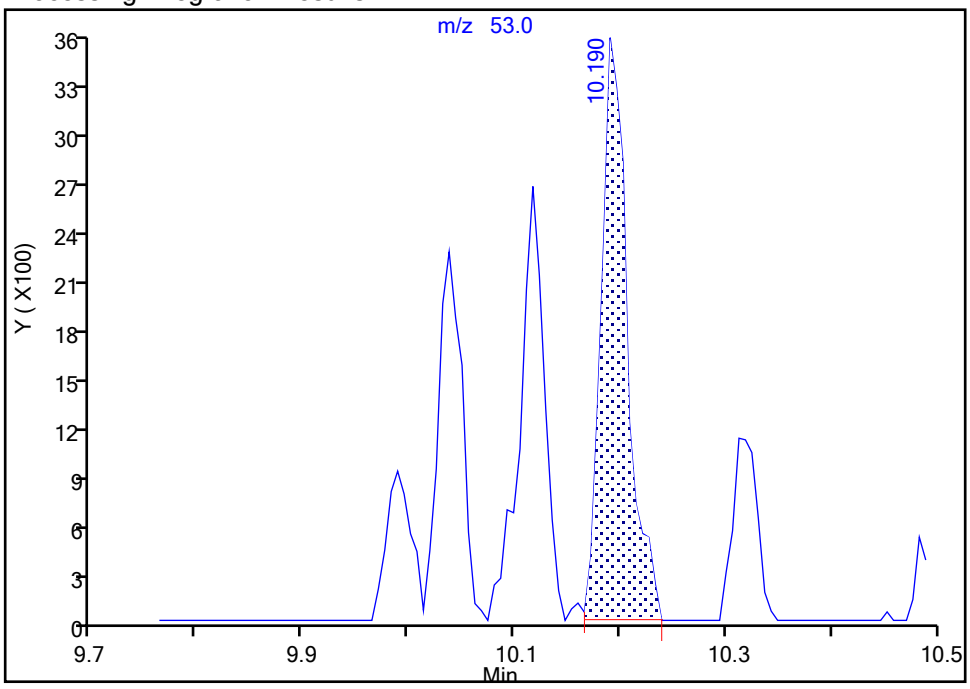
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857242.D
Injection Date: 09-Oct-2024 06:44:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

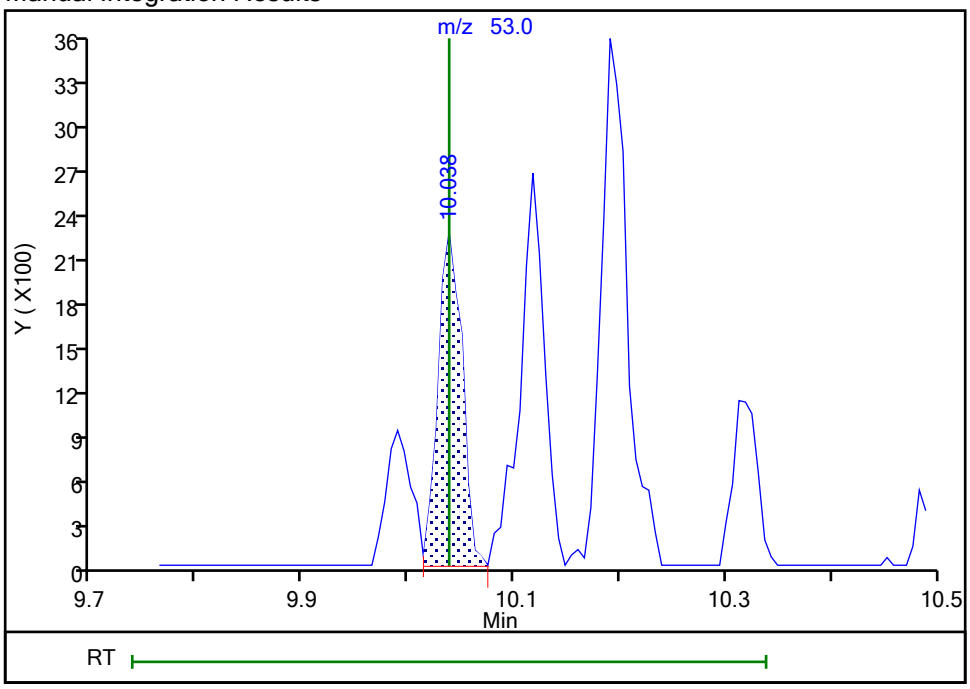
Processing Integration Results

RT: 10.19
Area: 6184
Amount: 11.925476
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 3563
Amount: 6.881159
Amount Units: ug/l



Reviewer: FK2C, 09-Oct-2024 07:07:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000575/2 Calibration Date: 10/09/2024 18:22

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857277.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0774	0.0469		12.1	20.0	-39.4*	20.0
1,1-Difluoroethane	Ave	0.1370	0.0992		14.5	20.0	-27.6*	20.0
Dichlorodifluoromethane	Ave	0.2702	0.2648	0.1000	19.6	20.0	-2.0	20.0
Chlorodifluoromethane	Ave	0.0475	0.0377		15.9	20.0	-20.6*	20.0
Chloromethane	Ave	0.3295	0.2766	0.1000	16.8	20.0	-16.1	20.0
Vinyl chloride	Ave	0.3163	0.2415	0.1000	15.3	20.0	-23.6*	20.0
Butadiene	Ave	0.3400	0.2710		15.9	20.0	-20.3*	20.0
Bromomethane	Ave	0.2263	0.1986	0.1000	17.5	20.0	-12.3	50.0
Chloroethane	Ave	0.1774	0.1671	0.1000	18.8	20.0	-5.8	50.0
Dichlorofluoromethane	Ave	0.5487	0.4733		17.3	20.0	-13.7	20.0
Pentane	Ave	0.0451	0.0410		36.4	40.0	-9.1	20.0
Trichlorofluoromethane	Ave	0.3471	0.3045	0.1000	17.5	20.0	-12.3	20.0
Ethanol	Lin2		0.3189		616	800	-23.0	50.0
Ethyl ether	Lin2		0.1488		19.5	20.0	-2.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2364	0.2066		17.5	20.0	-12.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2376	0.2139		18.0	20.0	-10.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3688	0.3514		19.1	20.0	-4.7	20.0
Acrolein	Ave	0.0352	0.0374		42.5	40.0	6.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2464	0.2320	0.1000	18.8	20.0	-5.9	20.0
1,1-Dichloroethene	Ave	0.2590	0.2384	0.1000	18.4	20.0	-8.0	20.0
Acetone	Ave	0.7505	0.6705	0.0500	89.3	100	-10.7	50.0
Iodomethane	Ave	0.4572	0.4211		18.4	20.0	-7.9	20.0
Isopropyl alcohol	Lin2		3.265		58.6	200	-70.7*	50.0
Carbon disulfide	Ave	0.9597	0.8920	0.1000	18.6	20.0	-7.1	50.0
3-Chloro-1-propene	Ave	0.1852	0.1532		16.5	20.0	-17.3	20.0
Methyl acetate	Ave	0.1373	0.1479	0.1000	43.1	40.0	7.8	20.0
Cyclopentene	Ave	0.5960	0.5335		17.9	20.0	-10.5	20.0
Acetonitrile	Ave	0.3697	0.2431		132	200	-34.2*	20.0
Methylene Chloride	Ave	0.3150	0.2821	0.1000	17.9	20.0	-10.4	20.0
2-Methyl-2-propanol	Ave	7.503	7.182		191	200	-4.3	50.0
Methyl tert-butyl ether	Ave	0.6772	0.6731	0.1000	19.9	20.0	-0.6	20.0
trans-1,2-Dichloroethene	Ave	0.2965	0.2647	0.1000	17.9	20.0	-10.7	20.0
Acrylonitrile	Ave	0.0704	0.0817		232	200	16.1	20.0
Hexane	Ave	0.3948	0.3489		17.7	20.0	-11.6	20.0
Isopropyl ether	Ave	0.8924	0.7527		16.9	20.0	-15.6	20.0
1,1-Dichloroethane	Ave	0.5102	0.4527	0.2000	17.7	20.0	-11.3	20.0
Vinyl acetate	Ave	0.6318	0.5511		34.9	40.0	-12.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2480	0.2248		18.1	20.0	-9.4	20.0
Tert-butyl ethyl ether	Ave	0.8025	0.7279		18.1	20.0	-9.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000575/2 Calibration Date: 10/09/2024 18:22

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857277.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0950	0.0815		17.1	20.0	-14.3	20.0
cis-1,2-Dichloroethene	Ave	0.3103	0.2870	0.1000	18.5	20.0	-7.5	20.0
Methyl Ethyl Ketone	Ave	0.2935	0.2893	0.0500	98.6	100	-1.4	50.0
Ethyl acetate	Ave	0.3070	0.2908		37.9	40.0	-5.3	20.0
Methyl acrylate	Ave	0.1584	0.1815		22.9	20.0	14.6	20.0
Propionitrile	Ave	10.60	10.16		192	200	-4.1	20.0
Chlorobromomethane	Ave	0.1395	0.1352		19.4	20.0	-3.1	20.0
Tetrahydrofuran	Ave	0.3303	0.3528		42.7	40.0	6.8	20.0
Methacrylonitrile	Ave	0.0773	0.0938		243	200	21.4*	20.0
Chloroform	Ave	0.4556	0.4268	0.2000	18.7	20.0	-6.3	20.0
Cyclohexane	Ave	0.4192	0.3758	0.1000	17.9	20.0	-10.4	50.0
1,1,1-Trichloroethane	Ave	0.3751	0.3532	0.1000	18.8	20.0	-5.8	20.0
Carbon tetrachloride	Ave	0.3065	0.2792	0.1000	18.2	20.0	-8.9	20.0
1,1-Dichloropropene	Ave	0.3705	0.3311		17.9	20.0	-10.6	20.0
Isobutyl alcohol	Ave	3.286	2.338		356	500	-28.9	50.0
Isooctane	Ave	0.9685	0.8518		17.6	20.0	-12.0	20.0
Benzene	Ave	1.583	1.448	0.5000	18.3	20.0	-8.6	20.0
Isopropyl acetate	Ave	0.1101	0.1155		21.0	20.0	4.9	20.0
Tert-amyl methyl ether	Ave	0.7268	0.7402		20.4	20.0	1.9	20.0
1,2-Dichloroethane	Ave	0.2965	0.3144	0.1000	21.2	20.0	6.0	20.0
n-Heptane	Ave	0.0663	0.0610		18.4	20.0	-8.0	20.0
n-Butanol	Ave	1.823	1.588		436	500	-12.8	50.0
Trichloroethene	Ave	0.2738	0.2515	0.2000	18.4	20.0	-8.1	20.0
Ethyl acrylate	Ave	0.0334	0.0322		19.3	20.0	-3.3	20.0
Methylcyclohexane	Ave	0.4722	0.4312	0.1000	18.3	20.0	-8.7	50.0
1,2-Dichloropropane	Ave	0.2819	0.2483	0.1000	17.6	20.0	-11.9	20.0
Methyl methacrylate	Ave	0.0492	0.0578		47.0	40.0	17.6	20.0
1,4-Dioxane	Ave	1.190	1.323		445	400	11.3	50.0
Dibromomethane	Ave	0.1366	0.1504		22.0	20.0	10.1	20.0
n-Propyl acetate	Ave	0.2564	0.2712		21.2	20.0	5.8	20.0
Bromodichloromethane	Ave	0.3066	0.2930	0.2000	19.1	20.0	-4.4	20.0
2-Nitropropane	Ave	0.0403	0.0421		41.8	40.0	4.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1228	0.1295		21.1	20.0	5.4	20.0
Epichlorohydrin	Ave	0.2389	0.2378		398	400	-0.4	20.0
cis-1,3-Dichloropropene	Ave	0.5760	0.5346	0.2000	18.6	20.0	-7.2	50.0
methyl isobutyl ketone	Ave	1.000	0.9522	0.0500	95.2	100	-4.8	50.0
Toluene	Ave	1.661	1.500	0.4000	18.1	20.0	-9.7	20.0
trans-1,3-Dichloropropene	Ave	0.4380	0.4403	0.1000	20.1	20.0	0.5	50.0
Ethyl methacrylate	Ave	0.3626	0.4009		22.1	20.0	10.6	20.0
1,1,2-Trichloroethane	Ave	0.2409	0.2506	0.1000	20.8	20.0	4.0	20.0
Tetrachloroethene	Ave	0.3944	0.3617	0.2000	18.3	20.0	-8.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000575/2 Calibration Date: 10/09/2024 18:22

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857277.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4580	0.4892		21.4	20.0	6.8	20.0
2-Hexanone	Ave	1.548	1.431	0.0500	92.5	100	-7.5	50.0
n-Butyl acetate	Ave	0.4080	0.4121		20.2	20.0	1.0	20.0
Dibromochloromethane	Ave	0.2872	0.2976	0.1000	20.7	20.0	3.6	50.0
Ethylene Dibromide	Ave	0.2497	0.2816	0.1000	22.6	20.0	12.8	20.0
Chlorobenzene	Ave	1.010	0.9420	0.5000	18.7	20.0	-6.7	20.0
Ethylbenzene	Ave	0.5727	0.5131	0.1000	17.9	20.0	-10.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3438	0.3090		18.0	20.0	-10.1	20.0
m-Xylene & p-Xylene	Ave	0.6846	0.6235	0.1000	18.2	20.0	-8.9	20.0
o-Xylene	Ave	0.6774	0.6232	0.3000	18.4	20.0	-8.0	20.0
n-Butyl acrylate	Ave	0.2334	0.2264		19.4	20.0	-3.0	20.0
Styrene	Ave	1.019	1.044	0.3000	20.5	20.0	2.5	20.0
Bromoform	Lin2		0.1778	0.1000	19.8	20.0	-0.9	20.0
Amyl acetate (mixed isomers)	Ave	0.9350	0.9199		19.7	20.0	-1.6	20.0
Isopropylbenzene	Ave	1.496	1.451	0.1000	19.4	20.0	-3.0	20.0
Bromobenzene	Ave	0.7792	0.7243		18.6	20.0	-7.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6078	0.6834	0.3000	22.5	20.0	12.4	20.0
N-Propylbenzene	Ave	3.535	3.448		19.5	20.0	-2.5	20.0
1,2,3-Trichloropropane	Ave	0.1709	0.1953		22.9	20.0	14.3	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.0552		8.81	20.0	-56.0*	20.0
2-Chlorotoluene	Ave	2.518	2.392		19.0	20.0	-5.0	20.0
4-Ethyltoluene	Ave	2.979	2.927		19.6	20.0	-1.8	20.0
1,3,5-Trimethylbenzene	Ave	2.439	2.417		19.8	20.0	-0.9	20.0
4-Chlorotoluene	Ave	2.462	2.456		20.0	20.0	-0.2	20.0
Butyl Methacrylate	QuaF		0.7861		15.2	20.0	-24.0*	20.0
tert-Butylbenzene	Ave	2.077	1.966		18.9	20.0	-5.4	20.0
1,2,4-Trimethylbenzene	Ave	2.566	2.552		19.9	20.0	-0.5	20.0
sec-Butylbenzene	Ave	3.166	3.115		19.7	20.0	-1.6	20.0
1,3-Dichlorobenzene	Ave	1.506	1.434	0.6000	19.0	20.0	-4.8	20.0
4-Isopropyltoluene	Ave	2.716	2.727		20.1	20.0	0.4	20.0
1,4-Dichlorobenzene	Ave	1.552	1.426	0.5000	18.4	20.0	-8.1	20.0
1,2,3-Trimethylbenzene	Ave	2.722	2.714		19.9	20.0	-0.3	20.0
Benzyl chloride	Ave	1.048	1.197		22.8	20.0	14.2	50.0
Indan	Ave	2.586	2.604		20.1	20.0	0.7	20.0
p-Diethylbenzene	Ave	1.792	1.661		18.5	20.0	-7.3	20.0
n-Butylbenzene	Ave	1.556	1.462		18.8	20.0	-6.1	20.0
1,2-Dichlorobenzene	Ave	1.447	1.436	0.4000	19.8	20.0	-0.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.544	2.476		19.5	20.0	-2.7	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1075	0.0500	23.7	20.0	18.5	50.0
1,3,5-Trichlorobenzene	Ave	1.304	1.184		18.2	20.0	-9.2	20.0
1,2,4-Trichlorobenzene	Ave	1.211	1.066	0.2000	17.6	20.0	-12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000575/2 Calibration Date: 10/09/2024 18:22

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857277.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.6614	0.4972		15.0	20.0	-24.8*	20.0
Naphthalene	Ave	1.963	2.341		23.9	20.0	19.3	50.0
1,2,3-Trichlorobenzene	Ave	1.070	1.024		19.1	20.0	-4.3	20.0
Monochloropentafluoroethane	Lin				5.00	20.0	-100.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.2343	0.2373		50.6	50.0	1.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2390	0.2736		57.2	50.0	14.4	20.0
Toluene-d8 (Surr)	Ave	1.363	1.330		48.8	50.0	-2.4	20.0
4-Bromofluorobenzene	Ave	0.4144	0.4118		49.7	50.0	-0.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Oct-2024 18:22:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0181961-002
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 18:52:56 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 19:39:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.284	1.284	0.000	59	11233	20.0	12.1	
2 1,1-Difluoroethane	65	1.302	1.302	0.000	93	23759	20.0	14.5	a
4 Dichlorodifluoromethane	85	1.314	1.314	0.000	99	63401	20.0	19.6	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	97	9034	20.0	15.9	
6 Chloromethane	50	1.491	1.491	0.000	99	66222	20.0	16.8	
7 Vinyl chloride	62	1.546	1.546	0.000	97	57829	20.0	15.3	
8 Butadiene	54	1.570	1.570	0.000	93	64894	20.0	15.9	
9 Bromomethane	94	1.814	1.814	0.000	97	47543	20.0	17.5	
10 Chloroethane	64	1.875	1.875	0.000	99	40003	20.0	18.8	
11 Dichlorofluoromethane	67	2.046	2.046	0.000	91	113320	20.0	17.3	
12 Trichlorofluoromethane	101	2.064	2.064	0.000	57	72916	20.0	17.5	
13 Pentane	72	2.064	2.064	0.000	97	19642	40.0	36.4	
14 Ethanol	46	2.228	2.228	0.000	75	8407	800.0	616.2	
25 Isopropyl alcohol	45	2.588	2.588	0.000	30	21517	200.0	58.6	a
15 Ethyl ether	74	2.241	2.241	0.000	94	35616	20.0	19.5	
16 2-Methyl-1,3-butadiene	53	2.265	2.265	0.000	96	49470	20.0	17.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.296	0.000	94	51217	20.0	18.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.344	0.000	95	84135	20.0	19.1	
19 Acrolein	56	2.399	2.399	0.000	95	17904	40.0	42.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	92	55545	20.0	18.8	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	99	57072	20.0	18.4	
22 Acetone	43	2.509	2.509	0.000	87	66484	100.0	89.3	
23 Iodomethane	142	2.570	2.570	0.000	96	100819	20.0	18.4	
24 Carbon disulfide	76	2.606	2.606	0.000	99	213574	20.0	18.6	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	91	36668	20.0	16.5	
27 Methyl acetate	43	2.728	2.728	0.000	81	70841	40.0	43.1	
28 Cyclopentene	67	2.734	2.734	0.000	92	127736	20.0	17.9	
29 Acetonitrile	41	2.771	2.771	0.000	96	48219	200.0	131.5	a
* 31 TBA-d9 (IS)	66	2.826	2.826	0.000	0	32951	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.844	0.000	91	67536	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.893	2.893	0.000	91	47331	200.0	191.4	
33 Methyl tert-butyl ether	73	2.978	2.978	0.000	97	161166	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	95	63374	20.0	17.9	
35 Acrylonitrile	53	3.076	3.076	0.000	94	195581	200.0	232.2	
36 Hexane	57	3.155	3.155	0.000	92	83539	20.0	17.7	
37 Isopropyl ether	45	3.356	3.356	0.000	91	180218	20.0	16.9	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	108395	20.0	17.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21858	40.0	34.9	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	53828	20.0	18.1	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	89	174272	20.0	18.1	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	247908	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.856	0.000	85	19509	20.0	17.1	
44 cis-1,2-Dichloroethene	96	3.874	3.874	0.000	94	68713	20.0	18.5	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	28685	100.0	98.6	
46 Ethyl acetate	70	3.893	3.893	0.000	95	11536	40.0	37.9	
47 Methyl acrylate	55	3.942	3.942	0.000	99	43448	20.0	22.9	
48 Propionitrile	54	4.009	4.009	0.000	98	66977	200.0	191.8	
50 Tetrahydrofuran	72	4.088	4.088	0.000	57	13994	40.0	42.7	
49 Chlorobromomethane	128	4.088	4.088	0.000	82	32364	20.0	19.4	
51 Methacrylonitrile	67	4.106	4.106	0.000	90	224592	200.0	242.8	
52 Chloroform	83	4.143	4.143	0.000	99	102180	20.0	18.7	
53 Cyclohexane	84	4.259	4.259	0.000	91	89977	20.0	17.9	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	90	84570	20.0	18.8	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	142023	50.0	50.6	
56 Carbon tetrachloride	117	4.393	4.393	0.000	88	66839	20.0	18.2	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	97	79277	20.0	17.9	
59 Isooctane	57	4.582	4.582	0.000	97	203949	20.0	17.6	
58 Isobutyl alcohol	43	4.533	4.533	0.000	90	38522	500.0	355.7	a
60 Benzene	78	4.612	4.612	0.000	96	249003	20.0	18.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	163746	50.0	57.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	90	27662	20.0	21.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	86	177228	20.0	20.4	
64 1,2-Dichloroethane	62	4.691	4.691	0.000	97	75273	20.0	21.2	
65 n-Heptane	100	4.758	4.758	0.000	91	14593	20.0	18.4	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	598556	50.0	50.0	
67 n-Butanol	56	5.179	5.179	0.000	86	26170	500.0	435.8	
68 Trichloroethene	95	5.228	5.228	0.000	99	60212	20.0	18.4	
69 Methylcyclohexane	83	5.350	5.350	0.000	80	103233	20.0	18.3	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	7721	20.0	19.3	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	59454	20.0	17.6	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	20730	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.588	0.000	89	27688	40.0	47.0	
75 1,4-Dioxane	88	5.612	5.612	0.000	59	10974	400.0	445.0	
74 Dibromomethane	93	5.630	5.630	0.000	97	36010	20.0	22.0	
76 n-Propyl acetate	43	5.642	5.642	0.000	98	64932	20.0	21.2	
77 Dichlorobromomethane	83	5.783	5.783	0.000	100	70158	20.0	19.1	
78 2-Nitropropane	41	6.106	6.106	0.000	82	20144	40.0	41.8	
79 2-Chloroethyl vinyl ether	63	6.112	6.112	0.000	81	31078	20.0	21.1	
80 Epichlorohydrin	57	6.215	6.215	0.000	99	94340	400.0	398.2	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	91958	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	96	94423	100.0	95.2	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	100	572114	50.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	257931	20.0	18.1	
85 trans-1,3-Dichloropropene	75	6.929	6.929	0.000	96	75733	20.0	20.1	
86 Ethyl methacrylate	69	6.971	6.971	0.000	89	68967	20.0	22.1	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	43112	20.0	20.8	
88 Tetrachloroethene	166	7.179	7.179	0.000	98	62223	20.0	18.3	
89 1,3-Dichloropropane	76	7.343	7.343	0.000	94	84142	20.0	21.4	
90 2-Hexanone	43	7.416	7.416	0.000	95	141930	100.0	92.5	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	70880	20.0	20.2	
92 Chlorodibromomethane	129	7.569	7.569	0.000	98	51190	20.0	20.7	
93 Ethylene Dibromide	107	7.715	7.715	0.000	99	48445	20.0	22.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	430026	50.0	50.0	
95 Chlorobenzene	112	8.294	8.294	0.000	95	162032	20.0	18.7	
96 Ethylbenzene	106	8.404	8.404	0.000	98	88259	20.0	17.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	95	53148	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.563	8.563	0.000	0	107241	20.0	18.2	
99 o-Xylene	106	9.081	9.081	0.000	95	107200	20.0	18.4	
100 n-Butyl acrylate	73	9.087	9.087	0.000	97	38949	20.0	19.4	
101 Styrene	104	9.117	9.117	0.000	97	179654	20.0	20.5	
102 Bromoform	173	9.367	9.367	0.000	98	30590	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	9.373	9.373	0.000	92	86902	20.0	19.7	
104 Isopropylbenzene	105	9.526	9.526	0.000	96	249598	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	91	177064	50.0	49.7	
106 Bromobenzene	156	9.892	9.892	0.000	98	68430	20.0	18.6	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	97	64558	20.0	22.5	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	325770	20.0	19.5	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	18455	20.0	22.9	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	62	5215	20.0	8.81	a
111 2-Chlorotoluene	91	10.099	10.099	0.000	96	225990	20.0	19.0	
112 4-Ethyltoluene	105	10.117	10.117	0.000	98	276527	20.0	19.6	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	94	228346	20.0	19.8	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	232063	20.0	20.0	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	74261	20.0	15.2	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	185711	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	98	241129	20.0	19.9	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	294310	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	135457	20.0	19.0	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	257627	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	236182	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.940	10.940	0.000	96	134762	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	256428	20.0	19.9	
124 Benzyl chloride	91	11.086	11.086	0.000	99	113058	20.0	22.8	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	245995	20.0	20.1	
126 p-Diethylbenzene	119	11.214	11.214	0.000	92	156908	20.0	18.5	
127 n-Butylbenzene	92	11.233	11.233	0.000	97	138128	20.0	18.8	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	135639	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	233910	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	95	10155	20.0	23.7	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	97	111895	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	100686	20.0	17.6	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	46973	20.0	15.0	
134 Naphthalene	128	12.769	12.769	0.000	99	221206	20.0	23.9	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	96741	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 137 Xylenes, Total	100				0		40.0	36.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.7	
S 140 Total BTEX	1				0		100.0	90.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2024 18:52:57 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D

Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

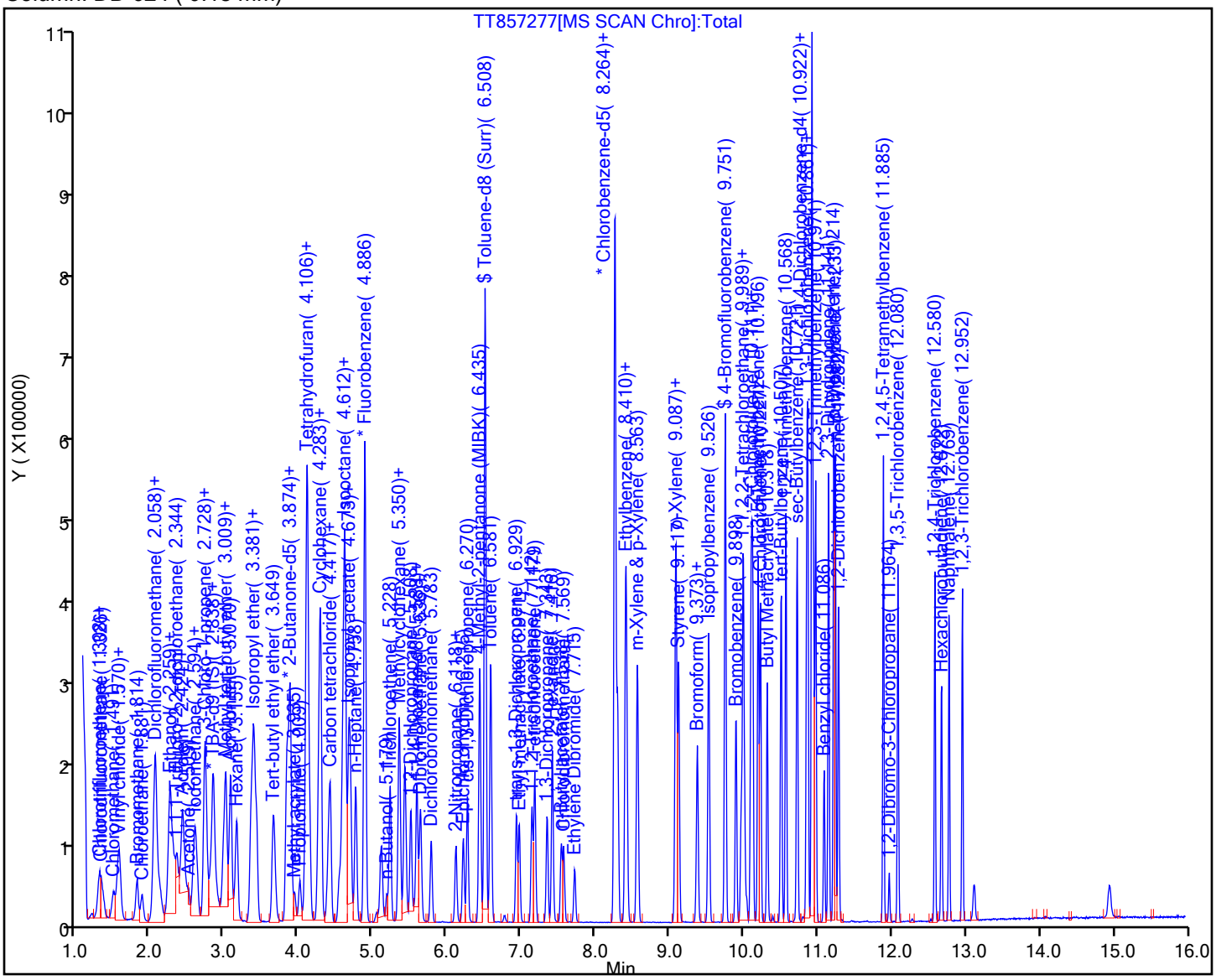
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

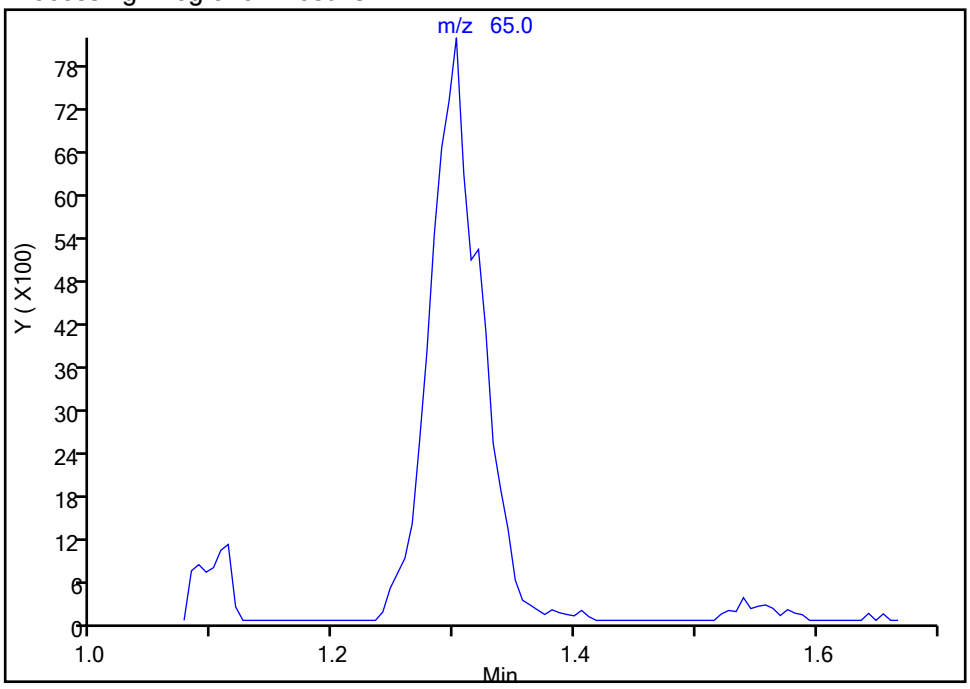
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

2 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

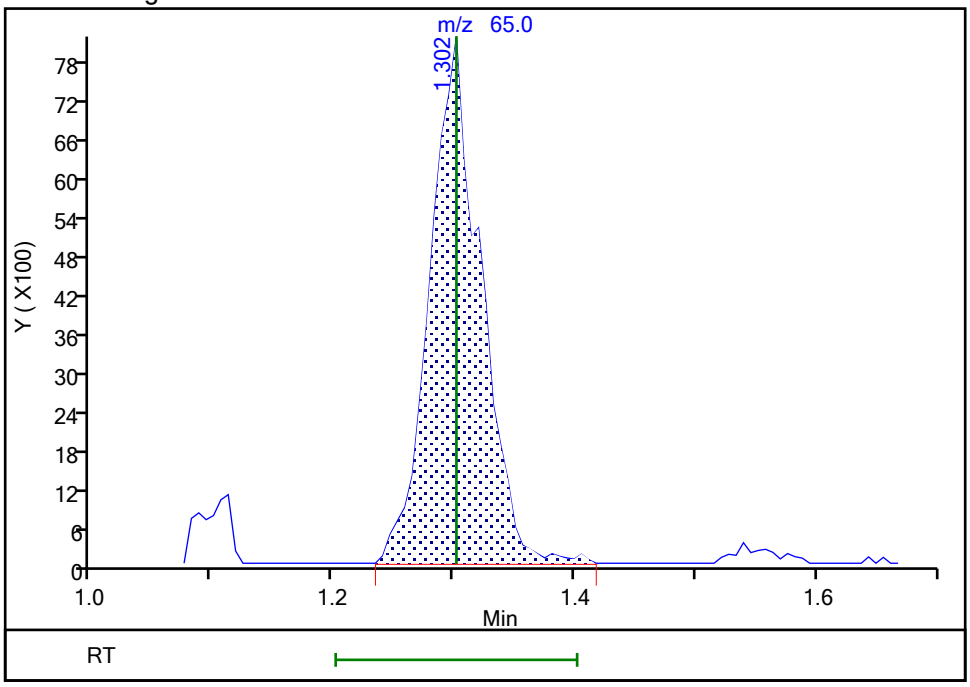
Not Detected
Expected RT: 1.30

Processing Integration Results



Manual Integration Results

RT: 1.30
Area: 23759
Amount: 14.483030
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 18:44:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

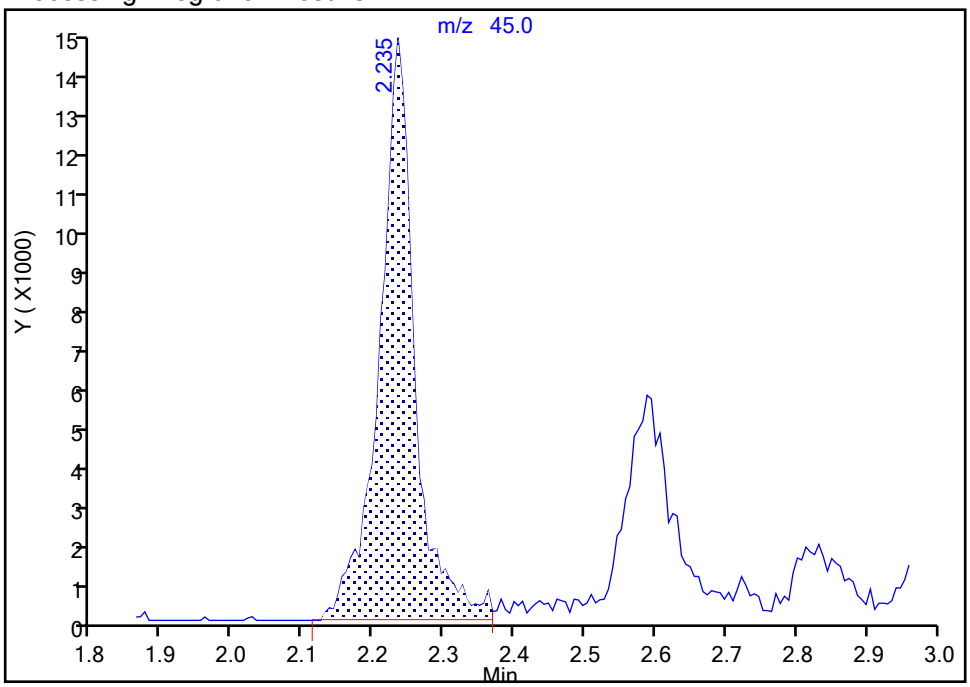
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

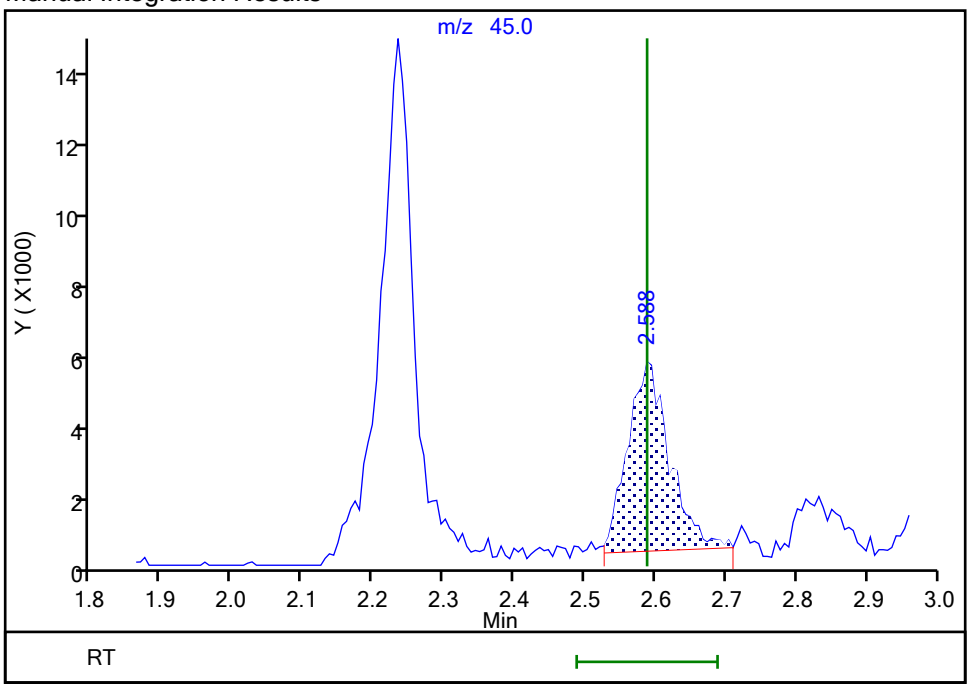
Processing Integration Results

RT: 2.23
Area: 51179
Amount: 147.6139
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 21517
Amount: 58.603626
Amount Units: ug/l



Reviewer: XE5L, 10-Oct-2024 18:52:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

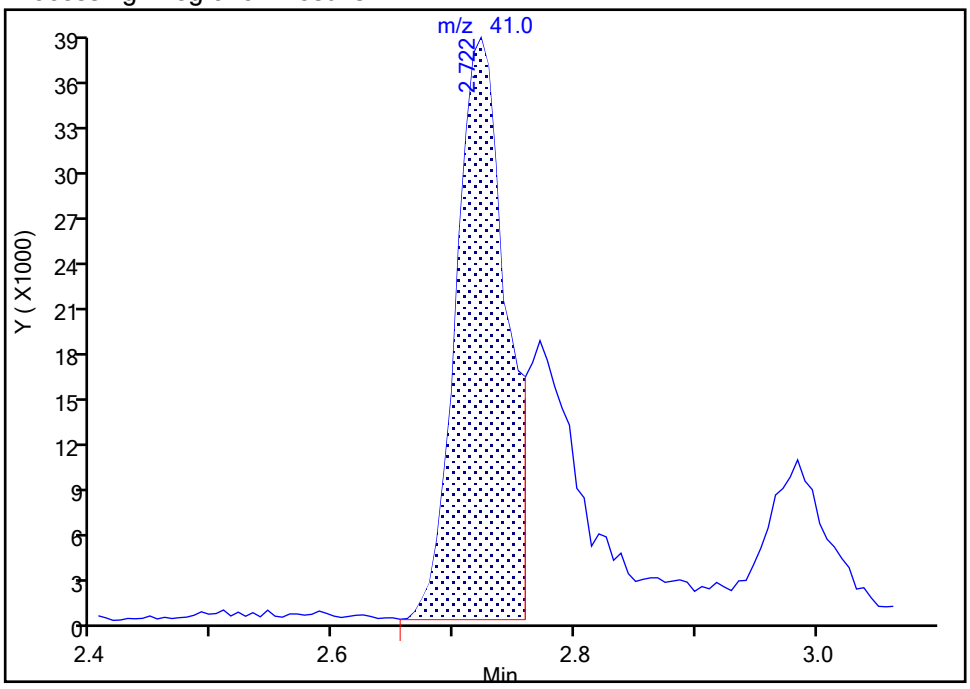
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

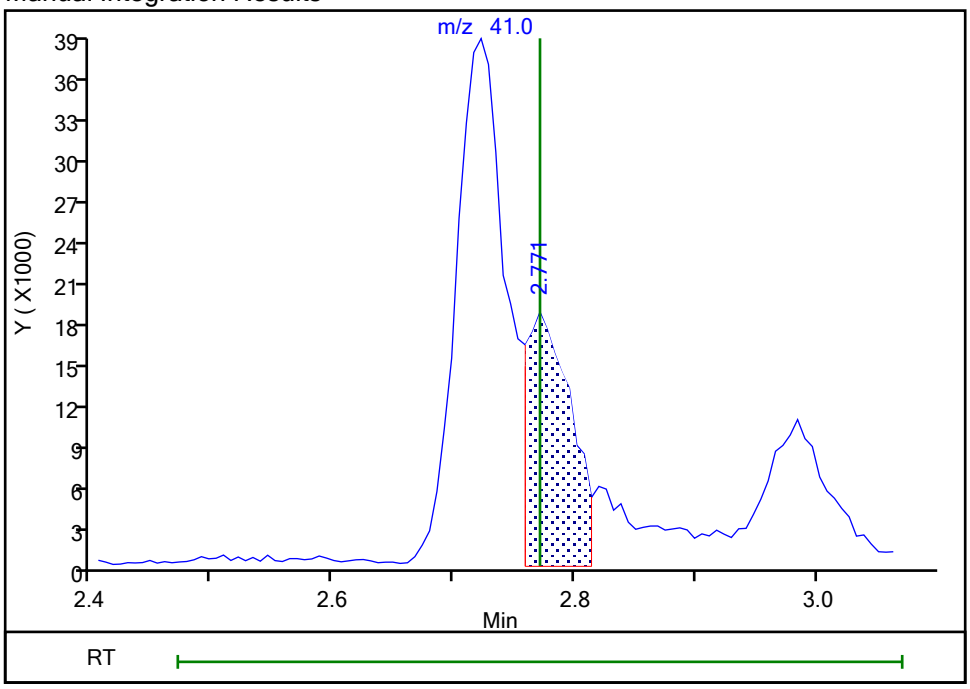
Processing Integration Results

RT: 2.72
Area: 111346
Amount: 303.7312
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 48219
Amount: 131.5325
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 18:44:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

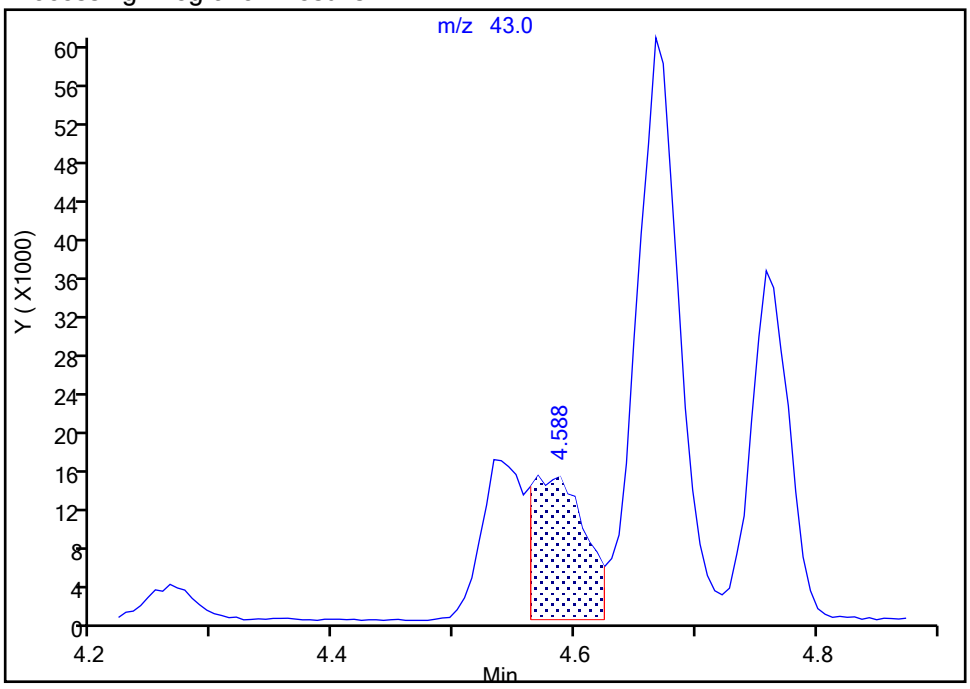
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

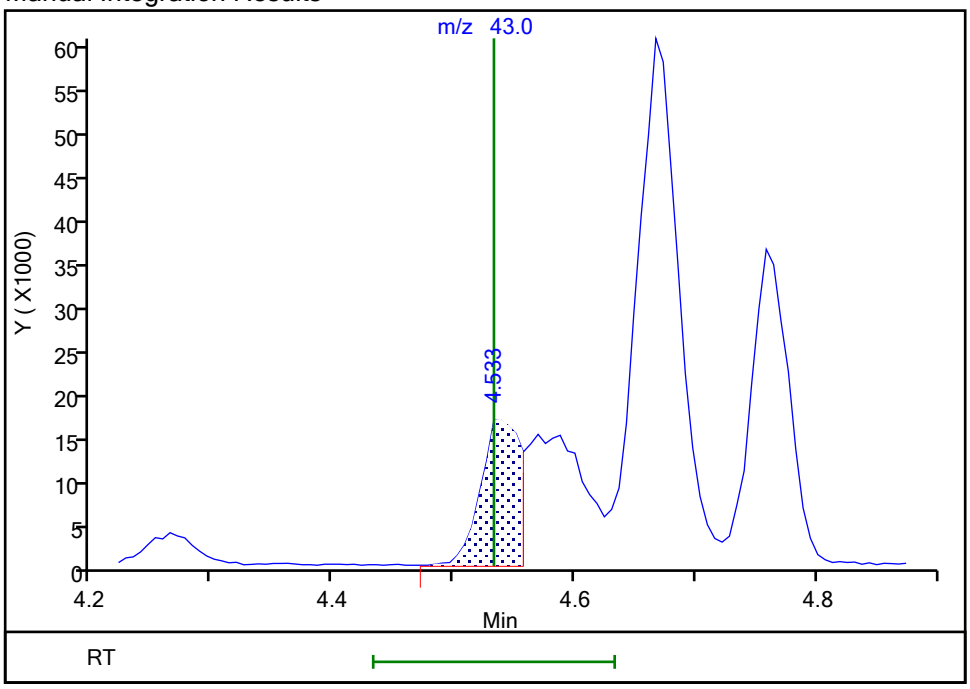
Processing Integration Results

RT: 4.59
Area: 46401
Amount: 428.4906
Amount Units: ug/l



Manual Integration Results

RT: 4.53
Area: 38522
Amount: 355.7319
Amount Units: ug/l



Reviewer: XE5L, 10-Oct-2024 18:52:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

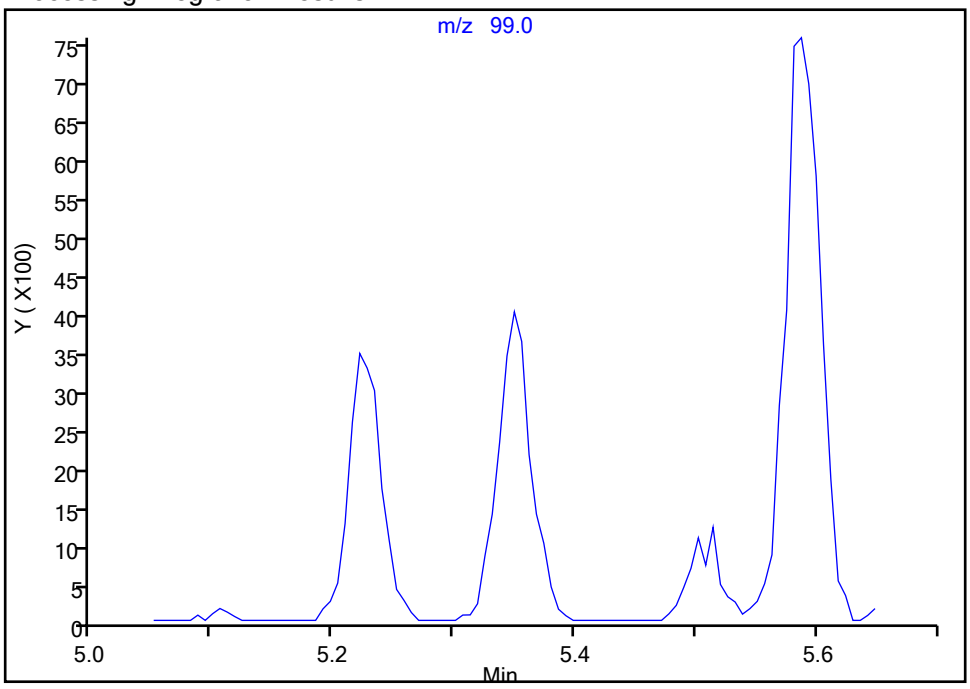
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

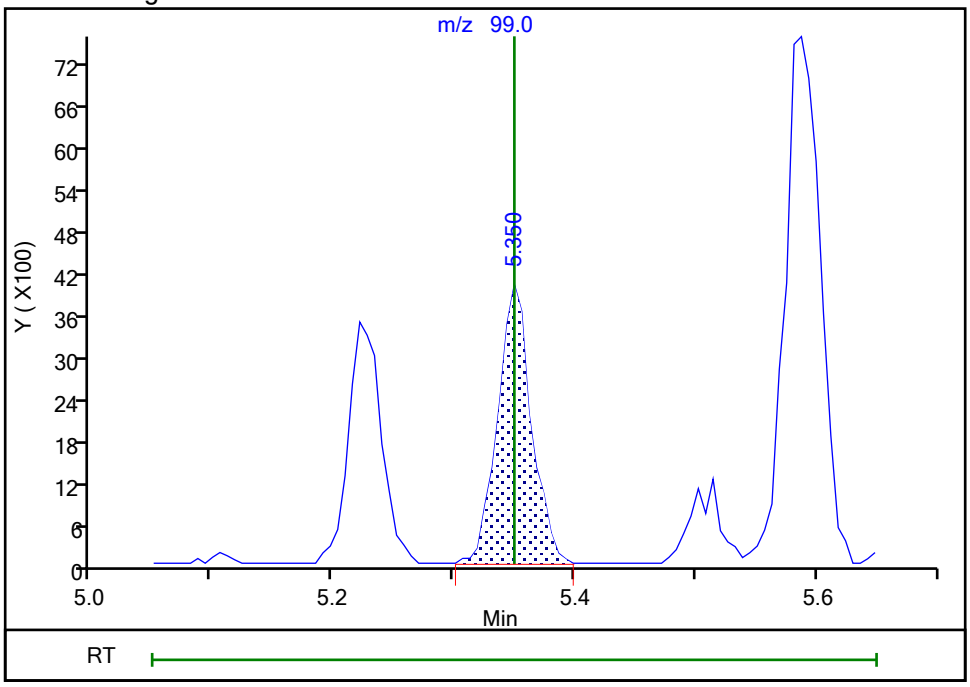
Not Detected
Expected RT: 5.35

Processing Integration Results



Manual Integration Results

RT: 5.35
Area: 7721
Amount: 19.330061
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 18:44:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

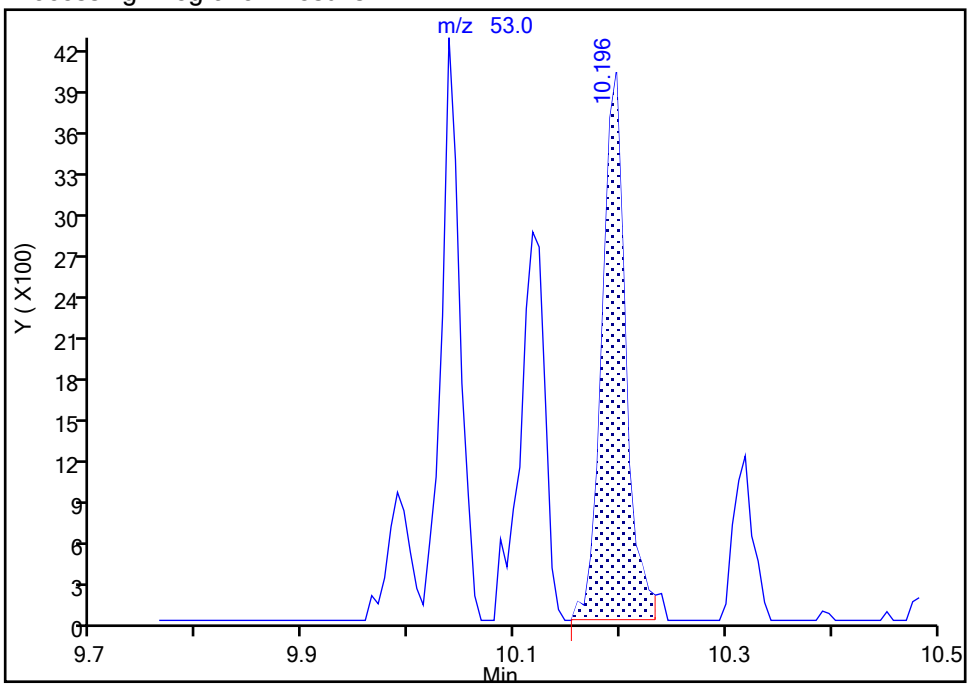
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857277.D
Injection Date: 09-Oct-2024 18:22:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

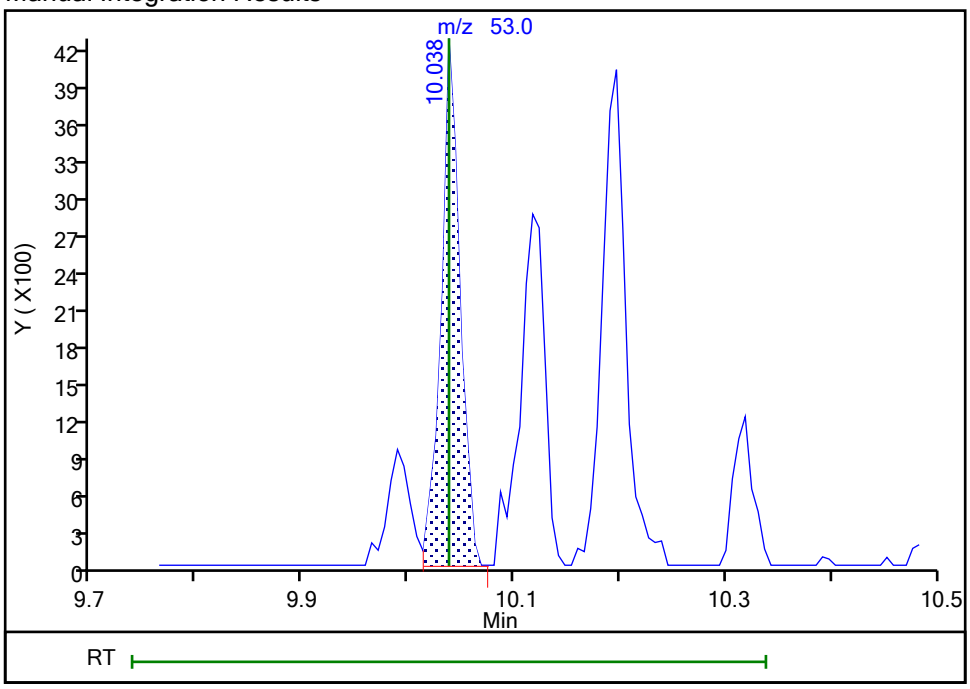
Processing Integration Results

RT: 10.20
Area: 6207
Amount: 10.479984
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 5215
Amount: 8.809373
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 18:44:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-998454/16 Calibration Date: 09/28/2024 11:56

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K64403.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	1.195	1.413		23.6	20.0	18.2	30.0
Chlorodifluoromethane	Ave	0.0884	0.0716		16.2	20.0	-19.0	30.0
Dichlorodifluoromethane	Ave	0.6389	0.5734	0.1000	17.9	20.0	-10.3	30.0
Chloromethane	Ave	0.9309	0.8793	0.1000	18.9	20.0	-5.5	30.0
Butadiene	Ave	0.6213	0.6220		20.0	20.0	0.1	30.0
Vinyl chloride	Ave	0.6854	0.6544	0.1000	19.1	20.0	-4.5	30.0
Bromomethane	Ave	0.4478	0.4316	0.1000	19.3	20.0	-3.6	30.0
Chloroethane	Ave	0.3719	0.3630	0.1000	19.5	20.0	-2.4	30.0
Dichlorofluoromethane	Ave	1.012	1.011		20.0	20.0	-0.0	30.0
Pentane	Ave	0.1060	0.0906		34.2	40.0	-14.5	30.0
Trichlorofluoromethane	Ave	0.6382	0.6105	0.1000	19.1	20.0	-4.3	30.0
Ethyl ether	Ave	0.3137	0.3059		19.5	20.0	-2.5	30.0
Ethanol	Ave	0.0512	0.0520		811	800	1.4	30.0
2-Methyl-1,3-butadiene	Ave	0.3861	0.3460		17.9	20.0	-10.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3821	0.3604		18.9	20.0	-5.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6606	0.6402		19.4	20.0	-3.1	30.0
Acrolein	Lin2		1.616		35.1	39.5	-11.2	30.0
1,1-Dichloroethene	Ave	0.3945	0.3758	0.1000	19.1	20.0	-4.7	30.0
Acetone	Ave	0.3184	0.3048	0.0500	95.7	100	-4.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4254	0.3918	0.1000	18.4	20.0	-7.9	30.0
Isopropyl alcohol	Ave	0.5322	0.5259		198	200	-1.2	30.0
Iodomethane	Ave	0.7102	0.6657		18.7	20.0	-6.3	30.0
3-Chloro-1-propene	Ave	1.845	1.704		18.5	20.0	-7.6	30.0
Carbon disulfide	Ave	1.845	1.704	0.1000	18.5	20.0	-7.6	30.0
Acetonitrile	Ave	0.8620	0.8682		201	200	0.7	30.0
Methyl acetate	Ave	6.387	6.441	0.1000	40.3	40.0	0.8	30.0
Cyclopentene	Ave	0.9580	0.7997		16.7	20.0	-16.5	30.0
Methylene Chloride	Ave	0.5103	0.4584	0.1000	18.0	20.0	-10.2	30.0
2-Methyl-2-propanol	Ave	0.9748	0.9080		186	200	-6.9	30.0
Acrylonitrile	Ave	0.1455	0.1380		190	200	-5.2	30.0
trans-1,2-Dichloroethene	Ave	0.4094	0.3705	0.1000	18.1	20.0	-9.5	30.0
Methyl tert-butyl ether	Ave	1.156	1.145	0.1000	19.8	20.0	-0.9	30.0
Hexane	Ave	0.4149	0.3924		18.9	20.0	-5.4	30.0
1,1-Dichloroethane	Ave	0.7342	0.6691	0.2000	18.2	20.0	-8.9	30.0
Vinyl acetate	Ave	0.5381	0.4693		34.9	40.0	-12.8	30.0
Isopropyl ether	Ave	1.269	1.235		19.5	20.0	-2.7	30.0
2-Chloro-1,3-butadiene	Ave	0.3283	0.3153		19.2	20.0	-4.0	30.0
Tert-butyl ethyl ether	Lin2		1.349		19.8	20.0	-1.0	30.0
cis-1,2-Dichloroethene	Ave	0.4469	0.4026	0.1000	18.0	20.0	-9.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-998454/16 Calibration Date: 09/28/2024 11:56

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K64403.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.2953	0.2785	0.0500	94.3	100	-5.7	30.0
2,2-Dichloropropane	Ave	0.1412	0.1231		17.4	20.0	-12.8	30.0
Ethyl acetate	Ave	5.346	5.078		38.0	40.0	-5.0	30.0
Propionitrile	Ave	1.216	1.243		204	200	2.2	30.0
Methyl acrylate	Ave	0.3496	0.3365		19.2	20.0	-3.8	30.0
Methacrylonitrile	Ave	0.1386	0.1355		196	200	-2.2	30.0
Chlorobromomethane	Ave	0.1986	0.1760		17.7	20.0	-11.4	30.0
Tetrahydrofuran	Ave	0.8691	0.7851		36.1	40.0	-9.7	30.0
Chloroform	Ave	0.6693	0.6140	0.2000	18.3	20.0	-8.3	30.0
1,1,1-Trichloroethane	Ave	0.5806	0.5317	0.1000	18.3	20.0	-8.4	30.0
Cyclohexane	Ave	0.6240	0.5628	0.1000	18.0	20.0	-9.8	30.0
1,1-Dichloropropene	Ave	0.4875	0.4348		17.8	20.0	-10.8	30.0
Carbon tetrachloride	Ave	0.4707	0.4216	0.1000	17.9	20.0	-10.4	30.0
Isobutyl alcohol	Ave	0.3224	0.3182		493	500	-1.3	30.0
Benzene	Ave	2.006	1.853	0.5000	18.5	20.0	-7.6	30.0
1,2-Dichloroethane	Ave	0.4577	0.4090	0.1000	17.9	20.0	-10.6	30.0
Isopropyl acetate	Ave	0.1336	0.1360		20.4	20.0	1.8	30.0
Isooctane	Ave	0.8422	0.7843		18.6	20.0	-6.9	30.0
Tert-amyl methyl ether	Ave	1.123	1.089		19.4	20.0	-3.0	30.0
n-Heptane	Ave	0.2882	0.2636		18.3	20.0	-8.5	30.0
n-Butanol	Ave	0.1725	0.1772		514	500	2.7	30.0
Trichloroethene	Ave	0.3503	0.3151	0.2000	18.0	20.0	-10.1	30.0
Ethyl acrylate	Ave	0.3232	0.2847		17.6	20.0	-11.9	30.0
1,2-Dichloropropane	Ave	0.3658	0.3505	0.1000	19.2	20.0	-4.2	30.0
Methylcyclohexane	Ave	0.5508	0.5206	0.1000	18.9	20.0	-5.5	30.0
Dibromomethane	Ave	0.2258	0.1995		17.7	20.0	-11.6	30.0
Methyl methacrylate	Ave	0.0695	0.0662		38.1	40.0	-4.8	30.0
1,4-Dioxane	Ave	1.113	1.086		390	400	-2.4	30.0
n-Propyl acetate	Ave	0.3657	0.3260		17.8	20.0	-10.9	30.0
Bromodichloromethane	Ave	0.4370	0.4068	0.2000	18.6	20.0	-6.9	30.0
2-Nitropropane	Ave	0.0620	0.0524		33.8	40.0	-15.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1867	0.1630		17.5	20.0	-12.7	30.0
Epichlorohydrin	Ave	0.2465	0.2344		19.0	20.0	-4.9	30.0
cis-1,3-Dichloropropene	Ave	0.6956	0.6060	0.2000	17.4	20.0	-12.9	30.0
methyl isobutyl ketone	Ave	2.393	2.297	0.0500	96.0	100	-4.0	30.0
Toluene	Ave	1.811	1.602	0.4000	17.7	20.0	-11.5	30.0
trans-1,3-Dichloropropene	Ave	0.5623	0.5196	0.1000	18.5	20.0	-7.6	30.0
Ethyl methacrylate	Ave	0.4563	0.4036		17.7	20.0	-11.5	30.0
1,1,2-Trichloroethane	Ave	0.2993	0.2785	0.1000	18.6	20.0	-6.9	30.0
Tetrachloroethene	Ave	0.3792	0.3385	0.2000	17.8	20.0	-10.8	30.0
1,3-Dichloropropane	Ave	0.5902	0.5598		19.0	20.0	-5.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-998454/16 Calibration Date: 09/28/2024 11:56

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K64403.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Qua2		1.280	0.0500	98.2	100	-1.8	30.0
Dibromochloromethane	Ave	0.3783	0.3389	0.1000	17.9	20.0	-10.4	30.0
n-Butyl acetate	Ave	0.5052	0.4770		18.9	20.0	-5.6	30.0
Ethylene Dibromide	Ave	0.3302	0.3128	0.1000	19.0	20.0	-5.2	30.0
Chlorobenzene	Ave	1.056	0.9481	0.5000	18.0	20.0	-10.2	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4227	0.4104		19.4	20.0	-2.9	30.0
Ethylbenzene	Ave	0.5421	0.5167	0.1000	19.1	20.0	-4.7	30.0
m-Xylene & p-Xylene	Ave	0.6613	0.6198	0.1000	18.7	20.0	-6.3	30.0
o-Xylene	Ave	0.6967	0.6479	0.3000	18.6	20.0	-7.0	30.0
Styrene	Ave	1.030	0.9803	0.3000	19.0	20.0	-4.8	30.0
n-Butyl acrylate	Ave	0.2688	0.2589		19.3	20.0	-3.7	30.0
Bromoform	Ave	0.2151	0.1952	0.1000	18.2	20.0	-9.2	30.0
Amyl acetate (mixed isomers)	QuaF		0.9905		15.0	20.0	-24.9	30.0
Isopropylbenzene	Ave	1.583	1.707	0.1000	21.6	20.0	7.8	30.0
Bromobenzene	Ave	0.7190	0.6607		18.4	20.0	-8.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8750	0.8329	0.3000	19.0	20.0	-4.8	30.0
1,2,3-Trichloropropane	Ave	0.6669	0.5912		17.7	20.0	-11.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2772	0.2367		17.1	20.0	-14.6	30.0
N-Propylbenzene	Ave	3.464	3.238		18.7	20.0	-6.5	30.0
2-Chlorotoluene	Ave	2.227	2.119		19.0	20.0	-4.9	30.0
4-Ethyltoluene	Ave	2.712	2.591		19.1	20.0	-4.5	30.0
4-Chlorotoluene	Ave	2.148	1.944		18.1	20.0	-9.5	30.0
1,3,5-Trimethylbenzene	Ave	2.610	2.454		18.8	20.0	-6.0	30.0
Butyl Methacrylate	QuaF		0.7523		14.4	20.0	-28.1	30.0
tert-Butylbenzene	QuaF		1.877		15.1	20.0	-24.5	30.0
1,2,4-Trimethylbenzene	Ave	2.683	2.536		18.9	20.0	-5.5	30.0
sec-Butylbenzene	QuaF		2.905		15.2	20.0	-24.2	30.0
1,3-Dichlorobenzene	Ave	1.369	1.311	0.6000	19.2	20.0	-4.2	30.0
1,4-Dichlorobenzene	Ave	1.463	1.324	0.5000	18.1	20.0	-9.5	30.0
4-Isopropyltoluene	Ave	2.599	2.361		18.2	20.0	-9.2	30.0
1,2,3-Trimethylbenzene	Ave	3.070	2.910		19.0	20.0	-5.2	30.0
Benzyl chloride	Ave	0.2716	0.2267		16.7	20.0	-16.5	30.0
Indan	Ave	2.734	2.630		19.2	20.0	-3.8	30.0
1,2-Dichlorobenzene	Ave	1.476	1.380	0.4000	18.7	20.0	-6.5	30.0
p-Diethylbenzene	Ave	1.439	1.373		19.1	20.0	-4.6	30.0
n-Butylbenzene	Ave	1.291	1.227		19.0	20.0	-4.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1446	0.1313	0.0500	18.2	20.0	-9.2	30.0
1,2,4,5-Tetramethylbenzene	QuaF		2.265		14.3	20.0	-28.7	30.0
1,3,5-Trichlorobenzene	Ave	1.017	0.9386		18.5	20.0	-7.7	30.0
1,2,4-Trichlorobenzene	Ave	0.9288	0.8431	0.2000	18.2	20.0	-9.2	30.0
Hexachlorobutadiene	Ave	0.2567	0.2307		18.0	20.0	-10.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: ICV 460-998454/16 Calibration Date: 09/28/2024 11:56

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K64403.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.206	1.991		18.0	20.0	-9.8	30.0
1,2,3-Trichlorobenzene	Ave	0.8017	0.7065		17.6	20.0	-11.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3547	0.3431		48.4	50.0	-3.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3990	0.3913		49.0	50.0	-1.9	30.0
Toluene-d8 (Surr)	Ave	1.633	1.640		50.2	50.0	0.4	30.0
4-Bromofluorobenzene	Ave	0.3903	0.3921		50.2	50.0	0.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Sep-2024 11:56:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0181453-016
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2024 07:25:15 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: NN6A Date: 01-Oct-2024 07:30:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.073	-0.011	54	37749	20.0	23.6	
5 Chlorodifluoromethane	67	1.096	1.096	0.000	94	16067	20.0	16.2	
3 Dichlorodifluoromethane	85	1.096	1.107	-0.011	57	128636	20.0	17.9	
6 Chloromethane	50	1.199	1.199	0.000	99	197256	20.0	18.9	
8 Butadiene	54	1.233	1.233	0.000	91	139530	20.0	20.0	
7 Vinyl chloride	62	1.256	1.256	0.000	97	146792	20.0	19.1	
9 Bromomethane	94	1.405	1.405	0.000	100	96829	20.0	19.3	
10 Chloroethane	64	1.416	1.416	0.000	99	81433	20.0	19.5	
11 Dichlorofluoromethane	67	1.519	1.530	-0.011	99	226773	20.0	20.0	
13 Pentane	57	1.542	1.542	0.000	97	40652	40.0	34.2	
12 Trichlorofluoromethane	101	1.565	1.576	-0.011	94	136945	20.0	19.1	M
15 Ethyl ether	59	1.633	1.633	0.000	91	68633	20.0	19.5	
14 Ethanol	46	1.645	1.645	0.000	82	17203	800.0	811.2	
17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	86	77611	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.679	1.679	0.000	87	80860	20.0	18.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	90	143623	20.0	19.4	
19 Acrolein	56	1.702	1.713	-0.011	47	26417	39.5	35.1	
20 1,1-Dichloroethene	96	1.770	1.782	-0.012	96	84300	20.0	19.1	
22 Acetone	58	1.770	1.782	-0.012	87	40721	100.0	95.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.805	0.000	95	87896	20.0	18.4	
24 Isopropyl alcohol	45	1.850	1.850	0.000	29	43537	200.0	197.6	
23 Iodomethane	142	1.862	1.873	-0.011	97	149331	20.0	18.7	
25 Carbon disulfide	76	1.907	1.907	0.000	99	382316	20.0	18.5	
27 3-Chloro-1-propene	76	1.907	1.907	0.000	88	382316	20.0	18.5	a
26 Acetonitrile	40	1.942	1.953	-0.011	84	71865	200.0	201.4	M
28 Methyl acetate	43	1.942	1.953	-0.011	99	106640	40.0	40.3	
29 Cyclopentene	67	2.010	2.010	0.000	89	179390	20.0	16.7	
30 Methylene Chloride	84	2.022	2.022	0.000	94	102834	20.0	18.0	
* 31 TBA-d9 (IS)	65	2.022	2.022	0.000	99	413896	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.067	2.102	-0.035	38	75160	200.0	186.3	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.148	-0.001	95	309514	200.0	189.7	
34 trans-1,2-Dichloroethene	96	2.170	2.182	-0.012	97	83112	20.0	18.1	
35 Methyl tert-butyl ether	73	2.182	2.193	-0.011	97	256934	20.0	19.8	
36 Hexane	57	2.330	2.342	-0.012	91	88018	20.0	18.9	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	100	150098	20.0	18.2	
38 Vinyl acetate	86	2.422	2.445	-0.023	100	25085	40.0	34.9	
39 Isopropyl ether	45	2.468	2.479	-0.011	89	277083	20.0	19.5	
40 2-Chloro-1,3-butadiene	88	2.479	2.490	-0.011	92	70721	20.0	19.2	
41 Tert-butyl ethyl ether	59	2.696	2.719	-0.023	87	302660	20.0	19.8	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	100	334050	250.0	250.0	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	97	37208	100.0	94.3	
45 cis-1,2-Dichloroethene	96	2.799	2.810	-0.011	97	90316	20.0	18.0	
44 2,2-Dichloropropane	97	2.810	2.822	-0.012	91	27620	20.0	17.4	M
47 Ethyl acetate	43	2.833	2.833	0.000	96	271406	40.0	38.0	
42 Propionitrile	54	2.833	2.845	-0.012	95	102931	200.0	204.5	
48 Methyl acrylate	55	2.856	2.868	-0.012	70	75482	20.0	19.2	
50 Methacrylonitrile	67	2.948	2.959	-0.011	90	303909	200.0	195.5	
49 Chlorobromomethane	128	2.970	2.970	0.000	89	39488	20.0	17.7	
51 Tetrahydrofuran	42	3.005	3.016	-0.011	29	41960	40.0	36.1	
52 Chloroform	83	3.028	3.028	0.000	99	137743	20.0	18.3	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.153	-0.011	96	192421	50.0	48.4	
54 1,1,1-Trichloroethane	97	3.188	3.199	-0.011	99	119278	20.0	18.3	
55 Cyclohexane	84	3.233	3.245	-0.012	89	126259	20.0	18.0	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	97534	20.0	17.8	
56 Carbon tetrachloride	117	3.313	3.325	-0.012	95	94575	20.0	17.9	
61 Isobutyl alcohol	43	3.370	3.382	-0.012	93	65842	500.0	493.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.416	-0.011	98	219456	50.0	49.0	
59 Benzene	78	3.462	3.473	-0.011	95	307829	20.0	18.5	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	90	91742	20.0	17.9	
63 Isopropyl acetate	61	3.519	3.519	0.000	41	30498	20.0	20.4	a
62 Isooctane	57	3.542	3.553	-0.011	99	175941	20.0	18.6	
64 Tert-amyl methyl ether	73	3.565	3.576	-0.011	92	244193	20.0	19.4	
66 n-Heptane	43	3.691	3.702	-0.012	80	59128	20.0	18.3	
* 65 Fluorobenzene	96	3.691	3.702	-0.012	99	560829	50.0	50.0	
68 n-Butanol	56	3.953	3.953	0.000	92	36673	500.0	513.7	
67 Trichloroethene	95	4.022	4.033	-0.011	97	70686	20.0	18.0	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	63878	20.0	17.6	
70 Methylcyclohexane	83	4.228	4.228	0.000	92	116796	20.0	18.9	
71 1,2-Dichloropropane	63	4.228	4.239	-0.011	89	78619	20.0	19.2	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	73	32923	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	95	44749	20.0	17.7	
75 Methyl methacrylate	100	4.353	4.365	-0.012	92	29694	40.0	38.1	
74 1,4-Dioxane	88	4.365	4.365	0.000	87	14305	400.0	390.4	
76 n-Propyl acetate	43	4.422	4.422	0.000	98	73136	20.0	17.8	
77 Dichlorobromomethane	83	4.502	4.502	0.000	99	91256	20.0	18.6	
78 2-Nitropropane	41	4.742	4.742	0.000	98	23494	40.0	33.8	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	96	36560	20.0	17.5	
80 Epichlorohydrin	57	4.879	4.891	-0.012	97	6265	20.0	19.0	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	91	100678	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	96	306991	100.0	96.0	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	680946	50.0	50.2	
84 Toluene	91	5.359	5.371	-0.012	93	266128	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.634	5.634	0.000	96	86320	20.0	18.5	
86 Ethyl methacrylate	69	5.782	5.782	0.000	90	67057	20.0	17.7	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	95	46274	20.0	18.6	
88 Tetrachloroethene	166	6.022	6.022	0.000	95	56226	20.0	17.8	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	93004	20.0	19.0	
90 2-Hexanone	43	6.205	6.205	0.000	96	171095	100.0	98.2	
91 Chlorodibromomethane	129	6.331	6.331	0.000	98	56299	20.0	17.9	
92 n-Butyl acetate	43	6.411	6.411	0.000	99	79243	20.0	18.9	
93 Ethylene Dibromide	107	6.468	6.468	0.000	99	51972	20.0	19.0	
* 94 Chlorobenzene-d5	117	7.108	7.119	-0.011	87	415317	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	93	157513	20.0	18.0	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	95	68172	20.0	19.4	
97 Ethylbenzene	106	7.337	7.337	0.000	98	85839	20.0	19.1	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	97	102963	20.0	18.7	
99 o-Xylene	106	8.091	8.091	0.000	93	107632	20.0	18.6	
100 Styrene	104	8.114	8.114	0.000	94	162857	20.0	19.0	
101 n-Butyl acrylate	73	8.148	8.148	0.000	97	43002	20.0	19.3	
102 Bromoform	173	8.342	8.342	0.000	95	32435	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	92	95295	20.0	15.0	
104 Isopropylbenzene	105	8.674	8.674	0.000	96	283603	20.0	21.6	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	89	162832	50.0	50.2	
106 Bromobenzene	156	9.074	9.074	0.000	98	63563	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	80130	20.0	19.0	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	98	56880	20.0	17.7	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	88	22776	20.0	17.1	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	311530	20.0	18.7	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	203827	20.0	19.0	
112 4-Ethyltoluene	105	9.520	9.520	0.000	99	249290	20.0	19.1	
113 4-Chlorotoluene	91	9.588	9.588	0.000	98	186986	20.0	18.1	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	92	236131	20.0	18.8	
115 Butyl Methacrylate	87	9.897	9.897	0.000	89	72379	20.0	14.4	
116 tert-Butylbenzene	119	10.148	10.148	0.000	93	180588	20.0	15.1	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	244023	20.0	18.9	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	279504	20.0	15.2	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	95	126113	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	95	240525	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	95	127362	20.0	18.1	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	227112	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	99	279975	20.0	19.0	
124 Benzyl chloride	126	10.788	10.788	0.000	98	21815	20.0	16.7	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	253031	20.0	19.2	
126 1,2-Dichlorobenzene	146	10.994	10.994	0.000	98	132809	20.0	18.7	
127 p-Diethylbenzene	119	11.017	11.017	0.000	92	132100	20.0	19.1	
128 n-Butylbenzene	92	11.028	11.040	-0.012	96	118074	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	90	12637	20.0	18.2	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	98	217913	20.0	14.3	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	96	90299	20.0	18.5	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	94	81113	20.0	18.2	
133 Hexachlorobutadiene	225	12.286	12.274	0.012	95	22197	20.0	18.0	
134 Naphthalene	128	12.308	12.297	0.011	100	191510	20.0	18.0	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	95	67972	20.0	17.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	37.3	
S 139 Total BTEX	1				0		100.0	92.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 SP_00184	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00169	Amount Added:	4.00	Units: uL	
7 Freons SS_00018	Amount Added:	20.00	Units: uL	
8260SURR250_00249	Amount Added:	1.00	Units: uL	
GAS C SP_00588	Amount Added:	20.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2024 07:30:16 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D

Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9 Operator ID:

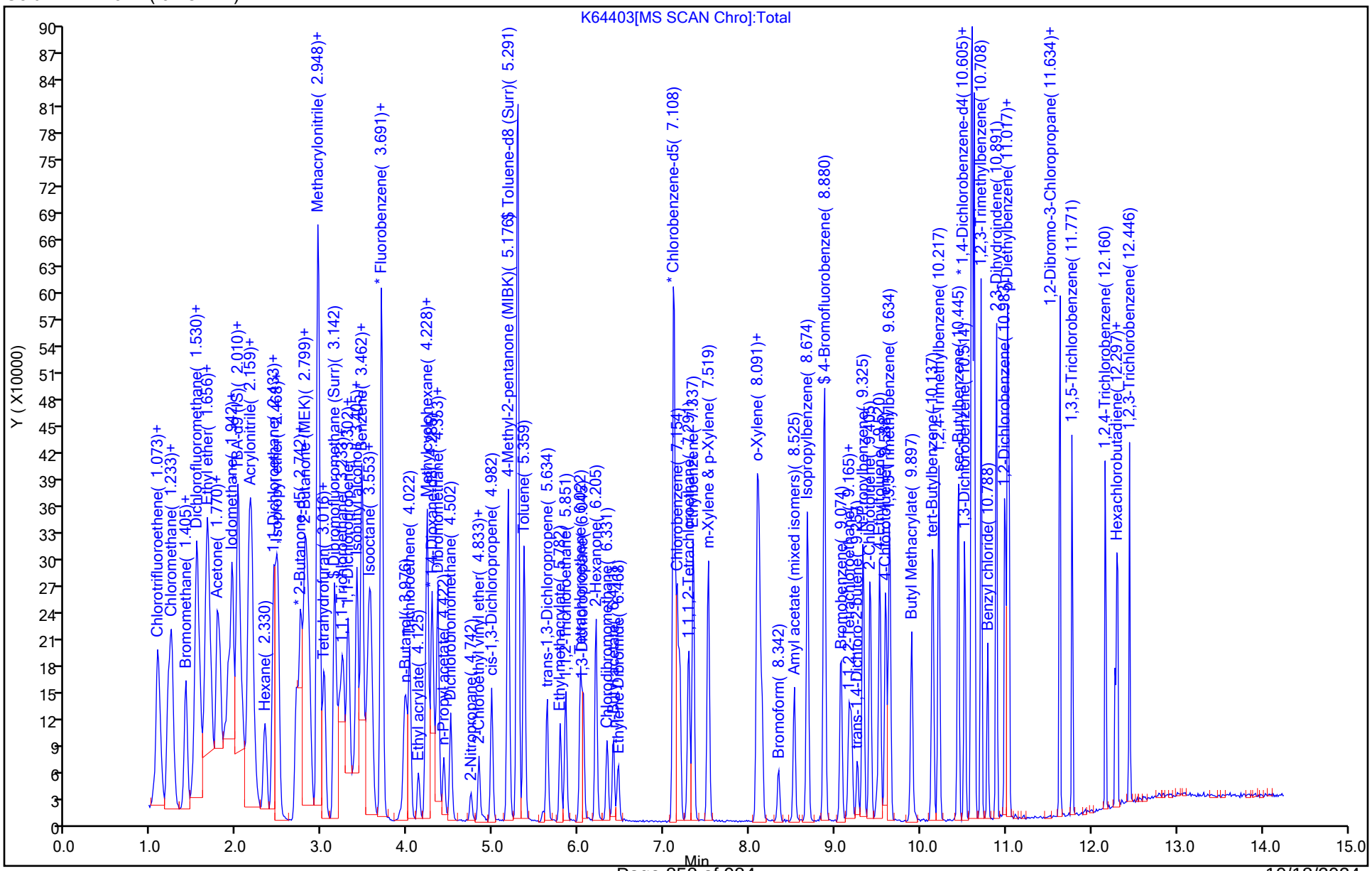
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

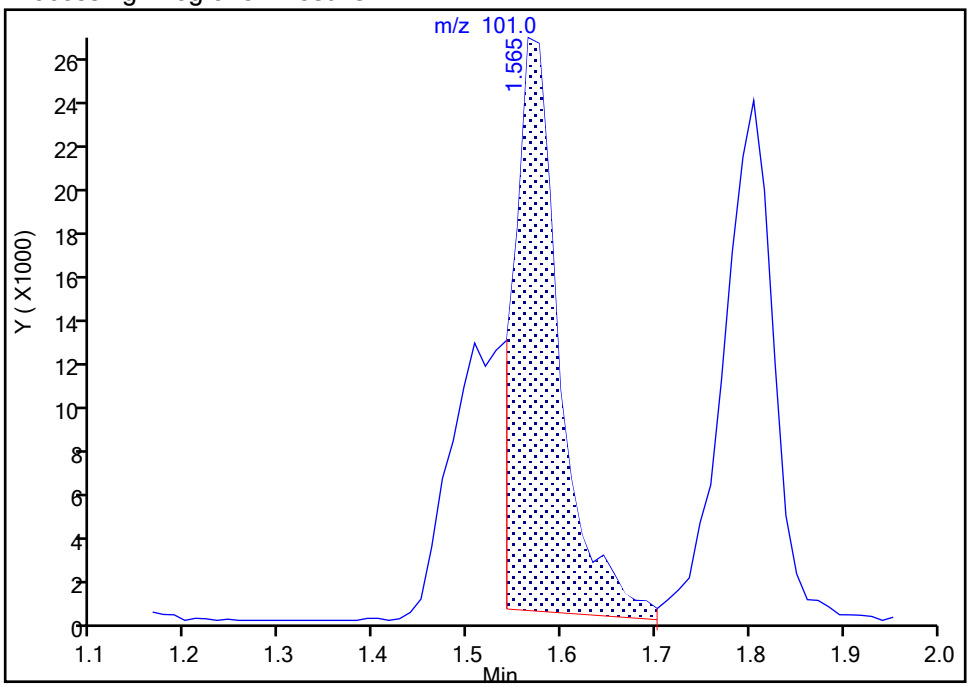
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

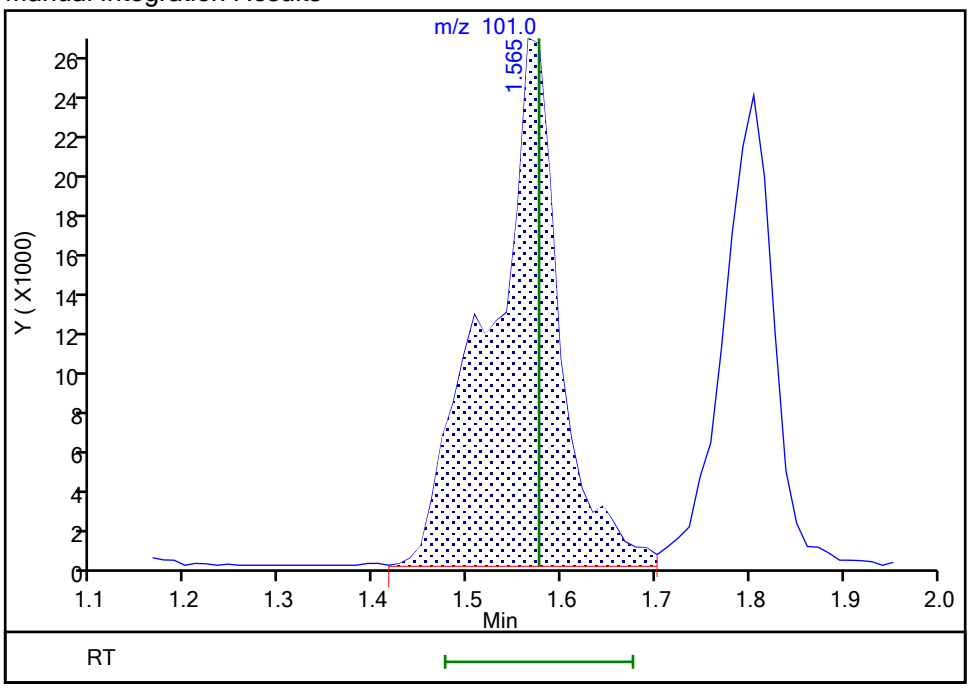
Processing Integration Results

RT: 1.56
Area: 89085
Amount: 12.444949
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 136945
Amount: 19.130870
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:17:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

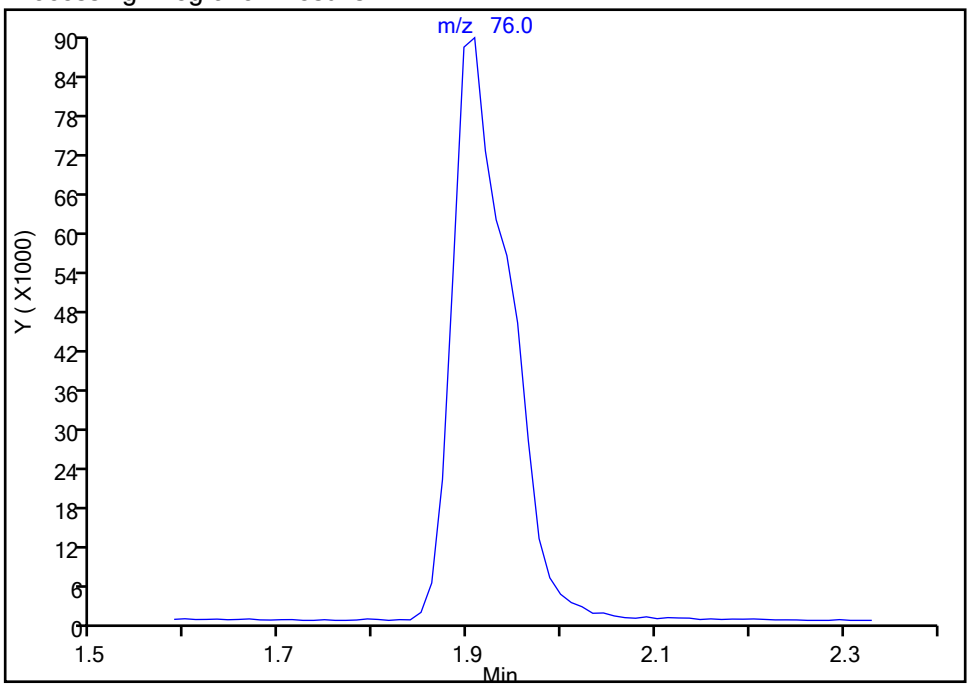
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

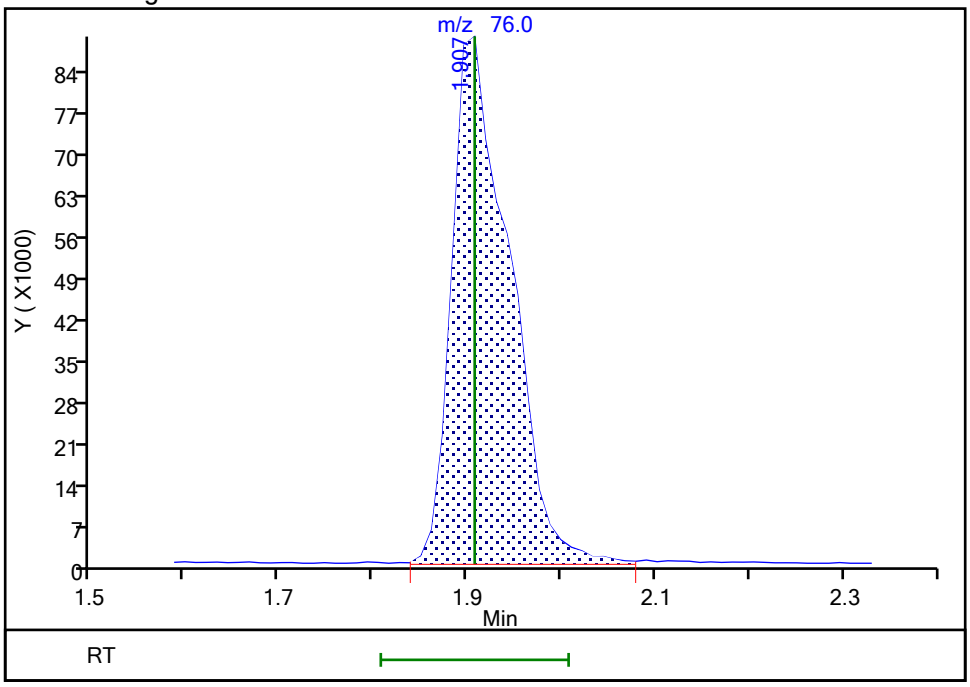
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.91
Area: 382316
Amount: 18.476934
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:17:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

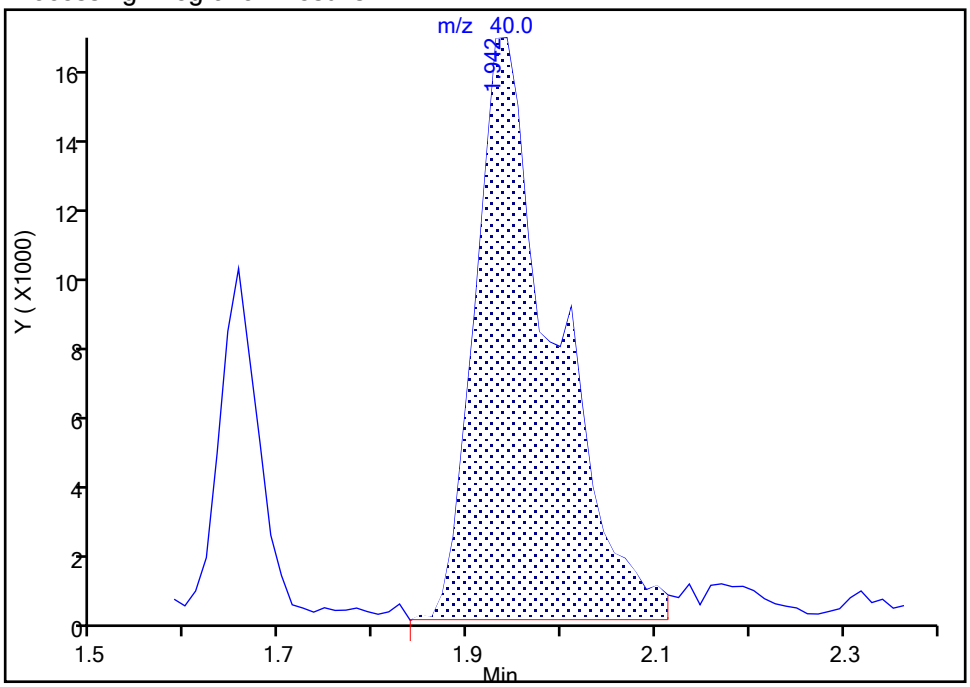
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

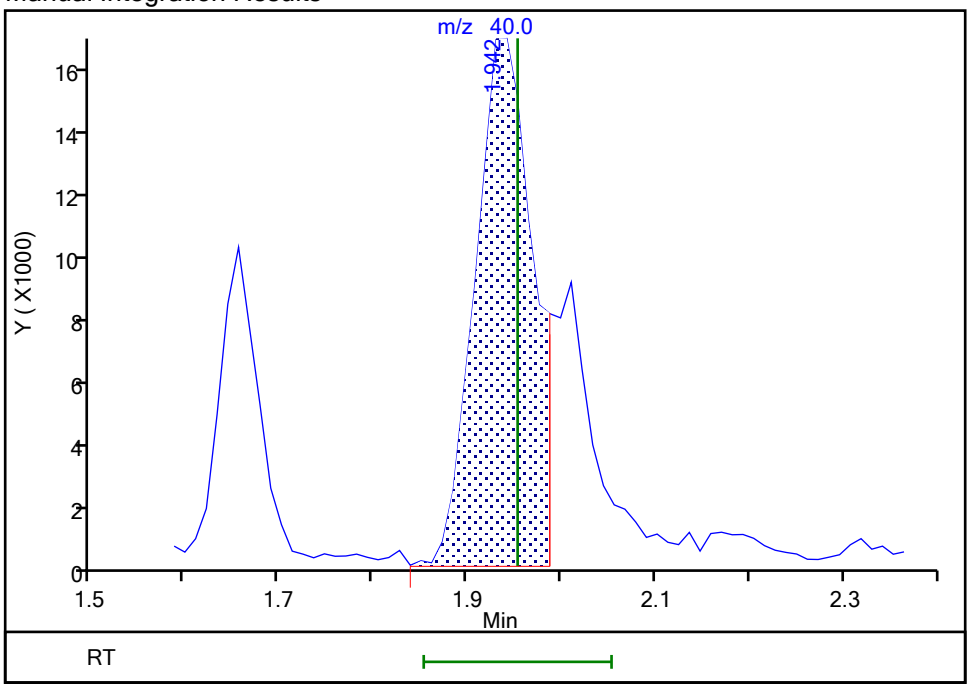
Processing Integration Results

RT: 1.94
Area: 97000
Amount: 271.8887
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 71865
Amount: 201.4359
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:17:34 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

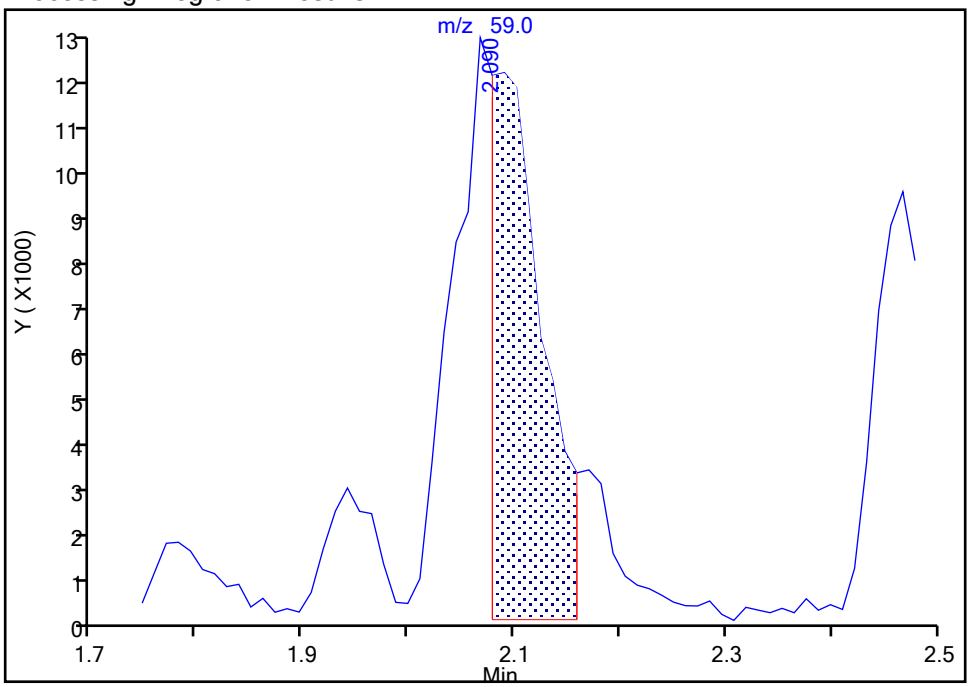
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

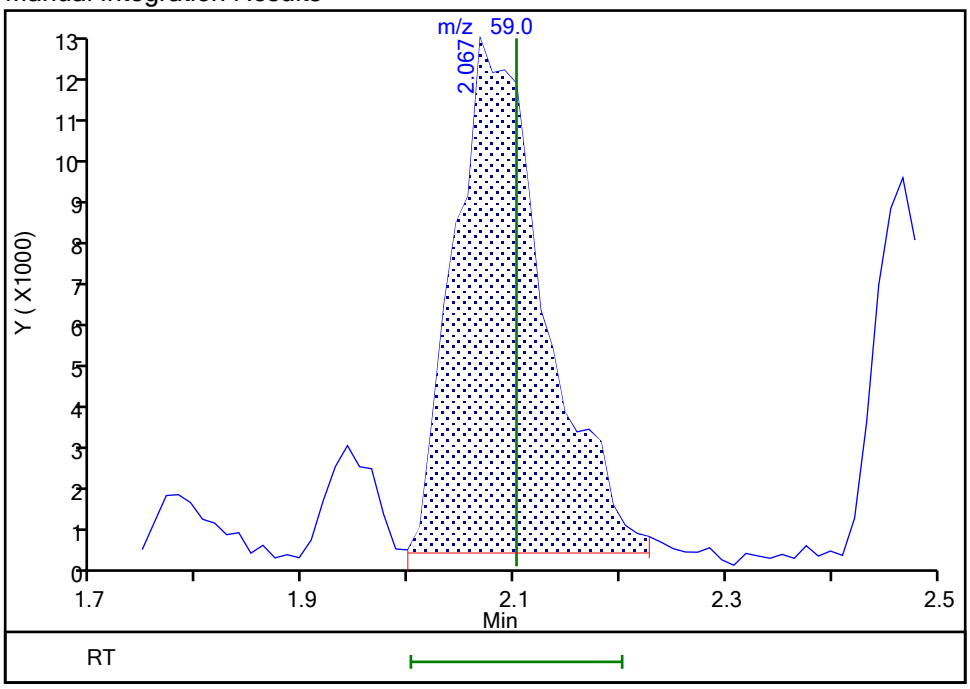
Processing Integration Results

RT: 2.09
Area: 43750
Amount: 108.4397
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 75160
Amount: 186.2931
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:17:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

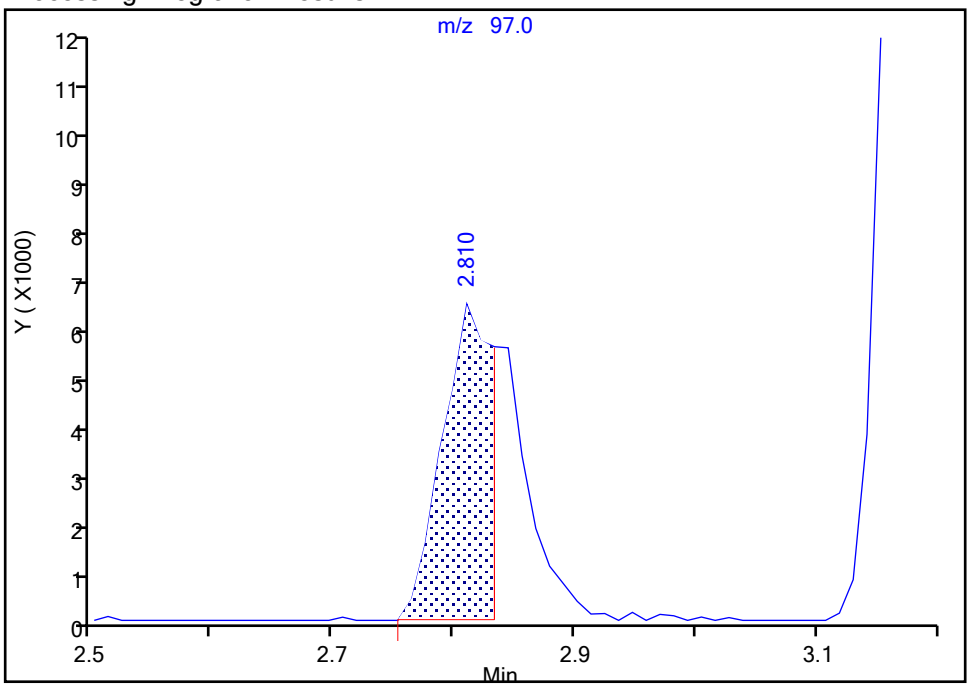
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

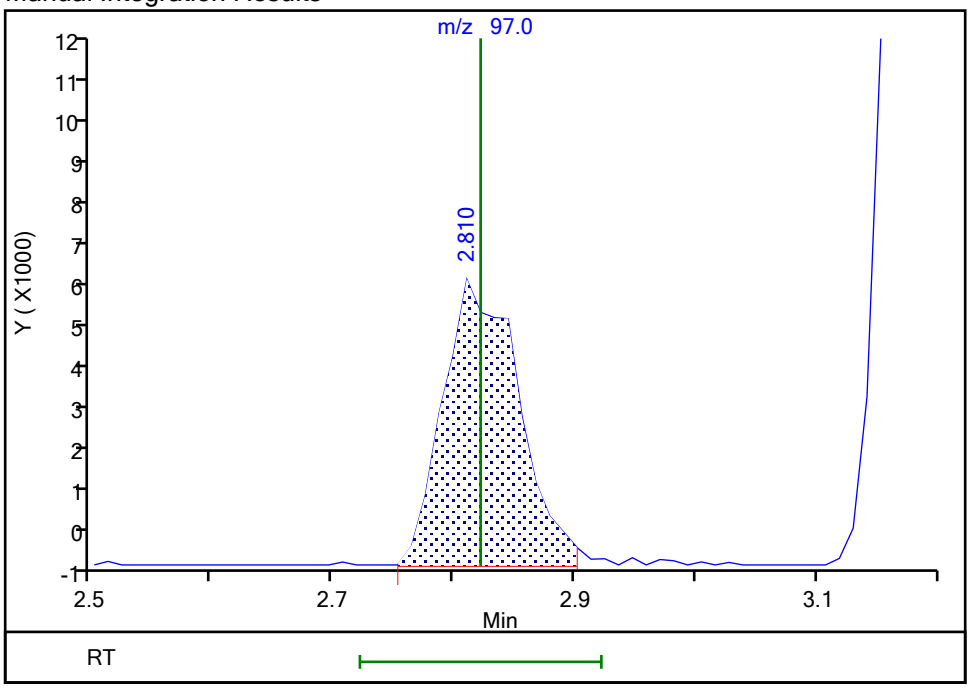
Processing Integration Results

RT: 2.81
Area: 18777
Amount: 11.853815
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 27620
Amount: 17.436352
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:17:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

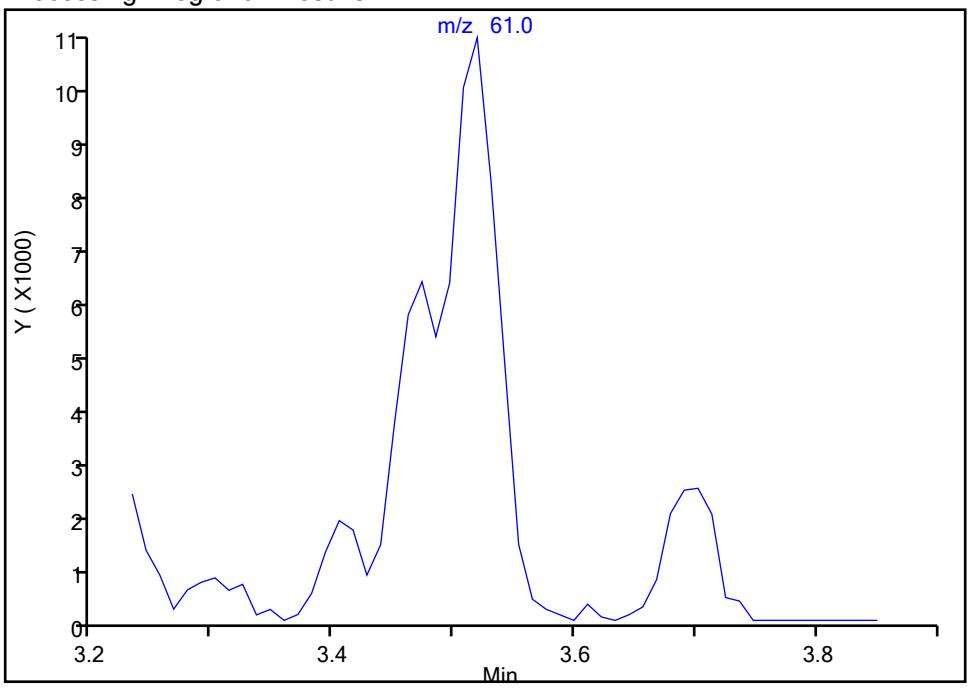
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64403.D
Injection Date: 28-Sep-2024 11:56:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

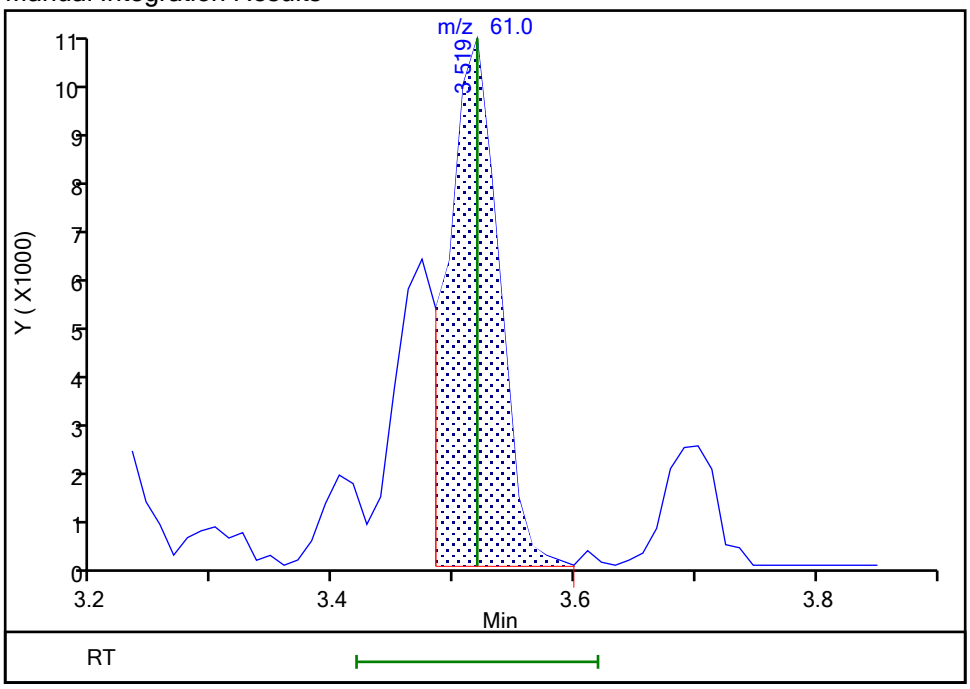
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.52
Area: 30498
Amount: 20.357306
Amount Units: ug/l



Reviewer: NN6A, 01-Oct-2024 07:18:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1001940/2 Calibration Date: 10/17/2024 08:31

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K65060.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	1.195	0.9859		16.5	20.0	-17.5	20.0
Chlorodifluoromethane	Ave	0.0884	0.0935		21.2	20.0	5.8	20.0
Dichlorodifluoromethane	Ave	0.6389	0.7065	0.1000	22.1	20.0	10.6	20.0
Chloromethane	Ave	0.9309	0.9680	0.1000	20.8	20.0	4.0	20.0
Butadiene	Ave	0.6213	0.6228		20.0	20.0	0.2	20.0
Vinyl chloride	Ave	0.6854	0.6618	0.1000	19.3	20.0	-3.4	20.0
Bromomethane	Ave	0.4478	0.4907	0.1000	21.9	20.0	9.6	50.0
Chloroethane	Ave	0.3719	0.3900	0.1000	21.0	20.0	4.9	50.0
Dichlorofluoromethane	Ave	1.012	1.094		21.6	20.0	8.2	20.0
Pentane	Ave	0.1060	0.1166		44.0	40.0	10.0	20.0
Trichlorofluoromethane	Ave	0.6382	0.7346	0.1000	23.0	20.0	15.1	20.0
Ethanol	Ave	0.0512	0.0483		754	800	-5.7	50.0
Ethyl ether	Ave	0.3137	0.3512		22.4	20.0	11.9	20.0
2-Methyl-1,3-butadiene	Ave	0.3861	0.4004		20.7	20.0	3.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3821	0.4406		23.1	20.0	15.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6606	0.7404		22.4	20.0	12.1	20.0
Acrolein	Lin2		1.356		29.3	40.0	-26.6	50.0
1,1-Dichloroethene	Ave	0.3945	0.4725	0.1000	24.0	20.0	19.8	20.0
Acetone	Ave	0.3184	0.3113	0.0500	97.8	100	-2.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4254	0.5270	0.1000	24.8	20.0	23.9*	20.0
Isopropyl alcohol	Ave	0.5322	0.4703		177	200	-11.6	50.0
Iodomethane	Ave	0.7102	0.8623		24.3	20.0	21.4*	20.0
3-Chloro-1-propene	Ave	1.845	1.286		13.9	20.0	-30.3*	20.0
Acetonitrile	Ave	0.8620	0.6857		159	200	-20.4*	20.0
Carbon disulfide	Ave	1.845	2.148	0.1000	23.3	20.0	16.4	50.0
Methyl acetate	Ave	6.387	5.395	0.1000	33.8	40.0	-15.5	20.0
Cyclopentene	Ave	0.9580	1.030		21.5	20.0	7.6	20.0
Methylene Chloride	Ave	0.5103	0.5700	0.1000	22.3	20.0	11.7	20.0
2-Methyl-2-propanol	Ave	0.9748	0.8971		184	200	-8.0	50.0
Acrylonitrile	Ave	0.1455	0.1654		227	200	13.7	20.0
trans-1,2-Dichloroethene	Ave	0.4094	0.4881	0.1000	23.8	20.0	19.2	20.0
Methyl tert-butyl ether	Ave	1.156	1.353	0.1000	23.4	20.0	17.1	20.0
Hexane	Ave	0.4149	0.4497		21.7	20.0	8.4	20.0
1,1-Dichloroethane	Ave	0.7342	0.8176	0.2000	22.3	20.0	11.4	20.0
Vinyl acetate	Ave	0.5381	0.6157		45.8	40.0	14.4	20.0
Isopropyl ether	Ave	1.269	1.348		21.2	20.0	6.2	20.0
2-Chloro-1,3-butadiene	Ave	0.3283	0.3872		23.6	20.0	17.9	20.0
Tert-butyl ethyl ether	Lin2		1.492		22.1	20.0	10.4	20.0
Ethyl acetate	Ave	5.346	4.872		36.5	40.0	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1001940/2 Calibration Date: 10/17/2024 08:31

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K65060.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.2953	0.3322	0.0500	112	100	12.5	50.0
cis-1,2-Dichloroethene	Ave	0.4469	0.4997	0.1000	22.4	20.0	11.8	20.0
2,2-Dichloropropane	Ave	0.1412	0.1668		23.6	20.0	18.1	20.0
Propionitrile	Ave	1.216	1.137		187	200	-6.5	20.0
Methyl acrylate	Ave	0.3496	0.3738		21.4	20.0	6.9	20.0
Methacrylonitrile	Ave	0.1386	0.1603		231	200	15.7	20.0
Chlorobromomethane	Ave	0.1986	0.2409		24.3	20.0	21.3*	20.0
Tetrahydrofuran	Ave	0.8691	0.8575		39.5	40.0	-1.3	20.0
Chloroform	Ave	0.6693	0.7563	0.2000	22.6	20.0	13.0	20.0
1,1,1-Trichloroethane	Ave	0.5806	0.6849	0.1000	23.6	20.0	18.0	20.0
Cyclohexane	Ave	0.6240	0.6736	0.1000	21.6	20.0	8.0	50.0
1,1-Dichloropropene	Ave	0.4875	0.5310		21.8	20.0	8.9	20.0
Carbon tetrachloride	Ave	0.4707	0.5395	0.1000	22.9	20.0	14.6	20.0
Isobutyl alcohol	Ave	0.3224	0.2784		432	500	-13.7	50.0
Benzene	Ave	2.006	1.791	0.5000	17.9	20.0	-10.7	20.0
1,2-Dichloroethane	Ave	0.4577	0.4972	0.1000	21.7	20.0	8.6	20.0
Isopropyl acetate	Ave	0.1336	0.1445		21.6	20.0	8.2	20.0
Isooctane	Ave	0.8422	0.9453		22.4	20.0	12.2	20.0
Tert-amyl methyl ether	Ave	1.123	1.274		22.7	20.0	13.5	20.0
n-Heptane	Ave	0.2882	0.2711		18.8	20.0	-5.9	20.0
n-Butanol	Ave	0.1725	0.1616		468	500	-6.3	50.0
Trichloroethene	Ave	0.3503	0.3746	0.2000	21.4	20.0	6.9	20.0
Ethyl acrylate	Ave	0.3232	0.3268		20.2	20.0	1.1	20.0
1,2-Dichloropropane	Ave	0.3658	0.3959	0.1000	21.6	20.0	8.2	20.0
Methylcyclohexane	Ave	0.5508	0.6201	0.1000	22.5	20.0	12.6	50.0
Dibromomethane	Ave	0.2258	0.2326		20.6	20.0	3.0	20.0
Methyl methacrylate	Ave	0.0695	0.0795		45.8	40.0	14.4	20.0
1,4-Dioxane	Ave	1.113	1.043		375	400	-6.3	50.0
n-Propyl acetate	Ave	0.3657	0.3712		20.3	20.0	1.5	20.0
Bromodichloromethane	Ave	0.4370	0.4762	0.2000	21.8	20.0	9.0	20.0
2-Nitropropane	Ave	0.0620	0.0555		35.8	40.0	-10.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1867	0.1767		19.0	20.0	-5.4	20.0
Epichlorohydrin	Ave	0.2465	0.2491		404	400	1.1	20.0
cis-1,3-Dichloropropene	Ave	0.6956	0.6010	0.2000	17.3	20.0	-13.6	50.0
methyl isobutyl ketone	Ave	2.393	2.262	0.0500	94.5	100	-5.5	50.0
Toluene	Ave	1.811	1.597	0.4000	17.6	20.0	-11.8	20.0
trans-1,3-Dichloropropene	Ave	0.5623	0.4835	0.1000	17.2	20.0	-14.0	50.0
Ethyl methacrylate	Ave	0.4563	0.3818		16.7	20.0	-16.3	20.0
1,1,2-Trichloroethane	Ave	0.2993	0.2800	0.1000	18.7	20.0	-6.4	20.0
Tetrachloroethene	Ave	0.3792	0.3649	0.2000	19.2	20.0	-3.8	20.0
1,3-Dichloropropane	Ave	0.5902	0.5311		18.0	20.0	-10.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1001940/2 Calibration Date: 10/17/2024 08:31

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K65060.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Qua2		1.279	0.0500	98.1	100	-1.9	50.0
Dibromochloromethane	Ave	0.3783	0.3466	0.1000	18.3	20.0	-8.4	50.0
n-Butyl acetate	Ave	0.5052	0.4238		16.8	20.0	-16.1	20.0
Ethylene Dibromide	Ave	0.3302	0.3210	0.1000	19.4	20.0	-2.8	20.0
Chlorobenzene	Ave	1.056	0.9683	0.5000	18.3	20.0	-8.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4227	0.3841		18.2	20.0	-9.1	20.0
Ethylbenzene	Ave	0.5421	0.5217	0.1000	19.2	20.0	-3.8	20.0
m-Xylene & p-Xylene	Ave	0.6613	0.6178	0.1000	18.7	20.0	-6.6	20.0
o-Xylene	Ave	0.6967	0.6308	0.3000	18.1	20.0	-9.5	20.0
Styrene	Ave	1.030	0.9946	0.3000	19.3	20.0	-3.4	20.0
n-Butyl acrylate	Ave	0.2688	0.2405		17.9	20.0	-10.5	20.0
Bromoform	Ave	0.2151	0.2168	0.1000	20.2	20.0	0.8	20.0
Amyl acetate (mixed isomers)	QuaF		0.8268		12.5	20.0	-37.3*	20.0
Isopropylbenzene	Ave	1.583	1.537	0.1000	19.4	20.0	-2.9	20.0
Bromobenzene	Ave	0.7190	0.6474		18.0	20.0	-10.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8750	0.7712	0.3000	17.6	20.0	-11.9	20.0
1,2,3-Trichloropropane	Ave	0.6669	0.5490		16.5	20.0	-17.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2772	0.2296		16.6	20.0	-17.2	20.0
N-Propylbenzene	Ave	3.464	2.938		17.0	20.0	-15.2	20.0
2-Chlorotoluene	Ave	2.227	1.878		16.9	20.0	-15.6	20.0
4-Ethyltoluene	Ave	2.712	2.353		17.4	20.0	-13.2	20.0
4-Chlorotoluene	Ave	2.148	1.901		17.7	20.0	-11.5	20.0
1,3,5-Trimethylbenzene	Ave	2.610	2.171		16.6	20.0	-16.8	20.0
Butyl Methacrylate	QuaF		0.6926		13.2	20.0	-33.8*	20.0
tert-Butylbenzene	QuaF		1.597		12.9	20.0	-35.7*	20.0
1,2,4-Trimethylbenzene	Ave	2.683	2.206		16.4	20.0	-17.8	20.0
sec-Butylbenzene	QuaF		2.488		13.0	20.0	-35.1*	20.0
1,3-Dichlorobenzene	Ave	1.369	1.262	0.6000	18.4	20.0	-7.8	20.0
1,4-Dichlorobenzene	Ave	1.463	1.318	0.5000	18.0	20.0	-9.9	20.0
4-Isopropyltoluene	Ave	2.599	2.248		17.3	20.0	-13.5	20.0
1,2,3-Trimethylbenzene	Ave	3.070	2.611		17.0	20.0	-14.9	20.0
Benzyl chloride	Ave	0.2716	0.2758		20.3	20.0	1.5	50.0
Indan	Ave	2.734	2.395		17.5	20.0	-12.4	20.0
1,2-Dichlorobenzene	Ave	1.476	1.302	0.4000	17.6	20.0	-11.8	20.0
p-Diethylbenzene	Ave	1.439	1.263		17.6	20.0	-12.2	20.0
n-Butylbenzene	Ave	1.291	1.109		17.2	20.0	-14.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1446	0.1356	0.0500	18.8	20.0	-6.2	50.0
1,2,4,5-Tetramethylbenzene	QuaF		1.857		11.7	20.0	-41.6*	20.0
1,3,5-Trichlorobenzene	Ave	1.017	0.9077		17.8	20.0	-10.8	20.0
1,2,4-Trichlorobenzene	Ave	0.9288	0.7952	0.2000	17.1	20.0	-14.4	20.0
Hexachlorobutadiene	Ave	0.2567	0.2293		17.9	20.0	-10.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1001940/2 Calibration Date: 10/17/2024 08:31

Instrument ID: CVOAMS9 Calib Start Date: 09/28/2024 05:13

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/28/2024 09:06

Lab File ID: K65060.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.206	1.971		17.9	20.0	-10.7	50.0
1,2,3-Trichlorobenzene	Ave	0.8017	0.6951		17.3	20.0	-13.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3547	0.3478		49.0	50.0	-1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3990	0.3488		43.7	50.0	-12.6	20.0
Toluene-d8 (Surr)	Ave	1.633	1.307		40.0	50.0	-20.0	20.0
4-Bromofluorobenzene	Ave	0.3903	0.4472		57.3	50.0	14.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2024 08:31:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0182275-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:48:21 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: RD6L Date: 17-Oct-2024 09:22:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.073	0.000	52	24398	20.0	16.5	
5 Chlorodifluoromethane	67	1.096	1.096	0.000	94	17848	20.0	21.2	
3 Dichlorodifluoromethane	85	1.107	1.107	0.000	65	134800	20.0	22.1	
6 Chloromethane	50	1.199	1.199	0.000	98	184696	20.0	20.8	
8 Butadiene	54	1.245	1.245	0.000	93	118837	20.0	20.0	
7 Vinyl chloride	62	1.256	1.256	0.000	83	126285	20.0	19.3	
9 Bromomethane	94	1.416	1.416	0.000	99	93632	20.0	21.9	
10 Chloroethane	64	1.416	1.416	0.000	74	74425	20.0	21.0	
11 Dichlorofluoromethane	67	1.542	1.542	0.000	98	208806	20.0	21.6	
13 Pentane	57	1.542	1.542	0.000	97	44498	40.0	44.0	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	97	140179	20.0	23.0	M
14 Ethanol	46	1.633	1.633	0.000	80	17770	800.0	754.1	
15 Ethyl ether	59	1.645	1.645	0.000	89	67007	20.0	22.4	
17 2-Methyl-1,3-butadiene	53	1.667	1.667	0.000	82	76400	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.690	1.690	0.000	83	84074	20.0	23.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.713	1.713	0.000	95	141267	20.0	22.4	
19 Acrolein	56	1.713	1.713	0.000	44	24947	40.0	29.3	
20 1,1-Dichloroethene	96	1.782	1.782	0.000	98	90151	20.0	24.0	
22 Acetone	58	1.782	1.782	0.000	67	38517	100.0	97.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.816	1.816	0.000	94	100557	20.0	24.8	
24 Isopropyl alcohol	45	1.850	1.850	0.000	30	43263	200.0	176.7	
23 Iodomethane	142	1.873	1.873	0.000	96	164544	20.0	24.3	
25 Carbon disulfide	76	1.953	1.953	0.000	98	409772	20.0	23.3	M
27 3-Chloro-1-propene	76	1.953	1.953	0.000	94	245364	20.0	13.9	
26 Acetonitrile	40	1.953	1.953	0.000	80	63076	200.0	159.1	M
28 Methyl acetate	43	1.953	1.953	0.000	65	99255	40.0	33.8	
29 Cyclopentene	67	2.010	2.010	0.000	89	196624	20.0	21.5	
30 Methylene Chloride	84	2.022	2.022	0.000	90	108771	20.0	22.3	
* 31 TBA-d9 (IS)	65	2.045	2.045	0.000	98	459924	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.090	2.090	0.000	91	82518	200.0	184.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.147	2.147	0.000	96	315663	200.0	227.4	
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	95	93132	20.0	23.8	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	88	258097	20.0	23.4	
36 Hexane	57	2.330	2.330	0.000	90	85808	20.0	21.7	
37 1,1-Dichloroethane	63	2.433	2.433	0.000	100	156014	20.0	22.3	
38 Vinyl acetate	86	2.433	2.433	0.000	100	30473	40.0	45.8	
39 Isopropyl ether	45	2.468	2.468	0.000	86	257256	20.0	21.2	
40 2-Chloro-1,3-butadiene	88	2.490	2.490	0.000	88	73878	20.0	23.6	
41 Tert-butyl ethyl ether	59	2.708	2.708	0.000	88	284651	20.0	22.1	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	98	309332	250.0	250.0	
47 Ethyl acetate	43	2.799	2.799	0.000	99	241116	40.0	36.5	a
46 2-Butanone (MEK)	72	2.799	2.799	0.000	89	41103	100.0	112.5	
45 cis-1,2-Dichloroethene	96	2.810	2.810	0.000	98	95357	20.0	22.4	
44 2,2-Dichloropropane	97	2.822	2.822	0.000	75	31833	20.0	23.6	
42 Propionitrile	54	2.833	2.833	0.000	86	104571	200.0	187.0	
48 Methyl acrylate	55	2.868	2.868	0.000	98	71320	20.0	21.4	
50 Methacrylonitrile	67	2.948	2.948	0.000	88	305942	200.0	231.4	
49 Chlorobromomethane	128	2.970	2.970	0.000	80	45971	20.0	24.3	
51 Tetrahydrofuran	42	3.016	3.016	0.000	78	42441	40.0	39.5	
52 Chloroform	83	3.028	3.028	0.000	98	144309	20.0	22.6	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	96	165930	50.0	49.0	
54 1,1,1-Trichloroethane	97	3.188	3.188	0.000	97	130687	20.0	23.6	
55 Cyclohexane	84	3.245	3.245	0.000	89	128532	20.0	21.6	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	101319	20.0	21.8	
56 Carbon tetrachloride	117	3.325	3.325	0.000	97	102943	20.0	22.9	
61 Isobutyl alcohol	43	3.370	3.370	0.000	95	64019	500.0	431.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	166394	50.0	43.7	
59 Benzene	78	3.462	3.462	0.000	94	321352	20.0	17.9	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	90	94875	20.0	21.7	
63 Isopropyl acetate	61	3.519	3.519	0.000	97	27570	20.0	21.6	
62 Isooctane	57	3.553	3.553	0.000	99	180372	20.0	22.4	
64 Tert-amyl methyl ether	73	3.576	3.576	0.000	93	243032	20.0	22.7	
* 65 Fluorobenzene	96	3.690	3.690	0.000	98	477027	50.0	50.0	
66 n-Heptane	43	3.702	3.702	0.000	43	51732	20.0	18.8	
68 n-Butanol	56	3.953	3.953	0.000	93	37162	500.0	468.4	
67 Trichloroethene	95	4.022	4.022	0.000	98	71472	20.0	21.4	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	62351	20.0	20.2	
70 Methylcyclohexane	83	4.228	4.228	0.000	95	118324	20.0	22.5	
71 1,2-Dichloropropane	63	4.228	4.228	0.000	95	75551	20.0	21.6	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	78	38878	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	97	44389	20.0	20.6	
75 Methyl methacrylate	100	4.353	4.353	0.000	86	30350	40.0	45.8	
74 1,4-Dioxane	88	4.365	4.365	0.000	31	16214	400.0	374.7	
76 n-Propyl acetate	43	4.422	4.422	0.000	98	70834	20.0	20.3	
77 Dichlorobromomethane	83	4.502	4.502	0.000	97	90864	20.0	21.8	
78 2-Nitropropane	41	4.742	4.742	0.000	98	21188	40.0	35.8	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	95	33793	20.0	19.0	
80 Epichlorohydrin	57	4.879	4.879	0.000	99	123298	400.0	404.3	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	89	107799	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	95	279891	100.0	94.5	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	585908	50.0	40.0	
84 Toluene	91	5.359	5.359	0.000	93	286527	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.634	5.634	0.000	95	86723	20.0	17.2	
86 Ethyl methacrylate	69	5.782	5.782	0.000	89	68487	20.0	16.7	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	97	50220	20.0	18.7	
88 Tetrachloroethene	166	6.022	6.022	0.000	97	65458	20.0	19.2	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	93	95262	20.0	18.0	
90 2-Hexanone	43	6.205	6.205	0.000	94	158234	100.0	98.1	
91 Chlorodibromomethane	129	6.331	6.331	0.000	97	62168	20.0	18.3	
92 n-Butyl acetate	43	6.411	6.411	0.000	98	76016	20.0	16.8	
93 Ethylene Dibromide	107	6.468	6.468	0.000	99	57575	20.0	19.4	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	84	448451	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	94	173689	20.0	18.3	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	97	68899	20.0	18.2	
97 Ethylbenzene	106	7.337	7.337	0.000	98	93584	20.0	19.2	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	96	110826	20.0	18.7	
99 o-Xylene	106	8.091	8.091	0.000	94	113154	20.0	18.1	
100 Styrene	104	8.114	8.114	0.000	97	178412	20.0	19.3	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	43142	20.0	17.9	
102 Bromoform	173	8.342	8.342	0.000	95	38891	20.0	20.2	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	92	93805	20.0	12.5	
104 Isopropylbenzene	105	8.674	8.674	0.000	95	275637	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	92	200530	50.0	57.3	
106 Bromobenzene	156	9.074	9.074	0.000	97	73446	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	87490	20.0	17.6	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	99	62284	20.0	16.5	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	94	26050	20.0	16.6	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	333368	20.0	17.0	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	213100	20.0	16.9	
112 4-Ethyltoluene	105	9.520	9.520	0.000	99	267004	20.0	17.4	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	215687	20.0	17.7	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	93	246258	20.0	16.6	
115 Butyl Methacrylate	87	9.897	9.897	0.000	87	78578	20.0	13.2	
116 tert-Butylbenzene	119	10.137	10.137	0.000	94	181230	20.0	12.9	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	250263	20.0	16.4	
118 sec-Butylbenzene	105	10.445	10.445	0.000	99	282216	20.0	13.0	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	98	143121	20.0	18.4	
* 120 1,4-Dichlorobenzene-d4	152	10.605	10.605	0.000	93	283627	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	96	149495	20.0	18.0	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	255035	20.0	17.3	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	98	296247	20.0	17.0	
124 Benzyl chloride	126	10.788	10.788	0.000	99	31285	20.0	20.3	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	95	271709	20.0	17.5	
126 1,2-Dichlorobenzene	146	10.983	10.983	0.000	97	147721	20.0	17.6	
127 p-Diethylbenzene	119	11.017	11.017	0.000	93	143333	20.0	17.6	
128 n-Butylbenzene	92	11.028	11.028	0.000	97	125813	20.0	17.2	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	94	15385	20.0	18.8	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	99	210692	20.0	11.7	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	97	102981	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	12.171	12.171	0.000	94	90215	20.0	17.1	
133 Hexachlorobutadiene	225	12.286	12.286	0.000	97	26012	20.0	17.9	
134 Naphthalene	128	12.308	12.308	0.000	99	223570	20.0	17.9	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	96	78857	20.0	17.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	46.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	36.8	
S 139 Total BTEX	1				0		100.0	91.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
524FREONS_00025	Amount Added:	20.00	Units: uL	
GASES Li_00607	Amount Added:	20.00	Units: uL	
8260ISNEW_00207	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00251	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2024 14:48:22 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D

Injection Date: 17-Oct-2024 08:31:30 Instrument ID: CVOAMS9 Operator ID:

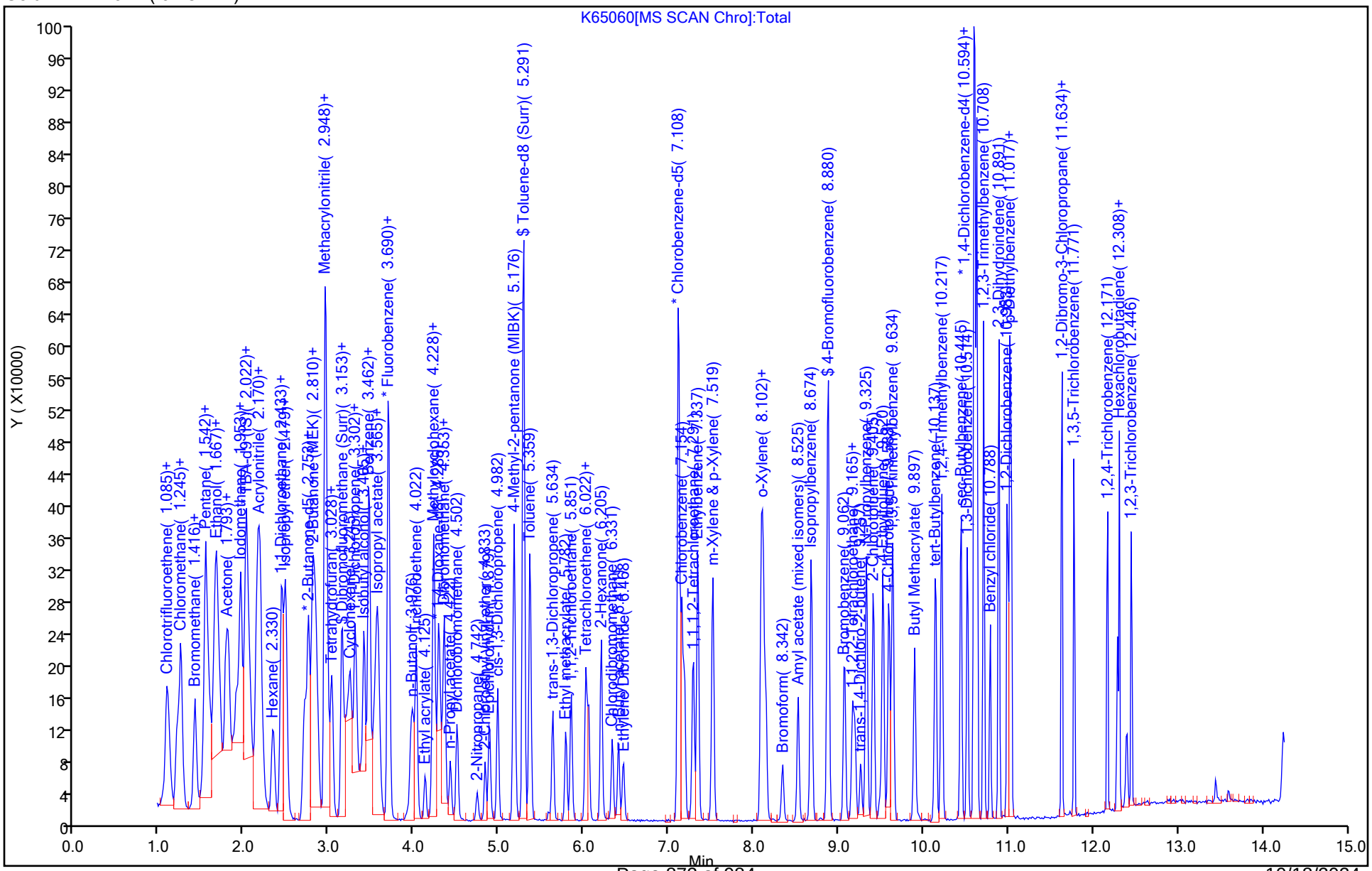
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison

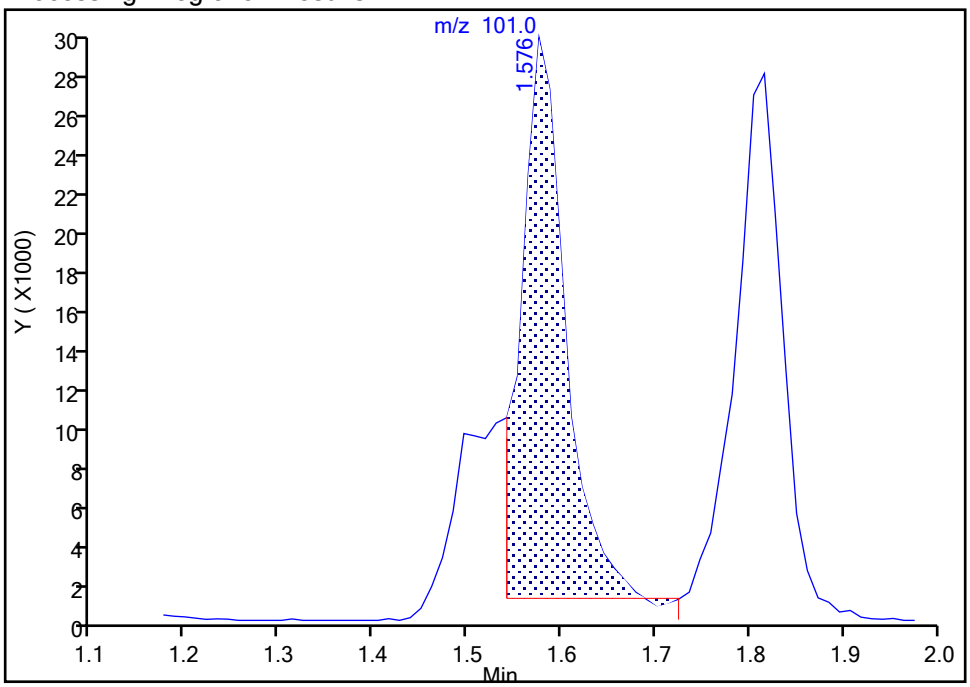
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D
Injection Date: 17-Oct-2024 08:31:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

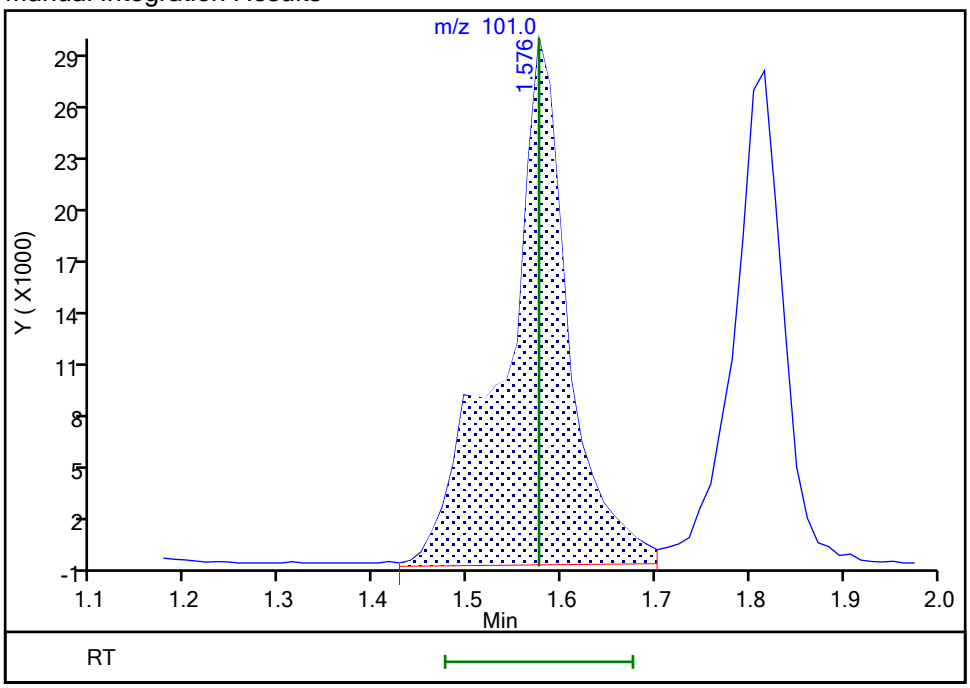
Processing Integration Results

RT: 1.58
Area: 94458
Amount: 15.513678
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 140179
Amount: 23.022845
Amount Units: ug/l



Reviewer: XE5L, 17-Oct-2024 14:30:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

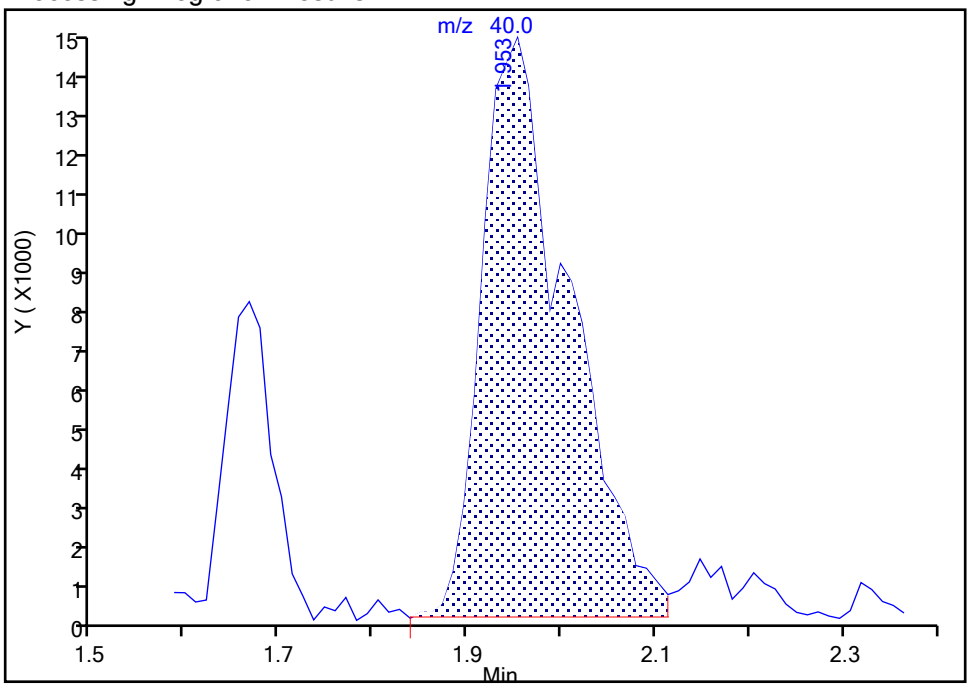
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D
Injection Date: 17-Oct-2024 08:31:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

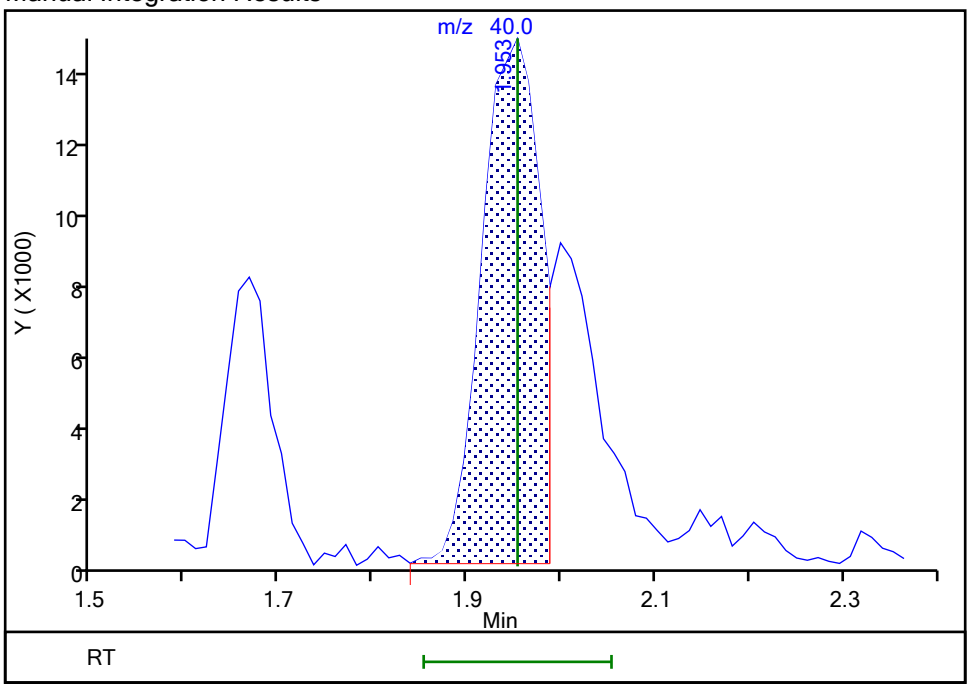
Processing Integration Results

RT: 1.95
Area: 92333
Amount: 232.9064
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 63076
Amount: 159.1068
Amount Units: ug/l



Reviewer: RD6L, 17-Oct-2024 09:07:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

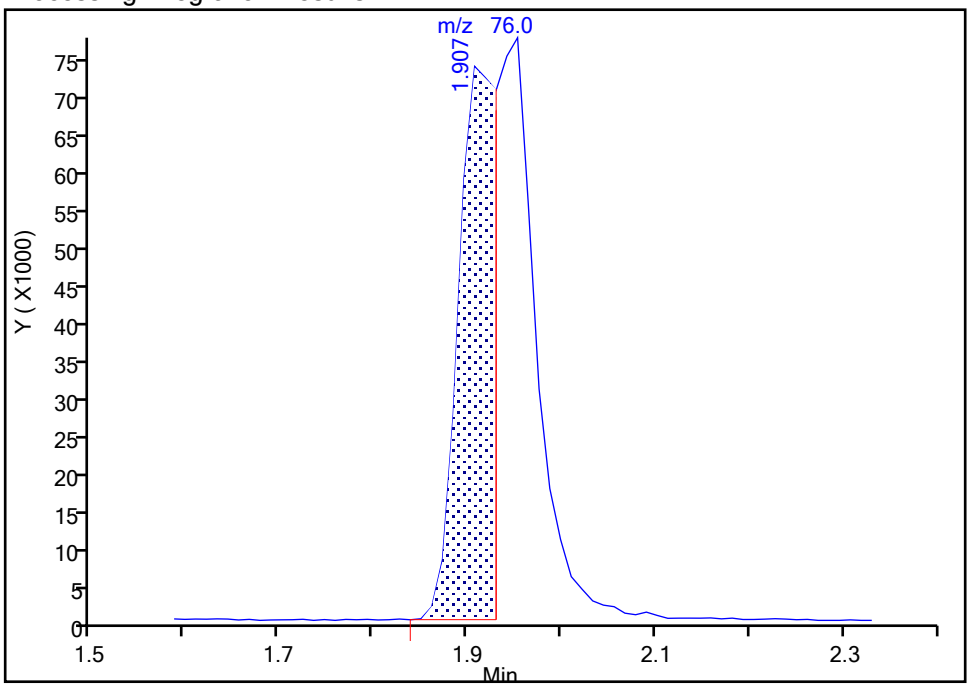
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D
Injection Date: 17-Oct-2024 08:31:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

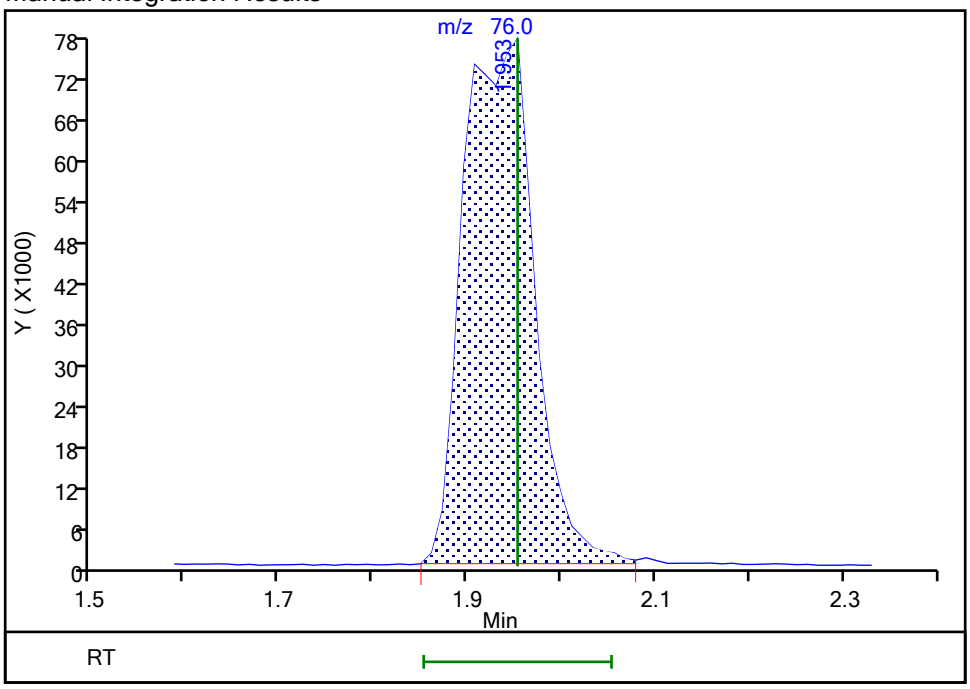
Processing Integration Results

RT: 1.91
Area: 215720
Amount: 12.257033
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 409772
Amount: 23.282908
Amount Units: ug/l



Reviewer: XE5L, 17-Oct-2024 14:48:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

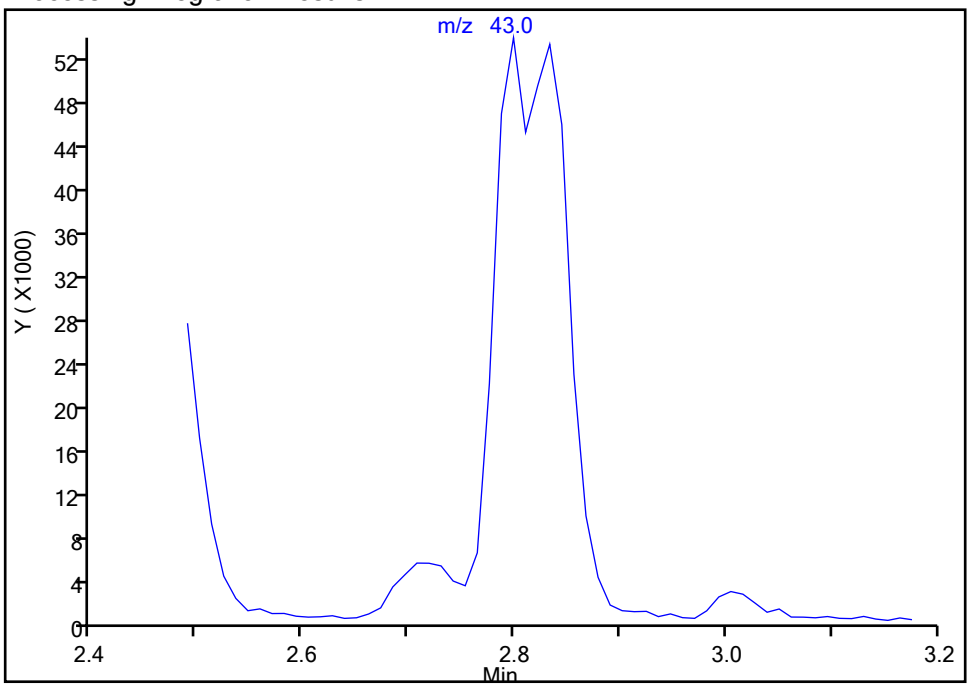
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65060.D
Injection Date: 17-Oct-2024 08:31:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

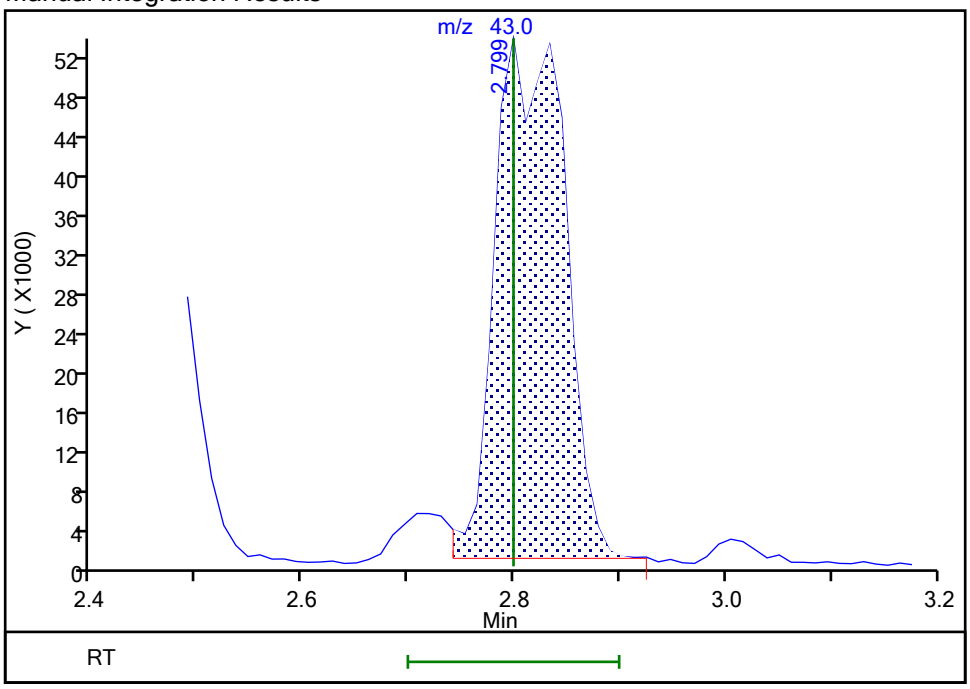
Not Detected
Expected RT: 2.80

Processing Integration Results



Manual Integration Results

RT: 2.80
Area: 241116
Amount: 36.452054
Amount Units: ug/l



Reviewer: RD6L, 17-Oct-2024 09:07:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85349.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Sep-2024 10:21:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0181138-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	23-Sep-2024 15:39:49	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1687				
First Level Reviewer: FK2C		Date:	20-Sep-2024 10:28:13		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

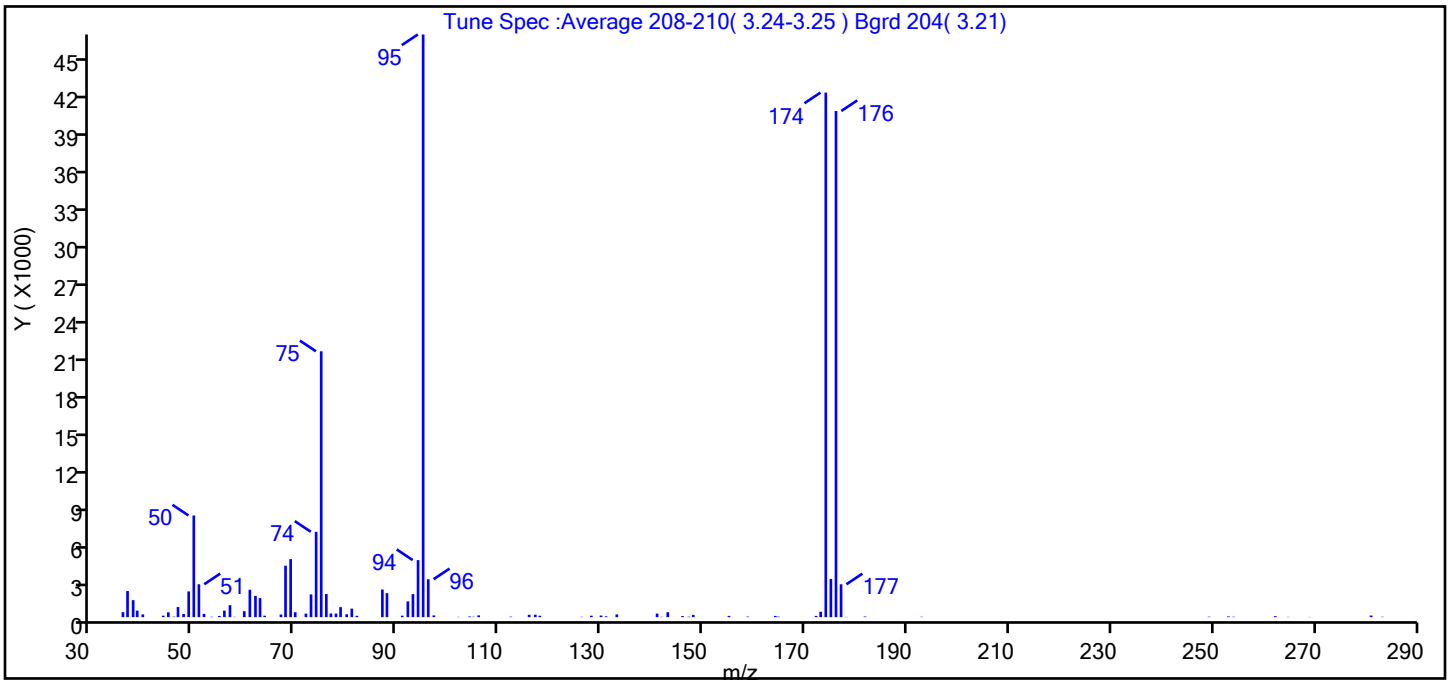
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85349.D
Injection Date: 20-Sep-2024 10:21:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (111.1)
96	5 to 9% of m/z 95	6.5
173	<2% of m/z 174	0.9 (1.0)
174	50 to 200% of m/z 95	90.0
175	5 to 9% of m/z 174	6.6 (7.3)
176	95 to 105% of m/z 174	86.9 (96.5)
177	5 to 10% of m/z 176	5.6 (6.5)

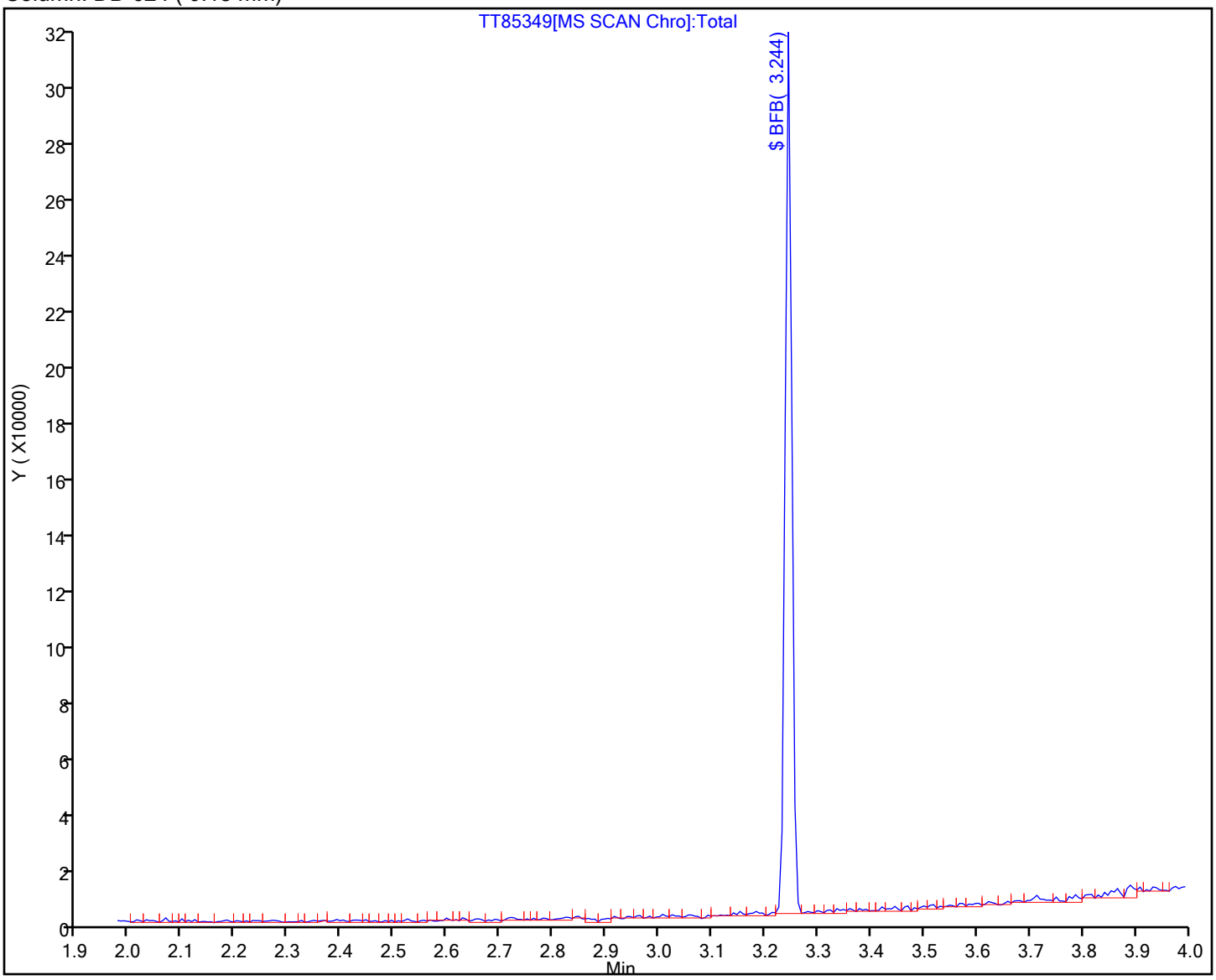
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85349.D\8260W_17.rslt\spectra.d
Injection Date: 20-Sep-2024 10:21:30
Spectrum: Tune Spec :Average 208-210(3.24-3.25) Bgrd 204(3.21)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	401	63.00	1523	94.00	4562	148.00	178
37.00	2090	64.00	115	95.00	46600	155.00	100
38.00	1362	67.00	212	96.00	3031	159.00	46
39.00	522	68.00	4112	97.00	139	164.00	97
40.00	219	69.00	4642	102.00	22	165.00	39
44.00	117	70.00	393	104.00	52	172.00	99
45.00	388	72.00	281	105.00	30	173.00	433
46.00	37	73.00	1820	106.00	143	174.00	41952
47.00	808	74.00	6828	112.00	39	175.00	3054
48.00	249	75.00	21264	116.00	189	176.00	40480
49.00	2059	76.00	1855	117.00	196	177.00	2628
50.00	8130	77.00	294	118.00	113	178.00	17
51.00	2630	78.00	289	126.00	26	182.00	50
52.00	260	79.00	801	128.00	115	193.00	30
54.00	30	80.00	230	130.00	128	249.00	35
55.00	94	81.00	682	131.00	65	253.00	60
56.00	518	82.00	106	133.00	216	254.00	31
57.00	956	87.00	2208	141.00	285	262.00	79
58.00	23	88.00	1920	142.00	24	265.00	21
60.00	476	91.00	116	143.00	396	269.00	15
61.00	2191	92.00	1260	146.00	86	281.00	129
62.00	1699	93.00	1842	147.00	37	283.00	28

Report Date: 23-Sep-2024 15:39:50 Chrom Revision: 2.3 19-Sep-2024 16:40:24

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85349.D
Injection Date: 20-Sep-2024 10:21:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64388.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	28-Sep-2024 04:26:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0181453-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	01-Oct-2024 07:25:22	Calib Date:	28-Sep-2024 09:06:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1657				
First Level Reviewer: PUV6		Date:	30-Sep-2024 20:05:17		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 43 2-Butanone-d5	46	2.748	2.748	0.000	18	47	250.0	250.0	s
$ 140 BFB									

QC Flag Legend

Processing Flags
- 8 - Failed MS Tune Ratio Test
- s - Failed ISTD Recovery Test

Reagents:

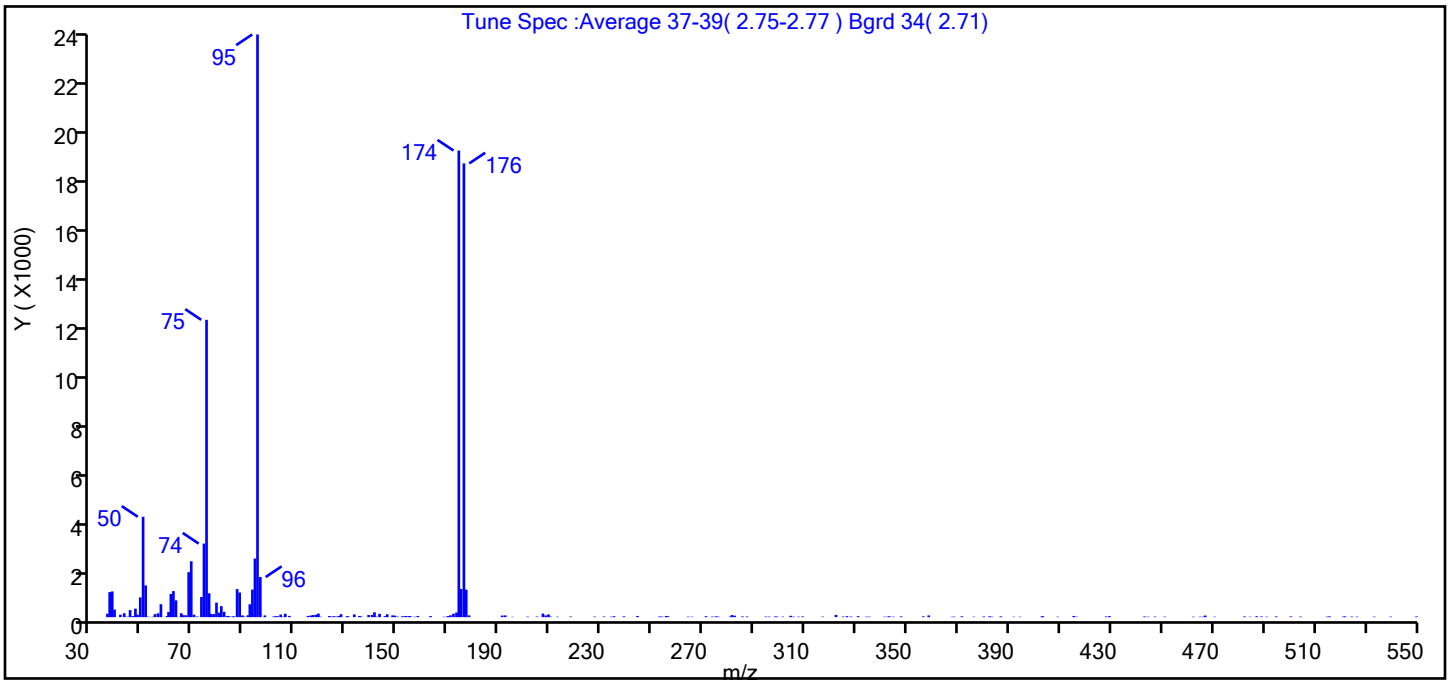
BFB_00036	Amount Added:	1.00	Units: uL	
8260SURR250_00249	Amount Added:	1.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64388.D
Injection Date: 28-Sep-2024 04:26:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (124.9)
96	5 to 9% of m/z 95	6.9
173	<2% of m/z 174	0.8 (1.0)
174	50 to 200% of m/z 95	80.1
175	5 to 9% of m/z 174	4.8 (6.0)
176	95 to 105% of m/z 174	77.9 (97.2)
177	5 to 10% of m/z 176	4.7 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64388.D\8260DW_9.rslt\spectra.d
Injection Date: 28-Sep-2024 04:26:30
Spectrum: Tune Spec :Average 37-39(2.75-2.77) Bgrd 34(2.71)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	136	93.00	1096	175.00	1121	341.00	17
37.00	997	94.00	2334	176.00	18072	342.00	22
38.00	1024	95.00	23208	177.00	1095	343.00	31
39.00	303	96.00	1598	178.00	70	344.00	19
41.00	95	98.00	69	191.00	64	348.00	29
43.00	156	101.00	22	192.00	70	356.00	32
44.00	18	102.00	40	195.00	14	358.00	67
45.00	280	103.00	35	201.00	20	368.00	16
46.00	42	104.00	102	205.00	22	368.00	18
47.00	339	105.00	19	207.00	142	371.00	34
48.00	98	106.00	135	208.00	69	376.00	18
49.00	787	108.00	50	209.00	108	380.00	27
50.00	3998	115.00	49	210.00	20	382.00	32
51.00	1264	116.00	64	213.00	18	383.00	18
52.00	18	117.00	82	218.00	25	387.00	31
54.00	18	118.00	96	227.00	22	392.00	16
55.00	121	119.00	142	231.00	24	394.00	18
56.00	151	120.00	17	234.00	17	403.00	17
57.00	515	123.00	44	235.00	38	403.00	40
60.00	49	124.00	20	239.00	32	409.00	18
60.00	208	125.00	38	244.00	47	415.00	47
61.00	923	126.00	25	253.00	28	416.00	17
62.00	1038	127.00	50	254.00	20	428.00	27
63.00	670	128.00	117	255.00	47	429.00	42
64.00	8	130.00	42	256.00	31	443.00	28
65.00	155	131.00	21	264.00	20	444.00	17
66.00	79	133.00	109	266.00	18	447.00	23
67.00	74	135.00	48	271.00	39	451.00	20
68.00	1792	136.00	24	274.00	22	462.00	18
69.00	2226	139.00	84	275.00	32	465.00	17
70.00	97	140.00	89	276.00	20	466.00	18
71.00	24	141.00	193	280.00	24	467.00	63
72.00	1	142.00	18	281.00	82	471.00	17

Report Date: 01-Oct-2024 07:25:23 Chrom Revision: 2.3 24-Sep-2024 15:19:46
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64388.D\8260DW_9.rslt\spectra.d
Injection Date: 28-Sep-2024 04:26:30
Spectrum: Tune Spec :Average 37-39(2.75-2.77) Bgrd 34(2.71)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	801	143.00	133	282.00	58	482.00	29
74.00	2930	145.00	39	285.00	28	484.00	17
75.00	11843	146.00	115	287.00	26	487.00	36
76.00	950	148.00	69	294.00	23	489.00	27
77.00	131	149.00	62	296.00	20	491.00	18
78.00	121	150.00	23	298.00	28	495.00	29
79.00	578	152.00	37	299.00	19	500.00	29
80.00	177	153.00	48	301.00	20	504.00	22
81.00	439	154.00	41	304.00	53	515.00	20
82.00	212	155.00	42	305.00	19	516.00	30
83.00	48	157.00	18	307.00	19	521.00	25
84.00	35	158.00	47	309.00	29	522.00	26
85.00	26	163.00	43	317.00	20	524.00	23
86.00	29	168.00	17	322.00	89	526.00	20
87.00	1117	170.00	38	325.00	23	533.00	21
88.00	982	170.00	30	326.00	40	540.00	21
89.00	67	171.00	74	328.00	24	550.00	29
90.00	17	172.00	136	331.00	40		
91.00	74	173.00	187	334.00	18		
92.00	511	174.00	18584	335.00	20		

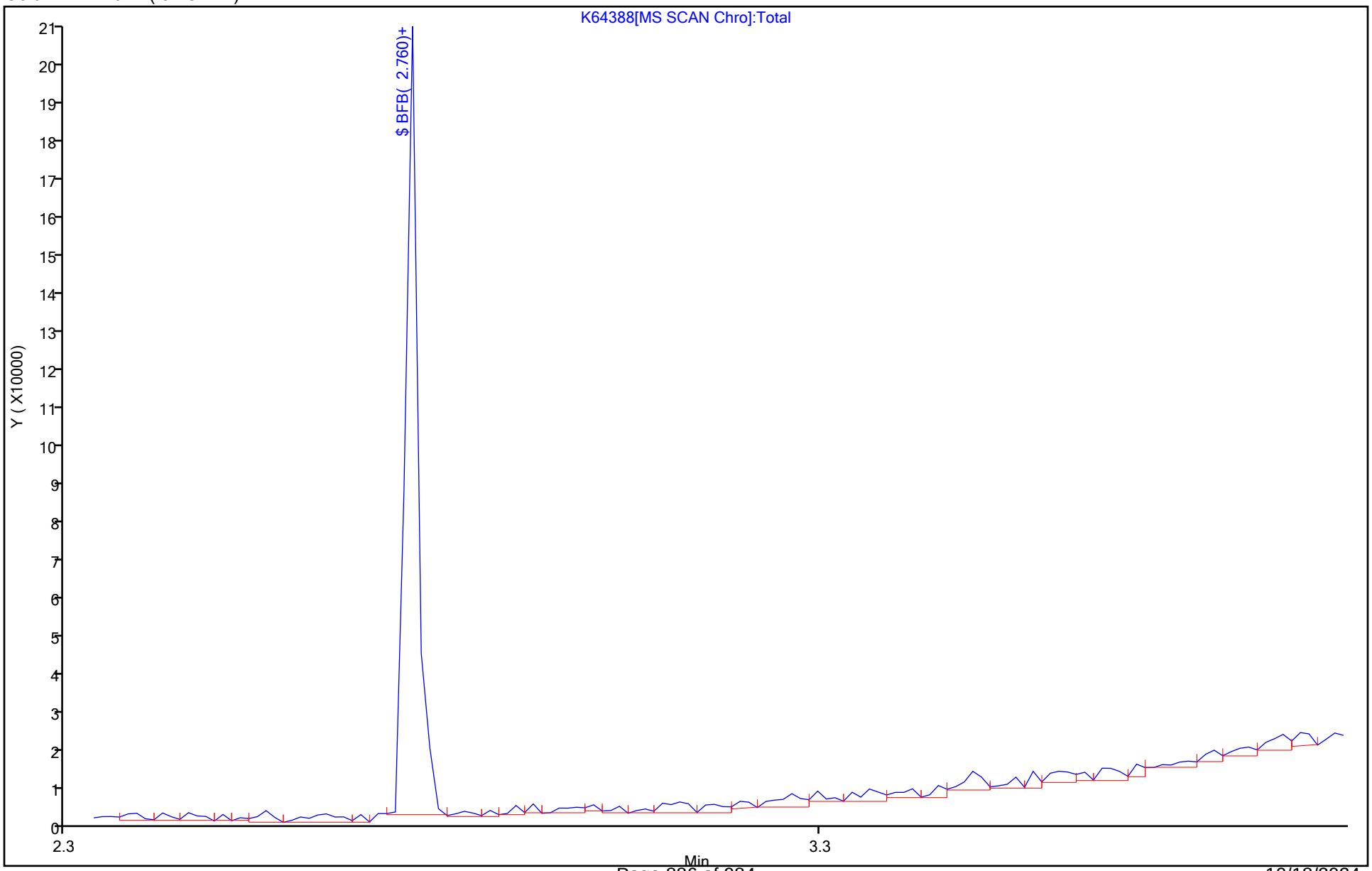
Report Date: 01-Oct-2024 07:25:23 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64388.D

Injection Date:	28-Sep-2024 04:26:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1000443/9

Matrix: Water | Lab File ID: TT857248.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 08:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1000443/9

Matrix: Water | Lab File ID: TT857248.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 08:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857248.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2024 08:49:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0181932-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:52:35 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:43:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	34605	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.832	3.826	0.006	0	256331	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	142310	50.0	52.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	163310	50.0	59.5	
* 66 Fluorobenzene	96	4.886	4.887	-0.001	99	573983	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	21381	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	540193	50.0	48.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	404959	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	92	161093	50.0	48.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	218218	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Oct-2024 13:54:03 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857248.D

Injection Date: 09-Oct-2024 08:49:30 Instrument ID: CVOAMS17

Lims ID: MB

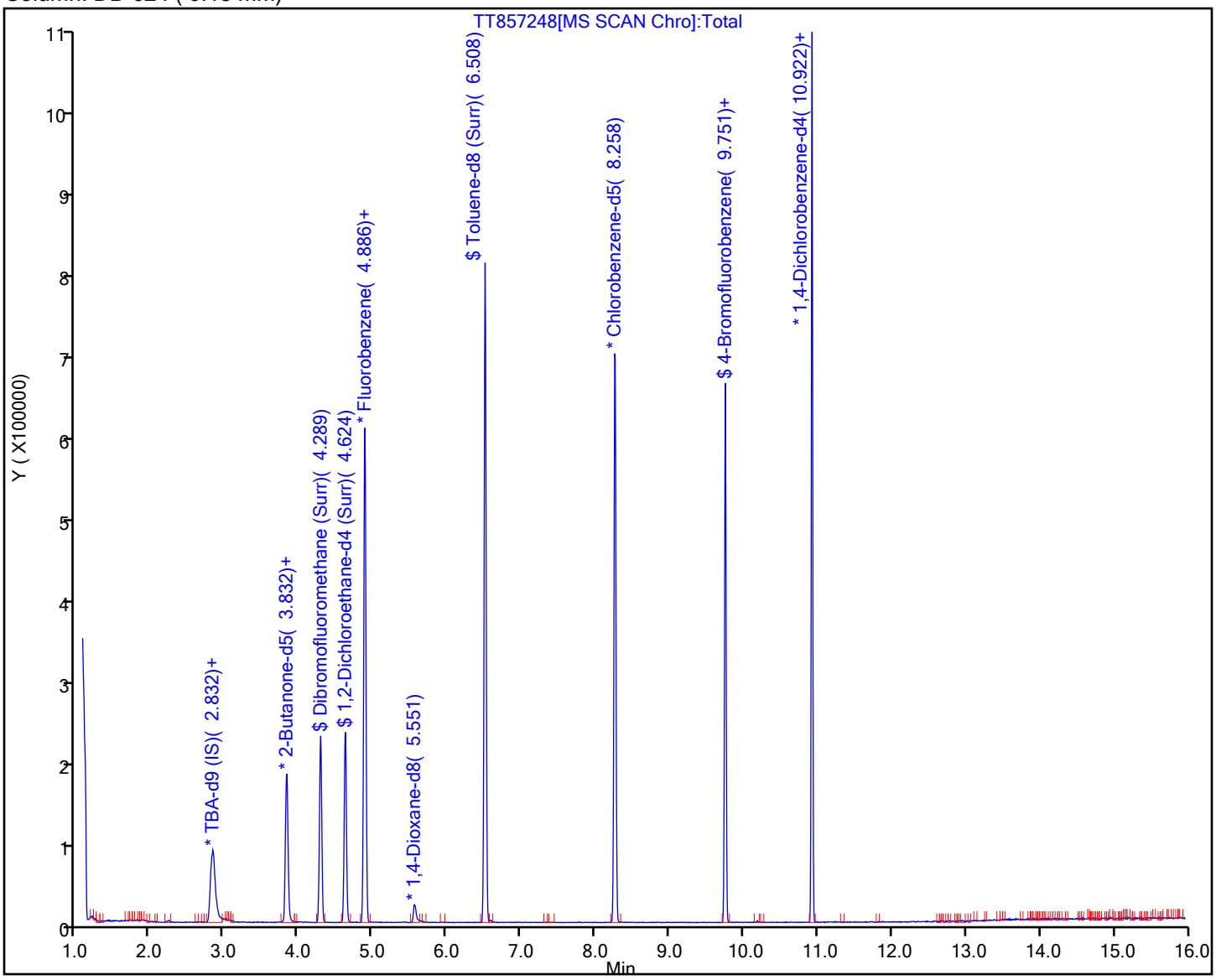
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857248.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2024 08:49:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0181932-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:52:35 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:43:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.9	105.82
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.5	119.02
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.88
$ 105 4-Bromofluorobenzene	50.0	48.0	96.00

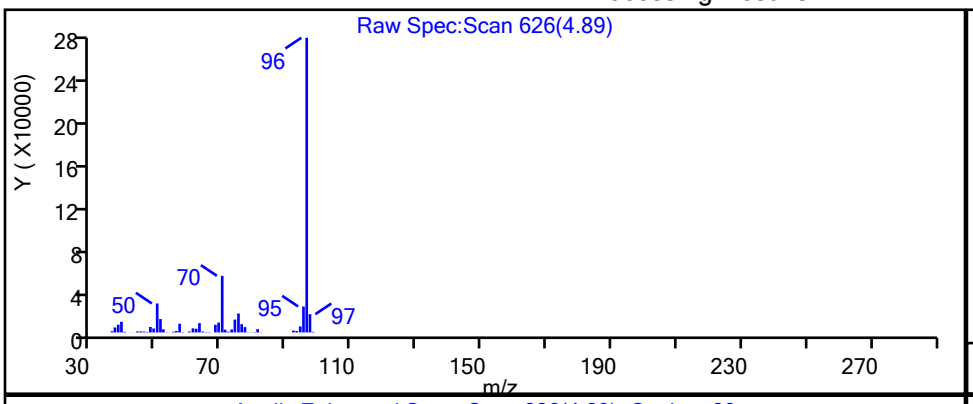
User Disabled Compound Report

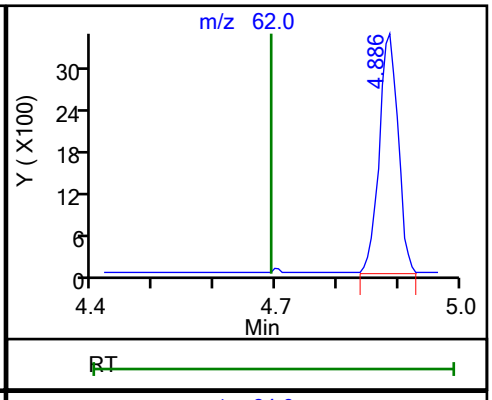
Eurofins Edison

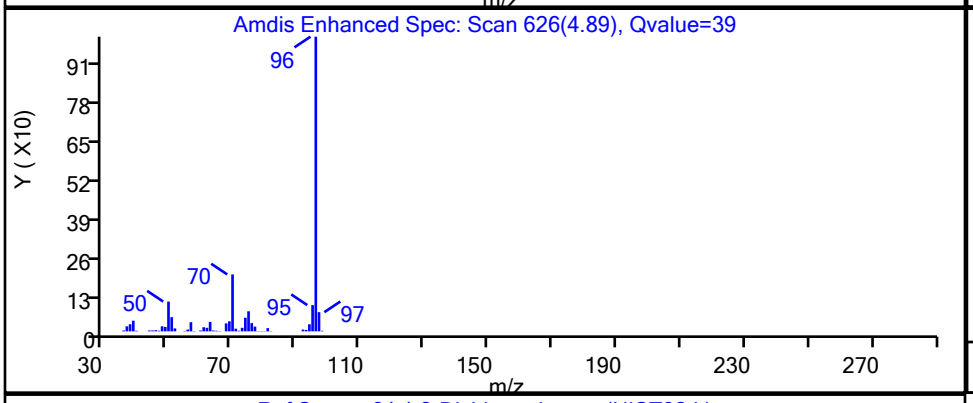
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857248.D
Injection Date: 09-Oct-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

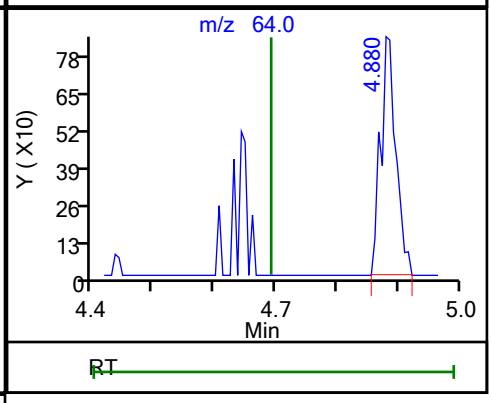
64 1,2-Dichloroethane, CAS: 107-06-2

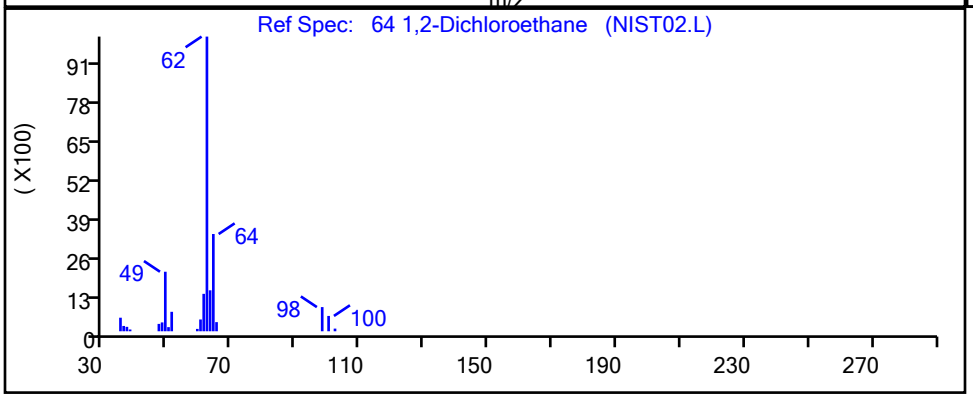
Processing Results











RT	Mass	Response	Amount
4.89	62.00	7297	2.143829
4.88	64.00	1476	

Reviewer: FK2C, 09-Oct-2024 09:42:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1000575/8

Matrix: Water | Lab File ID: TT857283.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 20:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1000575/8

Matrix: Water | Lab File ID: TT857283.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 20:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857283.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2024 20:19:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0181961-008
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 06:49:04 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: FK2C Date: 10-Oct-2024 06:15:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.826	0.012	0	37499	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	259950	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	143551	50.0	51.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	165526	50.0	58.4	
* 66 Fluorobenzene	96	4.887	4.886	0.000	99	593192	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.551	5.557	-0.006	0	23729	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	547340	50.0	47.8	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	420223	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	92	169224	50.0	48.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	226879	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00077 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 10-Oct-2024 06:50:16 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857283.D

Injection Date: 09-Oct-2024 20:19:30 Instrument ID: CVOAMS17

Lims ID: MB

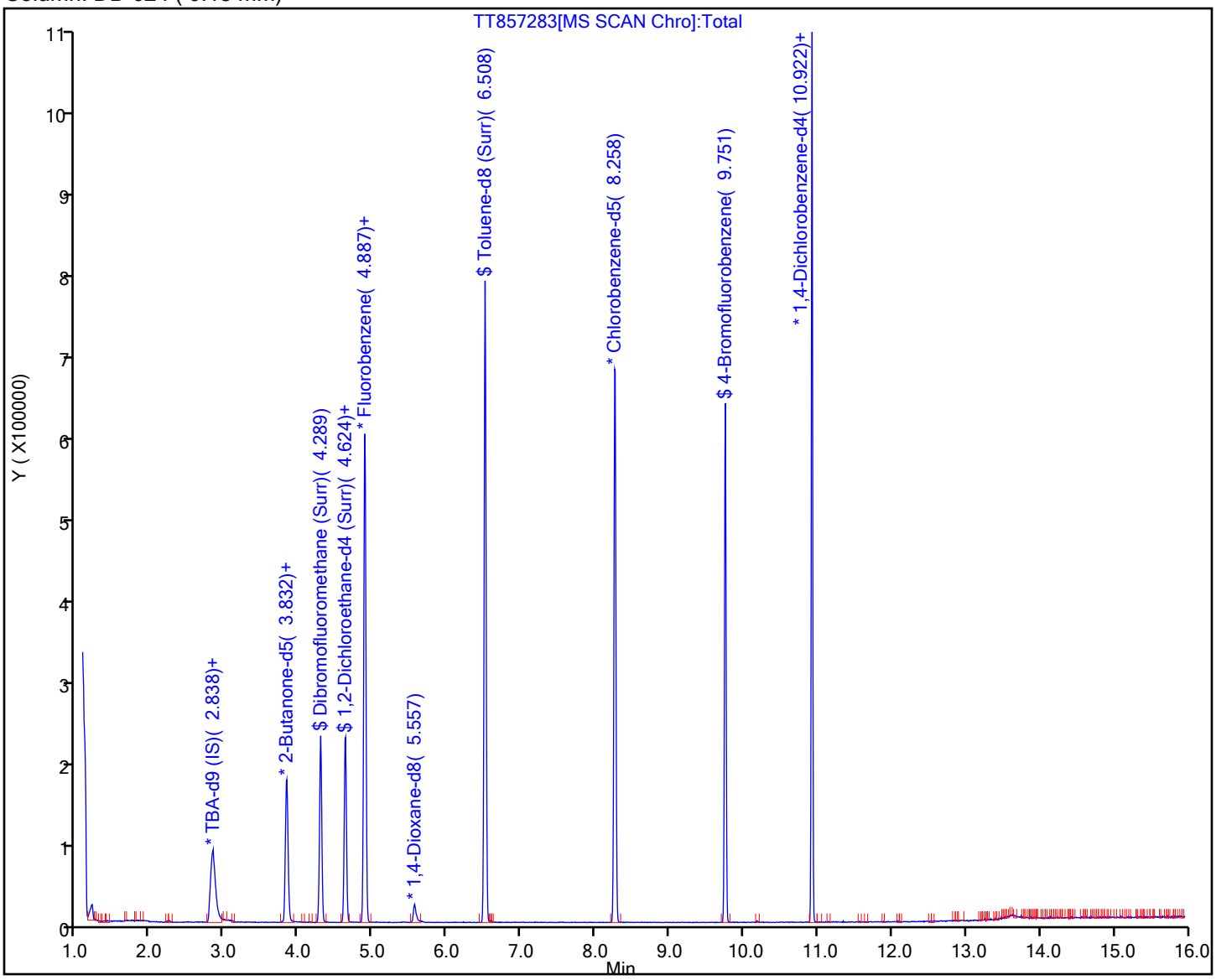
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857283.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2024 20:19:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0181961-008
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 06:49:04 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: FK2C Date: 10-Oct-2024 06:15:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.6	103.28
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.4	116.73
$ 83 Toluene-d8 (Surr)	50.0	47.8	95.58
$ 105 4-Bromofluorobenzene	50.0	48.6	97.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1001940/9

Matrix: Water | Lab File ID: K65067.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 11:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1001940/9

Matrix: Water | Lab File ID: K65067.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 11:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	81		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65067.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2024 11:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0182275-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 11:46:19 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: RD6L Date: 17-Oct-2024 11:46:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.033	2.045	-0.012	99	339225	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.742	2.753	-0.011	100	231322	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	96	148439	50.0	53.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	141155	50.0	45.1	
* 65 Fluorobenzene	96	3.690	3.690	0.000	99	392021	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.308	4.308	0.000	42	28353	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.279	5.291	-0.012	99	510323	50.0	40.7	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	84	383914	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.879	8.880	-0.001	92	170337	50.0	56.8	
* 120 1,4-Dichlorobenzene-d4	152	10.594	10.605	-0.011	95	233902	50.0	50.0	

Reagents:

8260ISNEW_00207 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00251 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 17-Oct-2024 11:46:19 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65067.D

Injection Date: 17-Oct-2024 11:20:30 Instrument ID: CVOAMS9 Operator ID:

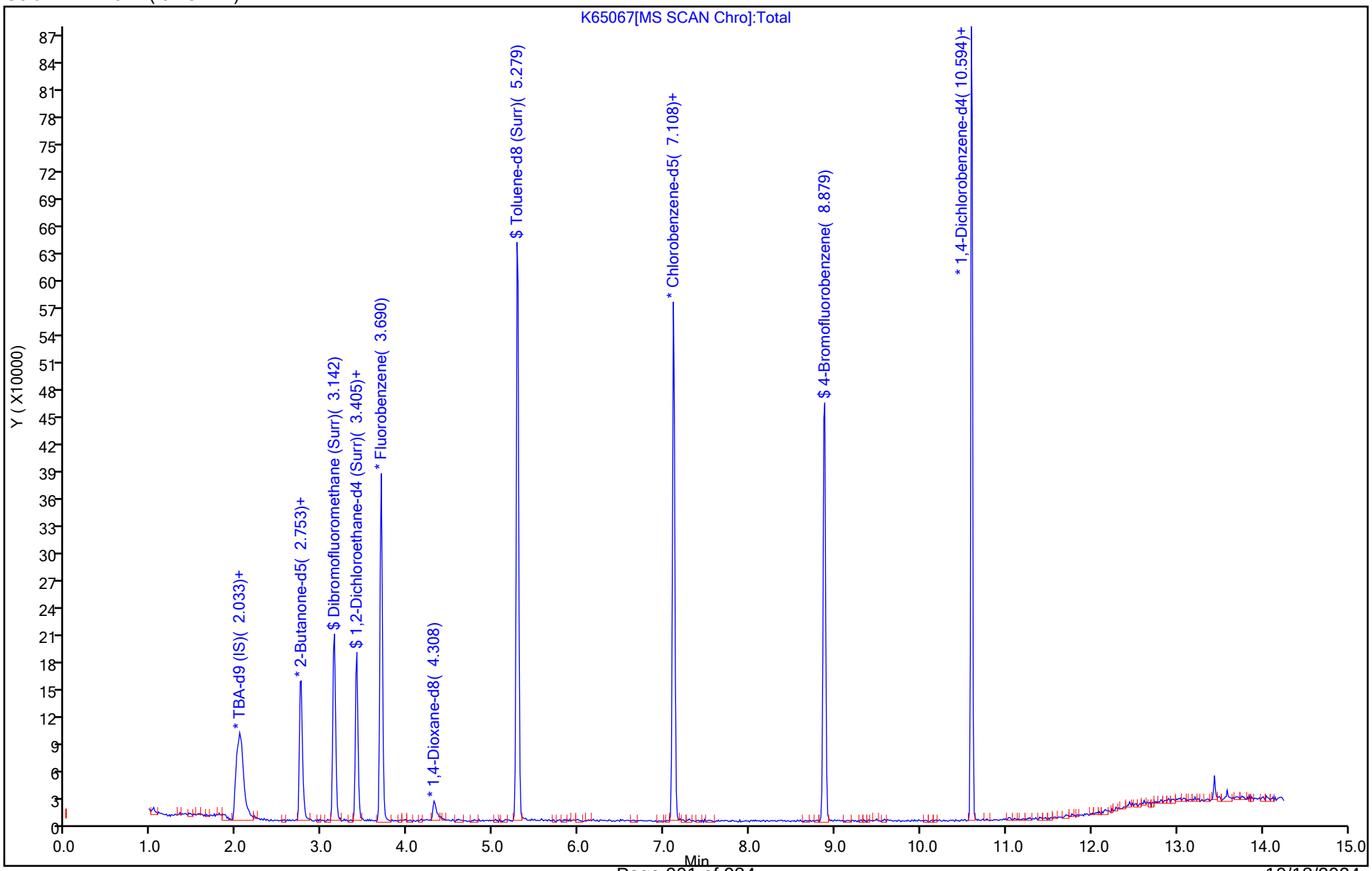
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65067.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2024 11:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0182275-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 11:46:19 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: RD6L Date: 17-Oct-2024 11:46:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.4	106.74
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.1	90.23
$ 83 Toluene-d8 (Surr)	50.0	40.7	81.41
$ 105 4-Bromofluorobenzene	50.0	56.8	113.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1000443/4

Matrix: Water | Lab File ID: TT857243.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 07:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	25.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.9		1.0	0.20
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.6		1.0	0.26
107-06-2	1,2-Dichloroethane	23.5		1.0	0.43
78-87-5	1,2-Dichloropropane	18.9		1.0	0.35
591-78-6	2-Hexanone	98.2		5.0	1.1
67-64-1	Acetone	96.0		5.0	4.4
71-43-2	Benzene	19.4		1.0	0.20
75-27-4	Bromodichloromethane	20.6		1.0	0.34
75-25-2	Bromoform	21.9		1.0	0.54
74-83-9	Bromomethane	19.2		1.0	0.55
75-15-0	Carbon disulfide	17.7		1.0	0.82
56-23-5	Carbon tetrachloride	19.4		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	20.3		1.0	0.32
67-66-3	Chloroform	20.1		1.0	0.33
74-87-3	Chloromethane	17.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
124-48-1	Dibromochloromethane	22.7		1.0	0.28
100-41-4	Ethylbenzene	19.1		1.0	0.30
78-93-3	Methyl Ethyl Ketone	108		5.0	1.9
108-10-1	methyl isobutyl ketone	102		5.0	1.3
75-09-2	Methylene Chloride	18.5		1.0	0.32
100-42-5	Styrene	21.8		1.0	0.42
127-18-4	Tetrachloroethene	18.3		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.2		1.0	0.22
79-01-6	Trichloroethene	19.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1000443/4

Matrix: Water | Lab File ID: TT857243.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 07:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.2		1.0	0.17
1330-20-7	Xylenes, Total	39.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857243.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2024 07:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0181932-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:54:40 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:27:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.210	1.211	0.000	29	954	20.0	10.4	
3 Chlorotrifluoroethene	116	1.302	1.284	0.018	73	18596	20.0	20.8	
2 1,1-Difluoroethane	65	1.314	1.302	0.012	98	30477	20.0	19.2	a
4 Dichlorodifluoromethane	85	1.332	1.308	0.024	96	60932	20.0	19.5	
5 Chlorodifluoromethane	67	1.369	1.351	0.018	97	11464	20.0	20.9	a
6 Chloromethane	50	1.509	1.491	0.018	98	66263	20.0	17.4	
7 Vinyl chloride	62	1.558	1.546	0.012	98	66538	20.0	18.2	
8 Butadiene	54	1.582	1.570	0.012	95	74164	20.0	18.9	
9 Bromomethane	94	1.820	1.814	0.006	99	50241	20.0	19.2	
10 Chloroethane	64	1.887	1.881	0.006	100	41699	20.0	20.3	
11 Dichlorofluoromethane	67	2.052	2.040	0.012	98	122177	20.0	19.3	
12 Trichlorofluoromethane	101	2.064	2.058	0.006	61	82046	20.0	20.4	
13 Pentane	72	2.076	2.070	0.006	96	20462	40.0	39.2	
14 Ethanol	46	2.235	2.223	0.013	77	7386	800.0	524.9	
25 Isopropyl alcohol	45	2.247	2.235	0.012	74	57212	200.0	160.0	
15 Ethyl ether	74	2.247	2.241	0.006	93	36703	20.0	20.9	
16 2-Methyl-1,3-butadiene	53	2.271	2.259	0.012	96	48121	20.0	17.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.290	0.012	75	54462	20.0	19.8	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.351	0.006	91	87752	20.0	20.6	
19 Acrolein	56	2.405	2.399	0.006	92	19165	40.0	47.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.436	2.424	0.012	70	54422	20.0	19.1	
21 1,1-Dichloroethene	96	2.436	2.430	0.006	97	55790	20.0	18.6	
22 Acetone	43	2.515	2.503	0.012	88	72605	100.0	96.0	
23 Iodomethane	142	2.582	2.570	0.012	97	98732	20.0	18.7	
24 Carbon disulfide	76	2.613	2.600	0.013	99	196869	20.0	17.7	
26 3-Chloro-1-propene	76	2.728	2.722	0.006	88	33399	20.0	15.6	
27 Methyl acetate	43	2.735	2.729	0.007	91	74642	40.0	47.0	
28 Cyclopentene	67	2.747	2.735	0.012	90	118848	20.0	17.2	
29 Acetonitrile	41	2.783	2.771	0.012	19	61839	200.0	165.9	a
30 Methylene Chloride	84	2.844	2.832	0.012	91	67325	20.0	18.5	
* 31 TBA-d9 (IS)	66	2.844	2.844	0.000	0	34095	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.905	2.899	0.006	96	52412	200.0	204.9	
33 Methyl tert-butyl ether	73	2.991	2.985	0.006	97	172768	20.0	22.1	
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	95	63116	20.0	18.4	
35 Acrylonitrile	53	3.082	3.076	0.006	94	210792	200.0	259.1	
36 Hexane	57	3.161	3.155	0.006	93	78612	20.0	17.2	
37 Isopropyl ether	45	3.362	3.356	0.006	90	184150	20.0	17.8	
38 1,1-Dichloroethane	63	3.393	3.387	0.006	99	109958	20.0	18.6	
39 Vinyl acetate	86	3.399	3.393	0.006	100	23972	40.0	37.6	
40 2-Chloro-1,3-butadiene	88	3.430	3.417	0.013	90	55952	20.0	19.5	
41 Tert-butyl ethyl ether	59	3.661	3.655	0.006	90	180268	20.0	19.4	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	252027	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.850	0.012	92	21099	20.0	19.2	
44 cis-1,2-Dichloroethene	96	3.881	3.875	0.006	98	69850	20.0	19.5	
45 2-Butanone (MEK)	72	3.893	3.881	0.012	97	31868	100.0	107.7	
46 Ethyl acetate	70	3.899	3.887	0.012	96	12102	40.0	39.1	
47 Methyl acrylate	55	3.948	3.942	0.006	99	44748	20.0	24.4	
48 Propionitrile	54	4.015	4.009	0.006	98	76784	200.0	212.5	
50 Tetrahydrofuran	72	4.088	4.076	0.012	59	13640	40.0	41.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	81	34763	20.0	21.5	
51 Methacrylonitrile	67	4.112	4.106	0.006	90	242686	200.0	271.6	
52 Chloroform	83	4.143	4.143	0.000	98	106090	20.0	20.1	
53 Cyclohexane	84	4.271	4.265	0.006	90	86036	20.0	17.7	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	98	89059	20.0	20.5	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	139324	50.0	51.4	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	68775	20.0	19.4	
57 1,1-Dichloropropene	75	4.423	4.417	0.006	97	81440	20.0	19.0	
58 Isobutyl alcohol	43	4.551	4.539	0.012	91	52479	500.0	468.4	
59 Isooctane	57	4.588	4.582	0.006	97	198255	20.0	17.7	
60 Benzene	78	4.612	4.612	0.000	96	253032	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	158442	50.0	57.3	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	30267	20.0	23.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	88	182795	20.0	21.8	
64 1,2-Dichloroethane	62	4.704	4.692	0.012	98	80558	20.0	23.5	
65 n-Heptane	100	4.765	4.759	0.006	92	13883	20.0	18.1	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	578156	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	90	29983	500.0	482.5	
68 Trichloroethene	95	5.234	5.222	0.012	99	60789	20.0	19.2	
70 Ethyl acrylate	99	5.356	5.350	0.006	95	9080	20.0	23.5	
69 Methylcyclohexane	83	5.350	5.350	0.000	82	100960	20.0	18.5	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	61572	20.0	18.9	
* 72 1,4-Dioxane-d8	96	5.557	5.551	0.006	0	20102	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.594	-0.006	90	28725	40.0	50.5	
75 1,4-Dioxane	88	5.612	5.612	0.000	86	11480	400.0	480.1	
74 Dibromomethane	93	5.630	5.630	0.000	98	37073	20.0	23.5	
76 n-Propyl acetate	43	5.643	5.643	0.000	98	70787	20.0	23.9	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	72981	20.0	20.6	
78 2-Nitropropane	41	6.106	6.112	-0.006	85	22259	40.0	47.8	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	83	31207	20.0	22.0	
80 Epichlorohydrin	57	6.216	6.210	0.006	99	101096	400.0	419.8	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	91132	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.435	0.006	96	102530	100.0	101.7	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	548320	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.581	0.006	94	259200	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.935	6.929	0.006	97	76666	20.0	21.2	
86 Ethyl methacrylate	69	6.972	6.972	0.000	90	70308	20.0	23.5	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	95	43574	20.0	21.9	
88 Tetrachloroethene	166	7.185	7.179	0.006	97	59739	20.0	18.3	
89 1,3-Dichloropropane	76	7.350	7.343	0.007	94	86399	20.0	22.8	
90 2-Hexanone	43	7.417	7.417	0.000	95	153298	100.0	98.2	
91 n-Butyl acetate	43	7.539	7.539	-0.001	99	75726	20.0	22.5	
92 Chlorodibromomethane	129	7.569	7.569	0.000	98	53724	20.0	22.7	
93 Ethylene Dibromide	107	7.721	7.715	0.006	97	52130	20.0	25.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	412992	50.0	50.0	
95 Chlorobenzene	112	8.301	8.294	0.007	94	165810	20.0	19.9	
96 Ethylbenzene	106	8.404	8.410	-0.006	98	90454	20.0	19.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.416	0.006	95	56693	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	111065	20.0	19.6	
99 o-Xylene	106	9.081	9.087	-0.006	94	108566	20.0	19.4	
100 n-Butyl acrylate	73	9.087	9.087	0.000	98	42122	20.0	21.9	
101 Styrene	104	9.124	9.118	0.006	96	183215	20.0	21.8	
102 Bromoform	173	9.367	9.361	0.006	97	32442	20.0	21.9	
103 Amyl acetate (mixed isomers)	43	9.374	9.374	0.000	93	94059	20.0	22.0	
104 Isopropylbenzene	105	9.532	9.526	0.006	96	252929	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	92	169580	50.0	49.5	
106 Bromobenzene	156	9.898	9.898	0.000	96	72941	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	71296	20.0	25.6	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	333694	20.0	20.6	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	97	20545	20.0	26.2	
110 trans-1,4-Dichloro-2-butene	53	10.190	10.038	0.152	43	7022	20.0	12.2	
111 2-Chlorotoluene	91	10.099	10.099	0.000	96	234644	20.0	20.3	
112 4-Ethyltoluene	105	10.123	10.117	0.006	98	283276	20.0	20.8	
113 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	93	236469	20.0	21.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	221479	20.0	19.6	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	79745	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	196606	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	98	248093	20.0	21.1	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	308728	20.0	21.3	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	140770	20.0	20.4	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	262332	20.0	21.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	229014	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.940	0.006	96	143099	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	273945	20.0	22.0	
124 Benzyl chloride	91	11.087	11.087	0.000	99	128393	20.0	26.7	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	94	254430	20.0	21.5	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	166754	20.0	20.3	
127 n-Butylbenzene	92	11.233	11.233	0.000	98	147676	20.0	20.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	145357	20.0	21.9	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	244378	20.0	21.0	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.965	0.000	96	10796	20.0	26.0	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	98	116843	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	103335	20.0	18.6	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	51134	20.0	16.9	
134 Naphthalene	128	12.769	12.769	0.000	99	247914	20.0	27.6	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	102881	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 137 Xylenes, Total	100				0		40.0	39.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.3	
S 140 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Oct-2024 13:54:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857243.D

Injection Date: 09-Oct-2024 07:12:30 Instrument ID: CVOAMS17

Lims ID: LCS

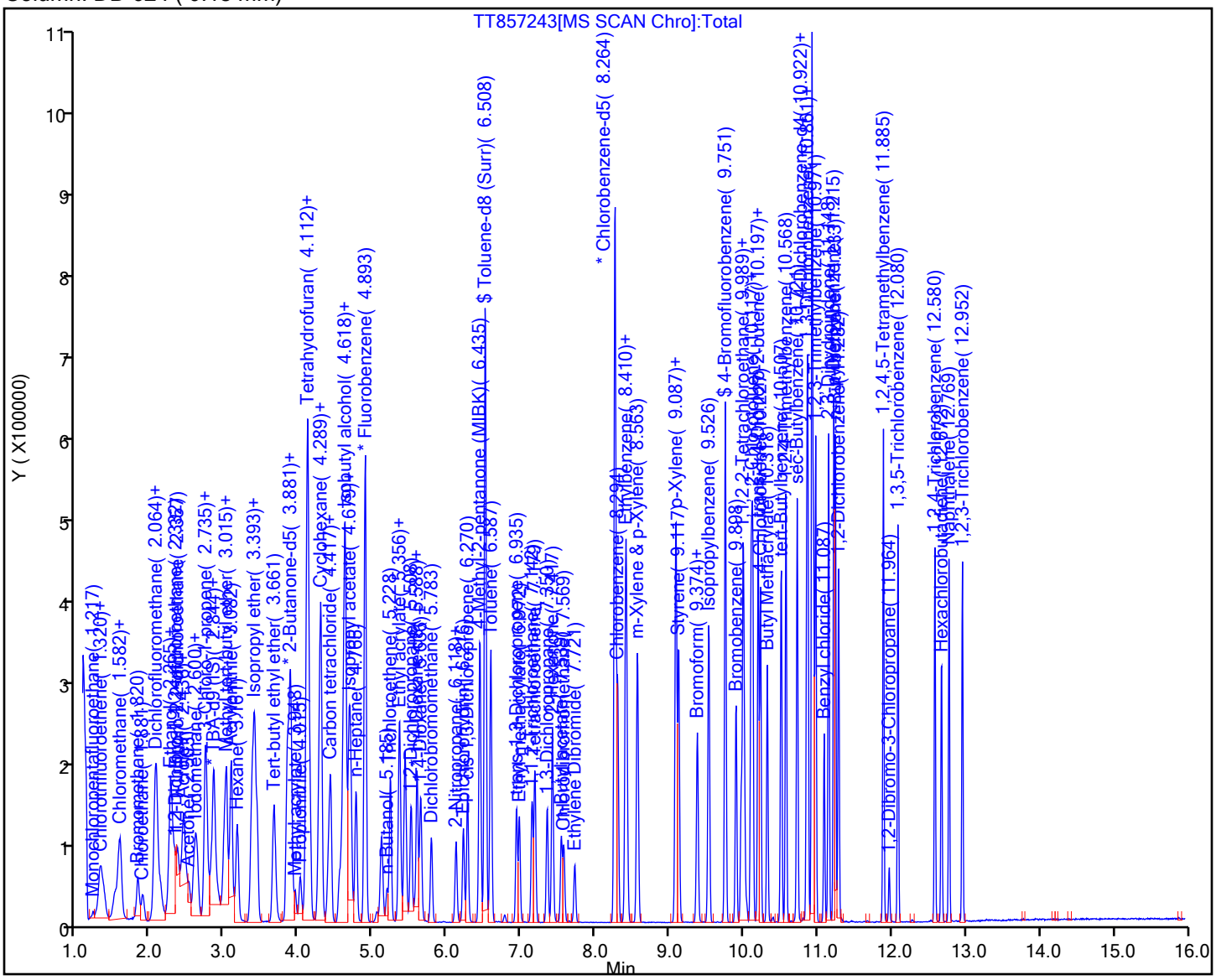
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857243.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2024 07:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0181932-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:54:40 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:27:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.85
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.3	114.64
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.42
$ 105 4-Bromofluorobenzene	50.0	49.5	99.09

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1000575/4

Matrix: Water | Lab File ID: TT857279.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.20
75-34-3	1,1-Dichloroethane	17.2		1.0	0.26
75-35-4	1,1-Dichloroethene	16.8		1.0	0.26
107-06-2	1,2-Dichloroethane	20.6		1.0	0.43
78-87-5	1,2-Dichloropropane	17.0		1.0	0.35
591-78-6	2-Hexanone	91.1		5.0	1.1
67-64-1	Acetone	90.0		5.0	4.4
71-43-2	Benzene	17.7		1.0	0.20
75-27-4	Bromodichloromethane	18.3		1.0	0.34
75-25-2	Bromoform	19.1		1.0	0.54
74-83-9	Bromomethane	16.5		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	17.4		1.0	0.21
108-90-7	Chlorobenzene	17.6		1.0	0.38
75-00-3	Chloroethane	16.2		1.0	0.32
67-66-3	Chloroform	18.3		1.0	0.33
74-87-3	Chloromethane	16.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.22
124-48-1	Dibromochloromethane	20.3		1.0	0.28
100-41-4	Ethylbenzene	17.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	92.4		5.0	1.9
108-10-1	methyl isobutyl ketone	93.9		5.0	1.3
75-09-2	Methylene Chloride	17.4		1.0	0.32
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	16.7		1.0	0.25
108-88-3	Toluene	17.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.22
79-01-6	Trichloroethene	16.8		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1000575/4

Matrix: Water | Lab File ID: TT857279.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	14.0		1.0	0.17
1330-20-7	Xylenes, Total	35.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857279.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2024 19:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0181961-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 19:03:11 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: XE5L Date: 10-Oct-2024 18:54:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.296	1.284	0.012	63	10406	20.0	11.1	
2 1,1-Difluoroethane	65	1.302	1.302	0.000	98	20988	20.0	12.6	a
4 Dichlorodifluoromethane	85	1.320	1.314	0.006	98	57107	20.0	17.4	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	9159	20.0	15.9	
6 Chloromethane	50	1.491	1.491	0.000	98	64348	20.0	16.1	
7 Vinyl chloride	62	1.552	1.546	0.006	97	53710	20.0	14.0	
8 Butadiene	54	1.582	1.570	0.012	97	60361	20.0	14.7	
9 Bromomethane	94	1.814	1.814	0.000	98	45214	20.0	16.5	
10 Chloroethane	64	1.887	1.875	0.012	99	34883	20.0	16.2	
11 Dichlorofluoromethane	67	2.046	2.046	0.000	98	104178	20.0	15.7	
12 Trichlorofluoromethane	101	2.058	2.064	-0.006	56	67711	20.0	16.1	
13 Pentane	72	2.070	2.064	0.006	96	17378	40.0	31.8	
14 Ethanol	46	2.235	2.228	0.007	79	8808	800.0	580.3	
15 Ethyl ether	74	2.241	2.241	0.000	92	36534	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	2.265	2.265	0.000	95	47205	20.0	16.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.296	0.000	91	51383	20.0	17.8	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.344	0.000	92	77762	20.0	17.4	
19 Acrolein	56	2.399	2.399	0.000	93	17768	40.0	41.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	92	50587	20.0	16.9	a
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	98	52679	20.0	16.8	
22 Acetone	43	2.509	2.509	0.000	88	70488	100.0	90.0	
23 Iodomethane	142	2.570	2.570	0.000	96	96398	20.0	17.4	
25 Isopropyl alcohol	45	2.594	2.588	0.006	30	24127	200.0	59.0	a
24 Carbon disulfide	76	2.606	2.606	0.000	99	197738	20.0	17.0	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	90	34026	20.0	15.2	
27 Methyl acetate	43	2.728	2.728	0.000	87	74750	40.0	44.9	
28 Cyclopentene	67	2.741	2.734	0.007	92	116556	20.0	16.1	
29 Acetonitrile	41	2.789	2.771	0.018	90	51360	200.0	133.2	a
* 31 TBA-d9 (IS)	66	2.838	2.826	0.012	0	36698	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.844	0.000	89	66359	20.0	17.4	
32 2-Methyl-2-propanol	59	2.899	2.893	0.006	98	49613	200.0	180.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.991	2.978	0.013	97	167573	20.0	20.4	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	95	59957	20.0	16.7	
35 Acrylonitrile	53	3.076	3.076	0.000	94	198797	200.0	233.2	
36 Hexane	57	3.155	3.155	0.000	92	78599	20.0	16.4	
37 Isopropyl ether	45	3.356	3.356	0.000	92	177739	20.0	16.4	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	106616	20.0	17.2	
39 Vinyl acetate	86	3.393	3.393	0.000	100	22847	40.0	34.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	91	49521	20.0	16.5	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	90	181638	20.0	18.7	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	260781	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.856	-0.006	73	19924	20.0	17.3	
44 cis-1,2-Dichloroethene	96	3.875	3.874	0.001	97	67651	20.0	18.0	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	28302	100.0	92.4	
46 Ethyl acetate	70	3.899	3.893	0.006	96	11521	40.0	36.0	
47 Methyl acrylate	55	3.942	3.942	0.000	98	41785	20.0	21.8	
48 Propionitrile	54	4.009	4.009	0.000	98	69307	200.0	178.2	
50 Tetrahydrofuran	72	4.088	4.088	0.000	56	13253	40.0	38.5	
49 Chlorobromomethane	128	4.094	4.088	0.006	84	31320	20.0	18.5	
51 Methacrylonitrile	67	4.112	4.106	0.006	91	226248	200.0	241.7	
52 Chloroform	83	4.137	4.143	-0.006	99	101053	20.0	18.3	
53 Cyclohexane	84	4.265	4.259	0.006	90	83211	20.0	16.4	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	77	81906	20.0	18.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	143148	50.0	50.4	
56 Carbon tetrachloride	117	4.393	4.393	0.000	99	64501	20.0	17.4	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	96	75858	20.0	16.9	
58 Isobutyl alcohol	43	4.539	4.533	0.006	97	43630	500.0	361.8	
59 Isooctane	57	4.588	4.582	0.006	97	194178	20.0	16.5	
60 Benzene	78	4.612	4.612	0.000	96	238926	20.0	17.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	162872	50.0	56.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	93	32450	20.0	24.3	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	91	172650	20.0	19.6	
64 1,2-Dichloroethane	62	4.698	4.691	0.007	97	74014	20.0	20.6	
65 n-Heptane	100	4.771	4.758	0.013	90	13073	20.0	16.3	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	605783	50.0	50.0	
67 n-Butanol	56	5.185	5.179	0.006	90	27783	500.0	415.4	
68 Trichloroethene	95	5.228	5.228	0.000	99	55778	20.0	16.8	
69 Methylcyclohexane	83	5.350	5.350	0.000	80	94152	20.0	16.5	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	7185	20.0	17.8	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	91	57989	20.0	17.0	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	25061	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.588	0.000	88	27784	40.0	46.6	
75 1,4-Dioxane	88	5.618	5.612	0.006	83	10225	400.0	343.0	
74 Dibromomethane	93	5.630	5.630	0.000	96	34938	20.0	21.1	
76 n-Propyl acetate	43	5.642	5.642	0.000	98	67976	20.0	21.9	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	68130	20.0	18.3	
78 2-Nitropropane	41	6.112	6.106	0.006	81	22053	40.0	45.2	
79 2-Chloroethyl vinyl ether	63	6.118	6.112	0.006	84	32286	20.0	21.7	
80 Epichlorohydrin	57	6.216	6.215	0.001	99	95296	400.0	382.4	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	88707	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	96	97967	100.0	93.9	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	578955	50.0	49.8	
84 Toluene	91	6.587	6.587	0.000	94	244442	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.929	6.929	0.000	96	75075	20.0	20.1	
86 Ethyl methacrylate	69	6.971	6.971	0.000	88	68545	20.0	22.2	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	43473	20.0	21.2	
88 Tetrachloroethene	166	7.179	7.179	0.000	97	56086	20.0	16.7	
89 1,3-Dichloropropane	76	7.349	7.343	0.006	94	81833	20.0	21.0	
90 2-Hexanone	43	7.417	7.416	0.000	95	147174	100.0	91.1	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	73102	20.0	21.0	
92 Chlorodibromomethane	129	7.569	7.569	0.000	98	49725	20.0	20.3	
93 Ethylene Dibromide	107	7.715	7.715	0.000	98	48735	20.0	22.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	426337	50.0	50.0	
95 Chlorobenzene	112	8.300	8.294	0.006	95	151575	20.0	17.6	
96 Ethylbenzene	106	8.404	8.404	0.000	98	85764	20.0	17.6	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	95	52581	20.0	17.9	
98 m-Xylene & p-Xylene	106	8.563	8.563	0.000	0	104191	20.0	17.8	
99 o-Xylene	106	9.081	9.081	0.000	95	104102	20.0	18.0	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	41448	20.0	20.8	
101 Styrene	104	9.117	9.117	0.000	96	171867	20.0	19.8	
102 Bromoform	173	9.367	9.367	0.000	96	29213	20.0	19.1	
103 Amyl acetate (mixed isomers)	43	9.373	9.373	0.000	92	89899	20.0	20.4	
104 Isopropylbenzene	105	9.526	9.526	0.000	96	235533	20.0	18.5	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	91	175060	50.0	49.5	
106 Bromobenzene	156	9.898	9.892	0.006	98	66401	20.0	18.1	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	64626	20.0	22.5	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	306920	20.0	18.4	
109 1,2,3-Trichloropropane	110	10.007	10.014	-0.007	97	18206	20.0	22.6	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	73	4477	20.0	7.57	a
111 2-Chlorotoluene	91	10.099	10.099	0.000	96	215803	20.0	18.2	
112 4-Ethyltoluene	105	10.117	10.117	0.000	98	256215	20.0	18.2	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	217200	20.0	18.9	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	208230	20.0	17.9	
115 Butyl Methacrylate	87	10.318	10.318	0.000	91	72742	20.0	14.9	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	178243	20.0	18.2	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	97	231304	20.0	19.1	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	279555	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	131162	20.0	18.4	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	243463	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	236036	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.940	10.940	0.000	96	132173	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	251940	20.0	19.6	
124 Benzyl chloride	91	11.087	11.086	0.001	99	113308	20.0	22.9	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	236522	20.0	19.4	
126 p-Diethylbenzene	119	11.215	11.214	0.001	93	153597	20.0	18.2	
127 n-Butylbenzene	92	11.233	11.233	0.000	98	132502	20.0	18.0	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	129345	20.0	18.9	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	226910	20.0	18.9	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	94	10002	20.0	23.4	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	97	107500	20.0	17.5	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	102553	20.0	17.9	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	47229	20.0	15.1	
134 Naphthalene	128	12.769	12.769	0.000	99	230713	20.0	24.9	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	96197	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	34.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	35.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.2	
S 140 Total BTEX	1				0		100.0	88.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2024 19:51:31 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857279.D

Injection Date: 09-Oct-2024 19:01:30 Instrument ID: CVOAMS17

Lims ID: LCS

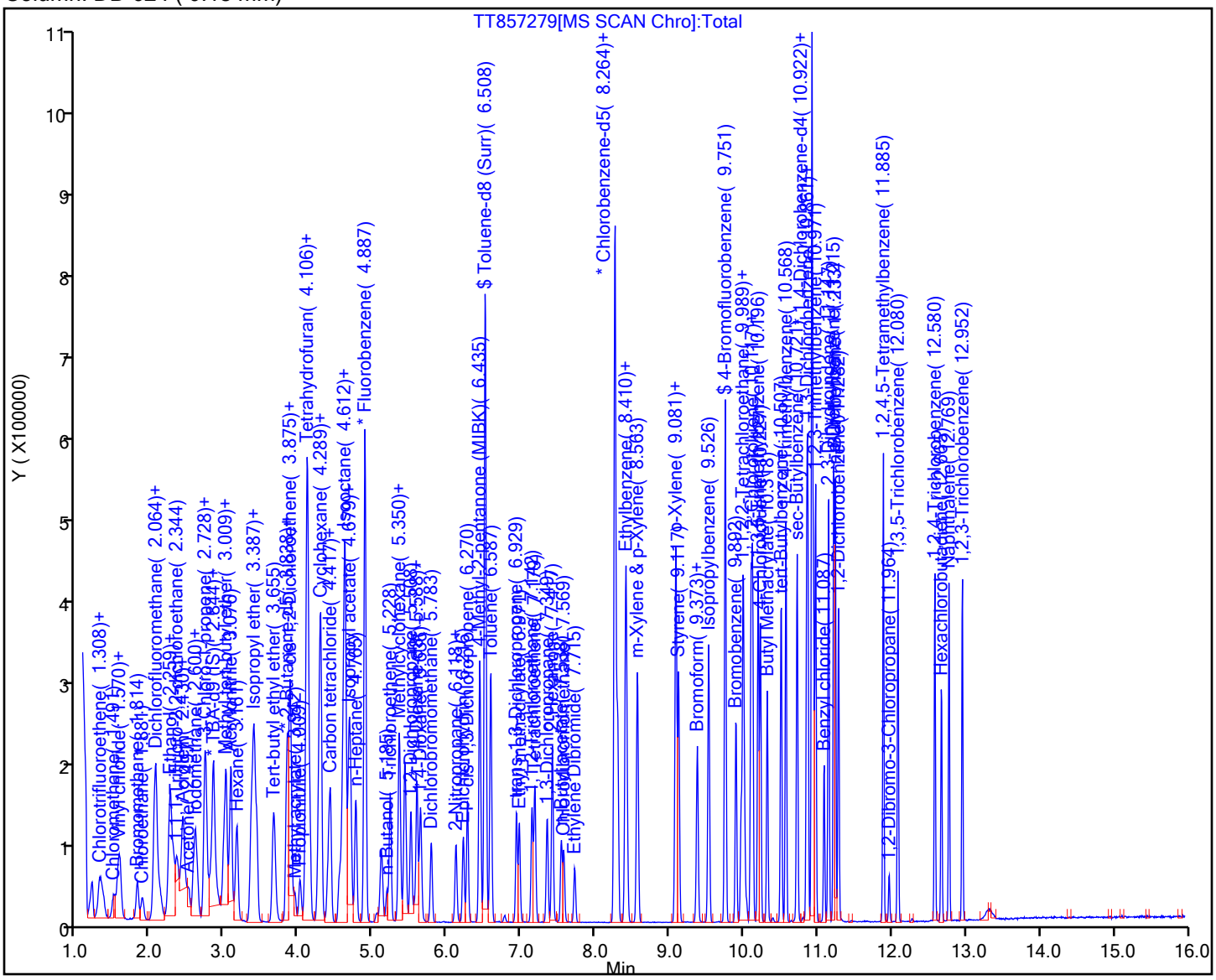
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857279.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2024 19:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0181961-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 19:03:11 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: XE5L Date: 10-Oct-2024 18:54:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.4	100.85
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.2	112.47
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.65
$ 105 4-Bromofluorobenzene	50.0	49.5	99.09

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1001940/3

Matrix: Water | Lab File ID: K65061.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 08:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.20
75-34-3	1,1-Dichloroethane	23.1		1.0	0.26
75-35-4	1,1-Dichloroethene	24.7		1.0	0.26
107-06-2	1,2-Dichloroethane	21.4		1.0	0.43
78-87-5	1,2-Dichloropropane	22.3		1.0	0.35
591-78-6	2-Hexanone	108		5.0	1.1
67-64-1	Acetone	101		5.0	4.4
71-43-2	Benzene	17.4		1.0	0.20
75-27-4	Bromodichloromethane	21.9		1.0	0.34
75-25-2	Bromoform	20.3		1.0	0.54
74-83-9	Bromomethane	23.1		1.0	0.55
75-15-0	Carbon disulfide	23.8		1.0	0.82
56-23-5	Carbon tetrachloride	24.5		1.0	0.21
108-90-7	Chlorobenzene	18.6		1.0	0.38
75-00-3	Chloroethane	22.1		1.0	0.32
67-66-3	Chloroform	23.1		1.0	0.33
74-87-3	Chloromethane	22.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.6		1.0	0.22
124-48-1	Dibromochloromethane	18.7		1.0	0.28
100-41-4	Ethylbenzene	18.8		1.0	0.30
78-93-3	Methyl Ethyl Ketone	109		5.0	1.9
108-10-1	methyl isobutyl ketone	102		5.0	1.3
75-09-2	Methylene Chloride	23.4		1.0	0.32
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	19.3		1.0	0.25
108-88-3	Toluene	18.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	24.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.2		1.0	0.22
79-01-6	Trichloroethene	21.3		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1001940/3

Matrix: Water | Lab File ID: K65061.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 08:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	37.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	115		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	82		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65061.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2024 08:56:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0182275-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:34:24 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: RD6L Date: 17-Oct-2024 09:22:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.085	1.073	0.012	53	24188	20.0	18.2	
5 Chlorodifluoromethane	67	1.096	1.096	0.000	95	16796	20.0	21.9	
3 Dichlorodifluoromethane	85	1.096	1.107	-0.011	54	123312	20.0	22.2	
6 Chloromethane	50	1.199	1.199	0.000	99	177998	20.0	22.0	
8 Butadiene	54	1.233	1.245	-0.012	92	115645	20.0	21.4	
7 Vinyl chloride	62	1.256	1.256	0.000	97	119322	20.0	20.1	
9 Bromomethane	94	1.405	1.416	-0.011	99	89742	20.0	23.1	
10 Chloroethane	64	1.416	1.416	0.000	74	71378	20.0	22.1	
11 Dichlorofluoromethane	67	1.530	1.542	-0.012	98	198375	20.0	22.6	
13 Pentane	57	1.542	1.542	0.000	97	40828	40.0	44.3	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	98	127138	20.0	22.9	M
14 Ethanol	46	1.645	1.633	0.012	66	15160	800.0	686.3	
15 Ethyl ether	59	1.633	1.645	-0.012	93	64569	20.0	23.7	
17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	85	75706	20.0	22.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.656	1.690	-0.034	83	80654	20.0	24.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.713	-0.011	92	133334	20.0	23.2	
19 Acrolein	56	1.702	1.713	-0.011	54	38320	40.0	50.1	
20 1,1-Dichloroethene	96	1.782	1.782	0.000	97	84622	20.0	24.7	
22 Acetone	58	1.782	1.782	0.000	75	35832	100.0	101.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.816	-0.011	95	89548	20.0	24.2	
24 Isopropyl alcohol	45	1.850	1.850	0.000	29	39590	200.0	172.5	
23 Iodomethane	142	1.862	1.873	-0.011	97	151286	20.0	24.5	
25 Carbon disulfide	76	1.908	1.907	0.001	98	381091	20.0	23.8	
27 3-Chloro-1-propene	76	1.908	1.953	-0.045	87	381091	20.0	23.8	a
26 Acetonitrile	40	1.953	1.953	0.000	81	87805	200.0	236.3	
28 Methyl acetate	43	1.953	1.953	0.000	60	93595	40.0	34.0	
29 Cyclopentene	67	2.010	2.010	0.000	93	188420	20.0	22.7	
30 Methylene Chloride	84	2.022	2.022	0.000	90	103586	20.0	23.4	
* 31 TBA-d9 (IS)	65	2.056	2.045	0.011	98	431114	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.102	2.090	0.012	91	68292	200.0	162.5	
33 Acrylonitrile	53	2.148	2.147	0.001	94	290913	200.0	230.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	94	87279	20.0	24.6	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	96	241086	20.0	24.0	
36 Hexane	57	2.330	2.330	0.000	92	76753	20.0	21.3	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	99	147485	20.0	23.1	
38 Vinyl acetate	86	2.433	2.433	0.000	100	26292	40.0	44.0	
39 Isopropyl ether	45	2.468	2.468	0.000	89	237550	20.0	21.6	
40 2-Chloro-1,3-butadiene	88	2.479	2.490	-0.011	87	72054	20.0	25.3	
41 Tert-butyl ethyl ether	59	2.719	2.708	0.011	89	262680	20.0	22.4	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	99	277559	250.0	250.0	
47 Ethyl acetate	43	2.833	2.799	0.034	98	218334	40.0	36.8	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	98	35878	100.0	109.4	
45 cis-1,2-Dichloroethene	96	2.810	2.810	0.000	98	91844	20.0	23.7	
44 2,2-Dichloropropane	97	2.833	2.822	0.011	80	19258	20.0	15.7	
42 Propionitrile	54	2.833	2.833	0.000	96	99485	200.0	189.8	
48 Methyl acrylate	55	2.868	2.868	0.000	99	64847	20.0	21.4	
50 Methacrylonitrile	67	2.948	2.948	0.000	89	276187	200.0	229.6	
49 Chlorobromomethane	128	2.971	2.970	0.000	83	42299	20.0	24.5	
51 Tetrahydrofuran	42	3.005	3.016	-0.011	84	36147	40.0	37.5	
52 Chloroform	83	3.028	3.028	0.000	98	134404	20.0	23.1	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	96	163169	50.0	53.0	
54 1,1,1-Trichloroethane	97	3.188	3.188	0.000	98	120169	20.0	23.8	
55 Cyclohexane	84	3.245	3.245	0.000	90	124982	20.0	23.1	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	93706	20.0	22.1	
56 Carbon tetrachloride	117	3.313	3.325	-0.012	95	100063	20.0	24.5	
61 Isobutyl alcohol	43	3.382	3.370	0.012	93	62302	500.0	448.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	152545	50.0	44.0	
59 Benzene	78	3.462	3.462	0.000	94	293095	20.0	17.4	
60 1,2-Dichloroethane	62	3.473	3.473	0.000	95	84951	20.0	21.4	
63 Isopropyl acetate	61	3.519	3.519	0.000	97	26788	20.0	23.1	a
62 Isooctane	57	3.542	3.553	-0.011	98	167033	20.0	22.8	
64 Tert-amyl methyl ether	73	3.565	3.576	-0.011	93	230565	20.0	23.7	
* 65 Fluorobenzene	96	3.691	3.690	0.001	98	434109	50.0	50.0	
66 n-Heptane	43	3.691	3.702	-0.011	43	49588	20.0	19.8	
68 n-Butanol	56	3.953	3.953	0.000	86	34546	500.0	464.5	
67 Trichloroethene	95	4.022	4.022	0.000	97	64692	20.0	21.3	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	60321	20.0	21.5	
70 Methylcyclohexane	83	4.228	4.228	0.000	95	113296	20.0	23.7	
71 1,2-Dichloropropane	63	4.228	4.228	0.000	94	70946	20.0	22.3	
* 72 1,4-Dioxane-d8	96	4.319	4.308	0.011	71	36249	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	98	42018	20.0	21.4	
75 Methyl methacrylate	100	4.354	4.353	0.001	89	28602	40.0	47.4	
74 1,4-Dioxane	88	4.365	4.365	0.000	31	14962	400.0	370.8	
76 n-Propyl acetate	43	4.422	4.422	0.000	99	65325	20.0	20.6	
77 Dichlorobromomethane	83	4.502	4.502	0.000	99	82909	20.0	21.9	
78 2-Nitropropane	41	4.742	4.742	0.000	97	20626	40.0	38.3	
79 2-Chloroethyl vinyl ether	63	4.834	4.833	0.001	95	33743	20.0	20.8	
80 Epichlorohydrin	57	4.879	4.879	0.000	99	116802	400.0	426.8	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	90	96947	20.0	16.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	95	271826	100.0	102.3	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	562782	50.0	41.0	
84 Toluene	91	5.359	5.359	0.000	92	275835	20.0	18.1	
85 trans-1,3-Dichloropropene	75	5.634	5.634	0.000	96	76762	20.0	16.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	5.782	5.782	0.000	87	69575	20.0	18.1	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	96	47445	20.0	18.9	
88 Tetrachloroethene	166	6.022	6.022	0.000	96	61635	20.0	19.3	
89 1,3-Dichloropropane	76	6.057	6.056	0.001	94	84530	20.0	17.0	
90 2-Hexanone	43	6.205	6.205	0.000	95	156131	100.0	107.6	
91 Chlorodibromomethane	129	6.331	6.331	0.000	98	59486	20.0	18.7	
92 n-Butyl acetate	43	6.411	6.411	0.000	99	70308	20.0	16.5	
93 Ethylene Dibromide	107	6.468	6.468	0.000	99	52820	20.0	19.0	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	85	420444	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	97	164742	20.0	18.6	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	95	66701	20.0	18.8	
97 Ethylbenzene	106	7.337	7.337	0.000	98	85692	20.0	18.8	
98 m-Xylene & p-Xylene	106	7.520	7.519	0.001	96	107834	20.0	19.4	
99 o-Xylene	106	8.091	8.091	0.000	93	104098	20.0	17.8	
100 Styrene	104	8.114	8.114	0.000	97	167630	20.0	19.4	
101 n-Butyl acrylate	73	8.148	8.148	0.000	98	44068	20.0	19.5	
102 Bromoform	173	8.342	8.342	0.000	93	36649	20.0	20.3	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	92	85028	20.0	12.3	
104 Isopropylbenzene	105	8.674	8.674	0.000	95	257382	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	91	189262	50.0	57.7	
106 Bromobenzene	156	9.074	9.074	0.000	98	69942	20.0	18.6	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	98	80348	20.0	17.6	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	98	59344	20.0	17.0	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	91	22000	20.0	15.2	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	320037	20.0	17.7	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	200645	20.0	17.2	
112 4-Ethyltoluene	105	9.520	9.520	0.000	100	258749	20.0	18.2	
113 4-Chlorotoluene	91	9.588	9.588	0.000	96	196677	20.0	17.5	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	93	234256	20.0	17.2	
115 Butyl Methacrylate	87	9.897	9.897	0.000	89	72190	20.0	13.2	
116 tert-Butylbenzene	119	10.137	10.137	0.000	94	171534	20.0	13.2	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	241333	20.0	17.2	
118 sec-Butylbenzene	105	10.446	10.445	0.001	99	271971	20.0	13.6	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	97	132934	20.0	18.6	
* 120 1,4-Dichlorobenzene-d4	152	10.594	10.605	-0.011	96	261431	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	97	140038	20.0	18.3	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	238385	20.0	17.5	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	98	280552	20.0	17.5	
124 Benzyl chloride	126	10.788	10.788	0.000	99	29721	20.0	20.9	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	264168	20.0	18.5	
126 1,2-Dichlorobenzene	146	10.983	10.983	0.000	97	145503	20.0	18.9	
127 p-Diethylbenzene	119	11.017	11.017	0.000	92	138615	20.0	18.4	
128 n-Butylbenzene	92	11.028	11.028	0.000	97	122791	20.0	18.2	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	94	15269	20.0	20.2	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	98	210932	20.0	12.7	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	96	98106	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	12.160	12.171	-0.011	94	92579	20.0	19.1	
133 Hexachlorobutadiene	225	12.274	12.286	-0.012	89	24863	20.0	18.5	
134 Naphthalene	128	12.297	12.308	-0.011	99	256474	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	97	97595	20.0	23.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	48.2	
S 138 Xylenes, Total	100				0		40.0	37.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	91.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
524FREONS_00025	Amount Added:	20.00	Units: uL	
GASES Li_00607	Amount Added:	20.00	Units: uL	
8260ISNEW_00207	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00251	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2024 14:47:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65061.D

Injection Date: 17-Oct-2024 08:56:30 Instrument ID: CVOAMS9 Operator ID:

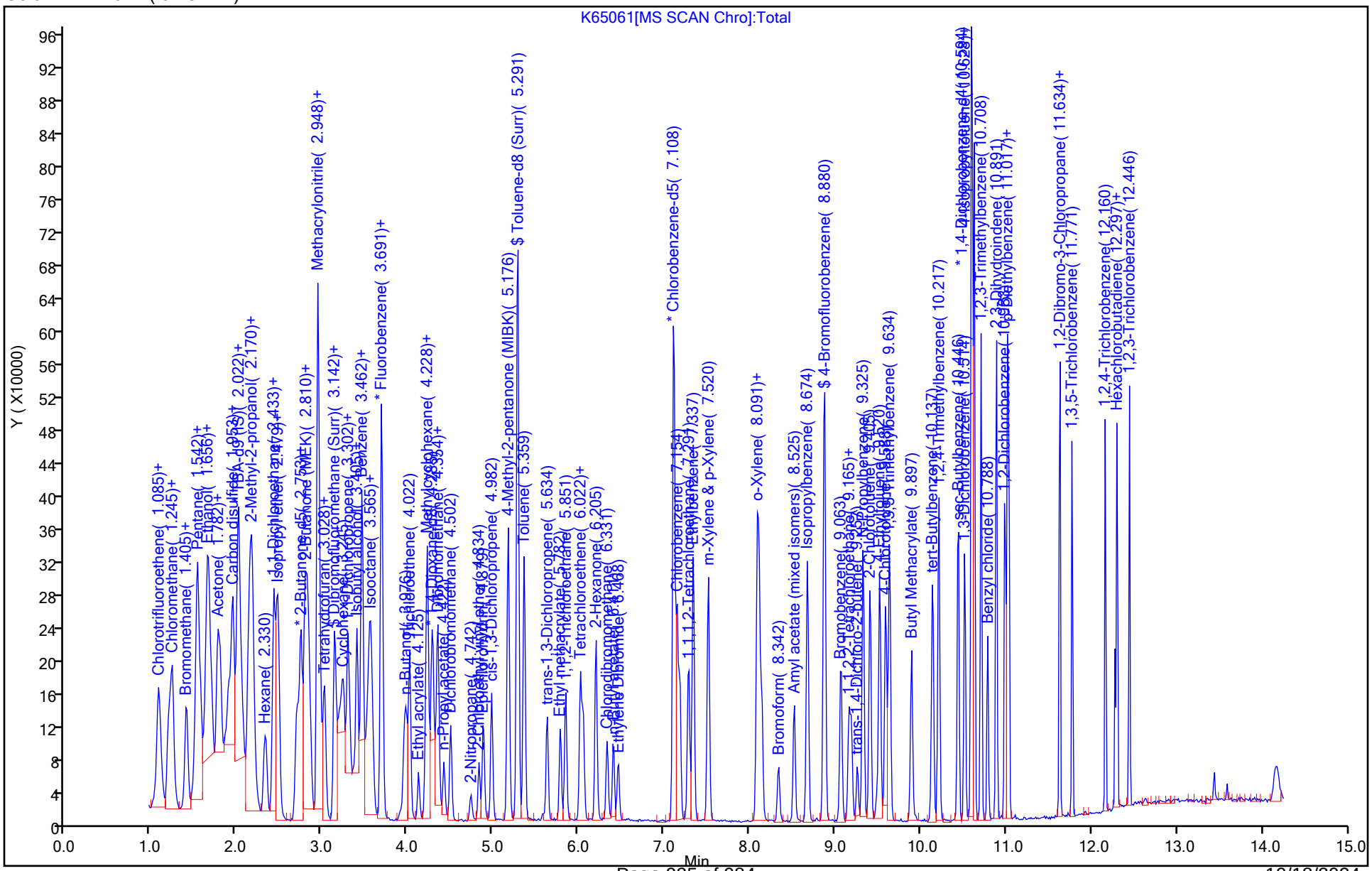
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65061.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2024 08:56:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0182275-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:34:24 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: RD6L Date: 17-Oct-2024 09:22:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.0	105.96
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.0	88.06
$ 83 Toluene-d8 (Surr)	50.0	41.0	81.98
$ 105 4-Bromofluorobenzene	50.0	57.7	115.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1000443/6

Matrix: Water | Lab File ID: TT857245.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 07:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.1		1.0	0.20
75-34-3	1,1-Dichloroethane	18.9		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
107-06-2	1,2-Dichloroethane	22.2		1.0	0.43
78-87-5	1,2-Dichloropropane	18.7		1.0	0.35
591-78-6	2-Hexanone	97.0		5.0	1.1
67-64-1	Acetone	93.5		5.0	4.4
71-43-2	Benzene	19.4		1.0	0.20
75-27-4	Bromodichloromethane	21.2		1.0	0.34
75-25-2	Bromoform	20.8		1.0	0.54
74-83-9	Bromomethane	19.7		1.0	0.55
75-15-0	Carbon disulfide	18.2		1.0	0.82
56-23-5	Carbon tetrachloride	19.5		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	20.3		1.0	0.32
67-66-3	Chloroform	20.3		1.0	0.33
74-87-3	Chloromethane	16.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
124-48-1	Dibromochloromethane	21.9		1.0	0.28
100-41-4	Ethylbenzene	19.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	102		5.0	1.9
108-10-1	methyl isobutyl ketone	101		5.0	1.3
75-09-2	Methylene Chloride	18.8		1.0	0.32
100-42-5	Styrene	21.8		1.0	0.42
127-18-4	Tetrachloroethene	18.5		1.0	0.25
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.1		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1000443/6

Matrix: Water | Lab File ID: TT857245.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 07:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.3		1.0	0.17
1330-20-7	Xylenes, Total	38.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857245.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2024 07:50:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0181932-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:55:20 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:42:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.217	1.211	0.007	27	1009	20.0	10.6	
3 Chlorotrifluoroethene	116	1.290	1.284	0.006	86	19320	20.0	21.0	
2 1,1-Difluoroethane	65	1.302	1.302	0.000	98	28892	20.0	17.8	a
4 Dichlorodifluoromethane	85	1.320	1.308	0.012	94	56853	20.0	17.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	97	11746	20.0	20.8	a
6 Chloromethane	50	1.503	1.491	0.012	98	66181	20.0	16.9	
7 Vinyl chloride	62	1.552	1.546	0.006	98	68615	20.0	18.3	
8 Butadiene	54	1.576	1.570	0.006	96	78306	20.0	19.4	
9 Bromomethane	94	1.814	1.814	0.000	99	52777	20.0	19.7	
10 Chloroethane	64	1.875	1.881	-0.006	99	42750	20.0	20.3	
11 Dichlorofluoromethane	67	2.040	2.040	0.000	98	125166	20.0	19.2	
12 Trichlorofluoromethane	101	2.064	2.058	0.006	62	81808	20.0	19.9	a
13 Pentane	72	2.064	2.070	-0.006	96	20318	40.0	37.9	
14 Ethanol	46	2.241	2.223	0.019	72	8840	800.0	614.2	
25 Isopropyl alcohol	45	2.235	2.235	0.000	78	58780	200.0	161.2	
15 Ethyl ether	74	2.235	2.241	-0.006	93	37730	20.0	20.9	
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	96	50891	20.0	18.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.290	2.290	0.000	90	57402	20.0	20.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.351	-0.007	96	90731	20.0	20.7	
19 Acrolein	56	2.399	2.399	0.000	94	18656	40.0	44.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.424	-0.013	92	53463	20.0	18.3	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	98	59485	20.0	19.4	
22 Acetone	43	2.503	2.503	0.000	88	72613	100.0	93.5	
23 Iodomethane	142	2.570	2.570	0.000	96	102581	20.0	18.9	
24 Carbon disulfide	76	2.607	2.600	0.006	99	207791	20.0	18.2	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	90	35902	20.0	16.3	
27 Methyl acetate	43	2.722	2.729	-0.006	84	75848	40.0	46.6	
28 Cyclopentene	67	2.741	2.735	0.006	90	129180	20.0	18.3	
29 Acetonitrile	41	2.771	2.771	0.000	96	58798	200.0	153.7	a
30 Methylene Chloride	84	2.844	2.832	0.012	90	70190	20.0	18.8	
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	34762	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.899	0.000	91	53328	200.0	204.5	a
33 Methyl tert-butyl ether	73	2.984	2.985	-0.001	96	180736	20.0	22.5	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	95	64894	20.0	18.4	
35 Acrylonitrile	53	3.076	3.076	0.000	96	216332	200.0	259.1	
36 Hexane	57	3.161	3.155	0.006	91	77343	20.0	16.5	
37 Isopropyl ether	45	3.350	3.356	-0.006	93	190587	20.0	18.0	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	65	114346	20.0	18.9	
39 Vinyl acetate	86	3.393	3.393	0.000	100	24840	40.0	38.0	
40 2-Chloro-1,3-butadiene	88	3.423	3.417	0.006	92	53980	20.0	18.3	
41 Tert-butyl ethyl ether	59	3.655	3.655	0.000	89	188466	20.0	19.8	
* 42 2-Butanone-d5	46	3.826	3.826	0.000	0	258684	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.850	0.012	93	22809	20.0	20.2	a
44 cis-1,2-Dichloroethene	96	3.875	3.875	0.000	97	73346	20.0	19.9	
45 2-Butanone (MEK)	72	3.887	3.881	0.006	96	31029	100.0	102.2	
46 Ethyl acetate	70	3.887	3.887	0.000	96	12277	40.0	38.7	
47 Methyl acrylate	55	3.936	3.942	-0.006	99	49275	20.0	26.2	
48 Propionitrile	54	4.009	4.009	0.000	98	75329	200.0	204.4	
50 Tetrahydrofuran	72	4.082	4.076	0.006	58	15531	40.0	45.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	80	34444	20.0	20.8	
51 Methacrylonitrile	67	4.106	4.106	0.000	91	245956	200.0	268.3	
52 Chloroform	83	4.137	4.143	-0.006	99	109466	20.0	20.3	
53 Cyclohexane	84	4.265	4.265	0.000	93	85753	20.0	17.2	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	97	92230	20.0	20.7	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	140753	50.0	50.6	
56 Carbon tetrachloride	117	4.387	4.393	-0.006	99	71011	20.0	19.5	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	97	84018	20.0	19.1	
58 Isobutyl alcohol	43	4.545	4.539	0.006	95	47156	500.0	412.8	
59 Isooctane	57	4.588	4.582	0.006	98	202225	20.0	17.6	
60 Benzene	78	4.606	4.612	-0.006	96	259392	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	164215	50.0	57.9	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	30251	20.0	23.2	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	92	206310	20.0	23.9	
64 1,2-Dichloroethane	62	4.691	4.692	-0.001	96	78092	20.0	22.2	
65 n-Heptane	100	4.765	4.759	0.006	90	14580	20.0	18.5	
* 66 Fluorobenzene	96	4.887	4.887	0.000	99	593231	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	28895	500.0	456.1	
68 Trichloroethene	95	5.222	5.222	0.000	99	63327	20.0	19.5	
70 Ethyl acrylate	99	5.350	5.350	0.000	95	9299	20.0	23.5	a
69 Methylcyclohexane	83	5.350	5.350	0.000	78	101851	20.0	18.2	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	90	62468	20.0	18.7	
* 72 1,4-Dioxane-d8	96	5.551	5.551	0.000	0	22086	1000.0	1000.0	
73 Methyl methacrylate	100	5.588	5.594	-0.006	87	29486	40.0	50.5	
75 1,4-Dioxane	88	5.612	5.612	0.000	84	11537	400.0	439.1	
74 Dibromomethane	93	5.630	5.630	0.000	96	37504	20.0	23.1	
76 n-Propyl acetate	43	5.643	5.643	-0.001	98	71650	20.0	23.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	98	77130	20.0	21.2	
78 2-Nitropropane	41	6.112	6.112	0.000	81	23727	40.0	49.6	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	85	32419	20.0	22.2	
80 Epichlorohydrin	57	6.216	6.210	0.006	99	101385	400.0	410.1	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	94526	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	96	104454	100.0	101.0	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	100	554527	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.581	6.581	0.000	93	270701	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.929	6.929	0.000	97	78301	20.0	21.1	
86 Ethyl methacrylate	69	6.965	6.972	-0.007	89	74297	20.0	24.2	
87 1,1,2-Trichloroethane	83	7.136	7.142	-0.006	97	44933	20.0	22.1	
88 Tetrachloroethene	166	7.179	7.179	0.000	97	61739	20.0	18.5	
89 1,3-Dichloropropane	76	7.343	7.343	0.000	94	85975	20.0	22.2	
90 2-Hexanone	43	7.417	7.417	0.000	95	155321	100.0	97.0	
91 n-Butyl acetate	43	7.538	7.539	-0.001	98	74619	20.0	21.6	
92 Chlorodibromomethane	129	7.569	7.569	0.000	99	53134	20.0	21.9	
93 Ethylene Dibromide	107	7.715	7.715	0.000	100	50279	20.0	23.8	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	422939	50.0	50.0	
95 Chlorobenzene	112	8.294	8.294	0.000	96	169727	20.0	19.9	
96 Ethylbenzene	106	8.404	8.410	-0.006	98	91867	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.416	0.006	94	57861	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	111283	20.0	19.2	
99 o-Xylene	106	9.081	9.087	-0.006	94	109780	20.0	19.2	
100 n-Butyl acrylate	73	9.087	9.087	0.000	99	44755	20.0	22.7	
101 Styrene	104	9.117	9.118	-0.001	96	187654	20.0	21.8	
102 Bromoform	173	9.367	9.361	0.006	97	31590	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	9.373	9.374	-0.001	92	95813	20.0	22.3	
104 Isopropylbenzene	105	9.526	9.526	0.000	96	260266	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	172002	50.0	49.1	
106 Bromobenzene	156	9.898	9.898	0.000	97	70924	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	69305	20.0	24.8	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	341182	20.0	21.0	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	19998	20.0	25.5	
110 trans-1,4-Dichloro-2-butene	53	10.117	10.038	0.079	44	4753	20.0	8.25	
111 2-Chlorotoluene	91	10.099	10.099	0.000	97	235214	20.0	20.3	
112 4-Ethyltoluene	105	10.117	10.117	0.000	98	287363	20.0	21.0	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	-0.001	94	240574	20.0	21.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	240762	20.0	21.3	
115 Butyl Methacrylate	87	10.318	10.318	0.000	91	80832	20.0	17.0	
116 tert-Butylbenzene	119	10.501	10.507	-0.006	94	202683	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	97	255550	20.0	21.7	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	318618	20.0	21.9	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	142422	20.0	20.6	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	272104	20.0	21.8	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	229800	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.940	10.940	0.000	95	143831	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	276056	20.0	22.1	
124 Benzyl chloride	91	11.087	11.087	0.000	98	127114	20.0	26.4	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	94	260974	20.0	22.0	
126 p-Diethylbenzene	119	11.215	11.215	0.000	93	171762	20.0	20.9	
127 n-Butylbenzene	92	11.233	11.233	0.000	98	150689	20.0	21.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	95	140081	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	248512	20.0	21.3	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.965	0.000	96	10642	20.0	25.5	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	97	115644	20.0	19.3	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	107028	20.0	19.2	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	52308	20.0	17.2	
134 Naphthalene	128	12.769	12.769	0.000	99	248193	20.0	27.5	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	106997	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 137 Xylenes, Total	100				0		40.0	38.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.5	
S 140 Total BTEX	1				0		100.0	96.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Oct-2024 13:55:26 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857245.D

Injection Date: 09-Oct-2024 07:50:30 Instrument ID: CVOAMS17

Lims ID: LCSD

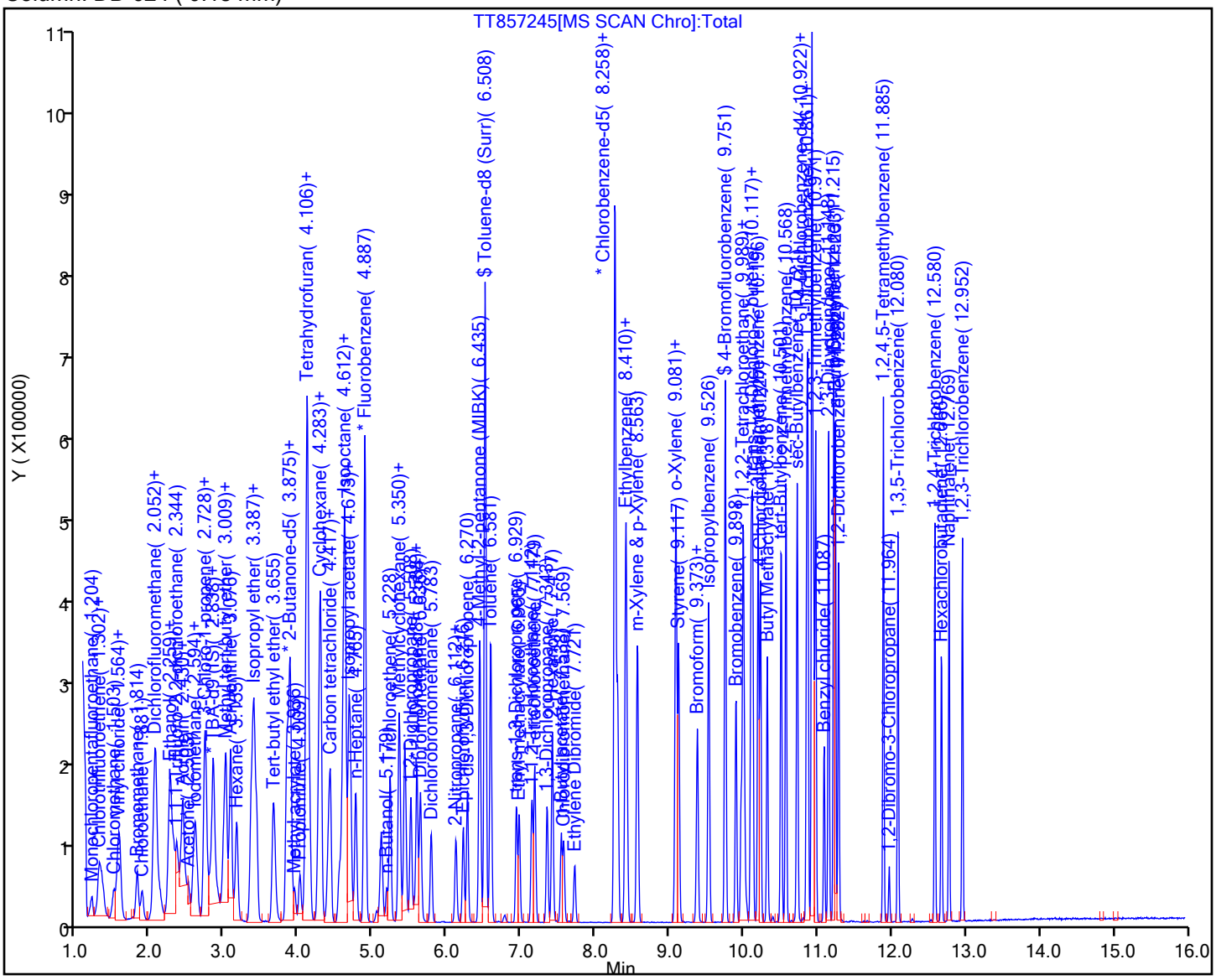
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857245.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2024 07:50:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0181932-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Oct-2024 13:55:20 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: FK2C Date: 09-Oct-2024 09:42:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.6	101.26
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.9	115.80
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.21
$ 105 4-Bromofluorobenzene	50.0	49.1	98.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1000575/5

Matrix: Water | Lab File ID: TT857280.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 19:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.20
75-34-3	1,1-Dichloroethane	17.5		1.0	0.26
75-35-4	1,1-Dichloroethene	17.1		1.0	0.26
107-06-2	1,2-Dichloroethane	20.8		1.0	0.43
78-87-5	1,2-Dichloropropane	16.9		1.0	0.35
591-78-6	2-Hexanone	93.3		5.0	1.1
67-64-1	Acetone	86.0		5.0	4.4
71-43-2	Benzene	17.7		1.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.34
75-25-2	Bromoform	19.3		1.0	0.54
74-83-9	Bromomethane	17.0		1.0	0.55
75-15-0	Carbon disulfide	17.7		1.0	0.82
56-23-5	Carbon tetrachloride	18.1		1.0	0.21
108-90-7	Chlorobenzene	17.8		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	18.7		1.0	0.33
74-87-3	Chloromethane	16.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.22
124-48-1	Dibromochloromethane	20.3		1.0	0.28
100-41-4	Ethylbenzene	17.1		1.0	0.30
78-93-3	Methyl Ethyl Ketone	93.7		5.0	1.9
108-10-1	methyl isobutyl ketone	94.4		5.0	1.3
75-09-2	Methylene Chloride	17.6		1.0	0.32
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	16.5		1.0	0.25
108-88-3	Toluene	17.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.22
79-01-6	Trichloroethene	17.9		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1000575/5

Matrix: Water | Lab File ID: TT857280.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 19:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000575 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	14.5		1.0	0.17
1330-20-7	Xylenes, Total	35.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857280.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2024 19:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0181961-005
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 19:03:11 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 19:46:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.211	0.006	1	365	20.0	4.71	
3 Chlorotrifluoroethene	116	1.277	1.284	-0.007	68	10483	20.0	11.1	
2 1,1-Difluoroethane	65	1.302	1.302	0.000	97	21560	20.0	12.9	a
4 Dichlorodifluoromethane	85	1.314	1.314	0.000	98	60944	20.0	18.5	
5 Chlorodifluoromethane	67	1.344	1.351	-0.007	97	9196	20.0	15.8	
6 Chloromethane	50	1.485	1.491	-0.006	100	65147	20.0	16.2	
7 Vinyl chloride	62	1.539	1.546	-0.007	97	56142	20.0	14.5	
8 Butadiene	54	1.570	1.570	0.000	92	64944	20.0	15.6	
9 Bromomethane	94	1.808	1.814	-0.006	99	47016	20.0	17.0	
10 Chloroethane	64	1.875	1.875	0.000	99	37226	20.0	17.2	
11 Dichlorofluoromethane	67	2.039	2.046	-0.007	98	107641	20.0	16.0	
12 Trichlorofluoromethane	101	2.052	2.064	-0.012	55	71413	20.0	16.8	
13 Pentane	72	2.064	2.064	0.000	98	20633	40.0	37.4	
14 Ethanol	46	2.204	2.228	-0.024	86	7161	800.0	485.9	
15 Ethyl ether	74	2.241	2.241	0.000	93	38166	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.259	2.265	-0.006	94	47701	20.0	16.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.296	0.006	70	54716	20.0	18.8	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.344	0.000	96	81490	20.0	18.1	
19 Acrolein	56	2.387	2.399	-0.012	94	18213	40.0	42.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	77	51962	20.0	17.2	
21 1,1-Dichloroethene	96	2.423	2.436	-0.013	98	54094	20.0	17.1	
22 Acetone	43	2.503	2.509	-0.006	88	67143	100.0	86.0	
23 Iodomethane	142	2.564	2.570	-0.006	97	99745	20.0	17.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	25370	200.0	64.2	a
24 Carbon disulfide	76	2.600	2.606	-0.006	99	207571	20.0	17.7	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	91	36505	20.0	16.1	
27 Methyl acetate	43	2.728	2.728	0.000	85	75518	40.0	45.0	
28 Cyclopentene	67	2.734	2.734	0.000	94	124062	20.0	17.0	
29 Acetonitrile	41	2.777	2.771	0.006	89	49104	200.0	127.7	a
* 31 TBA-d9 (IS)	66	2.850	2.826	0.024	0	35765	1000.0	1000.0	
30 Methylene Chloride	84	2.832	2.844	-0.012	90	67874	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.881	2.893	-0.012	33	51899	200.0	193.4	a
33 Methyl tert-butyl ether	73	2.984	2.978	0.006	97	172180	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	95	63378	20.0	17.5	
35 Acrylonitrile	53	3.070	3.076	-0.006	96	196047	200.0	227.9	
36 Hexane	57	3.155	3.155	0.000	93	80092	20.0	16.6	
37 Isopropyl ether	45	3.350	3.356	-0.006	94	181665	20.0	16.7	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	67	109198	20.0	17.5	
39 Vinyl acetate	86	3.393	3.393	0.000	100	22123	40.0	33.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	52179	20.0	17.2	
41 Tert-butyl ethyl ether	59	3.649	3.655	-0.006	90	181050	20.0	18.5	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	260136	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.856	-0.006	96	20173	20.0	17.4	
44 cis-1,2-Dichloroethene	96	3.868	3.874	-0.006	96	68180	20.0	18.0	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	28621	100.0	93.7	
46 Ethyl acetate	70	3.880	3.893	-0.013	95	11771	40.0	36.9	
47 Methyl acrylate	55	3.941	3.942	-0.001	98	44414	20.0	22.9	
48 Propionitrile	54	4.002	4.009	-0.007	98	73689	200.0	194.4	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	58	13789	40.0	40.1	
49 Chlorobromomethane	128	4.088	4.088	0.000	82	34231	20.0	20.1	
51 Methacrylonitrile	67	4.106	4.106	0.000	90	227580	200.0	240.9	
52 Chloroform	83	4.137	4.143	-0.006	98	103952	20.0	18.7	
53 Cyclohexane	84	4.265	4.259	0.006	92	87513	20.0	17.1	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	96	85172	20.0	18.6	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	148307	50.0	51.8	
56 Carbon tetrachloride	117	4.393	4.393	0.000	98	67636	20.0	18.1	
57 1,1-Dichloropropene	75	4.417	4.417	0.000	97	79425	20.0	17.5	
58 Isobutyl alcohol	43	4.539	4.533	0.006	96	50439	500.0	429.1	a
59 Isooctane	57	4.582	4.582	0.000	98	202169	20.0	17.1	
60 Benzene	78	4.606	4.612	-0.006	96	246920	20.0	17.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.624	-0.006	0	168690	50.0	57.7	
63 Isopropyl acetate	61	4.667	4.673	-0.006	92	29677	20.0	22.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	88	179801	20.0	20.2	
64 1,2-Dichloroethane	62	4.691	4.691	0.000	97	75557	20.0	20.8	
65 n-Heptane	100	4.758	4.758	0.000	89	14526	20.0	17.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	611206	50.0	50.0	
67 n-Butanol	56	5.185	5.179	0.006	87	27542	500.0	422.5	
68 Trichloroethene	95	5.228	5.228	0.000	98	59819	20.0	17.9	
69 Methylcyclohexane	83	5.356	5.350	0.006	83	101806	20.0	17.6	
70 Ethyl acrylate	99	5.344	5.350	-0.006	95	8292	20.0	20.3	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	91	58204	20.0	16.9	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	23051	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.588	0.006	89	27098	40.0	45.1	
75 1,4-Dioxane	88	5.612	5.612	0.000	84	10029	400.0	365.8	
74 Dibromomethane	93	5.630	5.630	0.000	95	34844	20.0	20.9	
76 n-Propyl acetate	43	5.642	5.642	0.000	98	67583	20.0	21.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	70339	20.0	18.8	
78 2-Nitropropane	41	6.106	6.106	0.000	83	21392	40.0	43.4	
79 2-Chloroethyl vinyl ether	63	6.112	6.112	0.000	81	31559	20.0	21.0	
80 Epichlorohydrin	57	6.215	6.215	0.000	99	97550	400.0	392.4	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	89840	20.0	17.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	95	98245	100.0	94.4	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	577376	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.581	6.587	-0.006	93	254356	20.0	17.4	
85 trans-1,3-Dichloropropene	75	6.929	6.929	0.000	98	72999	20.0	18.9	
86 Ethyl methacrylate	69	6.971	6.971	0.000	90	70187	20.0	22.0	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	40901	20.0	19.3	
88 Tetrachloroethene	166	7.179	7.179	0.000	95	57292	20.0	16.5	
89 1,3-Dichloropropane	76	7.349	7.343	0.006	93	82766	20.0	20.5	
90 2-Hexanone	43	7.416	7.416	0.000	95	150368	100.0	93.3	
91 n-Butyl acetate	43	7.538	7.538	0.000	98	71432	20.0	19.9	
92 Chlorodibromomethane	129	7.569	7.569	0.000	99	51404	20.0	20.3	
93 Ethylene Dibromide	107	7.715	7.715	0.000	99	48417	20.0	22.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	440657	50.0	50.0	
95 Chlorobenzene	112	8.300	8.294	0.006	96	158101	20.0	17.8	
96 Ethylbenzene	106	8.404	8.404	0.000	98	86139	20.0	17.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	95	54567	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.563	8.563	-0.001	0	106395	20.0	17.6	
99 o-Xylene	106	9.081	9.081	0.000	95	108769	20.0	18.2	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	40703	20.0	19.8	
101 Styrene	104	9.117	9.117	0.000	96	174487	20.0	19.4	
102 Bromoform	173	9.367	9.367	0.000	97	30549	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	9.373	9.373	0.000	93	89767	20.0	20.1	
104 Isopropylbenzene	105	9.526	9.526	0.000	96	244522	20.0	18.6	
$ 105 4-Bromofluorobenzene	174	9.751	9.751	0.000	92	180505	50.0	49.4	
106 Bromobenzene	156	9.898	9.892	0.006	96	68537	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	65066	20.0	22.4	
108 N-Propylbenzene	91	9.989	9.989	0.000	99	323076	20.0	19.1	
109 1,2,3-Trichloropropane	110	10.007	10.014	-0.007	98	18601	20.0	22.8	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	74	4885	20.0	8.16	a
111 2-Chlorotoluene	91	10.099	10.099	0.000	97	222578	20.0	18.5	
112 4-Ethyltoluene	105	10.117	10.117	0.000	98	269499	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	226873	20.0	19.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	223400	20.0	19.0	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	75542	20.0	15.3	
116 tert-Butylbenzene	119	10.501	10.507	-0.006	94	186363	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	10.568	10.568	0.000	98	238470	20.0	19.5	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	293740	20.0	19.4	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	132534	20.0	18.4	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	248907	20.0	19.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	238832	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.940	10.940	0.000	96	136449	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	259213	20.0	19.9	
124 Benzyl chloride	91	11.086	11.086	0.000	99	113382	20.0	22.6	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	247749	20.0	20.1	
126 p-Diethylbenzene	119	11.214	11.214	0.000	93	158189	20.0	18.5	
127 n-Butylbenzene	92	11.233	11.233	0.000	97	138335	20.0	18.6	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	133201	20.0	19.3	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	234127	20.0	19.3	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	95	9554	20.0	22.1	
131 1,3,5-Trichlorobenzene	180	12.080	12.080	0.000	97	110120	20.0	17.7	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	104352	20.0	18.0	
133 Hexachlorobutadiene	225	12.671	12.672	-0.001	97	46991	20.0	14.9	
134 Naphthalene	128	12.769	12.769	0.000	99	232258	20.0	24.8	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	99390	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.5	
S 137 Xylenes, Total	100				0		40.0	35.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.6	
S 140 Total BTEX	1				0		100.0	88.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00194	Amount Added: 20.00	Units: uL		
GASES Li_00606	Amount Added: 20.00	Units: uL		
ACROLEIN W_00175	Amount Added: 4.00	Units: uL		
VOA6IS/SURR_00077	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 10-Oct-2024 19:51:48 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857280.D

Injection Date: 09-Oct-2024 19:20:30 Instrument ID: CVOAMS17

Lims ID: LCSD

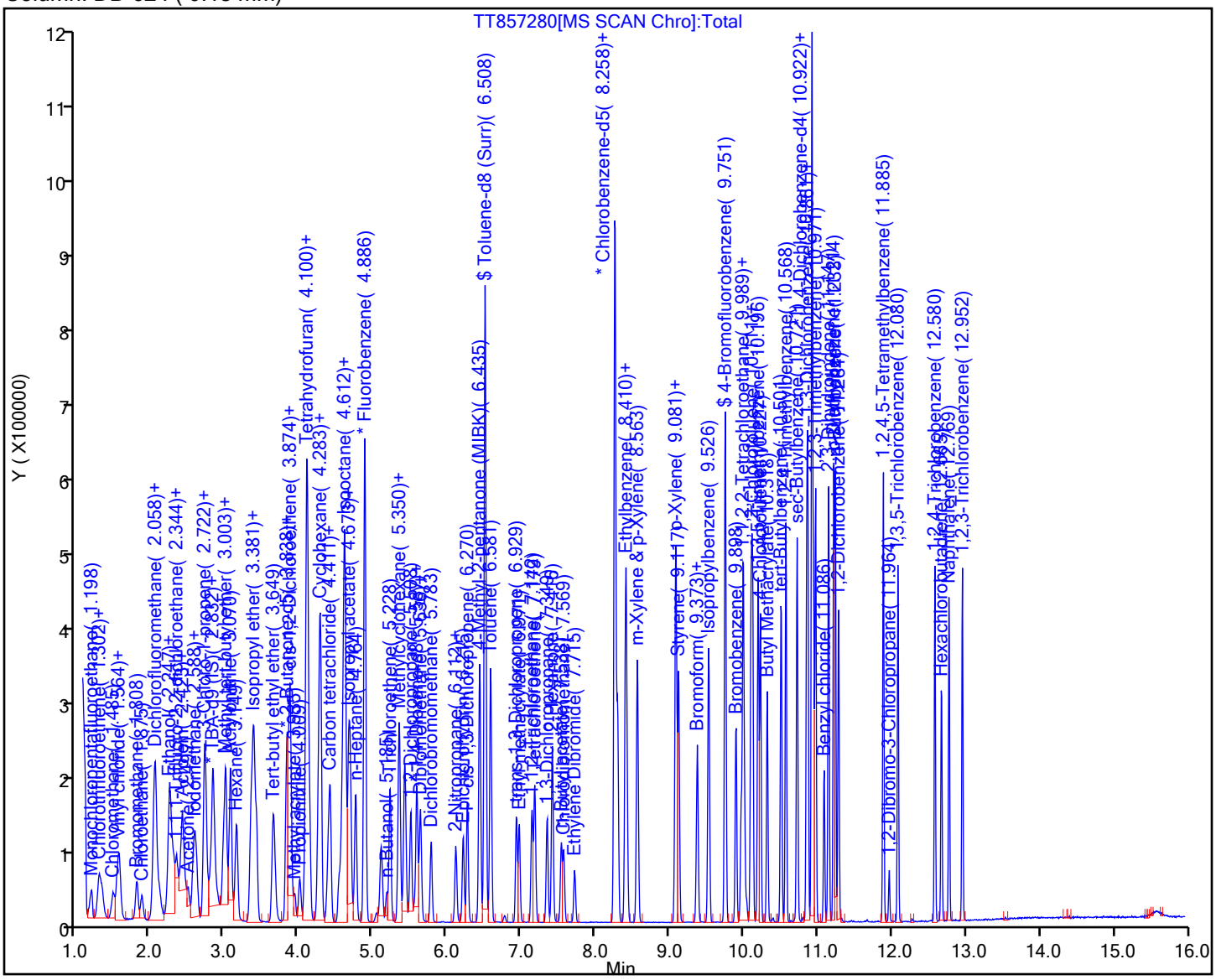
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\TT857280.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2024 19:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0181961-005
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181961.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 19:03:11 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 19:46:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.56
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.7	115.46
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.15
$ 105 4-Bromofluorobenzene	50.0	49.4	98.85

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1001940/6

Matrix: Water | Lab File ID: K65064.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 10:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.20
75-34-3	1,1-Dichloroethane	23.3		1.0	0.26
75-35-4	1,1-Dichloroethene	25.8		1.0	0.26
107-06-2	1,2-Dichloroethane	21.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.2		1.0	0.35
591-78-6	2-Hexanone	105		5.0	1.1
67-64-1	Acetone	103		5.0	4.4
71-43-2	Benzene	17.7		1.0	0.20
75-27-4	Bromodichloromethane	22.1		1.0	0.34
75-25-2	Bromoform	20.4		1.0	0.54
74-83-9	Bromomethane	23.6		1.0	0.55
75-15-0	Carbon disulfide	23.8		1.0	0.82
56-23-5	Carbon tetrachloride	24.5		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	22.6		1.0	0.32
67-66-3	Chloroform	23.7		1.0	0.33
74-87-3	Chloromethane	22.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.22
124-48-1	Dibromochloromethane	18.0		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	113		5.0	1.9
108-10-1	methyl isobutyl ketone	101		5.0	1.3
75-09-2	Methylene Chloride	23.3		1.0	0.32
100-42-5	Styrene	19.3		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	17.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	25.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.22
79-01-6	Trichloroethene	22.6		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1001940/6

Matrix: Water | Lab File ID: K65064.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/17/2024 10:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1001940 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	20.8		1.0	0.17
1330-20-7	Xylenes, Total	37.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	81		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65064.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2024 10:08:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0182275-006
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:48:41 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: XE5L Date: 17-Oct-2024 14:34:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.073	0.000	53	23645	20.0	18.8	
5 Chlorodifluoromethane	67	1.085	1.096	-0.011	95	17383	20.0	22.8	
3 Dichlorodifluoromethane	85	1.096	1.107	-0.011	57	125900	20.0	22.8	
6 Chloromethane	50	1.199	1.199	0.000	80	179422	20.0	22.3	
8 Butadiene	54	1.245	1.245	0.000	91	115742	20.0	21.6	
7 Vinyl chloride	62	1.256	1.256	0.000	97	123094	20.0	20.8	
9 Bromomethane	94	1.405	1.416	-0.011	98	91293	20.0	23.6	
10 Chloroethane	64	1.416	1.416	0.000	86	72574	20.0	22.6	
11 Dichlorofluoromethane	67	1.530	1.542	-0.012	99	199556	20.0	22.9	
13 Pentane	57	1.542	1.542	0.000	98	38266	40.0	41.8	
12 Trichlorofluoromethane	101	1.576	1.576	0.000	95	130074	20.0	23.6	M
14 Ethanol	46	1.633	1.633	0.000	67	12949	800.0	654.0	
15 Ethyl ether	59	1.633	1.645	-0.012	92	63375	20.0	23.4	
17 2-Methyl-1,3-butadiene	53	1.656	1.667	-0.011	83	74640	20.0	22.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.690	-0.023	84	80665	20.0	24.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.713	-0.011	95	135949	20.0	23.9	
19 Acrolein	56	1.702	1.713	-0.011	42	24666	40.0	35.1	
20 1,1-Dichloroethene	96	1.770	1.782	-0.012	98	87858	20.0	25.8	
22 Acetone	58	1.782	1.782	0.000	68	34423	100.0	102.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.816	-0.011	96	93793	20.0	25.6	
24 Isopropyl alcohol	45	1.839	1.850	-0.011	30	37602	200.0	182.8	
23 Iodomethane	142	1.862	1.873	-0.011	96	161974	20.0	26.4	
27 3-Chloro-1-propene	76	1.942	1.953	-0.011	97	198887	20.0	12.5	M
26 Acetonitrile	40	1.942	1.953	-0.011	83	62588	200.0	187.9	
25 Carbon disulfide	76	1.907	1.953	-0.046	97	378309	20.0	23.8	M
28 Methyl acetate	43	1.953	1.953	0.000	61	90459	40.0	36.7	
29 Cyclopentene	67	2.010	2.010	0.000	90	185703	20.0	22.5	
30 Methylene Chloride	84	2.022	2.022	0.000	91	102605	20.0	23.3	
* 31 TBA-d9 (IS)	65	2.045	2.045	0.000	98	386404	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.079	2.090	-0.011	29	36719	200.0	97.5	
33 Acrylonitrile	53	2.147	2.147	0.000	97	287998	200.0	229.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.182	2.182	0.000	93	89637	20.0	25.4	
35 Methyl tert-butyl ether	73	2.193	2.193	0.000	97	248009	20.0	24.9	
36 Hexane	57	2.330	2.330	0.000	91	77439	20.0	21.6	
37 1,1-Dichloroethane	63	2.422	2.433	-0.011	99	147721	20.0	23.3	
38 Vinyl acetate	86	2.433	2.433	0.000	100	24842	40.0	43.8	
39 Isopropyl ether	45	2.468	2.468	0.000	89	242816	20.0	22.2	
40 2-Chloro-1,3-butadiene	88	2.479	2.490	-0.011	91	70169	20.0	24.8	
41 Tert-butyl ethyl ether	59	2.708	2.708	0.000	92	275000	20.0	23.7	
* 43 2-Butanone-d5	46	2.753	2.753	0.000	99	263709	250.0	250.0	
47 Ethyl acetate	43	2.833	2.799	0.034	99	208267	40.0	36.9	
46 2-Butanone (MEK)	72	2.799	2.799	0.000	97	35339	100.0	113.4	
45 cis-1,2-Dichloroethene	96	2.799	2.810	-0.011	98	91007	20.0	23.6	
44 2,2-Dichloropropane	97	2.822	2.822	0.000	74	29398	20.0	24.1	
42 Propionitrile	54	2.833	2.833	0.000	94	92176	200.0	196.2	
48 Methyl acrylate	55	2.856	2.868	-0.012	79	65561	20.0	21.7	
50 Methacrylonitrile	67	2.948	2.948	0.000	89	276035	200.0	230.9	
49 Chlorobromomethane	128	2.970	2.970	0.000	82	43497	20.0	25.4	
51 Tetrahydrofuran	42	2.993	3.016	-0.023	76	35734	40.0	39.0	
52 Chloroform	83	3.028	3.028	0.000	98	136974	20.0	23.7	
$ 53 Dibromofluoromethane (Surr)	113	3.142	3.142	0.000	96	159850	50.0	52.2	
54 1,1,1-Trichloroethane	97	3.188	3.188	0.000	98	118672	20.0	23.7	
55 Cyclohexane	84	3.245	3.245	0.000	88	129124	20.0	24.0	
57 1,1-Dichloropropene	75	3.302	3.302	0.000	98	93766	20.0	22.3	
56 Carbon tetrachloride	117	3.313	3.325	-0.012	96	99345	20.0	24.5	
61 Isobutyl alcohol	43	3.382	3.370	0.012	96	53840	500.0	432.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.405	0.000	97	153154	50.0	44.5	
59 Benzene	78	3.462	3.462	0.000	93	301776	20.0	17.7	
60 1,2-Dichloroethane	62	3.462	3.473	-0.011	90	86197	20.0	21.8	
63 Isopropyl acetate	61	3.519	3.519	0.000	38	25989	20.0	22.6	a
62 Isooctane	57	3.542	3.553	-0.011	99	162152	20.0	22.3	
64 Tert-amyl methyl ether	73	3.576	3.576	0.000	92	228269	20.0	23.6	
* 65 Fluorobenzene	96	3.691	3.690	0.000	98	431261	50.0	50.0	
66 n-Heptane	43	3.691	3.702	-0.012	43	50934	20.0	20.5	
68 n-Butanol	56	3.953	3.953	0.000	86	32183	500.0	482.8	
67 Trichloroethene	95	4.022	4.022	0.000	98	68381	20.0	22.6	
69 Ethyl acrylate	55	4.125	4.125	0.000	98	57227	20.0	20.5	
70 Methylcyclohexane	83	4.228	4.228	0.000	93	114805	20.0	24.2	
71 1,2-Dichloropropane	63	4.228	4.228	0.000	89	66925	20.0	21.2	
* 72 1,4-Dioxane-d8	96	4.319	4.308	0.011	71	32247	1000.0	1000.0	
73 Dibromomethane	93	4.342	4.342	0.000	98	42585	20.0	21.9	
75 Methyl methacrylate	100	4.353	4.353	0.000	89	28553	40.0	47.6	
74 1,4-Dioxane	88	4.365	4.365	0.000	31	15798	400.0	440.2	
76 n-Propyl acetate	43	4.422	4.422	0.000	97	62430	20.0	19.8	
77 Dichlorobromomethane	83	4.502	4.502	0.000	99	83367	20.0	22.1	
78 2-Nitropropane	41	4.742	4.742	0.000	98	20159	40.0	37.7	
79 2-Chloroethyl vinyl ether	63	4.833	4.833	0.000	93	33826	20.0	21.0	
80 Epichlorohydrin	57	4.879	4.879	0.000	98	111551	400.0	429.0	
81 cis-1,3-Dichloropropene	75	4.982	4.982	0.000	90	99420	20.0	16.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.176	5.176	0.000	95	253738	100.0	100.5	
$ 83 Toluene-d8 (Surr)	98	5.291	5.291	0.000	99	559343	50.0	40.3	
84 Toluene	91	5.359	5.359	0.000	93	272623	20.0	17.7	
85 trans-1,3-Dichloropropene	75	5.634	5.634	0.000	94	81099	20.0	17.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	5.782	5.782	0.000	88	65510	20.0	16.9	
87 1,1,2-Trichloroethane	83	5.851	5.851	0.000	95	46758	20.0	18.4	
88 Tetrachloroethene	166	6.022	6.022	0.000	97	60248	20.0	18.7	
89 1,3-Dichloropropane	76	6.056	6.056	0.000	90	89467	20.0	17.8	
90 2-Hexanone	43	6.205	6.205	0.000	93	144392	100.0	104.8	
91 Chlorodibromomethane	129	6.331	6.331	0.000	97	58042	20.0	18.0	
92 n-Butyl acetate	43	6.399	6.411	-0.012	97	69504	20.0	16.2	
93 Ethylene Dibromide	107	6.468	6.468	0.000	96	53764	20.0	19.2	
* 94 Chlorobenzene-d5	117	7.108	7.108	0.000	85	425010	50.0	50.0	
95 Chlorobenzene	112	7.154	7.154	0.000	97	167833	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	7.291	7.291	0.000	97	65779	20.0	18.3	
97 Ethylbenzene	106	7.337	7.337	0.000	98	88321	20.0	19.2	
98 m-Xylene & p-Xylene	106	7.519	7.519	0.000	97	103072	20.0	18.3	
99 o-Xylene	106	8.091	8.091	0.000	94	112714	20.0	19.0	
100 Styrene	104	8.114	8.114	0.000	96	169235	20.0	19.3	
101 n-Butyl acrylate	73	8.148	8.148	0.000	96	42637	20.0	18.7	
102 Bromoform	173	8.342	8.342	0.000	94	37229	20.0	20.4	
103 Amyl acetate (mixed isomers)	43	8.525	8.525	0.000	93	82252	20.0	12.0	
104 Isopropylbenzene	105	8.674	8.674	0.000	95	259887	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	8.880	8.880	0.000	91	189273	50.0	57.1	
106 Bromobenzene	156	9.074	9.074	0.000	99	70203	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	9.165	9.165	0.000	99	77524	20.0	17.1	
108 1,2,3-Trichloropropane	75	9.188	9.188	0.000	98	55856	20.0	16.1	
109 trans-1,4-Dichloro-2-butene	75	9.257	9.257	0.000	93	21002	20.0	14.6	
110 N-Propylbenzene	91	9.325	9.325	0.000	99	322236	20.0	17.9	
111 2-Chlorotoluene	91	9.405	9.405	0.000	96	202295	20.0	17.5	
112 4-Ethyltoluene	105	9.520	9.520	0.000	99	254728	20.0	18.1	
113 4-Chlorotoluene	91	9.588	9.588	0.000	97	192996	20.0	17.3	
114 1,3,5-Trimethylbenzene	105	9.634	9.634	0.000	92	237874	20.0	17.5	
115 Butyl Methacrylate	87	9.897	9.897	0.000	88	76441	20.0	14.1	
116 tert-Butylbenzene	119	10.137	10.137	0.000	95	175267	20.0	13.6	
117 1,2,4-Trimethylbenzene	105	10.217	10.217	0.000	97	247212	20.0	17.7	
118 sec-Butylbenzene	105	10.445	10.445	0.000	100	272645	20.0	13.7	
119 1,3-Dichlorobenzene	146	10.514	10.514	0.000	97	138719	20.0	19.5	
* 120 1,4-Dichlorobenzene-d4	152	10.594	10.605	-0.011	95	259764	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.628	10.628	0.000	95	142432	20.0	18.7	
122 4-Isopropyltoluene	119	10.628	10.628	0.000	98	235526	20.0	17.4	
123 1,2,3-Trimethylbenzene	105	10.708	10.708	0.000	98	280878	20.0	17.6	
124 Benzyl chloride	126	10.788	10.788	0.000	99	27208	20.0	19.3	
125 2,3-Dihydroindene	117	10.891	10.891	0.000	94	263152	20.0	18.5	
126 1,2-Dichlorobenzene	146	10.983	10.983	0.000	99	142113	20.0	18.5	
127 p-Diethylbenzene	119	11.017	11.017	0.000	93	132759	20.0	17.8	
128 n-Butylbenzene	92	11.028	11.028	0.000	98	118037	20.0	17.6	
129 1,2-Dibromo-3-Chloropropane	157	11.623	11.623	0.000	95	14838	20.0	19.7	
130 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.000	98	205553	20.0	12.4	
131 1,3,5-Trichlorobenzene	180	11.771	11.771	0.000	97	101894	20.0	19.3	
132 1,2,4-Trichlorobenzene	180	12.160	12.171	-0.011	93	91473	20.0	19.0	
133 Hexachlorobutadiene	225	12.274	12.286	-0.012	86	21982	20.0	16.5	
134 Naphthalene	128	12.297	12.308	-0.011	99	204591	20.0	17.8	
135 1,2,3-Trichlorobenzene	180	12.446	12.446	0.000	96	79597	20.0	19.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	49.0	
S 138 Xylenes, Total	100				0		40.0	37.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	91.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
524FREONS_00025	Amount Added:	20.00	Units: uL	
GASES Li_00607	Amount Added:	20.00	Units: uL	
8260ISNEW_00207	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00251	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Oct-2024 14:48:43 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65064.D

Injection Date: 17-Oct-2024 10:08:30 Instrument ID: CVOAMS9 Operator ID:

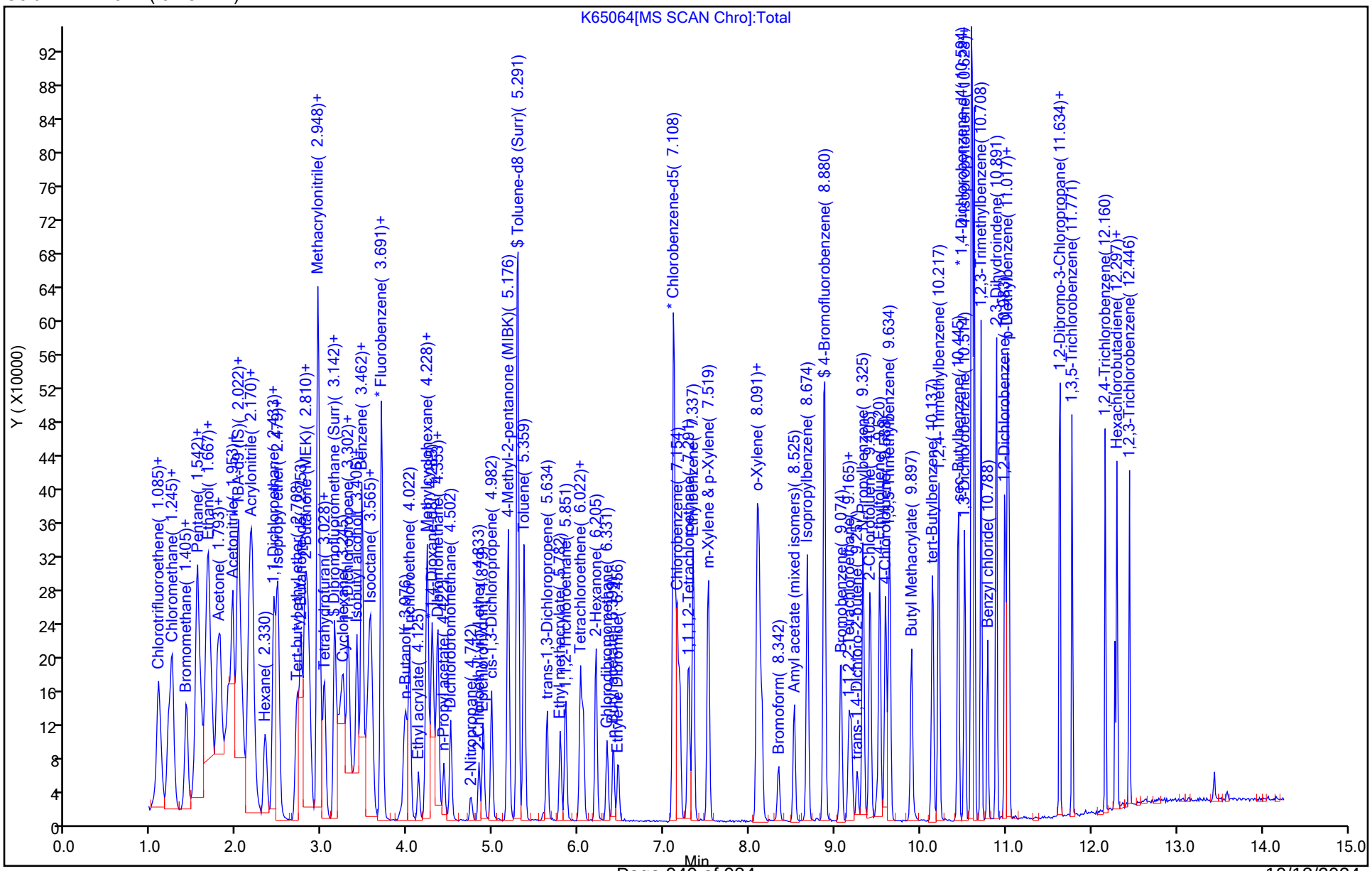
Lims ID: LCSD Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65064.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2024 10:08:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0182275-006
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Oct-2024 14:48:41 Calib Date: 28-Sep-2024 09:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240928-181453.b\K64396.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: XE5L Date: 17-Oct-2024 14:34:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.2	104.49
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.5	89.00
$ 83 Toluene-d8 (Surr)	50.0	40.3	80.60
$ 105 4-Bromofluorobenzene	50.0	57.1	114.11

Manual Integration/User Assign Peak Report

Eurofins Edison

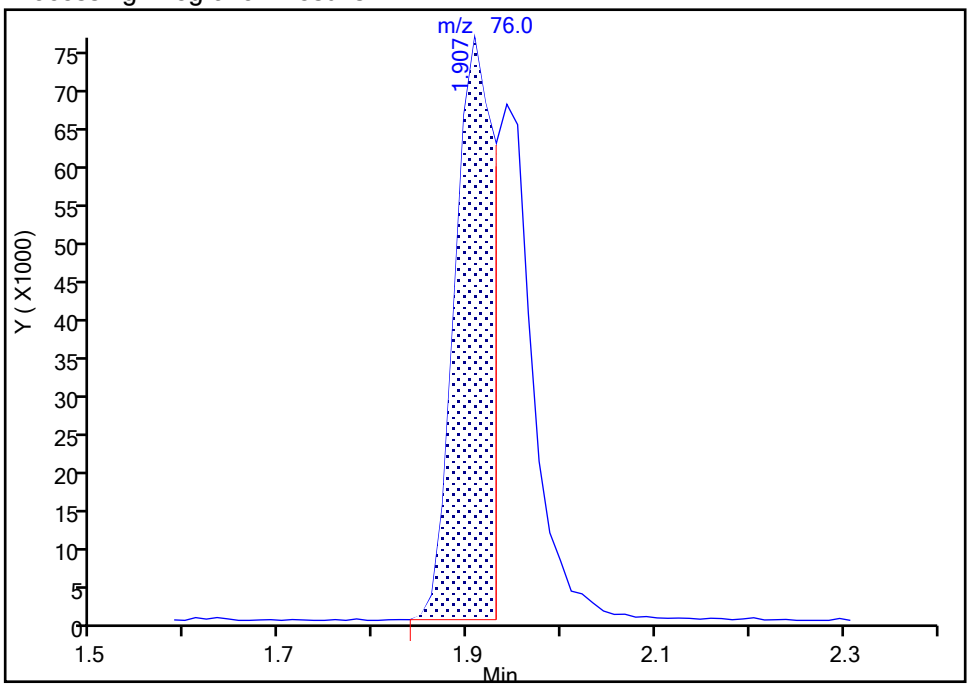
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20241017-182275.b\K65064.D
Injection Date: 17-Oct-2024 10:08:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

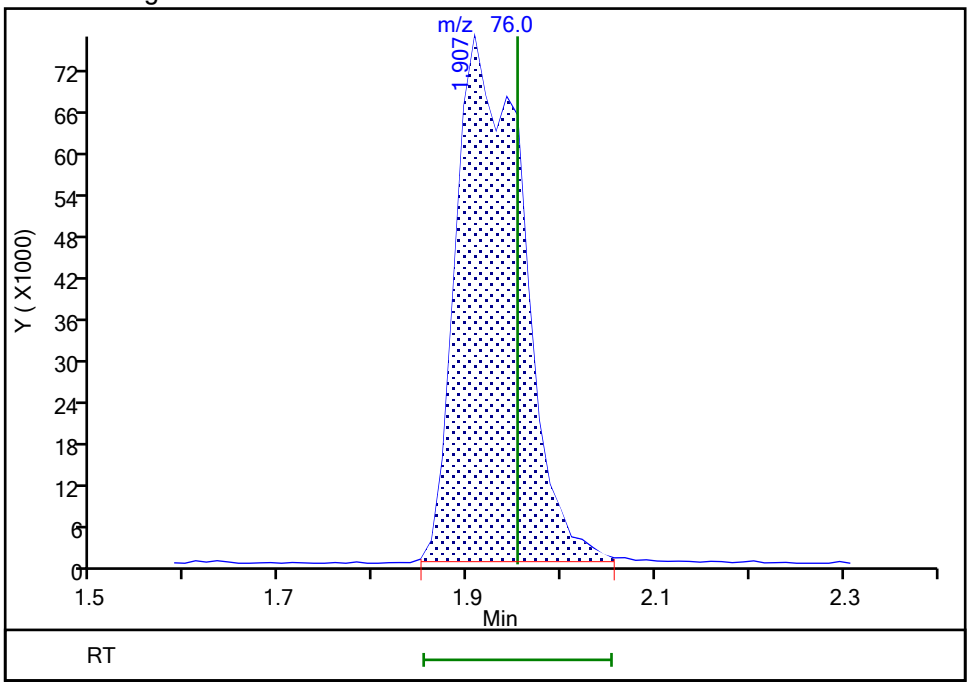
Processing Integration Results

RT: 1.91
Area: 227908
Amount: 14.323768
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 378309
Amount: 23.776307
Amount Units: ug/l



Reviewer: XE5L, 17-Oct-2024 14:48:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-312971-5 MS

Matrix: Water | Lab File ID: TT857263.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 14:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	26.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.7		1.0	0.20
75-34-3	1,1-Dichloroethane	19.2		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
107-06-2	1,2-Dichloroethane	22.1		1.0	0.43
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
591-78-6	2-Hexanone	101		5.0	1.1
67-64-1	Acetone	98.5		5.0	4.4
71-43-2	Benzene	20.0		1.0	0.20
75-27-4	Bromodichloromethane	20.0		1.0	0.34
75-25-2	Bromoform	20.3		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	16.0		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	19.9		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	17.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.22
124-48-1	Dibromochloromethane	21.4		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.5		5.0	1.9
108-10-1	methyl isobutyl ketone	102		5.0	1.3
75-09-2	Methylene Chloride	18.3		1.0	0.32
100-42-5	Styrene	21.6		1.0	0.42
127-18-4	Tetrachloroethene	26.2		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.4		1.0	0.22
79-01-6	Trichloroethene	19.0		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-312971-5 MS

Matrix: Water | Lab File ID: TT857263.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 14:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.4		1.0	0.17
1330-20-7	Xylenes, Total	39.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857263.D
Lims ID: 460-312971-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 09-Oct-2024 14:02:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-5 MS
Misc. Info.: 460-0181932-024
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 16:56:41 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:21:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.509	1.491	0.018	99	80161	20.0	17.4	
7 Vinyl chloride	62	1.558	1.546	0.012	98	81318	20.0	18.4	
9 Bromomethane	94	1.826	1.814	0.012	99	61653	20.0	19.5	
10 Chloroethane	64	1.899	1.881	0.018	99	49168	20.0	19.9	
21 1,1-Dichloroethene	96	2.442	2.430	0.012	96	69176	20.0	19.1	
22 Acetone	43	2.521	2.503	0.018	87	96590	100.0	98.5	
24 Carbon disulfide	76	2.613	2.600	0.013	99	214949	20.0	16.0	
30 Methylene Chloride	84	2.850	2.832	0.018	91	80322	20.0	18.3	
* 31 TBA-d9 (IS)	66	2.850	2.844	0.006	0	44050	1000.0	1000.0	
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	94	76207	20.0	18.4	
38 1,1-Dichloroethane	63	3.393	3.387	0.006	99	136988	20.0	19.2	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	326608	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.881	3.875	0.006	95	82898	20.0	19.1	
45 2-Butanone (MEK)	72	3.887	3.881	0.006	96	37367	100.0	97.5	
52 Chloroform	83	4.149	4.143	0.006	99	125145	20.0	19.7	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	103698	20.0	19.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	163863	50.0	50.1	
56 Carbon tetrachloride	117	4.393	4.393	0.000	88	78932	20.0	18.5	
60 Benzene	78	4.612	4.612	0.000	96	305623	20.0	20.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	184763	50.0	55.4	
64 1,2-Dichloroethane	62	4.698	4.692	0.006	96	91461	20.0	22.1	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	697848	50.0	50.0	
68 Trichloroethene	95	5.234	5.222	0.012	99	72415	20.0	19.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	76300	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.563	5.551	0.012	0	25971	1000.0	1000.0	
77 Dichlorobromomethane	83	5.783	5.783	0.000	100	85438	20.0	20.0	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	92	108572	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	58	6.435	6.435	0.000	96	133379	100.0	102.1	
$ 83 Toluene-d8 (Surr)	98	6.508	6.508	0.000	99	661516	50.0	50.2	
84 Toluene	91	6.587	6.581	0.006	93	313264	20.0	19.5	
85 trans-1,3-Dichloropropene	75	6.935	6.929	0.006	95	90843	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	95	52775	20.0	22.7	
88 Tetrachloroethene	166	7.185	7.179	0.006	97	99973	20.0	26.2	
90 2-Hexanone	43	7.417	7.417	0.000	96	204126	100.0	100.9	
92 Chlorodibromomethane	129	7.569	7.569	0.000	98	59398	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	483540	50.0	50.0	
95 Chlorobenzene	112	8.301	8.294	0.006	95	194011	20.0	19.9	
96 Ethylbenzene	106	8.404	8.410	-0.006	98	106169	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	129664	20.0	19.6	
99 o-Xylene	106	9.081	9.087	-0.006	94	130590	20.0	19.9	
101 Styrene	104	9.124	9.118	0.006	96	212718	20.0	21.6	
102 Bromoform	173	9.367	9.361	0.006	96	35259	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.751	9.752	-0.001	91	193130	50.0	48.2	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	82897	20.0	26.8	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	254755	50.0	50.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 137 Xylenes, Total	100				0		40.0	39.5	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00175	Amount Added: 4.00	Units: uL	
524FREONS_00025	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00194	Amount Added: 20.00	Units: uL	
GASES Li_00606	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00077	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2024 16:57:55 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857263.D

Injection Date: 09-Oct-2024 14:02:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-5 MS

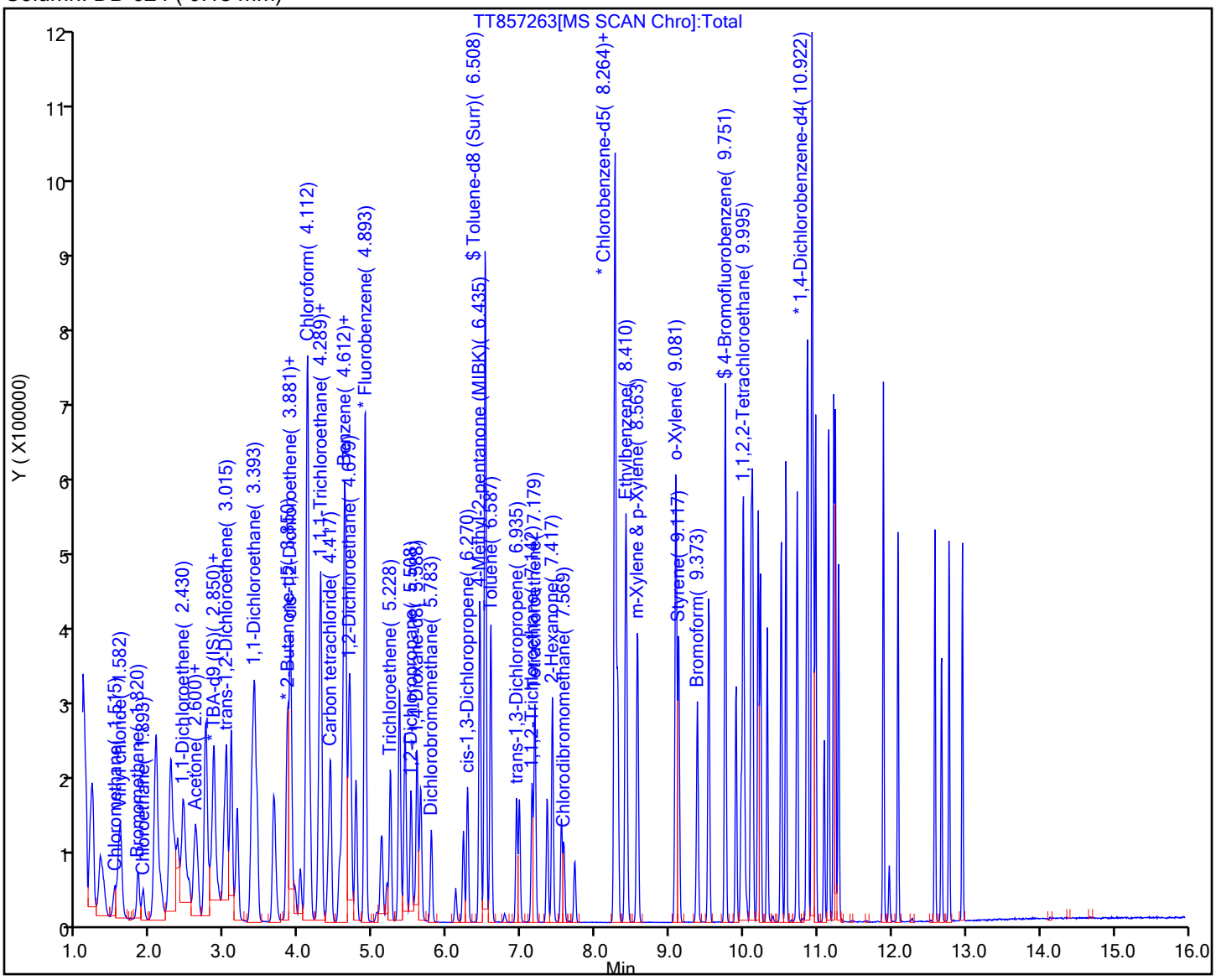
Client ID: A-02

Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/18/2024
12:59:41 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857263.D				
Lims ID:	460-312971-A-5 MS				
Client ID:	A-02				
Sample Type:	MS				
Inject. Date:	09-Oct-2024 14:02:30	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-5 MS				
Misc. Info.:	460-0181932-024				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 16:56:41	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: C1JX Date: 09-Oct-2024 16:21:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.1	100.22
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	55.4	110.76
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.39
$ 105 4-Bromofluorobenzene	50.0	48.2	96.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-312971-5 MSD

Matrix: Water | Lab File ID: TT857264.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	27.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	23.3		1.0	0.20
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.2		1.0	0.26
107-06-2	1,2-Dichloroethane	22.9		1.0	0.43
78-87-5	1,2-Dichloropropane	20.1		1.0	0.35
591-78-6	2-Hexanone	106		5.0	1.1
67-64-1	Acetone	87.8		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-27-4	Bromodichloromethane	20.7		1.0	0.34
75-25-2	Bromoform	20.3		1.0	0.54
74-83-9	Bromomethane	18.7		1.0	0.55
75-15-0	Carbon disulfide	15.6		1.0	0.82
56-23-5	Carbon tetrachloride	18.6		1.0	0.21
108-90-7	Chlorobenzene	19.7		1.0	0.38
75-00-3	Chloroethane	20.6		1.0	0.32
67-66-3	Chloroform	20.1		1.0	0.33
74-87-3	Chloromethane	17.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.22
124-48-1	Dibromochloromethane	21.1		1.0	0.28
100-41-4	Ethylbenzene	19.5		1.0	0.30
78-93-3	Methyl Ethyl Ketone	98.1		5.0	1.9
108-10-1	methyl isobutyl ketone	106		5.0	1.3
75-09-2	Methylene Chloride	18.3		1.0	0.32
100-42-5	Styrene	21.8		1.0	0.42
127-18-4	Tetrachloroethene	25.9		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.4		1.0	0.22
79-01-6	Trichloroethene	19.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-312971-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-312971-5 MSD

Matrix: Water | Lab File ID: TT857264.D

Analysis Method: 8260D | Date Collected: 10/03/2024 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/09/2024 14:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1000443 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.4		1.0	0.17
1330-20-7	Xylenes, Total	39.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857264.D
Lims ID: 460-312971-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 09-Oct-2024 14:21:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-312971-A-5 MSD
Misc. Info.: 460-0181932-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Oct-2024 17:01:25 Calib Date: 20-Sep-2024 13:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 09-Oct-2024 16:22:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.509	1.491	0.018	98	80684	20.0	17.6	
7 Vinyl chloride	62	1.564	1.546	0.018	97	80826	20.0	18.4	
9 Bromomethane	94	1.826	1.814	0.012	97	58799	20.0	18.7	
10 Chloroethane	64	1.893	1.881	0.012	99	50778	20.0	20.6	
21 1,1-Dichloroethene	96	2.448	2.430	0.018	98	69208	20.0	19.2	
22 Acetone	43	2.521	2.503	0.018	87	86587	100.0	87.8	
24 Carbon disulfide	76	2.613	2.600	0.013	99	207513	20.0	15.6	
30 Methylene Chloride	84	2.850	2.832	0.018	93	80078	20.0	18.3	
* 31 TBA-d9 (IS)	66	2.850	2.844	0.006	0	42953	1000.0	1000.0	a
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	94	76864	20.0	18.7	
38 1,1-Dichloroethane	63	3.393	3.387	0.006	99	138765	20.0	19.6	
* 42 2-Butanone-d5	46	3.838	3.826	0.012	0	328601	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.881	3.875	0.006	97	84397	20.0	19.6	
45 2-Butanone (MEK)	72	3.893	3.881	0.012	98	37837	100.0	98.1	
52 Chloroform	83	4.149	4.143	0.006	99	127352	20.0	20.1	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	97	105026	20.0	20.1	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	160270	50.0	49.2	
56 Carbon tetrachloride	117	4.405	4.393	0.012	99	79397	20.0	18.6	
60 Benzene	78	4.612	4.612	0.000	95	312879	20.0	19.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	187701	50.0	56.5	
64 1,2-Dichloroethane	62	4.704	4.692	0.012	98	94239	20.0	22.9	
* 66 Fluorobenzene	96	4.893	4.887	0.006	99	695028	50.0	50.0	
68 Trichloroethene	95	5.228	5.222	0.006	98	72904	20.0	19.2	
71 1,2-Dichloropropane	63	5.515	5.508	0.007	94	78585	20.0	20.1	
* 72 1,4-Dioxane-d8	96	5.563	5.551	0.012	0	26492	1000.0	1000.0	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	88344	20.0	20.7	
81 cis-1,3-Dichloropropene	75	6.270	6.270	0.000	91	115241	20.0	19.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.435	0.006	96	139161	100.0	105.9	
$ 83 Toluene-d8 (Surr)	98	6.514	6.508	0.006	99	669095	50.0	48.6	
84 Toluene	91	6.588	6.581	0.007	94	325009	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.935	6.929	0.006	98	94673	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	56636	20.0	23.3	
88 Tetrachloroethene	166	7.185	7.179	0.006	97	103225	20.0	25.9	
90 2-Hexanone	43	7.417	7.417	0.000	95	215459	100.0	105.9	
92 Chlorodibromomethane	129	7.575	7.569	0.006	97	61095	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	505200	50.0	50.0	
95 Chlorobenzene	112	8.301	8.294	0.007	94	200630	20.0	19.7	
96 Ethylbenzene	106	8.404	8.410	-0.006	98	112864	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.563	8.569	-0.006	0	140115	20.0	20.3	
99 o-Xylene	106	9.087	9.087	0.000	95	134568	20.0	19.7	
101 Styrene	104	9.124	9.118	0.006	95	224941	20.0	21.8	
102 Bromoform	173	9.367	9.361	0.006	96	36851	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.752	9.752	0.000	90	203728	50.0	48.7	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	88439	20.0	27.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	268686	50.0	50.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 137 Xylenes, Total	100				0		40.0	39.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00025	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00194	Amount Added:	20.00	Units: uL	
GASES Li_00606	Amount Added:	20.00	Units: uL	
ACROLEIN W_00175	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00077	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2024 17:02:45 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857264.D

Injection Date: 09-Oct-2024 14:21:30 Instrument ID: CVOAMS17

Lims ID: 460-312971-A-5 MSD

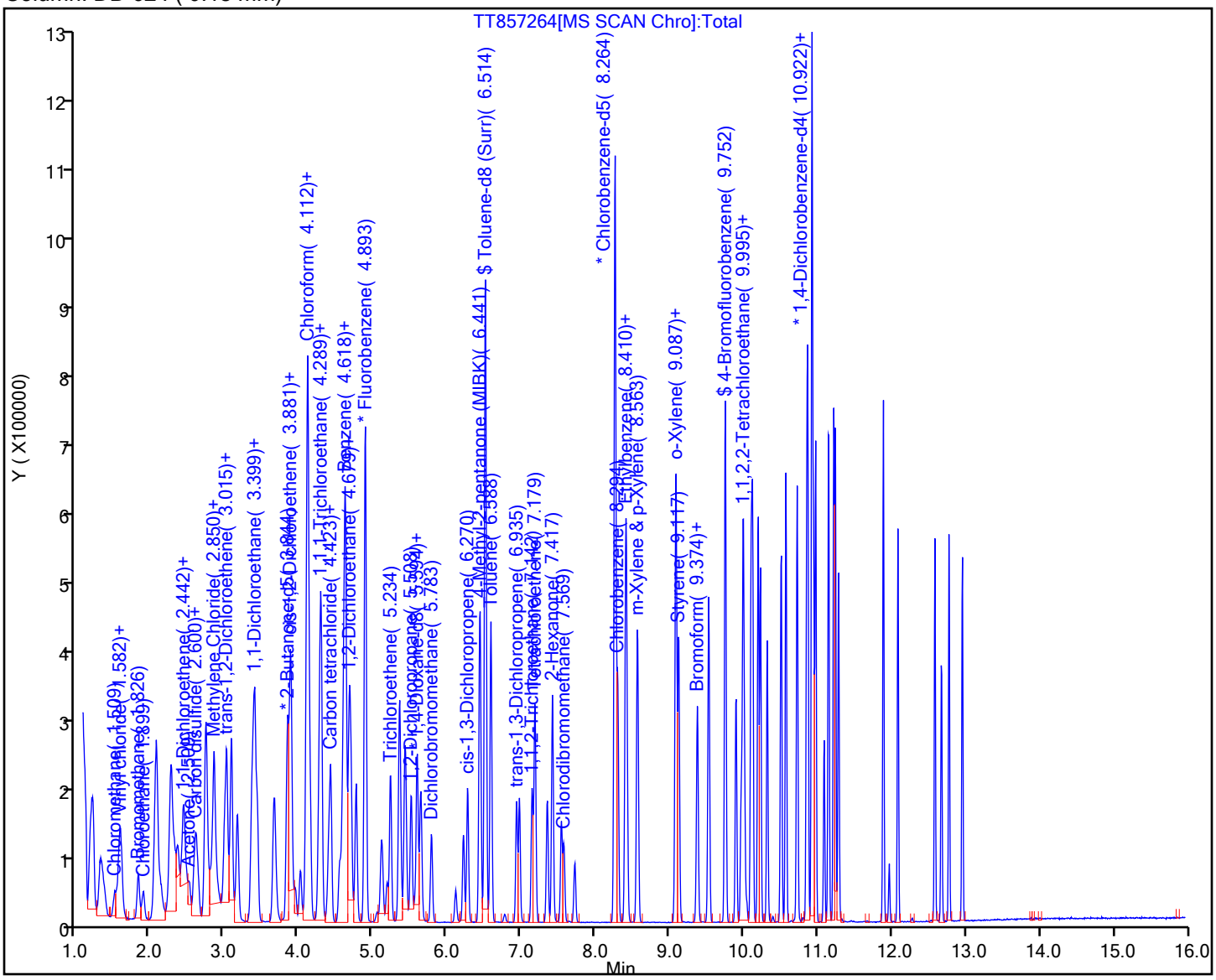
Client ID: A-02

Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857264.D				
Lims ID:	460-312971-A-5 MSD				
Client ID:	A-02				
Sample Type:	MSD				
Inject. Date:	09-Oct-2024 14:21:30	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-312971-A-5 MSD				
Misc. Info.:	460-0181932-025				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	10-Oct-2024 17:01:25	Calib Date:	20-Sep-2024 13:20:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240920-181138.b\TT85358.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1619				

First Level Reviewer: C1JX Date: 09-Oct-2024 16:22:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.2	98.42
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.5	112.98
$ 83 Toluene-d8 (Surr)	50.0	48.6	97.19
$ 105 4-Bromofluorobenzene	50.0	48.7	97.32

Manual Integration/User Assign Peak Report

Eurofins Edison

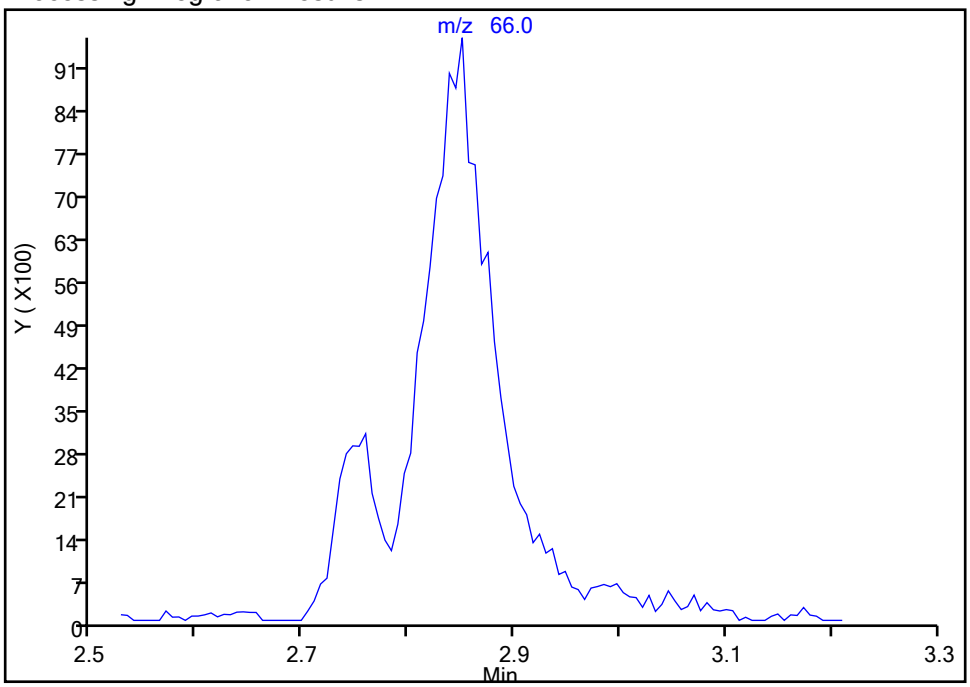
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20241009-181932.b\TT857264.D
Injection Date: 09-Oct-2024 14:21:30 Instrument ID: CVOAMS17
Lims ID: 460-312971-A-5 MSD
Client ID: A-02
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

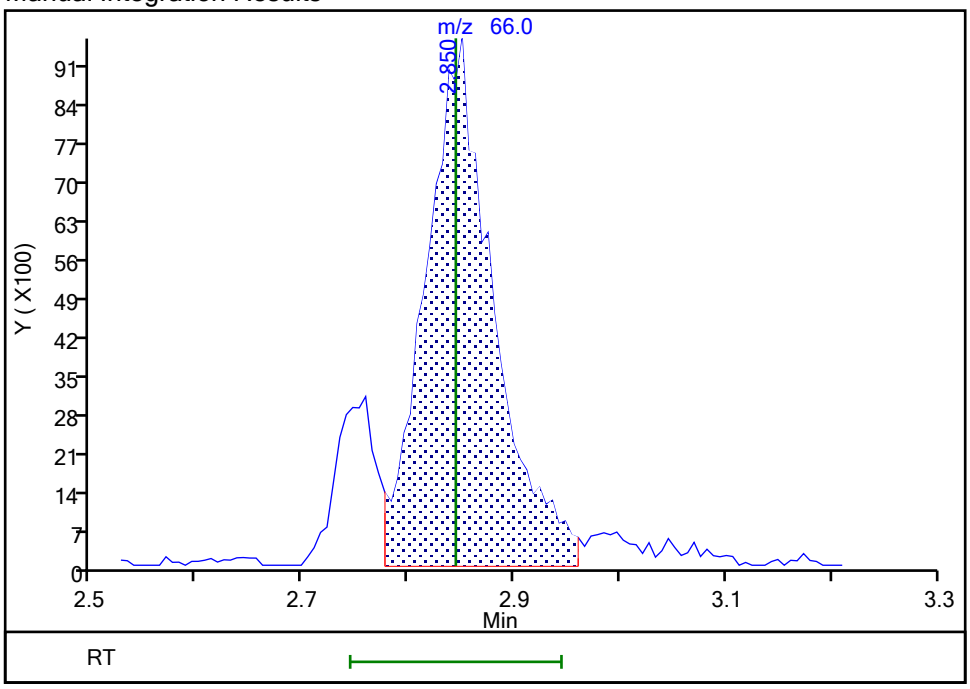
Not Detected
Expected RT: 2.84

Processing Integration Results



Manual Integration Results

RT: 2.85
Area: 42953
Amount: 1000.0000
Amount Units: ug/l



Reviewer: C1JX, 09-Oct-2024 16:22:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 09/20/2024 10:21

Analysis Batch Number: 997049 End Date: 09/21/2024 01:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-997049/1		09/20/2024 10:21	1	TT85349.D	DB-624 0.18(mm)
STD8 460-997049/3 IC		09/20/2024 11:04	1	TT85351.D	DB-624 0.18(mm)
STD05 460-997049/4 IC		09/20/2024 11:23	1	TT85352.D	DB-624 0.18(mm)
STD1 460-997049/5 IC		09/20/2024 11:43	1	TT85353.D	DB-624 0.18(mm)
STD5 460-997049/6 IC		09/20/2024 12:02	1	TT85354.D	DB-624 0.18(mm)
STD20 460-997049/7 ICIS		09/20/2024 12:22	1	TT85355.D	DB-624 0.18(mm)
STD50 460-997049/8 IC		09/20/2024 12:41	1	TT85356.D	DB-624 0.18(mm)
STD200 460-997049/9 IC		09/20/2024 13:01	1	TT85357.D	DB-624 0.18(mm)
STD500 460-997049/10 IC		09/20/2024 13:20	1	TT85358.D	DB-624 0.18(mm)
ICV 460-997049/16		09/20/2024 15:18	1	TT85364.D	DB-624 0.18(mm)
ZZZZZ (QC)		09/20/2024 15:38	1		DB-624 0.18(mm)
ZZZZZ (QC)		09/20/2024 15:58	1		DB-624 0.18(mm)
ZZZZZ (QC)		09/20/2024 18:58	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 19:17	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 19:37	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 20:17	200		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 20:56	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 21:36	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 22:54	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/20/2024 23:14	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/21/2024 00:13	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/21/2024 00:32	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/21/2024 00:52	1		DB-624 0.18(mm)
ZZZZZ (Client)		09/21/2024 01:12	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 10/09/2024 06:18

Analysis Batch Number: 1000443 End Date: 10/09/2024 17:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/09/2024 06:18	1		DB-624 0.18(mm)
CCVIS 460-1000443/3		10/09/2024 06:44	1	TT857242.D	DB-624 0.18(mm)
LCS 460-1000443/4		10/09/2024 07:12	1	TT857243.D	DB-624 0.18(mm)
LCSD 460-1000443/6		10/09/2024 07:50	1	TT857245.D	DB-624 0.18(mm)
MB 460-1000443/9		10/09/2024 08:49	1	TT857248.D	DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 09:08	2		DB-624 0.18(mm)
460-312971-5 MS	A-02 MS	10/09/2024 14:02	1	TT857263.D	DB-624 0.18(mm)
460-312971-5 MSD	A-02 MSD	10/09/2024 14:21	1	TT857264.D	DB-624 0.18(mm)
460-312971-5	A-02	10/09/2024 15:00	1	TT857266.D	DB-624 0.18(mm)
460-312971-2	ME-8	10/09/2024 15:20	1	TT857267.D	DB-624 0.18(mm)
460-312971-3	ME-13	10/09/2024 15:39	1	TT857268.D	DB-624 0.18(mm)
460-312971-6	A-06	10/09/2024 16:18	1	TT857270.D	DB-624 0.18(mm)
460-312971-7	A-066	10/09/2024 16:38	1	TT857271.D	DB-624 0.18(mm)
460-312971-9	A-07	10/09/2024 16:57	1	TT857272.D	DB-624 0.18(mm)
460-312971-10	A-05	10/09/2024 17:17	1	TT857273.D	DB-624 0.18(mm)
460-312971-11	A-10	10/09/2024 17:36	1	TT857274.D	DB-624 0.18(mm)
460-312971-8	A-08	10/09/2024 17:56	2	TT857275.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 10/09/2024 18:22

Analysis Batch Number: 1000575 End Date: 10/10/2024 03:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1000575/2		10/09/2024 18:22	1	TT857277.D	DB-624 0.18(mm)
LCS 460-1000575/4		10/09/2024 19:01	1	TT857279.D	DB-624 0.18(mm)
LCSD 460-1000575/5		10/09/2024 19:20	1	TT857280.D	DB-624 0.18(mm)
MB 460-1000575/8		10/09/2024 20:19	1	TT857283.D	DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 20:38	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 20:57	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 21:17	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 21:36	1		DB-624 0.18(mm)
460-312971-12	FB1003	10/09/2024 21:56	1	TT857288.D	DB-624 0.18(mm)
460-312971-13	Trip Blank	10/09/2024 22:15	1	TT857289.D	DB-624 0.18(mm)
460-312971-4	MW-113	10/09/2024 22:35	1	TT857290.D	DB-624 0.18(mm)
460-312971-1	A-15	10/09/2024 22:54	1	TT857291.D	DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 23:33	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/09/2024 23:53	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 01:11	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 02:09	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 02:29	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 02:48	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 03:08	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/10/2024 03:27	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 09/28/2024 04:26

Analysis Batch Number: 998454 End Date: 09/28/2024 11:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-998454/1		09/28/2024 04:26	1	K64388.D	DB-624 0.18(mm)
STD7 460-998454/3 IC		09/28/2024 05:13	1	K64390.D	DB-624 0.18(mm)
STD1 460-998454/4 IC		09/28/2024 05:37	1	K64391.D	DB-624 0.18(mm)
STD5 460-998454/5 IC		09/28/2024 07:31	1	K64392.D	DB-624 0.18(mm)
STD20 460-998454/6 ICIS		09/28/2024 07:55	1	K64393.D	DB-624 0.18(mm)
STD50 460-998454/7 IC		09/28/2024 08:19	1	K64394.D	DB-624 0.18(mm)
STD200 460-998454/8 IC		09/28/2024 08:43	1	K64395.D	DB-624 0.18(mm)
STD500 460-998454/9 IC		09/28/2024 09:06	1	K64396.D	DB-624 0.18(mm)
ICV 460-998454/16		09/28/2024 11:56	1	K64403.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 10/17/2024 08:31

Analysis Batch Number: 1001940 End Date: 10/17/2024 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1001940/2		10/17/2024 08:31	1	K65060.D	DB-624 0.18(mm)
LCS 460-1001940/3		10/17/2024 08:56	1	K65061.D	DB-624 0.18(mm)
LCSD 460-1001940/6		10/17/2024 10:08	1	K65064.D	DB-624 0.18(mm)
MB 460-1001940/9		10/17/2024 11:20	1	K65067.D	DB-624 0.18(mm)
460-312971-14	A-09	10/17/2024 11:44	1	K65068.D	DB-624 0.18(mm)
ZZZZZ (QC)		10/17/2024 12:08	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/17/2024 13:23	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/17/2024 14:34	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/17/2024 14:58	1		DB-624 0.18(mm)
ZZZZZ		10/17/2024 15:28	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/17/2024 15:52	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 997049 Batch Start Date: 09/20/24 10:21 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00173	524FREONS 00024	7 Freons Hi 00018	7 Freons SS 00018
BFB 460-997049/1		8260D			5 mL	5 mL				
STD8 460-997049/3 IC		8260D			5 mL	5 mL				
STD05 460-997049/4 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD1 460-997049/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-997049/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-997049/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-997049/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-997049/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-997049/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-997049/16		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00184	8260MIX1COMB 00193	ACROLEIN SP 00169	ACROLEIN W 00173	ACRY/EPIH MIX 00129	BFB 00036
BFB 460-997049/1		8260D								1 uL
STD8 460-997049/3 IC		8260D							20 uL	
STD05 460-997049/4 IC		8260D				5 uL		2 uL		
STD1 460-997049/5 IC		8260D				10 uL		4 uL		
STD5 460-997049/6 IC		8260D				10 uL		4 uL		
STD20 460-997049/7 ICIS		8260D				20 uL		4 uL		
STD50 460-997049/8 IC		8260D				50 uL		10 uL		
STD200 460-997049/9 IC		8260D						20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 997049 Batch Start Date: 09/20/24 10:21 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00184	8260MIX1COMB 00193	ACROLEIN SP 00169	ACROLEIN W 00173	ACRY/EPIH MIX 00129	BFB 00036
STD500 460-997049/10 IC		8260D						40 uL		
ICV 460-997049/16		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00093	GAS C SP 00587	GAS Hi 00479	GASES Li 00604	MIX 2 Hi 00153	MIX I Hi 00180
BFB 460-997049/1		8260D								
STD8 460-997049/3 IC		8260D						2.5 uL		
STD05 460-997049/4 IC		8260D						5 uL		
STD1 460-997049/5 IC		8260D						10 uL		
STD5 460-997049/6 IC		8260D						10 uL		
STD20 460-997049/7 ICIS		8260D						20 uL		
STD50 460-997049/8 IC		8260D						50 uL		
STD200 460-997049/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-997049/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-997049/16		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00076					
BFB 460-997049/1		8260D								
STD8 460-997049/3 IC		8260D			5 uL					
STD05 460-997049/4 IC		8260D			5 uL					
STD1 460-997049/5 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 997049 Batch Start Date: 09/20/24 10:21 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00076					
STD5 460-997049/6 IC		8260D			5 uL					
STD20 460-997049/7 ICIS		8260D			5 uL					
STD50 460-997049/8 IC		8260D			5 uL					
STD200 460-997049/9 IC		8260D			5 uL					
STD500 460-997049/10 IC		8260D			5 uL					
ICV 460-997049/16		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 998454 Batch Start Date: 09/28/24 04:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00173	524FREONS 00024	7 Freons Hi 00018	7 Freons SS 00018
BFB 460-998454/1		8260D			5 mL	5 mL				
STD7 460-998454/3 IC		8260D			5 mL	5 mL				
STD1 460-998454/4 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-998454/5 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-998454/6 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-998454/7 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-998454/8 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-998454/9 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-998454/16		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00184	8260ISNEW 00175	8260MIX1COMB 00193	8260SURR250 00249	ACROLEIN SP 00169	ACROLEIN W 00174
BFB 460-998454/1		8260D				1 uL		1 uL		
STD7 460-998454/3 IC		8260D				1 uL		1 uL		
STD1 460-998454/4 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD5 460-998454/5 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-998454/6 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-998454/7 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-998454/8 IC		8260D				1 uL		1 uL		20 uL
STD500 460-998454/9 IC		8260D				1 uL		1 uL		40 uL
ICV 460-998454/16		8260D			20 uL	1 uL		1 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 998454 Batch Start Date: 09/28/24 04:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00129	BFB 00036	Ethanol mix 00093	GAS C SP 00588	GAS Hi 00479	GASES Li 00605
BFB 460-998454/1		8260D				1 uL				
STD7 460-998454/3 IC		8260D			20 uL					2.5 uL
STD1 460-998454/4 IC		8260D								10 uL
STD5 460-998454/5 IC		8260D								10 uL
STD20 460-998454/6 ICIS		8260D								20 uL
STD50 460-998454/7 IC		8260D								50 uL
STD200 460-998454/8 IC		8260D					20 uL		20 uL	
STD500 460-998454/9 IC		8260D					50 uL		50 uL	
ICV 460-998454/16		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00153	MIX I Hi 00180				
BFB 460-998454/1		8260D								
STD7 460-998454/3 IC		8260D								
STD1 460-998454/4 IC		8260D								
STD5 460-998454/5 IC		8260D								
STD20 460-998454/6 ICIS		8260D								
STD50 460-998454/7 IC		8260D								
STD200 460-998454/8 IC		8260D			20 uL	20 uL				
STD500 460-998454/9 IC		8260D			50 uL	50 uL				
ICV 460-998454/16		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 998454 Batch Start Date: 09/28/24 04:26 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 1000443 Batch Start Date: 10/09/24 06:18 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00025	8260MIX1COMB 00194	ACROLEIN W 00175
CCVIS 460-1000443/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1000443/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1000443/6		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1000443/9		8260D			5 mL	5 mL				
460-312971-A-5 MS	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-312971-A-5 MSD	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-312971-A-5	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-2	ME-8	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-3	ME-13	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-6	A-06	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-7	A-066	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-9	A-07	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-10	A-05	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-11	A-10	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-8	A-08	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00606	VOA6IS/SURR 00077				
CCVIS 460-1000443/3		8260D			20 uL	5 uL				
LCS 460-1000443/4		8260D			20 uL	5 uL				
LCSD 460-1000443/6		8260D			20 uL	5 uL				
MB 460-1000443/9		8260D				5 uL				
460-312971-A-5 MS	A-02	8260D	Water	T	20 uL	5 uL				
460-312971-A-5 MSD	A-02	8260D	Water	T	20 uL	5 uL				
460-312971-A-5	A-02	8260D	Water	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 1000443 Batch Start Date: 10/09/24 06:18 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00606	VOA6IS/SURR 00077				
460-312971-A-2	ME-8	8260D	Water	T		5 uL				
460-312971-A-3	ME-13	8260D	Water	T		5 uL				
460-312971-A-6	A-06	8260D	Water	T		5 uL				
460-312971-A-7	A-066	8260D	Water	T		5 uL				
460-312971-A-9	A-07	8260D	Water	T		5 uL				
460-312971-A-10	A-05	8260D	Water	T		5 uL				
460-312971-A-11	A-10	8260D	Water	T		5 uL				
460-312971-A-8	A-08	8260D	Water	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 1000575 Batch Start Date: 10/09/24 18:22 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00025	8260MIX1COMB 00194	ACROLEIN W 00175
CCVIS 460-1000575/2		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1000575/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1000575/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1000575/8		8260D			5 mL	5 mL				
460-312971-A-12	FB1003	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-13	Trip Blank	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-B-4	MW-113	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-312971-A-1	A-15	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00606	VOA6IS/SURR 00077				
CCVIS 460-1000575/2		8260D			20 uL	5 uL				
LCS 460-1000575/4		8260D			20 uL	5 uL				
LCSD 460-1000575/5		8260D			20 uL	5 uL				
MB 460-1000575/8		8260D				5 uL				
460-312971-A-12	FB1003	8260D	Water	T		5 uL				
460-312971-A-13	Trip Blank	8260D	Water	T		5 uL				
460-312971-B-4	MW-113	8260D	Water	T		5 uL				
460-312971-A-1	A-15	8260D	Water	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Batch Number: 1001940 Batch Start Date: 10/17/24 08:31 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00025	8260ISNEW 00207	8260MIX1COMB 00194
CCVIS 460-1001940/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1001940/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-1001940/6		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1001940/9		8260D			5 mL	5 mL			1 uL	
460-312971-A-14	A-09	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00251	ACROLEIN W 00175	GASES Li 00607			
CCVIS 460-1001940/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1001940/3		8260D			1 uL	4 uL	20 uL			
LCSD 460-1001940/6		8260D			1 uL	4 uL	20 uL			
MB 460-1001940/9		8260D			1 uL					
460-312971-A-14	A-09	8260D	Water	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address. _____

_____

_____

Chain of Custody Record

NYC 222

610336

eurofins | Environment Testing America

Regulatory Program: [X] DW [ ] NPDES [ ] RCRA [ ] Other

TAL-8210

Client Contact	Project Manager: Ben Conviemi	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email	Lab Contact: Karen Smetanka	Carrier:	1 of 2 COCs
Address: 640 Johnson Ave. Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	[ ] CALENDAR DAYS [ ] WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	[ ] 2 weeks			Lab Sampling
Project Name:	[ ] 1 week			
Site.	[ ] 2 days			Job / SDG No.: 312971
PO#	[ ] 1 day			

460-312971 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes.
A-15	10/3/24	8 10	G	GW	3	N	N	X	-1
ME-8		8 50							-2
ME-13		9 25							-3
MW-113		10 10							-4
A-02		10 45			9		Y		* MS/MSD * -5
A-06		11 10			3		N		-6
A-066		11 12							-7
A-08		11 35							-8
A-07		12 10							-9
A-05		12 25							-10
A-10		13 15							-11
FB1003		14 00		AQ	2				-12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months

Special Instructions/QC Requirements & Comments:

CAT B

Custody Seals Intact: [ ] Yes [ ] No	Custody Seal No.	Cooler Temp. (°C): Obs'd. _____ Corr'd: _____	Therm ID No. _____

	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	FPM Group	10/3/24 12:40 PM			
Relinquished by	Company	Date/Time:	Received by	Company	Date/Time: 10/4/24 1600
Relinquished by	Company: EET 10/4/24	Date/Time: 1900	Received in Laboratory by:	Company: ETA	Date/Time: 10/4 1900

Cooler 10/03 IR #9 1.0/1.2 °C

Chain of Custody Record

610335

eurofins | Environment Testing America

NYC 222

Address. _____

Regulatory Program: [X] DW [ ] NPDES [ ] RCRA [ ] Other

TAL-8210

Client Contact	Project Manager	Site Contact:	Date	COC No:
Company Name: FPM Group	Tel/Email	Lab Contact:	Carrier	2 of 2 COCs
Address: 640 Johnson Ave Suite 101	Analysis Turnaround Time			Sampler
City/State/Zip: Bohemia NY 11716	[ ] CALENDAR DAYS [ ] WORKING DAYS			For Lab Use Only
Phone: 631-737-6202	TAT if different from Below STD			Walk-in Client:
Fax:	[ ] 2 weeks			Lab Sampling
Project Name: 90-30 Metropolitan Ave	[ ] 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	[ ] 2 days			Job / SDG No 312991
P O #	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes.
Trip Blank	10/3/24	1430		AQ	2	N	N	X	-13 -14

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other n

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months

Special Instructions/QC Requirements & Comments
COT B

Custody Seals Intact: [ ] Yes [ ] No | Custody Seal No | Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ Therm ID No. _____

	Company	Date/Time:	Received by	Company	Date/Time:
Relinquished by:	FPM Group			EA	9:05
Relinquished by:	Company	Date/Time:	Received by:	EET 10-4	24 1600
Relinquished by: 10/03 ZCH	Company EET 10-4-24	Date/Time: 1900	Received in Laboratory by:	Company ETA	Date/Time: 10/4 1900

10/3/24 ZCH 1.0/1.2 °C

10/8/2024 12:00:41 PM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 31297

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted* _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials. MM Date: 10-4-24

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-312971-1

Login Number: 312971
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Ltd
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 5/8/2025 8:59 AM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-325354-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

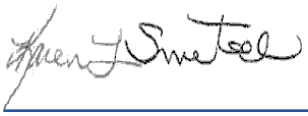
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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5/8/2025 8:59 AM

Authorized for release by
Karen L Smetanka, Project Manager I
karen.Smetanka@et.eurofinsus.com

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CASE NARRATIVE

Client: FPM Group Ltd

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-325354-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/01/2025; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-325354-1), ME-8 (460-325354-2), ME-13 (460-325354-3), ME-113 (460-325354-4), A-02 (460-325354-5), A-08 (460-325354-6), A-07 (460-325354-7), A-06 (460-325354-8), A-066 (460-325354-9), A-05 (460-325354-10), A-09 (460-325354-11), A-10 (460-325354-12), FB0430 (460-325354-13) and Trip Blank (460-325354-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/06/2025 and 05/07/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1035985 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035770 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene, cis-1,2-Dichloroethene and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035827 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-325354-1	A-15	Water	04/30/25 10:20	05/01/25 19:30
460-325354-2	ME-8	Water	04/30/25 11:10	05/01/25 19:30
460-325354-3	ME-13	Water	04/30/25 11:45	05/01/25 19:30
460-325354-4	ME-113	Water	04/30/25 12:35	05/01/25 19:30
460-325354-5	A-02	Water	04/30/25 13:20	05/01/25 19:30
460-325354-6	A-08	Water	04/30/25 14:05	05/01/25 19:30
460-325354-7	A-07	Water	04/30/25 14:45	05/01/25 19:30
460-325354-8	A-06	Water	04/30/25 15:20	05/01/25 19:30
460-325354-9	A-066	Water	04/30/25 15:23	05/01/25 19:30
460-325354-10	A-05	Water	04/30/25 16:05	05/01/25 19:30
460-325354-11	A-09	Water	04/30/25 16:45	05/01/25 19:30
460-325354-12	A-10	Water	04/30/25 17:10	05/01/25 19:30
460-325354-13	FB0430	Water	04/30/25 17:30	05/01/25 19:30
460-325354-14	Trip Blank	Water	04/30/25 17:45	05/01/25 19:30

Detection Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15 — Lab Sample ID: 460-325354-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	26		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-325354-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	30		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-325354-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.48	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.5		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	2.2		0.28	0.074	ug/L	1		8260D	Total/NA
Vinyl chloride	25		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: ME-113 — Lab Sample ID: 460-325354-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.6		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-325354-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.0		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-325354-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	440		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	1.4		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-325354-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	10		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-325354-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.89	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	150		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.46		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-325354-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.93	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	160		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: A-05 — Lab Sample ID: 460-325354-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	70		0.40	0.28	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-09 — Lab Sample ID: 460-325354-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.5		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-10 — Lab Sample ID: 460-325354-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	18		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	1.0		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB0430 — Lab Sample ID: 460-325354-13

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 460-325354-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: A-15
Lab Sample ID: 460-325354-1

Date Collected: 04/30/25 10:20
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 04:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 04:27	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 04:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 04:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 04:27	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 04:27	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 04:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 04:27	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 04:27	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 04:27	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 04:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 04:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 04:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 04:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 04:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 04:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 04:27	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 04:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 04:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 04:27	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 04:27	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 04:27	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 04:27	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 04:27	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 04:27	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 04:27	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 04:27	1
Tetrachloroethene	**26**		0.40	0.28	ug/L			05/06/25 04:27	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 04:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 04:27	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 04:27	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 04:27	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 04:27	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*05/06/25 04:27*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*05/06/25 04:27*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*05/06/25 04:27*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/06/25 04:27*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-325354-2

Date Collected: 04/30/25 11:10
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 04:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 04:56	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 04:56	1

Client Sample ID: ME-8
Lab Sample ID: 460-325354-2

Date Collected: 04/30/25 11:10
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 04:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 04:56	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 04:56	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 04:56	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 04:56	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 04:56	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 04:56	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 04:56	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 04:56	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 04:56	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 04:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 04:56	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 04:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 04:56	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 04:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 04:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 04:56	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 04:56	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 04:56	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 04:56	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 04:56	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 04:56	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 04:56	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 04:56	1
Tetrachloroethene	**30**		0.40	0.28	ug/L			05/06/25 04:56	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 04:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 04:56	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 04:56	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 04:56	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 04:56	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*05/06/25 04:56*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*05/06/25 04:56*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*05/06/25 04:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/06/25 04:56*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-325354-3

Date Collected: 04/30/25 11:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 14:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 14:56	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 14:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 14:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 14:56	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 14:56	1

Client Sample ID: ME-13
Lab Sample ID: 460-325354-3

Date Collected: 04/30/25 11:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 14:56	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 14:56	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 14:56	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 14:56	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 14:56	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 14:56	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 14:56	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 14:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 14:56	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 14:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 14:56	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 14:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 14:56	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.48	ug/L			05/06/25 14:56	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 14:56	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 14:56	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 14:56	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 14:56	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 14:56	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 14:56	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 14:56	1
Tetrachloroethene	**9.5**		0.40	0.28	ug/L			05/06/25 14:56	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 14:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 14:56	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 14:56	1
Trichloroethene	**2.2**		0.28	0.074	ug/L			05/06/25 14:56	1
Vinyl chloride	**25**		1.0	0.40	ug/L			05/06/25 14:56	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/06/25 14:56*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*05/06/25 14:56*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/06/25 14:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/06/25 14:56*	*1*

Client Sample ID: ME-113
Lab Sample ID: 460-325354-4

Date Collected: 04/30/25 12:35
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 05:53	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 05:53	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 05:53	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 05:53	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 05:53	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 05:53	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 05:53	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 05:53	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 05:53	1

Client Sample ID: ME-113
Date Collected: 04/30/25 12:35
Date Received: 05/01/25 19:30

Lab Sample ID: 460-325354-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 05:53	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 05:53	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 05:53	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 05:53	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 05:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 05:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 05:53	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 05:53	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 05:53	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 05:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 05:53	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 05:53	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 05:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 05:53	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 05:53	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 05:53	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 05:53	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 05:53	1
Tetrachloroethene	**2.6**		0.40	0.28	ug/L			05/06/25 05:53	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 05:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 05:53	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 05:53	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 05:53	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 05:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*05/06/25 05:53*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*05/06/25 05:53*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*05/06/25 05:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/06/25 05:53*	*1*

Client Sample ID: A-02
Date Collected: 04/30/25 13:20
Date Received: 05/01/25 19:30

Lab Sample ID: 460-325354-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 06:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 06:22	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 06:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 06:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 06:22	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 06:22	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 06:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 06:22	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 06:22	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 06:22	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 06:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 06:22	1

Client Sample ID: A-02
Lab Sample ID: 460-325354-5

Date Collected: 04/30/25 13:20
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 06:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 06:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 06:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 06:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 06:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 06:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 06:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 06:22	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 06:22	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 06:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 06:22	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 06:22	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 06:22	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 06:22	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 06:22	1
Tetrachloroethene	**6.0**		0.40	0.28	ug/L			05/06/25 06:22	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 06:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 06:22	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 06:22	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 06:22	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 06:22	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 06:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*05/06/25 06:22*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*05/06/25 06:22*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*05/06/25 06:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/06/25 06:22*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-325354-6

Date Collected: 04/30/25 14:05
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 08:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 08:43	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 08:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 08:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 08:43	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 08:43	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 08:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 08:43	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 08:43	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 08:43	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/07/25 08:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 08:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 08:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 08:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 08:43	1

Client Sample ID: A-08
Lab Sample ID: 460-325354-6

Date Collected: 04/30/25 14:05
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 08:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 08:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 08:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 08:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 08:43	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 08:43	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/07/25 08:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 08:43	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/07/25 08:43	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/07/25 08:43	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 08:43	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 08:43	1
Tetrachloroethene	**440**		0.40	0.28	ug/L			05/07/25 08:43	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 08:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 08:43	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 08:43	1
Trichloroethene	**1.4**		0.28	0.074	ug/L			05/07/25 08:43	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 08:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*05/07/25 08:43*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*05/07/25 08:43*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*05/07/25 08:43*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/07/25 08:43*	*1*

Client Sample ID: A-07
Lab Sample ID: 460-325354-7

Date Collected: 04/30/25 14:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 06:50	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 06:50	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 06:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 06:50	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 06:50	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 06:50	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 06:50	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 06:50	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 06:50	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 06:50	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 06:50	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 06:50	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 06:50	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 06:50	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 06:50	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 06:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 06:50	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 06:50	1

Client Sample ID: A-07
Lab Sample ID: 460-325354-7

Date Collected: 04/30/25 14:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 06:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 06:50	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 06:50	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 06:50	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 06:50	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 06:50	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 06:50	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 06:50	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 06:50	1
Tetrachloroethene	**10**		0.40	0.28	ug/L			05/06/25 06:50	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 06:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 06:50	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 06:50	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 06:50	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 06:50	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/06/25 06:50*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*05/06/25 06:50*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*05/06/25 06:50*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/06/25 06:50*	*1*

Client Sample ID: A-06
Lab Sample ID: 460-325354-8

Date Collected: 04/30/25 15:20
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 07:19	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 07:19	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 07:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 07:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 07:19	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 07:19	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 07:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 07:19	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 07:19	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 07:19	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 07:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 07:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 07:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 07:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 07:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 07:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 07:19	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 07:19	1
Chloromethane	**0.89**	**J**	1.0	0.40	ug/L			05/06/25 07:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 07:19	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 07:19	1

Client Sample ID: A-06
Date Collected: 04/30/25 15:20
Date Received: 05/01/25 19:30

Lab Sample ID: 460-325354-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 07:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 07:19	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 07:19	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 07:19	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 07:19	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 07:19	1
Tetrachloroethene	**150**		0.40	0.28	ug/L			05/06/25 07:19	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 07:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 07:19	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 07:19	1
Trichloroethene	**0.46**		0.28	0.074	ug/L			05/06/25 07:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 07:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 07:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/06/25 07:19*	*1*
4-Bromofluorobenzene	*86*		*76 - 120*		*05/06/25 07:19*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/06/25 07:19*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/06/25 07:19*	*1*

Client Sample ID: A-066
Date Collected: 04/30/25 15:23
Date Received: 05/01/25 19:30

Lab Sample ID: 460-325354-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 07:47	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 07:47	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 07:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 07:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 07:47	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 07:47	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 07:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 07:47	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 07:47	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 07:47	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 07:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 07:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 07:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 07:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 07:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 07:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 07:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 07:47	1
Chloromethane	**0.93**	**J**	1.0	0.40	ug/L			05/06/25 07:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 07:47	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 07:47	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 07:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 07:47	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 07:47	1

Client Sample ID: A-066
Lab Sample ID: 460-325354-9

Date Collected: 04/30/25 15:23
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 07:47	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 07:47	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 07:47	1
Tetrachloroethene	**160**		0.40	0.28	ug/L			05/06/25 07:47	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 07:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 07:47	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 07:47	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			05/06/25 07:47	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 07:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*05/06/25 07:47*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*05/06/25 07:47*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*05/06/25 07:47*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/06/25 07:47*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-325354-10

Date Collected: 04/30/25 16:05
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 08:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 08:16	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 08:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 08:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 08:16	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 08:16	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 08:16	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 08:16	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 08:16	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 08:16	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 08:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 08:16	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 08:16	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 08:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 08:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 08:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 08:16	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 08:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 08:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 08:16	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 08:16	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 08:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 08:16	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 08:16	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 08:16	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 08:16	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 08:16	1

Client Sample ID: A-05
Lab Sample ID: 460-325354-10

Date Collected: 04/30/25 16:05
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**70**		0.40	0.28	ug/L			05/06/25 08:16	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 08:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 08:16	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 08:16	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 08:16	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 08:16	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 08:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*05/06/25 08:16*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*05/06/25 08:16*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*05/06/25 08:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/06/25 08:16*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-325354-11

Date Collected: 04/30/25 16:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 08:44	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 08:44	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 08:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 08:44	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 08:44	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 08:44	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 08:44	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 08:44	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 08:44	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 08:44	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 08:44	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 08:44	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 08:44	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 08:44	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 08:44	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 08:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 08:44	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 08:44	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 08:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 08:44	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 08:44	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 08:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 08:44	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 08:44	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 08:44	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 08:44	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 08:44	1
Tetrachloroethene	**6.5**		0.40	0.28	ug/L			05/06/25 08:44	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 08:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 08:44	1

Client Sample ID: A-09
Lab Sample ID: 460-325354-11

Date Collected: 04/30/25 16:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 08:44	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 08:44	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 08:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/06/25 08:44*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*05/06/25 08:44*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/06/25 08:44*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/06/25 08:44*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-325354-12

Date Collected: 04/30/25 17:10
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 09:13	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 09:13	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 09:13	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 09:13	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 09:13	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 09:13	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 09:13	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 09:13	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 09:13	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 09:13	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 09:13	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 09:13	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 09:13	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 09:13	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 09:13	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 09:13	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 09:13	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 09:13	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 09:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 09:13	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 09:13	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 09:13	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 09:13	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 09:13	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 09:13	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 09:13	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 09:13	1
Tetrachloroethene	**18**		0.40	0.28	ug/L			05/06/25 09:13	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 09:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 09:13	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 09:13	1
Trichloroethene	**1.0**		0.28	0.074	ug/L			05/06/25 09:13	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 09:13	1

Client Sample ID: A-10
Lab Sample ID: 460-325354-12

Date Collected: 04/30/25 17:10
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 09:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*05/06/25 09:13*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*05/06/25 09:13*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*05/06/25 09:13*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/06/25 09:13*	*1*

Client Sample ID: FB0430
Lab Sample ID: 460-325354-13

Date Collected: 04/30/25 17:30
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 03:59	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 03:59	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 03:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 03:59	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 03:59	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 03:59	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 03:59	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 03:59	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 03:59	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 03:59	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 03:59	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 03:59	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 03:59	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 03:59	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 03:59	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 03:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 03:59	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 03:59	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 03:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 03:59	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 03:59	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 03:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 03:59	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 03:59	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 03:59	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 03:59	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 03:59	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/06/25 03:59	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 03:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 03:59	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 03:59	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 03:59	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 03:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 03:59	1

Client Sample ID: FB0430
Lab Sample ID: 460-325354-13

Date Collected: 04/30/25 17:30
Matrix: Water
Date Received: 05/01/25 19:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/06/25 03:59*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*05/06/25 03:59*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*05/06/25 03:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/06/25 03:59*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-325354-14

Date Collected: 04/30/25 17:45
Matrix: Water
Date Received: 05/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 03:30	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 03:30	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 03:30	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 03:30	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 03:30	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 03:30	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 03:30	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 03:30	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 03:30	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 03:30	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 03:30	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 03:30	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 03:30	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 03:30	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 03:30	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 03:30	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 03:30	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 03:30	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 03:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 03:30	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 03:30	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 03:30	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 03:30	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 03:30	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 03:30	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 03:30	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 03:30	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/06/25 03:30	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 03:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 03:30	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 03:30	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 03:30	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 03:30	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*05/06/25 03:30*	*1*
4-Bromofluorobenzene	*89*		*76 - 120*		*05/06/25 03:30*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*05/06/25 03:30*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/06/25 03:30*	*1*

Surrogate Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-325354-1	A-15	96	90	102	104
460-325354-2	ME-8	92	87	98	103
460-325354-3	ME-13	99	90	106	103
460-325354-4	ME-113	97	87	103	103
460-325354-5	A-02	95	90	100	101
460-325354-5 MS	A-02	92	93	99	101
460-325354-5 MSD	A-02	96	91	100	104
460-325354-6	A-08	96	88	100	102
460-325354-7	A-07	100	87	105	102
460-325354-8	A-06	98	86	106	101
460-325354-9	A-066	102	88	105	104
460-325354-10	A-05	101	90	108	104
460-325354-11	A-09	100	103	106	105
460-325354-12	A-10	105	87	108	102
460-325354-13	FB0430	98	87	103	101
460-325354-14	Trip Blank	96	89	100	104
LCS 460-1035770/3	Lab Control Sample	94	94	105	102
LCS 460-1035827/3	Lab Control Sample	98	95	102	105
LCS 460-1035985/4	Lab Control Sample	96	95	102	102
LCSD 460-1035827/4	Lab Control Sample Dup	98	91	107	101
LCSD 460-1035985/5	Lab Control Sample Dup	97	96	101	100
MB 460-1035770/22	Method Blank	99	89	104	102
MB 460-1035827/8	Method Blank	99	89	103	102
MB 460-1035985/8	Method Blank	100	92	106	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1035770/22
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 03:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 03:02	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 03:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 03:02	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 03:02	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 03:02	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 03:02	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 03:02	1
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 03:02	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 03:02	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 03:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 03:02	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 03:02	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 03:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 03:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 03:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 03:02	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 03:02	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 03:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 03:02	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 03:02	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 03:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 03:02	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 03:02	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 03:02	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 03:02	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 03:02	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/06/25 03:02	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 03:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 03:02	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 03:02	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 03:02	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 03:02	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 03:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/06/25 03:02*	*1*
4-Bromofluorobenzene	*89*		*76 - 120*		*05/06/25 03:02*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*05/06/25 03:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/06/25 03:02*	*1*

Lab Sample ID: LCS 460-1035770/3
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	21.9		ug/L		109	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/L		98	63 - 139		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1035770/3
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	16.9		ug/L		84	74 - 125
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130
1,1-Dichloroethene	20.0	21.1		ug/L		106	68 - 133
1,2-Dichloroethane	20.0	18.1		ug/L		91	66 - 129
1,2-Dichloropropane	20.0	19.4		ug/L		97	72 - 128
2-Hexanone	100	111		ug/L		111	72 - 134
Acetone	100	87.8		ug/L		88	60 - 133
Benzene	20.0	18.3		ug/L		91	71 - 126
Bromodichloromethane	20.0	18.2		ug/L		91	76 - 121
Bromoform	20.0	14.6		ug/L		73	58 - 128
Bromomethane	20.0	22.6		ug/L		113	33 - 150
Carbon disulfide	20.0	22.5		ug/L		112	35 - 150
Carbon tetrachloride	20.0	22.0		ug/L		110	65 - 131
Chlorobenzene	20.0	20.3		ug/L		102	80 - 120
Chloroethane	20.0	22.0		ug/L		110	54 - 150
Chloroform	20.0	19.9		ug/L		100	78 - 125
Chloromethane	20.0	21.7		ug/L		108	43 - 149
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	78 - 121
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	74 - 125
Dibromochloromethane	20.0	17.5		ug/L		88	73 - 121
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120
Methyl Ethyl Ketone	100	98.5		ug/L		98	65 - 142
methyl isobutyl ketone	100	107		ug/L		107	77 - 130
Methylene Chloride	20.0	19.9		ug/L		100	74 - 127
Styrene	20.0	19.5		ug/L		98	82 - 127
Tetrachloroethene	20.0	17.7		ug/L		88	70 - 127
Toluene	20.0	19.5		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	17.0		ug/L		85	70 - 126
trans-1,3-Dichloropropene	20.0	16.9		ug/L		85	71 - 127
Trichloroethene	20.0	19.8		ug/L		99	73 - 121
Vinyl chloride	20.0	21.7		ug/L		109	55 - 144
Xylenes, Total	40.0	39.9		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*
4-Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-325354-5 MS
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	18.6		ug/L		93	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	17.8		ug/L		89	63 - 139
1,1,2-Trichloroethane	0.58	U	20.0	17.4		ug/L		87	74 - 125
1,1-Dichloroethane	1.0	U	20.0	17.2		ug/L		86	73 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325354-5 MS
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	20.0	16.4		ug/L		82	68 - 133
1,2-Dichloroethane	0.30	U	20.0	16.5		ug/L		83	66 - 129
1,2-Dichloropropane	0.92	U	20.0	17.2		ug/L		86	72 - 128
2-Hexanone	5.0	U	100	94.8		ug/L		95	72 - 134
Acetone	5.0	U	100	69.1		ug/L		69	60 - 133
Benzene	0.45	U	20.0	17.6		ug/L		88	71 - 126
Bromodichloromethane	0.98	U	20.0	16.5		ug/L		82	76 - 121
Bromoform	1.0	U	20.0	14.3		ug/L		72	58 - 128
Bromomethane	1.0	U	20.0	18.2		ug/L		91	33 - 150
Carbon disulfide	1.0	U	20.0	18.0		ug/L		90	35 - 150
Carbon tetrachloride	1.0	U	20.0	18.3		ug/L		92	65 - 131
Chlorobenzene	1.0	U	20.0	18.8		ug/L		94	80 - 120
Chloroethane	1.0	U	20.0	19.1		ug/L		95	54 - 150
Chloroform	1.0	U	20.0	17.6		ug/L		88	78 - 125
Chloromethane	1.0	U	20.0	18.0		ug/L		90	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	16.3		ug/L		82	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	17.3		ug/L		87	74 - 125
Dibromochloromethane	0.78	U	20.0	16.5		ug/L		82	73 - 121
Ethylbenzene	1.0	U	20.0	18.4		ug/L		92	78 - 120
Methyl Ethyl Ketone	5.0	U	100	93.9		ug/L		94	65 - 142
methyl isobutyl ketone	5.0	U	100	96.2		ug/L		96	77 - 130
Methylene Chloride	1.0	U	20.0	19.8		ug/L		99	74 - 127
Styrene	1.0	U	20.0	18.1		ug/L		91	82 - 127
Tetrachloroethene	6.0		20.0	22.2		ug/L		81	70 - 127
Toluene	1.0	U	20.0	18.2		ug/L		91	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	17.7		ug/L		88	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.6		ug/L		83	71 - 127
Trichloroethene	0.28	U	20.0	17.6		ug/L		88	73 - 121
Vinyl chloride	1.0	U	20.0	18.6		ug/L		93	55 - 144
Xylenes, Total	2.0	U	40.0	36.5		ug/L		91	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-325354-5 MSD
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.1		ug/L		95	72 - 128	3	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	16.3		ug/L		81	63 - 139	9	30
1,1,2-Trichloroethane	0.58	U	20.0	18.0		ug/L		90	74 - 125	3	30
1,1-Dichloroethane	1.0	U	20.0	18.0		ug/L		90	73 - 130	4	30
1,1-Dichloroethene	1.0	U	20.0	17.5		ug/L		88	68 - 133	7	30
1,2-Dichloroethane	0.30	U	20.0	17.2		ug/L		86	66 - 129	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325354-5 MSD
Matrix: Water
Analysis Batch: 1035770

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	0.92	U	20.0	18.2		ug/L		91	72 - 128	5	30
2-Hexanone	5.0	U	100	95.2		ug/L		95	72 - 134	0	30
Acetone	5.0	U	100	70.5		ug/L		70	60 - 133	2	30
Benzene	0.45	U	20.0	18.6		ug/L		93	71 - 126	6	30
Bromodichloromethane	0.98	U	20.0	17.2		ug/L		86	76 - 121	4	30
Bromoform	1.0	U	20.0	14.0		ug/L		70	58 - 128	2	30
Bromomethane	1.0	U	20.0	21.1		ug/L		106	33 - 150	15	30
Carbon disulfide	1.0	U	20.0	18.8		ug/L		94	35 - 150	4	30
Carbon tetrachloride	1.0	U	20.0	19.3		ug/L		96	65 - 131	5	30
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120	3	30
Chloroethane	1.0	U	20.0	19.4		ug/L		97	54 - 150	2	30
Chloroform	1.0	U	20.0	18.4		ug/L		92	78 - 125	5	30
Chloromethane	1.0	U	20.0	18.3		ug/L		91	43 - 149	1	30
cis-1,2-Dichloroethene	1.0	U	20.0	17.2		ug/L		86	78 - 121	5	30
cis-1,3-Dichloropropene	0.45	U	20.0	18.0		ug/L		90	74 - 125	4	30
Dibromochloromethane	0.78	U	20.0	17.6		ug/L		88	73 - 121	7	30
Ethylbenzene	1.0	U	20.0	19.2		ug/L		96	78 - 120	4	30
Methyl Ethyl Ketone	5.0	U	100	95.8		ug/L		96	65 - 142	2	30
methyl isobutyl ketone	5.0	U	100	96.4		ug/L		96	77 - 130	0	30
Methylene Chloride	1.0	U	20.0	19.0		ug/L		95	74 - 127	4	30
Styrene	1.0	U	20.0	19.1		ug/L		95	82 - 127	5	30
Tetrachloroethene	6.0		20.0	21.9		ug/L		80	70 - 127	1	30
Toluene	1.0	U	20.0	19.2		ug/L		96	78 - 120	5	30
trans-1,2-Dichloroethene	1.0	U	20.0	15.8		ug/L		79	70 - 126	11	30
trans-1,3-Dichloropropene	0.45	U	20.0	17.0		ug/L		85	71 - 127	3	30
Trichloroethene	0.28	U	20.0	18.4		ug/L		92	73 - 121	4	30
Vinyl chloride	1.0	U	20.0	18.6		ug/L		93	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	38.1		ug/L		95	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*91*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 460-1035827/8
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/06/25 14:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/06/25 14:28	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/06/25 14:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/06/25 14:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/06/25 14:28	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/06/25 14:28	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/06/25 14:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/06/25 14:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1035827/8
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	5.0	4.4	ug/L			05/06/25 14:28	1
Benzene	0.45	U	0.45	0.070	ug/L			05/06/25 14:28	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/06/25 14:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/06/25 14:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/06/25 14:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/06/25 14:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/06/25 14:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/25 14:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/06/25 14:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/06/25 14:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/06/25 14:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/06/25 14:28	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/06/25 14:28	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/06/25 14:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/06/25 14:28	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/06/25 14:28	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/06/25 14:28	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/06/25 14:28	1
Styrene	1.0	U	1.0	0.42	ug/L			05/06/25 14:28	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/06/25 14:28	1
Toluene	1.0	U	1.0	0.38	ug/L			05/06/25 14:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/06/25 14:28	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/06/25 14:28	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/06/25 14:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/06/25 14:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/06/25 14:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/06/25 14:28*	*1*
4-Bromofluorobenzene	*89*		*76 - 120*		*05/06/25 14:28*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*05/06/25 14:28*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/06/25 14:28*	*1*

Lab Sample ID: LCS 460-1035827/3
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	63 - 139
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	20.0	18.2		ug/L		91	73 - 130
1,1-Dichloroethene	20.0	18.9		ug/L		94	68 - 133
1,2-Dichloroethane	20.0	17.7		ug/L		89	66 - 129
1,2-Dichloropropane	20.0	17.3		ug/L		86	72 - 128
2-Hexanone	100	92.9		ug/L		93	72 - 134
Acetone	100	72.0		ug/L		72	60 - 133
Benzene	20.0	18.2		ug/L		91	71 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1035827/3
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	20.0	16.6		ug/L		83	76 - 121
Bromoform	20.0	14.8		ug/L		74	58 - 128
Bromomethane	20.0	23.4		ug/L		117	33 - 150
Carbon disulfide	20.0	16.9		ug/L		84	35 - 150
Carbon tetrachloride	20.0	19.2		ug/L		96	65 - 131
Chlorobenzene	20.0	19.3		ug/L		96	80 - 120
Chloroethane	20.0	20.2		ug/L		101	54 - 150
Chloroform	20.0	18.5		ug/L		92	78 - 125
Chloromethane	20.0	20.9		ug/L		105	43 - 149
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	78 - 121
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	74 - 125
Dibromochloromethane	20.0	17.2		ug/L		86	73 - 121
Ethylbenzene	20.0	19.3		ug/L		97	78 - 120
Methyl Ethyl Ketone	100	92.2		ug/L		92	65 - 142
methyl isobutyl ketone	100	92.2		ug/L		92	77 - 130
Methylene Chloride	20.0	18.5		ug/L		93	74 - 127
Styrene	20.0	18.8		ug/L		94	82 - 127
Tetrachloroethene	20.0	16.7		ug/L		84	70 - 127
Toluene	20.0	18.7		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	70 - 126
trans-1,3-Dichloropropene	20.0	17.3		ug/L		86	71 - 127
Trichloroethene	20.0	17.9		ug/L		89	73 - 121
Vinyl chloride	20.0	21.8		ug/L		109	55 - 144
Xylenes, Total	40.0	37.8		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 460-1035827/4
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.6		ug/L		93	72 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	17.0		ug/L		85	63 - 139	4	30
1,1,2-Trichloroethane	20.0	17.5		ug/L		87	74 - 125	3	30
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 130	2	30
1,1-Dichloroethene	20.0	19.7		ug/L		99	68 - 133	5	30
1,2-Dichloroethane	20.0	17.8		ug/L		89	66 - 129	1	30
1,2-Dichloropropane	20.0	17.4		ug/L		87	72 - 128	0	30
2-Hexanone	100	94.6		ug/L		95	72 - 134	2	30
Acetone	100	79.7		ug/L		80	60 - 133	10	30
Benzene	20.0	17.8		ug/L		89	71 - 126	2	30
Bromodichloromethane	20.0	16.5		ug/L		83	76 - 121	1	30
Bromoform	20.0	14.1		ug/L		70	58 - 128	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1035827/4
Matrix: Water
Analysis Batch: 1035827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromomethane			20.0	23.3		ug/L		116	33 - 150	1	30
Carbon disulfide			20.0	17.7		ug/L		88	35 - 150	5	30
Carbon tetrachloride			20.0	19.1		ug/L		96	65 - 131	0	30
Chlorobenzene			20.0	19.2		ug/L		96	80 - 120	0	30
Chloroethane			20.0	19.2		ug/L		96	54 - 150	5	30
Chloroform			20.0	18.7		ug/L		93	78 - 125	1	30
Chloromethane			20.0	21.1		ug/L		105	43 - 149	1	30
cis-1,2-Dichloroethene			20.0	19.1		ug/L		96	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	17.7		ug/L		88	74 - 125	7	30
Dibromochloromethane			20.0	17.3		ug/L		86	73 - 121	0	30
Ethylbenzene			20.0	18.6		ug/L		93	78 - 120	4	30
Methyl Ethyl Ketone			100	97.3		ug/L		97	65 - 142	5	30
methyl isobutyl ketone			100	92.9		ug/L		93	77 - 130	1	30
Methylene Chloride			20.0	18.7		ug/L		93	74 - 127	1	30
Styrene			20.0	18.6		ug/L		93	82 - 127	1	30
Tetrachloroethene			20.0	16.5		ug/L		83	70 - 127	1	30
Toluene			20.0	17.8		ug/L		89	78 - 120	5	30
trans-1,2-Dichloroethene			20.0	16.7		ug/L		83	70 - 126	14	30
trans-1,3-Dichloropropene			20.0	16.7		ug/L		83	71 - 127	3	30
Trichloroethene			20.0	18.2		ug/L		91	73 - 121	2	30
Vinyl chloride			20.0	21.3		ug/L		106	55 - 144	2	30
Xylenes, Total			40.0	36.7		ug/L		92	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*91*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-1035985/8
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 01:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 01:35	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 01:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 01:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 01:35	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 01:35	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 01:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 01:35	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 01:35	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 01:35	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			05/07/25 01:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 01:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 01:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 01:35	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1035985/8
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 01:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 01:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 01:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 01:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 01:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 01:35	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 01:35	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			05/07/25 01:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 01:35	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			05/07/25 01:35	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/07/25 01:35	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 01:35	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 01:35	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 01:35	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 01:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 01:35	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 01:35	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 01:35	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 01:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 01:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/07/25 01:35*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*05/07/25 01:35*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/07/25 01:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/07/25 01:35*	*1*

Lab Sample ID: LCS 460-1035985/4
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	72 - 128
1,1,2,2-Tetrachloroethane	20.0	16.9		ug/L		84	63 - 139
1,1,2-Trichloroethane	20.0	17.3		ug/L		86	74 - 125
1,1-Dichloroethane	20.0	18.1		ug/L		90	73 - 130
1,1-Dichloroethene	20.0	17.3		ug/L		86	68 - 133
1,2-Dichloroethane	20.0	17.7		ug/L		89	66 - 129
1,2-Dichloropropane	20.0	18.0		ug/L		90	72 - 128
2-Hexanone	100	98.1		ug/L		98	72 - 134
Acetone	100	66.5		ug/L		67	60 - 133
Benzene	20.0	17.6		ug/L		88	71 - 126
Bromodichloromethane	20.0	17.1		ug/L		85	76 - 121
Bromoform	20.0	14.4		ug/L		72	58 - 128
Bromomethane	20.0	20.7		ug/L		103	33 - 150
Carbon disulfide	20.0	17.1		ug/L		85	35 - 150
Carbon tetrachloride	20.0	18.2		ug/L		91	65 - 131
Chlorobenzene	20.0	18.9		ug/L		94	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1035985/4
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloroethane			20.0	18.9		ug/L		95	54 - 150		
Chloroform			20.0	18.4		ug/L		92	78 - 125		
Chloromethane			20.0	18.5		ug/L		93	43 - 149		
cis-1,2-Dichloroethene			20.0	17.7		ug/L		89	78 - 121		
cis-1,3-Dichloropropene			20.0	18.5		ug/L		93	74 - 125		
Dibromochloromethane			20.0	17.6		ug/L		88	73 - 121		
Ethylbenzene			20.0	18.5		ug/L		92	78 - 120		
Methyl Ethyl Ketone			100	97.6		ug/L		98	65 - 142		
methyl isobutyl ketone			100	97.6		ug/L		98	77 - 130		
Methylene Chloride			20.0	18.3		ug/L		92	74 - 127		
Styrene			20.0	19.0		ug/L		95	82 - 127		
Tetrachloroethene			20.0	17.0		ug/L		85	70 - 127		
Toluene			20.0	18.1		ug/L		90	78 - 120		
trans-1,2-Dichloroethene			20.0	18.1		ug/L		91	70 - 126		
trans-1,3-Dichloropropene			20.0	17.5		ug/L		87	71 - 127		
Trichloroethene			20.0	18.1		ug/L		90	73 - 121		
Vinyl chloride			20.0	19.0		ug/L		95	55 - 144		
Xylenes, Total			40.0	37.4		ug/L		94	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1035985/5
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.2		ug/L		96	72 - 128	4	30
1,1,2,2-Tetrachloroethane			20.0	18.0		ug/L		90	63 - 139	7	30
1,1,2-Trichloroethane			20.0	17.6		ug/L		88	74 - 125	2	30
1,1-Dichloroethane			20.0	18.7		ug/L		94	73 - 130	3	30
1,1-Dichloroethene			20.0	17.9		ug/L		89	68 - 133	3	30
1,2-Dichloroethane			20.0	17.0		ug/L		85	66 - 129	4	30
1,2-Dichloropropane			20.0	19.0		ug/L		95	72 - 128	6	30
2-Hexanone			100	97.5		ug/L		98	72 - 134	1	30
Acetone			100	71.5		ug/L		72	60 - 133	7	30
Benzene			20.0	17.8		ug/L		89	71 - 126	1	30
Bromodichloromethane			20.0	17.5		ug/L		88	76 - 121	3	30
Bromoform			20.0	14.1		ug/L		71	58 - 128	2	30
Bromomethane			20.0	22.3		ug/L		112	33 - 150	8	30
Carbon disulfide			20.0	17.4		ug/L		87	35 - 150	2	30
Carbon tetrachloride			20.0	19.7		ug/L		99	65 - 131	8	30
Chlorobenzene			20.0	19.4		ug/L		97	80 - 120	3	30
Chloroethane			20.0	19.1		ug/L		96	54 - 150	1	30
Chloroform			20.0	18.5		ug/L		93	78 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1035985/5
Matrix: Water
Analysis Batch: 1035985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	19.2		ug/L		96	43 - 149	3	30
cis-1,2-Dichloroethene			20.0	18.2		ug/L		91	78 - 121	2	30
cis-1,3-Dichloropropene			20.0	17.8		ug/L		89	74 - 125	4	30
Dibromochloromethane			20.0	16.7		ug/L		83	73 - 121	5	30
Ethylbenzene			20.0	18.9		ug/L		94	78 - 120	2	30
Methyl Ethyl Ketone			100	95.6		ug/L		96	65 - 142	2	30
methyl isobutyl ketone			100	97.6		ug/L		98	77 - 130	0	30
Methylene Chloride			20.0	19.4		ug/L		97	74 - 127	6	30
Styrene			20.0	19.1		ug/L		95	82 - 127	0	30
Tetrachloroethene			20.0	17.7		ug/L		89	70 - 127	4	30
Toluene			20.0	18.5		ug/L		92	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	18.6		ug/L		93	70 - 126	2	30
trans-1,3-Dichloropropene			20.0	16.8		ug/L		84	71 - 127	4	30
Trichloroethene			20.0	18.1		ug/L		91	73 - 121	0	30
Vinyl chloride			20.0	19.6		ug/L		98	55 - 144	3	30
Xylenes, Total			40.0	39.1		ug/L		98	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 1035770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-325354-1	A-15	Total/NA	Water	8260D	
460-325354-2	ME-8	Total/NA	Water	8260D	
460-325354-4	ME-113	Total/NA	Water	8260D	
460-325354-5	A-02	Total/NA	Water	8260D	
460-325354-7	A-07	Total/NA	Water	8260D	
460-325354-8	A-06	Total/NA	Water	8260D	
460-325354-9	A-066	Total/NA	Water	8260D	
460-325354-10	A-05	Total/NA	Water	8260D	
460-325354-11	A-09	Total/NA	Water	8260D	
460-325354-12	A-10	Total/NA	Water	8260D	
460-325354-13	FB0430	Total/NA	Water	8260D	
460-325354-14	Trip Blank	Total/NA	Water	8260D	
MB 460-1035770/22	Method Blank	Total/NA	Water	8260D	
LCS 460-1035770/3	Lab Control Sample	Total/NA	Water	8260D	
460-325354-5 MS	A-02	Total/NA	Water	8260D	
460-325354-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 1035827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-325354-3	ME-13	Total/NA	Water	8260D	
MB 460-1035827/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1035827/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1035827/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1035985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-325354-6	A-08	Total/NA	Water	8260D	
MB 460-1035985/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1035985/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1035985/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-325354-1
Date Collected: 04/30/25 10:20
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 04:27

Client Sample ID: ME-8
Lab Sample ID: 460-325354-2
Date Collected: 04/30/25 11:10
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 04:56

Client Sample ID: ME-13
Lab Sample ID: 460-325354-3
Date Collected: 04/30/25 11:45
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035827	KLB	EET EDI	05/06/25 14:56

Client Sample ID: ME-113
Lab Sample ID: 460-325354-4
Date Collected: 04/30/25 12:35
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 05:53

Client Sample ID: A-02
Lab Sample ID: 460-325354-5
Date Collected: 04/30/25 13:20
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 06:22

Client Sample ID: A-08
Lab Sample ID: 460-325354-6
Date Collected: 04/30/25 14:05
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035985	MZS	EET EDI	05/07/25 08:43

Client Sample ID: A-07
Lab Sample ID: 460-325354-7
Date Collected: 04/30/25 14:45
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 06:50

Client Sample ID: A-06
Lab Sample ID: 460-325354-8
Date Collected: 04/30/25 15:20
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 07:19

Client Sample ID: A-066
Lab Sample ID: 460-325354-9
Date Collected: 04/30/25 15:23
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 07:47

Client Sample ID: A-05
Lab Sample ID: 460-325354-10
Date Collected: 04/30/25 16:05
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 08:16

Client Sample ID: A-09
Lab Sample ID: 460-325354-11
Date Collected: 04/30/25 16:45
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 08:44

Client Sample ID: A-10
Lab Sample ID: 460-325354-12
Date Collected: 04/30/25 17:10
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 09:13

Client Sample ID: FB0430
Lab Sample ID: 460-325354-13
Date Collected: 04/30/25 17:30
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 03:59

Client Sample ID: Trip Blank
Lab Sample ID: 460-325354-14
Date Collected: 04/30/25 17:45
Matrix: Water
Date Received: 05/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1035770	MZS	EET EDI	05/06/25 03:30

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: FPM Group Ltd
Job ID: 460-325354-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00183	05/13/25	04/13/25	MeOH, Lot EI863-US	2 mL	1,4-Dioxane P_00001	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00001	09/27/29		Absolute, Lot 092724		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00033	05/15/25	04/15/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00026	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	7 Freons_00008	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00191	04/28/25	03/28/25	MeOH, Lot EI836-US	10 mL	KetonesC SS_00017	200 uL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix SS_00022	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00017	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	2-CEVEC_00032	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00032	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00102	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	Mega Mix_00043	1 mL	1,2-Dichloroethene, Total	100 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,2-Dichloroethene, Total	5000 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00204	05/22/25	04/22/25	MeOH, Lot EI863-US	50 mL	KetonesC_00031	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix_00043	1 mL	1,1,1-Trichloroethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260SURR250_00254	06/11/25	04/11/25	MeOH, Lot EI863-US	50 mL	8260 SURR C_00069	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00069	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00182	05/13/25	04/13/25	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00136	04/27/25	03/27/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00100	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00026	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00619	04/25/25	04/18/25	MeOH, Lot EI863-US	10 mL	GASES SS_00028	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.GASES SS_00028	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00493	04/22/25	04/08/25	MeOH, Lot EI863-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00637	04/24/25	04/17/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00639	05/07/25	04/30/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00640	05/10/25	05/03/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00160	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	2-CEVEC_00032	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00032	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00187	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00031	1 mL	2-Hexanone	2500 ug/mL
							Acetone	2500 ug/mL
							Methyl Ethyl Ketone	2500 ug/mL
							methyl isobutyl ketone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25	FLUKA, Lot SHBD0368V			(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00031	04/30/27	RESTEK, Lot A0210935			(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00043	04/30/26	RESTEK, Lot A0203458			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00102	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Reagent

1,4-Dioxane P_00001

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 2596

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 092724
Description: 1,4-Dioxane

Primary Container # 12391162

Solvent: Methanol **Lot#** EI863-US

Expiration Date: 092729
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

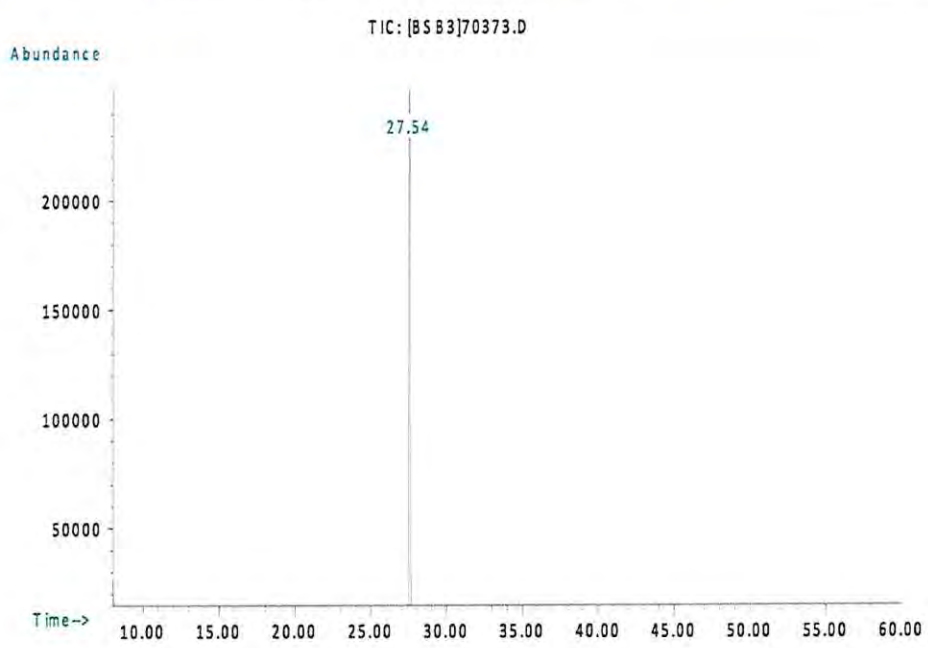
5E-05	Balance Uncertainty	
0.002	Flask Uncertainty	

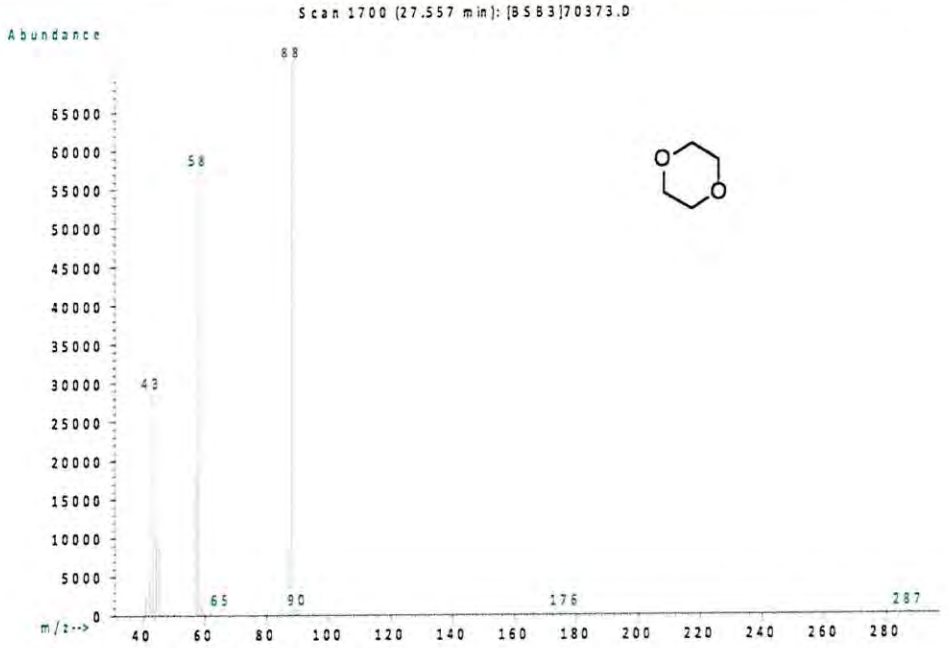
Weight(s) shown below were combined and diluted to (mL): 200.0

Prashant Chauhan	092724	
Formulated By: Prashant Chauhan	DATE	
Pedro Rentas	092724	
Reviewed By: Pedro L. Rentas	DATE	

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20220	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

2-CEVEC_00032

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2577

1/3/25 MS #12275362

5/8/2025 8:59:30 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0213181

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCV7865	99%	2,508.8 µg/mL	+/- 31.2225

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00008

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

8260 SURR C_00069

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2603

MS 3/18/25 #12422898

5/8/2025 8:59:30 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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Certificate of Analysis

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R2592

MS 2/7/25 #12340821

5/8/2025 8:59:30 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Reagent

ACROLEIN_00025

R2511

RESTEK

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 00 of 755

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

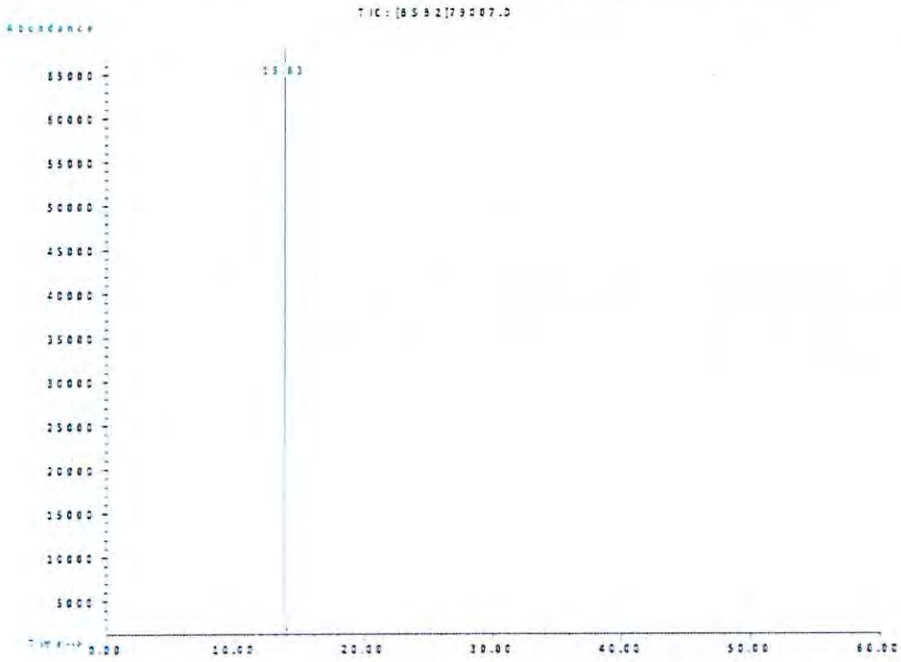
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

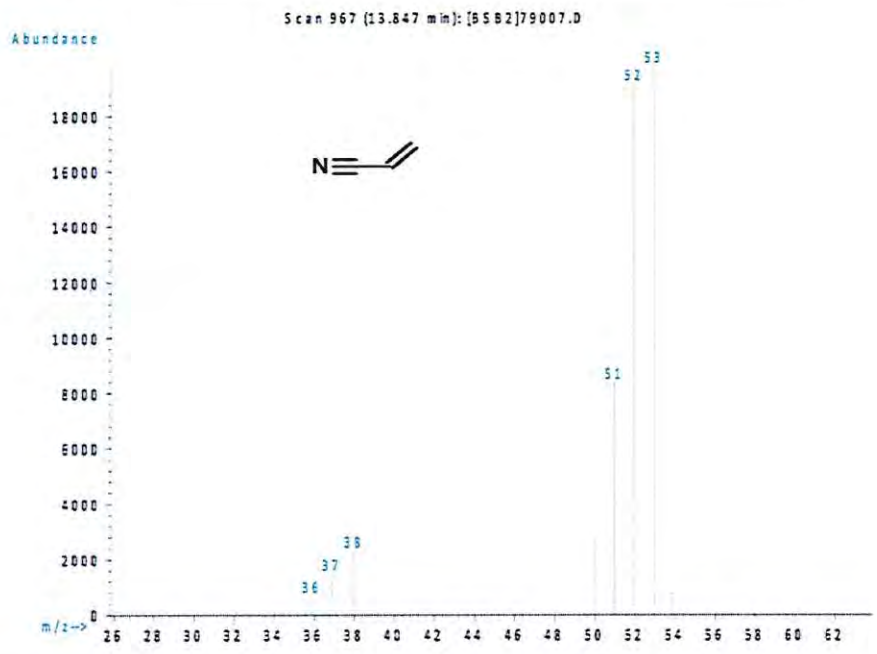
Eli Aliaga		061523
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		061523
Reviewed By:	Pedro L. Rentas	DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	ori-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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Website: www.sigmaaldrich.com
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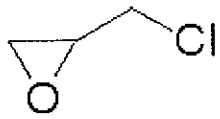
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 ° C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00026

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R2582

MS 1/15/25 #12292276

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan	010825
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	010825
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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MS 2/5/25 # 123353714

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 755

Reagent

GASES SS_00028

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R2560

MS 11/1/24 #12143985

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9557
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00017

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MS 8/20/24 R2539 #11963401

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00031

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MS 2/6/25 R2590 #12337663

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00024

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1/8125 MS R2580 #12280646

5/8/2025 8:59:30 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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Certificate of Analysis

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R2579

1/3/25 MS

#122753644

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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MS 8/20/24 # 11963397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

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53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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1/3/25 MS R2578 #12275363

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2558

MS 10/15/24 #12100078

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

5/8/2025 8:59:30 AM

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

5/8/2023
8:59:30 AM

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

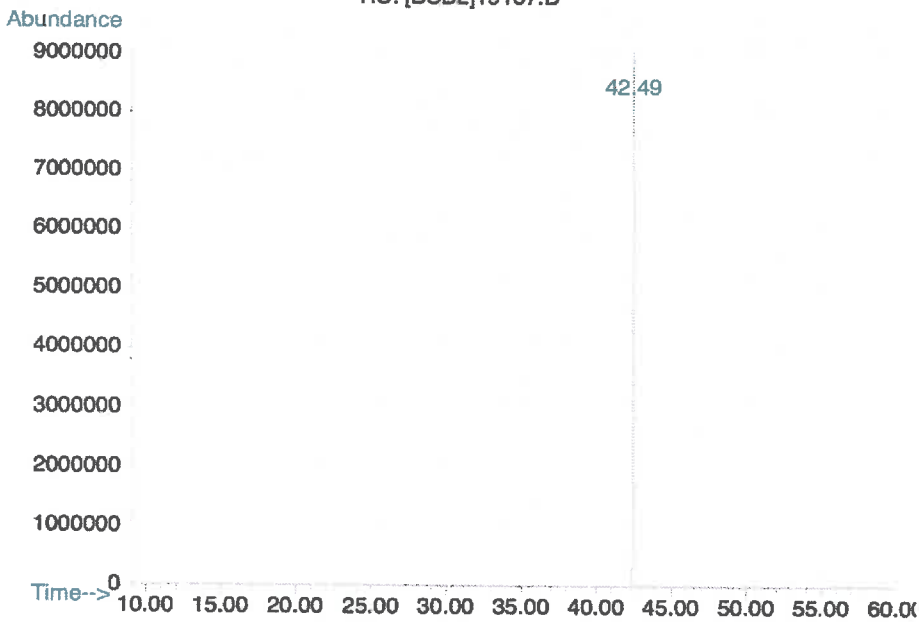
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

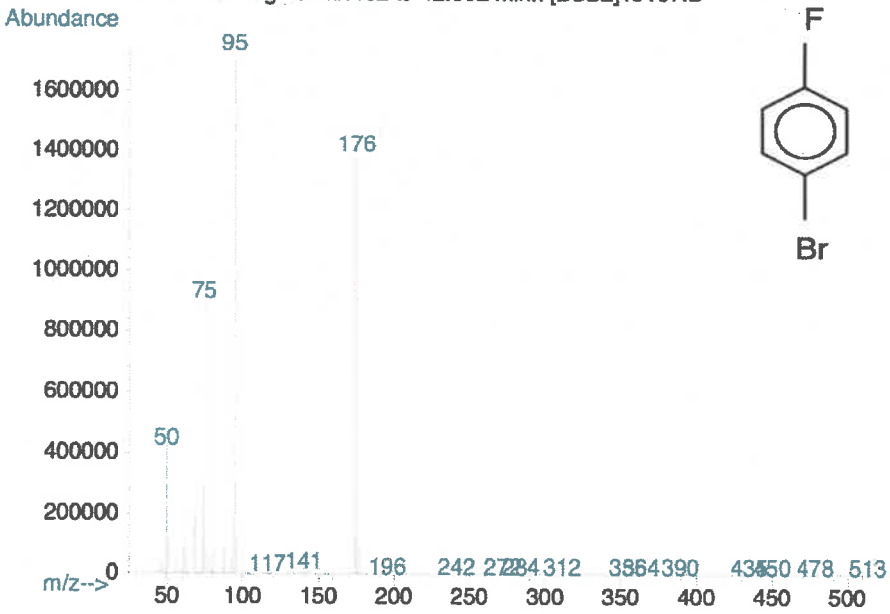
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-325354-1	102	96	104	90
ME-8	460-325354-2	98	92	103	87
ME-13	460-325354-3	106	99	103	90
ME-113	460-325354-4	103	97	103	87
A-02	460-325354-5	100	95	101	90
A-08	460-325354-6	100	96	102	88
A-07	460-325354-7	105	100	102	87
A-06	460-325354-8	106	98	101	86
A-066	460-325354-9	105	102	104	88
A-05	460-325354-10	108	101	104	90
A-09	460-325354-11	106	100	105	103
A-10	460-325354-12	108	105	102	87
FB0430	460-325354-13	103	98	101	87
Trip Blank	460-325354-14	100	96	104	89
	MB 460-1035770/22	104	99	102	89
	MB 460-1035827/8	103	99	102	89
	MB 460-1035985/8	106	100	104	92
	LCS 460-1035770/3	105	94	102	94
	LCS 460-1035827/3	102	98	105	95
	LCS 460-1035985/4	102	96	102	95
	LCSD 460-1035827/4	107	98	101	91
	LCSD 460-1035985/5	101	97	100	96
A-02 MS	460-325354-5 MS	99	92	101	93
A-02 MSD	460-325354-5 MSD	100	96	104	91

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29288.d

Lab ID: LCS 460-1035770/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.9	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.5	98	63-139	
1,1,2-Trichloroethane	20.0	16.9	84	74-125	
1,1-Dichloroethane	20.0	20.0	100	73-130	
1,1-Dichloroethene	20.0	21.1	106	68-133	
1,2-Dichloroethane	20.0	18.1	91	66-129	
1,2-Dichloropropane	20.0	19.4	97	72-128	
2-Hexanone	100	111	111	72-134	
Acetone	100	87.8	88	60-133	
Benzene	20.0	18.3	91	71-126	
Bromodichloromethane	20.0	18.2	91	76-121	
Bromoform	20.0	14.6	73	58-128	
Bromomethane	20.0	22.6	113	33-150	
Carbon disulfide	20.0	22.5	112	35-150	
Carbon tetrachloride	20.0	22.0	110	65-131	
Chlorobenzene	20.0	20.3	102	80-120	
Chloroethane	20.0	22.0	110	54-150	
Chloroform	20.0	19.9	100	78-125	
Chloromethane	20.0	21.7	108	43-149	
cis-1,2-Dichloroethene	20.0	19.0	95	78-121	
cis-1,3-Dichloropropene	20.0	18.2	91	74-125	
Dibromochloromethane	20.0	17.5	88	73-121	
Ethylbenzene	20.0	20.2	101	78-120	
Methyl Ethyl Ketone	100	98.5	98	65-142	
methyl isobutyl ketone	100	107	107	77-130	
Methylene Chloride	20.0	19.9	100	74-127	
Styrene	20.0	19.5	98	82-127	
Tetrachloroethene	20.0	17.7	88	70-127	
Toluene	20.0	19.5	98	78-120	
trans-1,2-Dichloroethene	20.0	17.0	85	70-126	
trans-1,3-Dichloropropene	20.0	16.9	85	71-127	
Trichloroethene	20.0	19.8	99	73-121	
Vinyl chloride	20.0	21.7	109	55-144	
Xylenes, Total	40.0	39.9	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29313.d

Lab ID: LCS 460-1035827/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.0	95	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	63-139	
1,1,2-Trichloroethane	20.0	18.0	90	74-125	
1,1-Dichloroethane	20.0	18.2	91	73-130	
1,1-Dichloroethene	20.0	18.9	94	68-133	
1,2-Dichloroethane	20.0	17.7	89	66-129	
1,2-Dichloropropane	20.0	17.3	86	72-128	
2-Hexanone	100	92.9	93	72-134	
Acetone	100	72.0	72	60-133	
Benzene	20.0	18.2	91	71-126	
Bromodichloromethane	20.0	16.6	83	76-121	
Bromoform	20.0	14.8	74	58-128	
Bromomethane	20.0	23.4	117	33-150	
Carbon disulfide	20.0	16.9	84	35-150	
Carbon tetrachloride	20.0	19.2	96	65-131	
Chlorobenzene	20.0	19.3	96	80-120	
Chloroethane	20.0	20.2	101	54-150	
Chloroform	20.0	18.5	92	78-125	
Chloromethane	20.0	20.9	105	43-149	
cis-1,2-Dichloroethene	20.0	18.4	92	78-121	
cis-1,3-Dichloropropene	20.0	18.9	95	74-125	
Dibromochloromethane	20.0	17.2	86	73-121	
Ethylbenzene	20.0	19.3	97	78-120	
Methyl Ethyl Ketone	100	92.2	92	65-142	
methyl isobutyl ketone	100	92.2	92	77-130	
Methylene Chloride	20.0	18.5	93	74-127	
Styrene	20.0	18.8	94	82-127	
Tetrachloroethene	20.0	16.7	84	70-127	
Toluene	20.0	18.7	94	78-120	
trans-1,2-Dichloroethene	20.0	19.2	96	70-126	
trans-1,3-Dichloropropene	20.0	17.3	86	71-127	
Trichloroethene	20.0	17.9	89	73-121	
Vinyl chloride	20.0	21.8	109	55-144	
Xylenes, Total	40.0	37.8	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29338.d

Lab ID: LCS 460-1035985/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.5	93	72-128	
1,1,2,2-Tetrachloroethane	20.0	16.9	84	63-139	
1,1,2-Trichloroethane	20.0	17.3	86	74-125	
1,1-Dichloroethane	20.0	18.1	90	73-130	
1,1-Dichloroethene	20.0	17.3	86	68-133	
1,2-Dichloroethane	20.0	17.7	89	66-129	
1,2-Dichloropropane	20.0	18.0	90	72-128	
2-Hexanone	100	98.1	98	72-134	
Acetone	100	66.5	67	60-133	
Benzene	20.0	17.6	88	71-126	
Bromodichloromethane	20.0	17.1	85	76-121	
Bromoform	20.0	14.4	72	58-128	
Bromomethane	20.0	20.7	103	33-150	
Carbon disulfide	20.0	17.1	85	35-150	
Carbon tetrachloride	20.0	18.2	91	65-131	
Chlorobenzene	20.0	18.9	94	80-120	
Chloroethane	20.0	18.9	95	54-150	
Chloroform	20.0	18.4	92	78-125	
Chloromethane	20.0	18.5	93	43-149	
cis-1,2-Dichloroethene	20.0	17.7	89	78-121	
cis-1,3-Dichloropropene	20.0	18.5	93	74-125	
Dibromochloromethane	20.0	17.6	88	73-121	
Ethylbenzene	20.0	18.5	92	78-120	
Methyl Ethyl Ketone	100	97.6	98	65-142	
methyl isobutyl ketone	100	97.6	98	77-130	
Methylene Chloride	20.0	18.3	92	74-127	
Styrene	20.0	19.0	95	82-127	
Tetrachloroethene	20.0	17.0	85	70-127	
Toluene	20.0	18.1	90	78-120	
trans-1,2-Dichloroethene	20.0	18.1	91	70-126	
trans-1,3-Dichloropropene	20.0	17.5	87	71-127	
Trichloroethene	20.0	18.1	90	73-121	
Vinyl chloride	20.0	19.0	95	55-144	
Xylenes, Total	40.0	37.4	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29314.d

Lab ID: LCSD 460-1035827/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.6	93	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.0	85	4	30	63-139	
1,1,2-Trichloroethane	20.0	17.5	87	3	30	74-125	
1,1-Dichloroethane	20.0	18.6	93	2	30	73-130	
1,1-Dichloroethene	20.0	19.7	99	5	30	68-133	
1,2-Dichloroethane	20.0	17.8	89	1	30	66-129	
1,2-Dichloropropane	20.0	17.4	87	0	30	72-128	
2-Hexanone	100	94.6	95	2	30	72-134	
Acetone	100	79.7	80	10	30	60-133	
Benzene	20.0	17.8	89	2	30	71-126	
Bromodichloromethane	20.0	16.5	83	1	30	76-121	
Bromoform	20.0	14.1	70	5	30	58-128	
Bromomethane	20.0	23.3	116	1	30	33-150	
Carbon disulfide	20.0	17.7	88	5	30	35-150	
Carbon tetrachloride	20.0	19.1	96	0	30	65-131	
Chlorobenzene	20.0	19.2	96	0	30	80-120	
Chloroethane	20.0	19.2	96	5	30	54-150	
Chloroform	20.0	18.7	93	1	30	78-125	
Chloromethane	20.0	21.1	105	1	30	43-149	
cis-1,2-Dichloroethene	20.0	19.1	96	4	30	78-121	
cis-1,3-Dichloropropene	20.0	17.7	88	7	30	74-125	
Dibromochloromethane	20.0	17.3	86	0	30	73-121	
Ethylbenzene	20.0	18.6	93	4	30	78-120	
Methyl Ethyl Ketone	100	97.3	97	5	30	65-142	
methyl isobutyl ketone	100	92.9	93	1	30	77-130	
Methylene Chloride	20.0	18.7	93	1	30	74-127	
Styrene	20.0	18.6	93	1	30	82-127	
Tetrachloroethene	20.0	16.5	83	1	30	70-127	
Toluene	20.0	17.8	89	5	30	78-120	
trans-1,2-Dichloroethene	20.0	16.7	83	14	30	70-126	
trans-1,3-Dichloropropene	20.0	16.7	83	3	30	71-127	
Trichloroethene	20.0	18.2	91	2	30	73-121	
Vinyl chloride	20.0	21.3	106	2	30	55-144	
Xylenes, Total	40.0	36.7	92	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29339.d

Lab ID: LCSD 460-1035985/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	4	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	7	30	63-139	
1,1,2-Trichloroethane	20.0	17.6	88	2	30	74-125	
1,1-Dichloroethane	20.0	18.7	94	3	30	73-130	
1,1-Dichloroethene	20.0	17.9	89	3	30	68-133	
1,2-Dichloroethane	20.0	17.0	85	4	30	66-129	
1,2-Dichloropropane	20.0	19.0	95	6	30	72-128	
2-Hexanone	100	97.5	98	1	30	72-134	
Acetone	100	71.5	72	7	30	60-133	
Benzene	20.0	17.8	89	1	30	71-126	
Bromodichloromethane	20.0	17.5	88	3	30	76-121	
Bromoform	20.0	14.1	71	2	30	58-128	
Bromomethane	20.0	22.3	112	8	30	33-150	
Carbon disulfide	20.0	17.4	87	2	30	35-150	
Carbon tetrachloride	20.0	19.7	99	8	30	65-131	
Chlorobenzene	20.0	19.4	97	3	30	80-120	
Chloroethane	20.0	19.1	96	1	30	54-150	
Chloroform	20.0	18.5	93	1	30	78-125	
Chloromethane	20.0	19.2	96	3	30	43-149	
cis-1,2-Dichloroethene	20.0	18.2	91	2	30	78-121	
cis-1,3-Dichloropropene	20.0	17.8	89	4	30	74-125	
Dibromochloromethane	20.0	16.7	83	5	30	73-121	
Ethylbenzene	20.0	18.9	94	2	30	78-120	
Methyl Ethyl Ketone	100	95.6	96	2	30	65-142	
methyl isobutyl ketone	100	97.6	98	0	30	77-130	
Methylene Chloride	20.0	19.4	97	6	30	74-127	
Styrene	20.0	19.1	95	0	30	82-127	
Tetrachloroethene	20.0	17.7	89	4	30	70-127	
Toluene	20.0	18.5	92	2	30	78-120	
trans-1,2-Dichloroethene	20.0	18.6	93	2	30	70-126	
trans-1,3-Dichloropropene	20.0	16.8	84	4	30	71-127	
Trichloroethene	20.0	18.1	91	0	30	73-121	
Vinyl chloride	20.0	19.6	98	3	30	55-144	
Xylenes, Total	40.0	39.1	98	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29309.d

Lab ID: 460-325354-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	18.6	93	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	17.8	89	63-139	
1,1,2-Trichloroethane	20.0	0.58 U	17.4	87	74-125	
1,1-Dichloroethane	20.0	1.0 U	17.2	86	73-130	
1,1-Dichloroethene	20.0	1.0 U	16.4	82	68-133	
1,2-Dichloroethane	20.0	0.30 U	16.5	83	66-129	
1,2-Dichloropropane	20.0	0.92 U	17.2	86	72-128	
2-Hexanone	100	5.0 U	94.8	95	72-134	
Acetone	100	5.0 U	69.1	69	60-133	
Benzene	20.0	0.45 U	17.6	88	71-126	
Bromodichloromethane	20.0	0.98 U	16.5	82	76-121	
Bromoform	20.0	1.0 U	14.3	72	58-128	
Bromomethane	20.0	1.0 U	18.2	91	33-150	
Carbon disulfide	20.0	1.0 U	18.0	90	35-150	
Carbon tetrachloride	20.0	1.0 U	18.3	92	65-131	
Chlorobenzene	20.0	1.0 U	18.8	94	80-120	
Chloroethane	20.0	1.0 U	19.1	95	54-150	
Chloroform	20.0	1.0 U	17.6	88	78-125	
Chloromethane	20.0	1.0 U	18.0	90	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	16.3	82	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	17.3	87	74-125	
Dibromochloromethane	20.0	0.78 U	16.5	82	73-121	
Ethylbenzene	20.0	1.0 U	18.4	92	78-120	
Methyl Ethyl Ketone	100	5.0 U	93.9	94	65-142	
methyl isobutyl ketone	100	5.0 U	96.2	96	77-130	
Methylene Chloride	20.0	1.0 U	19.8	99	74-127	
Styrene	20.0	1.0 U	18.1	91	82-127	
Tetrachloroethene	20.0	6.0	22.2	81	70-127	
Toluene	20.0	1.0 U	18.2	91	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	17.7	88	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	16.6	83	71-127	
Trichloroethene	20.0	0.28 U	17.6	88	73-121	
Vinyl chloride	20.0	1.0 U	18.6	93	55-144	
Xylenes, Total	40.0	2.0 U	36.5	91	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O29310.d

Lab ID: 460-325354-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	95	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	16.3	81	9	30	63-139	
1,1,2-Trichloroethane	20.0	18.0	90	3	30	74-125	
1,1-Dichloroethane	20.0	18.0	90	4	30	73-130	
1,1-Dichloroethene	20.0	17.5	88	7	30	68-133	
1,2-Dichloroethane	20.0	17.2	86	4	30	66-129	
1,2-Dichloropropane	20.0	18.2	91	5	30	72-128	
2-Hexanone	100	95.2	95	0	30	72-134	
Acetone	100	70.5	70	2	30	60-133	
Benzene	20.0	18.6	93	6	30	71-126	
Bromodichloromethane	20.0	17.2	86	4	30	76-121	
Bromoform	20.0	14.0	70	2	30	58-128	
Bromomethane	20.0	21.1	106	15	30	33-150	
Carbon disulfide	20.0	18.8	94	4	30	35-150	
Carbon tetrachloride	20.0	19.3	96	5	30	65-131	
Chlorobenzene	20.0	19.4	97	3	30	80-120	
Chloroethane	20.0	19.4	97	2	30	54-150	
Chloroform	20.0	18.4	92	5	30	78-125	
Chloromethane	20.0	18.3	91	1	30	43-149	
cis-1,2-Dichloroethene	20.0	17.2	86	5	30	78-121	
cis-1,3-Dichloropropene	20.0	18.0	90	4	30	74-125	
Dibromochloromethane	20.0	17.6	88	7	30	73-121	
Ethylbenzene	20.0	19.2	96	4	30	78-120	
Methyl Ethyl Ketone	100	95.8	96	2	30	65-142	
methyl isobutyl ketone	100	96.4	96	0	30	77-130	
Methylene Chloride	20.0	19.0	95	4	30	74-127	
Styrene	20.0	19.1	95	5	30	82-127	
Tetrachloroethene	20.0	21.9	80	1	30	70-127	
Toluene	20.0	19.2	96	5	30	78-120	
trans-1,2-Dichloroethene	20.0	15.8	79	11	30	70-126	
trans-1,3-Dichloropropene	20.0	17.0	85	3	30	71-127	
Trichloroethene	20.0	18.4	92	4	30	73-121	
Vinyl chloride	20.0	18.6	93	0	30	55-144	
Xylenes, Total	40.0	38.1	95	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab File ID: O29293.d Lab Sample ID: MB 460-1035770/22

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 05/06/2025 03:02

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1035770/3	O29288.d	05/06/2025 00:40
Trip Blank	460-325354-14	O29294.d	05/06/2025 03:30
FB0430	460-325354-13	O29295.d	05/06/2025 03:59
A-15	460-325354-1	O29296.d	05/06/2025 04:27
ME-8	460-325354-2	O29297.d	05/06/2025 04:56
ME-113	460-325354-4	O29299.d	05/06/2025 05:53
A-02	460-325354-5	O29300.d	05/06/2025 06:22
A-07	460-325354-7	O29301.d	05/06/2025 06:50
A-06	460-325354-8	O29302.d	05/06/2025 07:19
A-066	460-325354-9	O29303.d	05/06/2025 07:47
A-05	460-325354-10	O29304.d	05/06/2025 08:16
A-09	460-325354-11	O29305.d	05/06/2025 08:44
A-10	460-325354-12	O29306.d	05/06/2025 09:13
A-02 MS	460-325354-5 MS	O29309.d	05/06/2025 10:39
A-02 MSD	460-325354-5 MSD	O29310.d	05/06/2025 11:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab File ID: O29318.d Lab Sample ID: MB 460-1035827/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 05/06/2025 14:28

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1035827/3	O29313.d	05/06/2025 12:04
	LCSD 460-1035827/4	O29314.d	05/06/2025 12:33
ME-13	460-325354-3	O29319.d	05/06/2025 14:56

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab File ID: O29342.d Lab Sample ID: MB 460-1035985/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 05/07/2025 01:35

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1035985/4	O29338.d	05/06/2025 23:40
	LCSD 460-1035985/5	O29339.d	05/07/2025 00:09
A-08	460-325354-6	O29357.d	05/07/2025 08:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab File ID: O28652.d BFB Injection Date: 04/19/2025

Instrument ID: CVOAMS12 BFB Injection Time: 03:35

Analysis Batch No.: 1032506

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (143.7) 1
96	5 - 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.0 (0.0) 1
174	50 - 200% of m/z 95	69.6
175	5 - 9% of m/z 174	5.9 (8.5) 1
176	95 -105% of m/z 174	69.6 (100.0) 1
177	5 - 10% of m/z 176	3.8 (5.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD9 460-1032506/3	O28654.d	04/19/2025	4:29
	STD8 460-1032506/4	O28655.d	04/19/2025	4:57
	STD05 460-1032506/5	O28656.d	04/19/2025	5:26
	STD1 460-1032506/6	O28657.d	04/19/2025	5:54
	STD5 460-1032506/7	O28658.d	04/19/2025	6:23
	STD20 460-1032506/8	O28659.d	04/19/2025	6:51
	STD50 460-1032506/9	O28660.d	04/19/2025	7:20
	STD200 460-1032506/10	O28661.d	04/19/2025	7:48
	STD500 460-1032506/11	O28662.d	04/19/2025	8:17
	ICV 460-1032506/19	O28670.d	04/19/2025	12:05

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: STD20 460-1032506/8 Date Analyzed: 04/19/2025 06:51

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O28659.d Heated Purge: (Y/N) N

Calibration ID: 100629

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		166942	2.48	278918	3.45	470586	4.59
UPPER LIMIT		333884	2.98	557836	3.95	941172	5.09
LOWER LIMIT		83471	1.98	139459	2.95	235293	4.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032506/19		169506	2.48	278516	3.45	456902	4.59

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: STD20 460-1032506/8 Date Analyzed: 04/19/2025 06:51

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O28659.d Heated Purge: (Y/N) N

Calibration ID: 100629

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28238	5.33	350860	8.43	173818	11.89
UPPER LIMIT		56476	5.83	701720	8.93	347636	12.39
LOWER LIMIT		14119	4.83	175430	7.93	86909	11.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032506/19		29253	5.33	340345	8.43	166655	11.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035770/2 Date Analyzed: 05/05/2025 23:29

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29287.d Heated Purge: (Y/N) N

Calibration ID: 100629

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		132300	2.48	233420	3.45	432128	4.59
UPPER LIMIT		264600	2.98	466840	3.95	864256	5.09
LOWER LIMIT		66150	1.98	116710	2.95	216064	4.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035770/3		133160	2.49	233001	3.45	401820	4.59
MB 460-1035770/22		157687	2.48	234157	3.45	405348	4.59
460-325354-14	Trip Blank	154095	2.48	242244	3.45	404403	4.59
460-325354-13	FB0430	153034	2.48	228581	3.45	400352	4.59
460-325354-1	A-15	154362	2.48	230382	3.45	404338	4.59
460-325354-2	ME-8	145927	2.48	217810	3.45	408160	4.59
460-325354-4	ME-113	152380	2.48	221750	3.45	398334	4.59
460-325354-5	A-02	148102	2.48	218964	3.45	395414	4.59
460-325354-7	A-07	168513	2.48	229015	3.45	396250	4.59
460-325354-8	A-06	161544	2.48	225360	3.45	393873	4.59
460-325354-9	A-066	175109	2.48	238942	3.45	394807	4.59
460-325354-10	A-05	188593	2.48	235441	3.45	392078	4.59
460-325354-11	A-09	171999	2.48	227460	3.45	391958	4.59
460-325354-12	A-10	170454	2.48	229354	3.45	384806	4.59
460-325354-5 MS	A-02 MS	127152	2.48	214304	3.45	399710	4.59
460-325354-5 MSD	A-02 MSD	123720	2.48	216407	3.45	407937	4.59

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035770/2 Date Analyzed: 05/05/2025 23:29

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29287.d Heated Purge: (Y/N) N

Calibration ID: 100629

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26529	5.33	315782	8.43	153367	11.89
UPPER LIMIT		53058	5.83	631564	8.93	306734	12.39
LOWER LIMIT		13265	4.83	157891	7.93	76684	11.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035770/3		25820	5.33	324254	8.43	151666	11.89
MB 460-1035770/22		23935	5.33	299261	8.43	138284	11.89
460-325354-14	Trip Blank	23286	5.33	295588	8.43	136870	11.89
460-325354-13	FB0430	23367	5.33	301945	8.43	137464	11.89
460-325354-1	A-15	24692	5.33	294255	8.43	135361	11.89
460-325354-2	ME-8	23685	5.33	293756	8.43	135759	11.89
460-325354-4	ME-113	24197	5.33	288841	8.43	133217	11.89
460-325354-5	A-02	22684	5.33	288107	8.43	132250	11.89
460-325354-7	A-07	24126	5.33	295208	8.43	137950	11.89
460-325354-8	A-06	20840	5.33	297876	8.43	144043	11.89
460-325354-9	A-066	24017	5.33	292236	8.43	135000	11.89
460-325354-10	A-05	23996	5.33	289715	8.43	135444	11.89
460-325354-11	A-09	23257	5.33	287659	8.43	140695	11.89
460-325354-12	A-10	22374	5.33	291525	8.43	138536	11.89
460-325354-5 MS	A-02 MS	24686	5.33	305830	8.43	149827	11.89
460-325354-5 MSD	A-02 MSD	24435	5.33	310425	8.43	167709	11.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035827/2 Date Analyzed: 05/06/2025 11:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29312.d Heated Purge: (Y/N) N

Calibration ID: 100629

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144144	2.48	238391	3.45	424190	4.59
UPPER LIMIT		288288	2.98	476782	3.95	848380	5.09
LOWER LIMIT		72072	1.98	119196	2.95	212095	4.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035827/3		172945	2.48	257348	3.45	426909	4.59
LCSD 460-1035827/4		173670	2.48	255767	3.45	419484	4.59
MB 460-1035827/8		176343	2.48	235708	3.45	406592	4.59
460-325354-3	ME-13	171177	2.48	233893	3.45	405423	4.59

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035827/2 Date Analyzed: 05/06/2025 11:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29312.d Heated Purge: (Y/N) N

Calibration ID: 100629

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26702	5.33	323521	8.43	186489	11.89
UPPER LIMIT		53404	5.83	647042	8.93	372978	12.39
LOWER LIMIT		13351	4.83	161761	7.93	93245	11.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035827/3		27483	5.33	320574	8.43	164285	11.89
LCSD 460-1035827/4		26829	5.33	326316	8.43	164100	11.89
MB 460-1035827/8		23920	5.33	299048	8.43	139215	11.89
460-325354-3	ME-13	24446	5.33	295534	8.43	138191	11.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035985/3 Date Analyzed: 05/06/2025 23:12

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29337.d Heated Purge: (Y/N) N

Calibration ID: 100629

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127058	2.48	230835	3.45	426228	4.59
UPPER LIMIT		254116	2.98	461670	3.95	852456	5.09
LOWER LIMIT		63529	1.98	115418	2.95	213114	4.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035985/4		142058	2.48	238577	3.45	427445	4.59
LCSD 460-1035985/5		152906	2.48	241819	3.45	426130	4.59
MB 460-1035985/8		165860	2.48	234309	3.45	410028	4.59
460-325354-6	A-08	152907	2.48	224999	3.45	418160	4.59

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Sample No.: CCVIS 460-1035985/3 Date Analyzed: 05/06/2025 23:12

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O29337.d Heated Purge: (Y/N) N

Calibration ID: 100629

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26892	5.33	333413	8.43	178906	11.89
UPPER LIMIT		53784	5.83	666826	8.93	357812	12.39
LOWER LIMIT		13446	4.83	166707	7.93	89453	11.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1035985/4		25907	5.33	330458	8.43	174029	11.89
LCSD 460-1035985/5		26098	5.33	338839	8.43	171412	11.89
MB 460-1035985/8		23725	5.33	303215	8.43	144686	11.89
460-325354-6	A-08	23535	5.33	302655	8.43	139573	11.89

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-325354-1

Matrix: Water | Lab File ID: O29296.d

Analysis Method: 8260D | Date Collected: 04/30/2025 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 04:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	26		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-325354-1

Matrix: Water | Lab File ID: O29296.d

Analysis Method: 8260D | Date Collected: 04/30/2025 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 04:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29296.d
Lims ID: 460-325354-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 06-May-2025 04:27:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-1
Misc. Info.: 460-0190391-010
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:59:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	154362	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	230382	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	93066	51.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	130209	48.1	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	404338	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24692	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	432612	52.1	
86 Tetrachloroethene	166	7.241	7.241	0.000	89	65674	25.5	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	294255	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	81	102410	45.2	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	135361	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

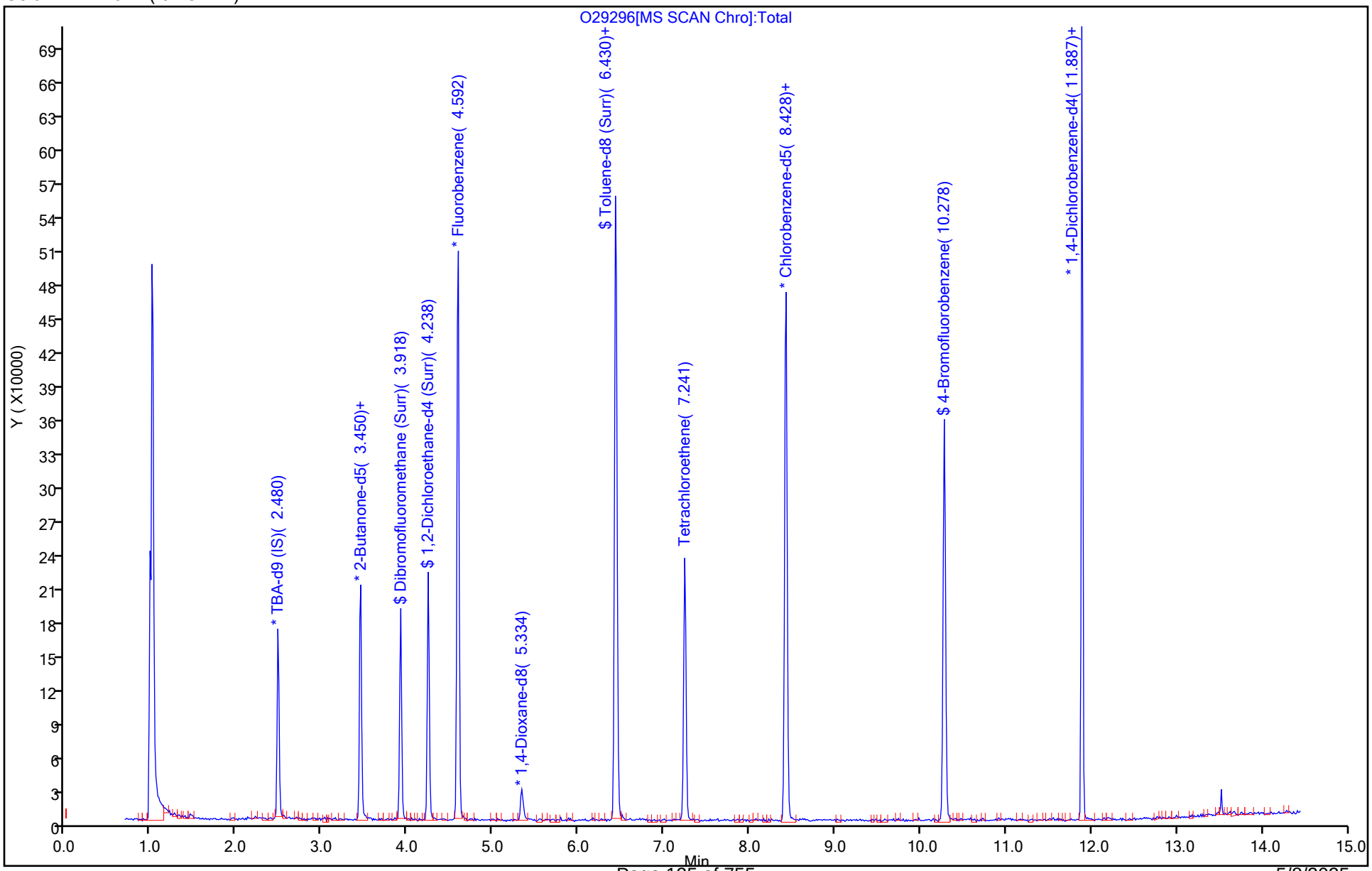
Report Date: 07-May-2025 19:36:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29296.d

Injection Date:	06-May-2025 04:27:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-1	Lab Sample ID:	460-325354-1	Worklist Smp#:	10
Client ID:	A-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29296.d
Lims ID: 460-325354-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 06-May-2025 04:27:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-1
Misc. Info.: 460-0190391-010
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:59:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.0	101.99
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.14
$ 81 Toluene-d8 (Surr)	50.0	52.1	104.27
$ 103 4-Bromofluorobenzene	50.0	45.2	90.37

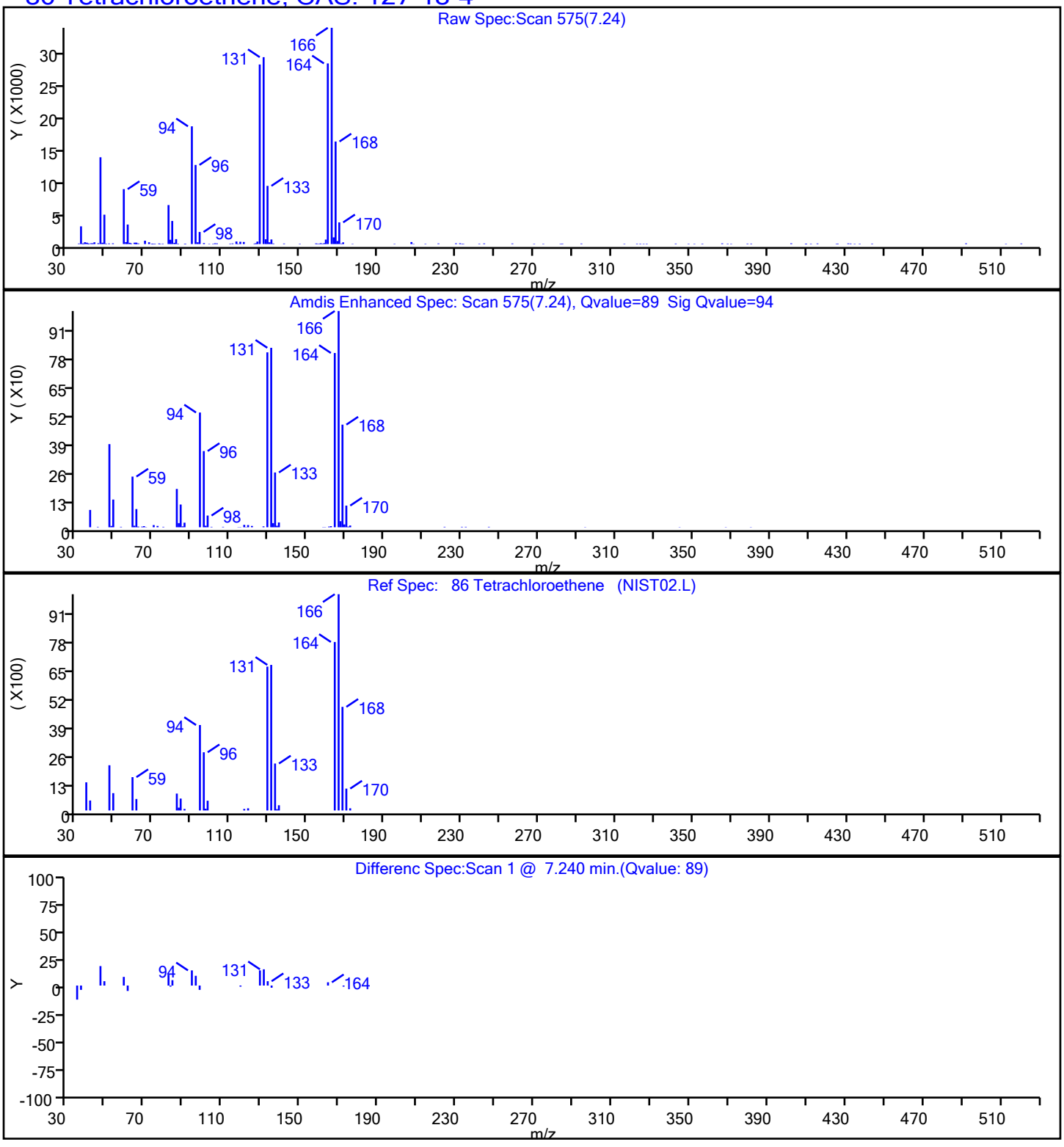
Report Date: 07-May-2025 19:36:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29296.d

Injection Date:	06-May-2025 04:27:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-1	Lab Sample ID:	460-325354-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-325354-2

Matrix: Water | Lab File ID: O29297.d

Analysis Method: 8260D | Date Collected: 04/30/2025 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 04:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	30		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-325354-2

Matrix: Water | Lab File ID: O29297.d

Analysis Method: 8260D | Date Collected: 04/30/2025 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 04:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	87		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29297.d				
Lims ID:	460-325354-A-2				
Client ID:	ME-8				
Sample Type:	Client				
Inject. Date:	06-May-2025 04:56:30	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325354-A-2				
Misc. Info.:	460-0190391-011				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 19:35:32	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1650				
First Level Reviewer: RD6L		Date:	06-May-2025 09:59:42		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	145927	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	217810	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	89893	48.8	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	125890	46.0	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	408160	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23685	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	427844	51.6	
86 Tetrachloroethene	166	7.240	7.241	-0.001	91	77115	30.0	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	293756	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	98345	43.5	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	135759	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

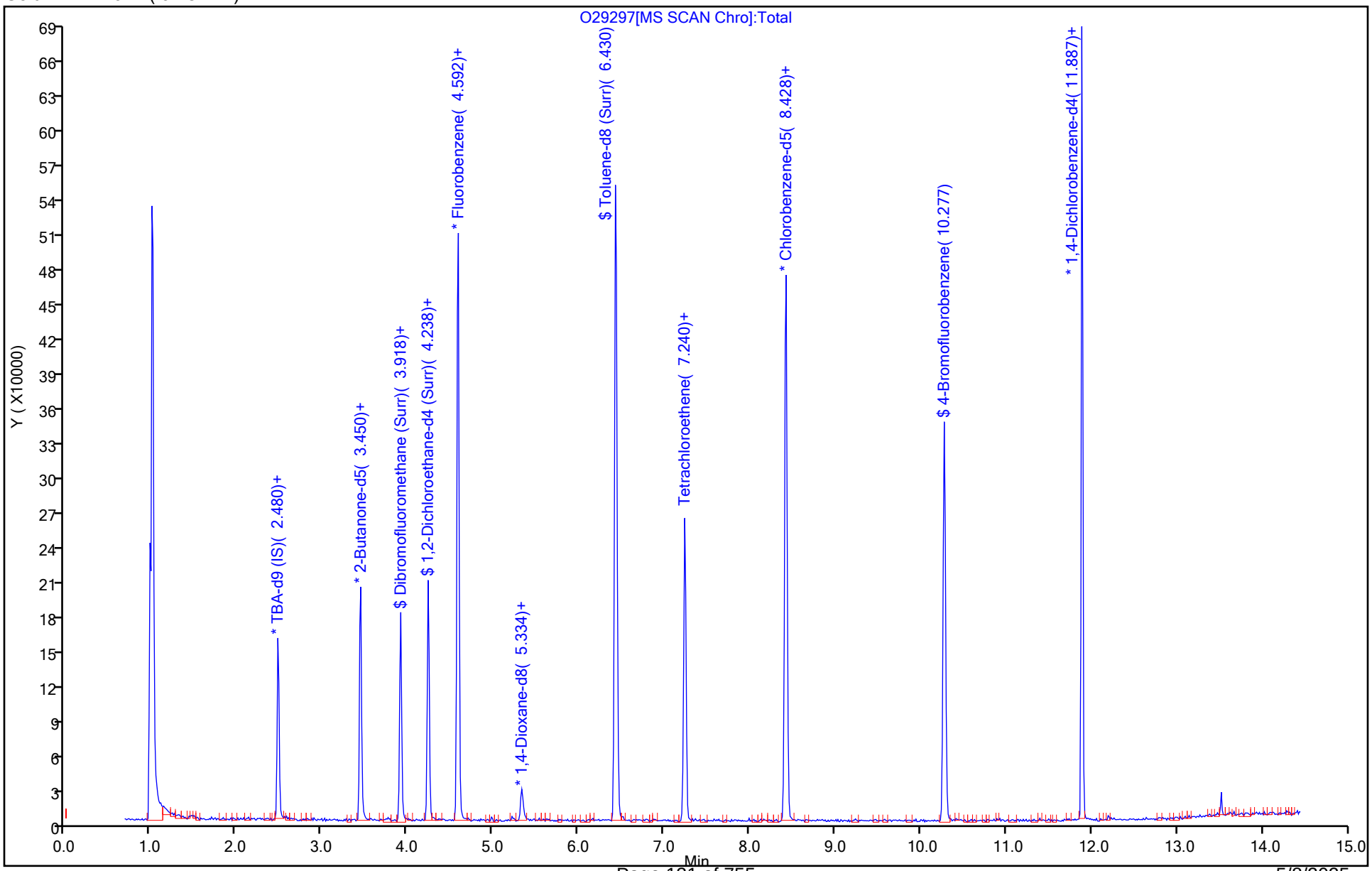
Report Date: 07-May-2025 19:36:21 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29297.d

Injection Date:	06-May-2025 04:56:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-2	Lab Sample ID:	460-325354-2	Worklist Smp#:	11
Client ID:	ME-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

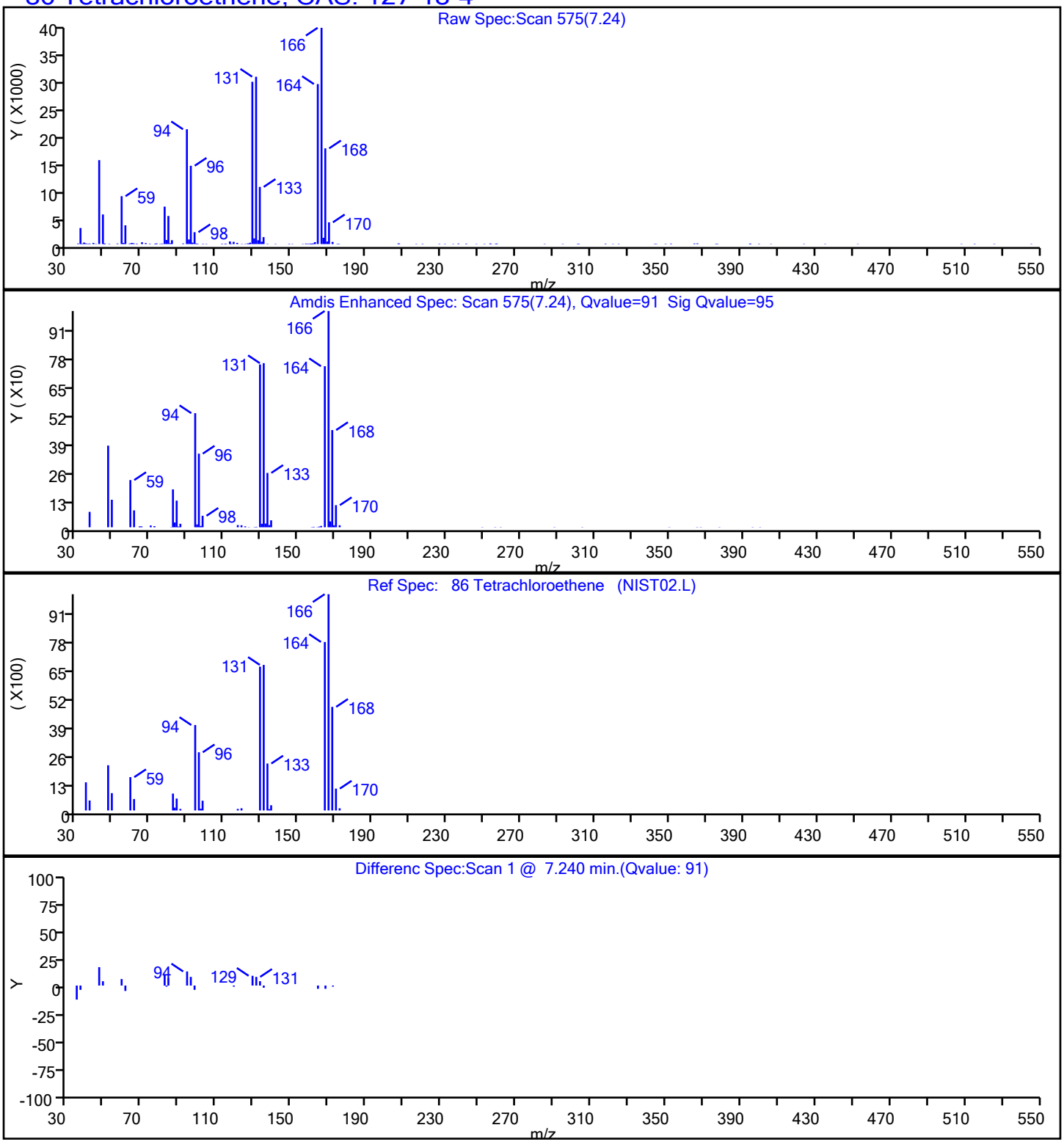
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29297.d				
Lims ID:	460-325354-A-2				
Client ID:	ME-8				
Sample Type:	Client				
Inject. Date:	06-May-2025 04:56:30	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325354-A-2				
Misc. Info.:	460-0190391-011				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 19:35:32	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1650				
First Level Reviewer: RD6L		Date:	06-May-2025 09:59:42		

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	48.8	97.59
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	46.0	92.08
$ 81 Toluene-d8 (Surr)	50.0	51.6	103.30
$ 103 4-Bromofluorobenzene	50.0	43.5	86.93

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29297.d
Injection Date: 06-May-2025 04:56:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-2 Lab Sample ID: 460-325354-2
Client ID: ME-8
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-325354-3

Matrix: Water | Lab File ID: O29319.d

Analysis Method: 8260D | Date Collected: 04/30/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	9.5		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	2.2		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-325354-3

Matrix: Water | Lab File ID: O29319.d

Analysis Method: 8260D | Date Collected: 04/30/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	25		1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d
Lims ID: 460-325354-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 06-May-2025 14:56:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-B-3
Misc. Info.: 460-0190410-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:44:54 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 16:01:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Vinyl chloride	62	1.315	1.315	0.000	98	83086	24.8	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	171177	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	233893	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	93	6236	2.42	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	97028	53.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134287	49.4	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	405423	50.0	
66 Trichloroethene	95	4.980	4.980	0.000	95	6362	2.22	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24446	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	429331	51.5	
86 Tetrachloroethene	166	7.241	7.241	0.001	88	24550	9.50	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	295534	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	82	102977	45.2	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	138191	50.0	
S 135 1,2-Dichloroethene, Total	100				0		2.42	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00254 Amount Added: 1.00 Units: uL
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent

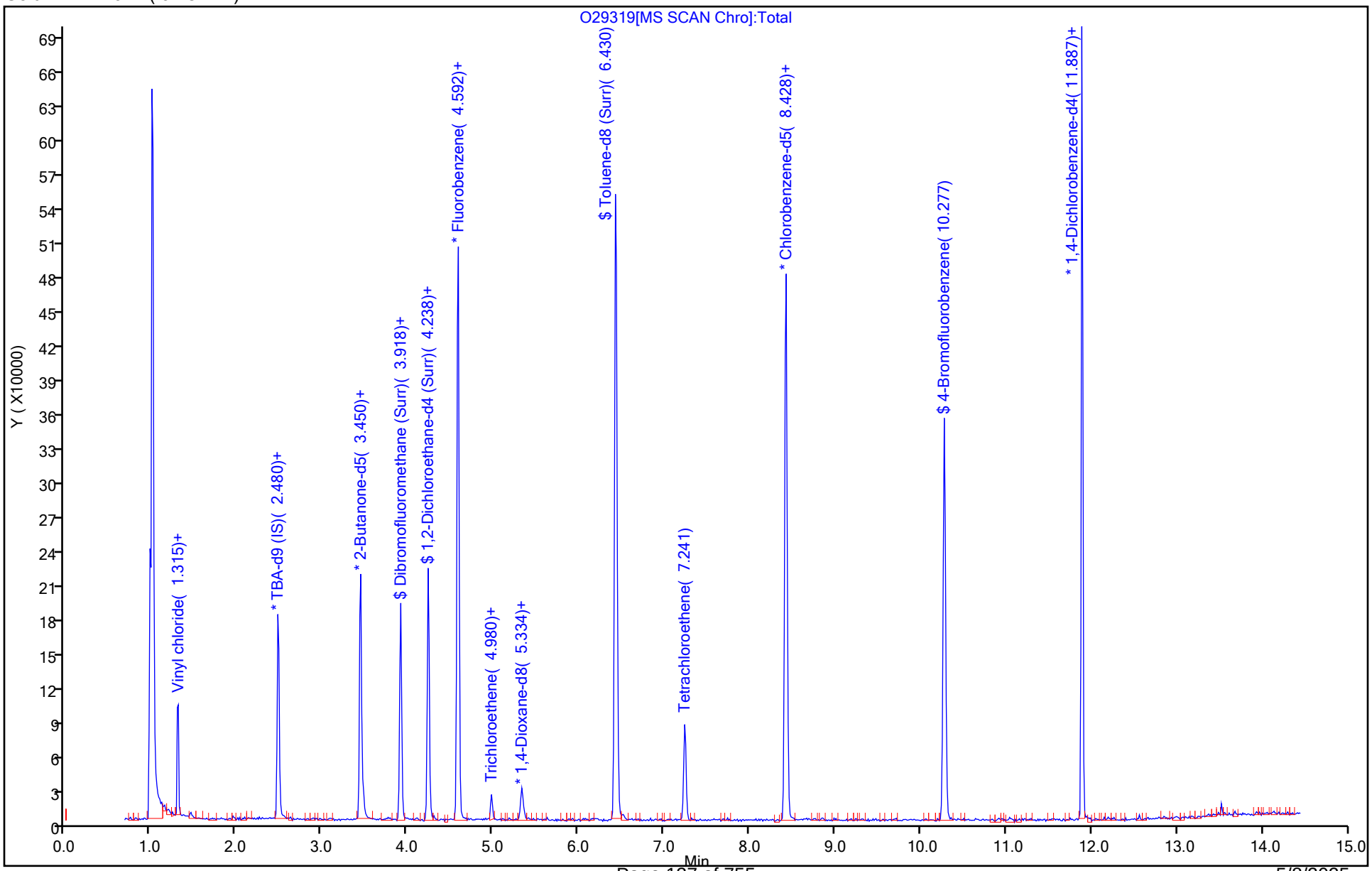
Report Date: 07-May-2025 19:26:51 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d

Injection Date:	06-May-2025 14:56:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-B-3	Lab Sample ID:	460-325354-3	Worklist Smp#:	9
Client ID:	ME-13				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d
Lims ID: 460-325354-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 06-May-2025 14:56:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-B-3
Misc. Info.: 460-0190410-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:44:54 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

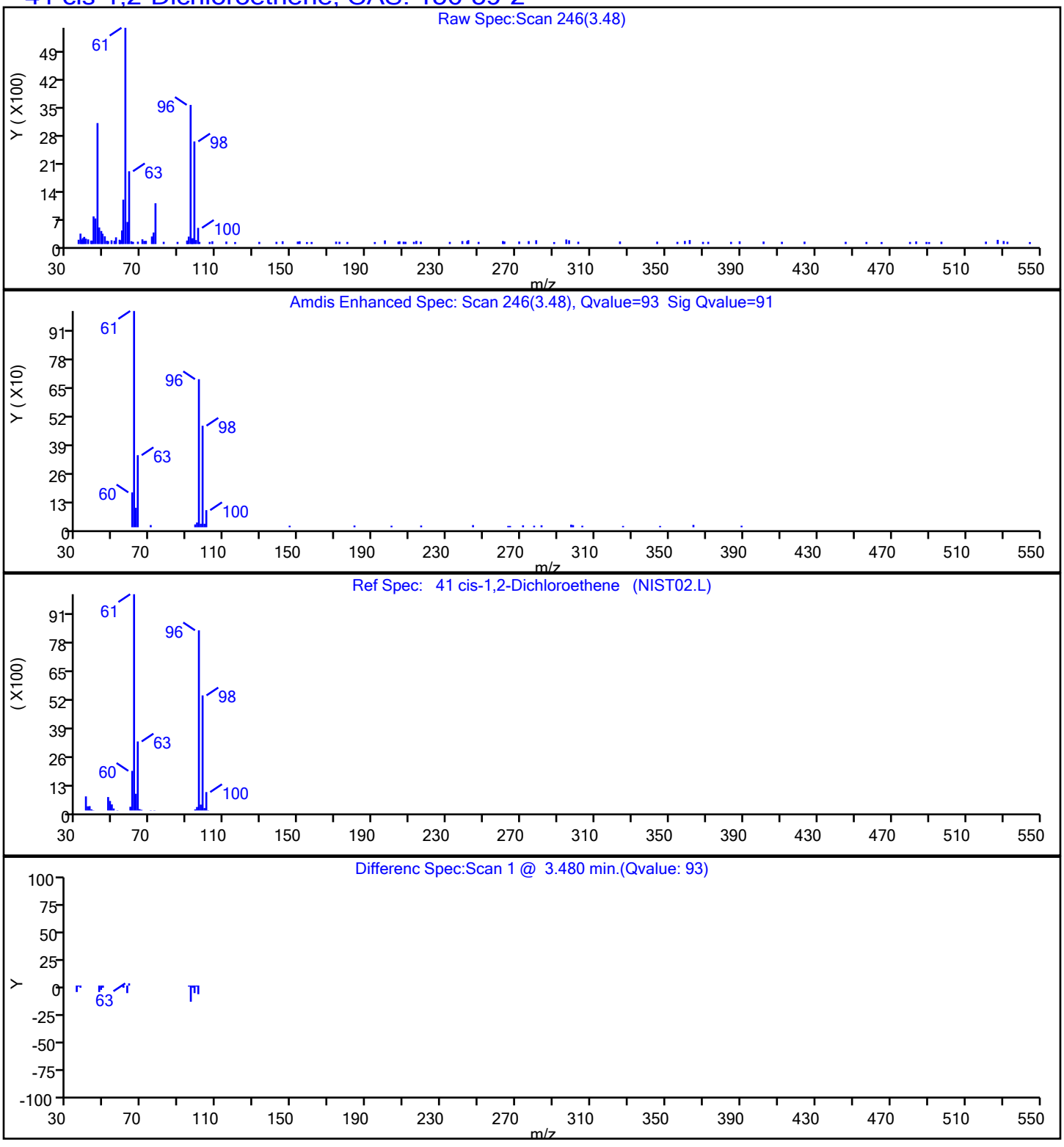
First Level Reviewer: RD6L Date: 06-May-2025 16:01:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.0	106.05
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.4	98.89
$ 81 Toluene-d8 (Surr)	50.0	51.5	103.03
$ 103 4-Bromofluorobenzene	50.0	45.2	90.47

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d
Injection Date: 06-May-2025 14:56:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-B-3 Lab Sample ID: 460-325354-3
Client ID: ME-13
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

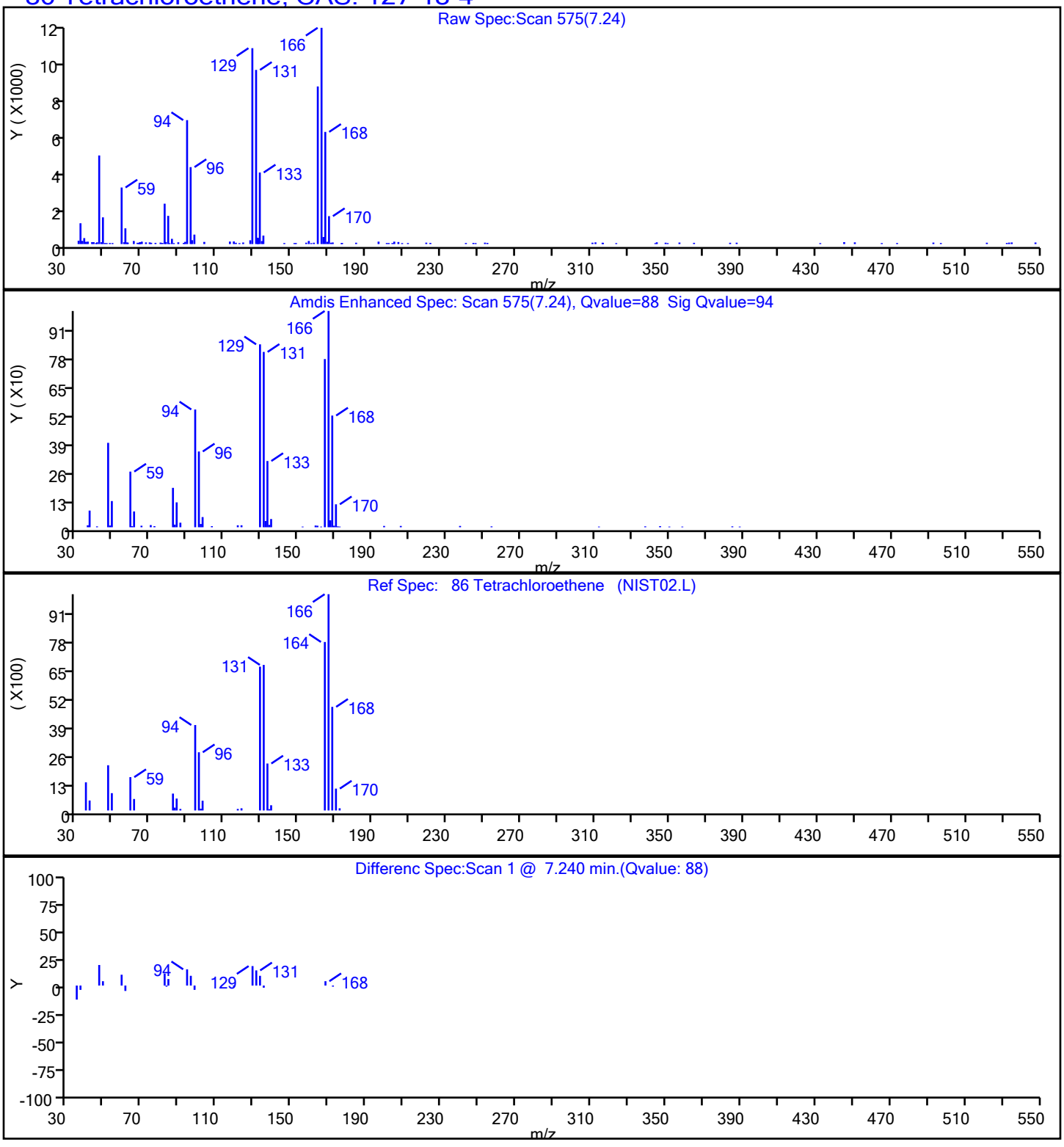
41 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d
Injection Date: 06-May-2025 14:56:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-B-3 Lab Sample ID: 460-325354-3
Client ID: ME-13
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

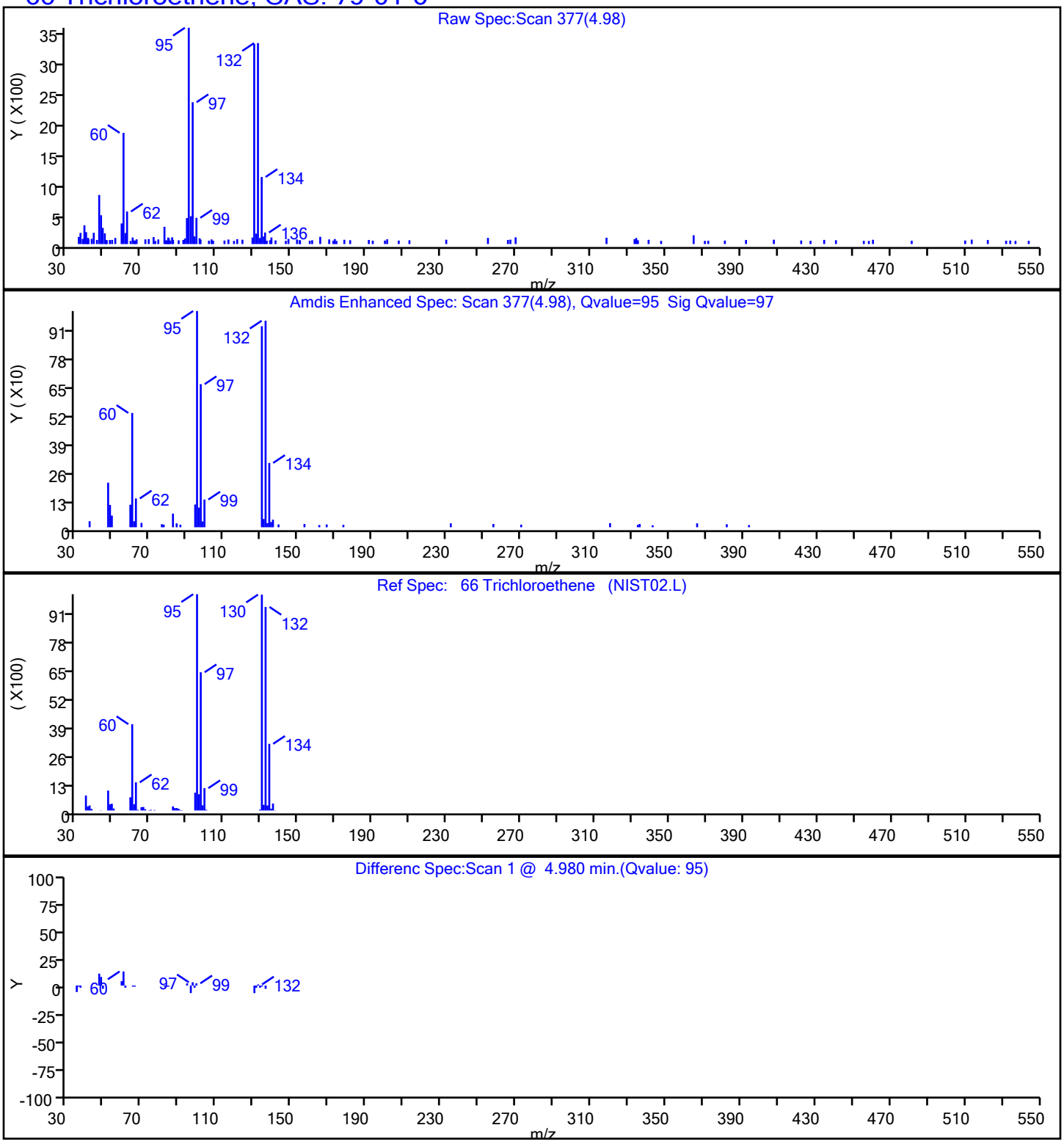
86 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d
Injection Date: 06-May-2025 14:56:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-B-3 Lab Sample ID: 460-325354-3
Client ID: ME-13
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Trichloroethene, CAS: 79-01-6



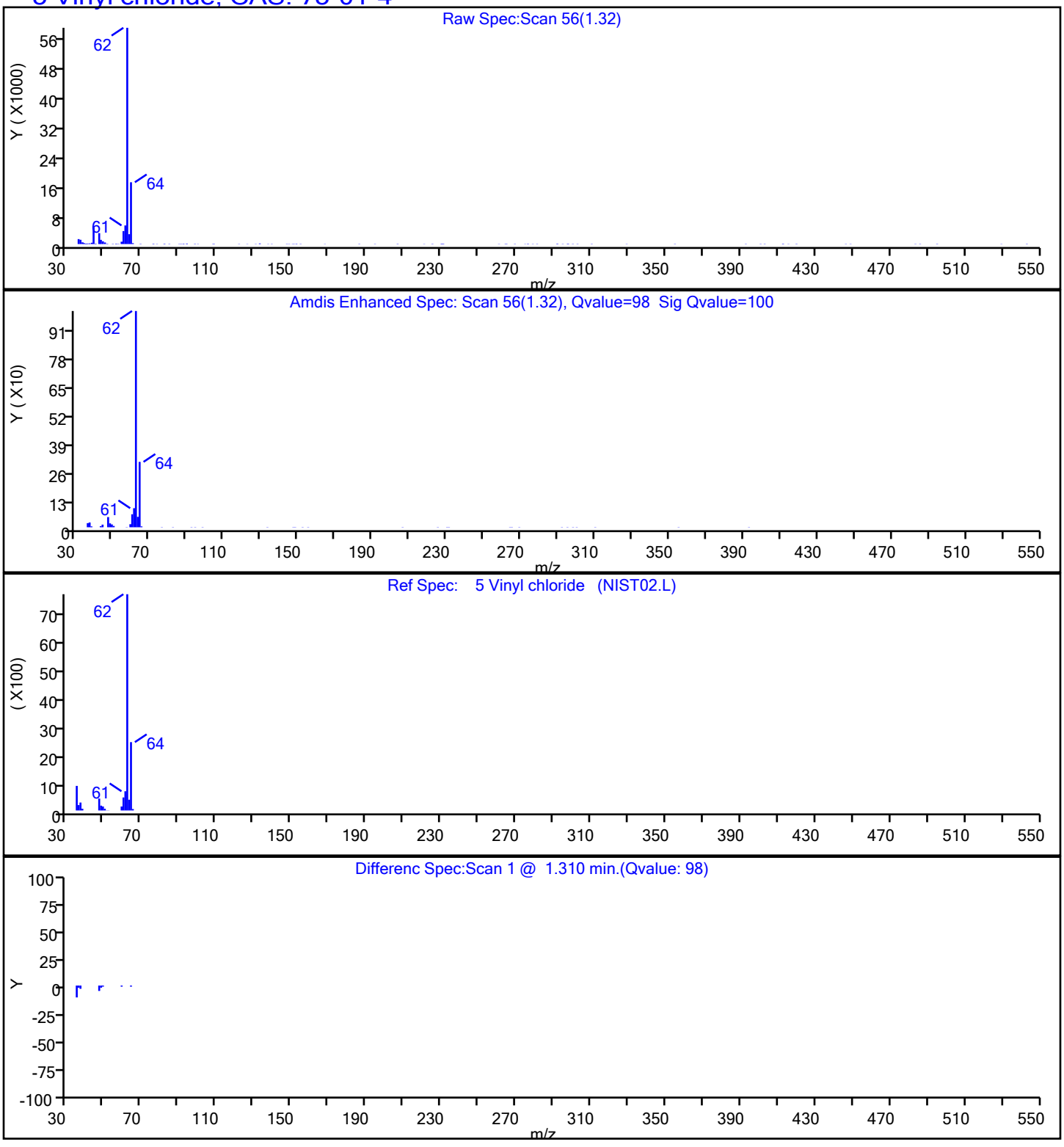
Report Date: 07-May-2025 19:26:51 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29319.d

Injection Date:	06-May-2025 14:56:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-B-3	Lab Sample ID:	460-325354-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

5 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-113 | Lab Sample ID: 460-325354-4

Matrix: Water | Lab File ID: O29299.d

Analysis Method: 8260D | Date Collected: 04/30/2025 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 05:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	2.6		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: ME-113 | Lab Sample ID: 460-325354-4

Matrix: Water | Lab File ID: O29299.d

Analysis Method: 8260D | Date Collected: 04/30/2025 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 05:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	87		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29299.d				
Lims ID:	460-325354-A-4				
Client ID:	ME-113				
Sample Type:	Client				
Inject. Date:	06-May-2025 05:53:30	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325354-A-4				
Misc. Info.:	460-0190391-013				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 19:35:32	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1650				
First Level Reviewer: XE5L		Date:	07-May-2025 19:36:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	152380	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	221750	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	92435	51.4	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	130055	48.7	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	398334	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24197	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	417664	51.3	
86 Tetrachloroethene	166	7.241	7.241	0.000	91	6540	2.59	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	288841	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	81	97067	43.6	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	133217	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

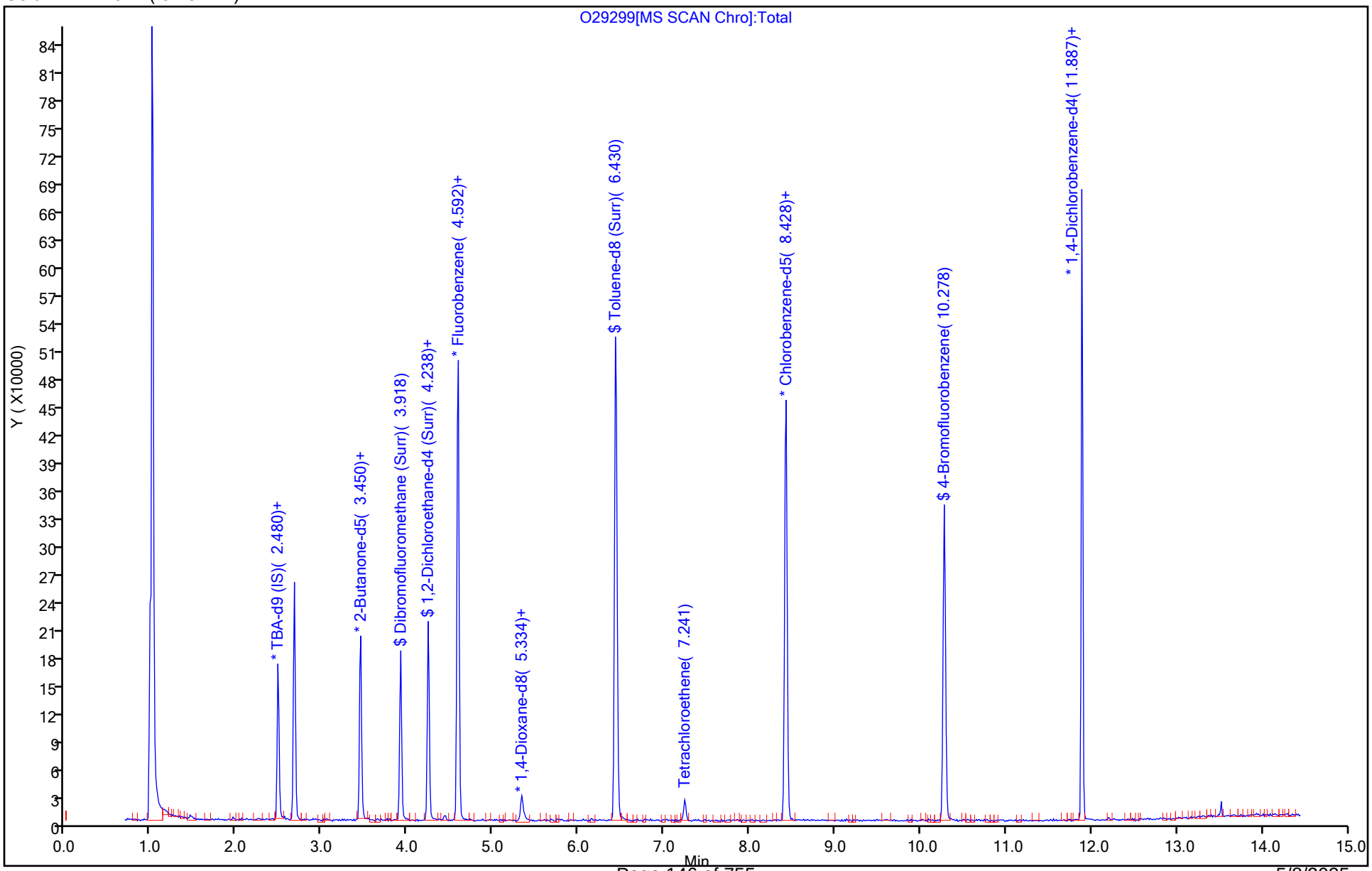
Report Date: 07-May-2025 19:36:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29299.d

Injection Date:	06-May-2025 05:53:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-4	Lab Sample ID:	460-325354-4	Worklist Smp#:	13
Client ID:	ME-113				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29299.d
Lims ID: 460-325354-A-4
Client ID: ME-113
Sample Type: Client
Inject. Date: 06-May-2025 05:53:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-4
Misc. Info.: 460-0190391-013
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: XE5L Date: 07-May-2025 19:36:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.4	102.83
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.7	97.48
$ 81 Toluene-d8 (Surr)	50.0	51.3	102.55
$ 103 4-Bromofluorobenzene	50.0	43.6	87.26

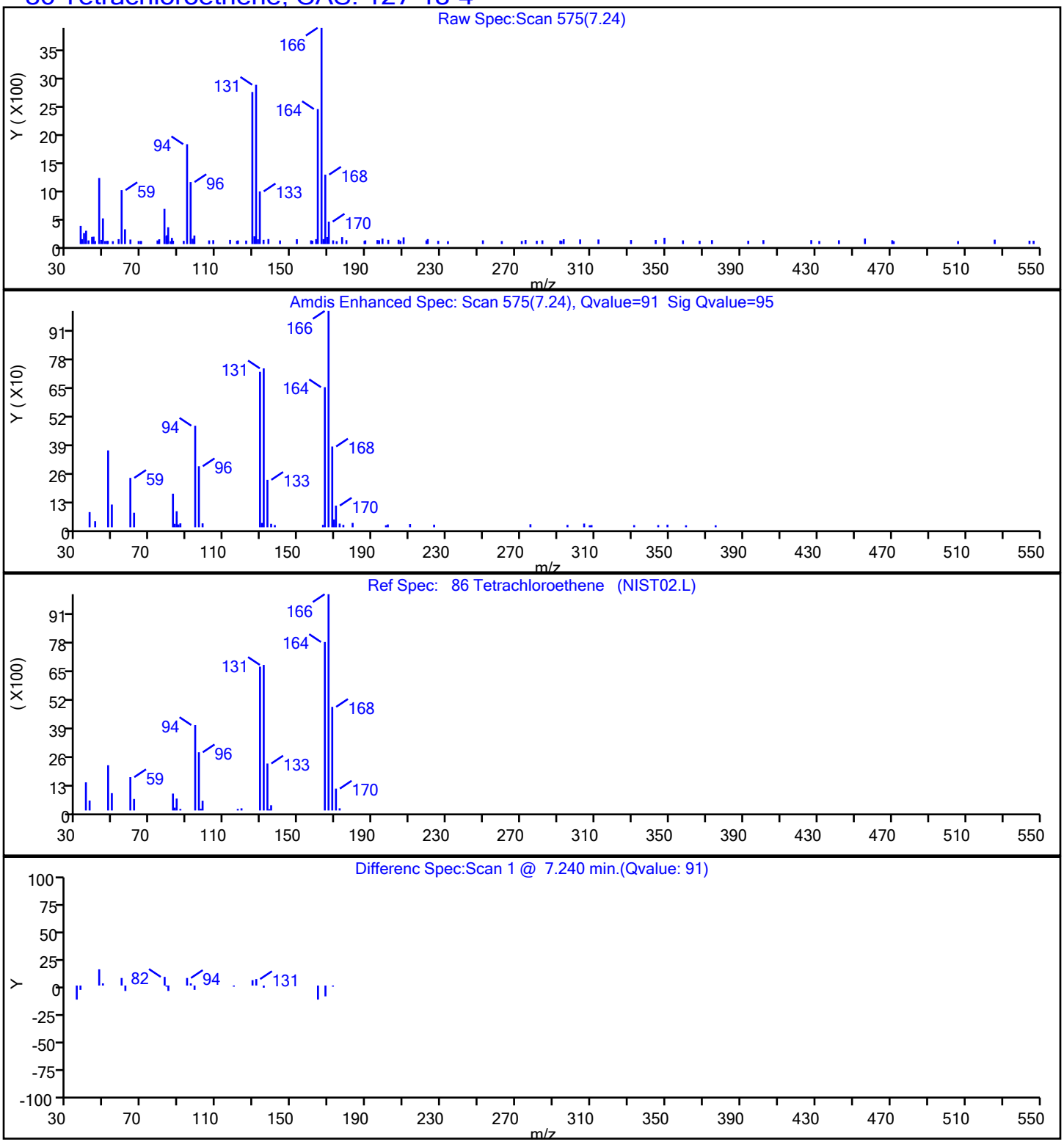
Report Date: 07-May-2025 19:36:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29299.d

Injection Date:	06-May-2025 05:53:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-4	Lab Sample ID:	460-325354-4		
Client ID:	ME-113				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-325354-5

Matrix: Water | Lab File ID: O29300.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 06:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	6.0		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-325354-5

Matrix: Water | Lab File ID: O29300.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 06:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29300.d
Lims ID: 460-325354-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 06-May-2025 06:22:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-5
Misc. Info.: 460-0190391-014
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:01:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	148102	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	218964	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	89421	50.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	126106	47.6	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	395414	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	22684	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	410666	50.5	
86 Tetrachloroethene	166	7.241	7.241	0.000	89	15032	5.97	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	288107	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	81	99696	44.9	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	132250	50.0	
132 Naphthalene	128	13.520	13.520	0.000	99	7908	1.30	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

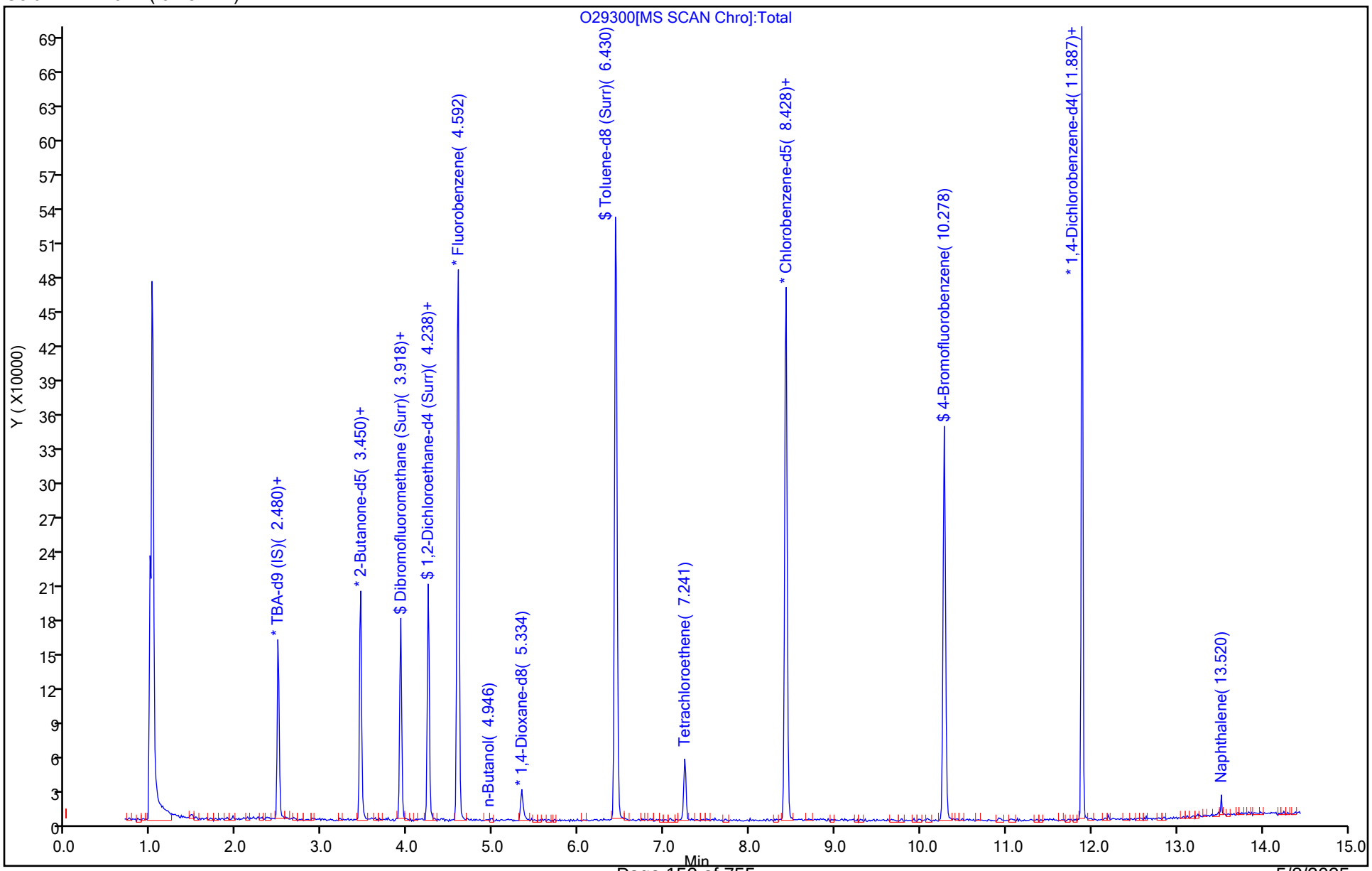
Report Date: 07-May-2025 19:37:30 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29300.d

Injection Date:	06-May-2025 06:22:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-5	Lab Sample ID:	460-325354-5	Worklist Smp#:	14
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
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Eurofins Edison
Recovery Report

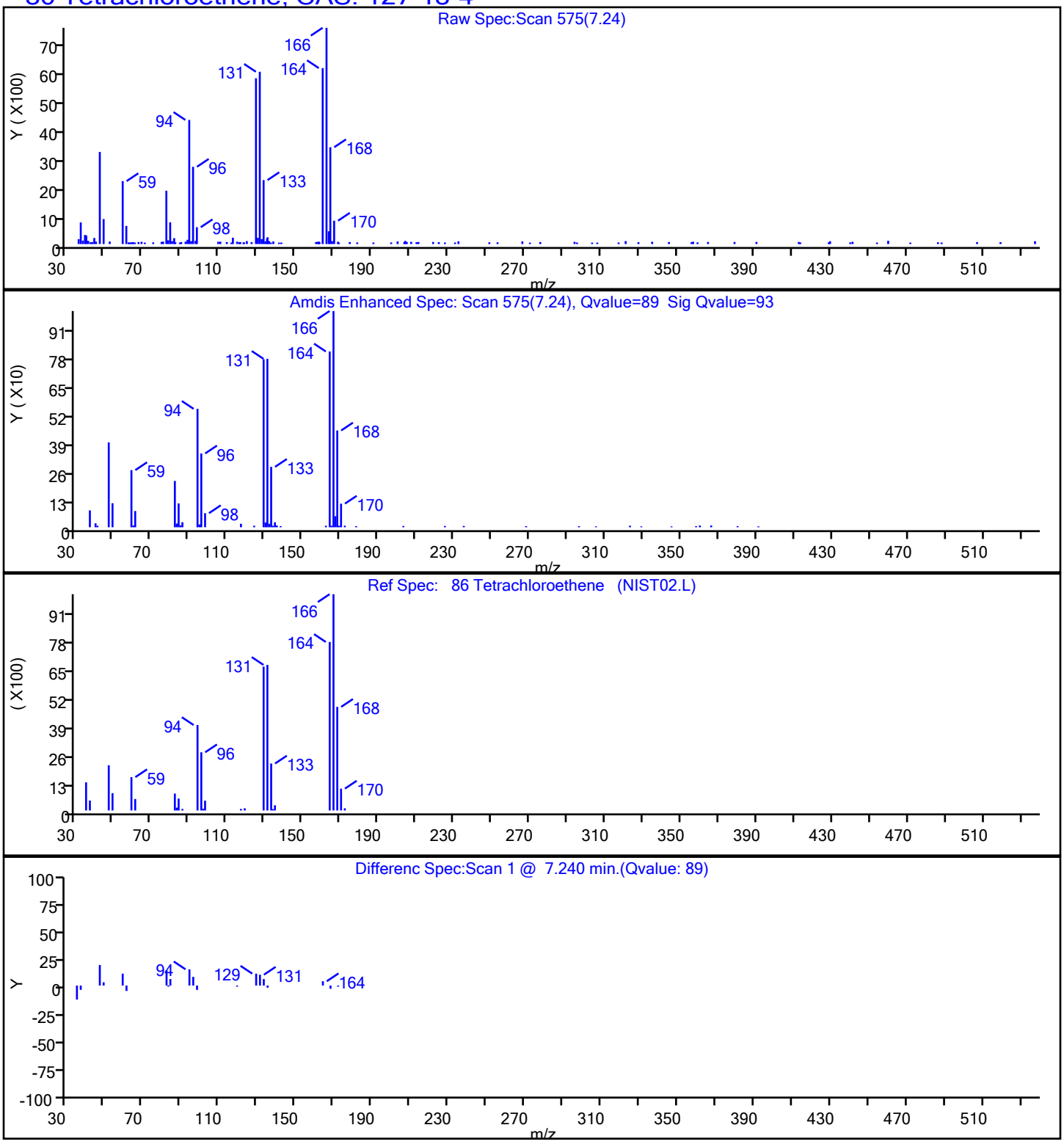
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29300.d				
Lims ID:	460-325354-A-5				
Client ID:	A-02				
Sample Type:	Client				
Inject. Date:	06-May-2025 06:22:30	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325354-A-5				
Misc. Info.:	460-0190391-014				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 19:35:32	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1650				
First Level Reviewer: RD6L		Date:	06-May-2025 10:01:33		

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	50.1	100.21
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.21
$ 81 Toluene-d8 (Surr)	50.0	50.5	101.09
$ 103 4-Bromofluorobenzene	50.0	44.9	89.85

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29300.d		
Injection Date:	06-May-2025 06:22:30	Instrument ID:	CVOAMS12
Lims ID:	460-325354-A-5	Lab Sample ID:	460-325354-5
Client ID:	A-02		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-325354-6

Matrix: Water | Lab File ID: O29357.d

Analysis Method: 8260D | Date Collected: 04/30/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 08:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	440		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	1.4		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-325354-6

Matrix: Water | Lab File ID: O29357.d

Analysis Method: 8260D | Date Collected: 04/30/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 08:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	88		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29357.d
Lims ID: 460-325354-B-6
Client ID: A-08
Sample Type: Client
Inject. Date: 07-May-2025 08:43:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-B-6
Misc. Info.: 460-0190442-023
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:15:11 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: RD6L Date: 07-May-2025 12:15:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	152907	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	224999	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	94357	50.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134826	48.1	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	418160	50.0	
66 Trichloroethene	95	4.980	4.980	0.000	92	3998	1.35	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23535	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	99	436076	51.1	
86 Tetrachloroethene	166	7.240	7.240	0.000	90	1160638	438.6	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	302655	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	82	102665	44.0	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	139573	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

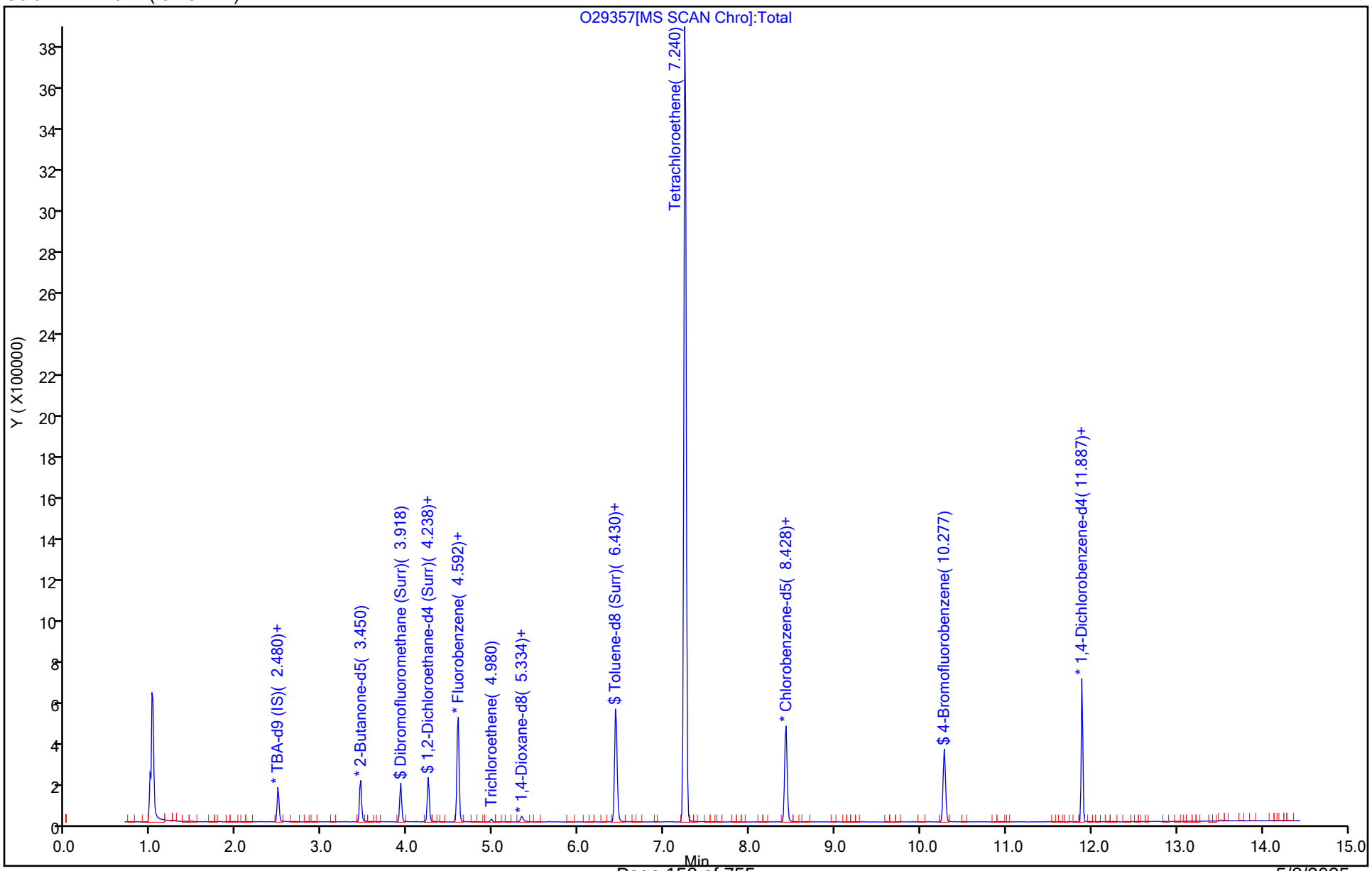
Report Date: 07-May-2025 12:15:49 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29357.d

Injection Date:	07-May-2025 08:43:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-B-6	Lab Sample ID:	460-325354-6	Worklist Smp#:	23
Client ID:	A-08				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

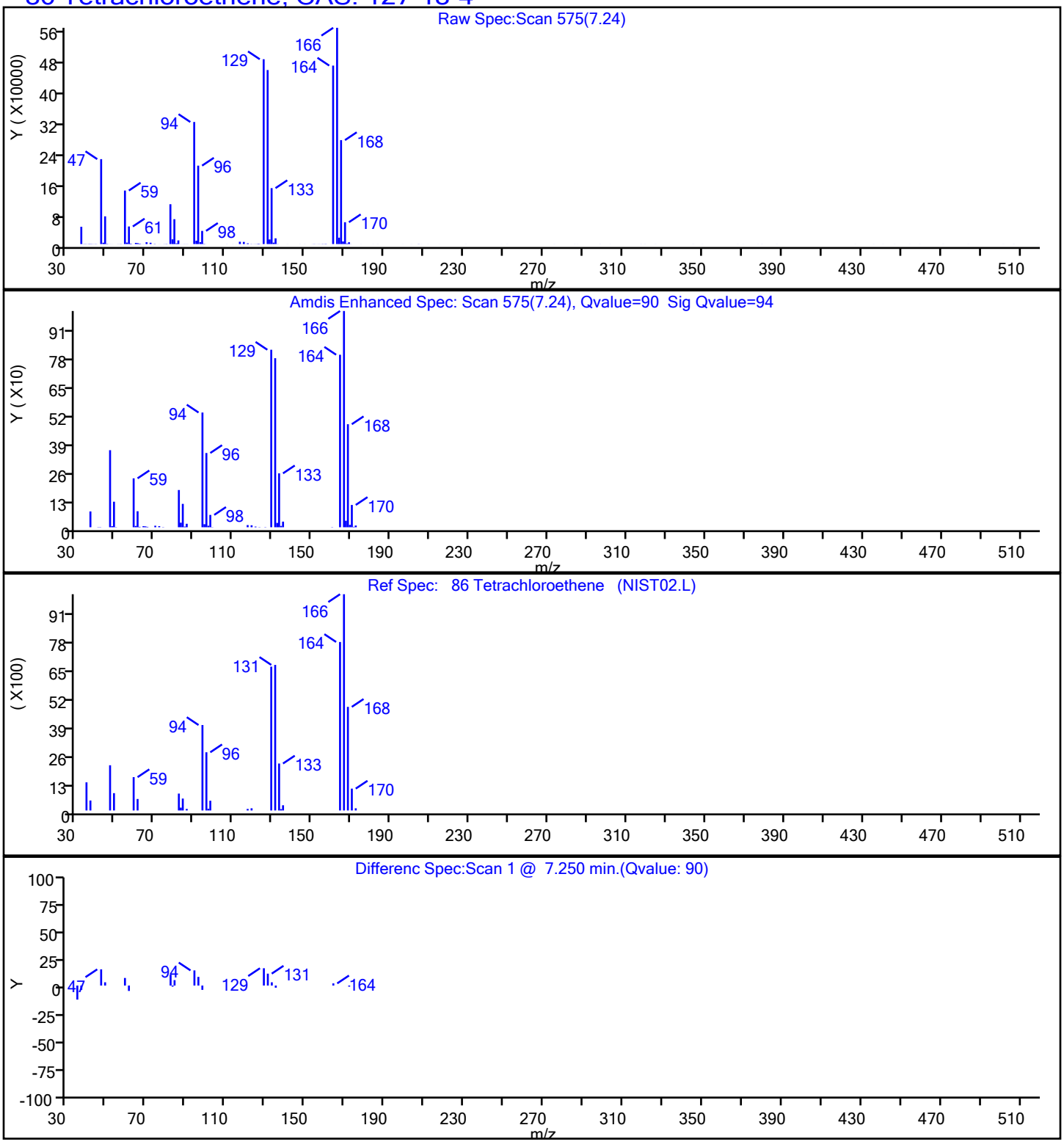
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29357.d				
Lims ID:	460-325354-B-6				
Client ID:	A-08				
Sample Type:	Client				
Inject. Date:	07-May-2025 08:43:30	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325354-B-6				
Misc. Info.:	460-0190442-023				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 12:15:11	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1641				
First Level Reviewer: RD6L		Date:	07-May-2025 12:15:49		

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	50.0	99.99
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.26
$ 81 Toluene-d8 (Surr)	50.0	51.1	102.19
$ 103 4-Bromofluorobenzene	50.0	44.0	88.08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29357.d
Injection Date: 07-May-2025 08:43:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-B-6 Lab Sample ID: 460-325354-6
Client ID: A-08
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



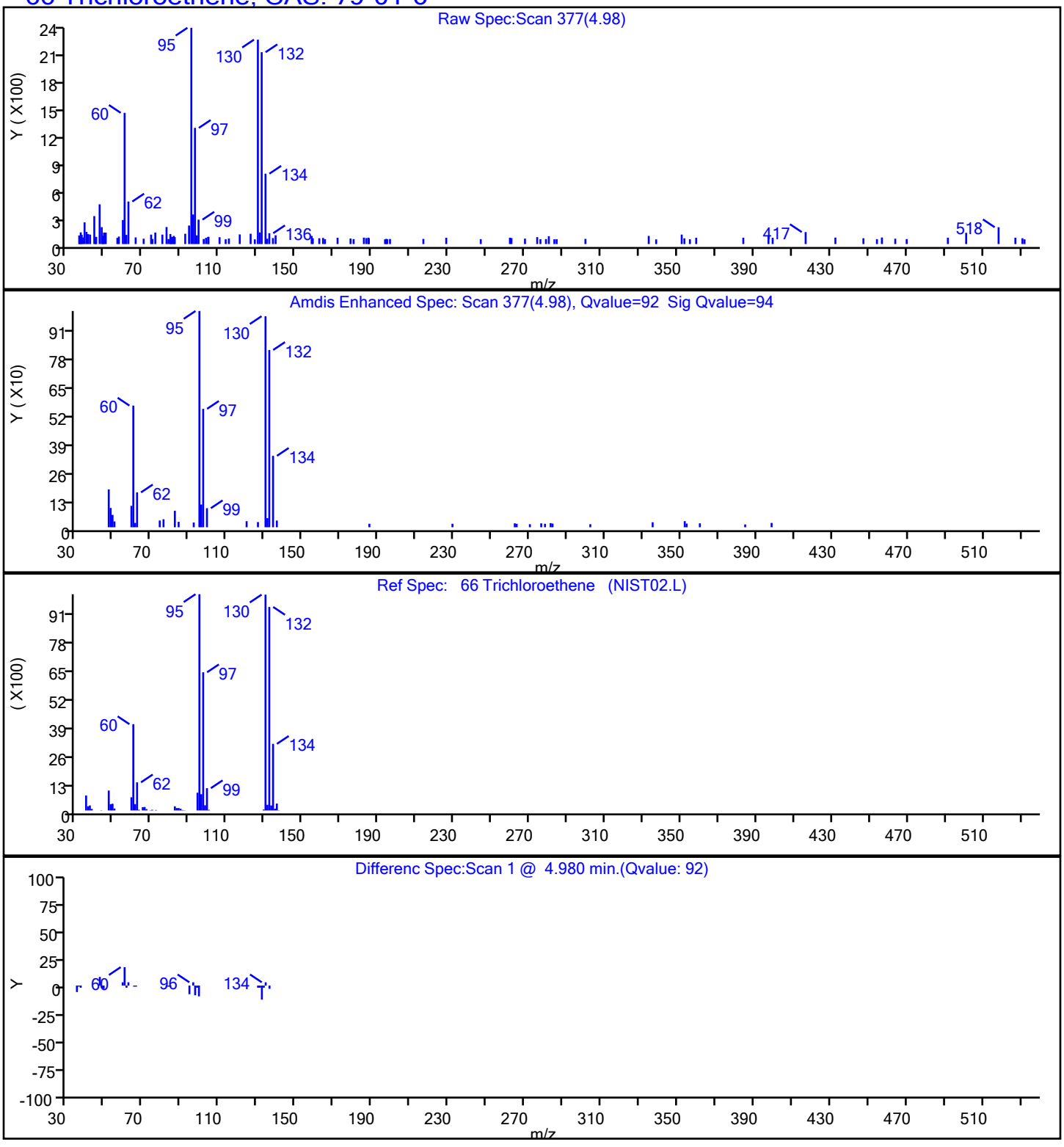
Report Date: 07-May-2025 12:15:49 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29357.d

Injection Date:	07-May-2025 08:43:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-B-6	Lab Sample ID:	460-325354-6		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

66 Trichloroethene, CAS: 79-01-6



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-325354-7

Matrix: Water | Lab File ID: O29301.d

Analysis Method: 8260D | Date Collected: 04/30/2025 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 06:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	10		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-325354-7

Matrix: Water | Lab File ID: O29301.d

Analysis Method: 8260D | Date Collected: 04/30/2025 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 06:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	87		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29301.d
Lims ID: 460-325354-A-7
Client ID: A-07
Sample Type: Client
Inject. Date: 06-May-2025 06:50:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-7
Misc. Info.: 460-0190391-015
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:01:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	168513	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	229015	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	94320	52.7	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	133163	50.2	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	396250	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24126	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	425003	51.1	
86 Tetrachloroethene	166	7.240	7.241	-0.001	87	26968	10.4	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	295208	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	99132	43.6	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	137950	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

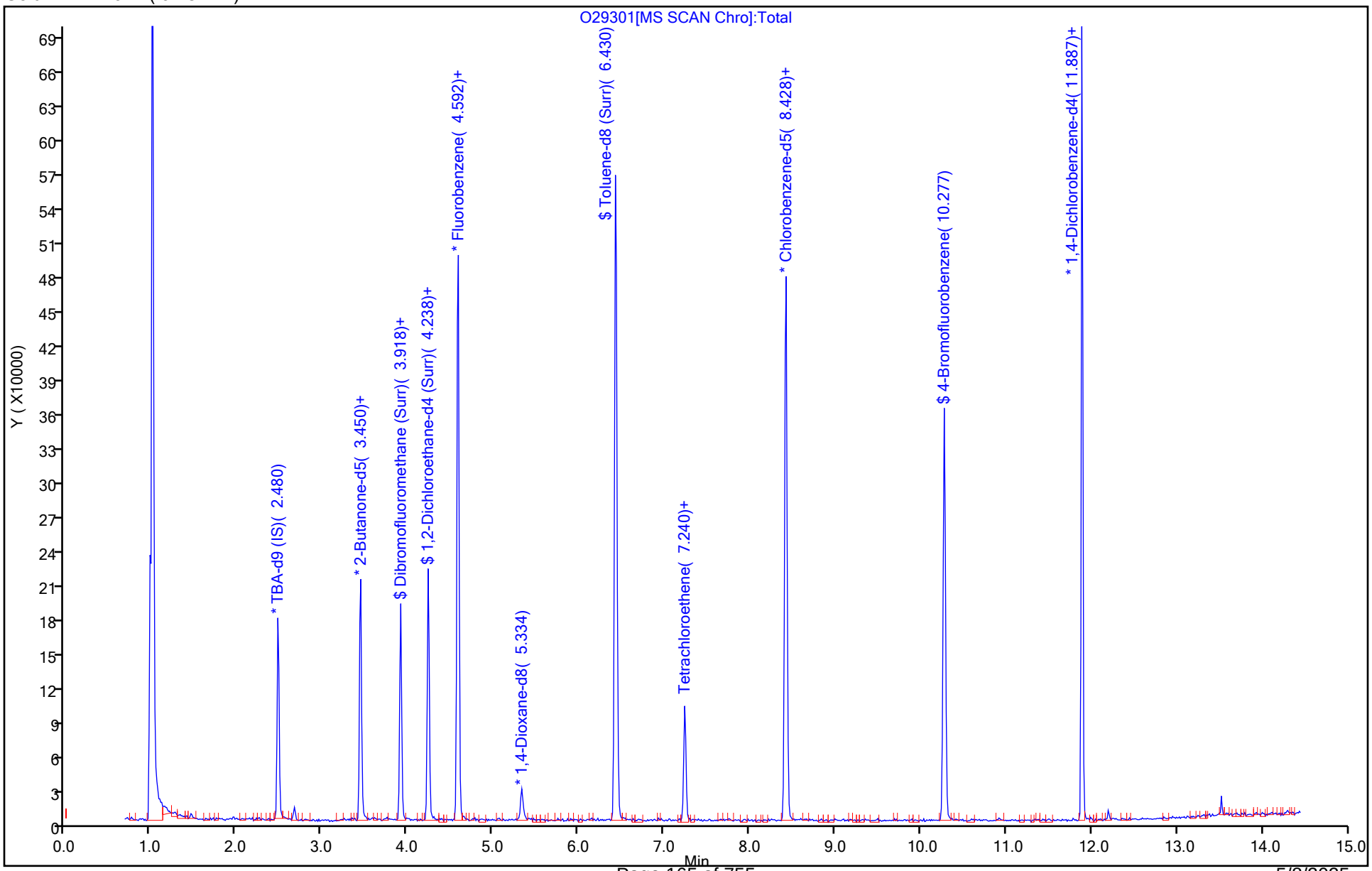
Report Date: 07-May-2025 19:37:48 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29301.d

Injection Date:	06-May-2025 06:50:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-7	Lab Sample ID:	460-325354-7	Worklist Smp#:	15
Client ID:	A-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29301.d
Lims ID: 460-325354-A-7
Client ID: A-07
Sample Type: Client
Inject. Date: 06-May-2025 06:50:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-7
Misc. Info.: 460-0190391-015
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:01:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	52.7	105.48
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.33
$ 81 Toluene-d8 (Surr)	50.0	51.1	102.10
$ 103 4-Bromofluorobenzene	50.0	43.6	87.19

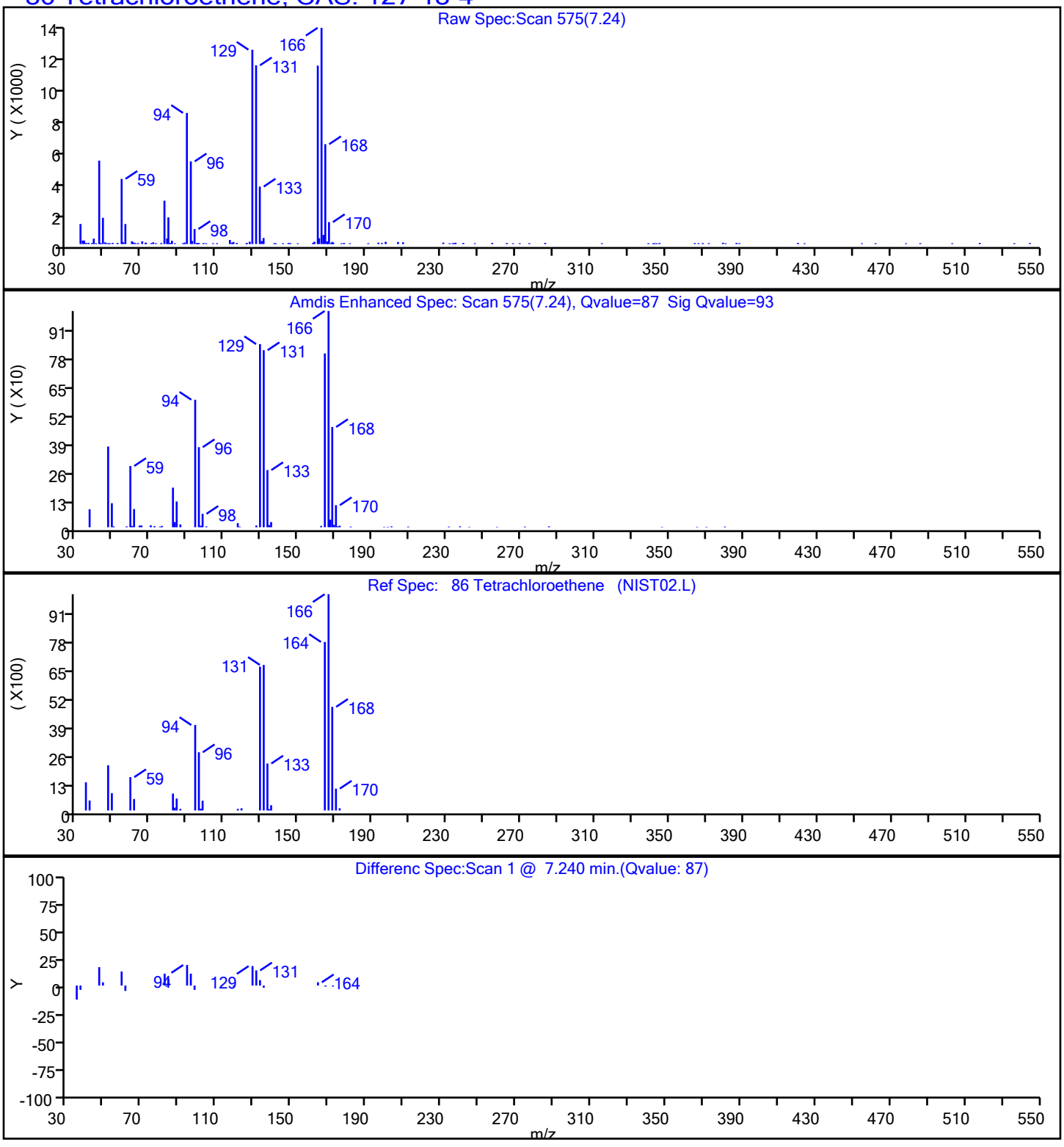
Report Date: 07-May-2025 19:37:49 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29301.d

Injection Date:	06-May-2025 06:50:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-7	Lab Sample ID:	460-325354-7		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-325354-8

Matrix: Water | Lab File ID: O29302.d

Analysis Method: 8260D | Date Collected: 04/30/2025 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.89	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	150		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.46		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-325354-8

Matrix: Water | Lab File ID: O29302.d

Analysis Method: 8260D | Date Collected: 04/30/2025 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	86		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d
Lims ID: 460-325354-A-8
Client ID: A-06
Sample Type: Client
Inject. Date: 06-May-2025 07:19:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-8
Misc. Info.: 460-0190391-016
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50	1.269	1.270	-0.001	94	3739	0.8875	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	161544	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	225360	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	94144	53.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	129311	49.0	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	393873	50.0	
66 Trichloroethene	95	4.968	4.980	-0.012	90	1275	0.4582	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	20840	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	426103	50.7	
86 Tetrachloroethene	166	7.240	7.241	-0.001	90	391798	150.4	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	297876	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	82	98600	43.0	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	144043	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

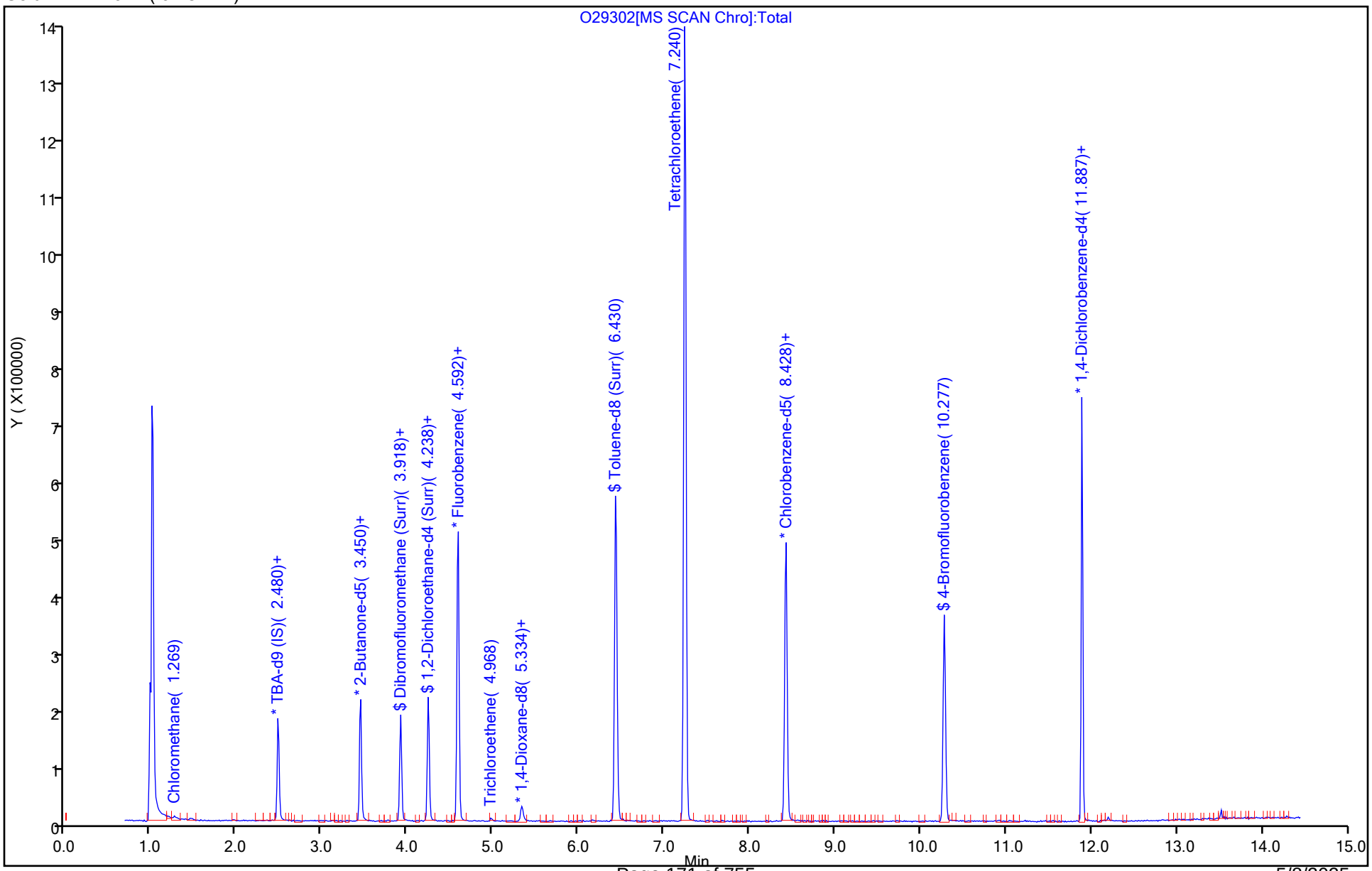
Report Date: 07-May-2025 19:38:07 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d

Injection Date:	06-May-2025 07:19:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-8	Lab Sample ID:	460-325354-8	Worklist Smp#:	16
Client ID:	A-06				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d
Lims ID: 460-325354-A-8
Client ID: A-06
Sample Type: Client
Inject. Date: 06-May-2025 07:19:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-8
Misc. Info.: 460-0190391-016
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:10

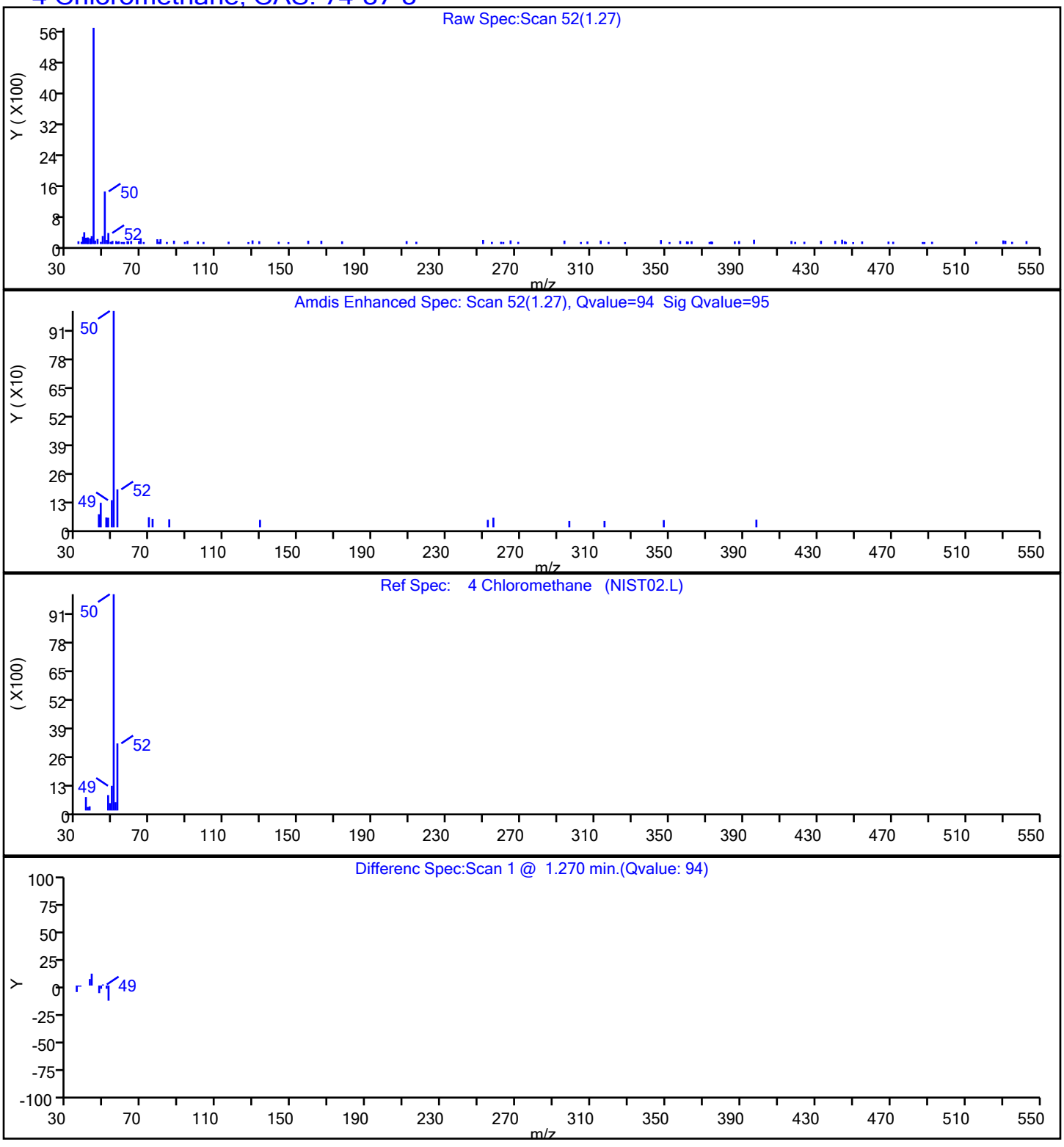
Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.0	105.92
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.0	98.02
$ 81 Toluene-d8 (Surr)	50.0	50.7	101.45
$ 103 4-Bromofluorobenzene	50.0	43.0	85.95

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d

Injection Date:	06-May-2025 07:19:30	Instrument ID:	CVOAMS12
Lims ID:	460-325354-A-8	Lab Sample ID:	460-325354-8
Client ID:	A-06		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

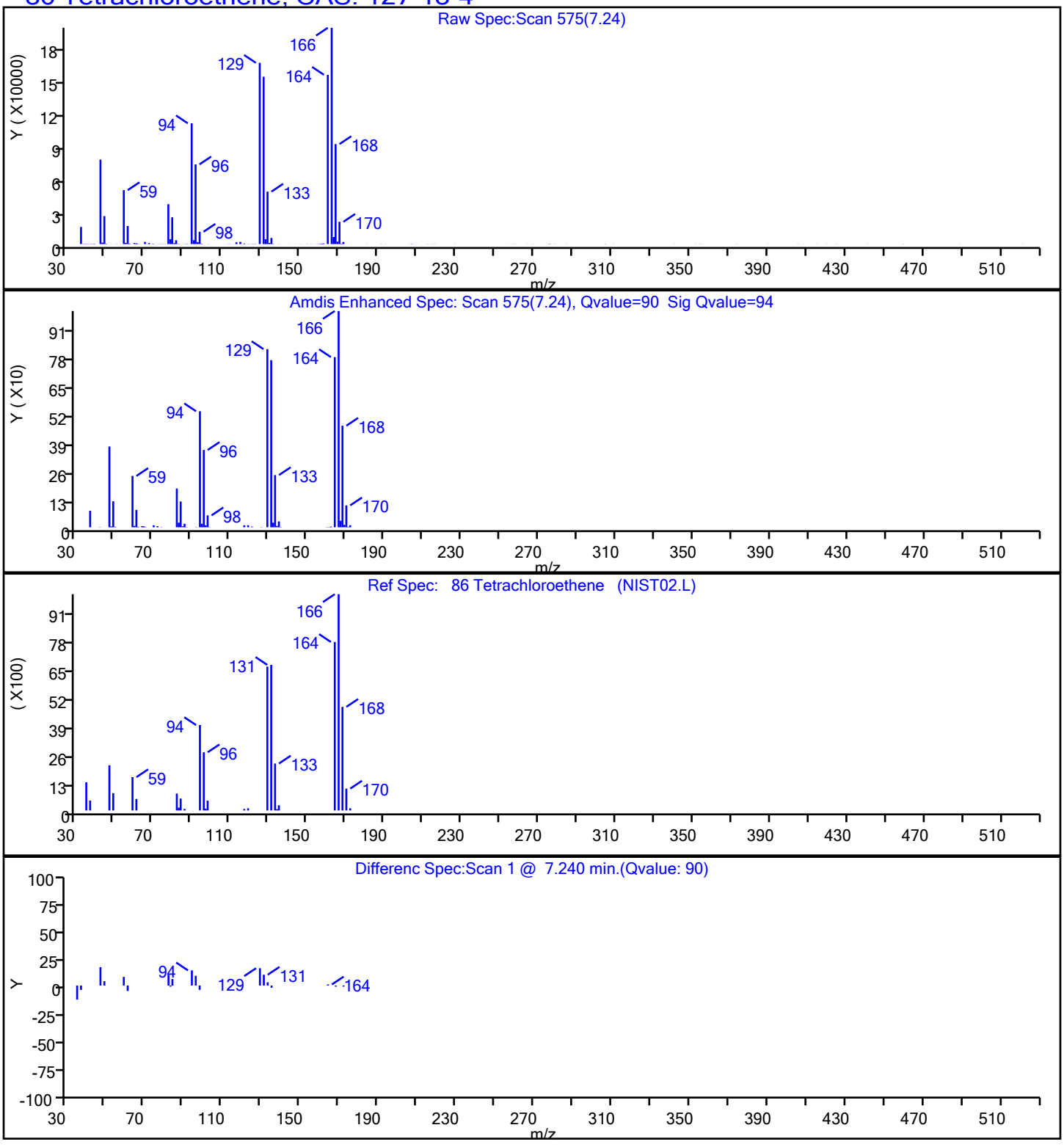
4 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d
Injection Date: 06-May-2025 07:19:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-8 Lab Sample ID: 460-325354-8
Client ID: A-06
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



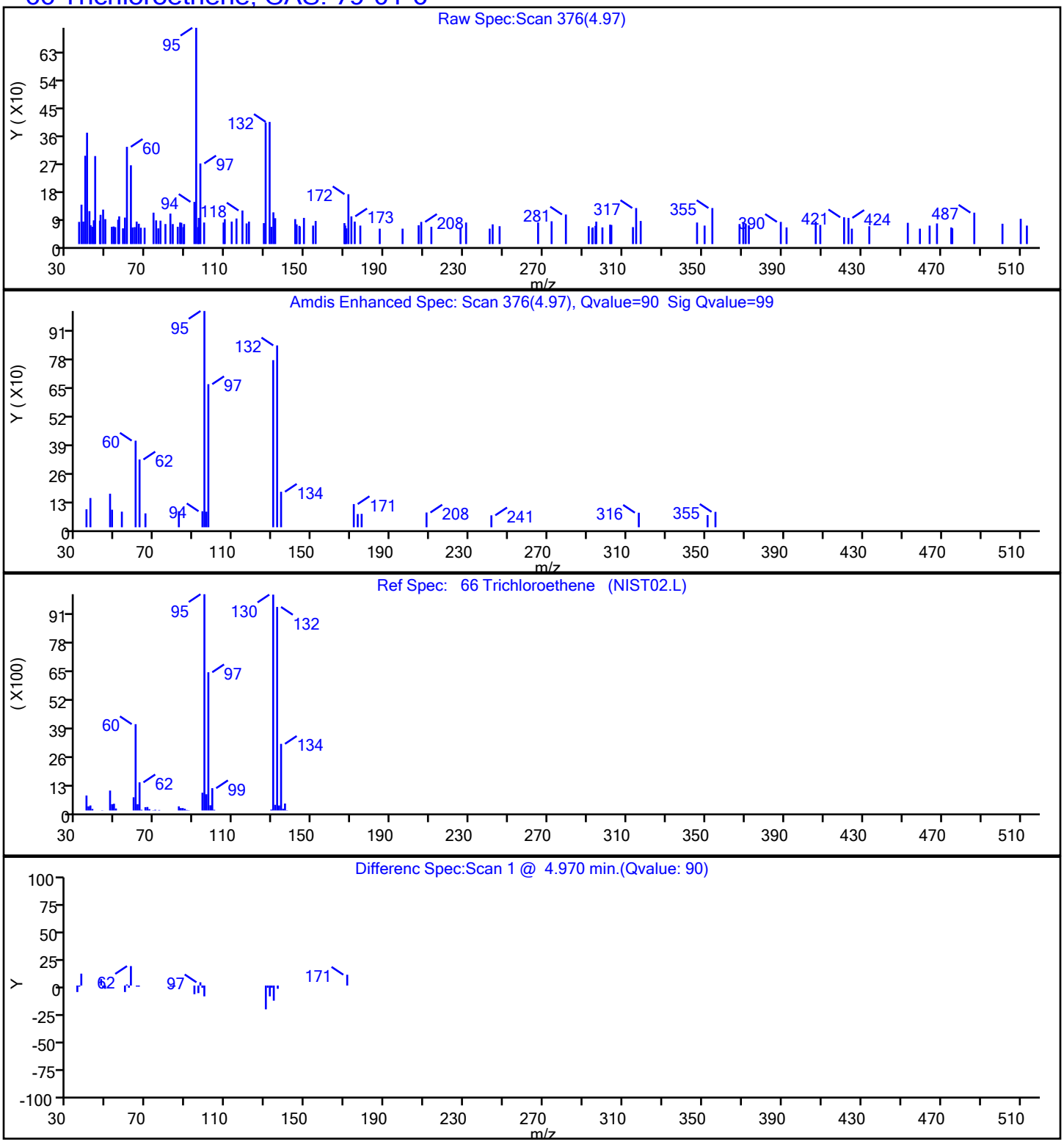
Report Date: 07-May-2025 19:38:07 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29302.d

Injection Date:	06-May-2025 07:19:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-8	Lab Sample ID:	460-325354-8		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

66 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-325354-9

Matrix: Water | Lab File ID: O29303.d

Analysis Method: 8260D | Date Collected: 04/30/2025 15:23

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 07:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.93	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	160		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.53		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-325354-9

Matrix: Water | Lab File ID: O29303.d

Analysis Method: 8260D | Date Collected: 04/30/2025 15:23

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 07:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	88		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d
Lims ID: 460-325354-A-9
Client ID: A-066
Sample Type: Client
Inject. Date: 06-May-2025 07:47:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-9
Misc. Info.: 460-0190391-017
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50	1.269	1.270	-0.001	97	3946	0.9344	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	175109	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	238942	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	93742	52.6	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134417	50.8	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	394807	50.0	
66 Trichloroethene	95	4.980	4.980	0.000	94	1491	0.5345	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24017	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	427235	51.8	
86 Tetrachloroethene	166	7.240	7.241	-0.001	89	400462	156.7	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	292236	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	99350	44.1	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	135000	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

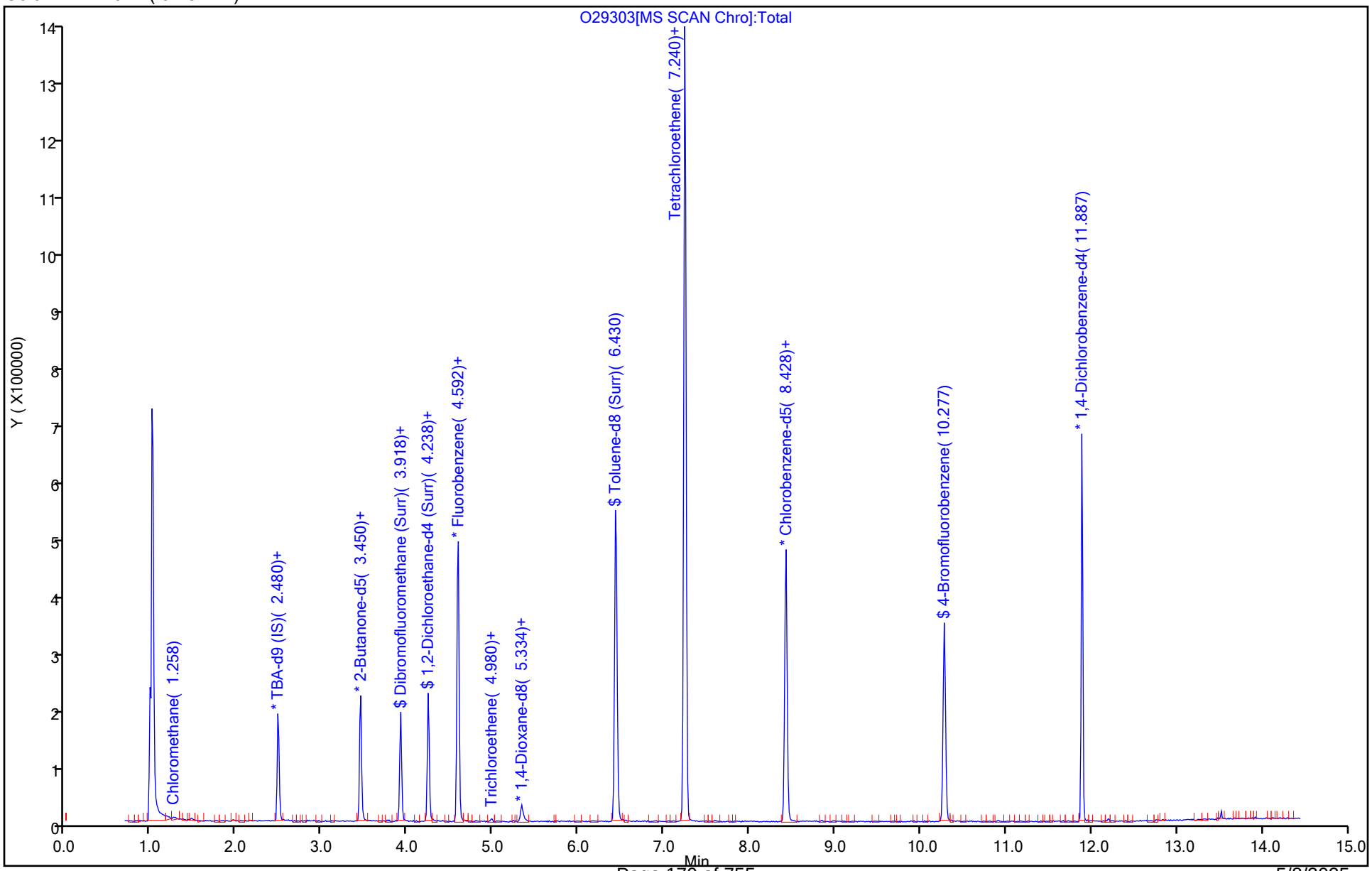
Report Date: 07-May-2025 19:38:23 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d

Injection Date:	06-May-2025 07:47:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-9	Lab Sample ID:	460-325354-9	Worklist Smp#:	17
Client ID:	A-066				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d
Lims ID: 460-325354-A-9
Client ID: A-066
Sample Type: Client
Inject. Date: 06-May-2025 07:47:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-9
Misc. Info.: 460-0190391-017
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

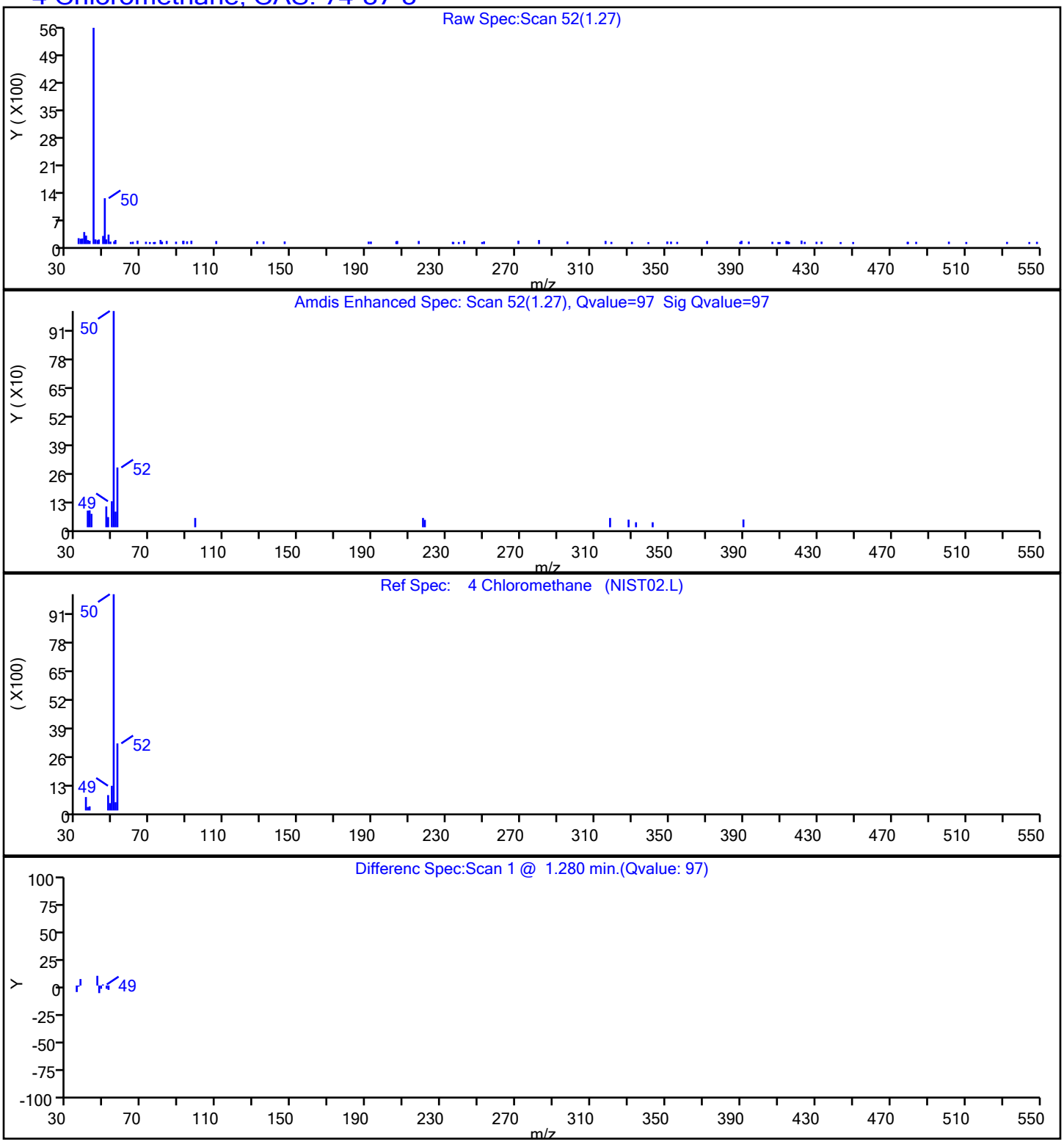
First Level Reviewer: RD6L Date: 06-May-2025 10:02:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	52.6	105.22
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	50.8	101.65
$ 81 Toluene-d8 (Surr)	50.0	51.8	103.69
$ 103 4-Bromofluorobenzene	50.0	44.1	88.27

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d
Injection Date: 06-May-2025 07:47:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-9 Lab Sample ID: 460-325354-9
Client ID: A-066
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

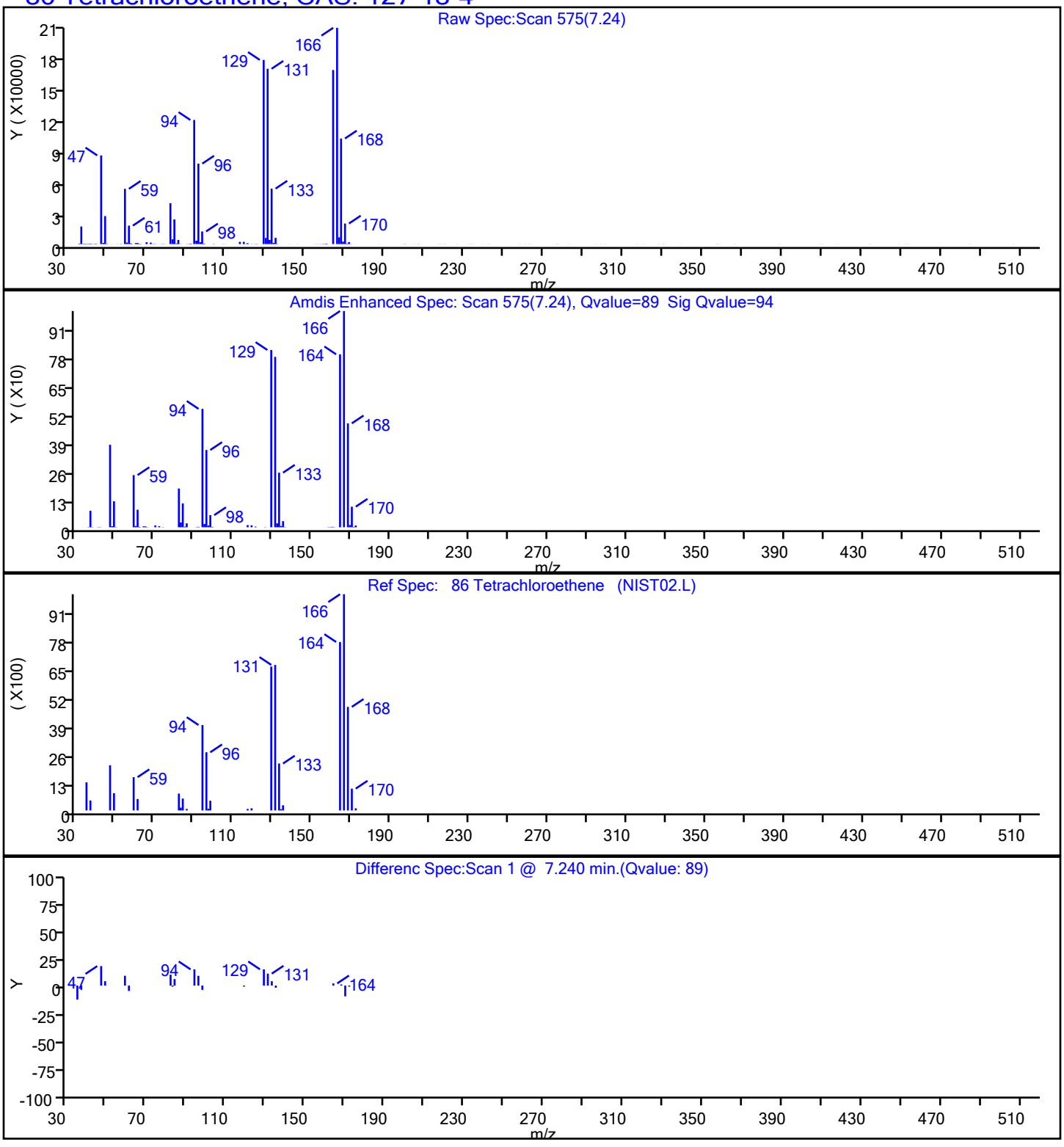
4 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d
Injection Date: 06-May-2025 07:47:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-9 Lab Sample ID: 460-325354-9
Client ID: A-066
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

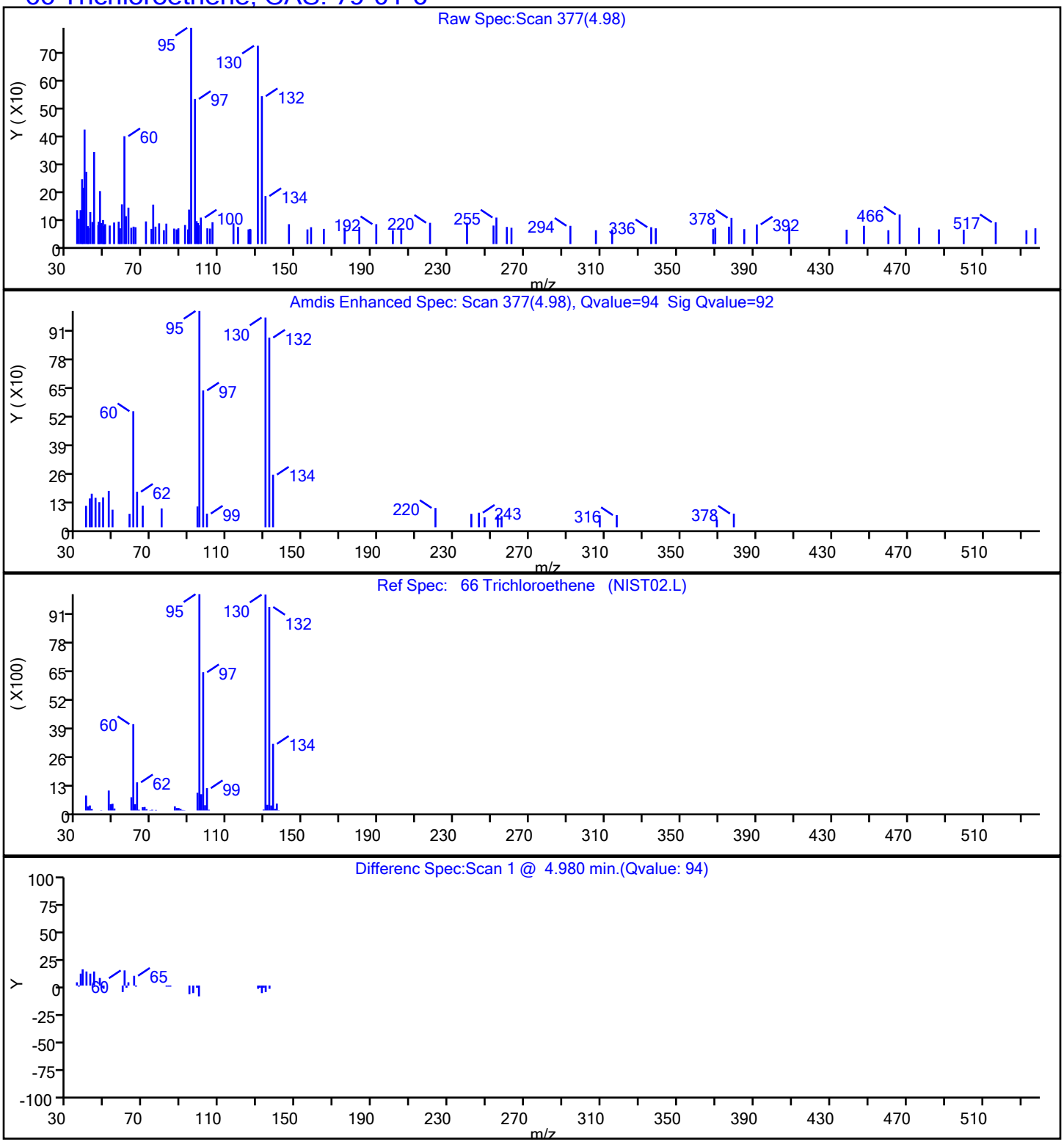
86 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29303.d
Injection Date: 06-May-2025 07:47:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-9 Lab Sample ID: 460-325354-9
Client ID: A-066
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-325354-10

Matrix: Water | Lab File ID: O29304.d

Analysis Method: 8260D | Date Collected: 04/30/2025 16:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 08:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	70		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-325354-10

Matrix: Water | Lab File ID: O29304.d

Analysis Method: 8260D | Date Collected: 04/30/2025 16:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 08:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29304.d
Lims ID: 460-325354-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 06-May-2025 08:16:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-10
Misc. Info.: 460-0190391-018
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	188593	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	235441	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	95390	53.9	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	132006	50.3	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	392078	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23996	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	424042	51.9	
86 Tetrachloroethene	166	7.240	7.241	-0.001	88	176071	69.5	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	289715	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	100753	45.1	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	135444	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

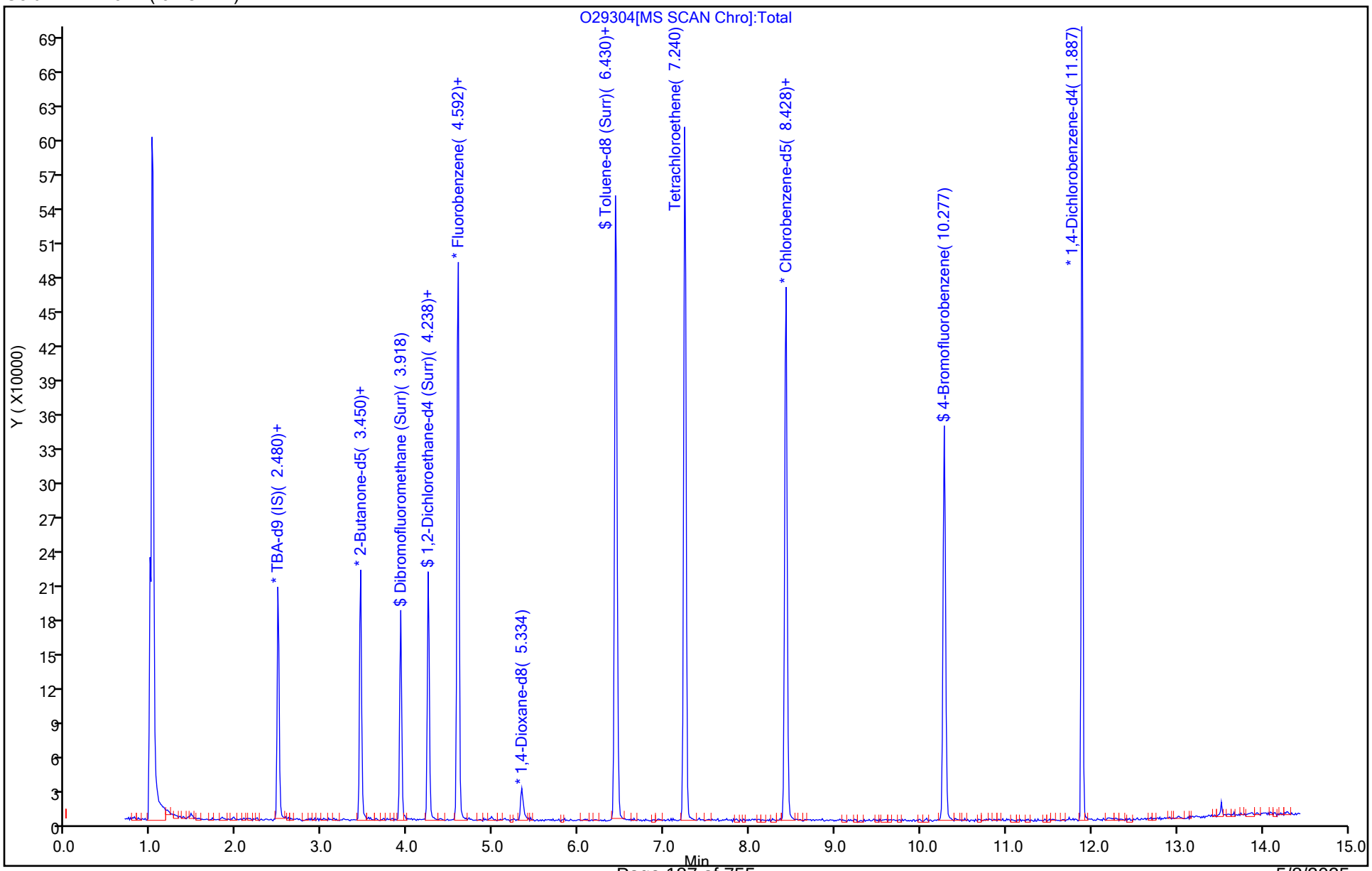
Report Date: 07-May-2025 19:38:40 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29304.d

Injection Date:	06-May-2025 08:16:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-10	Lab Sample ID:	460-325354-10	Worklist Smp#:	18
Client ID:	A-05				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29304.d
Lims ID: 460-325354-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 06-May-2025 08:16:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-10
Misc. Info.: 460-0190391-018
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

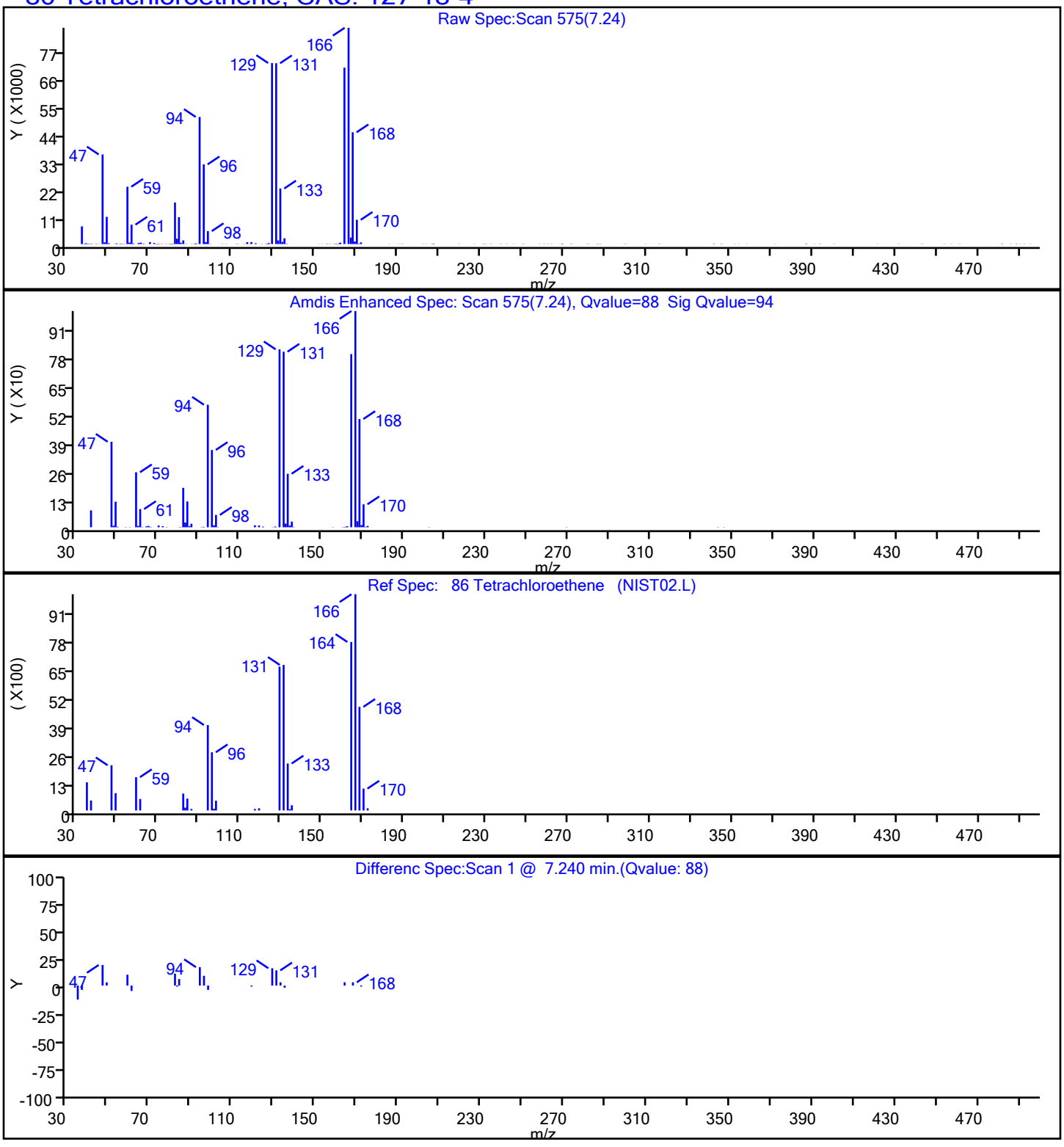
First Level Reviewer: RD6L Date: 06-May-2025 10:02:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.9	107.81
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	50.3	100.52
$ 81 Toluene-d8 (Surr)	50.0	51.9	103.81
$ 103 4-Bromofluorobenzene	50.0	45.1	90.30

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29304.d				
Injection Date:	06-May-2025 08:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-10	Lab Sample ID:	460-325354-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-325354-11

Matrix: Water | Lab File ID: O29305.d

Analysis Method: 8260D | Date Collected: 04/30/2025 16:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 08:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	6.5		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-325354-11

Matrix: Water | Lab File ID: O29305.d

Analysis Method: 8260D | Date Collected: 04/30/2025 16:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 08:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29305.d
Lims ID: 460-325354-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 06-May-2025 08:44:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-11
Misc. Info.: 460-0190391-019
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	171999	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	227460	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	93898	53.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	130669	49.8	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	391958	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23257	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	424157	52.3	
86 Tetrachloroethene	166	7.241	7.241	0.000	90	16452	6.54	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	287659	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	83	114078	51.5	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	140695	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

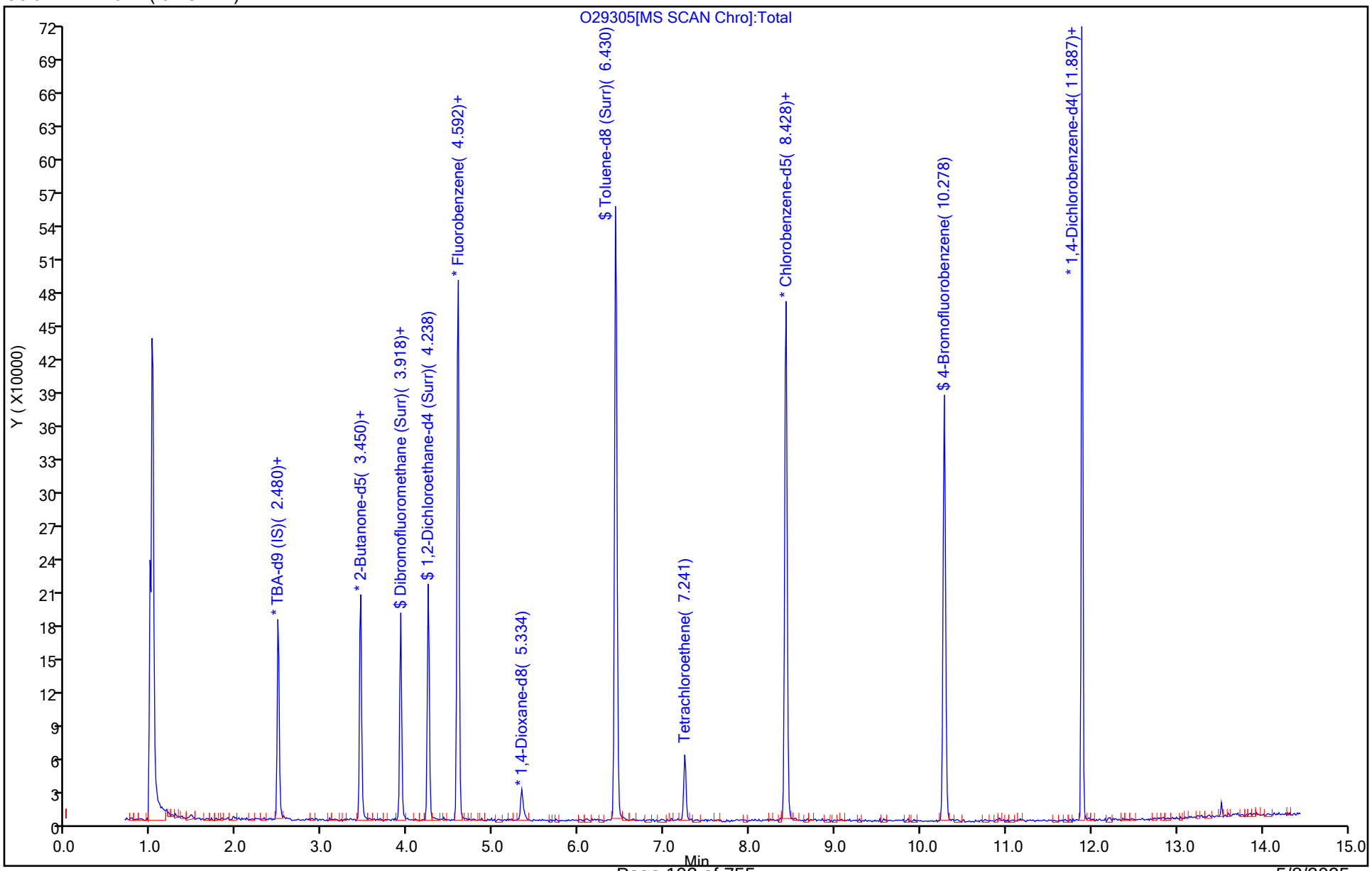
Report Date: 07-May-2025 19:38:53 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29305.d

Injection Date:	06-May-2025 08:44:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-11	Lab Sample ID:	460-325354-11	Worklist Smp#:	19
Client ID:	A-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29305.d
Lims ID: 460-325354-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 06-May-2025 08:44:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-11
Misc. Info.: 460-0190391-019
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

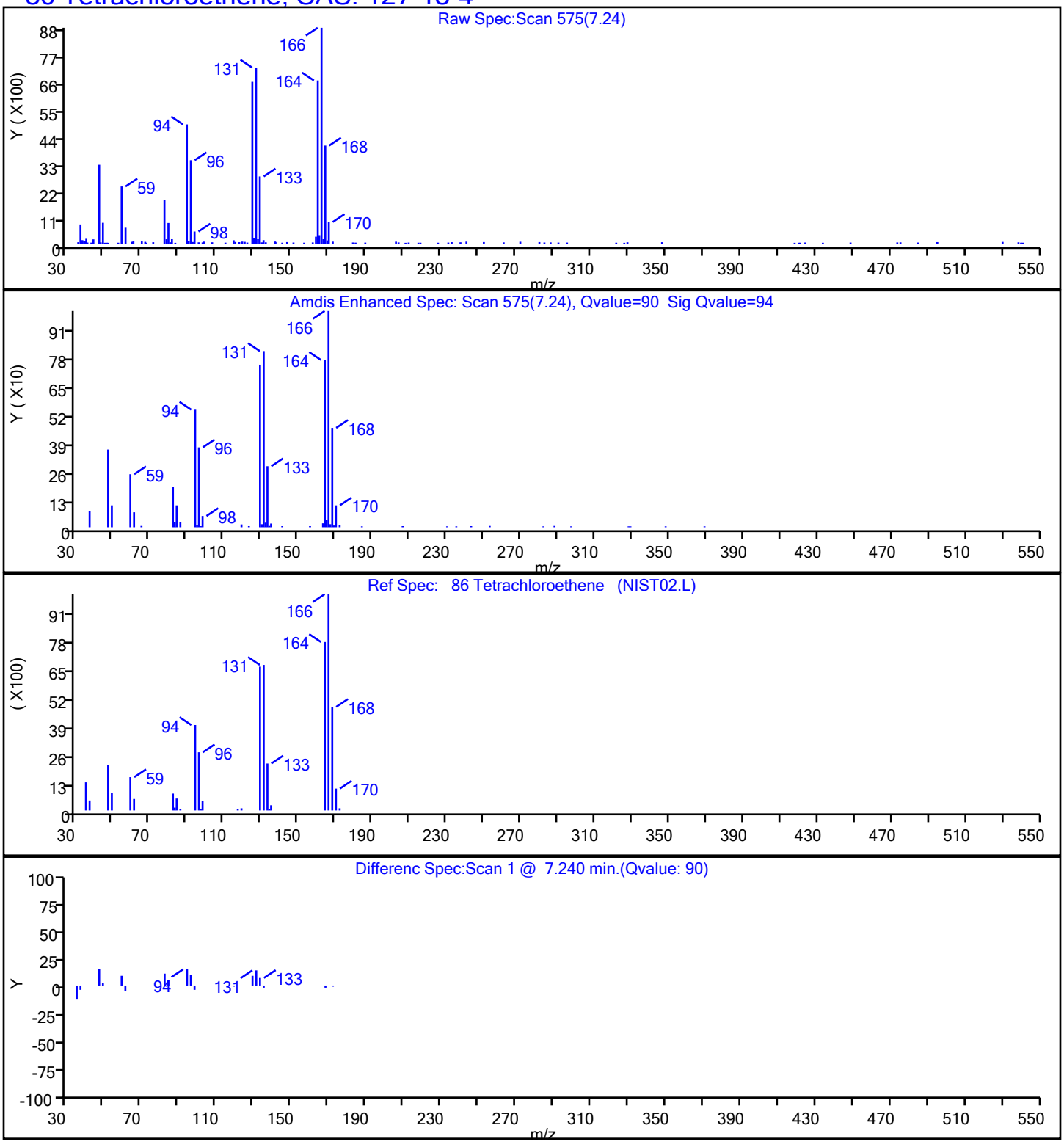
First Level Reviewer: RD6L Date: 06-May-2025 10:02:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.1	106.16
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.8	99.53
$ 81 Toluene-d8 (Surr)	50.0	52.3	104.58
$ 103 4-Bromofluorobenzene	50.0	51.5	102.97

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29305.d
Injection Date: 06-May-2025 08:44:30 Instrument ID: CVOAMS12
Lims ID: 460-325354-A-11 Lab Sample ID: 460-325354-11
Client ID: A-09
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-325354-12

Matrix: Water | Lab File ID: O29306.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 09:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	18		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	1.0		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-325354-12

Matrix: Water | Lab File ID: O29306.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 09:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	87		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29306.d
Lims ID: 460-325354-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 06-May-2025 09:13:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-12
Misc. Info.: 460-0190391-020
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	170454	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	229354	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	93956	54.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	135886	52.7	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	384806	50.0	
66 Trichloroethene	95	4.980	4.980	0.000	87	2737	1.01	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	22374	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	417322	50.8	
86 Tetrachloroethene	166	7.241	7.241	0.000	89	46288	18.2	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	291525	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	97611	43.5	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	138536	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

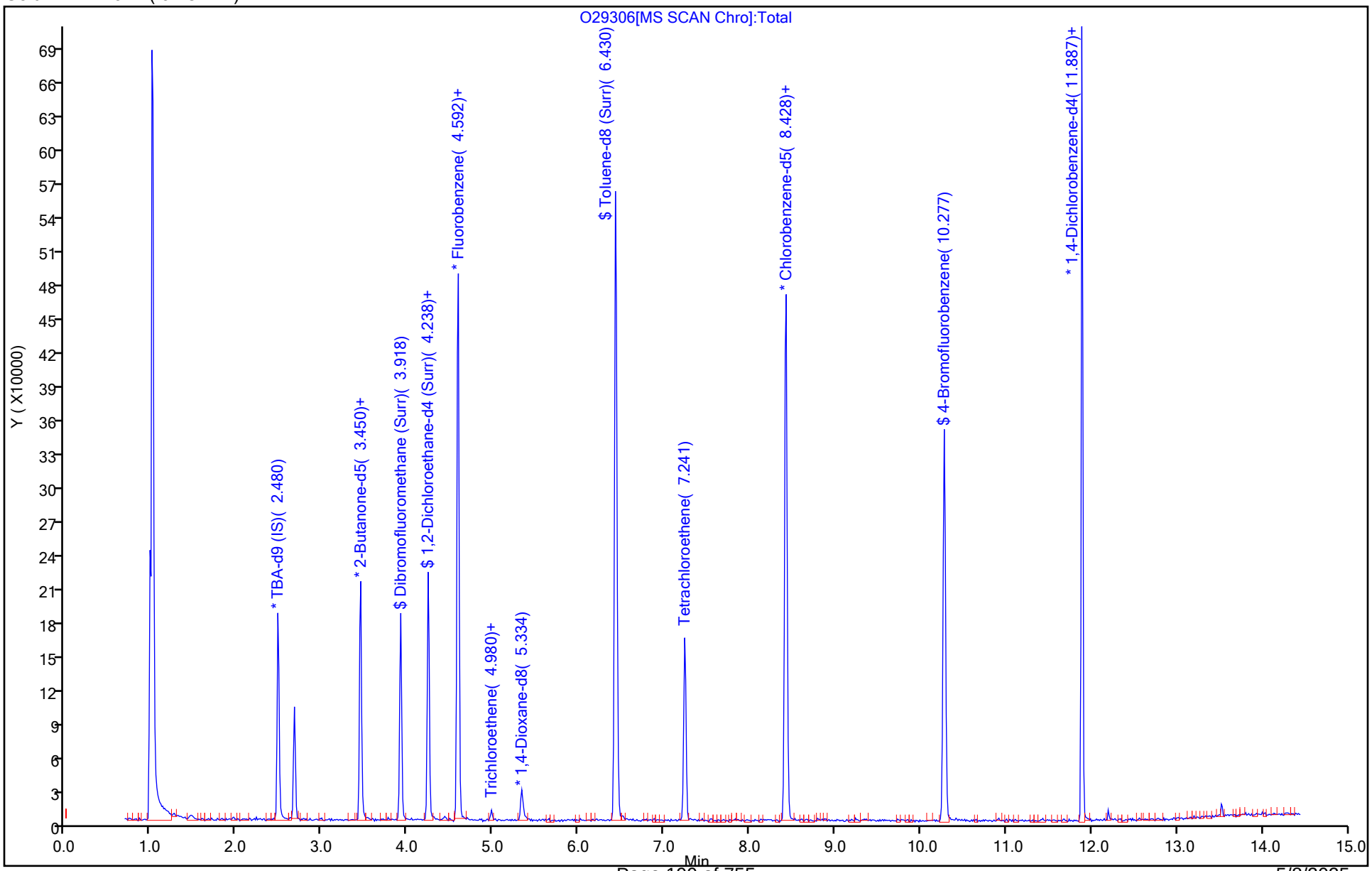
Report Date: 07-May-2025 19:39:20 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29306.d

Injection Date:	06-May-2025 09:13:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-12	Lab Sample ID:	460-325354-12	Worklist Smp#:	20
Client ID:	A-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29306.d
Lims ID: 460-325354-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 06-May-2025 09:13:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-12
Misc. Info.: 460-0190391-020
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 10:02:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	54.1	108.20
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	52.7	105.43
$ 81 Toluene-d8 (Surr)	50.0	50.8	101.53
$ 103 4-Bromofluorobenzene	50.0	43.5	86.94

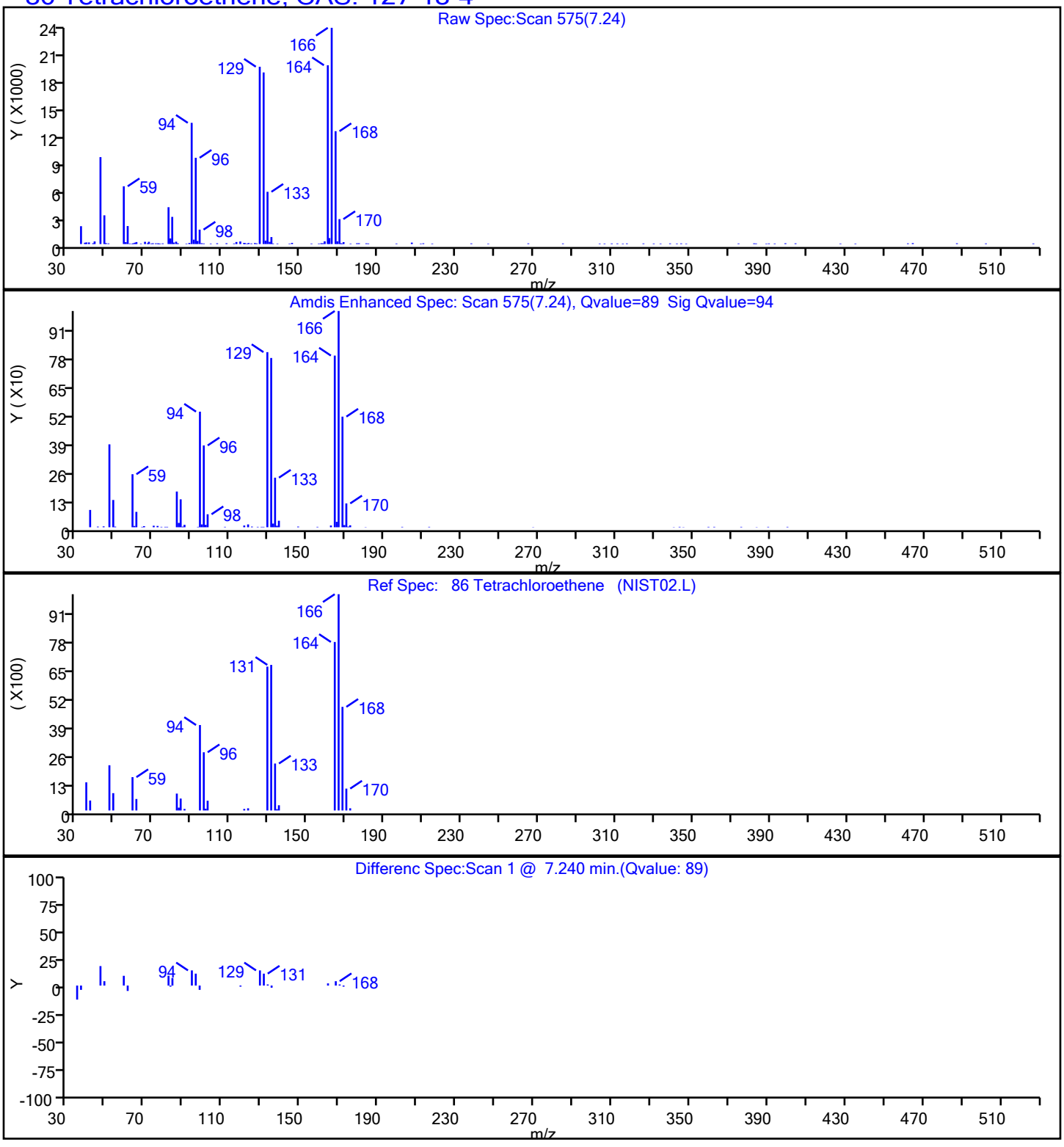
Report Date: 07-May-2025 19:39:20 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29306.d

Injection Date:	06-May-2025 09:13:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-12	Lab Sample ID:	460-325354-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



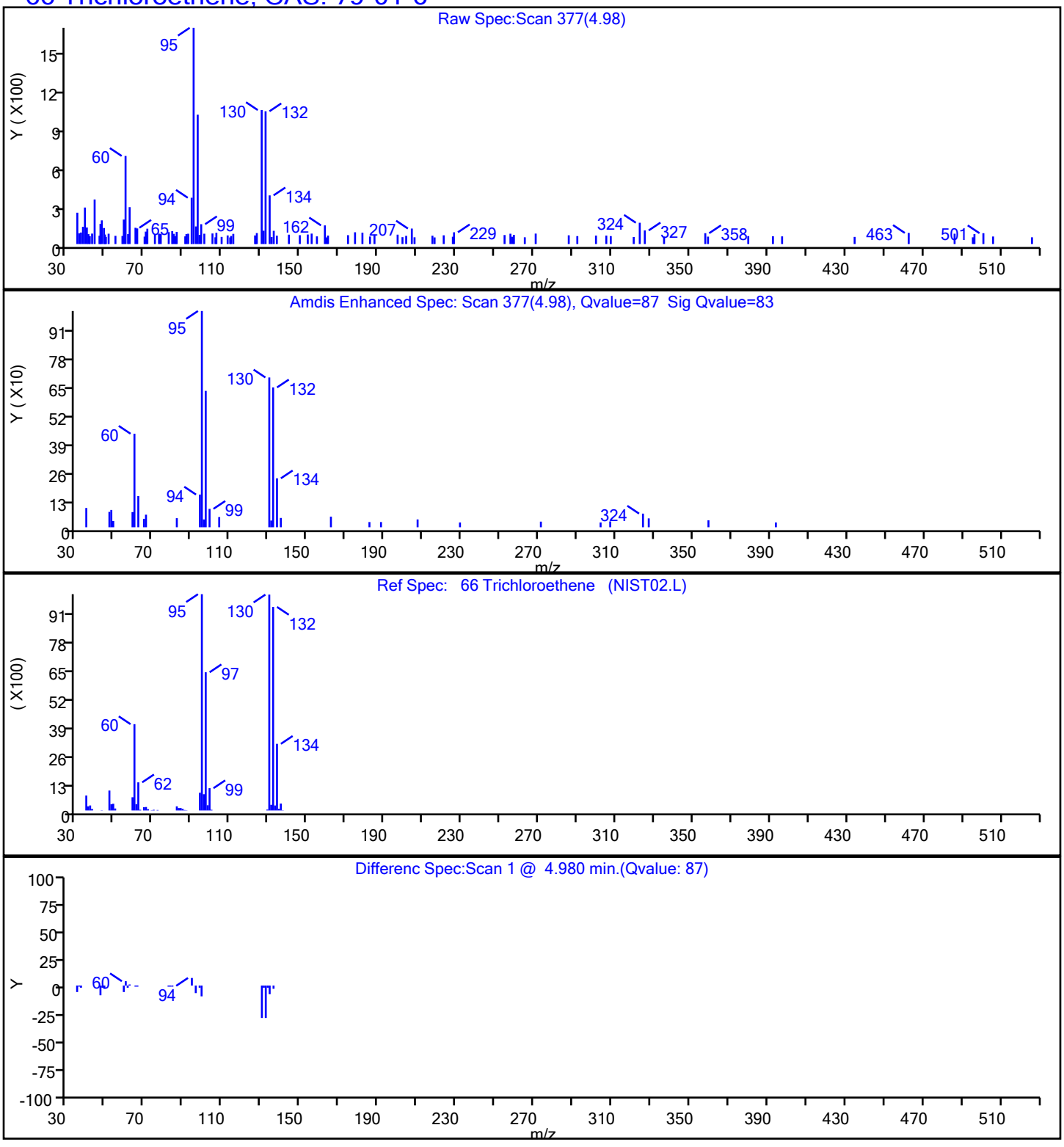
Report Date: 07-May-2025 19:39:20 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29306.d

Injection Date:	06-May-2025 09:13:30	Instrument ID:	CVOAMS12		
Lims ID:	460-325354-A-12	Lab Sample ID:	460-325354-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

66 Trichloroethene, CAS: 79-01-6



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: FB0430 | Lab Sample ID: 460-325354-13

Matrix: Water | Lab File ID: O29295.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: FB0430 | Lab Sample ID: 460-325354-13

Matrix: Water | Lab File ID: O29295.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	87		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29295.d
Lims ID: 460-325354-A-13
Client ID: FB0430
Sample Type: Client
Inject. Date: 06-May-2025 03:59:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-13
Misc. Info.: 460-0190391-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:57:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 09:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	153034	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	228581	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	92668	51.3	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	131137	48.9	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	400352	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23367	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	430094	50.5	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	301945	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	100755	43.3	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	137464	50.0	

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

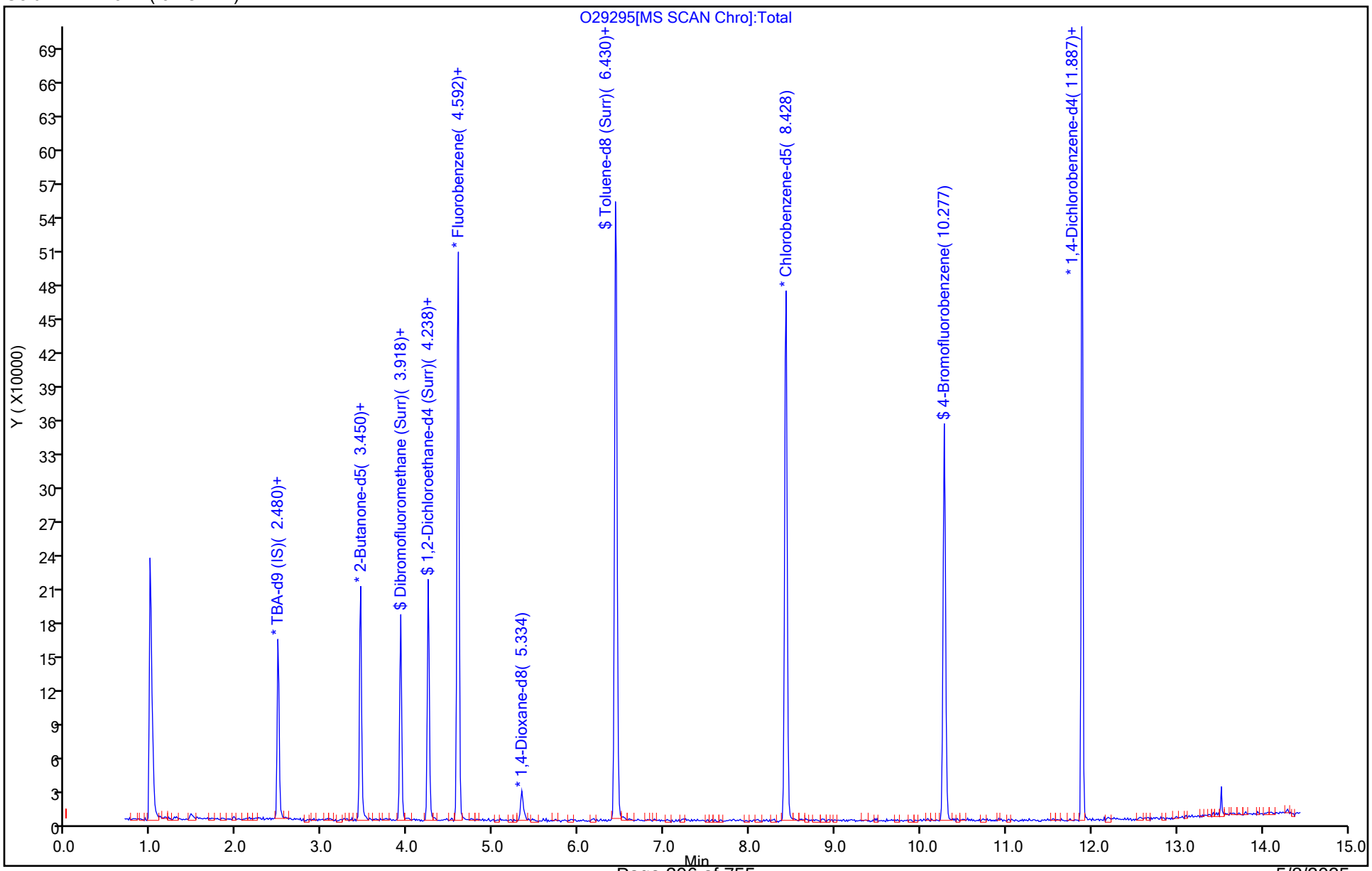
Report Date: 06-May-2025 09:58:49 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29295.d

Injection Date:	06-May-2025 03:59:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-13	Lab Sample ID:	460-325354-13	Worklist Smp#:	9
Client ID:	FB0430				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29295.d
Lims ID: 460-325354-A-13
Client ID: FB0430
Sample Type: Client
Inject. Date: 06-May-2025 03:59:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-13
Misc. Info.: 460-0190391-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:57:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 09:58:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.3	102.57
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.79
$ 81 Toluene-d8 (Surr)	50.0	50.5	101.02
$ 103 4-Bromofluorobenzene	50.0	43.3	86.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-325354-14

Matrix: Water | Lab File ID: O29294.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-325354-14

Matrix: Water | Lab File ID: O29294.d

Analysis Method: 8260D | Date Collected: 04/30/2025 17:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29294.d
Lims ID: 460-325354-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 06-May-2025 03:30:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-14
Misc. Info.: 460-0190391-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:57:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 09:58:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	154095	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	242244	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	91324	50.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	129842	47.9	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	404403	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23286	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	434459	52.1	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	295588	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	82	101587	44.6	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	136870	50.0	

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

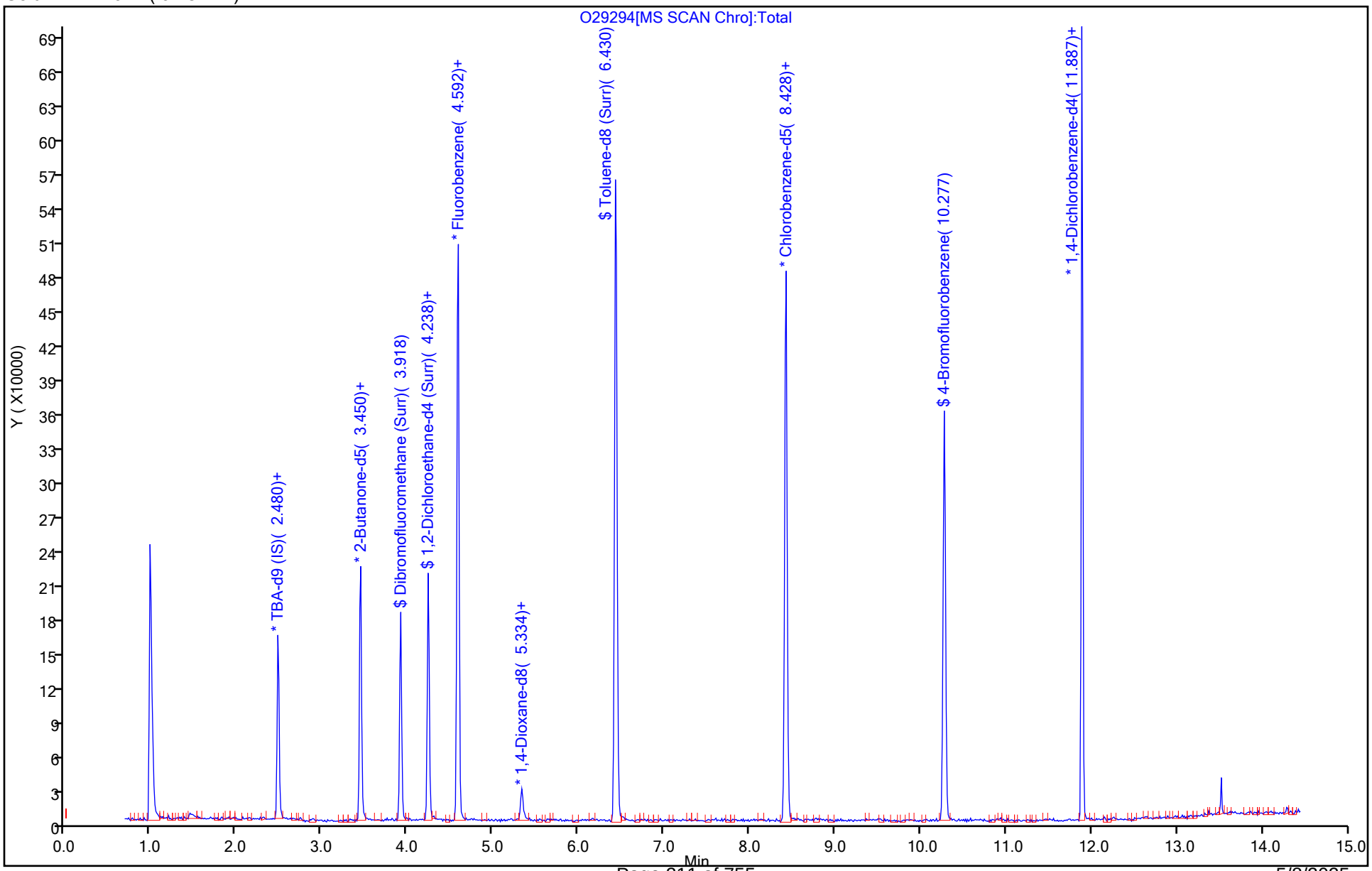
Report Date: 06-May-2025 09:58:36 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29294.d

Injection Date:	06-May-2025 03:30:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-14	Lab Sample ID:	460-325354-14	Worklist Smp#:	8
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29294.d
Lims ID: 460-325354-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 06-May-2025 03:30:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-a-14
Misc. Info.: 460-0190391-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:57:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 09:58:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	50.0	100.07
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	47.9	95.86
$ 81 Toluene-d8 (Surr)	50.0	52.1	104.24
$ 103 4-Bromofluorobenzene	50.0	44.6	89.24

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032506/4	O28655.d
Level 2	STD9 460-1032506/3	O28654.d
Level 3	STD05 460-1032506/5	O28656.d
Level 4	STD1 460-1032506/6	O28657.d
Level 5	STD5 460-1032506/7	O28658.d
Level 6	STD20 460-1032506/8	O28659.d
Level 7	STD50 460-1032506/9	O28660.d
Level 8	STD200 460-1032506/10	O28661.d
Level 9	STD500 460-1032506/11	O28662.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.4505	+++++ 0.4820	0.5086 +++++	0.4336 +++++	0.4607	Ave		0.4671				6.2		20.0			
Dichlorodifluoromethane	+++++ 0.3604	+++++ 0.3651	0.4990 0.4779	0.3350 0.4879	0.3694	Ave		0.4135			0.1000	17.2		20.0			
Chlorodifluoromethane	+++++ 0.0659	+++++ 0.0635	0.0674 0.0754	0.0965 0.0695	0.0751	Ave		0.0733				15.2		20.0			
Chloromethane	+++++ 0.4720	+++++ 0.4809	0.6484 0.5322	0.6134 0.5022	0.4947	Ave		0.5348			0.1000	12.9		20.0			
Vinyl chloride	+++++ 0.3831	+++++ 0.3914	0.4458 0.4213	0.4395 0.4158	0.3947	Ave		0.4131			0.1000	5.9		20.0			
Butadiene	0.5364 0.3561	+++++ 0.3739	0.3170 0.4320	0.3338 0.4241	0.3299	Ave		0.3879				18.9		20.0			
Bromomethane	+++++ 0.2216	+++++ 0.2561	0.3631 0.3013	0.3009 +++++	0.2071	Qua2	0.0781	0.2106	0.0004732		0.1000				0.9960		0.9900
Chloroethane	+++++ 0.2687	+++++ 0.2631	0.3849 0.2779	0.2398 0.2813	0.2730	Ave		0.2841			0.1000	16.4		20.0			
Dichlorofluoromethane	+++++ 0.6571	+++++ 0.6730	0.7040 0.7002	0.7024 0.6840	0.6741	Ave		0.6850				2.6		20.0			
Trichlorofluoromethane	+++++ 0.4298	+++++ 0.4580	0.4708 0.5144	0.3751 0.5044	0.4029	Ave		0.4508			0.1000	11.4		20.0			
Pentane	+++++ 0.0924	+++++ 0.0903	0.1079 0.0912	0.0937 0.0901	0.0855	Ave		0.0930				7.6		20.0			
Ethanol	+++++ 0.0533	+++++ 0.0592	+++++ 0.0611	0.0725 +++++	0.0429	Ave		0.0578				18.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2892	+++++ 0.2864	0.4936 0.2929	0.4506 0.2922	0.3352	Lin2	0.1097	0.2972							0.9930		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1884	+++++ 0.1940	0.1659 0.2936	0.2226 0.2977	0.2262	QuaF		0.2751	0.0000461						0.9990		0.9900
2-Methyl-1,3-butadiene	+++++ 0.3507	+++++ 0.3532	0.4617 0.3582	0.3524 0.3568	0.3594	Ave		0.3703				10.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3628	+++++ 0.3318	0.4971 0.4634	0.4129 0.4499	0.3906	Ave		0.4155				14.1		20.0			
Acrolein	+++++ 1.1431	+++++ 1.4355	1.1944 +++++	1.2778 +++++	1.0830	Ave		1.2268				11.2		20.0			
1,1-Dichloroethene	+++++ 0.2394	+++++ 0.2573	0.3010 0.3109	0.2774 0.2992	0.2407	Ave		0.2751			0.1000	10.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2875	+++++ 0.2786	0.3552 0.2968	0.2643 0.2982	0.2531	Ave		0.2905			0.1000	11.3		20.0			
Acetone	+++++ 0.4544	+++++ 0.5461	0.8091 0.6741	0.5410 0.6306	0.4317	QuaF		0.6766	-0.000018		0.0010				0.9990		0.9900
Iodomethane	+++++ 0.3900	+++++ 0.4484	0.2175 0.4709	0.2655 0.4404	0.3139	QuaF		0.4834	-0.000085						1.0000		0.9900
Isopropyl alcohol	+++++ 0.3261	+++++ 0.5082	0.9587 1.0224	0.4375 0.7843	0.3016	Ave		0.6198				48.3	*	20.0			
Carbon disulfide	+++++ 1.0677	+++++ 1.1018	1.0636 1.1390	1.1112 1.0818	1.0902	Ave		1.0936			0.1000	2.4		20.0			
Acetonitrile	+++++ 1.4403	+++++ 1.7033	2.5893 1.8157	1.7507 1.3445	1.3304	QuaF		2.0658	-0.000144						0.9990		0.9900
3-Chloro-1-propene	+++++ 0.1801	+++++ 0.1895	0.2104 0.2074	0.1909 0.1905	0.1966	Ave		0.1951				5.5		20.0			
Methyl acetate	+++++ 0.0889	+++++ 0.0873	0.1949 0.1697	0.0985 0.1869	0.0940	QuaF		0.1464	0.0000408		0.0500				0.9980		0.9900
Cyclopentene	+++++ 0.9012	+++++ 0.8000	0.8931 0.9310	1.0289 0.9866	0.9814	Ave		0.9317				8.2		20.0			
Methylene Chloride	+++++ 0.3162	+++++ 0.3295	0.4696 0.3349	0.4098 0.3214	0.3508	Ave		0.3617			0.1000	15.8		20.0			
2-Methyl-2-propanol	+++++ 1.3721	+++++ 1.4009	1.9622 1.3276	1.7650 1.2855	1.5230	Ave		1.5195				16.6		20.0			
Acrylonitrile	0.0858 0.0713	+++++ 0.0775	0.0476 0.0908	0.0538 0.0899	0.0676	QuaF		0.0890	0.0000002						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	+++++ 0.2971	+++++ 0.2959	0.4057 0.3399	0.3621 0.3471	0.3385	Ave		0.3409			0.1000	11.1		20.0			
Methyl tert-butyl ether	+++++ 1.0032	+++++ 1.0784	0.9684 1.0506	1.0009 1.0093	1.1634	Ave		1.0392			0.1000	6.3		20.0			
Hexane	+++++ 0.4272	+++++ 0.4338	0.5195 0.4543	0.3531 0.4404	0.4073	Ave		0.4337				11.6		20.0			
1,1-Dichloroethane	+++++ 0.5495	+++++ 0.5331	0.5963 0.5992	0.6096 0.5893	0.5883	Ave		0.5807			0.2000	4.9		20.0			
Vinyl acetate	+++++ 0.5902	+++++ 0.4997	0.4450 0.6684	0.5893 0.6821	0.5124	Ave		0.5696				15.5		20.0			
Isopropyl ether	+++++ 1.1928	+++++ 1.1904	1.1569 1.2207	1.1493 1.1750	1.2249	Ave		1.1871				2.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3014	+++++ 0.3050	0.3298 0.3055	0.3584 0.3034	0.3121	Ave		0.3165				6.6		20.0			
Tert-butyl ethyl ether	+++++ 1.1358	+++++ 1.1502	1.1452 1.1762	1.2209 1.1600	1.1828	Ave		1.1673				2.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.2916	+++++ 0.2799	0.3243 0.3292	0.3403 0.3364	0.3208	Ave		0.3175			0.1000	7.2		20.0			
2,2-Dichloropropane	+++++ 0.1014	+++++ 0.1039	0.0864 0.1061	0.1306 0.1066	0.1252	Ave		0.1086				13.7		20.0			
Methyl Ethyl Ketone	+++++ 0.2865	+++++ 0.3080	0.4065 0.3092	0.2771 0.3128	0.3226	Ave		0.3175			0.0100	13.3		20.0			
Propionitrile	+++++ 1.5658	+++++ 2.0016	1.2754 +++++	1.4213 +++++	1.3385	Ave		1.5205				19.1		20.0			
Ethyl acetate	+++++ 2.9435	+++++ 3.1034	3.4575 3.2375	3.2727 3.2668	3.1797	Ave		3.2087				5.0		20.0			
Methyl acrylate	+++++ 0.3246	+++++ 0.3252	0.2818 0.3374	0.3328 0.3428	0.3257	Ave		0.3243				6.2		20.0			
Chlorobromomethane	+++++ 0.1281	+++++ 0.1324	0.1365 0.1496	0.1269 0.1501	0.1269	Ave		0.1358				7.5		20.0			
Methacrylonitrile	+++++ 0.1265	+++++ 0.1241	0.1226 0.1319	0.1391 0.1293	0.1409	Ave		0.1306				5.4		20.0			
Tetrahydrofuran	+++++ 0.6212	+++++ 0.5341	0.9059 0.6771	0.7214 0.8226	0.7052	Ave		0.7125				17.3		20.0			
Chloroform	+++++ 0.5287	+++++ 0.5106	0.6115 0.5432	0.5768 0.5544	0.5768	Ave		0.5574			0.2000	6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4769	+++++ 0.4883	0.5061 0.4866	0.5152 0.4832	0.4800	Ave		0.4909			0.1000	2.9		20.0			
Cyclohexane	+++++ 0.4347	+++++ 0.4374	0.5512 0.4669	0.4796 0.4613	0.4379	Ave		0.4670			0.1000	8.8		20.0			
1,1-Dichloropropene	+++++ 0.4720	+++++ 0.4734	0.5117 0.4722	0.5063 0.4736	0.4912	Ave		0.4858				3.6		20.0			
Carbon tetrachloride	+++++ 0.3724	+++++ 0.3914	0.4193 0.4032	0.4018 0.4085	0.3749	Ave		0.3959			0.1000	4.4		20.0			
Isobutyl alcohol	+++++ 0.8387	+++++ 1.0118	0.8288 1.0248	0.7364 0.7755	0.7807	Ave		0.8567				13.5		20.0			
Benzene	+++++ 1.7540	2.2444 1.7705	1.8858 1.7473	1.8053 1.7765	1.8467	Ave		1.8538			0.5000	8.9		20.0			
1,2-Dichloroethane	+++++ 0.4724	0.5470 0.4608	0.5944 0.4816	0.5547 0.4699	0.5150	Ave		0.5120			0.1000	9.6		20.0			
Isopropyl acetate	+++++ 0.1200	+++++ 0.1281	0.1709 0.1361	0.1254 0.1350	0.1309	Ave		0.1352				12.4		20.0			
Isooctane	+++++ 0.7881	+++++ 0.8097	0.7912 0.8489	0.7356 0.8357	0.7477	Ave		0.7939				5.3		20.0			
Tert-amyl methyl ether	+++++ 0.9910	+++++ 1.0089	0.9066 1.0416	0.9660 1.0262	0.9980	Ave		0.9912				4.5		20.0			
n-Heptane	+++++ 0.3641	+++++ 0.3755	0.4151 0.4000	0.2997 0.3818	0.3327	Ave		0.3670				10.8		20.0			
n-Butanol	+++++ 0.5228	+++++ 0.6818	0.6010 0.7332	0.4142 0.5912	0.5091	Ave		0.5791				18.7		20.0			
Trichloroethene	+++++ 0.3136	0.4017 0.3314	0.3619 0.3269	0.4008 0.3304	0.3596	Ave		0.3533			0.2000	9.6		20.0			
Ethyl acrylate	+++++ 0.4610	+++++ 0.4801	0.4191 0.4998	0.4289 0.4906	0.4754	Ave		0.4650				6.6		20.0			
Methylcyclohexane	+++++ 0.4768	+++++ 0.4748	0.5593 0.5178	0.4280 0.5170	0.4182	Ave		0.4846			0.1000	10.5		20.0			
1,2-Dichloropropane	+++++ 0.3619	0.5117 0.3627	0.3972 0.3629	0.4136 0.3503	0.3887	Ave		0.3936			0.1000	13.3		20.0			
Dibromomethane	+++++ 0.1819	+++++ 0.1759	0.2696 0.1853	0.2104 0.1807	0.1959	Ave		0.2000				16.4		20.0			
Methyl methacrylate	+++++ 0.0895	+++++ 0.0915	0.0934 0.0955	0.0812 0.0951	0.0901	Ave		0.0909				5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 1.4642	+++++ 1.3985	1.5736 1.2457	1.3565 1.0951	1.4521	Ave		1.3694				11.5		20.0			
n-Propyl acetate	+++++ 0.5168	+++++ 0.5462	0.5067 0.5753	0.4978 0.5563	0.5502	Ave		0.5356				5.4		20.0			
Bromodichloromethane	+++++ 0.4235	0.5616 0.4306	0.4573 0.4459	0.4412 0.4360	0.4377	Ave		0.4542			0.2000	9.8		20.0			
2-Nitropropane	+++++ 0.1165	+++++ 0.1194	0.1161 0.1272	0.1528 0.1244	0.1238	Ave		0.1257				10.1		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2267	+++++ 0.2386	0.3100 0.2431	0.2396 0.2367	0.2492	Ave		0.2491				11.1		20.0			
Epichlorohydrin	+++++ 0.2503	+++++ 0.2592	0.2794 0.2993	0.2280 0.3056	0.2638	Ave		0.2694				10.2		20.0			
cis-1,3-Dichloropropene	+++++ 0.7418	0.9110 0.7647	0.7758 0.7711	0.7382 0.7711	0.8001	Ave		0.7842			0.2000	7.0		20.0			
methyl isobutyl ketone	+++++ 2.9476	+++++ 3.2626	2.6615 3.4911	2.8850 3.5925	3.0088	Ave		3.1213			0.0500	10.9		20.0			
Toluene	+++++ 1.9256	+++++ 1.9361	2.2125 1.9621	2.1229 1.9554	2.0445	Ave		2.0227			0.4000	5.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.7019	0.9124 0.7159	0.6760 0.7299	0.7727 0.7378	0.7406	Ave		0.7484			0.1000	9.6		20.0			
Ethyl methacrylate	+++++ 0.6140	+++++ 0.6410	0.6614 0.6506	0.6223 0.6409	0.6731	Ave		0.6433				3.2		20.0			
1,1,2-Trichloroethane	+++++ 0.3327	0.3759 0.3282	0.4655 0.3367	0.4065 0.3355	0.3628	Ave		0.3680			0.1000	13.0		20.0			
Tetrachloroethene	+++++ 0.3775	0.6069 0.3944	0.4820 0.4031	0.4171 0.4168	0.3998	Ave		0.4372			0.2000	17.2		20.0			
1,3-Dichloropropane	+++++ 0.7102	+++++ 0.7044	0.7338 0.6974	0.7072 0.6938	0.7810	Ave		0.7183				4.2		20.0			
2-Hexanone	+++++ 2.0658	+++++ 2.2653	1.8202 2.4175	1.8686 2.4540	2.1679	Ave		2.1513			0.0500	11.6		20.0			
Dibromochloromethane	+++++ 0.3726	0.4076 0.3872	0.3762 0.4096	0.4111 0.4241	0.3759	Ave		0.3956			0.1000	5.0		20.0			
n-Butyl acetate	+++++ 0.7807	+++++ 0.7908	0.6154 0.8033	0.8278 0.7823	0.8372	Ave		0.7768				9.6		20.0			
Ethylene Dibromide	+++++ 0.3800	+++++ 0.3932	0.4463 0.3985	0.3860 0.3980	0.4139	Ave		0.4023			0.1000	5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorobenzene	+++++ 1.1529	+++++ 1.1718	1.2693 1.1809	1.1963 1.2147	1.2212	Ave		1.2010			0.5000	3.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3703	+++++ 0.3836	0.3874 0.3871	0.4117 0.4033	0.3965	Ave		0.3914				3.5		20.0			
Ethylbenzene	+++++ 0.6394	+++++ 0.6399	0.6995 0.6471	0.6581 0.6502	0.6783	Ave		0.6589			0.1000	3.4		20.0			
m-Xylene & p-Xylene	+++++ 0.7580	+++++ 0.7781	0.7558 0.7909	0.7877 0.8017	0.7814	Ave		0.7791			0.1000	2.2		20.0			
o-Xylene	+++++ 0.7542	+++++ 0.7572	0.8374 0.7831	0.7830 0.8022	0.8091	Ave		0.7895			0.3000	3.7		20.0			
Styrene	+++++ 1.2672	+++++ 1.3194	1.2010 1.3773	1.2918 1.4226	1.2740	Ave		1.3076			0.3000	5.6		20.0			
n-Butyl acrylate	+++++ 0.3588	+++++ 0.3766	0.3221 0.3865	0.3403 0.3828	0.3724	Ave		0.3628				6.6		20.0			
Bromoform	+++++ 0.2284	+++++ 0.2418	0.2492 0.2752	0.2679 0.2985	0.2365	Ave		0.2568			0.1000	9.7		20.0			
Amyl acetate (mixed isomers)	+++++ 1.8193	+++++ 1.8407	1.8353 1.8141	1.7866 1.6371	1.9016	Ave		1.8049				4.5		20.0			
Isopropylbenzene	+++++ 1.7121	+++++ 1.7988	1.8581 1.8309	1.7437 1.8591	1.7961	Ave		1.7998			0.1000	3.1		20.0			
Bromobenzene	+++++ 0.9217	+++++ 0.9422	1.0041 0.9149	0.9654 0.8977	0.9881	Ave		0.9477				4.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0708	1.5746 1.0402	1.2278 1.0591	1.0459 1.0123	1.1626	Ave		1.1492			0.3000	16.2		20.0			
1,2,3-Trichloropropane	+++++ 0.8625	+++++ 0.9054	0.8873 0.8479	1.1102 0.8040	0.9789	Ave		0.9137				11.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3909	+++++ 0.4345	0.4842 0.4549	0.4513 0.4296	0.4042	Ave		0.4357				7.3		20.0			
N-Propylbenzene	+++++ 4.2638	+++++ 4.3959	4.2950 4.3652	4.1749 4.1407	4.4151	Ave		4.2929				2.5		20.0			
2-Chlorotoluene	+++++ 2.7924	+++++ 2.8299	2.8727 2.7117	2.8126 2.5592	3.0603	Ave		2.8055				5.4		20.0			
4-Ethyltoluene	+++++ 3.2275	+++++ 3.4026	3.5059 3.4759	3.2928 3.4002	3.2854	Ave		3.3700				3.1		20.0			
4-Chlorotoluene	+++++ 3.1433	+++++ 3.1708	2.9019 3.1442	3.1645 3.0023	3.2975	Ave		3.1178				4.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	+++++ 2.5285	+++++ 2.6683	2.7360 2.6992	2.8210 2.6297	2.7003	Ave		2.6833				3.4		20.0			
Butyl Methacrylate	+++++ 0.9699	+++++ 1.0890	0.7664 1.1519	0.8746 1.1288	1.0023	Ave		0.9976				14.1		20.0			
tert-Butylbenzene	+++++ 2.2915	+++++ 2.4867	2.3482 2.4955	2.2261 2.4628	2.3983	Ave		2.3870				4.3		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4583	+++++ 2.5660	2.4142 2.7090	2.5638 2.6738	2.5623	Ave		2.5639				4.1		20.0			
sec-Butylbenzene	+++++ 3.2888	+++++ 3.5033	2.9995 3.6727	3.2504 3.5623	3.3462	Ave		3.3748				6.7		20.0			
1,3-Dichlorobenzene	+++++ 1.6616	+++++ 1.7233	1.7144 1.7318	1.8160 1.7369	1.7349	Ave		1.7313			0.6000	2.6		20.0			
1,4-Dichlorobenzene	+++++ 1.6477	+++++ 1.7442	1.6443 1.8259	1.7841 1.9013	1.7615	Ave		1.7584			0.5000	5.3		20.0			
4-Isopropyltoluene	+++++ 2.5825	+++++ 2.7767	2.5783 3.1011	2.7294 3.2207	2.5823	Ave		2.7959				9.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.5501	+++++ 2.6552	2.2699 2.7754	2.6348 2.8117	2.6059	Ave		2.6147				6.8		20.0			
Benzyl chloride	+++++ 0.3802	+++++ 0.3961	0.1723 0.4003	0.4122 0.3834	0.4136	QuaF		0.4091	-0.000051						1.0000		0.9900
Indan	+++++ 2.7970	+++++ 2.9236	2.6174 3.0095	2.7453 3.0075	2.9778	Ave		2.8683				5.3		20.0			
1,2-Dichlorobenzene	+++++ 1.5857	+++++ 1.6598	1.6595 1.7120	1.5576 1.7444	1.8051	Ave		1.6749			0.4000	5.2		20.0			
p-Diethylbenzene	+++++ 1.4004	+++++ 1.5619	1.6706 1.7438	1.5077 1.7744	1.3845	Ave		1.5776				10.0		20.0			
n-Butylbenzene	+++++ 1.1913	+++++ 1.2950	1.2886 1.3714	1.2358 1.4036	1.1814	Ave		1.2810				6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3319	+++++ 2.1644	2.9334 1.9592	2.4995 2.0320	2.5192	Ave		2.3485				14.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2052	+++++ 0.2131	0.1957 0.2238	0.2389 0.2285	0.2165	Ave		0.2174			0.0500	6.7		20.0			
1,3,5-Trichlorobenzene	+++++ 0.8370	+++++ 0.8697	0.7634 0.9304	0.8686 0.9926	0.8437	Ave		0.8722				8.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8186	+++++ 0.8400	0.8873 0.8804	0.9317 0.9043	0.8589	Ave		0.8745			0.2000	4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Hexachlorobutadiene	+++++ 0.3201	+++++ 0.3665	0.3937 0.3756	0.3852 0.3900	0.3524	Ave		0.3691				7.0		20.0			
Naphthalene	+++++ 2.2046	+++++ 2.1809	2.4475 2.0922	2.6474 2.0921	2.4301	Ave		2.2992				9.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7602	+++++ 0.7680	0.8160 0.7721	0.8365 0.8542	0.7994	Ave		0.8009				4.5		20.0			
Dibromofluoromethane (Surr)	0.2298 0.2206	0.2264 0.2097	0.2261 0.2318	0.2285 0.2289	0.2292	Ave		0.2257				3.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3429 0.3353	0.3394 0.3156	0.3348 0.3328	0.3485 0.3231	0.3423	Ave		0.3350				3.1		20.0			
Toluene-d8 (Surr)	1.4224 1.4224	1.4211 1.3984	1.4128 1.3936	1.4190 1.3690	1.4313	Ave		1.4100				1.4		20.0			
4-Bromofluorobenzene	0.3838 0.3838	0.3906 0.3874	0.3640 0.3926	0.3829 0.3940	0.3870	Ave		0.3851				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032506/4	O28655.d
Level 2	STD9 460-1032506/3	O28654.d
Level 3	STD05 460-1032506/5	O28656.d
Level 4	STD1 460-1032506/6	O28657.d
Level 5	STD5 460-1032506/7	O28658.d
Level 6	STD20 460-1032506/8	O28659.d
Level 7	STD50 460-1032506/9	O28660.d
Level 8	STD200 460-1032506/10	O28661.d
Level 9	STD500 460-1032506/11	O28662.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 10053	+++++ 26131	288 +++++	507 +++++	2628	+++++ 20.0	+++++ 50.0	0.500 +++++	1.00 +++++	5.00
Dichlorodifluoromethane	FB	Ave	+++++ 67845	+++++ 174361	2391 929217	3176 2632641	17610	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorodifluoromethane	FB	Ave	+++++ 12409	+++++ 30332	323 146659	915 375191	3581	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chloromethane	FB	Ave	+++++ 88846	+++++ 229675	3107 1034899	5815 2709653	23584	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Vinyl chloride	FB	Ave	+++++ 72111	+++++ 186939	2136 819139	4167 2243248	18817	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Butadiene	FB	Ave	1308 67022	+++++ 178569	1519 840009	3165 2288054	15725	0.250 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Bromomethane	FB	Qua2	+++++ 41717	+++++ 122317	1740 585816	2853 +++++	9872	+++++ 20.0	+++++ 50.0	0.500 200	1.00 +++++	5.00
Chloroethane	FB	Ave	+++++ 50571	+++++ 125655	1844 540284	2273 1517798	13013	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dichlorofluoromethane	FB	Ave	+++++ 123689	+++++ 321462	3373 1361584	6659 3690409	32135	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Trichlorofluoromethane	FB	Ave	+++++ 80899	+++++ 218754	2256 1000325	3556 2721629	19208	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Pentane	FB	Ave	+++++ 34772	+++++ 86240	1034 354832	1776 971942	8151	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Ethanol	TBAd9	Ave	+++++ 7112	+++++ 17182	+++++ 69771	587 +++++	1655	+++++ 800	+++++ 2000	+++++ 8000	40.0 +++++	200
Ethyl ether	FB	Lin2	+++++ 54436	+++++ 136793	2365 569504	4272 1576615	15979	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloro-1,1,2-trifluoroethane	FB	QuaF	+++++ 35456	+++++ 92662	795 570938	2110 1606026	10785	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-1,3-butadiene	FB	Ave	+++++	+++++	2212	3341	17134	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			66020	168694	696453	1924904		20.0	50.0	200	500	
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 68295	+++++ 158468	2382 901124	3914 2427634	18623	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrolein	TBAd9	Ave	+++++ 7633	+++++ 20837	448 +++++	1035 +++++	4175	+++++ 40.0	+++++ 100	2.00 +++++	4.00 +++++	20.0
1,1-Dichloroethene	FB	Ave	+++++ 45055	+++++ 122906	1442 604489	2630 1614113	11477	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 54125	+++++ 133078	1702 577048	2506 1609160	12066	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetone	BUT	QuaF	+++++ 50701	+++++ 148034	2291 729844	3163 1761183	12313	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Iodomethane	FB	QuaF	+++++ 73405	+++++ 214147	1042 915553	2517 2376332	14965	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isopropyl alcohol	TBAd9	Ave	+++++ 10887	+++++ 36887	899 291991	886 803636	2907	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Carbon disulfide	FB	Ave	+++++ 200982	+++++ 526266	5096 2214700	10535 5836817	51972	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetonitrile	TBAd9	QuaF	+++++ 48088	+++++ 123622	2428 518536	3545 1377705	12822	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
3-Chloro-1-propene	FB	Ave	+++++ 33892	+++++ 90514	1008 403255	1810 1028082	9374	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl acetate	FB	QuaF	+++++ 33460	+++++ 83375	1868 659949	1867 2016733	8961	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Cyclopentene	FB	Ave	+++++ 169628	+++++ 382126	4279 1810292	9754 5323250	46788	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylene Chloride	FB	Ave	+++++ 59525	+++++ 157375	2250 651253	3885 1734003	16722	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-2-propanol	TBAd9	Ave	+++++ 45811	+++++ 101676	1840 379154	3574 1317267	14678	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Acrylonitrile	FB	QuaF	1673 134198	+++++ 369987	2283 1765896	5103 4851633	32204	2.00 200	+++++ 500	5.00 2000	10.0 5000	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 55928	+++++ 141310	1944 660999	3433 1872603	16137	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl tert-butyl ether	FB	Ave	+++++ 188830	+++++ 515091	4640 2042794	9489 5445394	55463	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Hexane	FB	Ave	+++++ 80411	+++++ 207199	2489 883334	3348 2376426	19416	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethane	FB	Ave	+++++ 103431	+++++ 254608	2857 1165210	5779 3179328	28044	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Vinyl acetate	BUT	Ave	+++++	+++++	504	1378	5845	+++++	+++++	1.00	2.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			26340	54178	289455	762088		40.0	100	400	1000	
Isopropyl ether	FB	Ave	+++++ 224527	+++++ 568565	5543 2373544	10896 6339791	58395	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Chloro-1,3-butadiene	FB	Ave	+++++ 56730	+++++ 145693	1580 594026	3398 1636835	14878	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tert-butyl ethyl ether	FB	Ave	+++++ 213793	+++++ 549354	5487 2287058	11575 6258514	56385	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
cis-1,2-Dichloroethene	FB	Ave	+++++ 54884	+++++ 133667	1554 640159	3226 1815169	15293	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2,2-Dichloropropane	FB	Ave	+++++ 19089	+++++ 49640	414 206315	1238 575122	5968	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl Ethyl Ketone	BUT	Ave	+++++ 31963	+++++ 83489	1151 334714	1620 873717	9200	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Propionitrile	TBAd9	Ave	+++++ 52281	+++++ 145271	1196 +++++	2878 +++++	12900	+++++ 200	+++++ 500	5.00 +++++	10.0 +++++	50.0
Ethyl acetate	BUT	Ave	+++++ 131360	+++++ 336495	3916 1402073	7653 3649640	36274	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Methyl acrylate	FB	Ave	+++++ 61109	+++++ 155323	1350 655979	3155 1849342	15529	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorobromomethane	FB	Ave	+++++ 24115	+++++ 63261	654 290876	1203 809597	6051	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methacrylonitrile	FB	Ave	+++++ 238189	+++++ 592870	5875 2565359	13190 6974984	67153	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Tetrahydrofuran	BUT	Ave	+++++ 27722	+++++ 57906	1026 293223	1687 919045	8045	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Chloroform	FB	Ave	+++++ 99524	+++++ 243871	2930 1056262	5468 2991076	27497	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1-Trichloroethane	FB	Ave	+++++ 89760	+++++ 233228	2425 946248	4884 2607224	22882	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Cyclohexane	FB	Ave	+++++ 81826	+++++ 208938	2641 907787	4547 2488717	20876	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloropropene	FB	Ave	+++++ 88855	+++++ 226088	2452 918081	4800 2555097	23417	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon tetrachloride	FB	Ave	+++++ 70100	+++++ 186938	2009 784006	3809 2203957	17872	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isobutyl alcohol	TBAd9	Ave	+++++ 70005	+++++ 183585	1943 731683	3728 1986587	18811	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Benzene	CBNZd5	Ave	+++++ 246170	3188 637409	6592 2624381	12431 7285371	63820	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
1,2-Dichloroethane	FB	Ave	+++++	1084	2848	5259	24550	+++++	0.200	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			88927	220082	936548	2535064		20.0	50.0	200	500	
Isopropyl acetate	FB	Ave	+++++ 22590	+++++ 61172	819 264652	1189 728640	6238	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isooctane	FB	Ave	+++++ 148348	+++++ 386755	3791 1650638	6974 4509161	35647	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tert-amyl methyl ether	FB	Ave	+++++ 186549	+++++ 481860	4344 2025253	9158 5536722	47579	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Heptane	FB	Ave	+++++ 68538	+++++ 179346	1989 777749	2841 2059793	15860	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butanol	TBAd9	Ave	+++++ 43641	+++++ 123707	1409 523512	2097 1514433	12267	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Trichloroethene	FB	Ave	+++++ 59023	796 158297	1734 635697	3800 1782445	17141	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl acrylate	FB	Ave	+++++ 86780	+++++ 229317	2008 971914	4066 2647256	22662	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylcyclohexane	FB	Ave	+++++ 89751	+++++ 226802	2680 1006771	4058 2789285	19939	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloropropane	FB	Ave	+++++ 68118	1014 173231	1903 705558	3921 1890193	18528	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Dibromomethane	FB	Ave	+++++ 34242	+++++ 83993	1292 360387	1995 975213	9341	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl methacrylate	FB	Ave	+++++ 33676	+++++ 87419	895 371452	1539 1026236	8591	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
1,4-Dioxane	DXE	Ave	+++++ 16538	+++++ 41551	1083 166793	1895 461174	4150	+++++ 400	+++++ 1000	25.0 4000	50.0 10000	100
n-Propyl acetate	FB	Ave	+++++ 97288	+++++ 260873	2428 1118634	4719 3001500	26228	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Bromodichloromethane	FB	Ave	+++++ 79722	1113 205678	2191 866975	4183 2352599	20864	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
2-Nitropropane	FB	Ave	+++++ 43877	+++++ 114018	1113 494531	2898 1342000	11802	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 42783	+++++ 114229	1489 473738	2277 1280220	11907	+++++ 20.0	+++++ 50.1	0.501 200	1.00 501	5.01
Epichlorohydrin	BUT	Ave	+++++ 111691	+++++ 281016	3164 1296182	5331 3414535	30093	+++++ 400	+++++ 1000	10.0 4000	20.0 10000	100
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 104108	1294 275317	2712 1158122	5083 3162235	27651	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
methyl isobutyl ketone	BUT	Ave	+++++ 328851	+++++ 884401	7536 3779740	16866 10033737	85811	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Toluene	CBNZd5	Ave	+++++ 270246	+++++ 697062	7734 2947004	14618 8019016	70658	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 98509	1296 257737	2363 1096206	5321 3025771	25594	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl methacrylate	CBNZd5	Ave	+++++ 86178	+++++ 230766	2312 977198	4285 2628169	23263	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 46688	534 118169	1627 505746	2799 1375979	12539	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tetrachloroethene	CBNZd5	Ave	+++++ 52977	862 142007	1685 605471	2872 1709137	13816	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
1,3-Dichloropropane	CBNZd5	Ave	+++++ 99674	+++++ 253614	2565 1047474	4870 2845312	26990	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Hexanone	BUT	Ave	+++++ 230473	+++++ 614067	5154 2617388	10924 6854006	61827	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Dibromochloromethane	CBNZd5	Ave	+++++ 52298	579 139419	1315 615250	2831 1739202	12991	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
n-Butyl acetate	CBNZd5	Ave	+++++ 109571	+++++ 284714	2151 1206450	5700 3208197	28934	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylene Dibromide	CBNZd5	Ave	+++++ 53330	+++++ 141559	1560 598504	2658 1632275	14306	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorobenzene	CBNZd5	Ave	+++++ 161802	+++++ 421868	4437 1773660	8238 4981215	42206	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 51974	+++++ 138089	1354 581399	2835 1654043	13702	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylbenzene	CBNZd5	Ave	+++++ 89736	+++++ 230362	2445 971963	4532 2666283	23443	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 106381	+++++ 280153	2642 1187922	5424 3287559	27004	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
o-Xylene	CBNZd5	Ave	+++++	+++++	2927	5392	27961	+++++	+++++	0.500	1.00	5.00

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			105851	272627	1176184	3289794		20.0	50.0	200	500	
Styrene	CBNZd5	Ave	+++++	+++++	4198	8895	44029	+++++	+++++	0.500	1.00	5.00
			177844	475011	2068657	5833891		20.0	50.0	200	500	
n-Butyl acrylate	CBNZd5	Ave	+++++	+++++	1126	2343	12870	+++++	+++++	0.500	1.00	5.00
			50357	135577	580570	1569688		20.0	50.0	200	500	
Bromoform	CBNZd5	Ave	+++++	+++++	871	1845	8173	+++++	+++++	0.500	1.00	5.00
			32057	87042	413348	1223929		20.0	50.0	200	500	
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++	+++++	3142	5946	31607	+++++	+++++	0.500	1.00	5.00
			126489	333613	1447321	3746435		20.0	50.0	200	500	
Isopropylbenzene	CBNZd5	Ave	+++++	+++++	6495	12007	62073	+++++	+++++	0.500	1.00	5.00
			240280	647597	2749970	7623949		20.0	50.0	200	500	
Bromobenzene	DCBd4	Ave	+++++	+++++	1719	3213	16423	+++++	+++++	0.500	1.00	5.00
			64083	170765	729953	2054407		20.0	50.0	200	500	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++	1049	2102	3481	19324	+++++	0.200	0.500	1.00	5.00
			74449	188537	845000	2316550		20.0	50.0	200	500	
1,2,3-Trichloropropane	DCBd4	Ave	+++++	+++++	1519	3695	16270	+++++	+++++	0.500	1.00	5.00
			59966	164097	676477	1839998		20.0	50.0	200	500	
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++	+++++	829	1502	6719	+++++	+++++	0.500	1.00	5.00
			27176	78757	362934	983188		20.0	50.0	200	500	
N-Propylbenzene	DCBd4	Ave	+++++	+++++	7353	13895	73385	+++++	+++++	0.500	1.00	5.00
			296447	796721	3482704	9475958		20.0	50.0	200	500	
2-Chlorotoluene	DCBd4	Ave	+++++	+++++	4918	9361	50866	+++++	+++++	0.500	1.00	5.00
			194145	512893	2163464	5856645		20.0	50.0	200	500	
4-Ethyltoluene	DCBd4	Ave	+++++	+++++	6002	10959	54607	+++++	+++++	0.500	1.00	5.00
			224396	616690	2773159	7781326		20.0	50.0	200	500	
4-Chlorotoluene	DCBd4	Ave	+++++	+++++	4968	10532	54808	+++++	+++++	0.500	1.00	5.00
			218546	574680	2508517	6870730		20.0	50.0	200	500	
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++	+++++	4684	9389	44883	+++++	+++++	0.500	1.00	5.00
			175803	483610	2153547	6018098		20.0	50.0	200	500	
Butyl Methacrylate	DCBd4	Ave	+++++	+++++	1312	2911	16659	+++++	+++++	0.500	1.00	5.00
			67435	197377	919007	2583319		20.0	50.0	200	500	
tert-Butylbenzene	DCBd4	Ave	+++++	+++++	4020	7409	39863	+++++	+++++	0.500	1.00	5.00
			159324	450702	1991011	5635965		20.0	50.0	200	500	
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++	+++++	4133	8533	42589	+++++	+++++	0.500	1.00	5.00
			170921	465061	2161304	6118888		20.0	50.0	200	500	
sec-Butylbenzene	DCBd4	Ave	+++++	+++++	5135	10818	55619	+++++	+++++	0.500	1.00	5.00
			228662	634955	2930252	8152256		20.0	50.0	200	500	
1,3-Dichlorobenzene	DCBd4	Ave	+++++	+++++	2935	6044	28837	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-325354-1 Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 Calibration End Date: 04/19/2025 08:17 Calibration ID: 100629

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			115528	312336	1381729	3974756		20.0	50.0	200	500	
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 114559	+++++ 316123	2815 1456761	5938 4351162	29279	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
4-Isopropyltoluene	DCBd4	Ave	+++++ 179557	+++++ 503250	4414 2474201	9084 7370406	42922	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 177300	+++++ 481242	3886 2214290	8769 6434605	43313	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Benzyl chloride	DCBd4	QuaF	+++++ 26432	+++++ 71783	295 319336	1372 877351	6875	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Indan	DCBd4	Ave	+++++ 194468	+++++ 529874	4481 2401052	9137 6882657	49495	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 110251	+++++ 300828	2841 1365861	5184 3992133	30003	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
p-Diethylbenzene	DCBd4	Ave	+++++ 97367	+++++ 283087	2860 1391304	5018 4060692	23012	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butylbenzene	DCBd4	Ave	+++++ 82826	+++++ 234718	2206 1094178	4113 3212168	19637	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 162128	+++++ 392276	5022 1563086	8319 4650116	41873	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 14264	+++++ 38623	335 178581	795 522930	3598	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 58196	+++++ 157633	1307 742285	2891 2271455	14023	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 56917	+++++ 152246	1519 702399	3101 2069580	14276	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Hexachlorobutadiene	DCBd4	Ave	+++++ 22253	+++++ 66420	674 299659	1282 892447	5857	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Naphthalene	DCBd4	Ave	+++++ 153278	+++++ 395272	4190 1669198	8811 4787695	40391	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 52855	+++++ 139189	1397 615992	2784 1954820	13287	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dibromofluoromethane (Surr)	FB	Ave	112081 103820	112141 100161	108344 112700	108303 123527	109245	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	167230 157771	168165 150718	160396 161797	165189 174314	163175	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	494669 499054	504644 503454	493833 523266	488562 561412	494661	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	133462 134652	138713 139491	127248 147431	131843 161591	133735	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-325354-1 | Analy Batch No.: 1032506

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:29 | Calibration End Date: 04/19/2025 08:17 | Calibration ID: 100629

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032506/4	O28655.d
Level 2	STD9 460-1032506/3	O28654.d
Level 3	STD05 460-1032506/5	O28656.d
Level 4	STD1 460-1032506/6	O28657.d
Level 5	STD5 460-1032506/7	O28658.d
Level 6	STD20 460-1032506/8	O28659.d
Level 7	STD50 460-1032506/9	O28660.d
Level 8	STD200 460-1032506/10	O28661.d
Level 9	STD500 460-1032506/11	O28662.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	+++++	-7.7						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Apr-2025 04:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0189580-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:50:44 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: NN6A Date: 24-Apr-2025 17:46:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	202027	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	297945	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	112141	50.0	50.2	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	168165	50.0	50.7	
58 Benzene	78	4.306	4.306	0.000	92	3188	0.2000	0.2421	M
59 1,2-Dichloroethane	62	4.306	4.318	-0.012	36	1084	0.2000	0.2137	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	495430	50.0	50.0	
66 Trichloroethene	95	4.980	4.980	0.000	80	796	0.2000	0.2274	M
69 1,2-Dichloropropane	63	5.220	5.220	0.000	41	1014	0.2000	0.2600	M
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	28762	1000.0	1000.0	
75 Dichlorobromomethane	83	5.539	5.551	-0.012	42	1113	0.2000	0.2473	
79 cis-1,3-Dichloropropene	75	6.087	6.087	0.000	67	1294	0.2000	0.2323	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	504644	50.0	50.4	
83 trans-1,3-Dichloropropene	75	6.829	6.818	0.011	82	1296	0.2000	0.2438	
85 1,1,2-Trichloroethane	83	7.069	7.069	0.000	52	534	0.2000	0.2043	
86 Tetrachloroethene	166	7.252	7.241	0.011	55	862	0.2000	0.2776	
89 Chlorodibromomethane	129	7.583	7.583	0.000	48	579	0.2000	0.2061	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	355104	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	83	138713	50.0	50.7	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.563	0.011	27	1049	0.2000	0.2740	M
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	166552	50.0	50.0	
S 137 Total BTEX	1				0		1.00	0.2421	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260MIX1COMB_00203	Amount Added:	2.00	Units: uL	
GASES Li_00637	Amount Added:	2.00	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	0.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:50:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d

Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12 Operator ID:

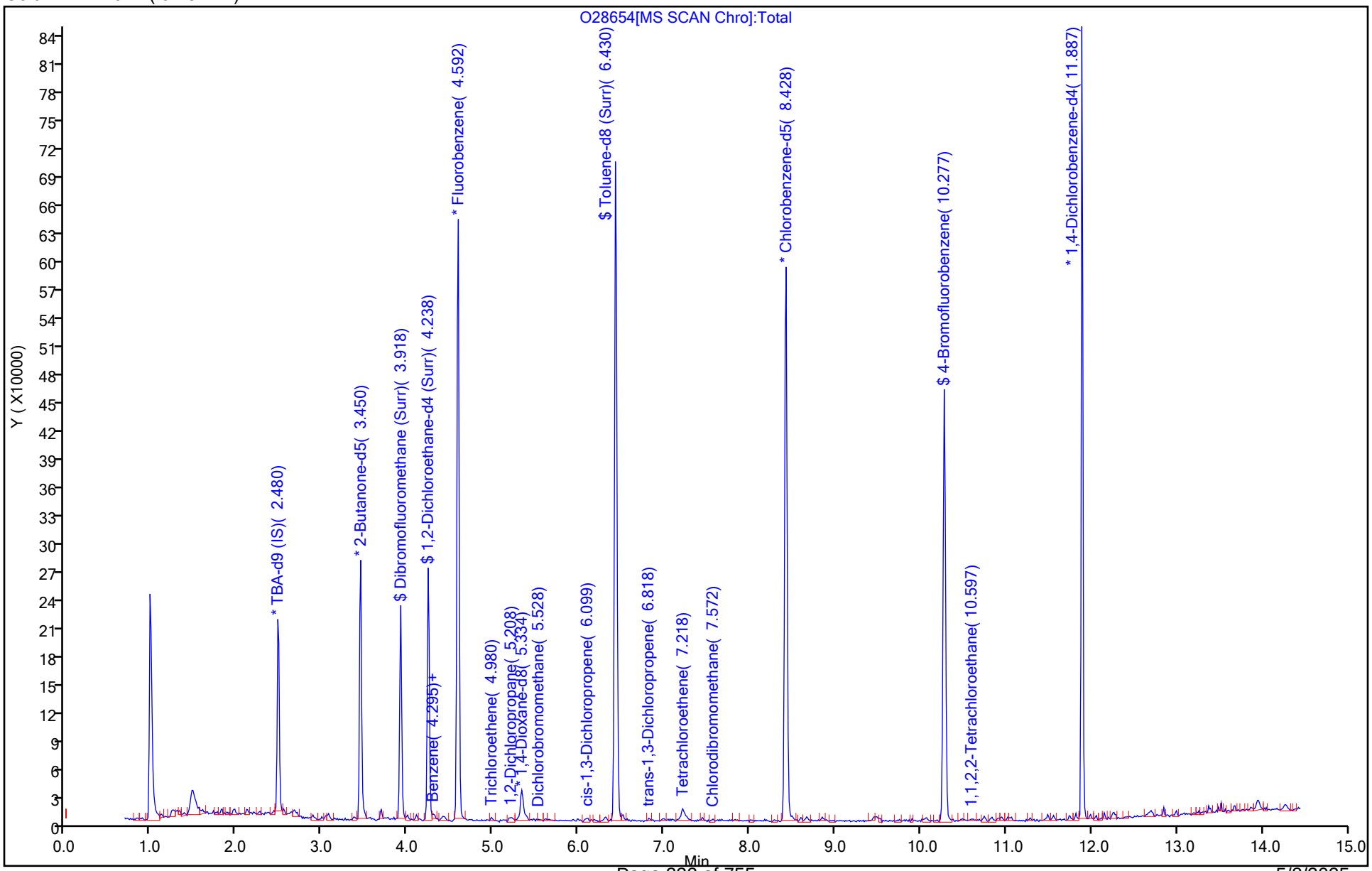
Lims ID: STD9 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

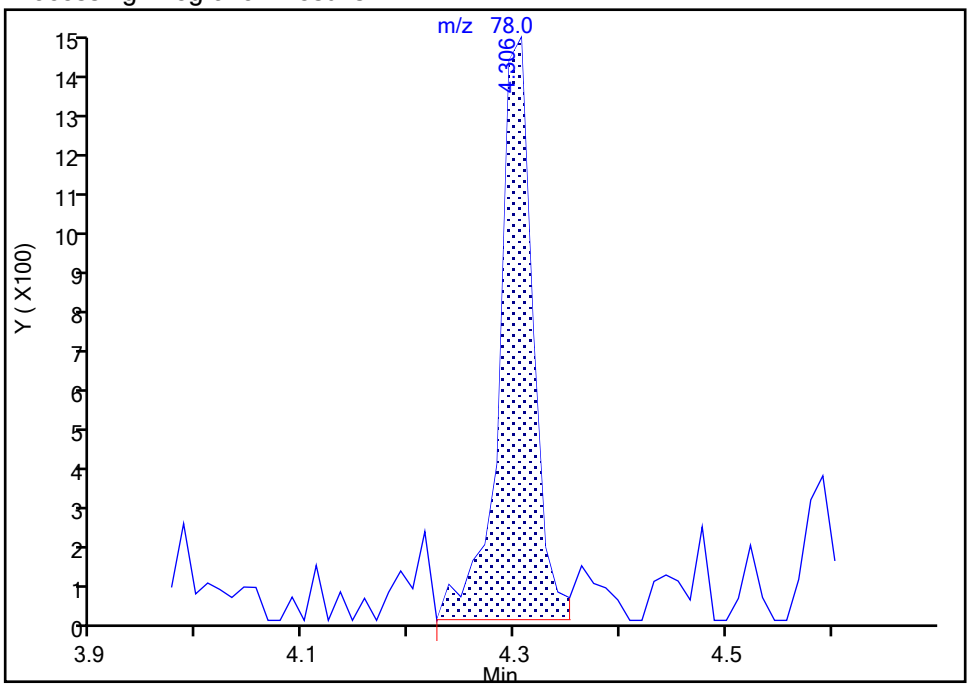
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Benzene, CAS: 71-43-2

Signal: 1

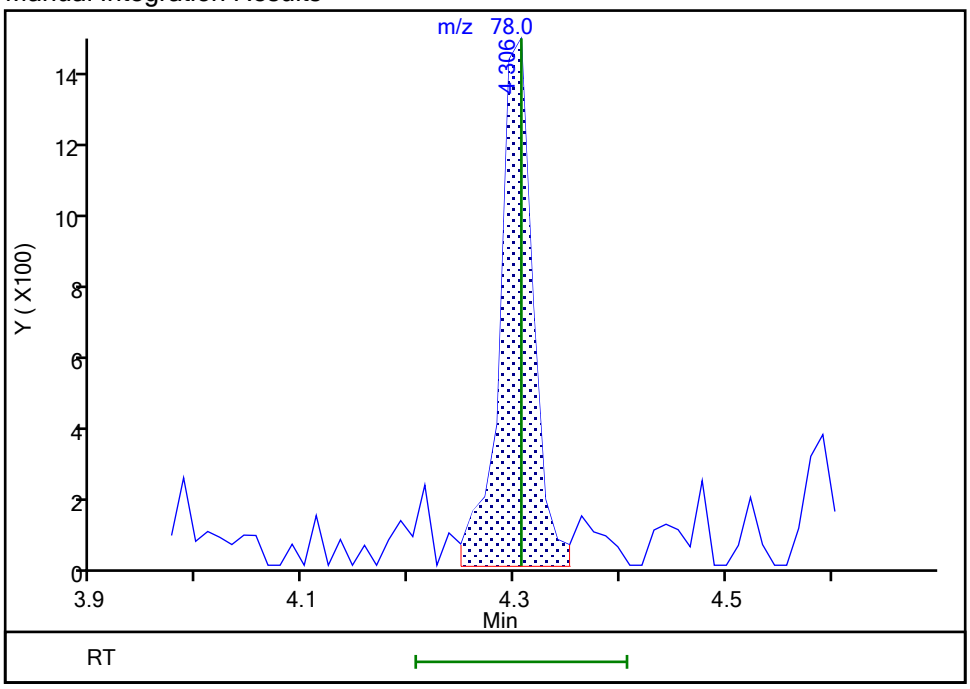
Processing Integration Results

RT: 4.31
Area: 3249
Amount: 0.246565
Amount Units: ug/l



Manual Integration Results

RT: 4.31
Area: 3188
Amount: 0.242140
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:50:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

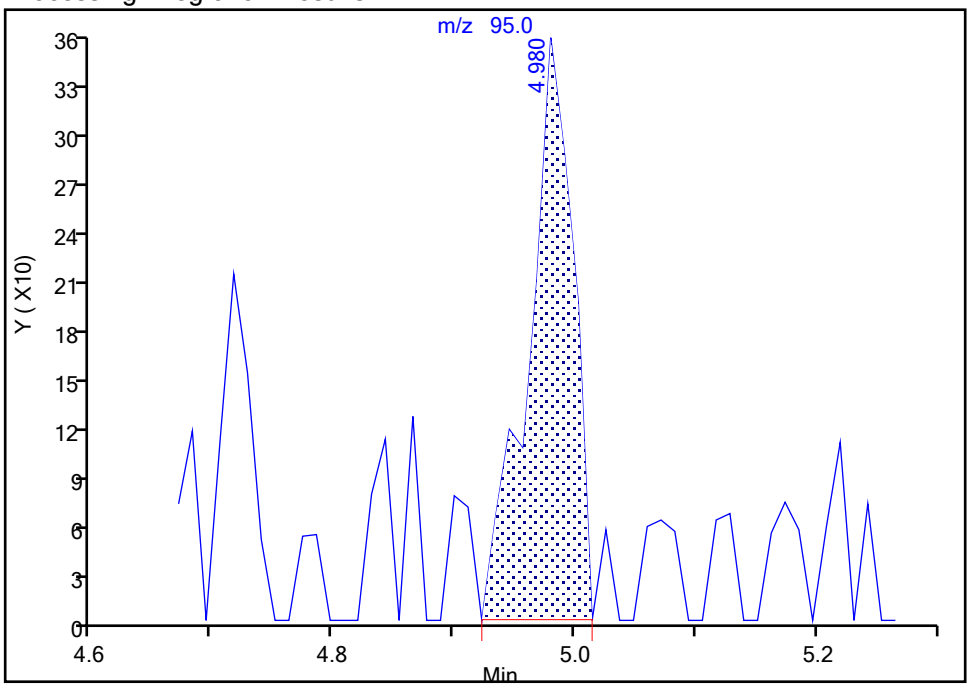
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Trichloroethene, CAS: 79-01-6

Signal: 1

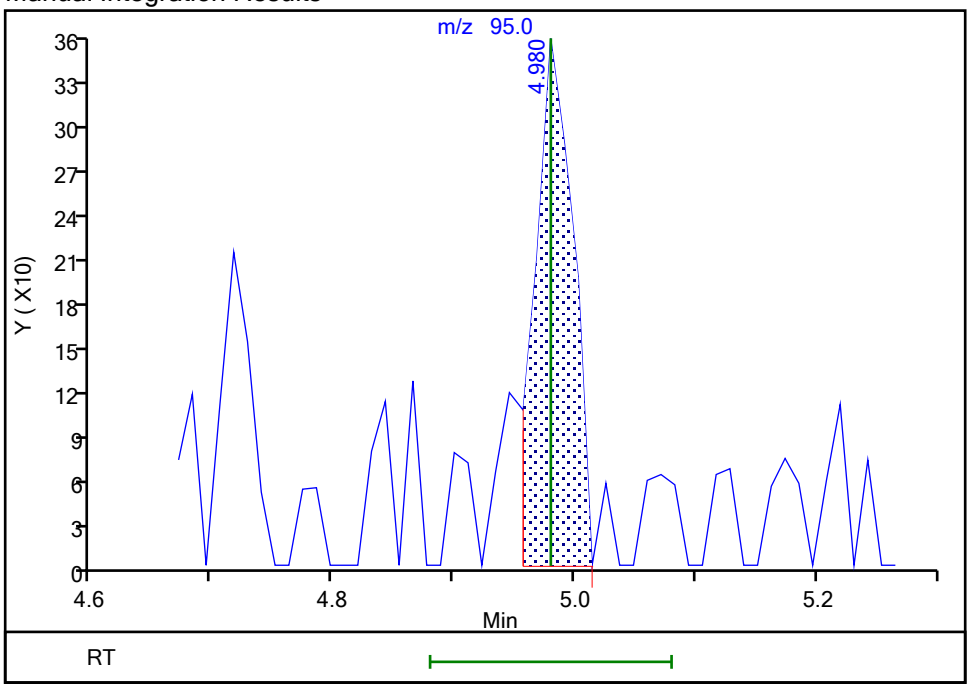
Processing Integration Results

RT: 4.98
Area: 920
Amount: 0.257128
Amount Units: ug/l



Manual Integration Results

RT: 4.98
Area: 796
Amount: 0.227397
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

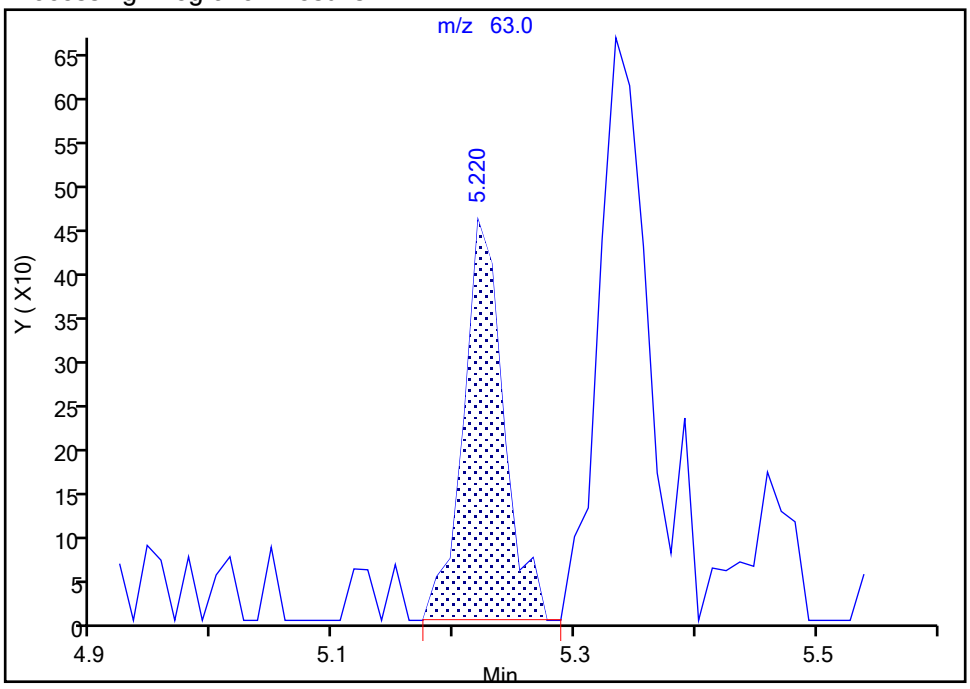
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

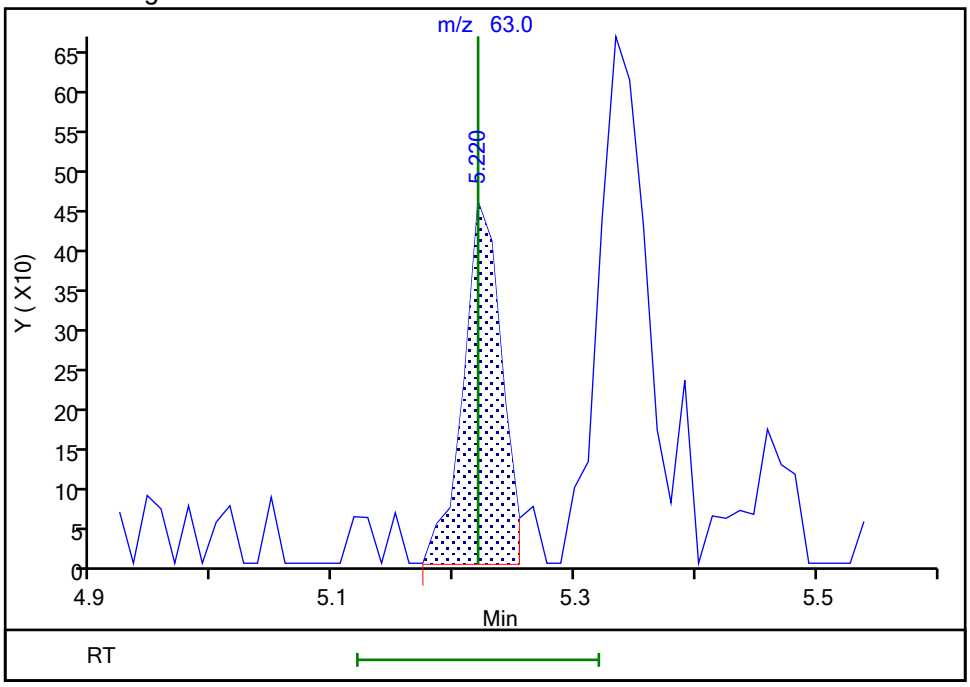
Processing Integration Results

RT: 5.22
Area: 1064
Amount: 0.270687
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 1014
Amount: 0.259995
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:51:09 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

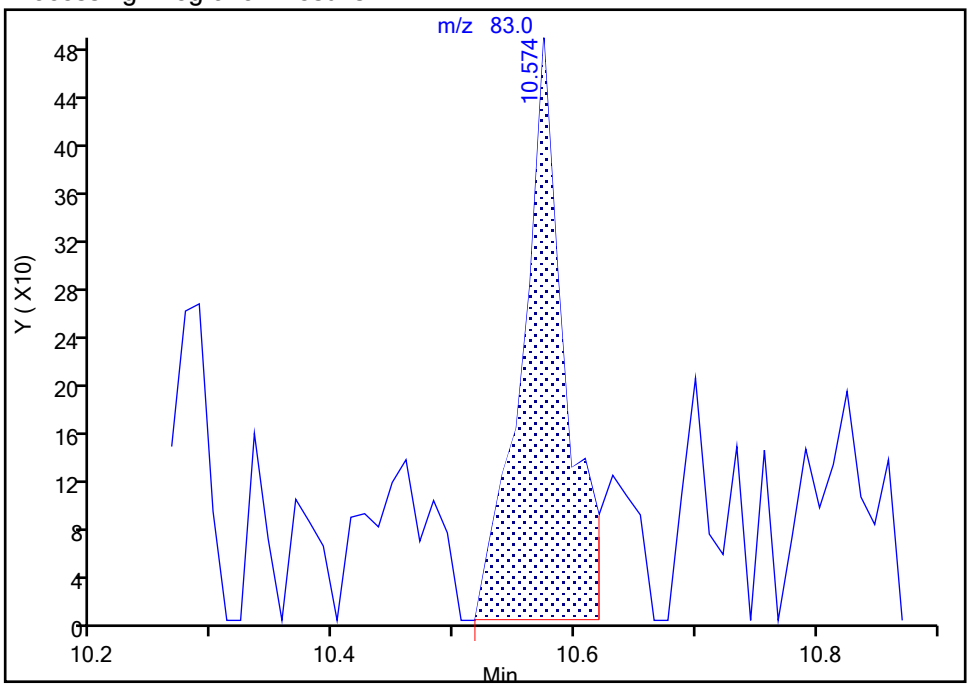
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

105 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

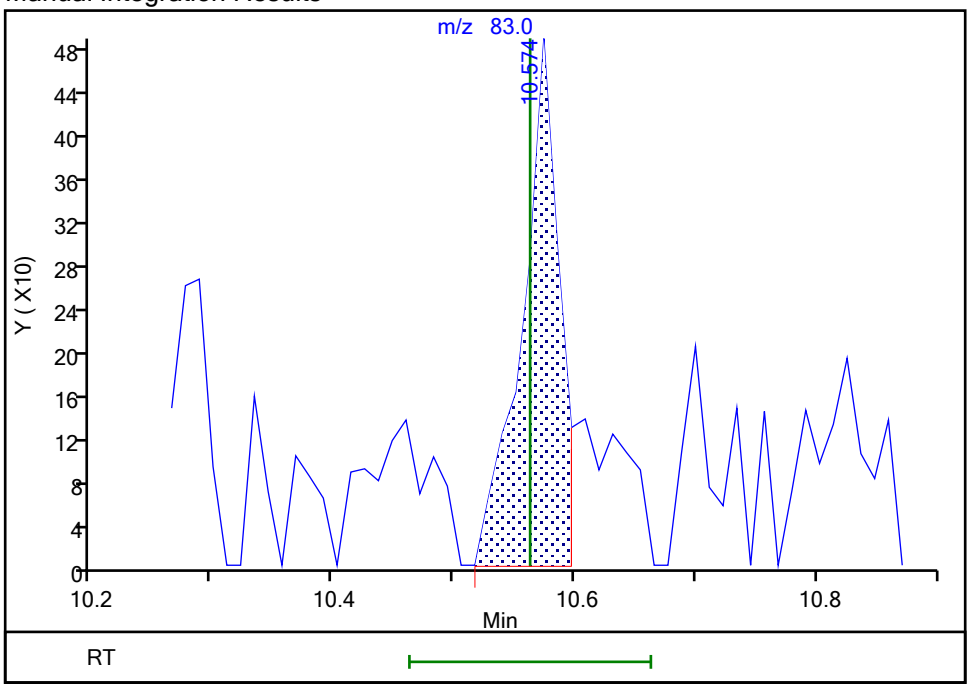
Processing Integration Results

RT: 10.57
Area: 1201
Amount: 0.332528
Amount Units: ug/l



Manual Integration Results

RT: 10.57
Area: 1049
Amount: 0.274039
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:52:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

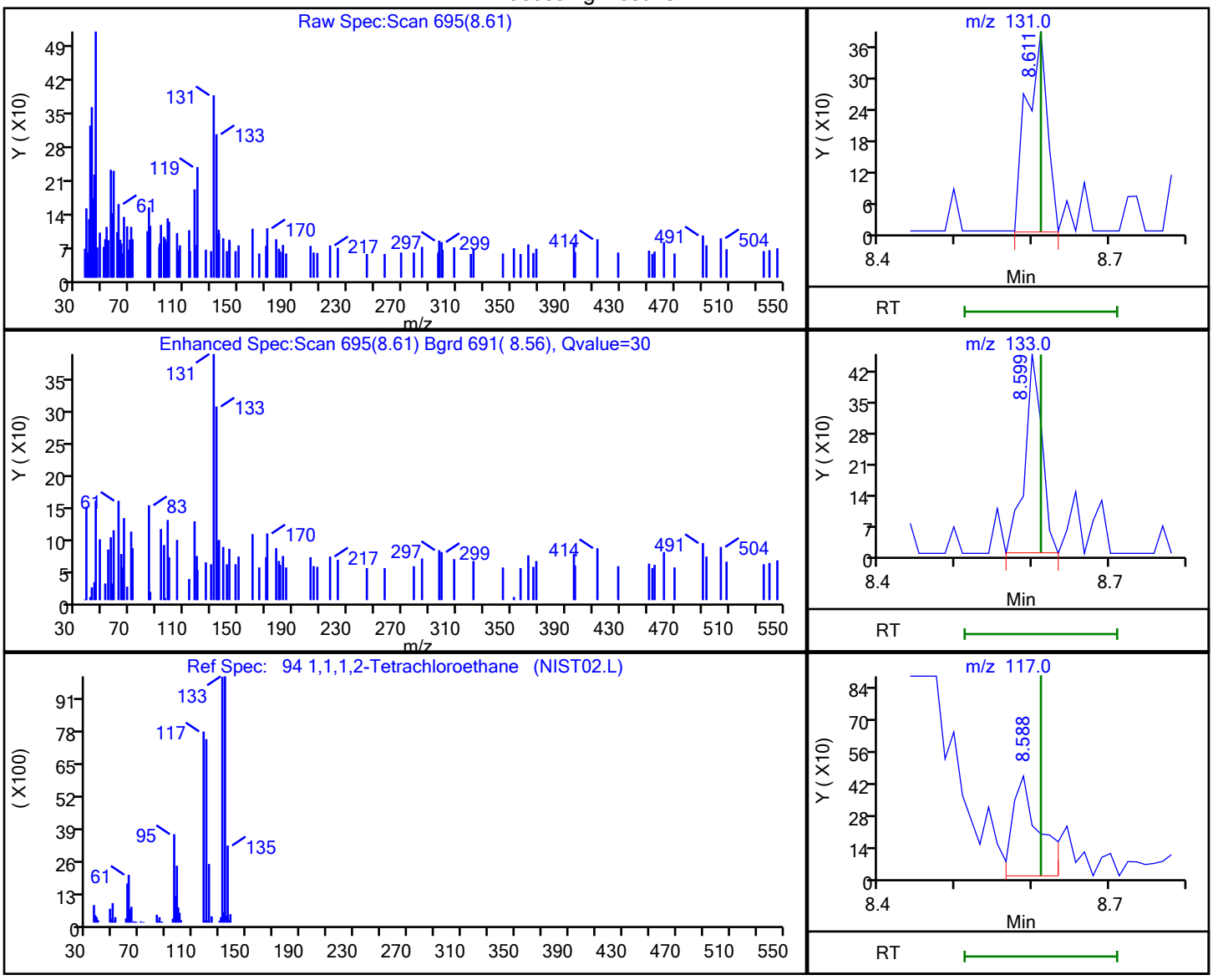
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

94 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
8.61	131.00	711	0.245624
8.60	133.00	716	
8.59	117.00	1084	
8.61	119.00	565	

Reviewer: NN6A, 21-Apr-2025 08:51:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

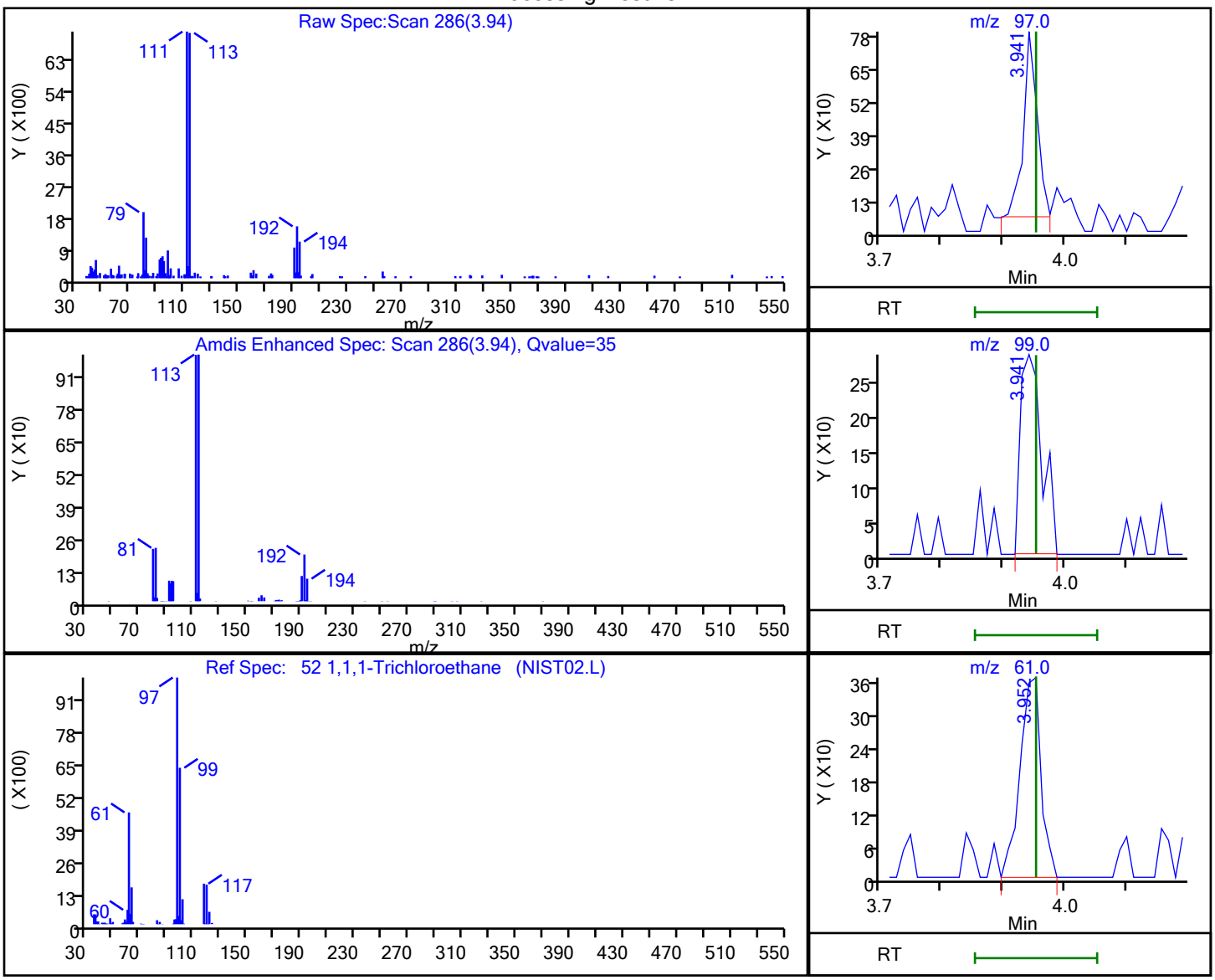
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.94	97.00	1178	0.236114
3.94	99.00	693	
3.95	61.00	882	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

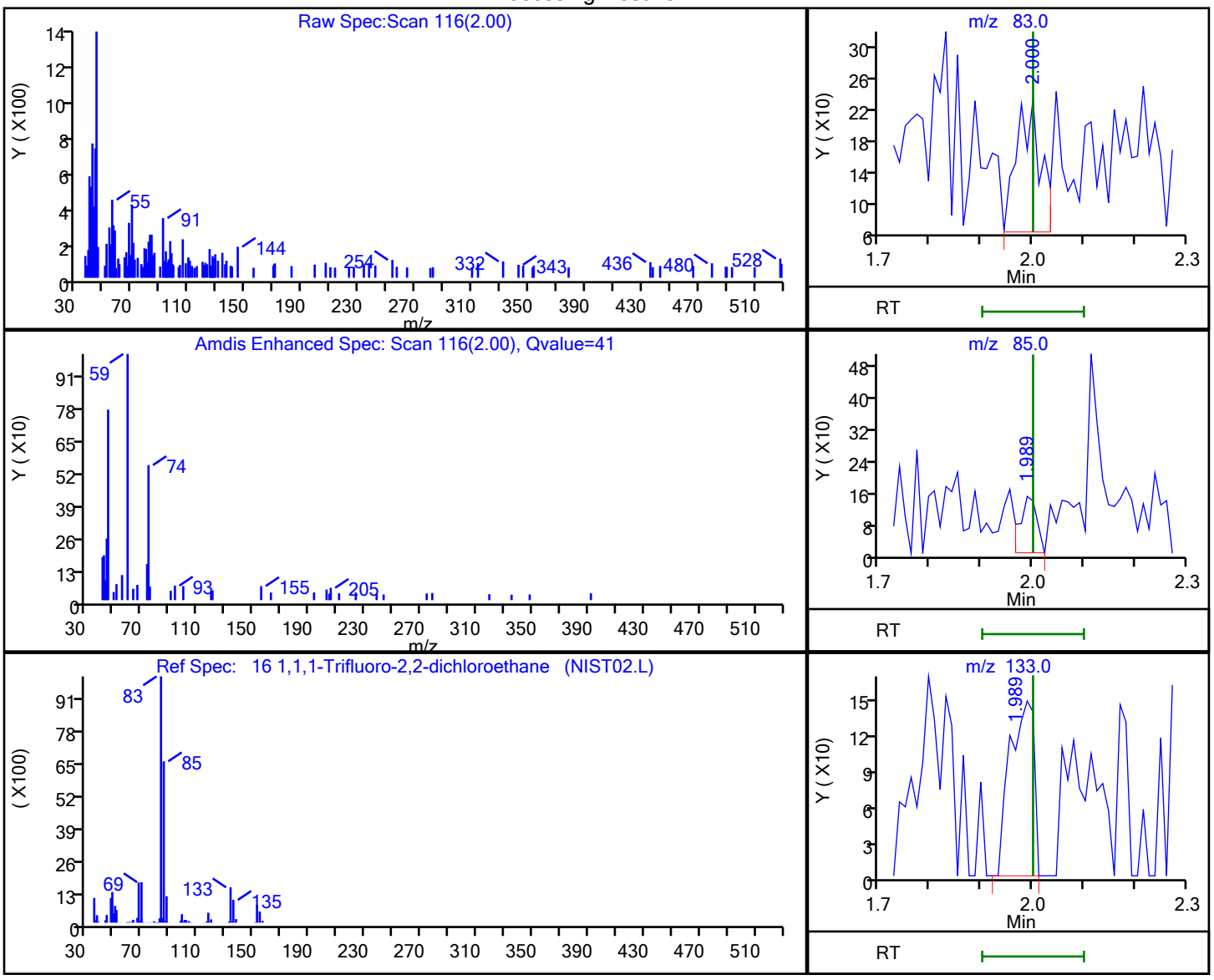
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.00	83.00	553	0.138862
1.99	85.00	338	
1.99	133.00	468	

Reviewer: NN6A, 21-Apr-2025 08:49:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

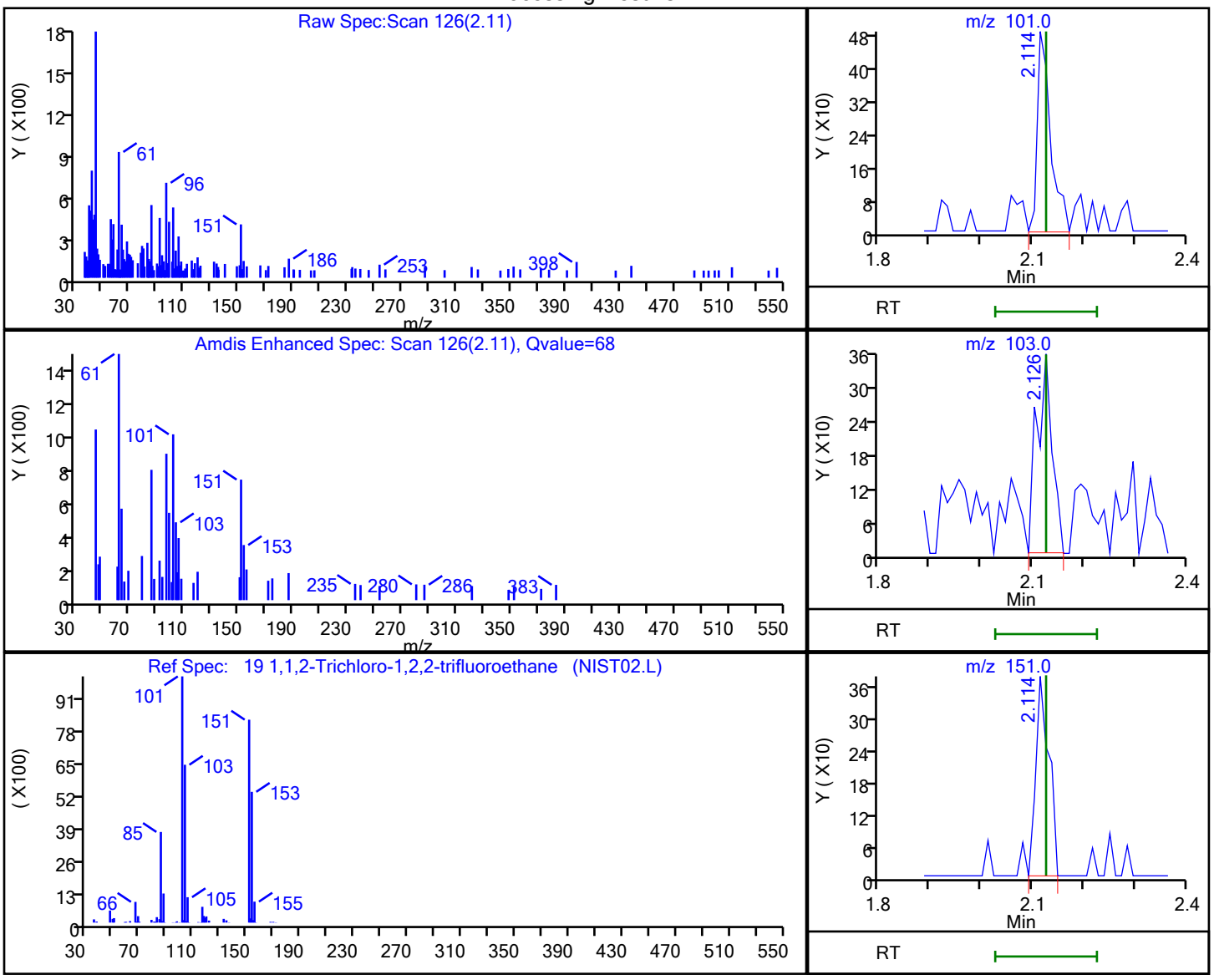
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.11	101.00	884	0.304333
2.13	103.00	745	
2.11	151.00	664	
2.11	85.00	677	

Reviewer: NN6A, 21-Apr-2025 08:49:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

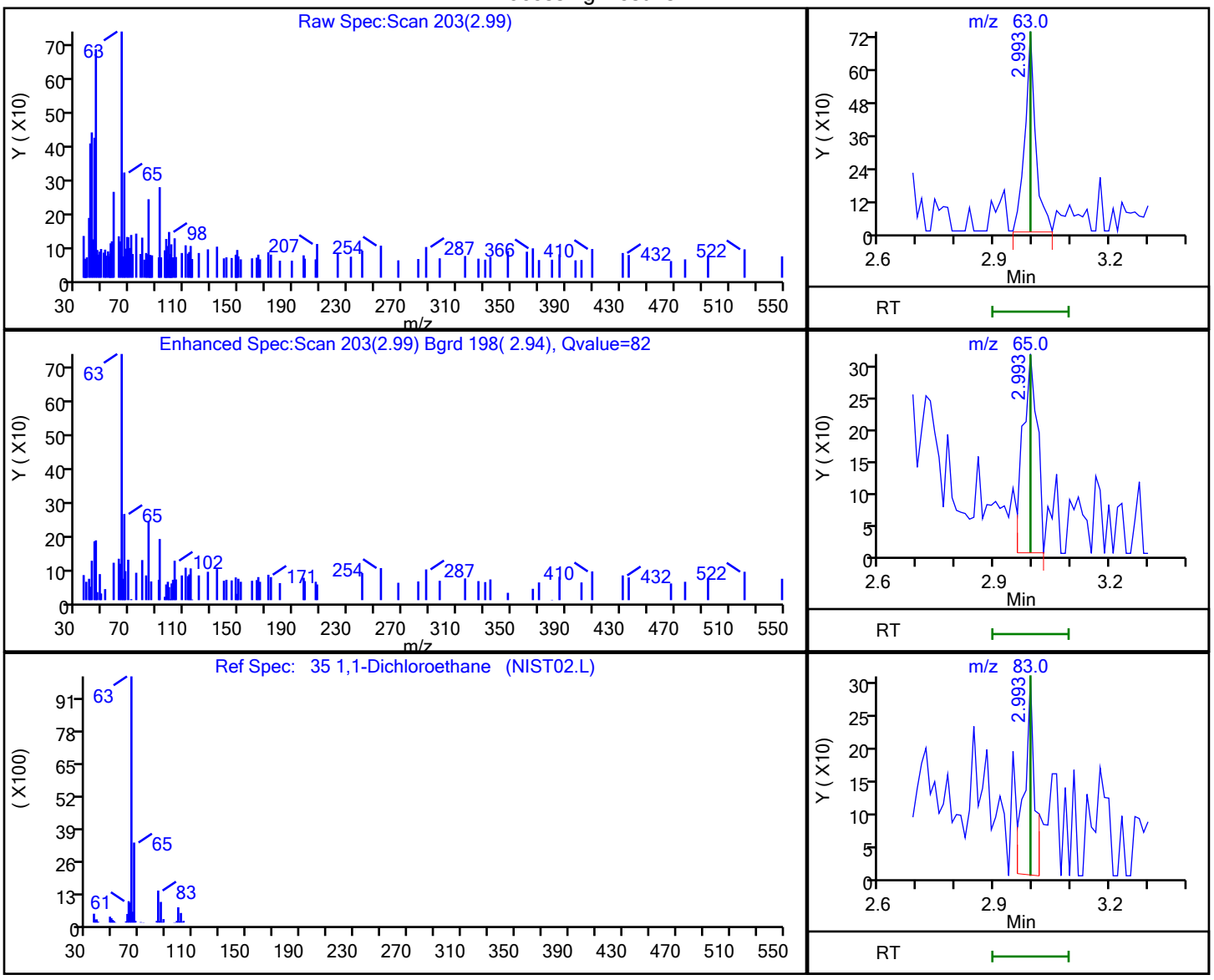
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.99	63.00	1418	0.239401
2.99	65.00	823	
2.99	83.00	551	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

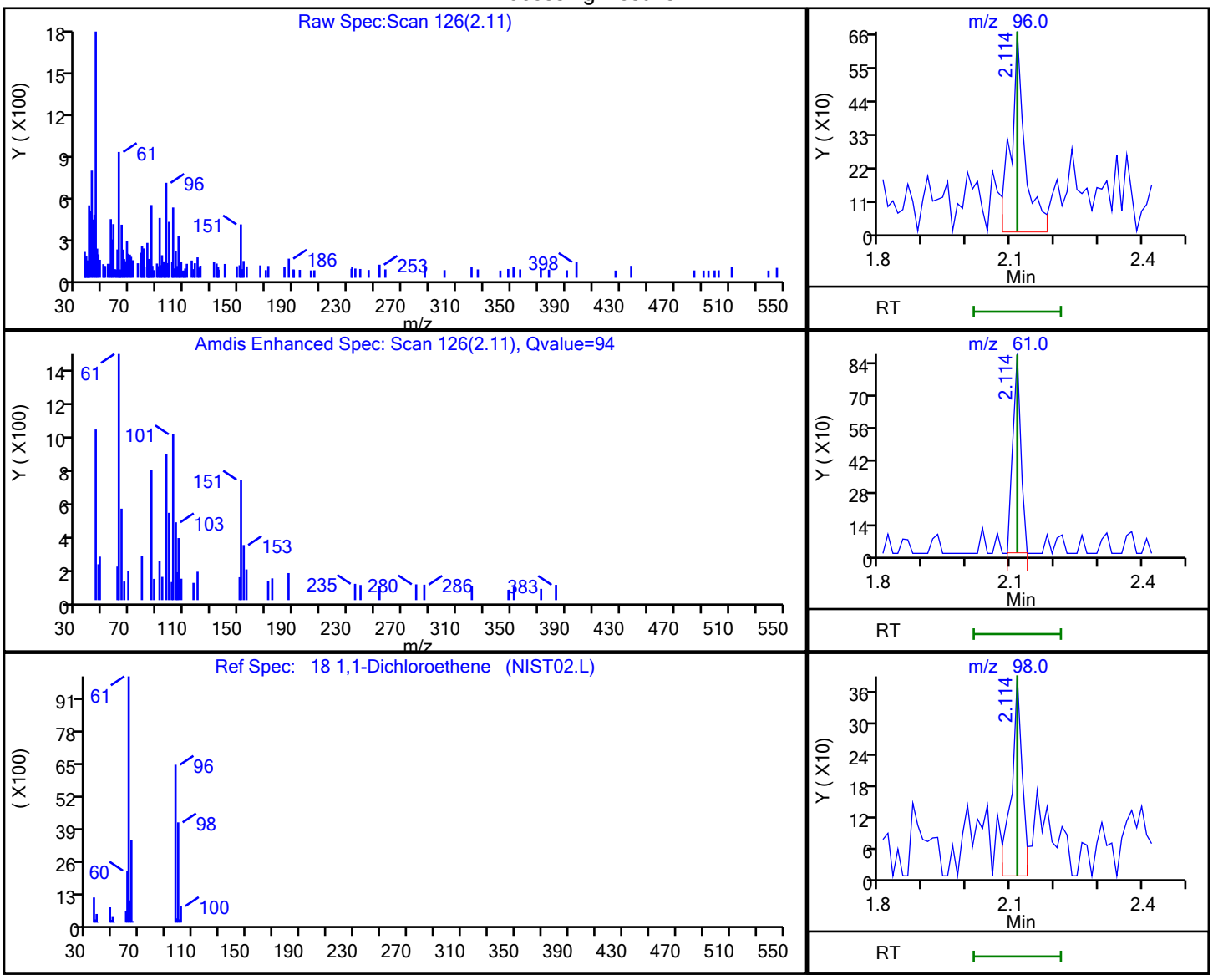
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.11	96.00	1467	0.479705
2.11	61.00	1123	
2.11	98.00	669	
2.11	63.00	619	

Reviewer: NN6A, 21-Apr-2025 08:49:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

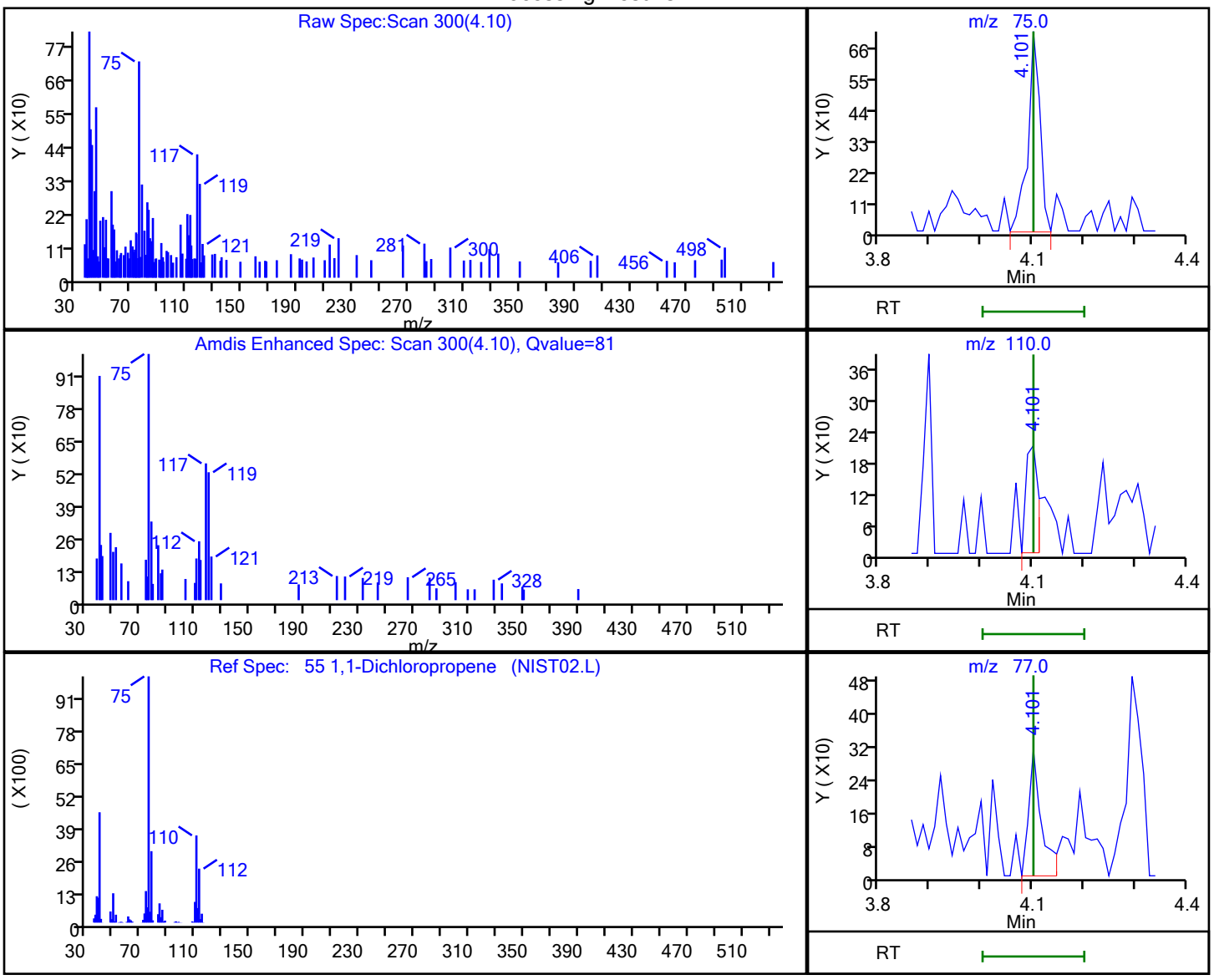
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.10	75.00	1181	0.239434
4.10	110.00	351	
4.10	77.00	538	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

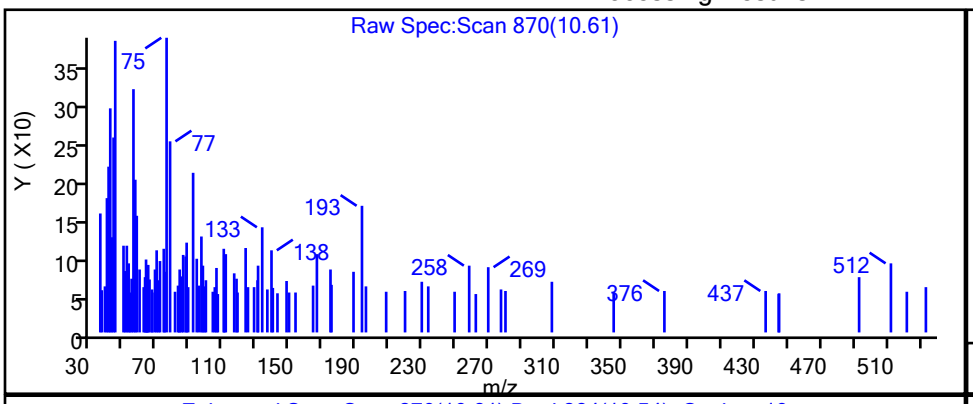
User Disabled Compound Report

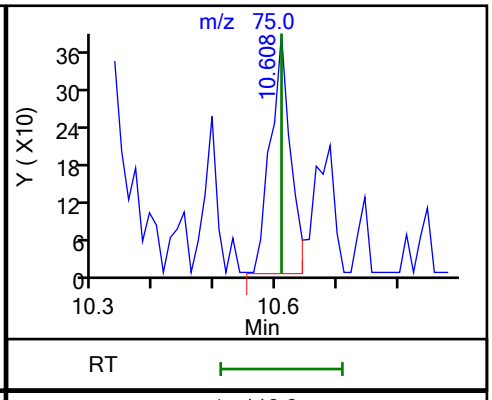
Eurofins Edison

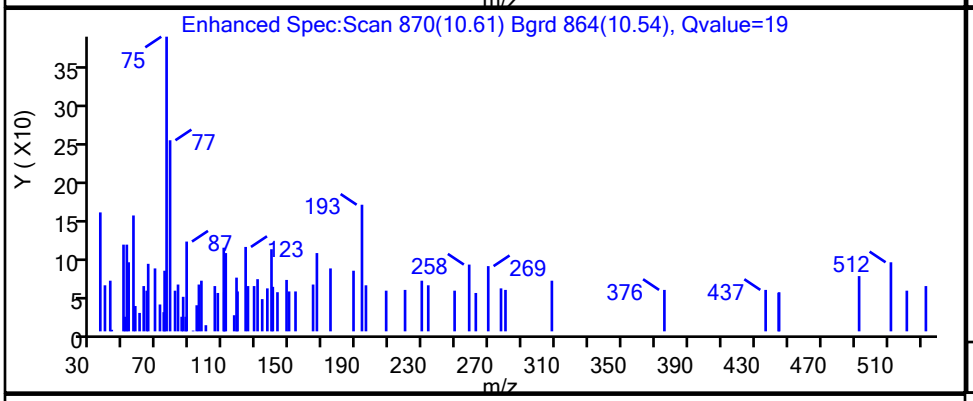
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

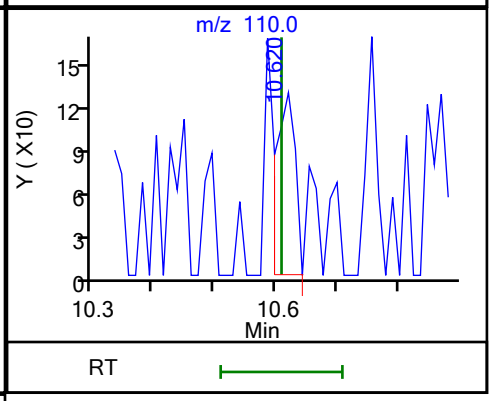
106 1,2,3-Trichloropropane, CAS: 96-18-4

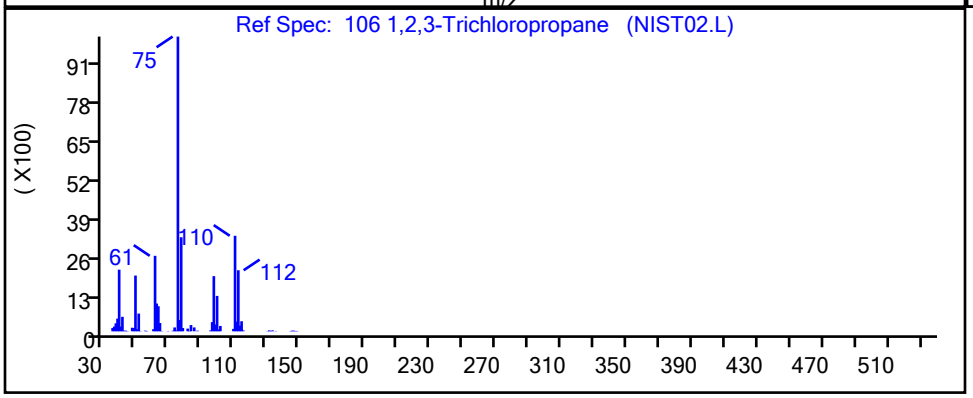
Processing Results











RT	Mass	Response	Amount
10.61	75.00	869	0.268029
10.62	110.00	269	

Reviewer: NN6A, 21-Apr-2025 08:52:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

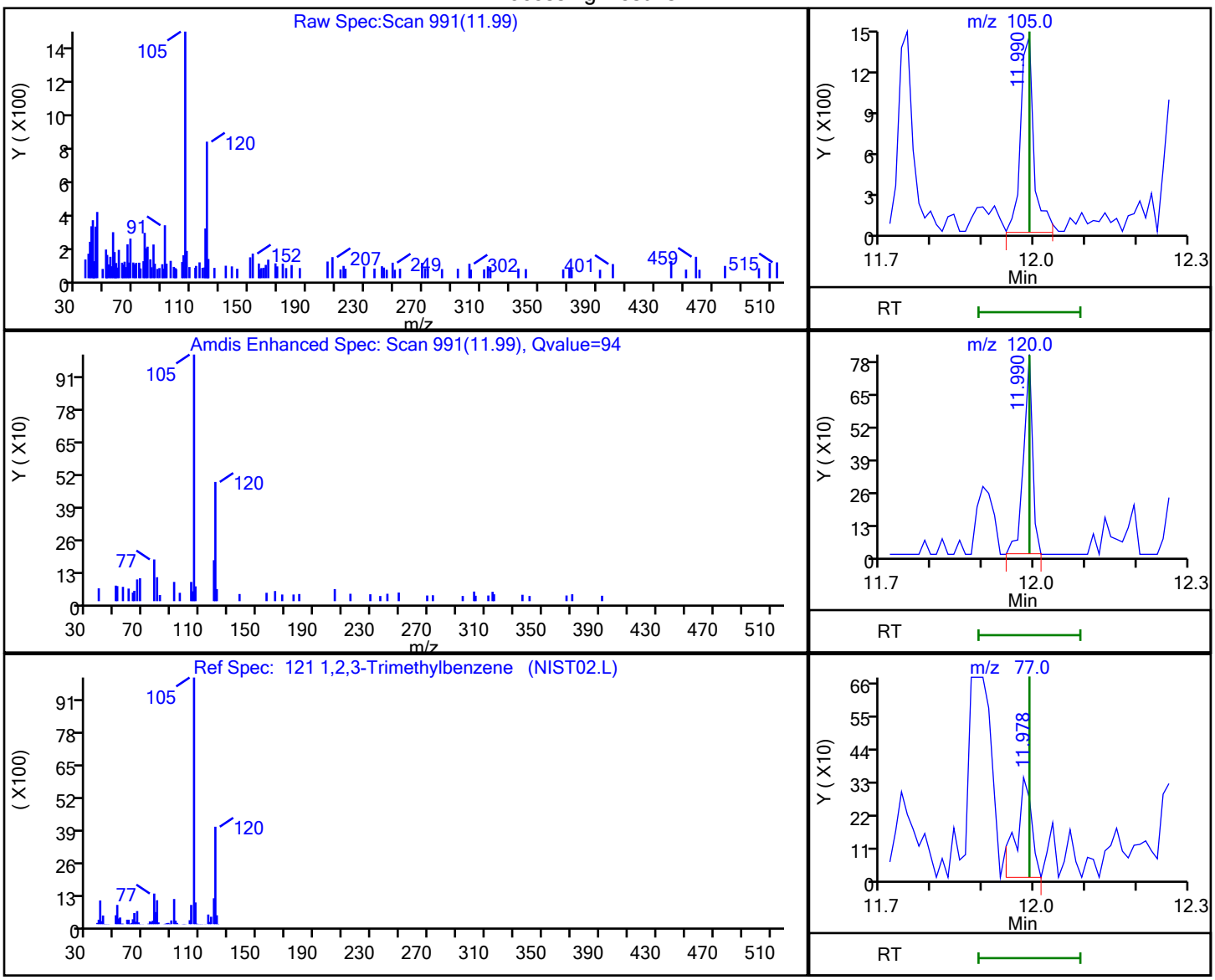
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.99	105.00	2611	0.275000
11.99	120.00	988	
11.98	77.00	713	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

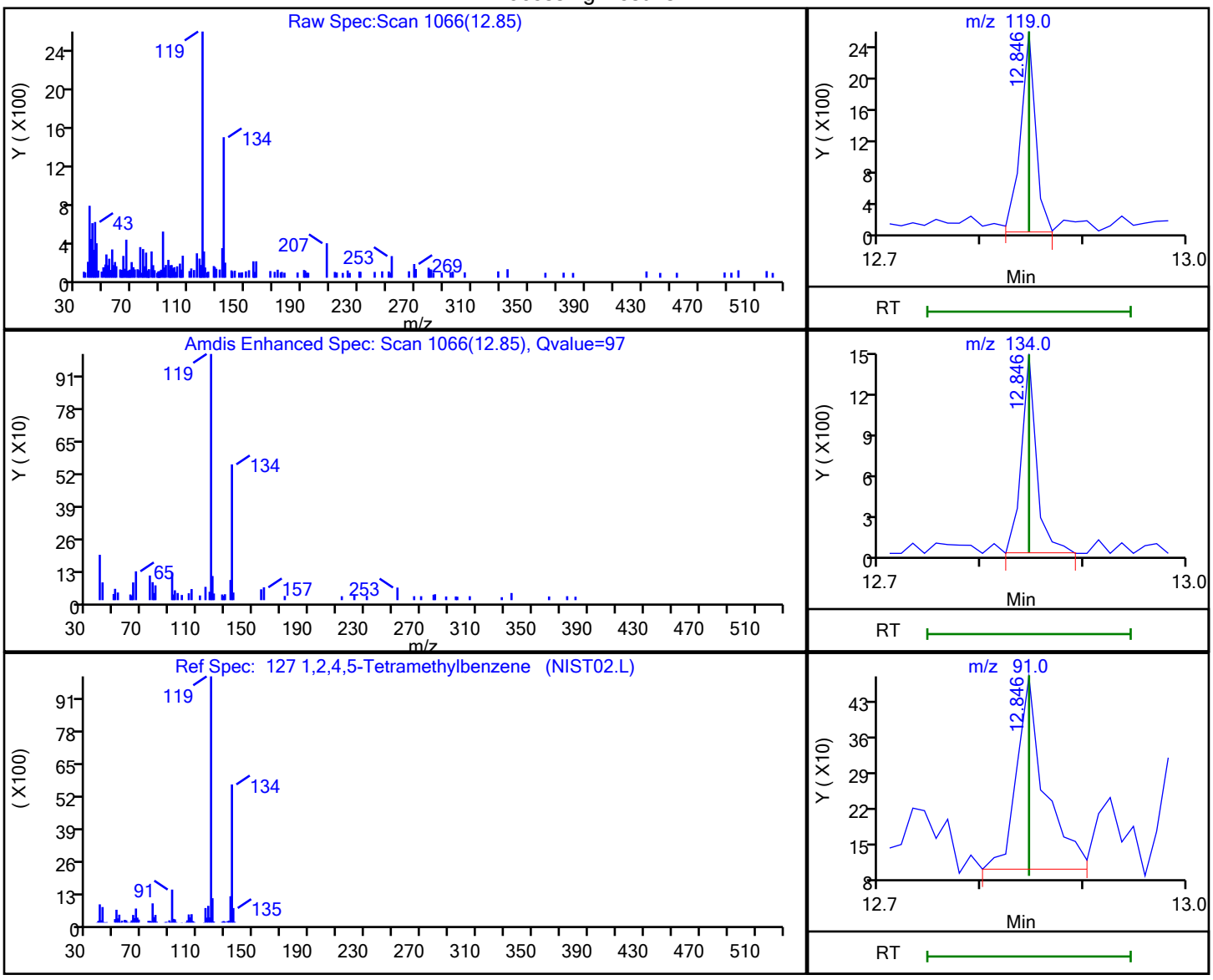
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.85	119.00	2576	0.395715
12.85	134.00	1495	
12.85	91.00	734	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

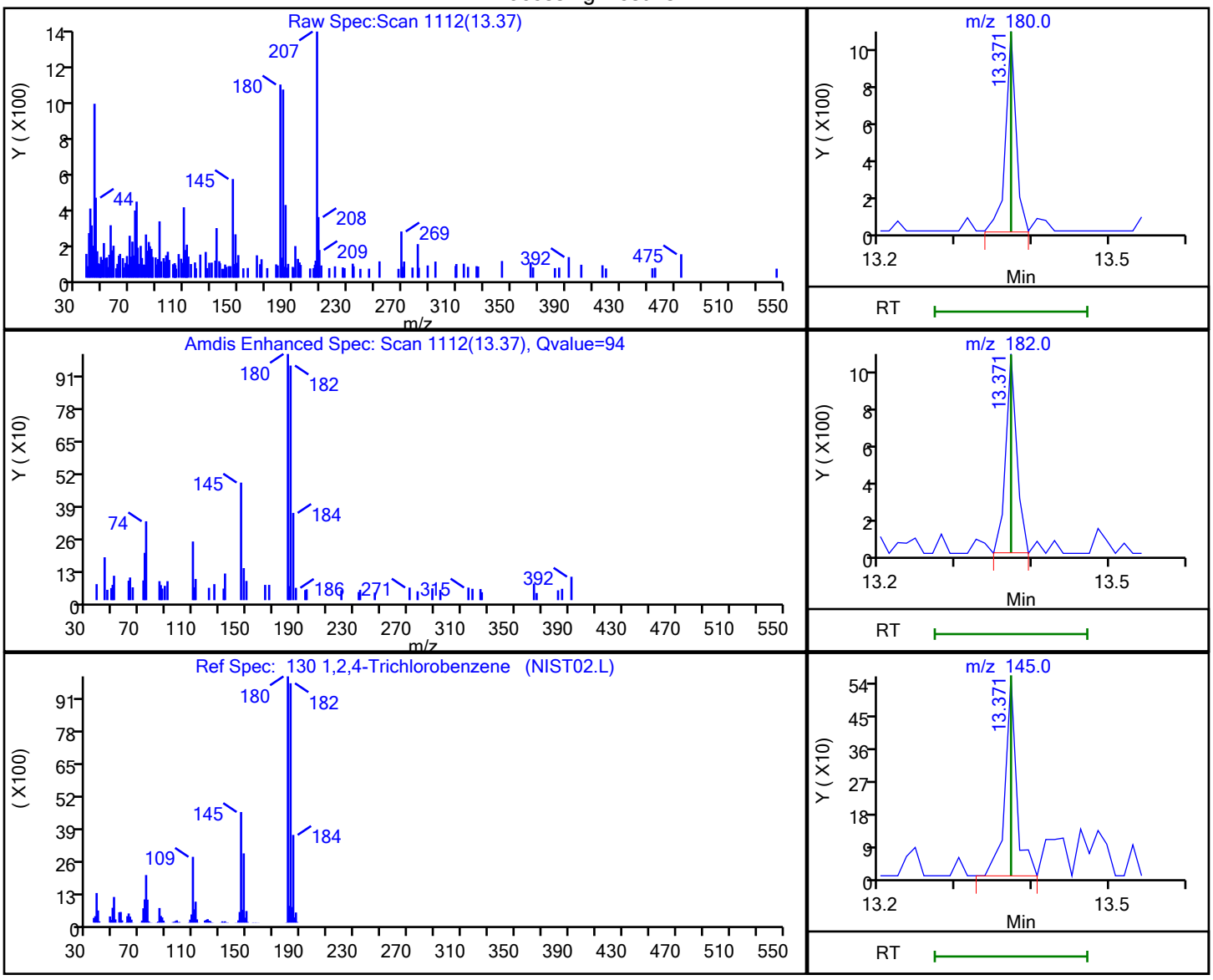
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.37	180.00	1028	0.359077
13.37	182.00	1066	
13.37	145.00	580	

Reviewer: NN6A, 21-Apr-2025 08:52:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

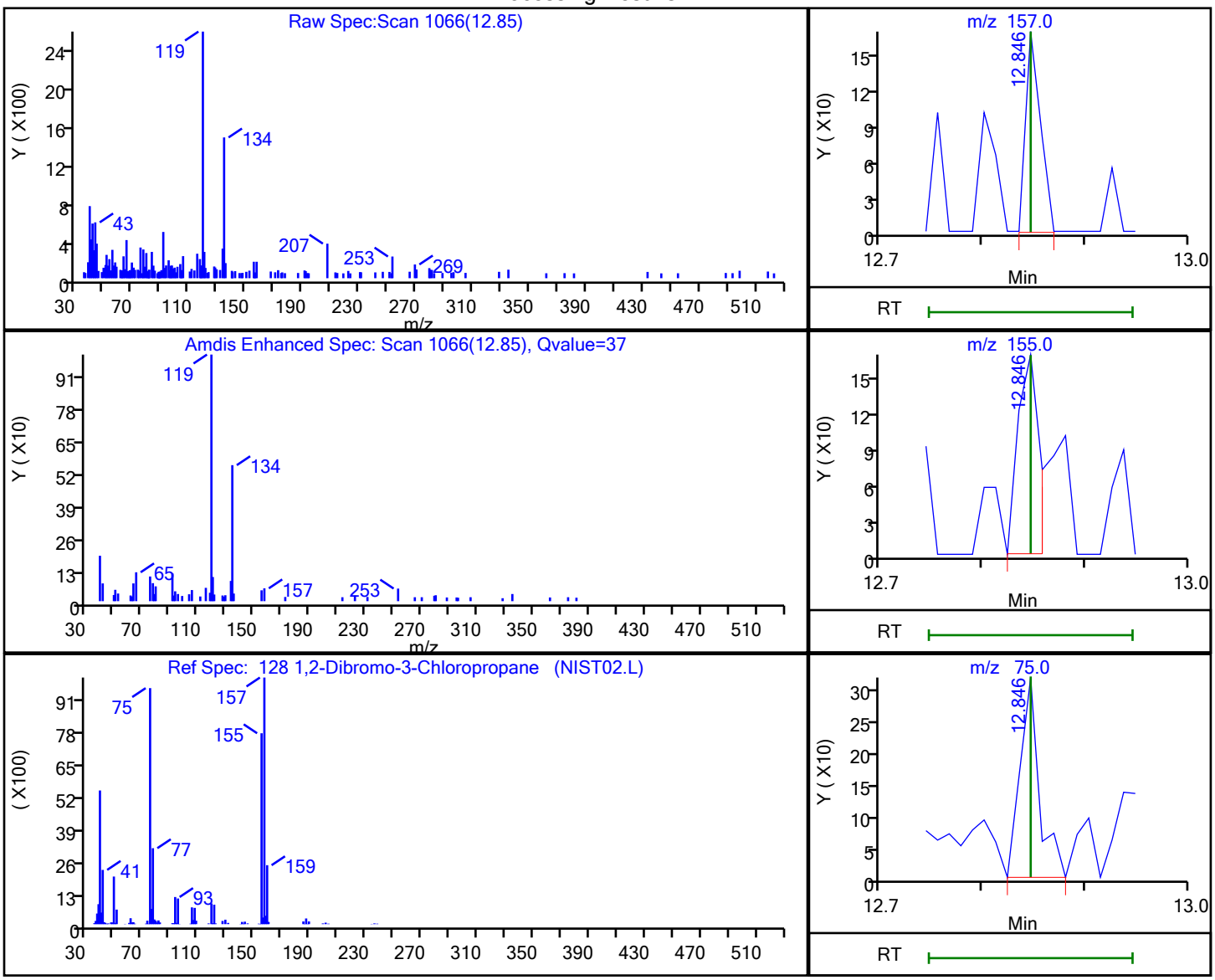
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
12.85	157.00	171	0.227060
12.85	155.00	250	
12.85	75.00	414	

Reviewer: NN6A, 21-Apr-2025 08:52:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

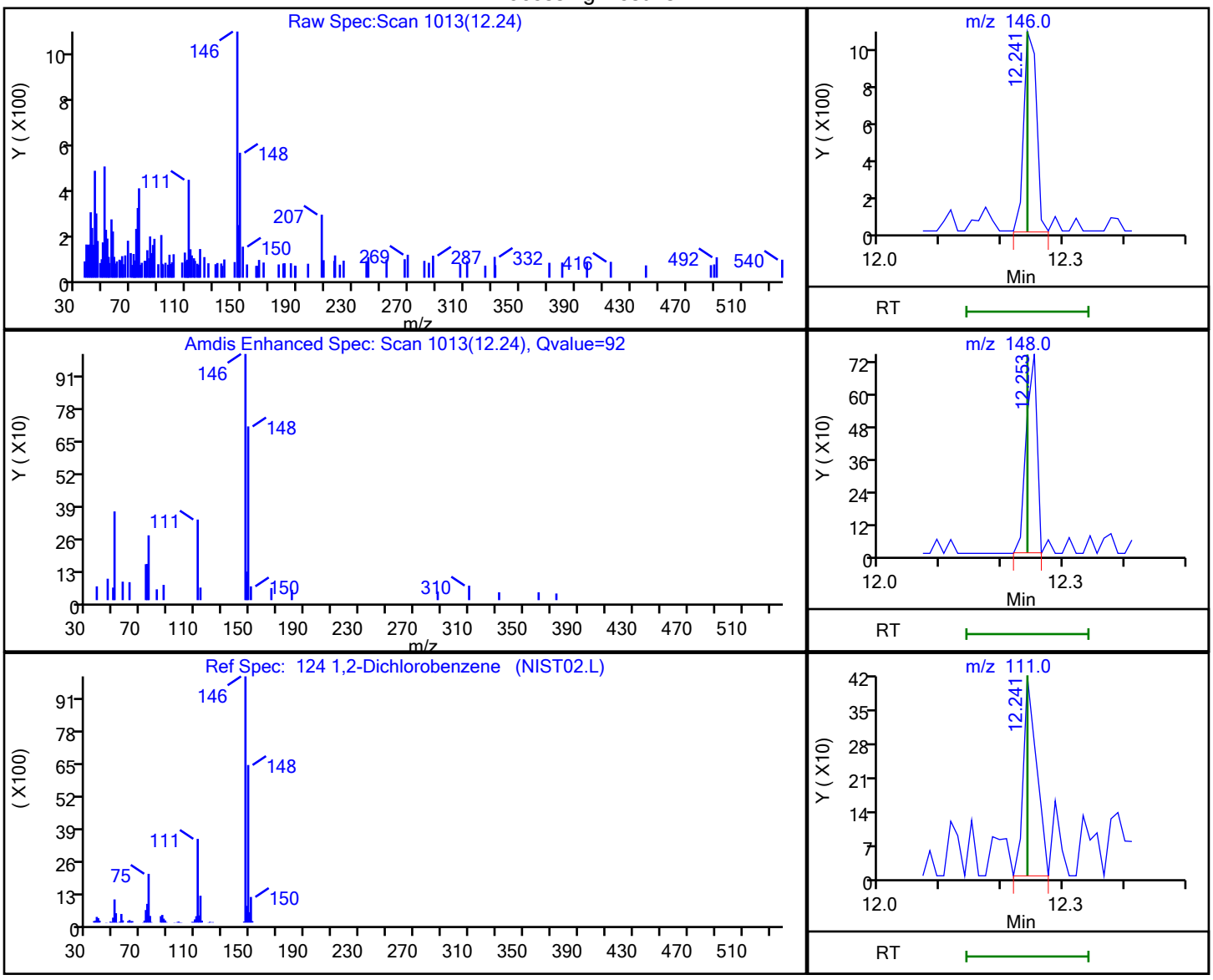
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
12.24	146.00	1485	0.253842
12.25	148.00	915	
12.24	111.00	619	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

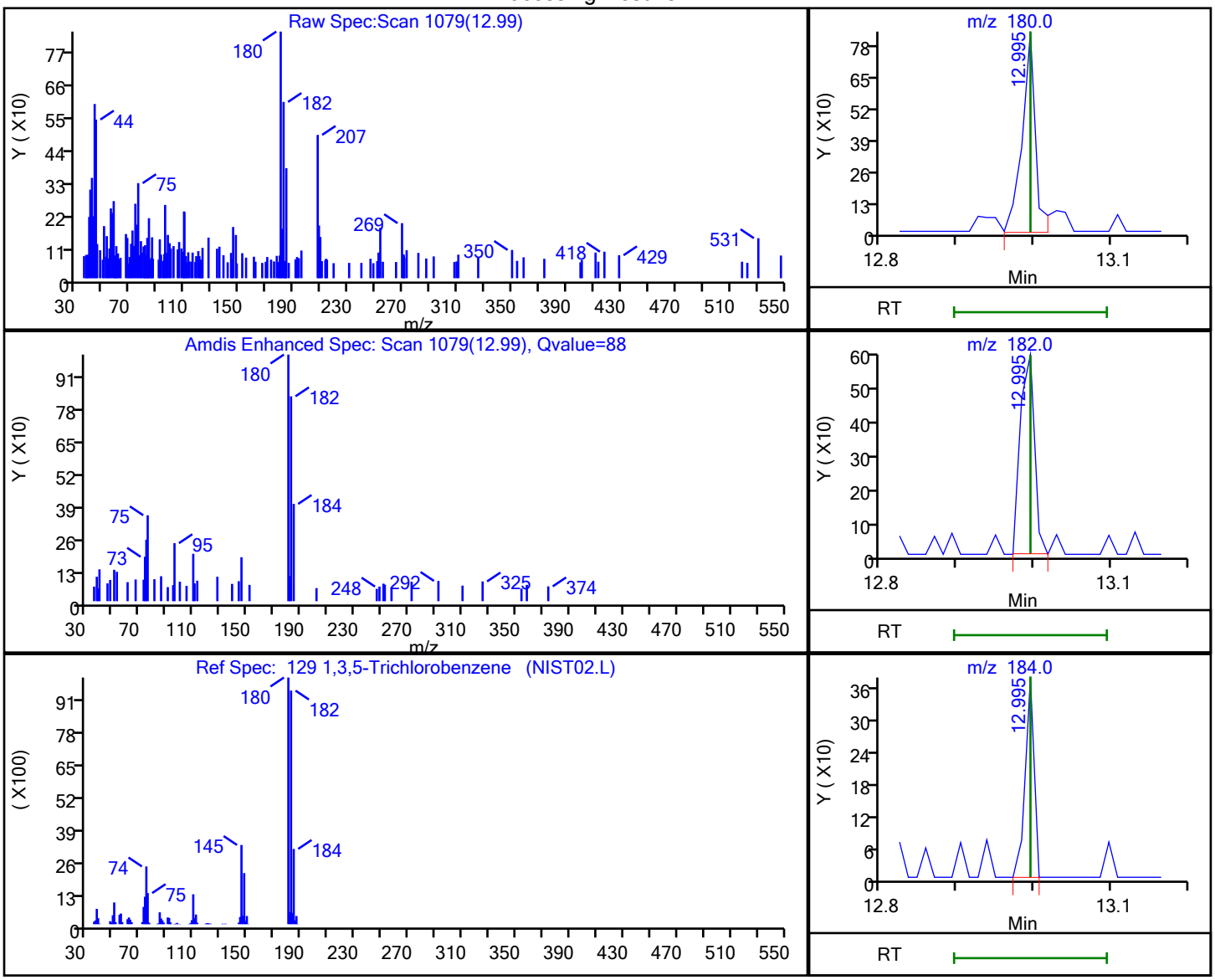
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

129 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.99	180.00	1003	0.340778
12.99	182.00	775	
12.99	184.00	304	

Reviewer: NN6A, 21-Apr-2025 08:52:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

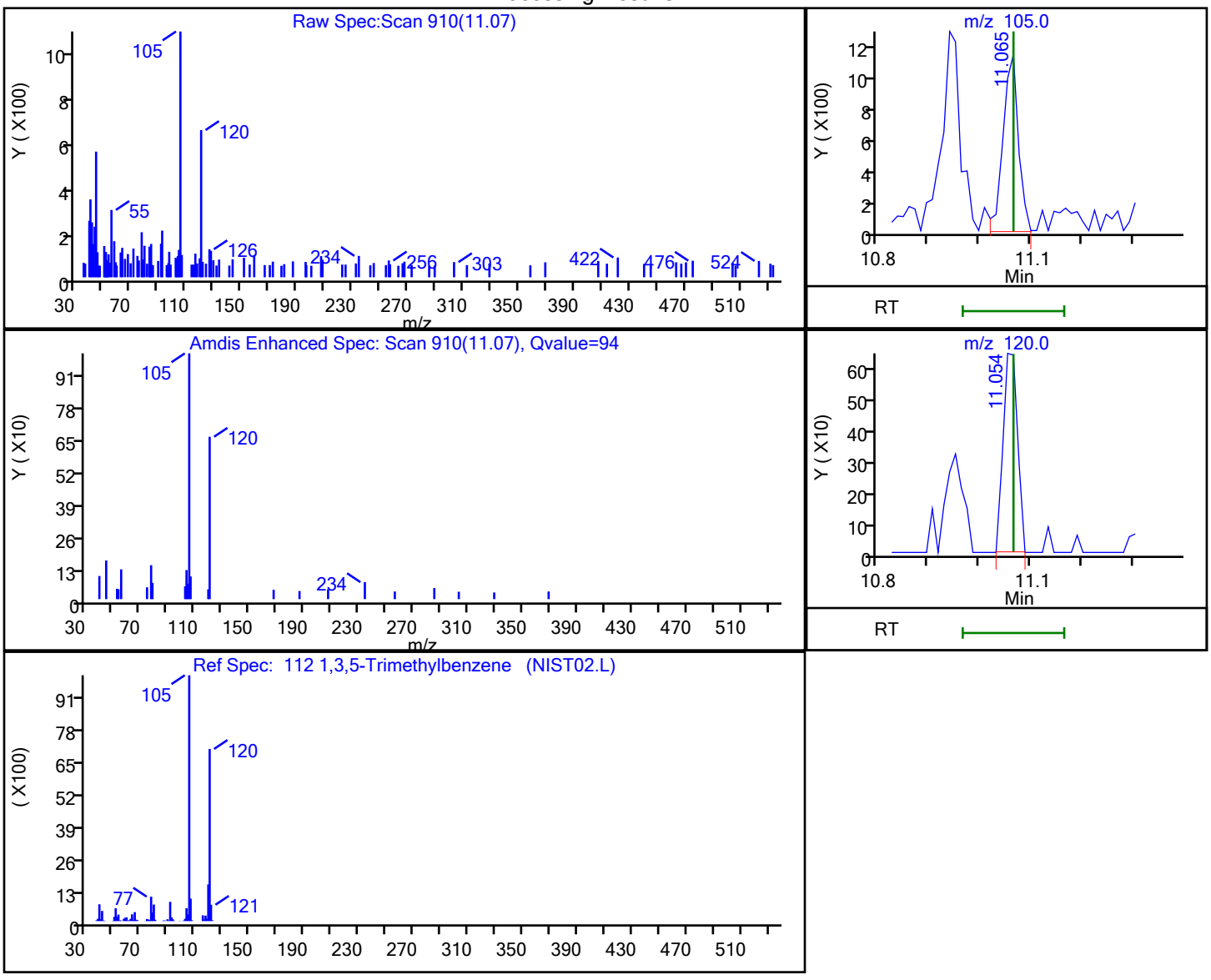
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d				
Injection Date:	19-Apr-2025 04:29:30	Instrument ID:	CVOAMS12		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

112 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
11.07	105.00	2236	0.242164
11.05	120.00	1275	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

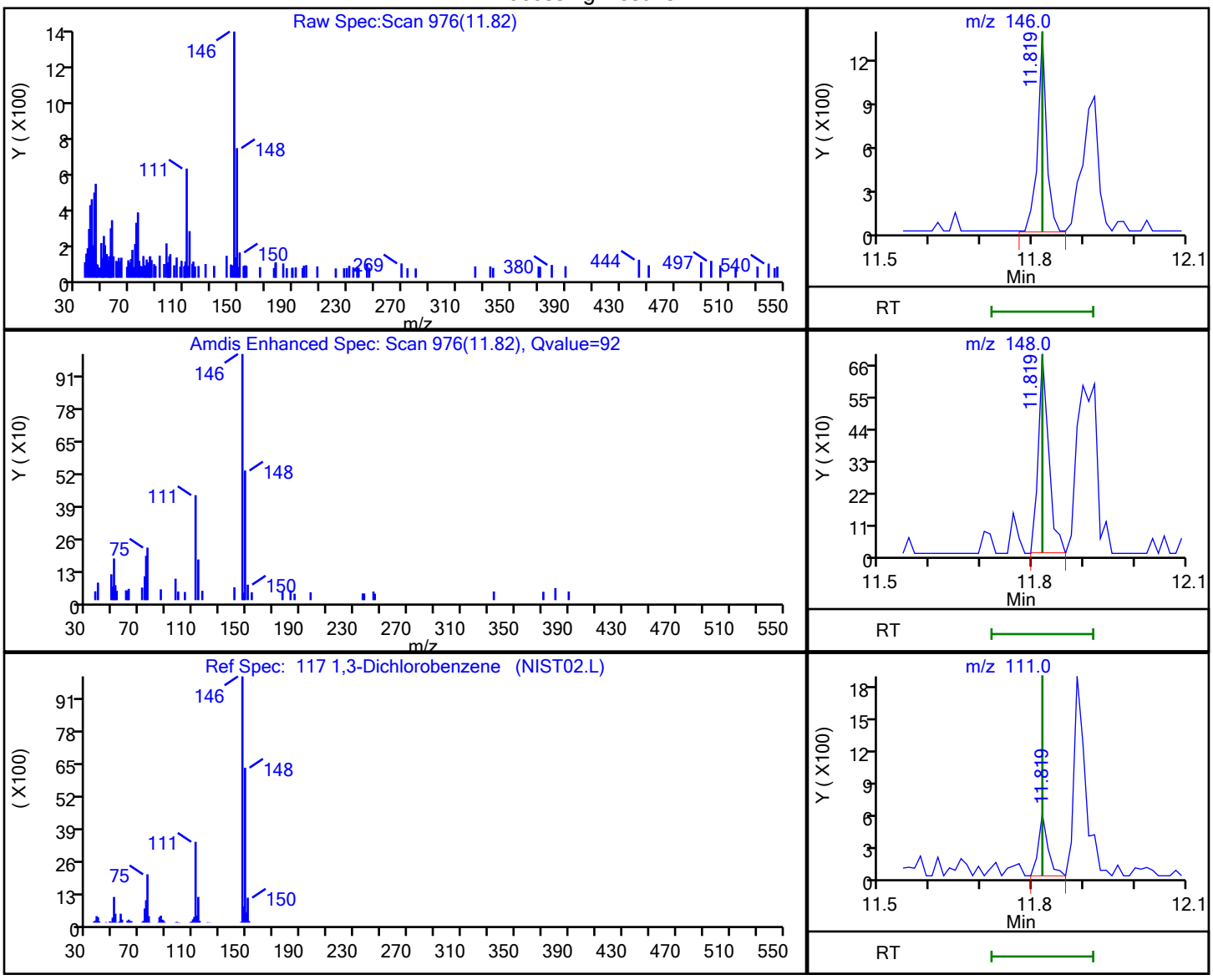
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.82	146.00	1589	0.261085
11.82	148.00	998	
11.82	111.00	769	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

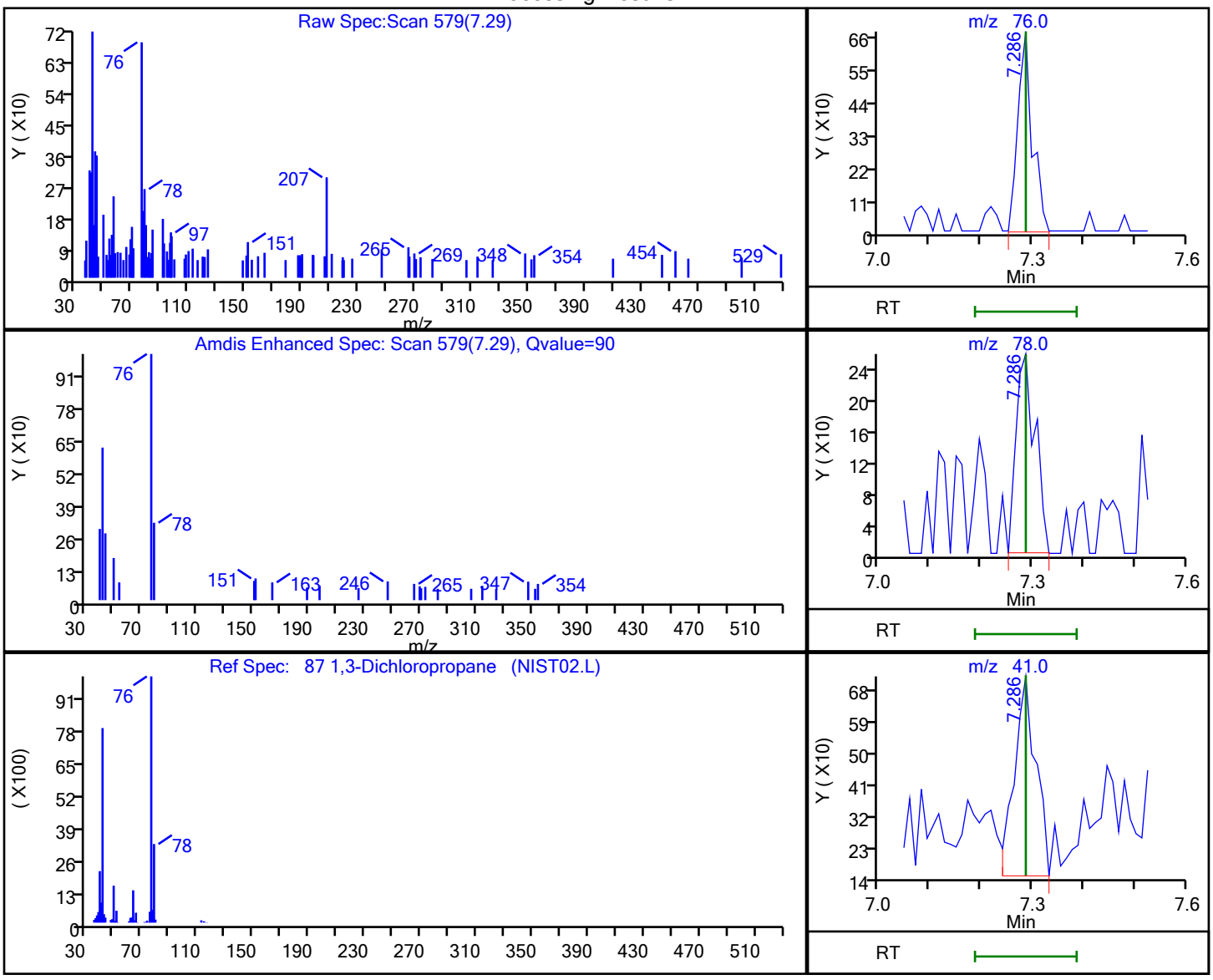
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.29	76.00	1335	0.251399
7.29	78.00	667	
7.29	41.00	1671	

Reviewer: NN6A, 21-Apr-2025 08:51:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

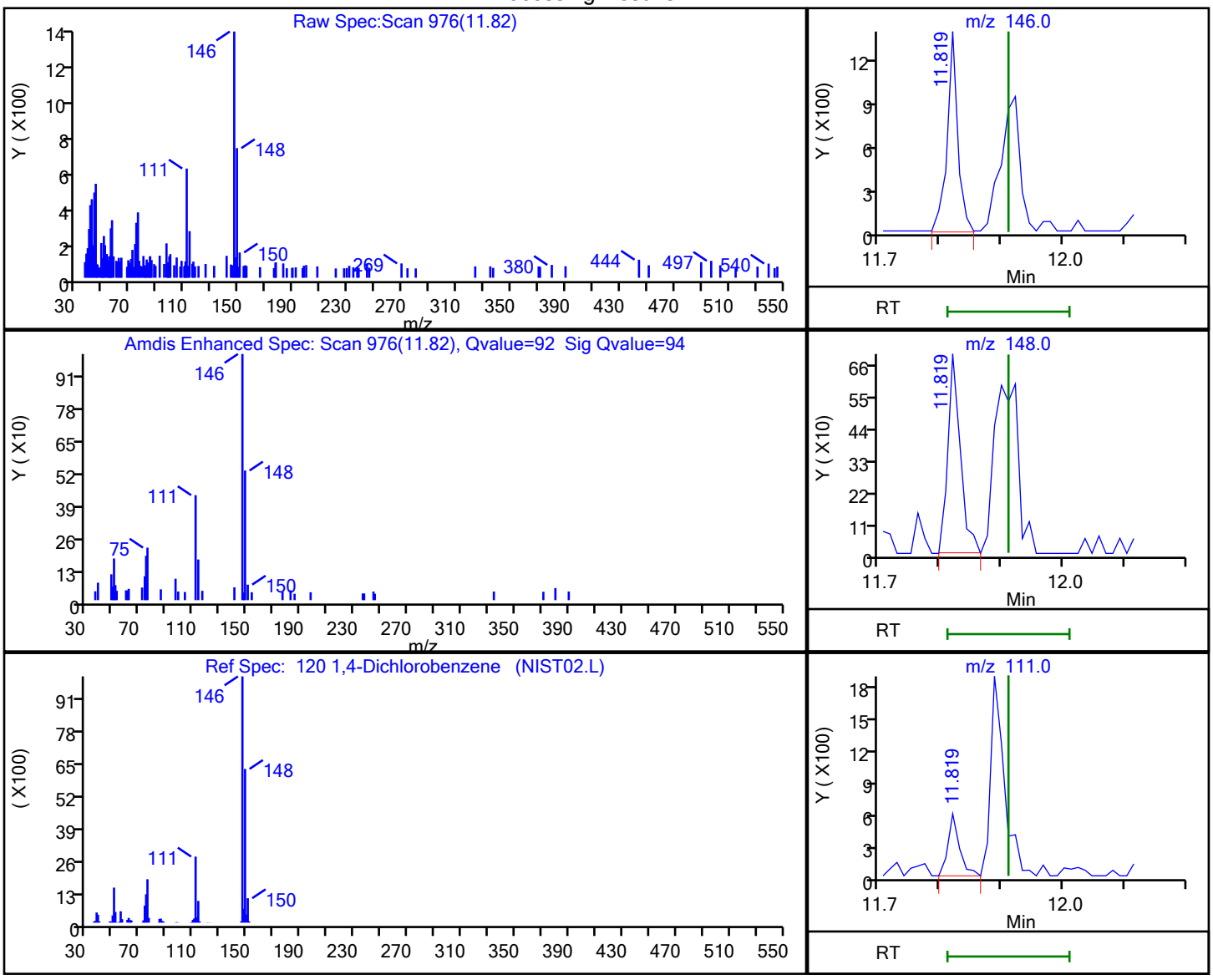
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.82	146.00	1589	0.271279
11.82	148.00	998	
11.82	111.00	769	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

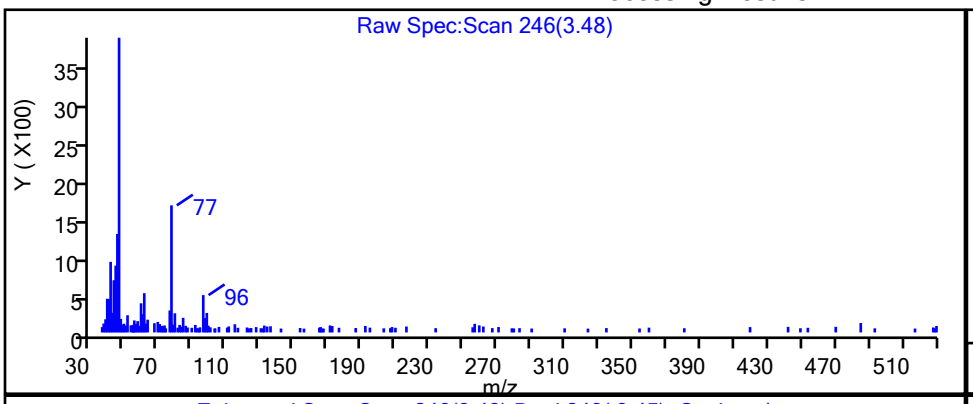
User Disabled Compound Report

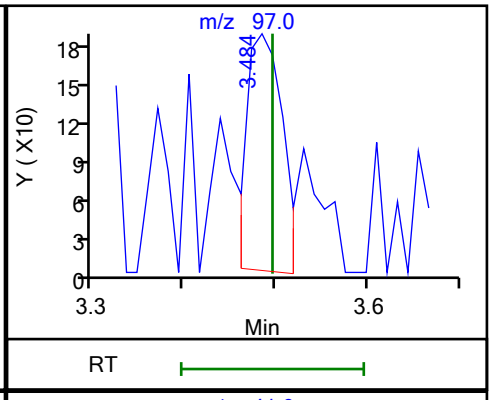
Eurofins Edison

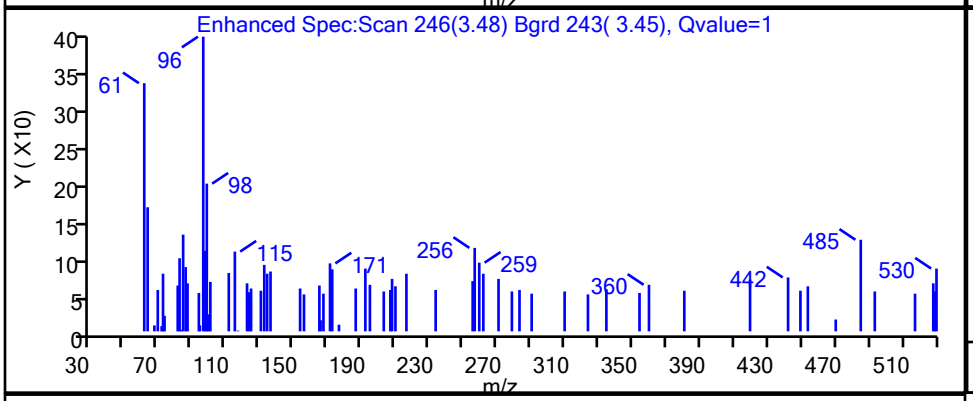
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

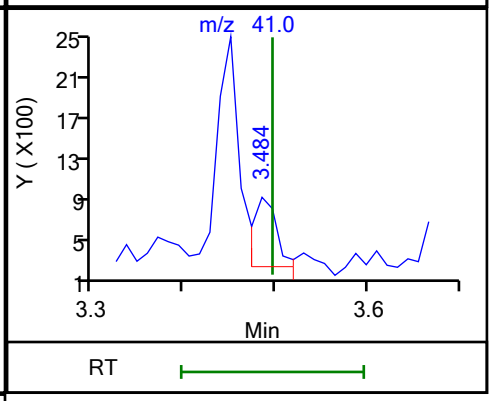
42 2,2-Dichloropropane, CAS: 594-20-7

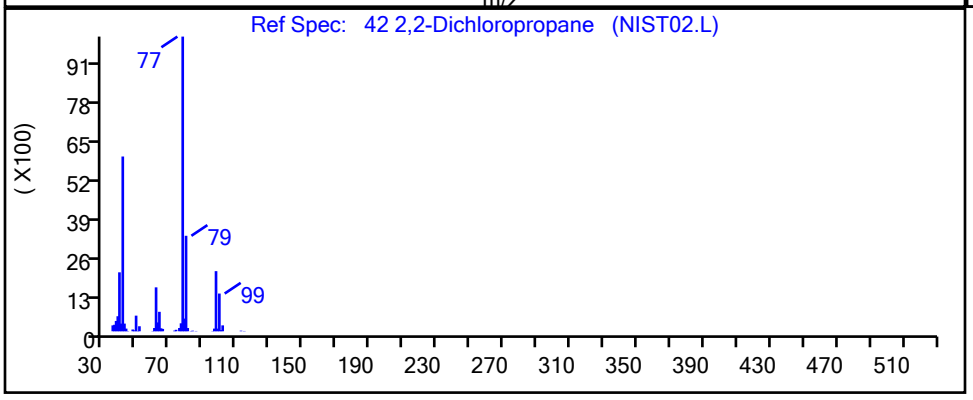
Processing Results











RT	Mass	Response	Amount
3.48	97.00	524	0.501529
3.48	41.00	1203	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

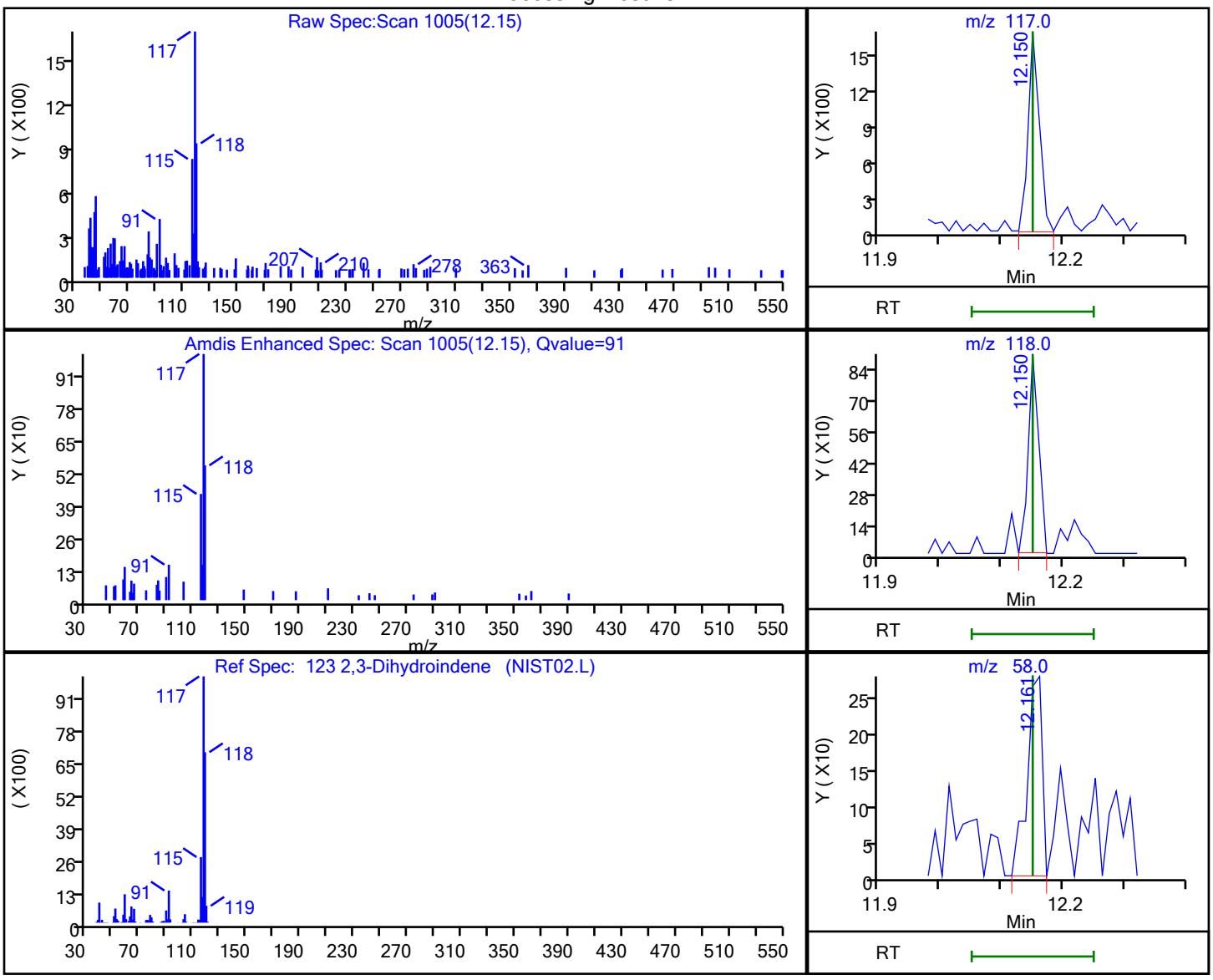
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
12.15	117.00	2117	0.215558
12.15	118.00	1087	
12.16	58.00	475	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

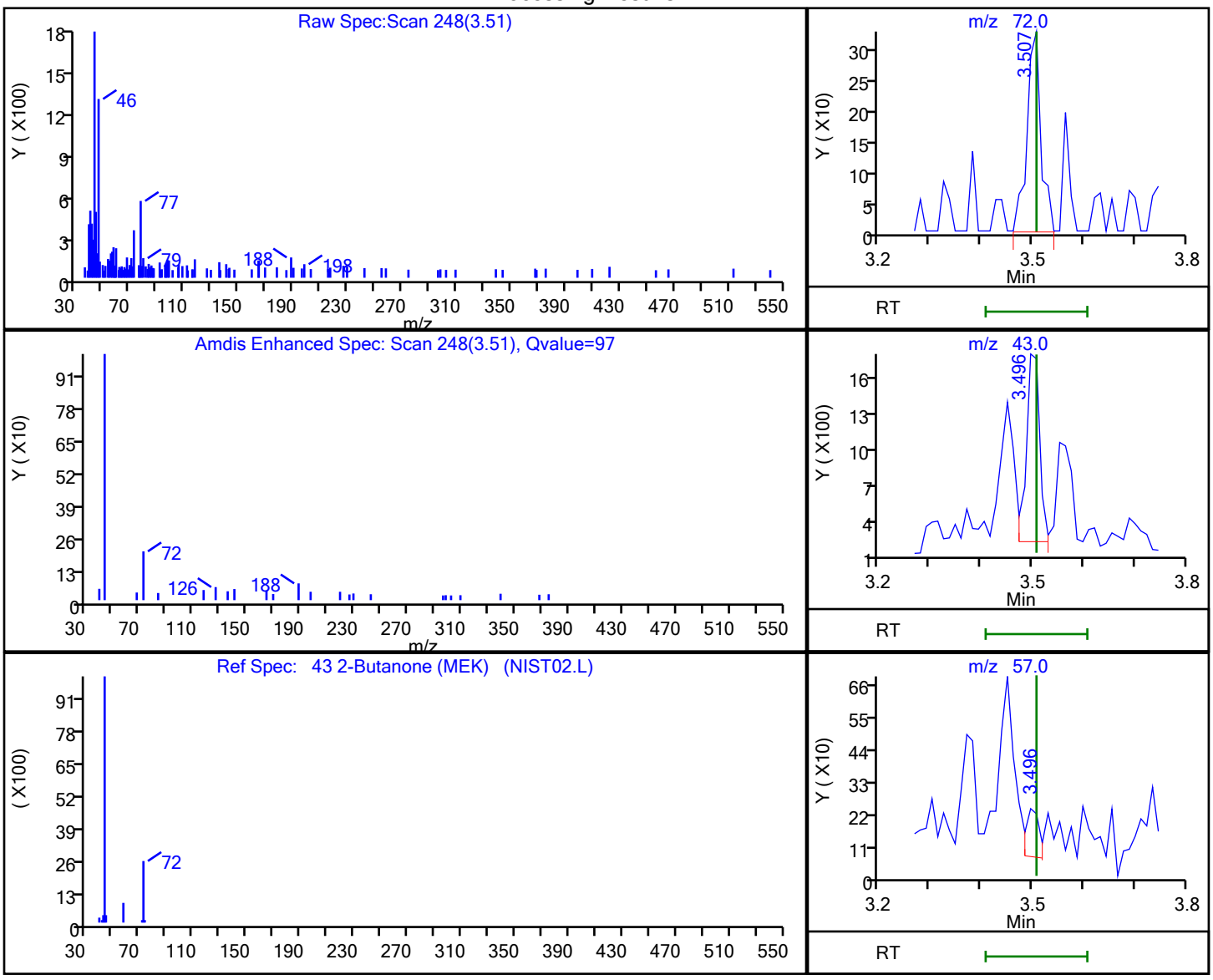
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.51	72.00	628	1.720101
3.50	43.00	2756	
3.50	57.00	303	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

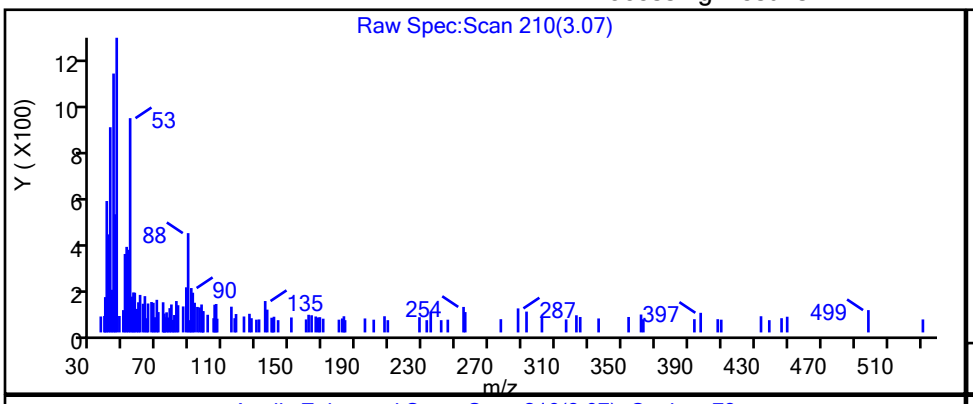
User Disabled Compound Report

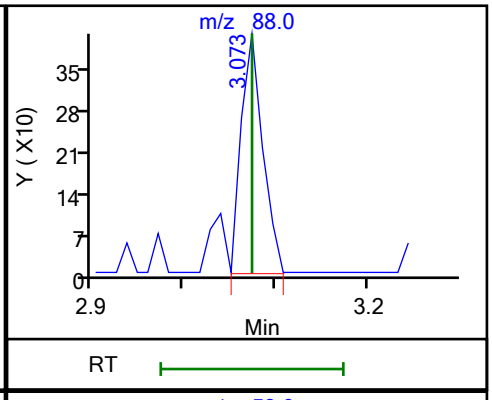
Eurofins Edison

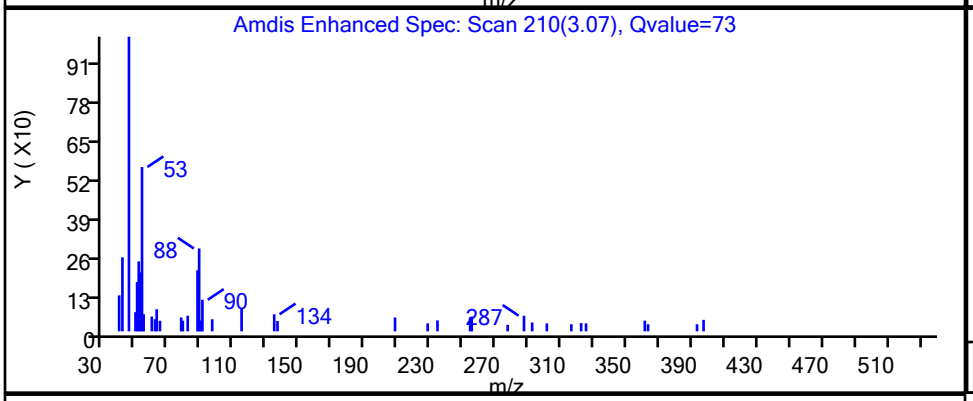
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

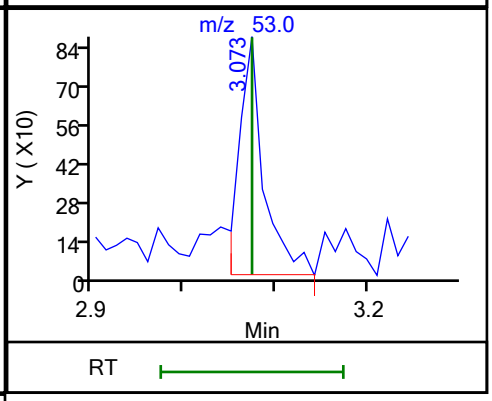
38 2-Chloro-1,3-butadiene, CAS: 126-99-8

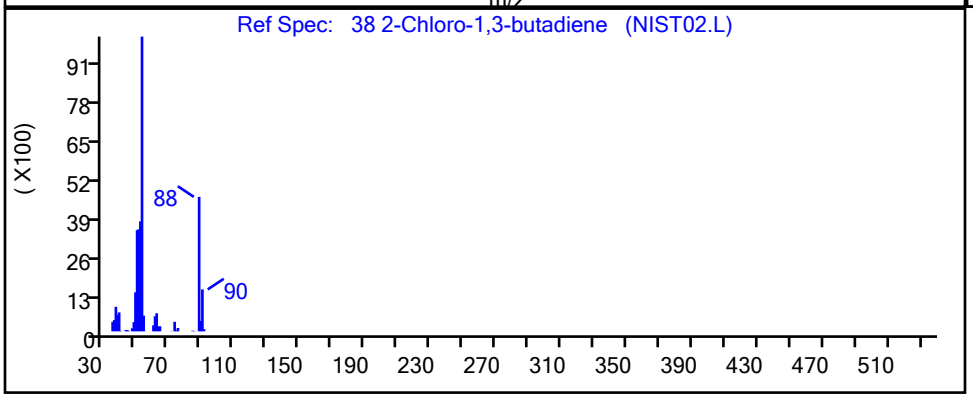
Processing Results











RT	Mass	Response	Amount
3.07	88.00	660	0.210138
3.07	53.00	1626	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

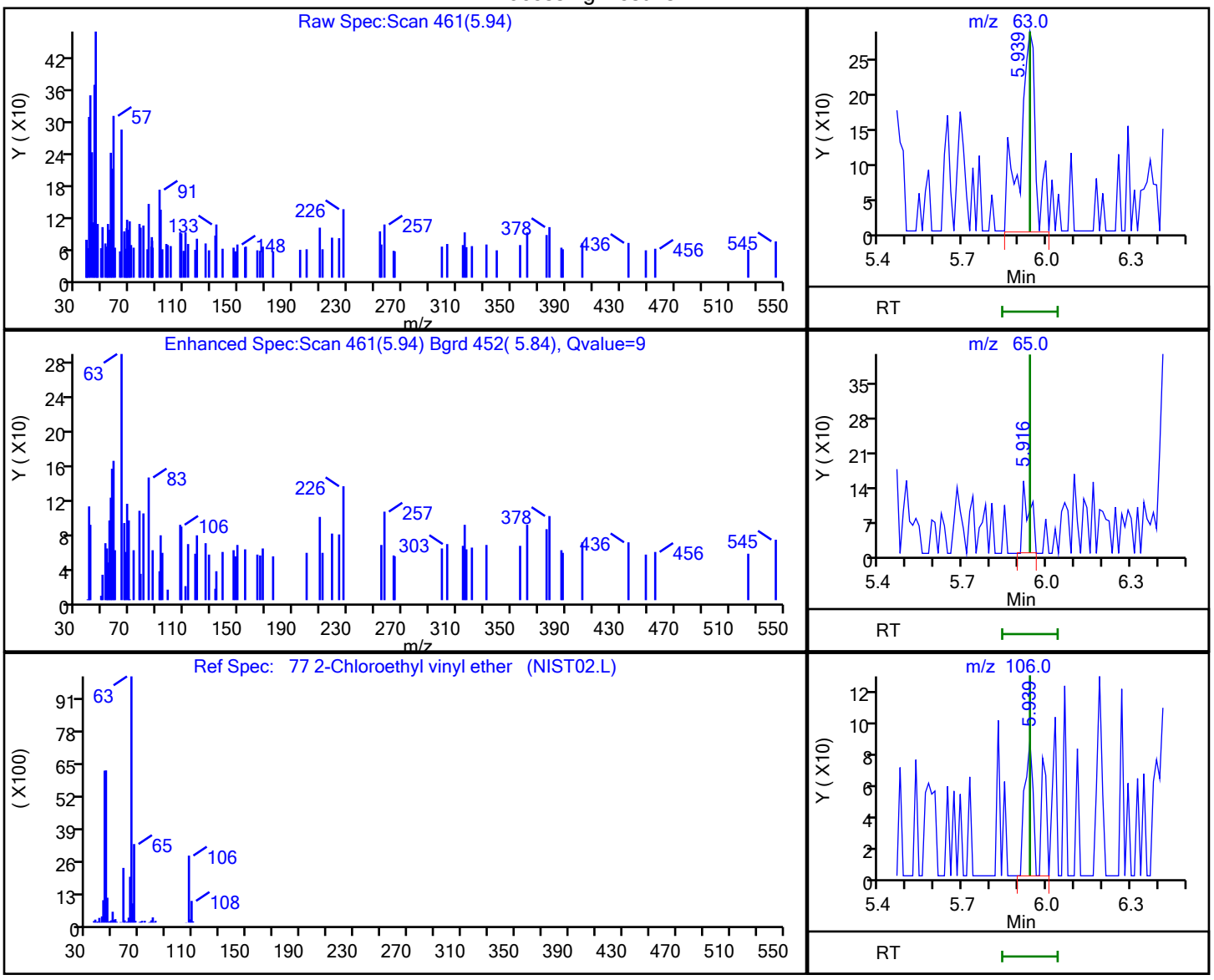
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

77 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.94	63.00	1110	0.455817
5.92	65.00	279	
5.94	106.00	272	

Reviewer: NN6A, 21-Apr-2025 08:51:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

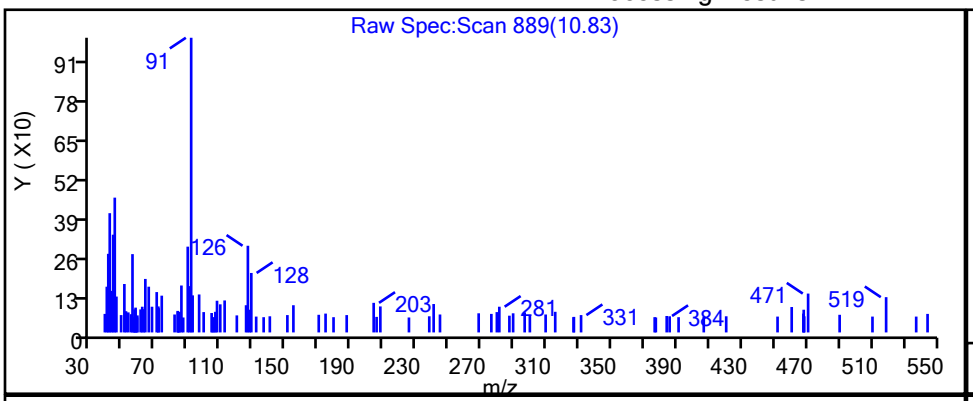
User Disabled Compound Report

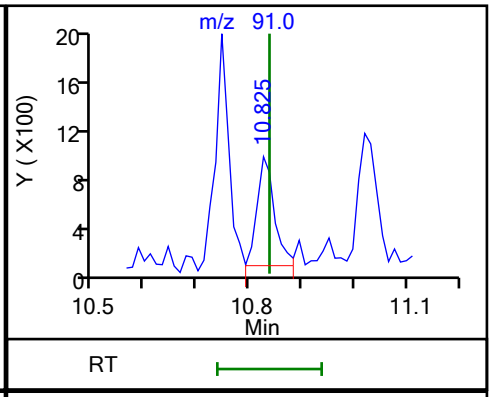
Eurofins Edison

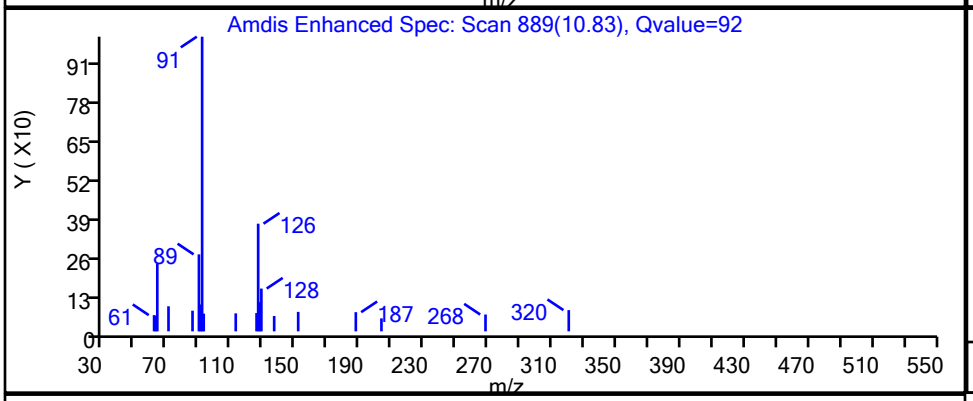
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

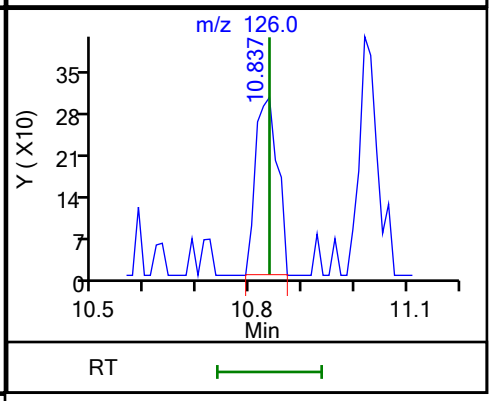
109 2-Chlorotoluene, CAS: 95-49-8

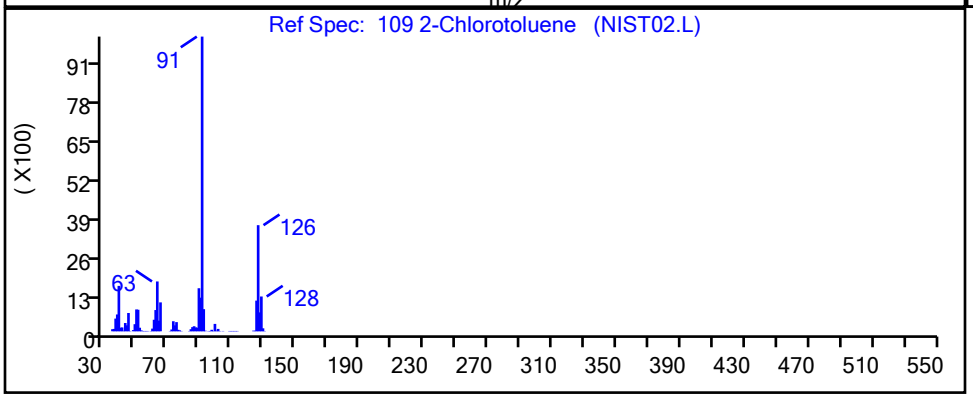
Processing Results











RT	Mass	Response	Amount
10.83	91.00	2024	0.214770
10.84	126.00	896	

Reviewer: NN6A, 21-Apr-2025 08:52:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

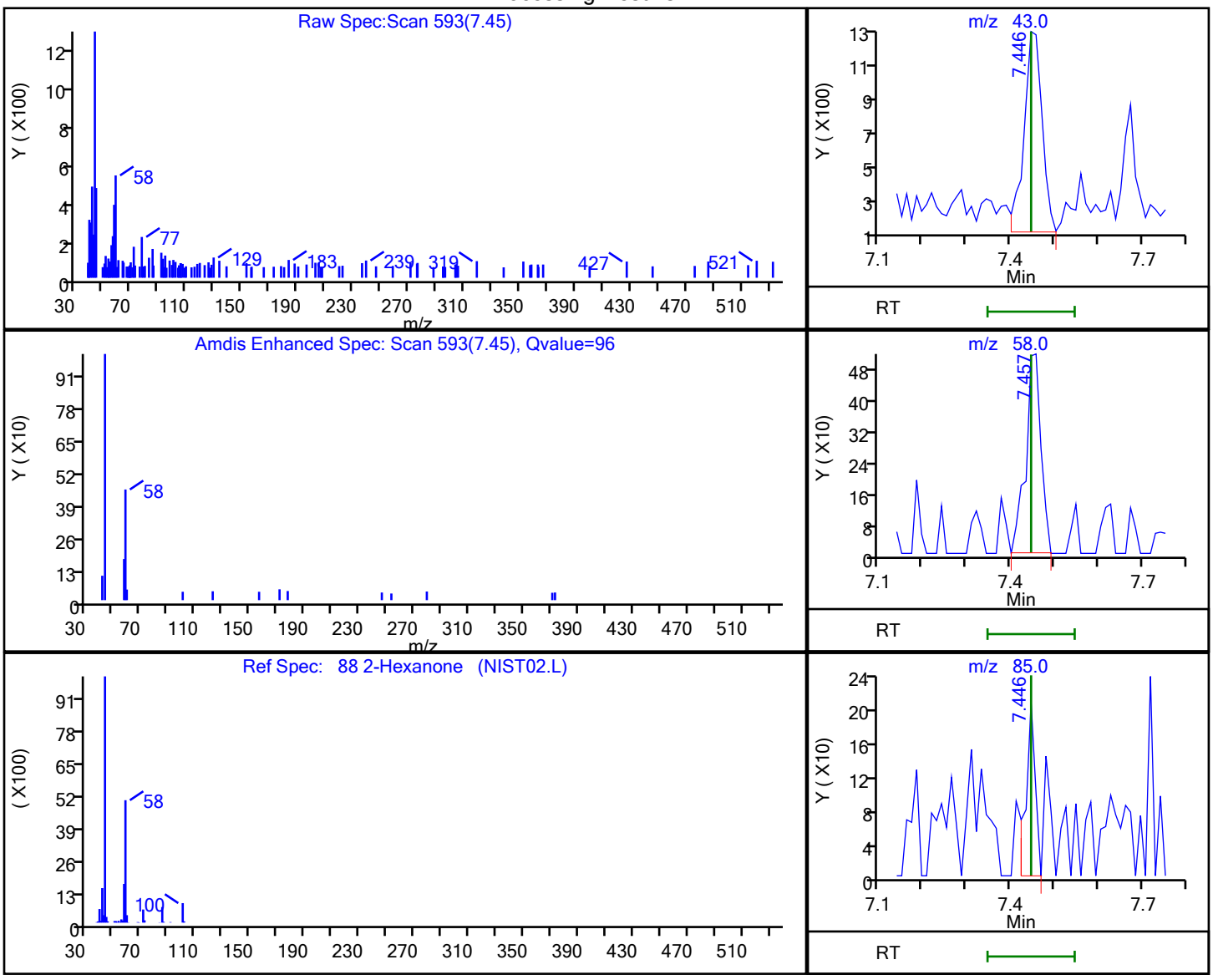
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.45	43.00	3134	1.160000
7.46	58.00	1265	
7.45	85.00	306	
7.46	100.00	169	

Reviewer: NN6A, 21-Apr-2025 08:51:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

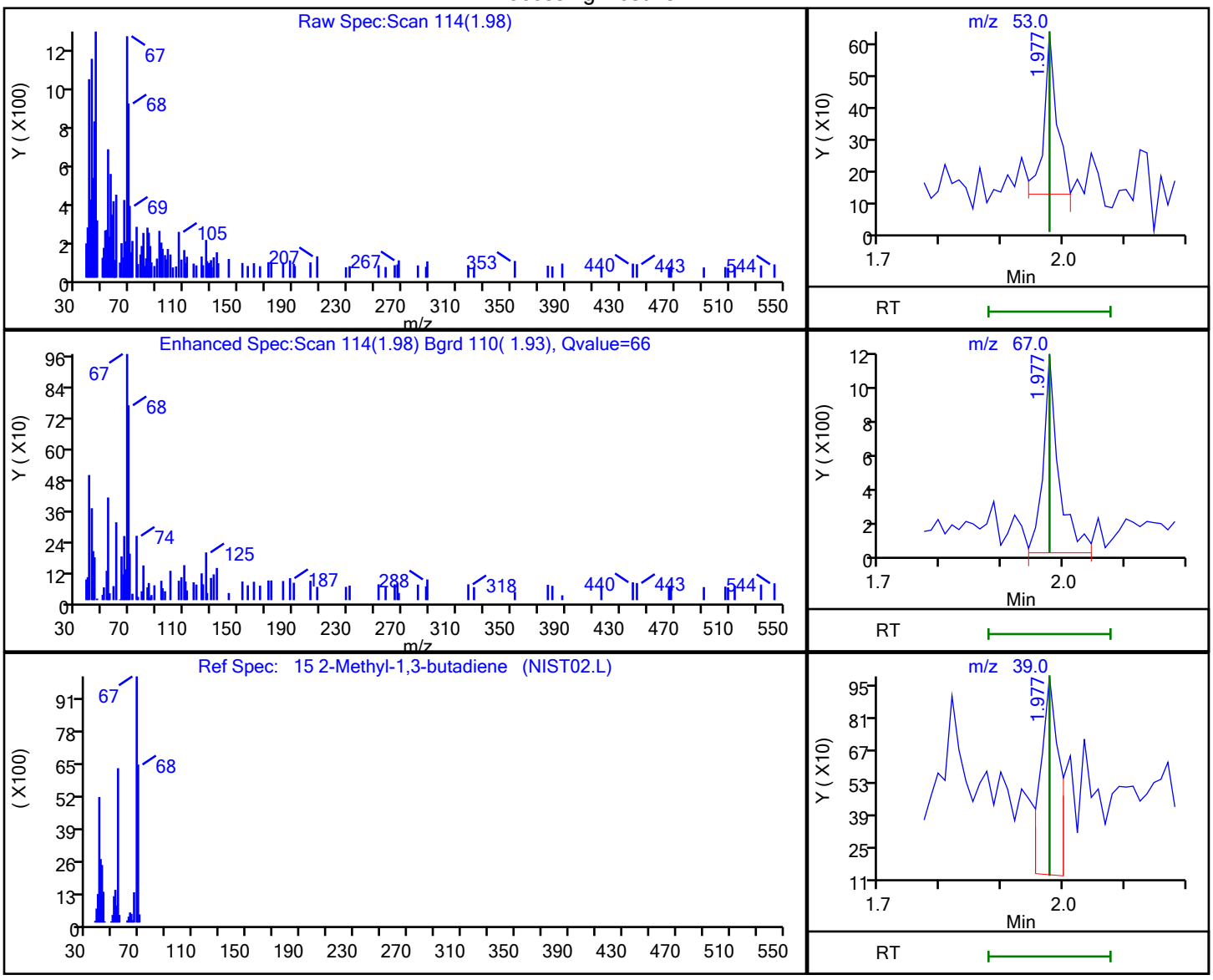
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.98	53.00	762	0.214027
1.98	67.00	1974	
1.98	39.00	1840	

Reviewer: NN6A, 21-Apr-2025 08:49:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

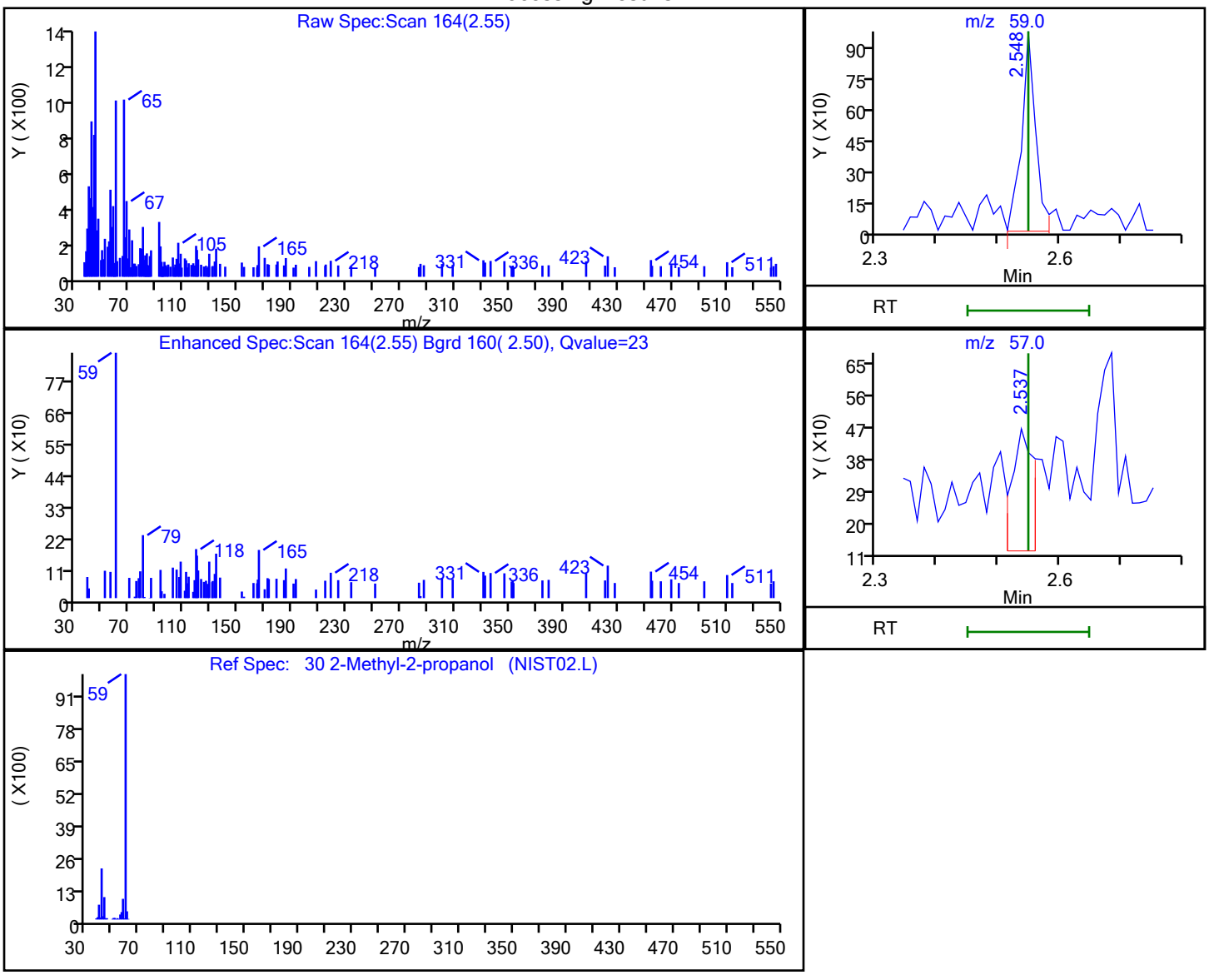
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.55	59.00	1573	5.710487
2.54	57.00	870	

Reviewer: NN6A, 21-Apr-2025 08:49:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

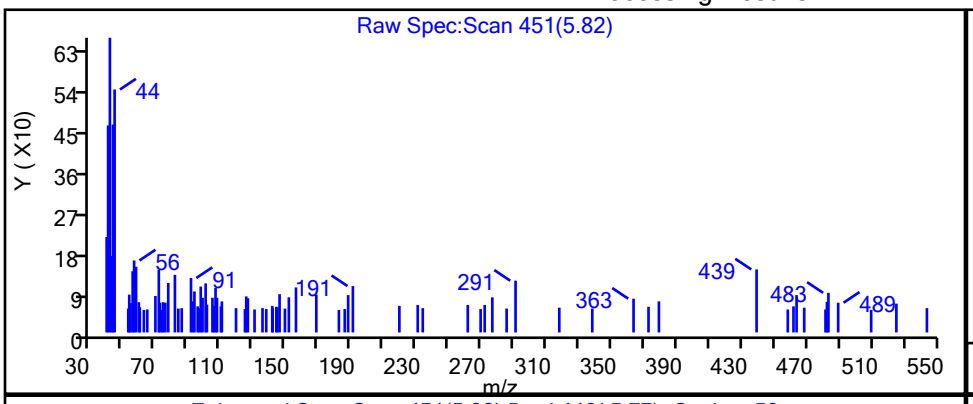
User Disabled Compound Report

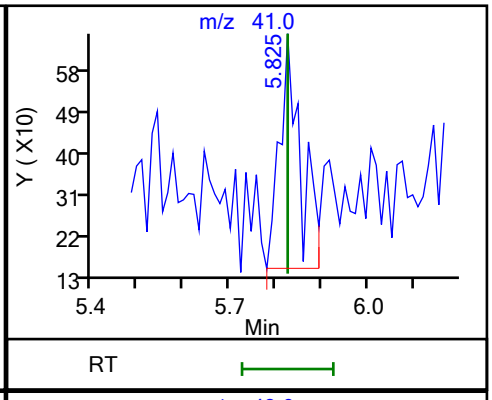
Eurofins Edison

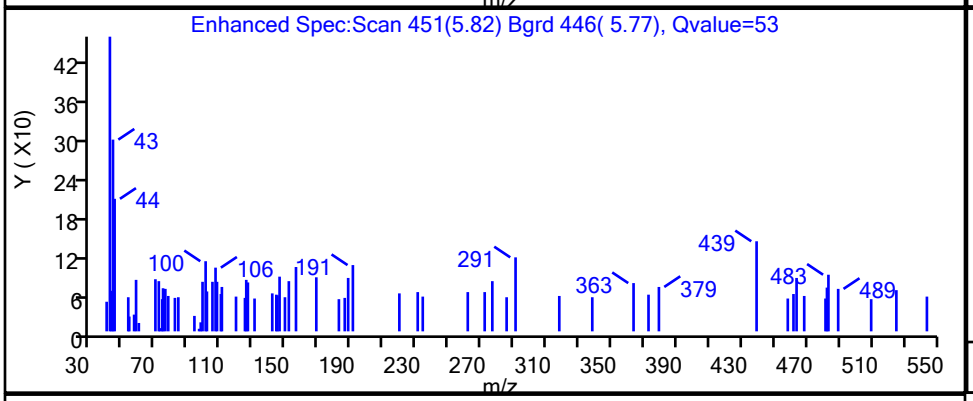
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

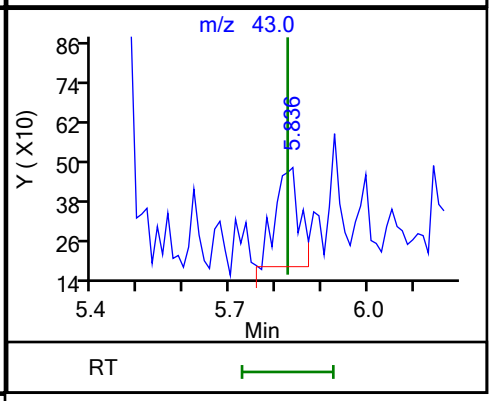
76 2-Nitropropane, CAS: 79-46-9

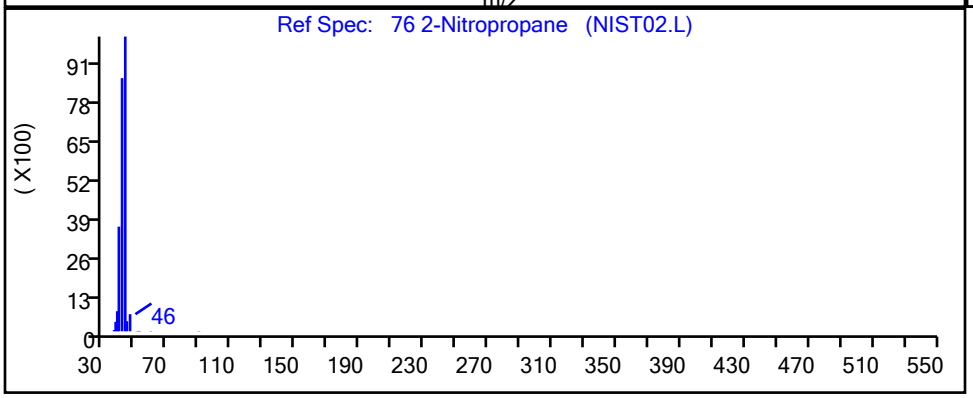
Processing Results











RT	Mass	Response	Amount
5.82	41.00	1657	1.311801
5.84	43.00	1134	

Reviewer: NN6A, 21-Apr-2025 08:51:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

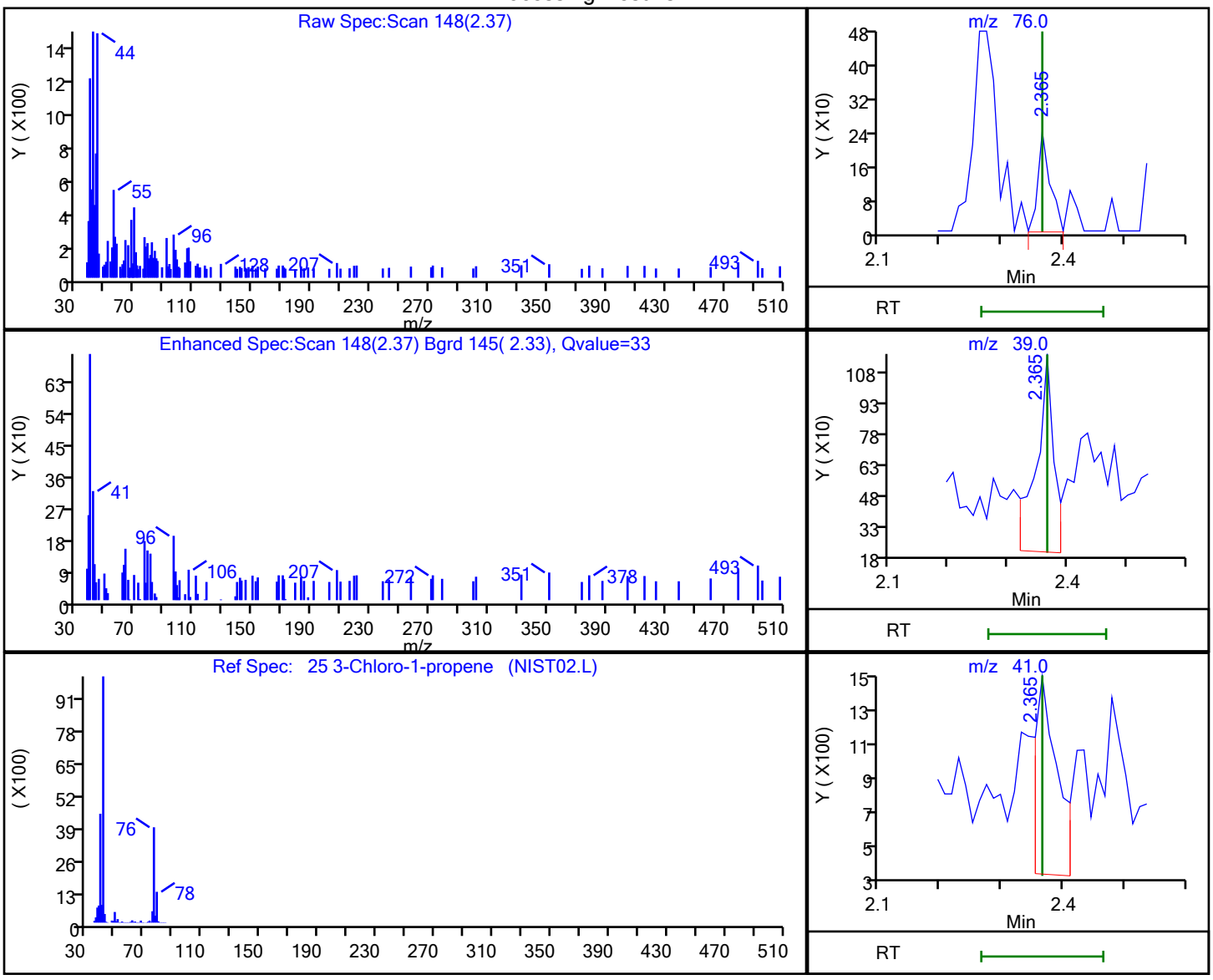
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.37	76.00	326	0.174533
2.37	39.00	2090	
2.37	41.00	2823	

Reviewer: NN6A, 21-Apr-2025 08:49:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

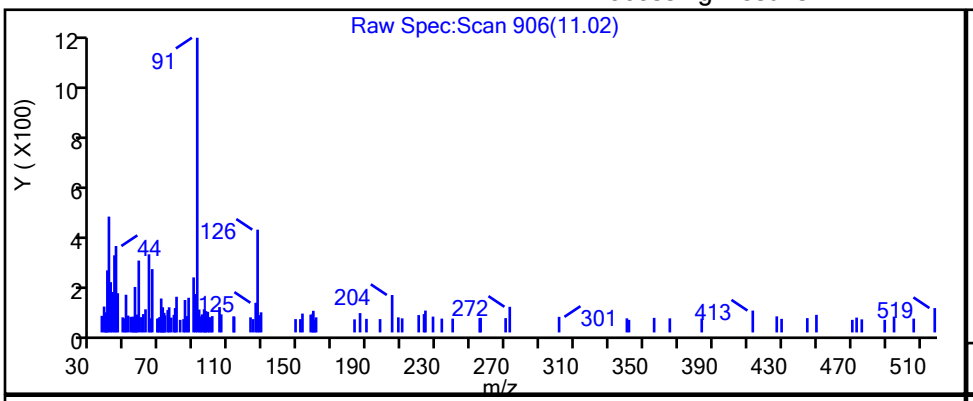
User Disabled Compound Report

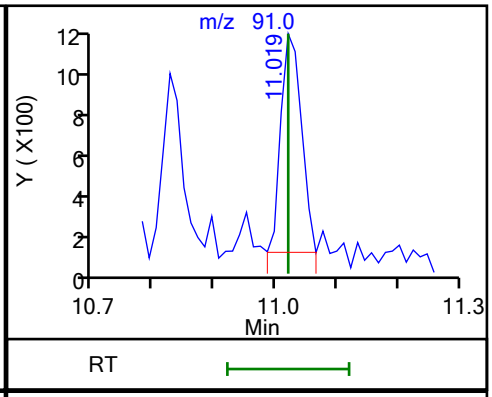
Eurofins Edison

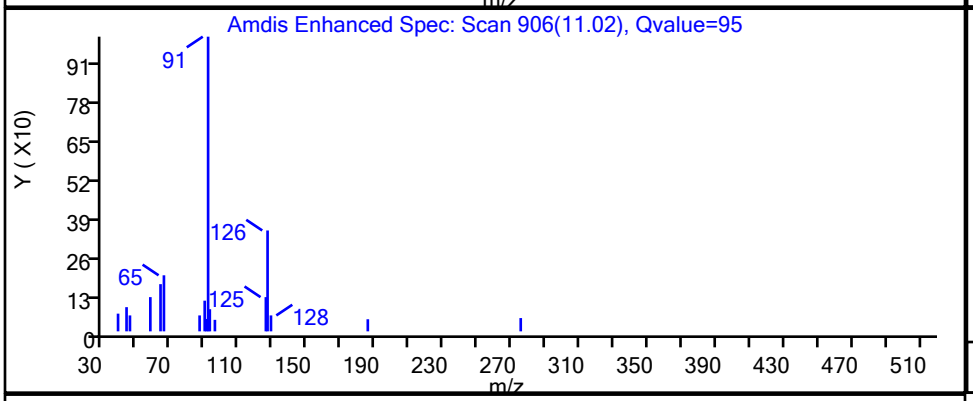
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

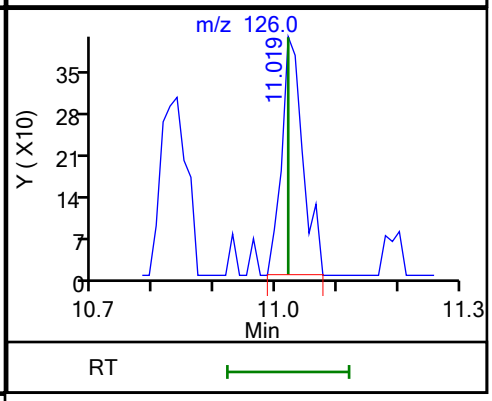
111 4-Chlorotoluene, CAS: 106-43-4

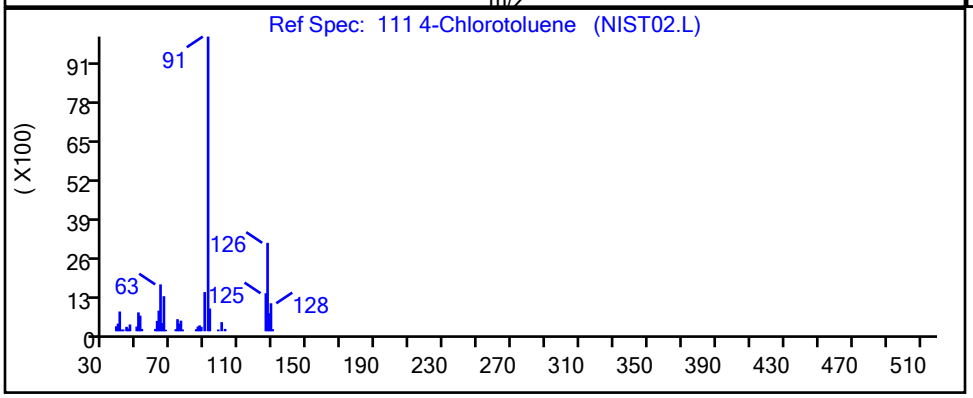
Processing Results











RT	Mass	Response	Amount
11.02	91.00	2413	0.224924
11.02	126.00	994	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

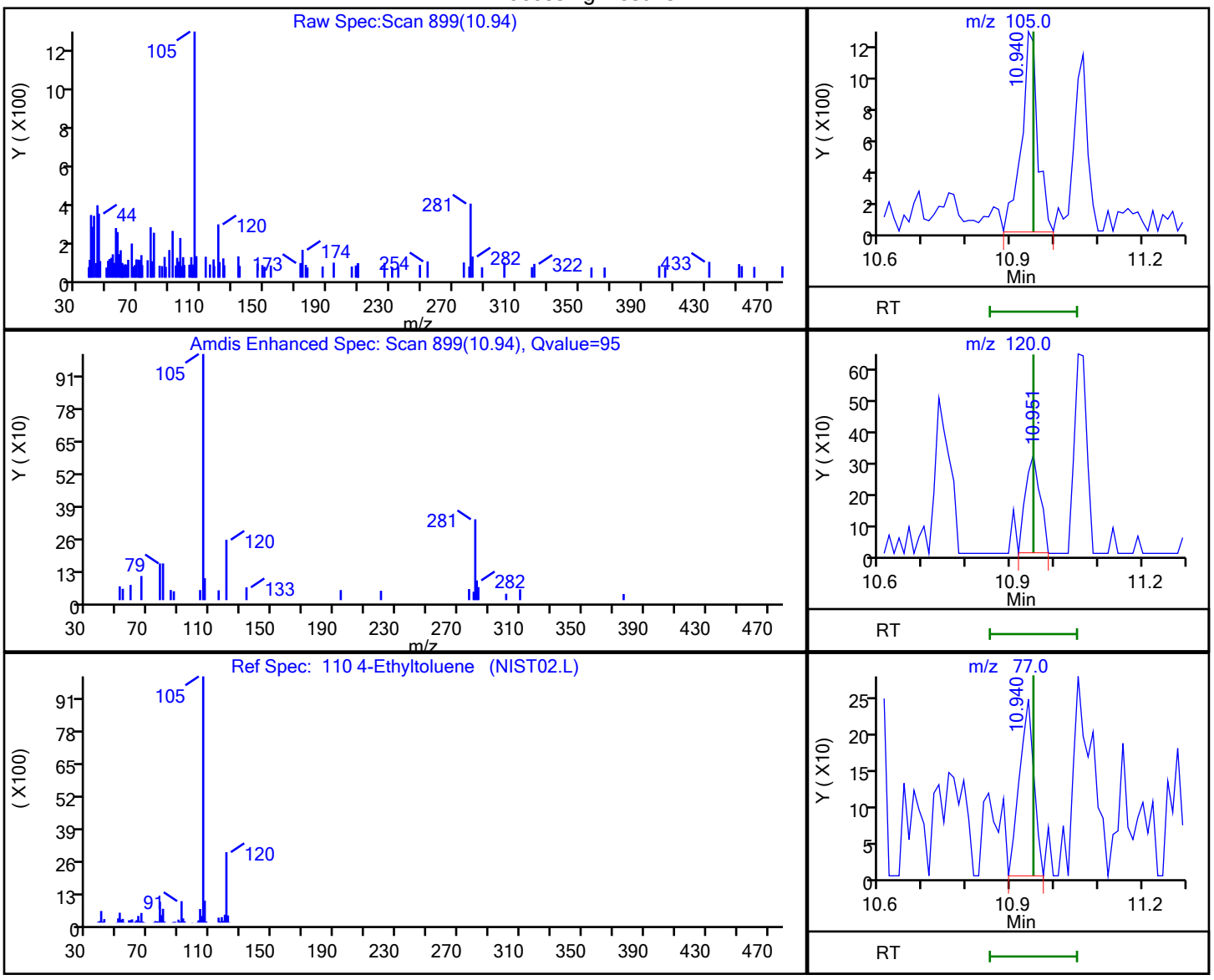
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.94	105.00	3080	0.261964
10.95	120.00	747	
10.94	77.00	569	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

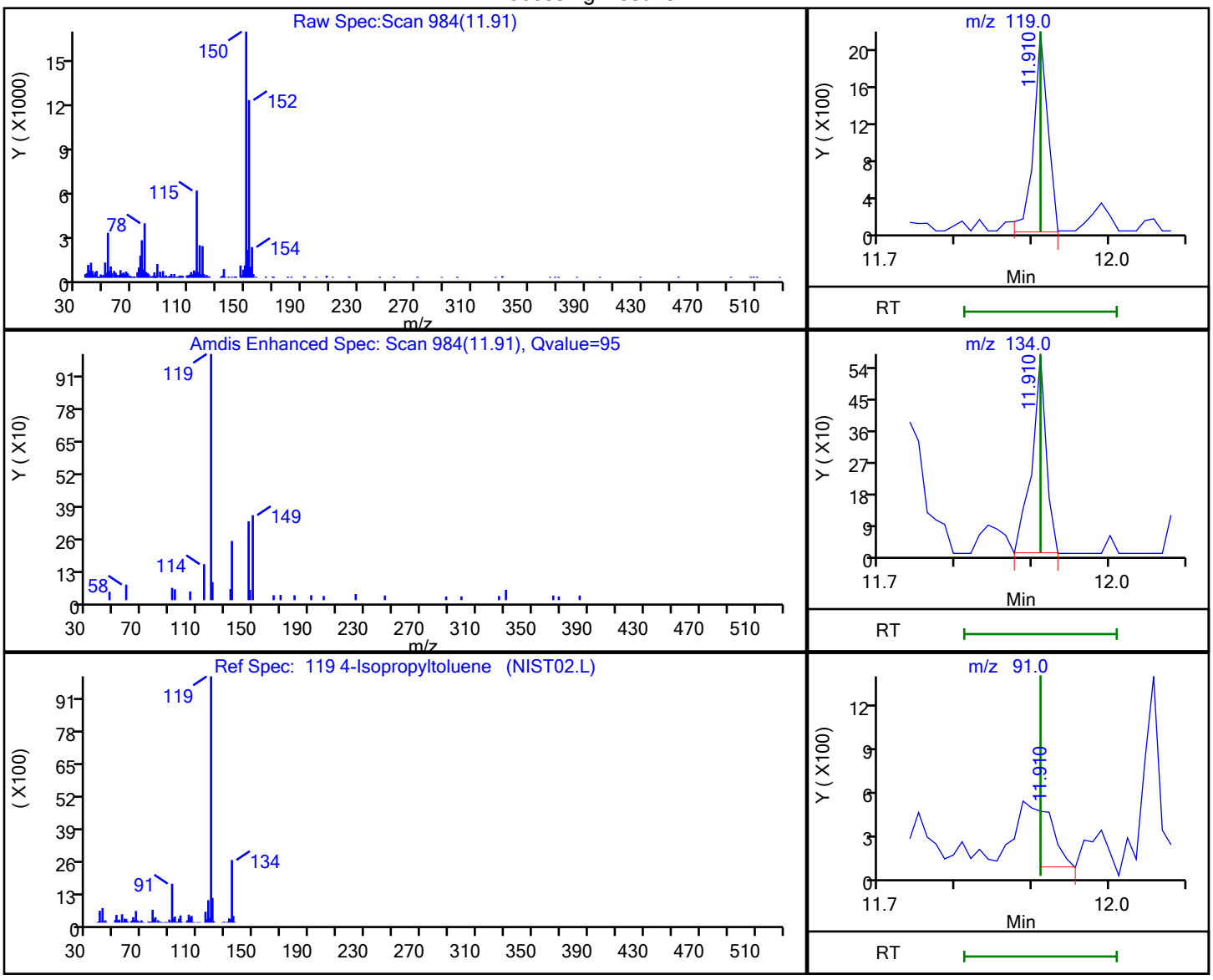
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.91	119.00	2698	0.269440
11.91	134.00	743	
11.91	91.00	678	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

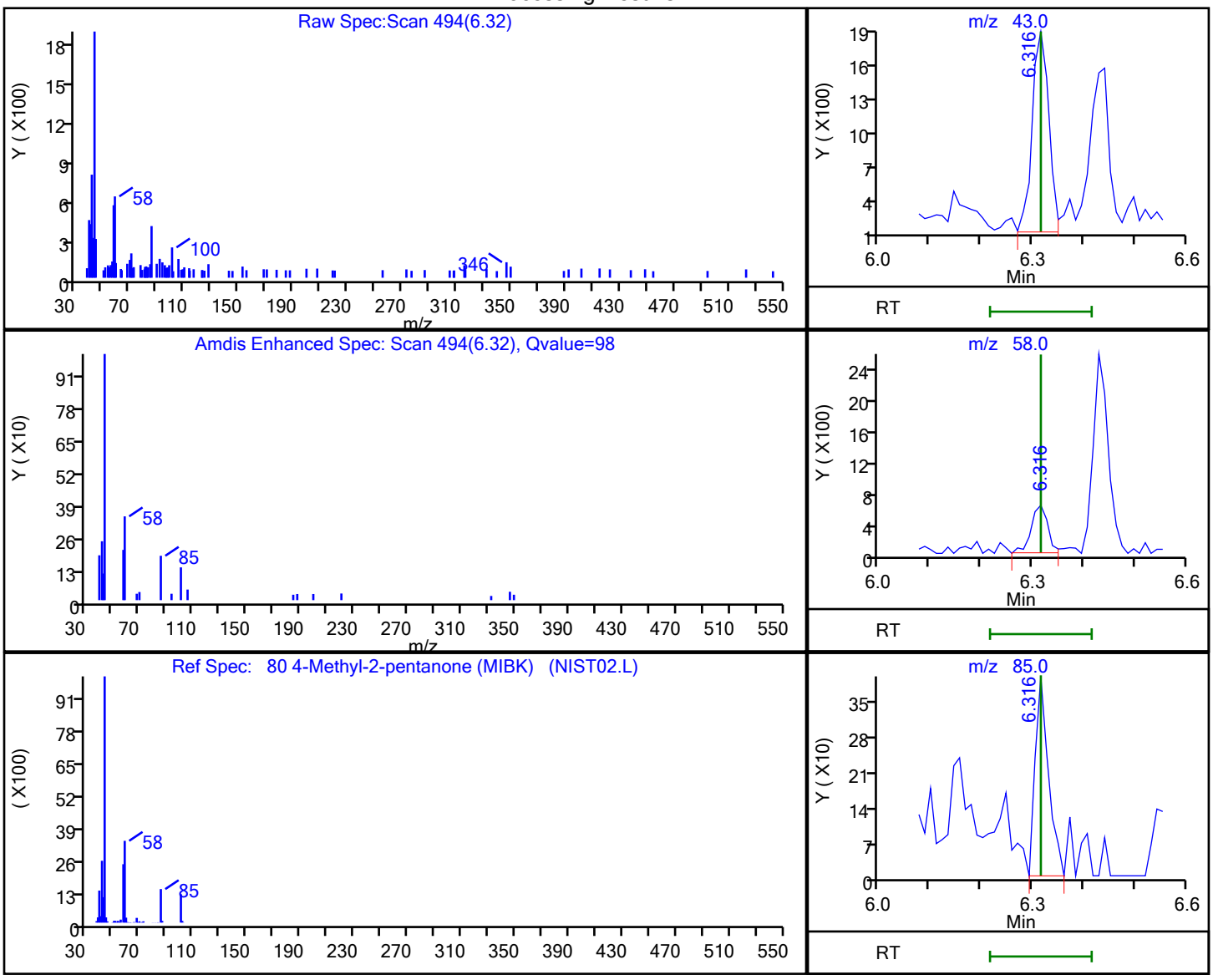
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.32	43.00	3982	1.038163
6.32	58.00	1443	
6.32	85.00	722	
6.30	100.00	509	

Reviewer: NN6A, 21-Apr-2025 08:51:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

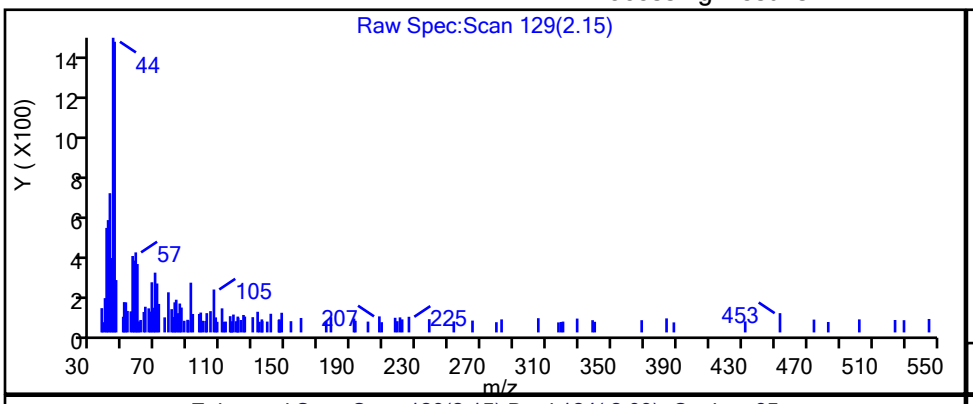
User Disabled Compound Report

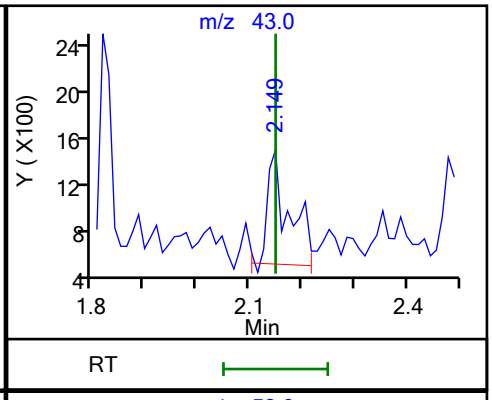
Eurofins Edison

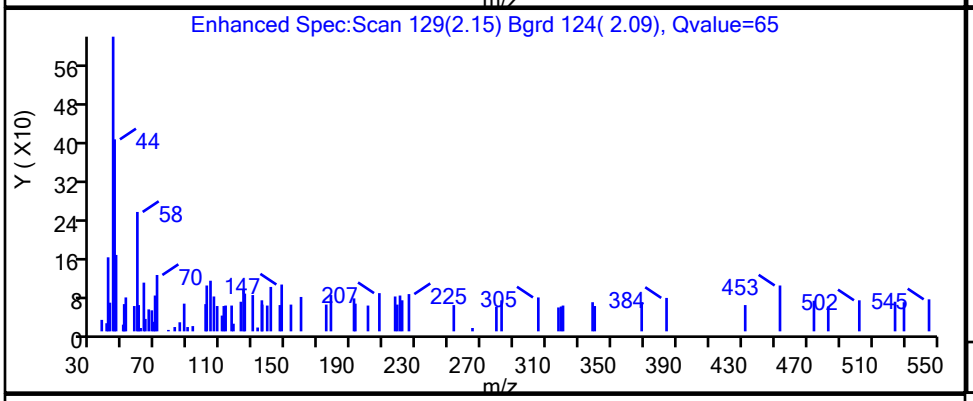
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

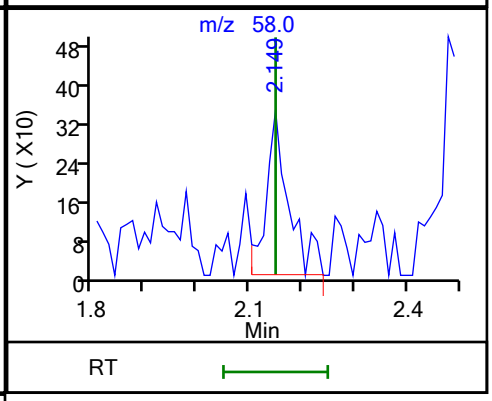
20 Acetone, CAS: 67-64-1

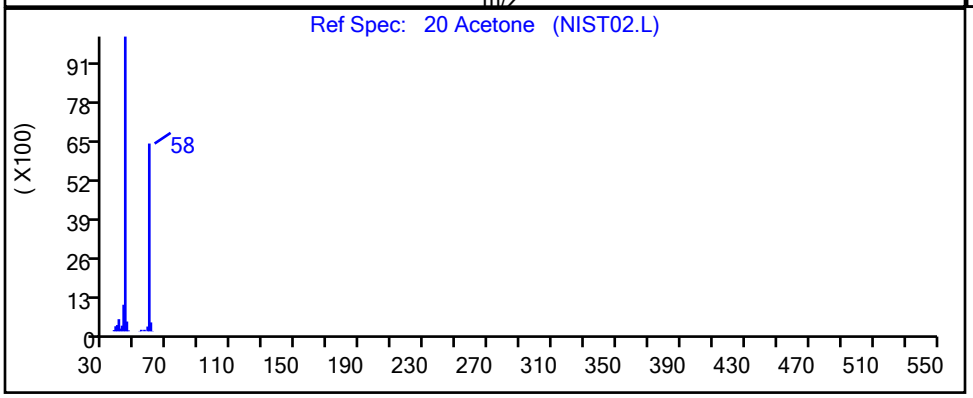
Processing Results











RT	Mass	Response	Amount
2.15	43.00	2760	3.423251
2.15	58.00	1034	

Reviewer: NN6A, 21-Apr-2025 08:49:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

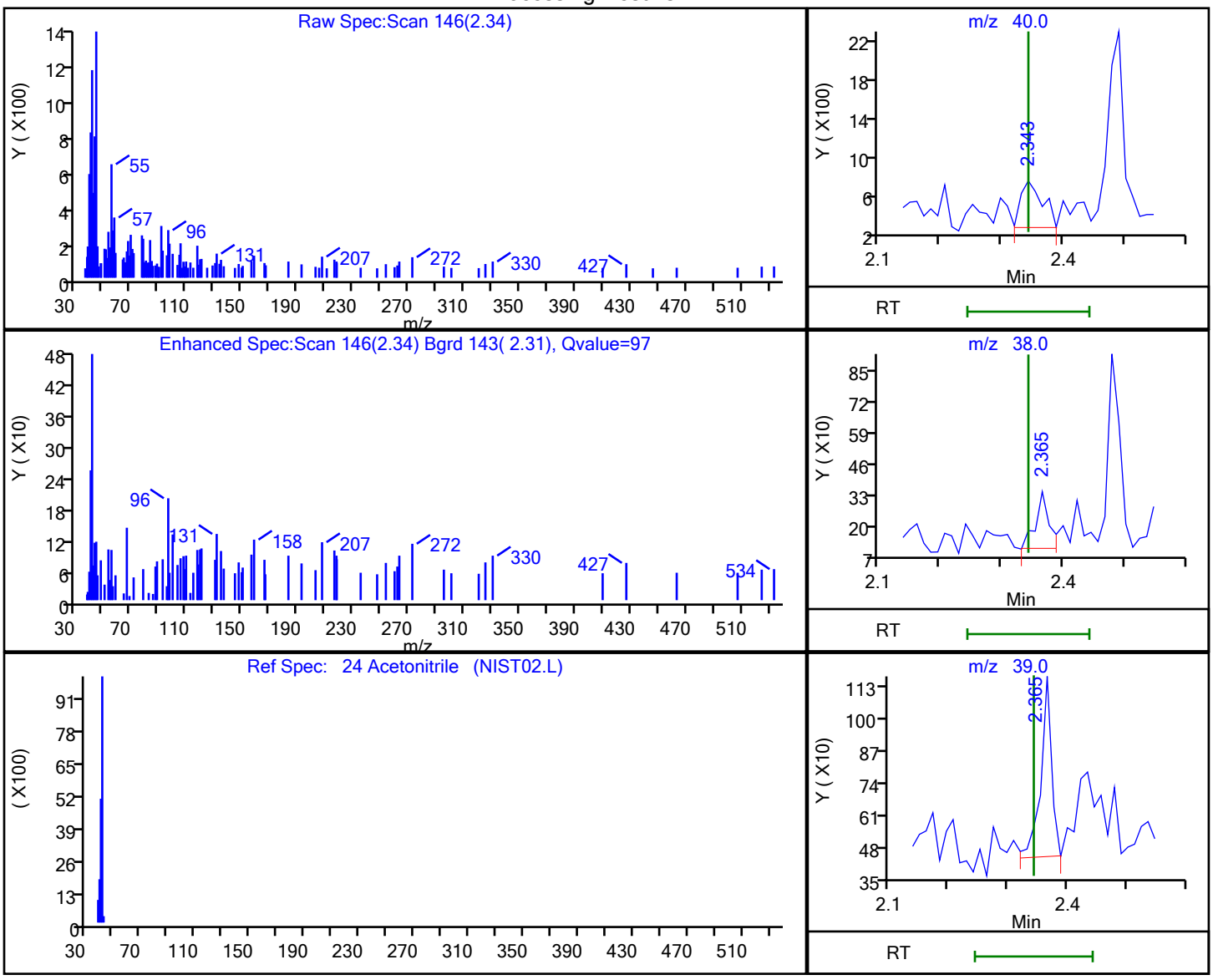
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.34	40.00	1134	2.717625
2.37	38.00	383	
2.37	39.00	949	
2.33	41.00	1104	

Reviewer: NN6A, 21-Apr-2025 08:49:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

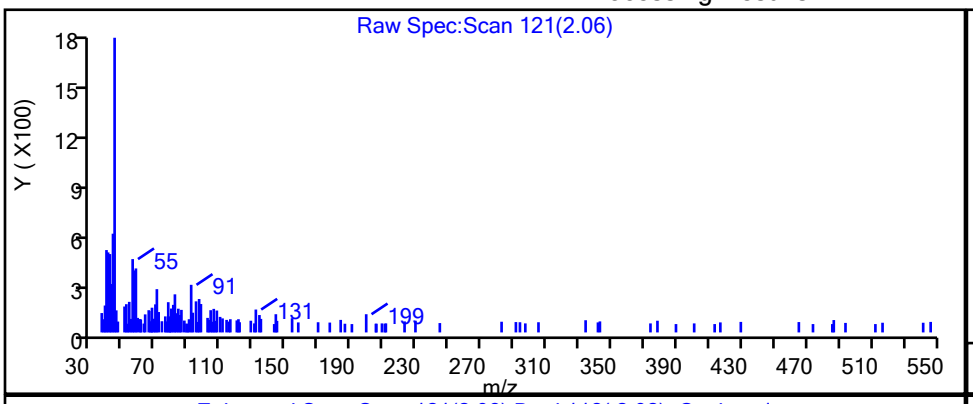
User Disabled Compound Report

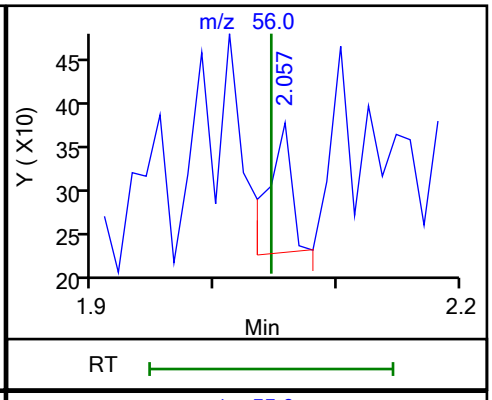
Eurofins Edison

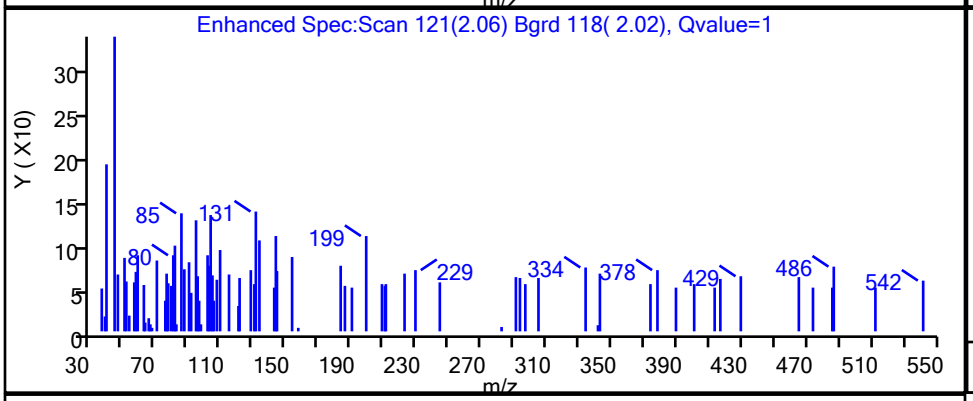
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

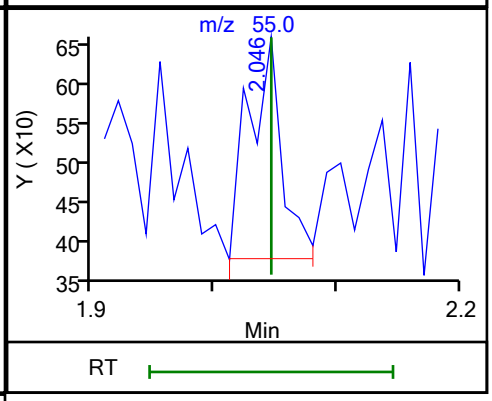
17 Acrolein, CAS: 107-02-8

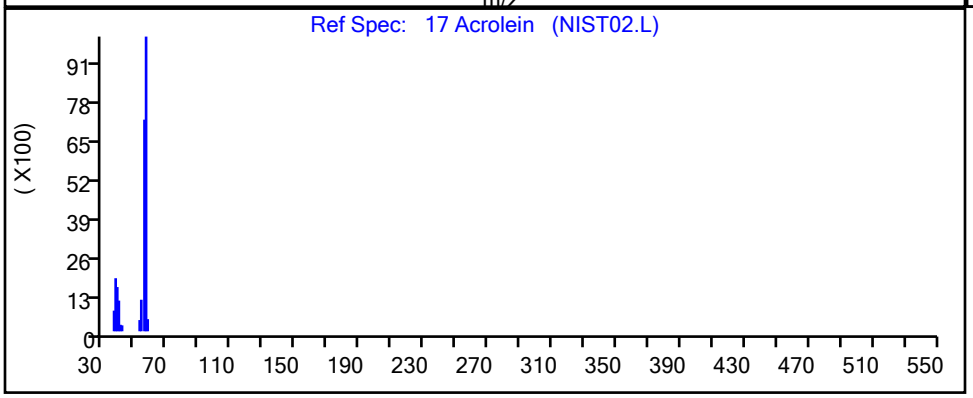
Processing Results











RT	Mass	Response	Amount
2.06	56.00	200	0.679058
2.05	55.00	545	

Reviewer: NN6A, 21-Apr-2025 08:49:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

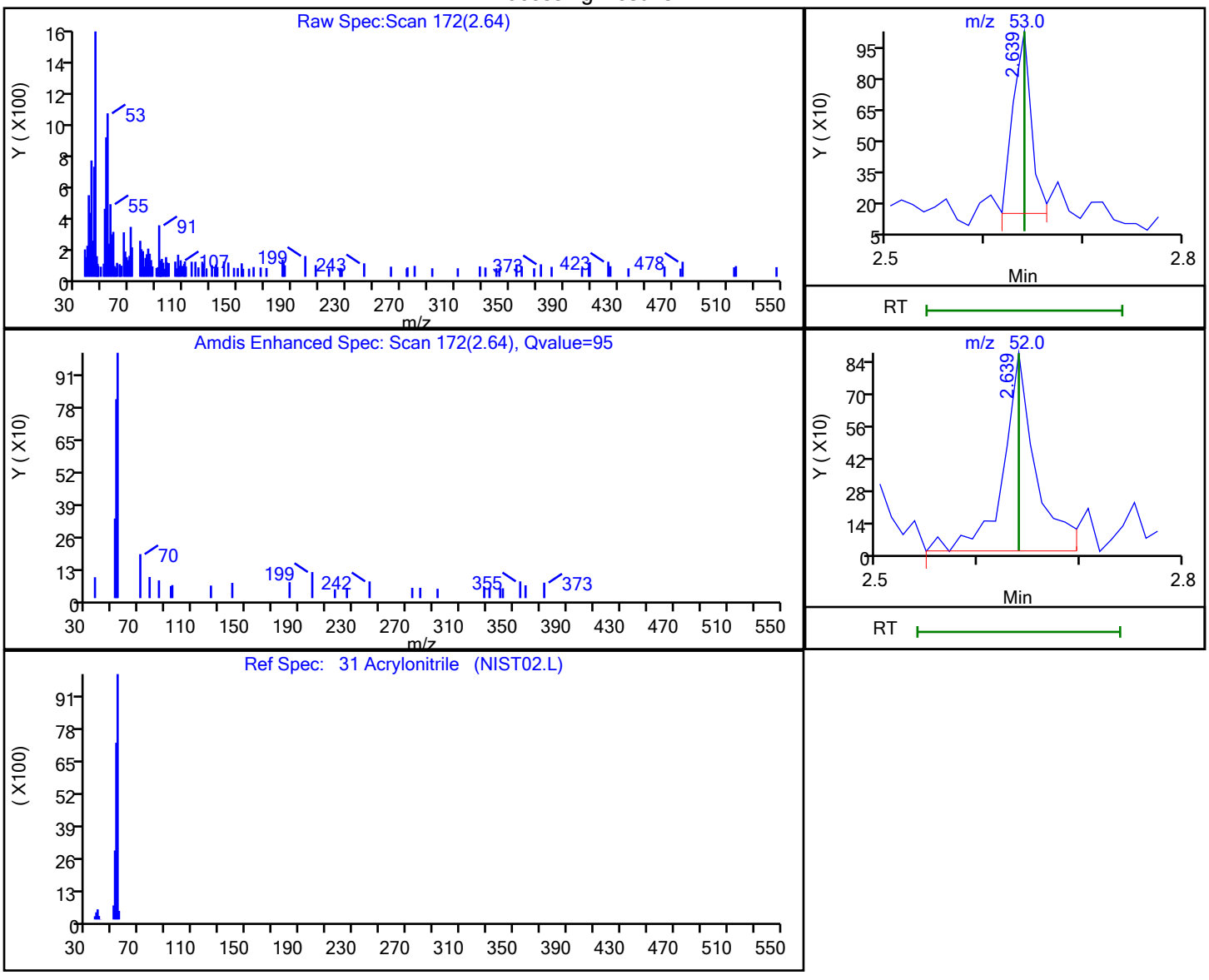
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
2.64	53.00	1131	1.538065
2.64	52.00	1952	

Reviewer: NN6A, 21-Apr-2025 08:49:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

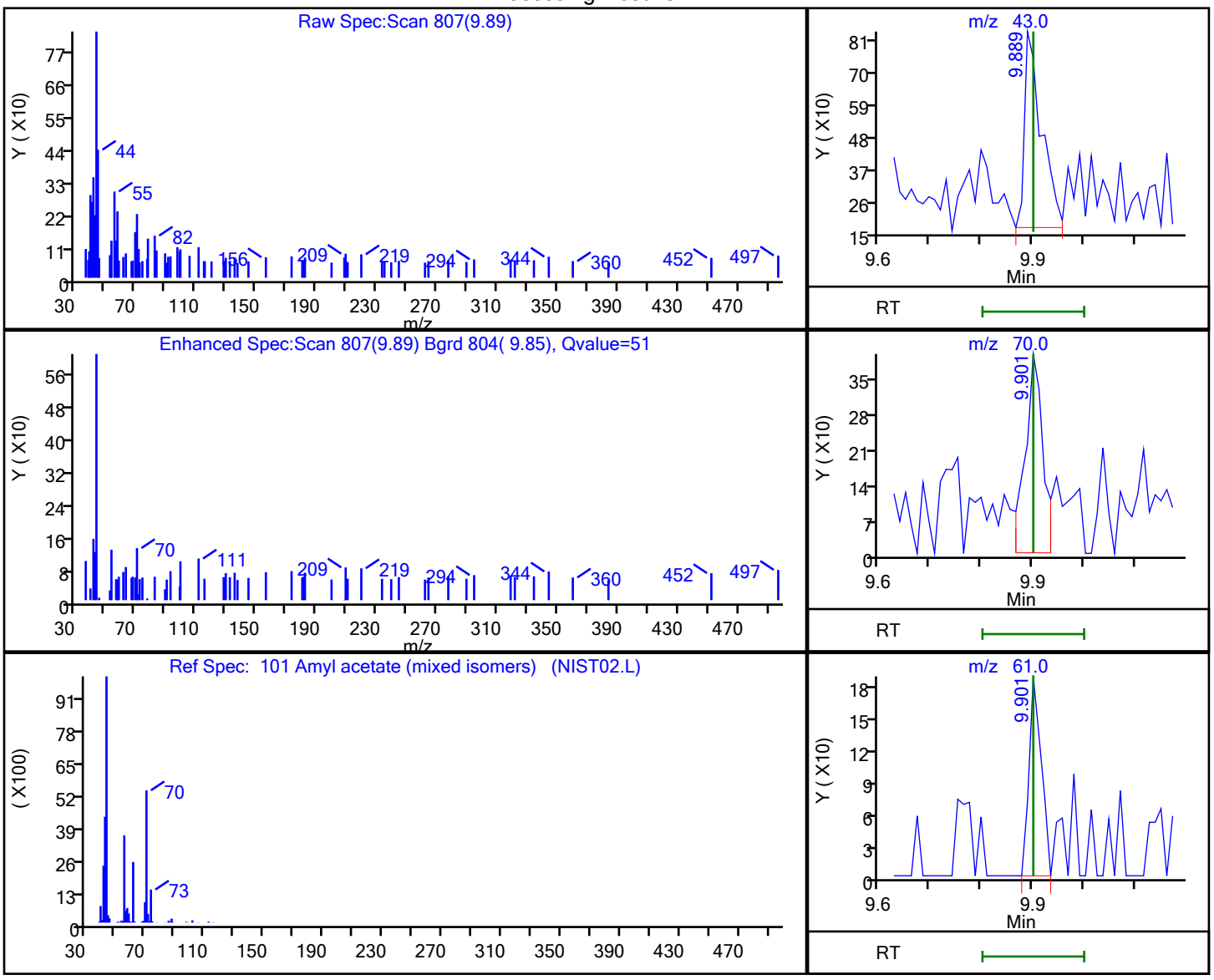
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.89	43.00	1539	0.246704
9.90	70.00	962	
9.90	61.00	319	

Reviewer: NN6A, 21-Apr-2025 08:51:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

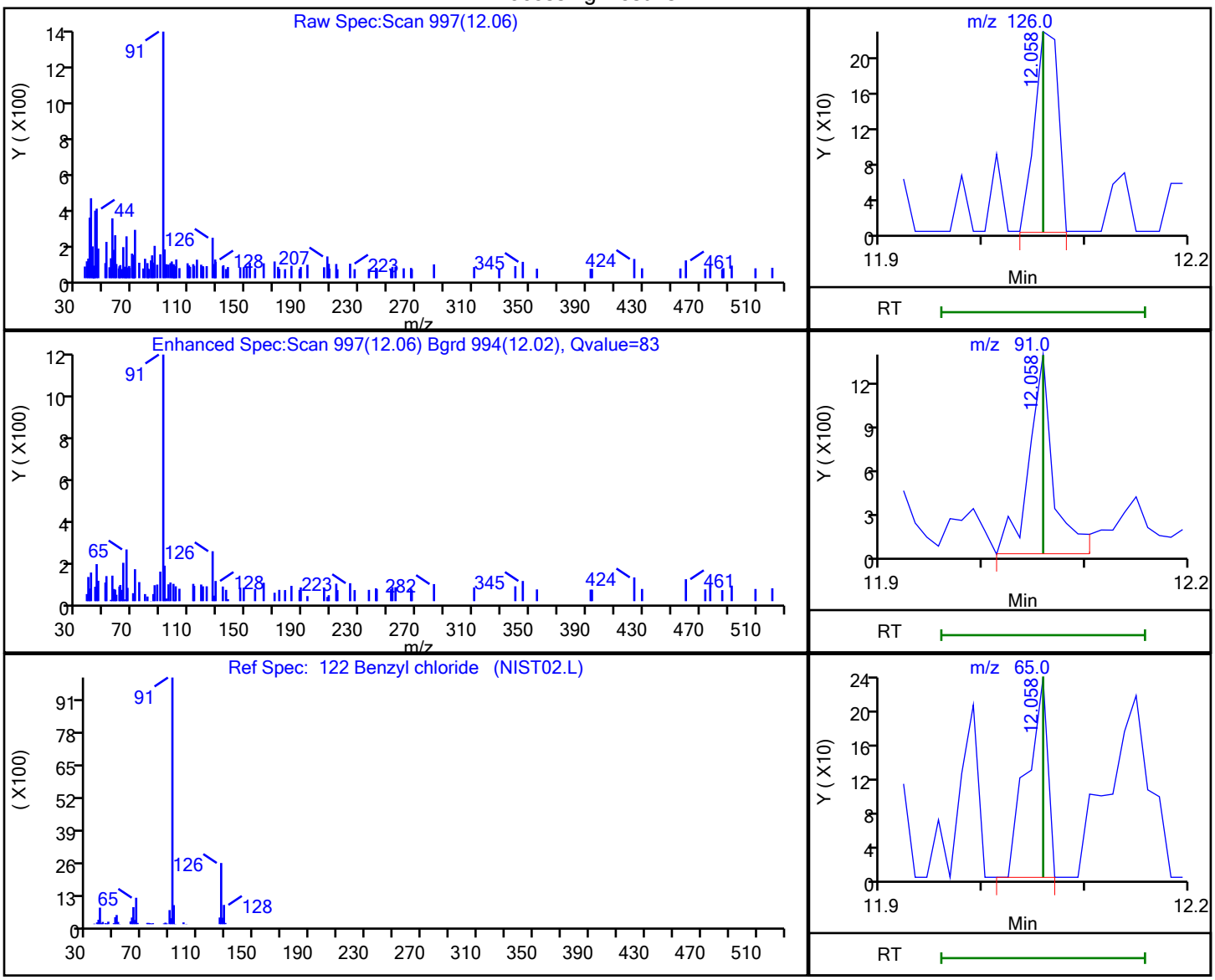
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
12.06	126.00	360	0.258543
12.06	91.00	2289	
12.06	65.00	325	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

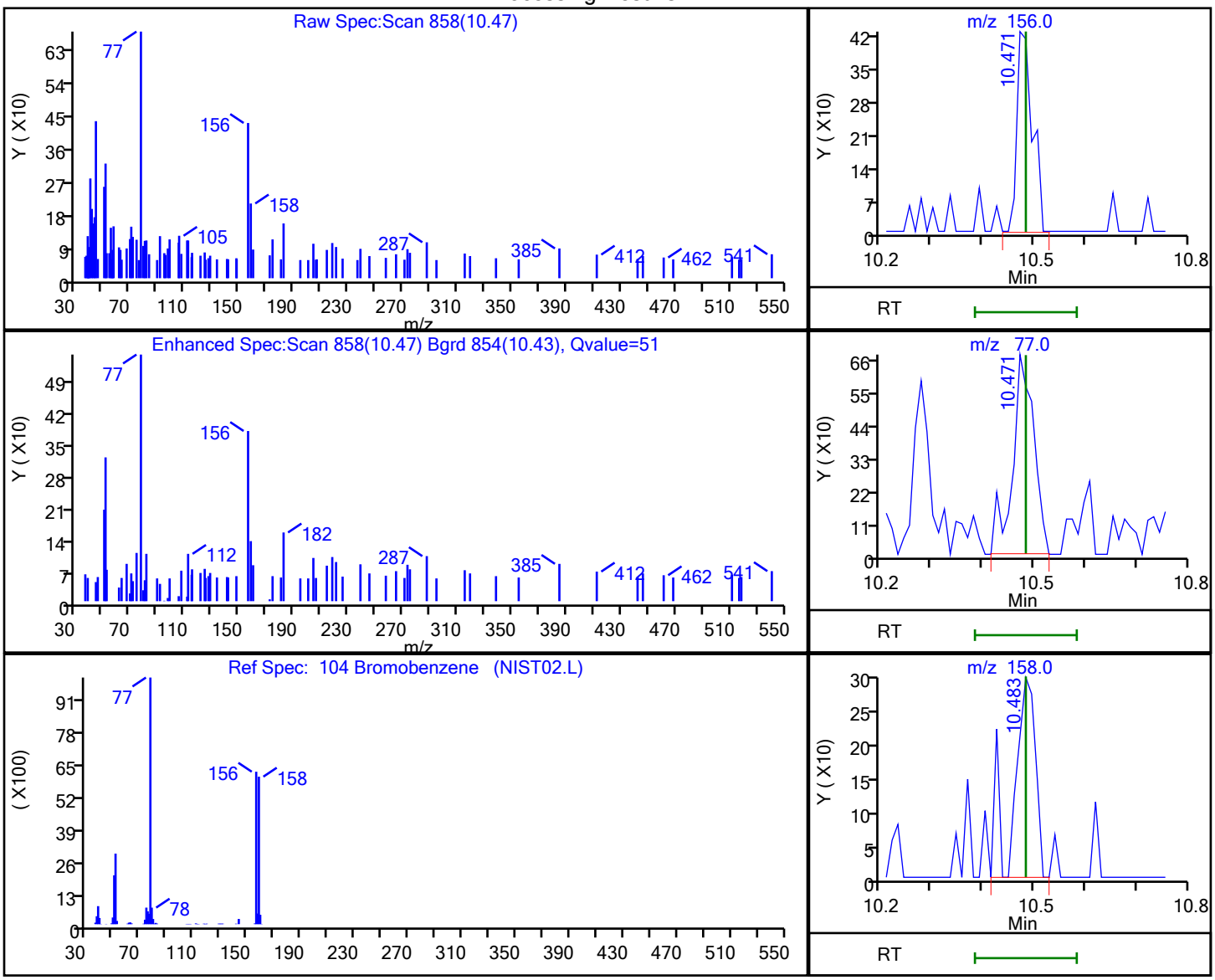
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

104 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
10.47	156.00	904	0.271895
10.47	77.00	1982	
10.48	158.00	849	

Reviewer: NN6A, 21-Apr-2025 08:51:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

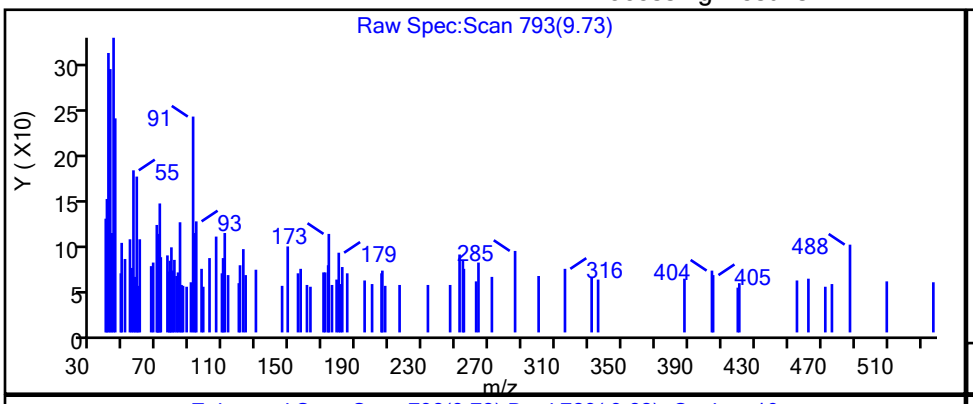
User Disabled Compound Report

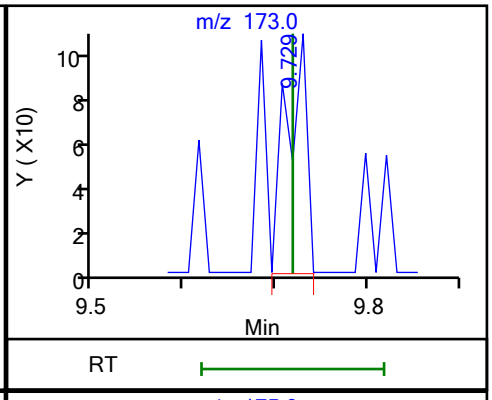
Eurofins Edison

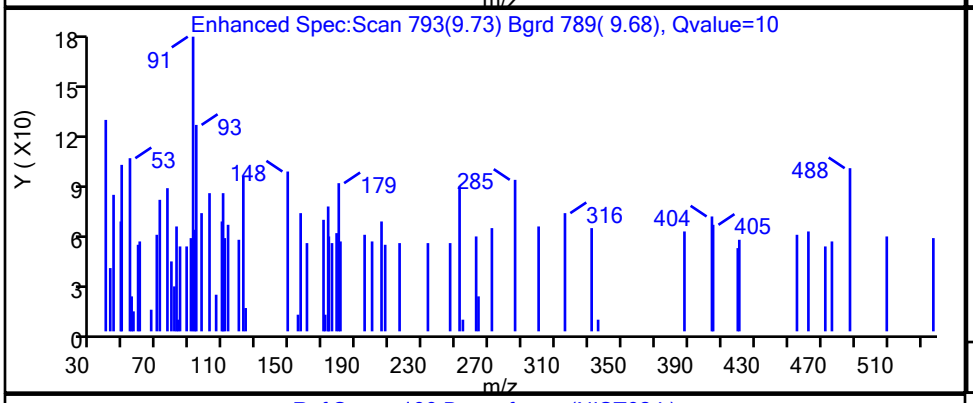
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

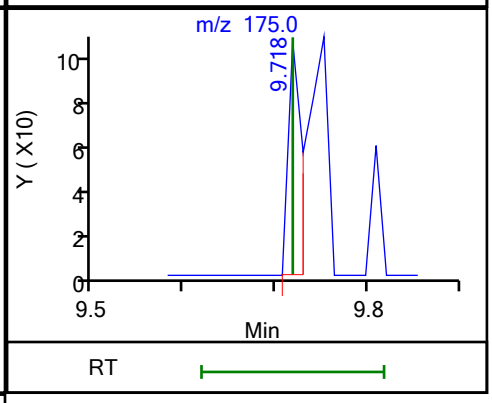
100 Bromoform, CAS: 75-25-2

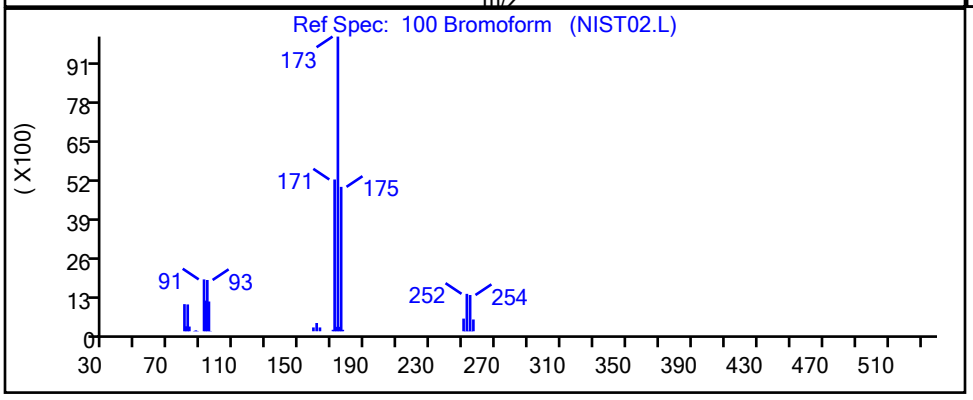
Processing Results











RT	Mass	Response	Amount
9.73	173.00	170	0.093524
9.72	175.00	105	

Reviewer: NN6A, 21-Apr-2025 08:51:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

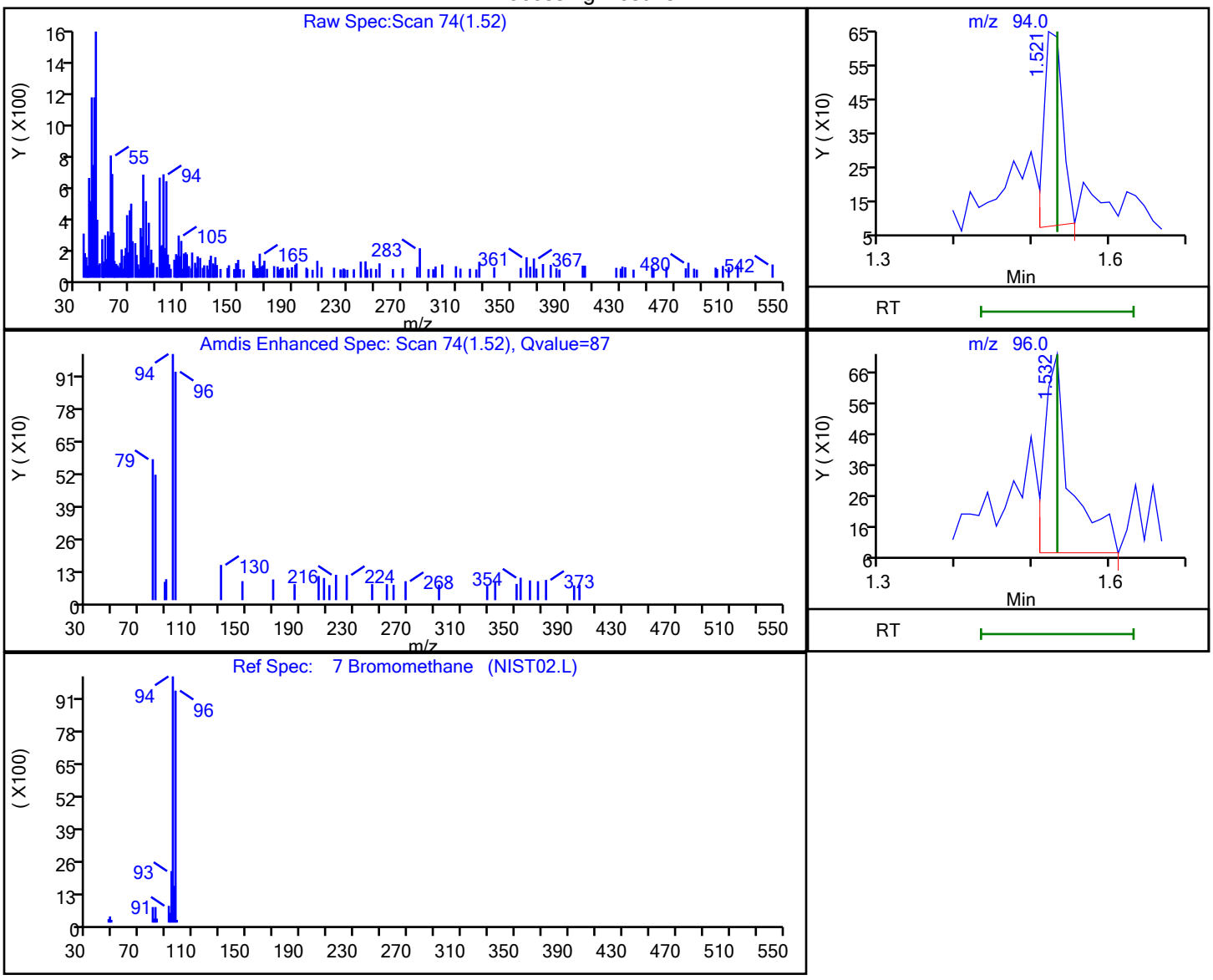
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.52	94.00	983	0.274126
1.53	96.00	1567	

Reviewer: NN6A, 21-Apr-2025 08:49:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

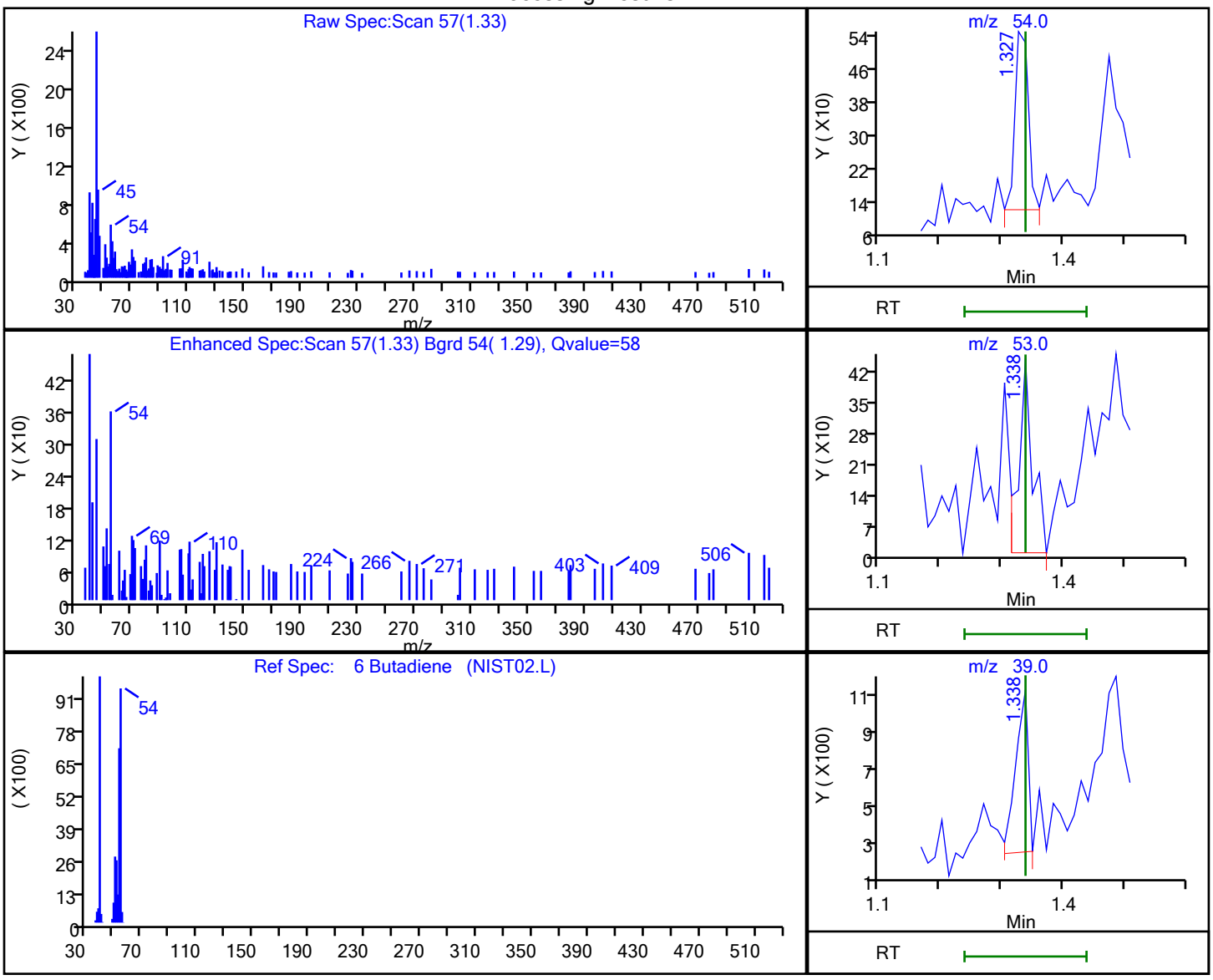
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.33	54.00	649	0.153473
1.34	53.00	706	
1.34	39.00	1169	

Reviewer: NN6A, 21-Apr-2025 08:49:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

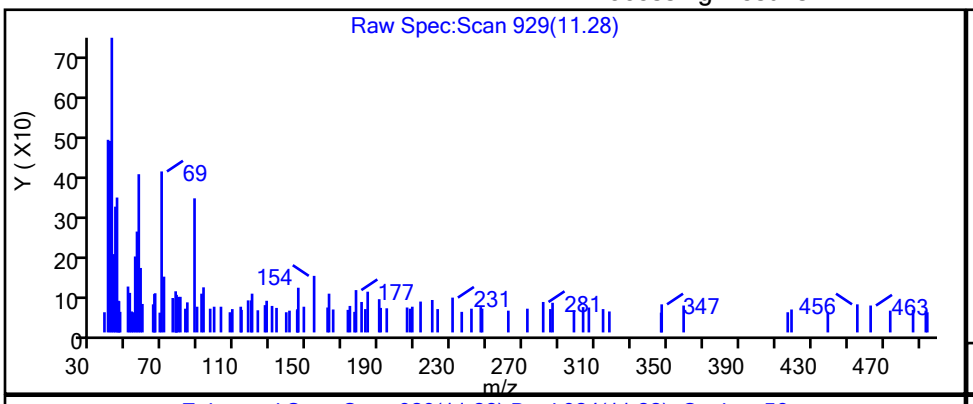
User Disabled Compound Report

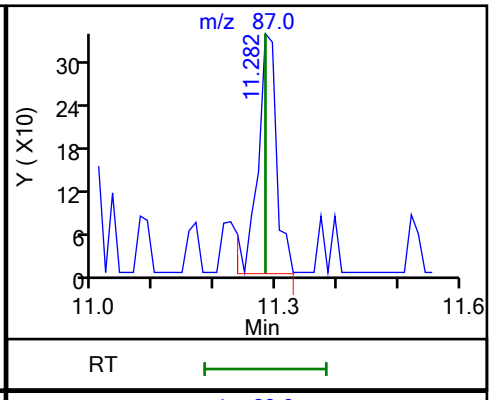
Eurofins Edison

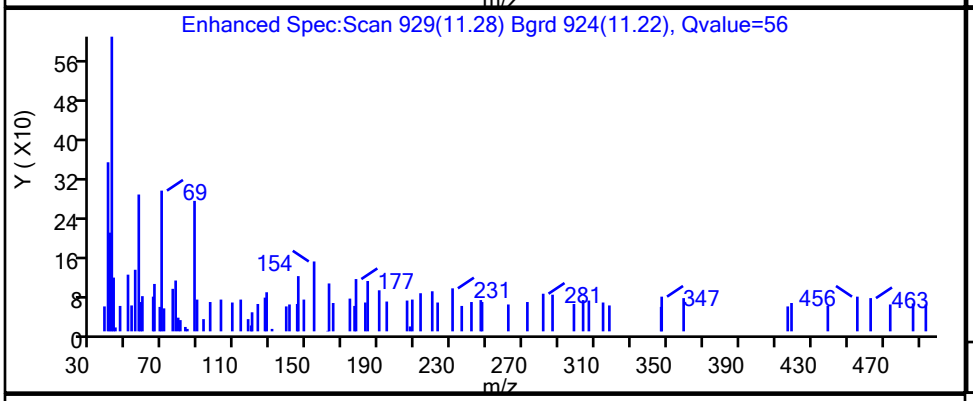
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

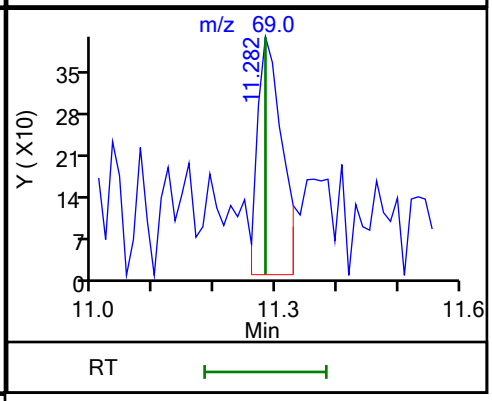
113 Butyl Methacrylate, CAS: 97-88-1

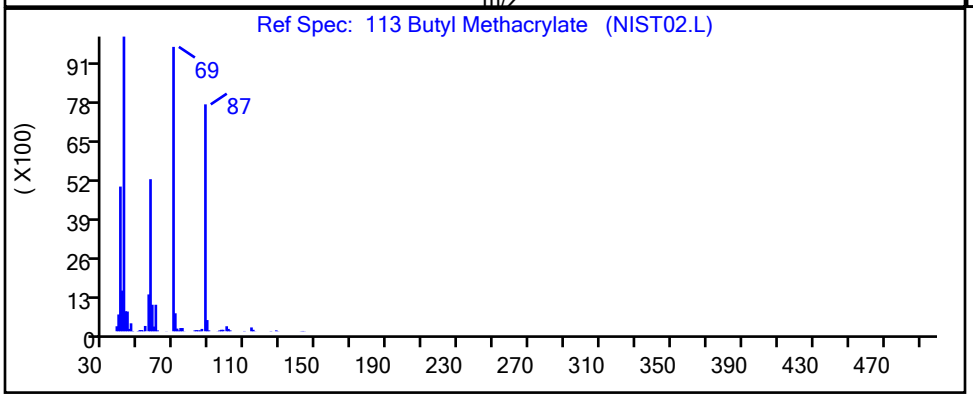
Processing Results











RT	Mass	Response	Amount
11.28	87.00	725	0.208568
11.28	69.00	1137	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

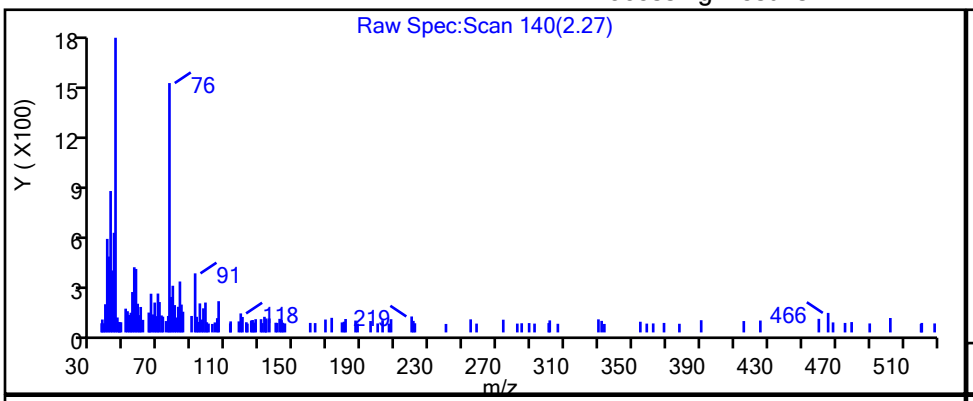
User Disabled Compound Report

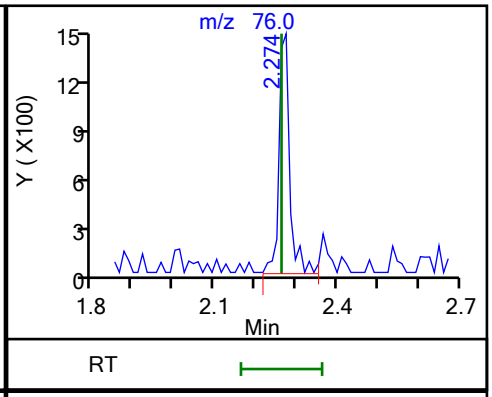
Eurofins Edison

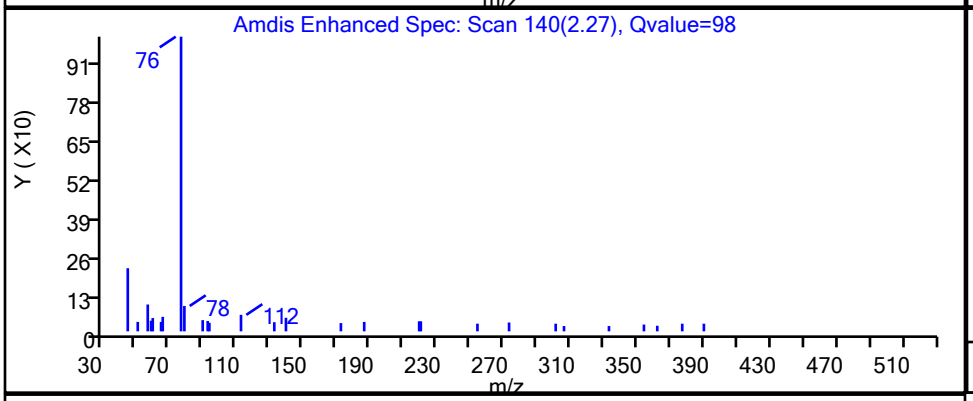
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

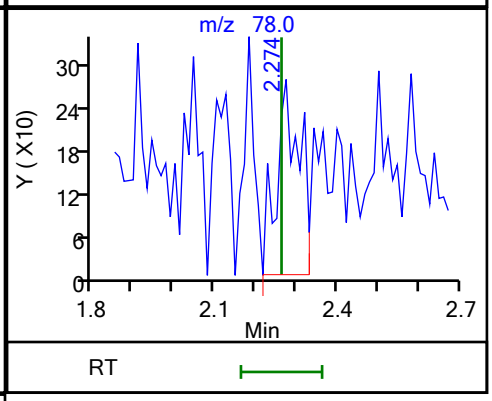
23 Carbon disulfide, CAS: 75-15-0

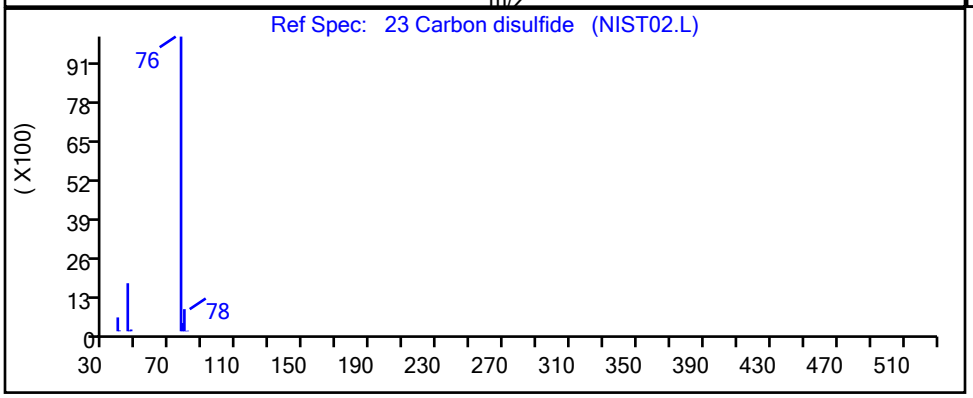
Processing Results











RT	Mass	Response	Amount
2.27	76.00	2675	0.237959
2.27	78.00	1094	

Reviewer: NN6A, 21-Apr-2025 08:49:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

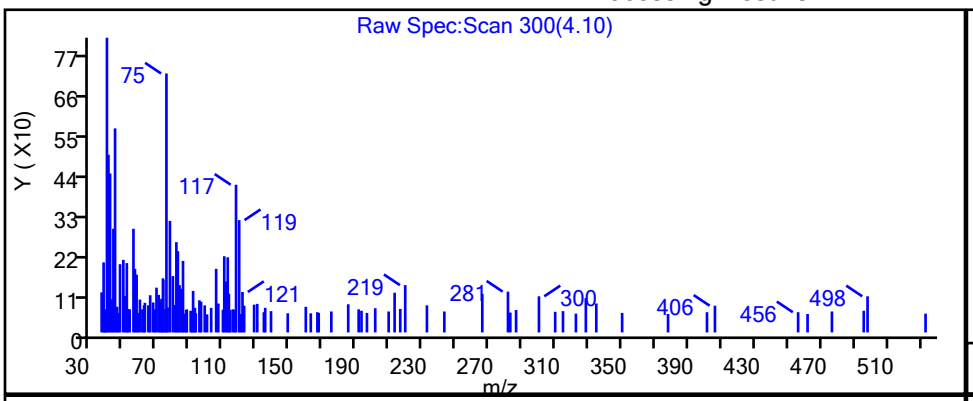
User Disabled Compound Report

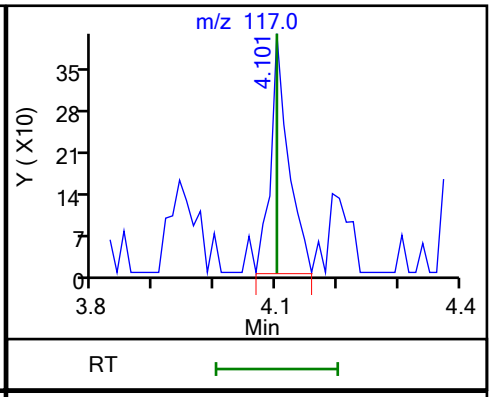
Eurofins Edison

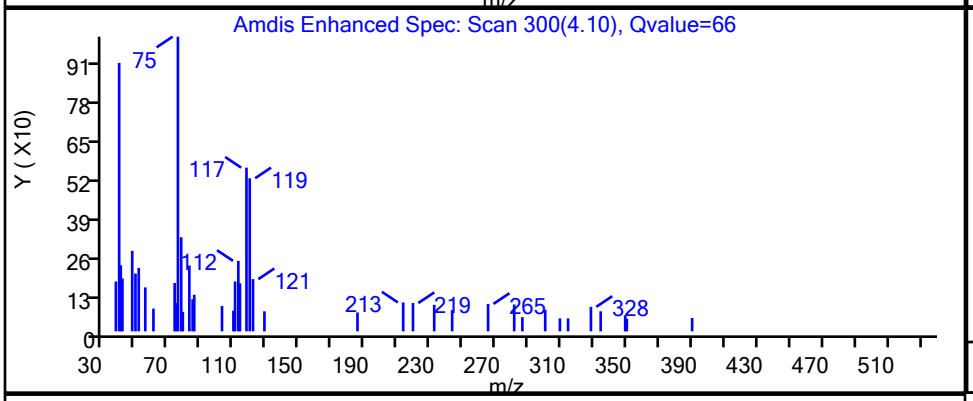
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

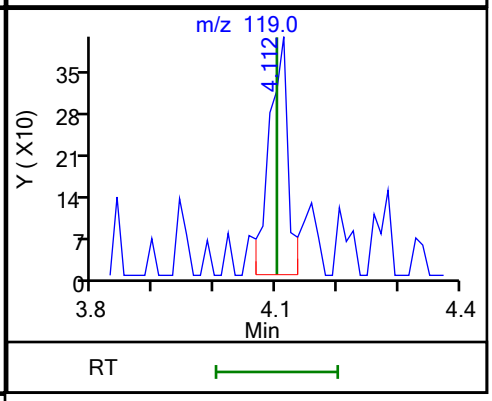
54 Carbon tetrachloride, CAS: 56-23-5

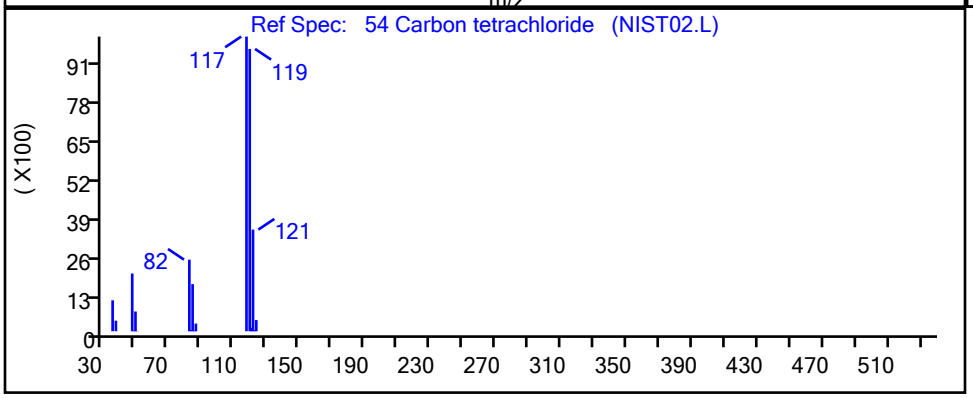
Processing Results











RT	Mass	Response	Amount
4.10	117.00	817	0.208788
4.11	119.00	868	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

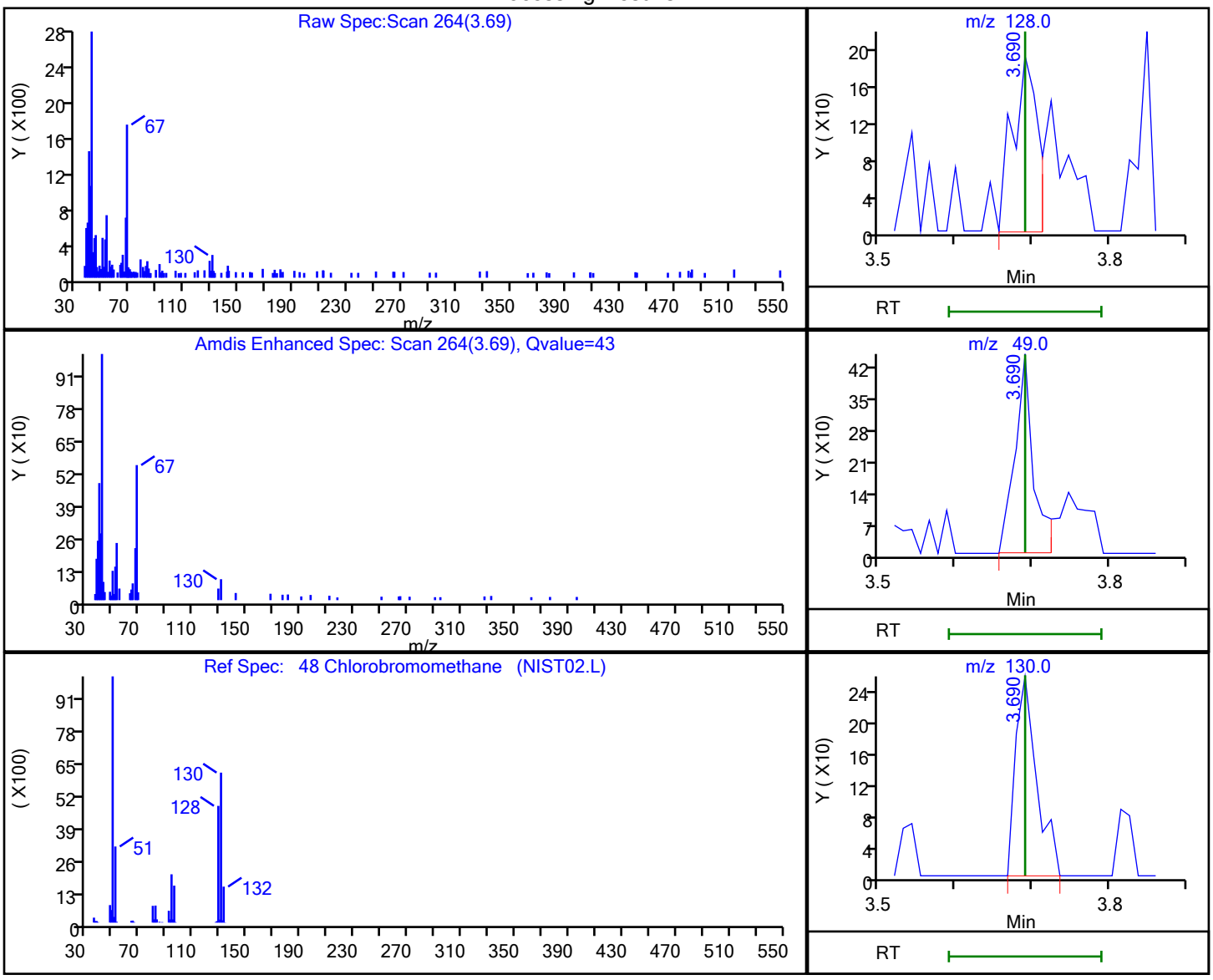
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.69	128.00	429	0.295627
3.69	49.00	749	
3.69	130.00	485	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

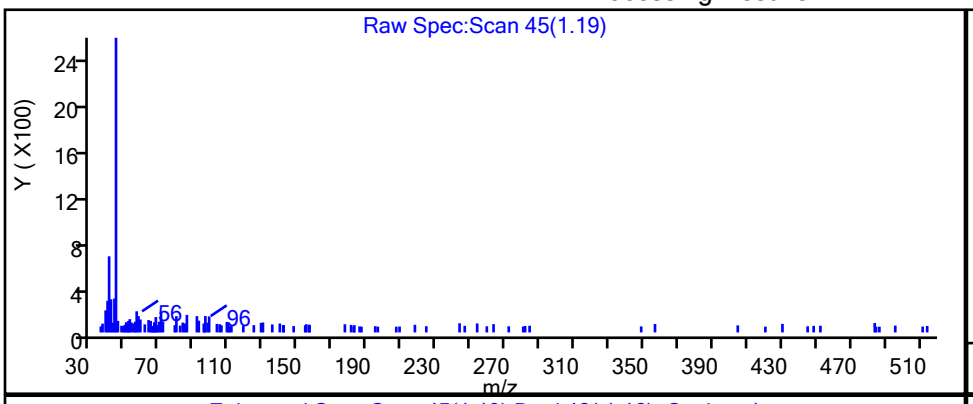
User Disabled Compound Report

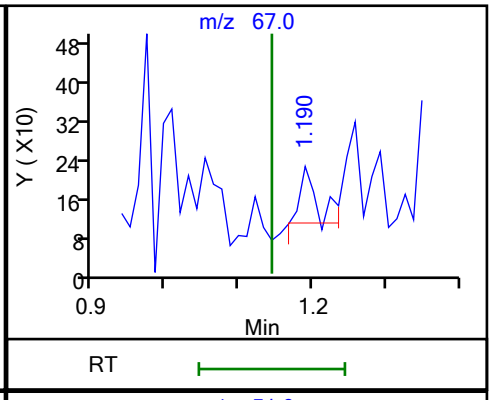
Eurofins Edison

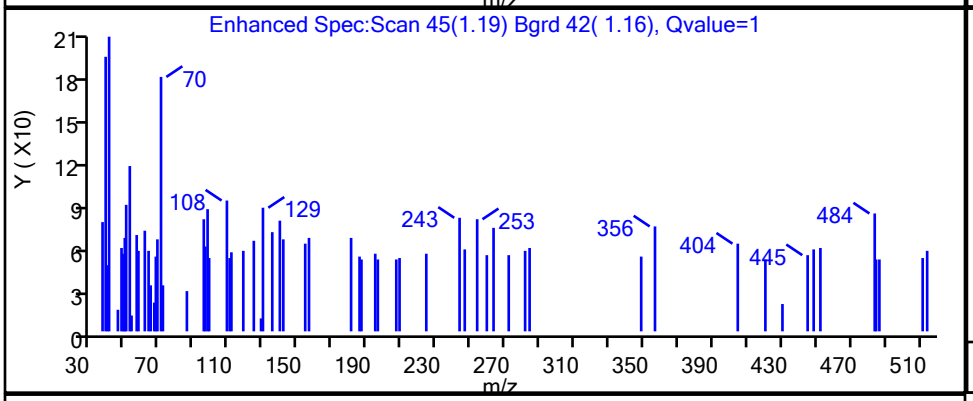
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

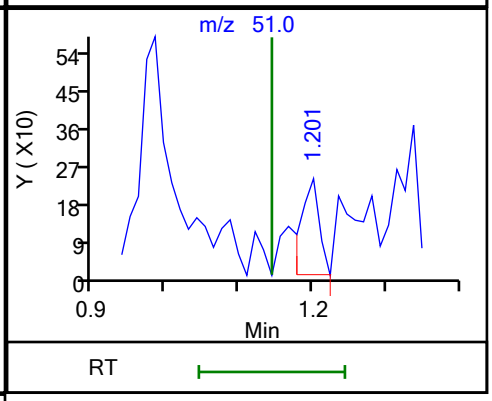
3 Chlorodifluoromethane, CAS: 75-45-6

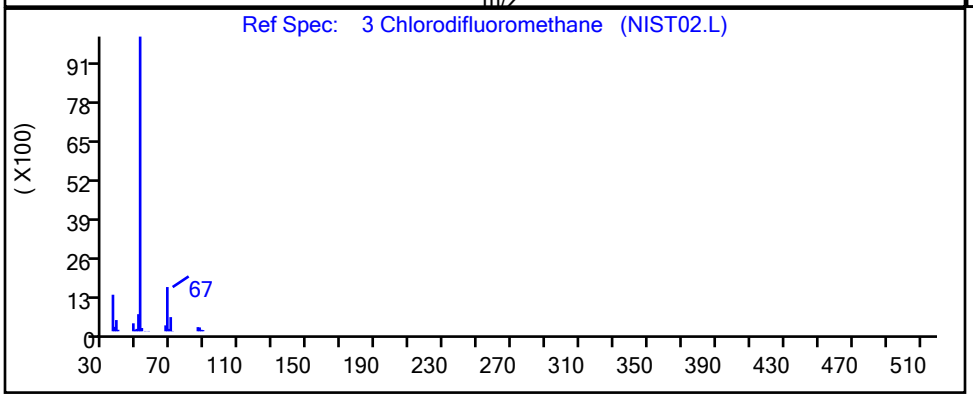
Processing Results











RT	Mass	Response	Amount
1.19	67.00	203	0.275600
1.20	51.00	406	

Reviewer: NN6A, 21-Apr-2025 08:49:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

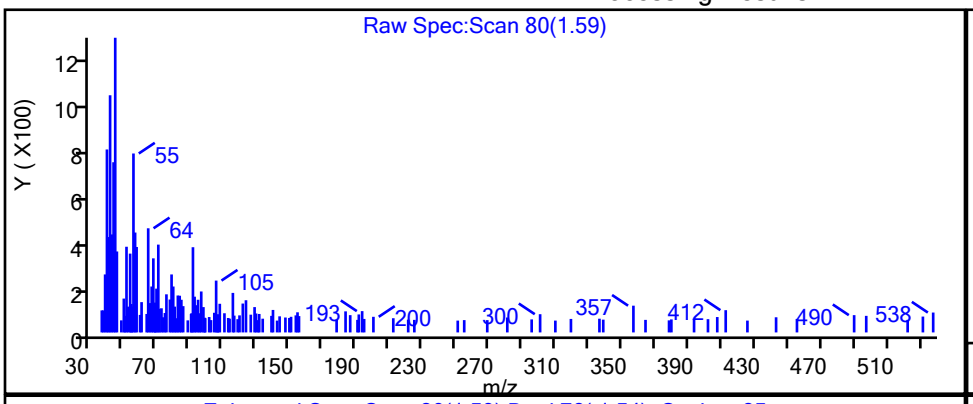
User Disabled Compound Report

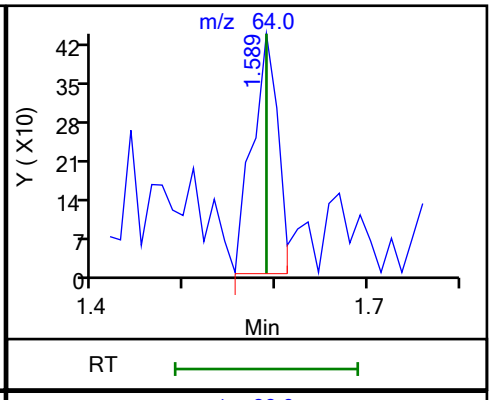
Eurofins Edison

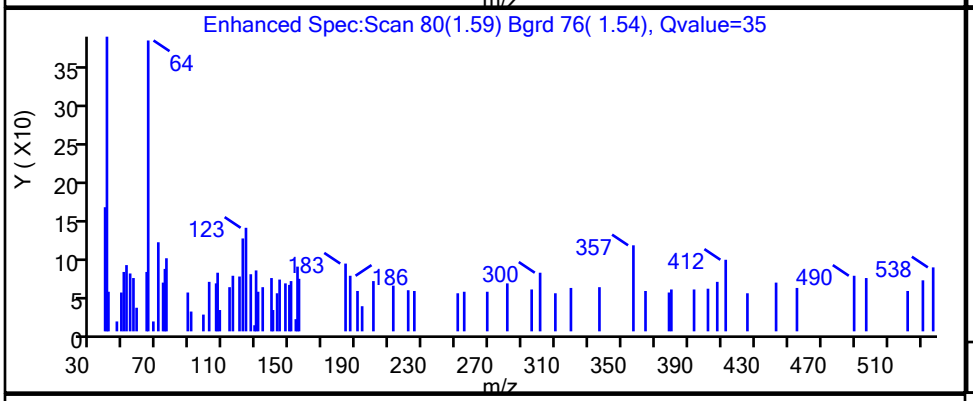
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

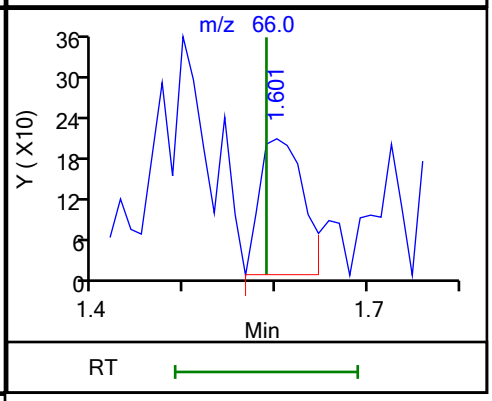
8 Chloroethane, CAS: 75-00-3

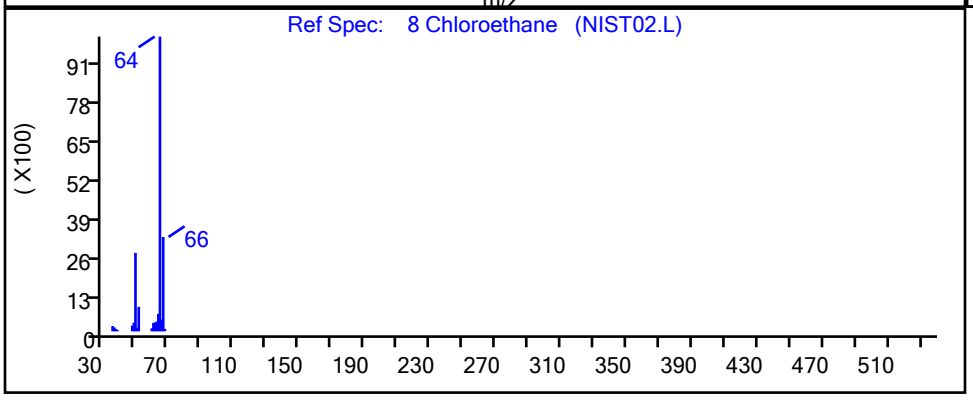
Processing Results











RT	Mass	Response	Amount
1.59	64.00	852	0.314263
1.60	66.00	682	

Reviewer: NN6A, 21-Apr-2025 08:49:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

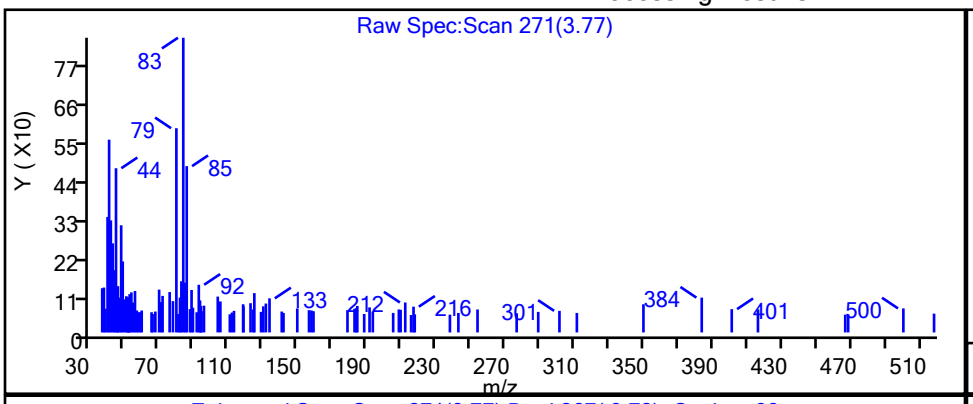
User Disabled Compound Report

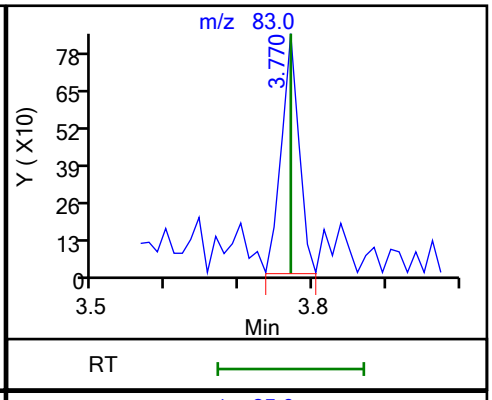
Eurofins Edison

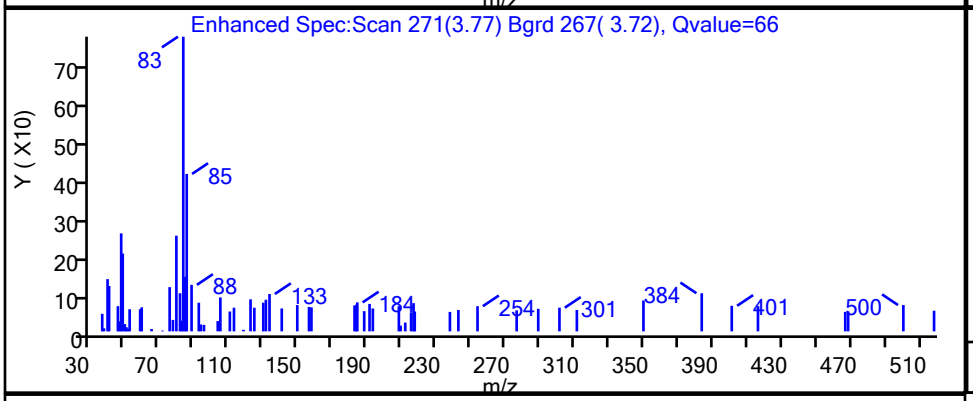
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

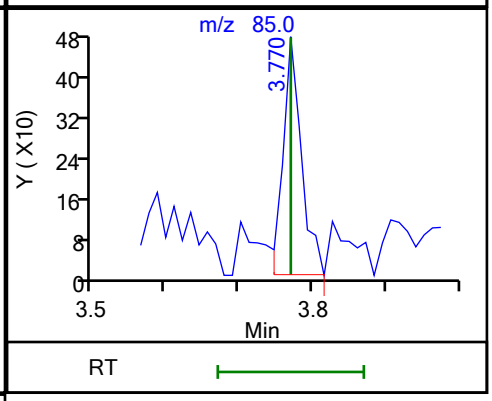
50 Chloroform, CAS: 67-66-3

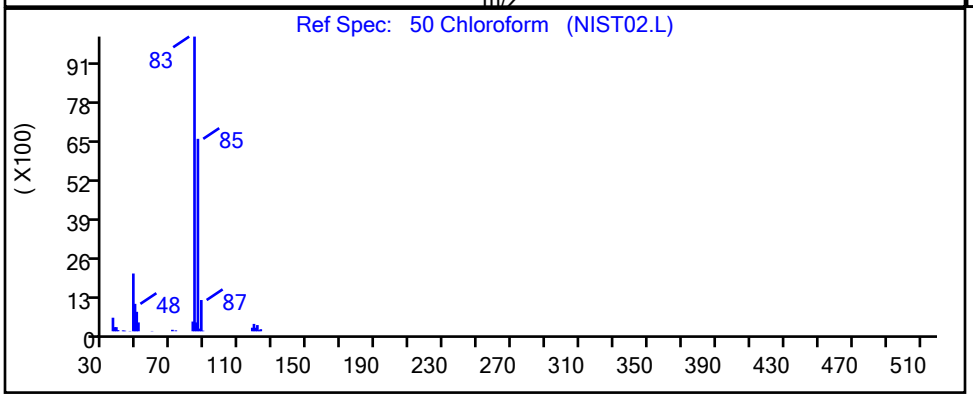
Processing Results











RT	Mass	Response	Amount
3.77	83.00	1402	0.247742
3.77	85.00	836	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

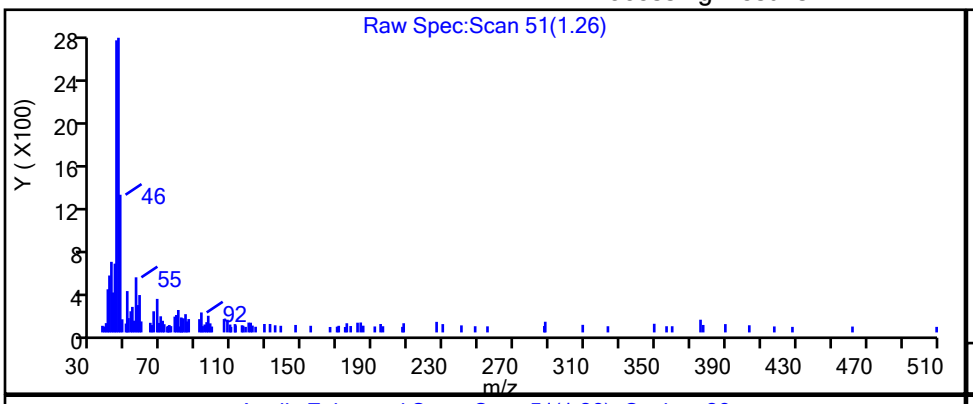
User Disabled Compound Report

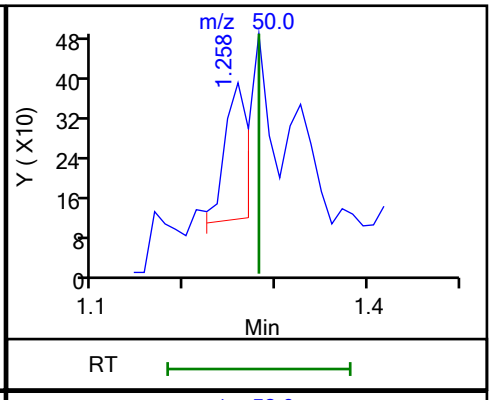
Eurofins Edison

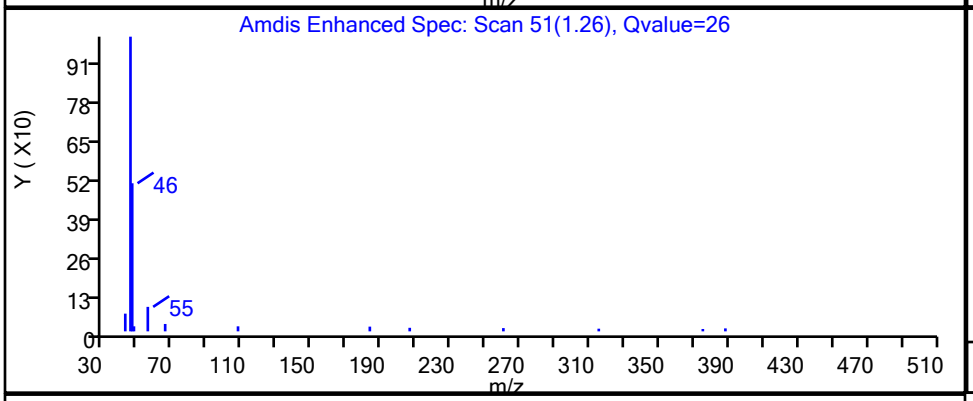
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

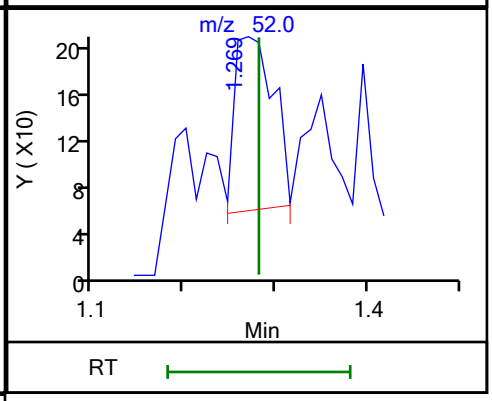
4 Chloromethane, CAS: 74-87-3

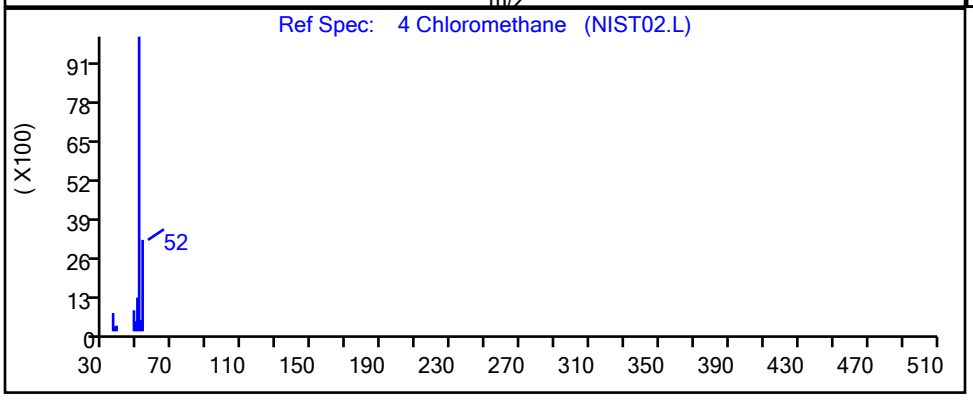
Processing Results











RT	Mass	Response	Amount
1.26	50.00	500	0.093225
1.27	52.00	436	

Reviewer: NN6A, 21-Apr-2025 08:49:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

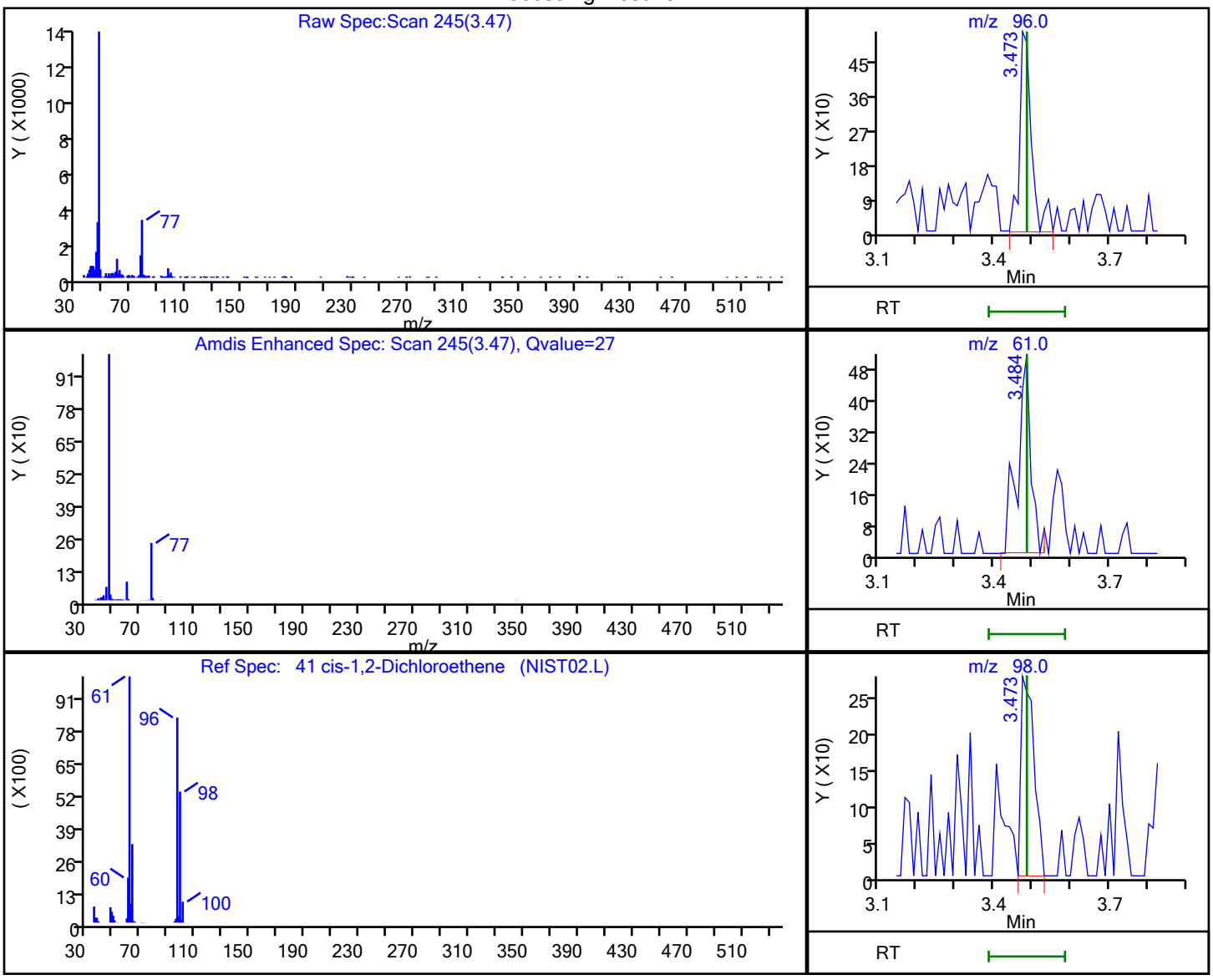
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.47	96.00	1127	0.358330
3.48	61.00	1270	
3.47	98.00	670	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

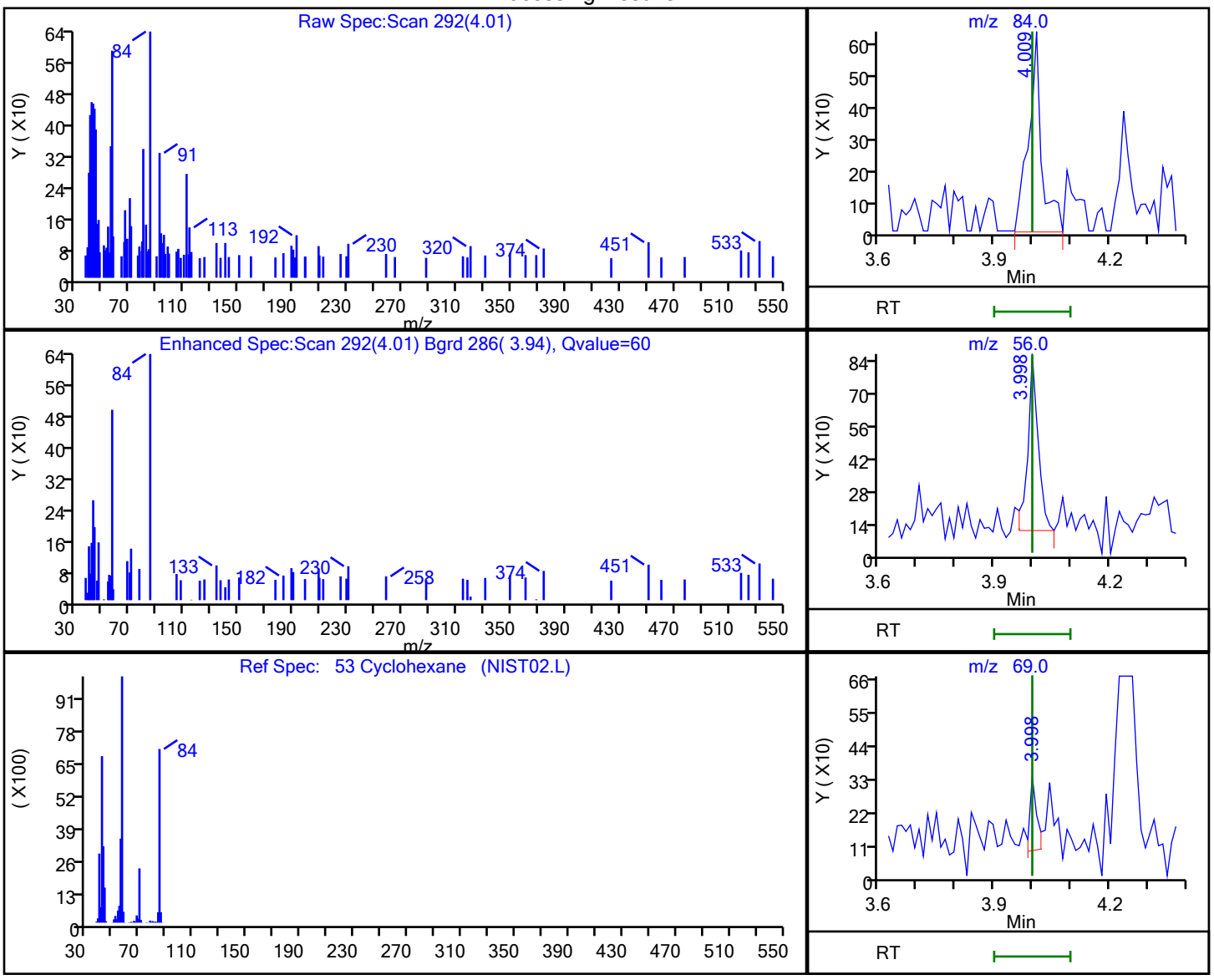
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.01	84.00	1488	0.322728
4.00	56.00	1454	
4.00	69.00	316	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

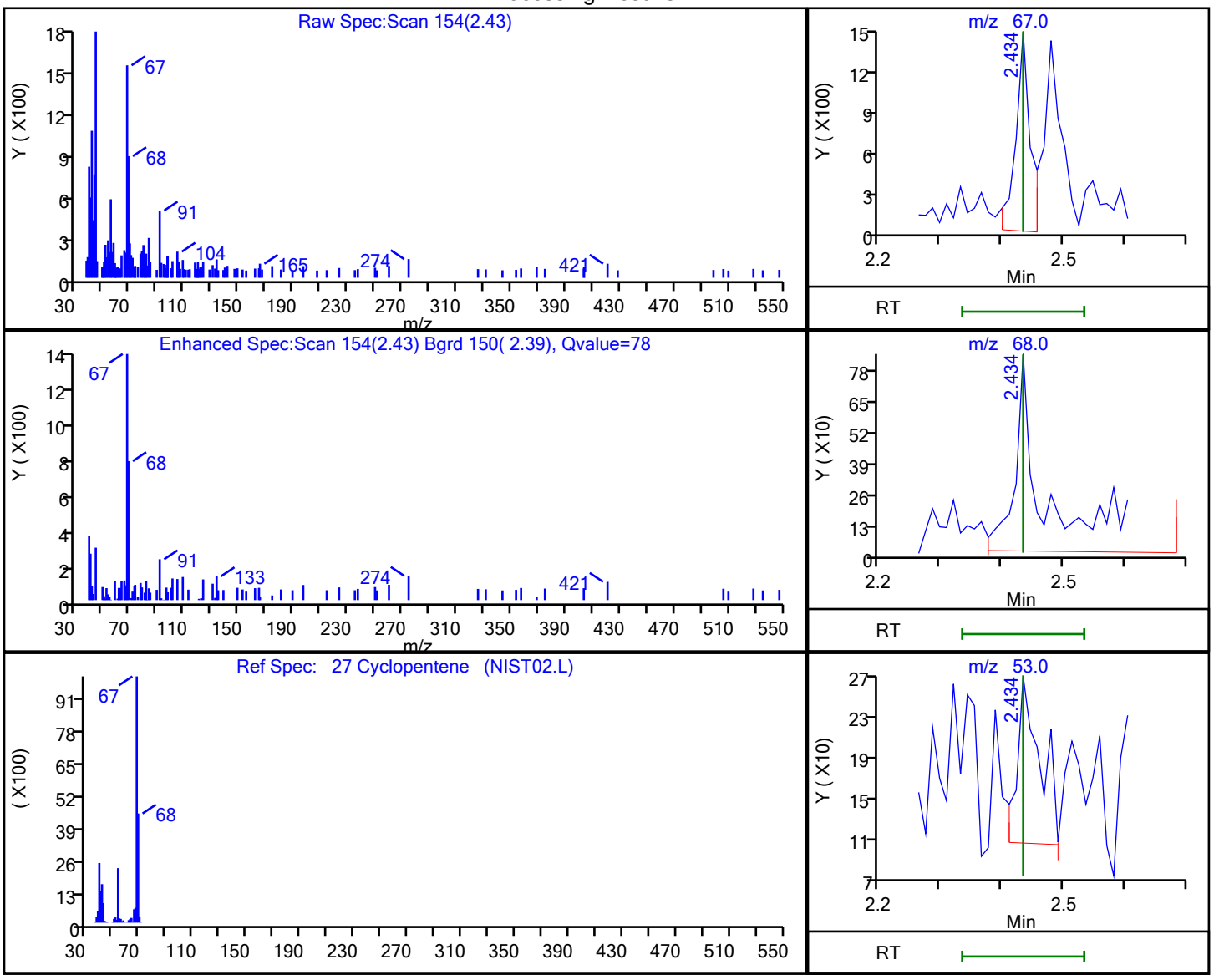
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.43	67.00	2376	0.245829
2.43	68.00	3304	
2.43	53.00	399	

Reviewer: NN6A, 21-Apr-2025 08:49:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

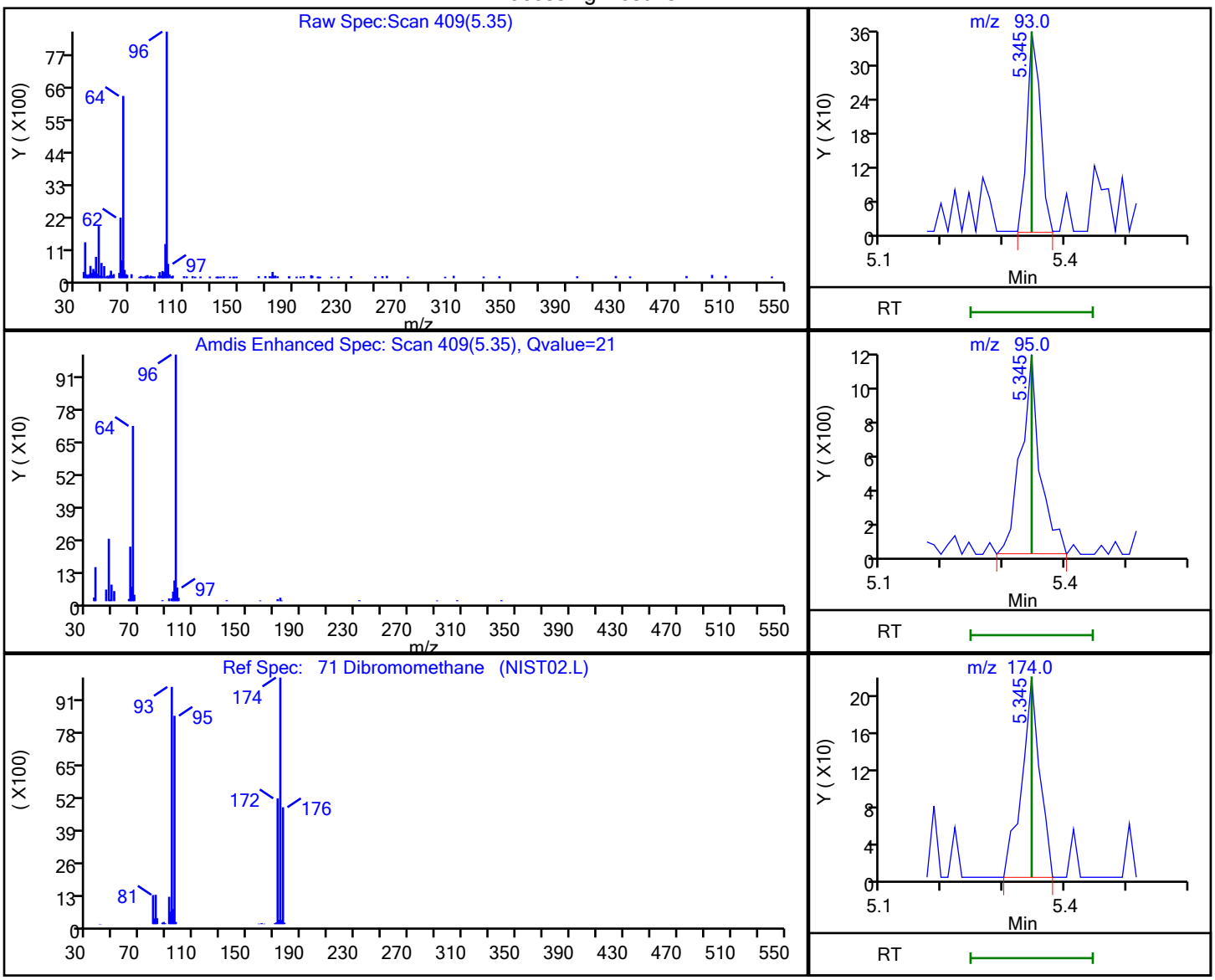
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
5.35	93.00	536	0.270337
5.35	95.00	2556	
5.35	174.00	438	

Reviewer: NN6A, 21-Apr-2025 08:51:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

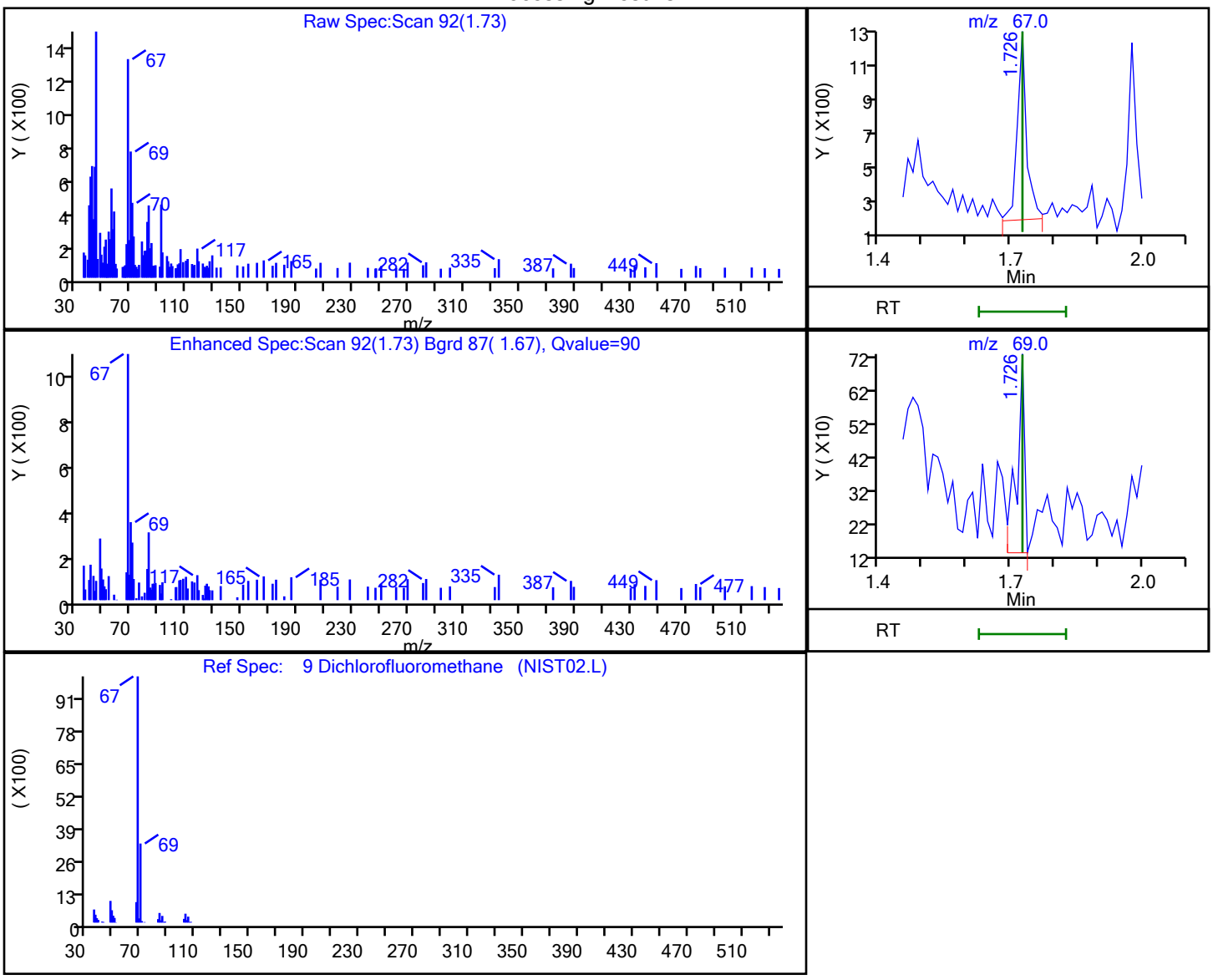
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.73	67.00	1615	0.232568
1.73	69.00	750	

Reviewer: NN6A, 21-Apr-2025 08:49:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

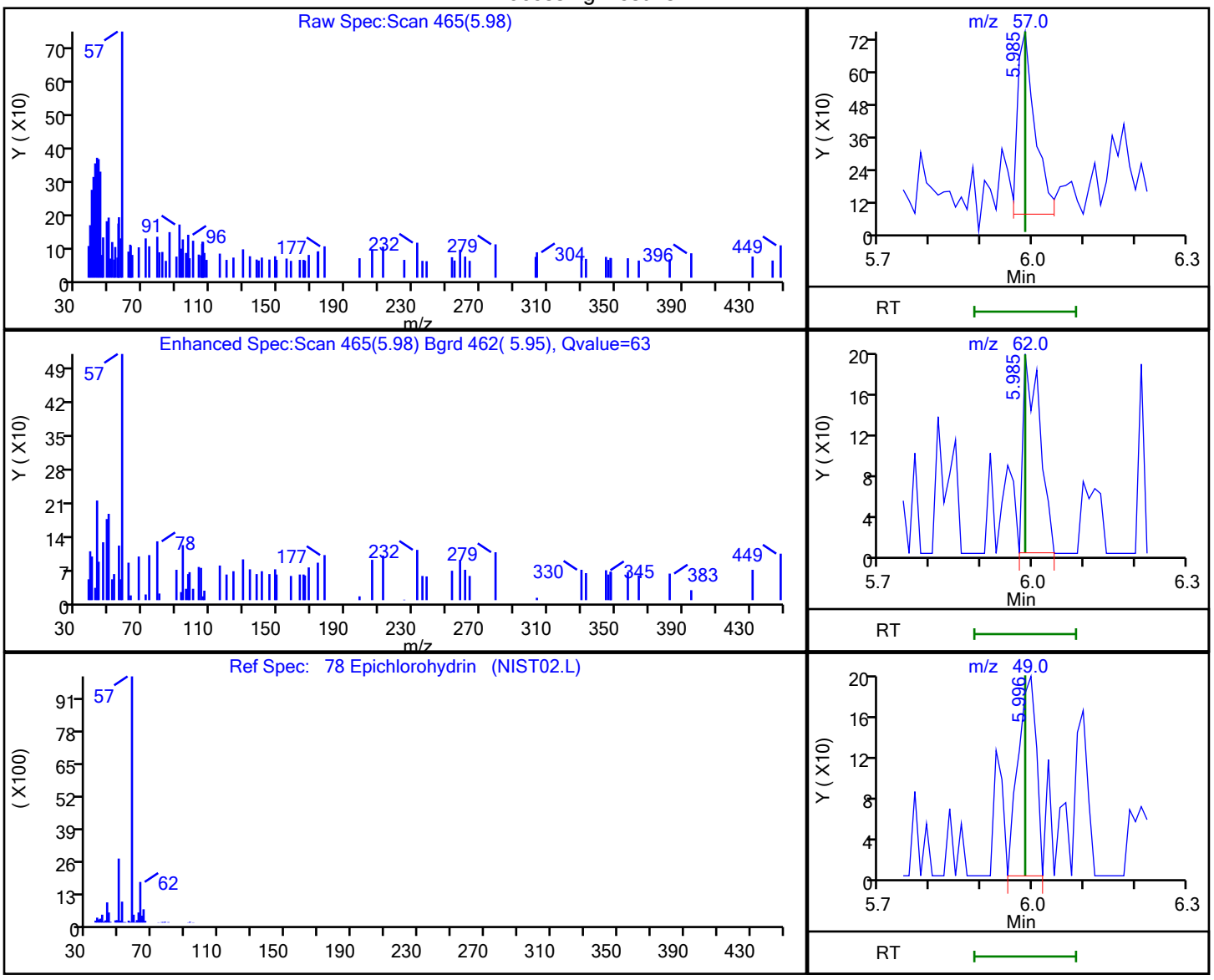
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
5.98	57.00	1598	4.640604
5.98	62.00	448	
6.00	49.00	490	

Reviewer: NN6A, 21-Apr-2025 08:51:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

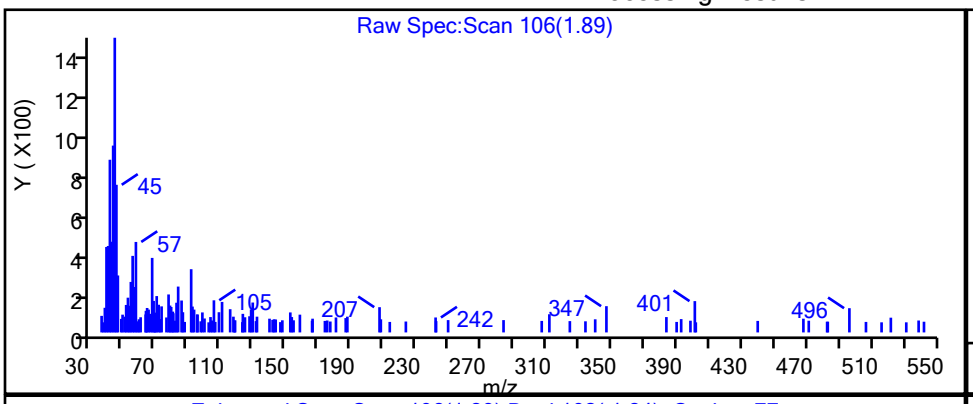
User Disabled Compound Report

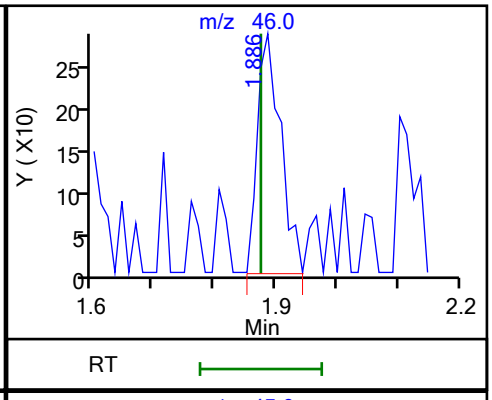
Eurofins Edison

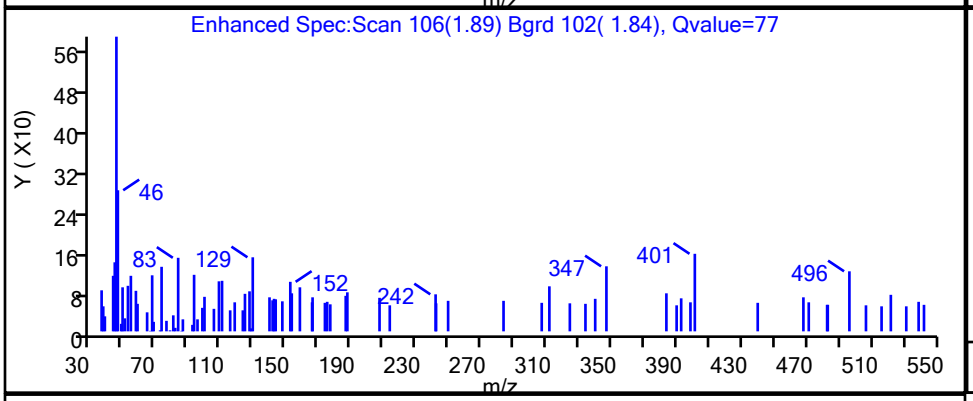
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

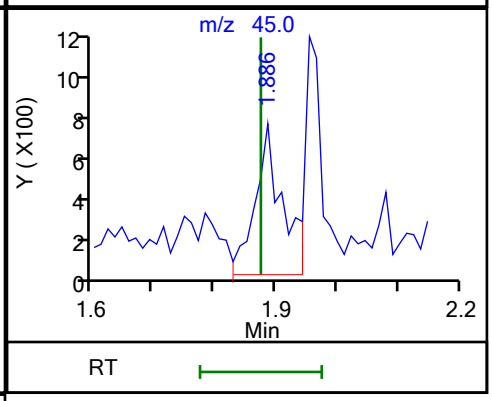
12 Ethanol, CAS: 64-17-5

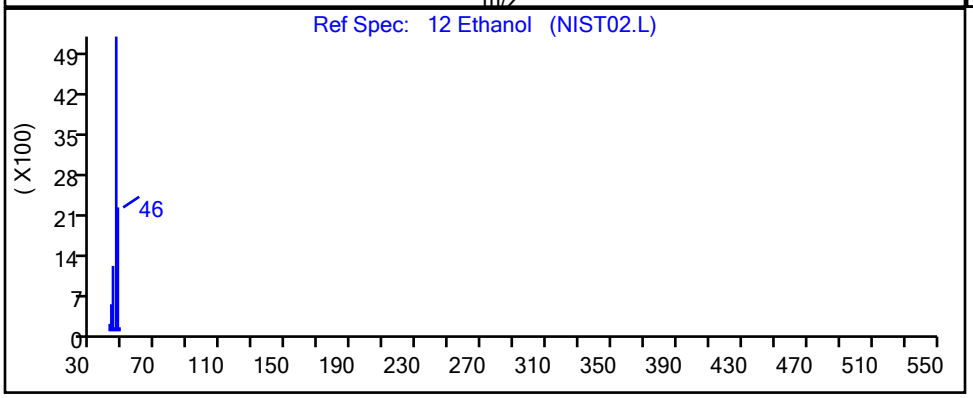
Processing Results











RT	Mass	Response	Amount
1.89	46.00	745	32.594319
1.89	45.00	2317	

Reviewer: NN6A, 21-Apr-2025 08:49:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

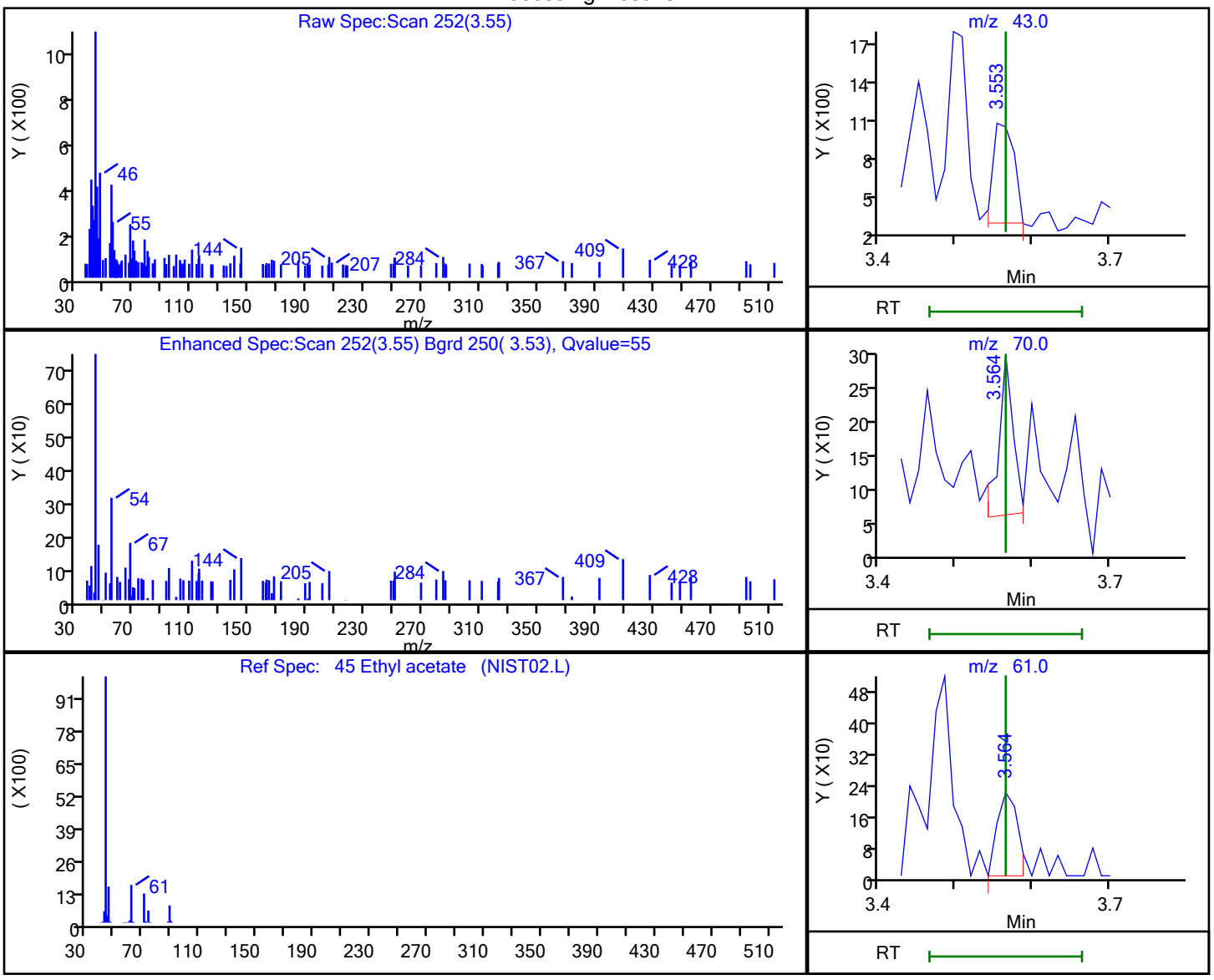
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.55	43.00	1488	0.395023
3.56	70.00	318	
3.56	61.00	405	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

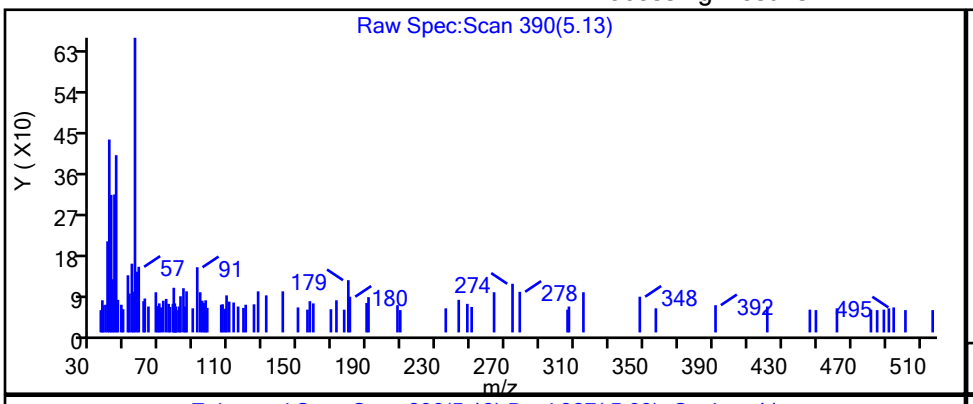
User Disabled Compound Report

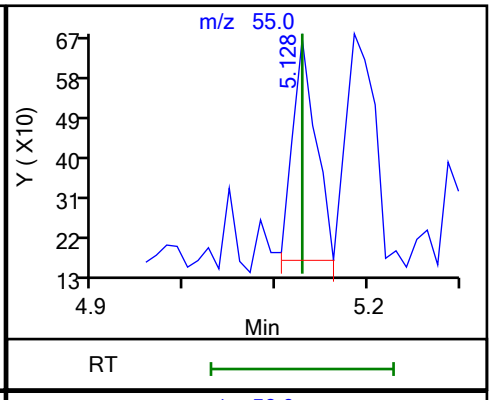
Eurofins Edison

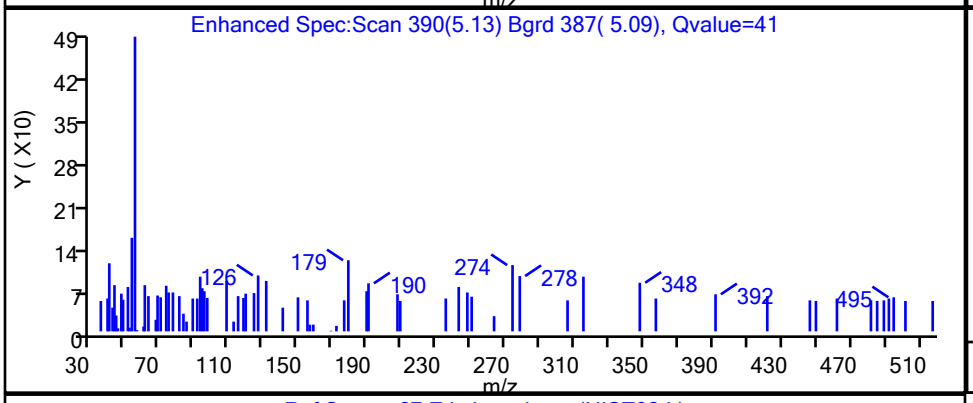
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

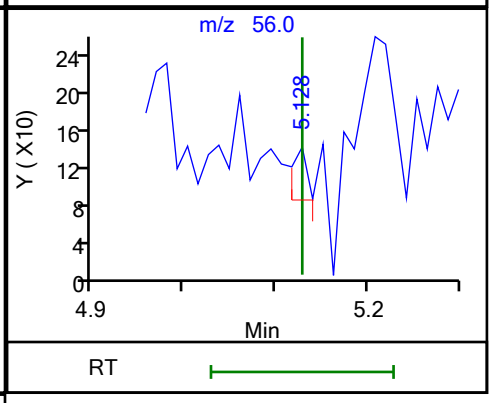
67 Ethyl acrylate, CAS: 140-88-5

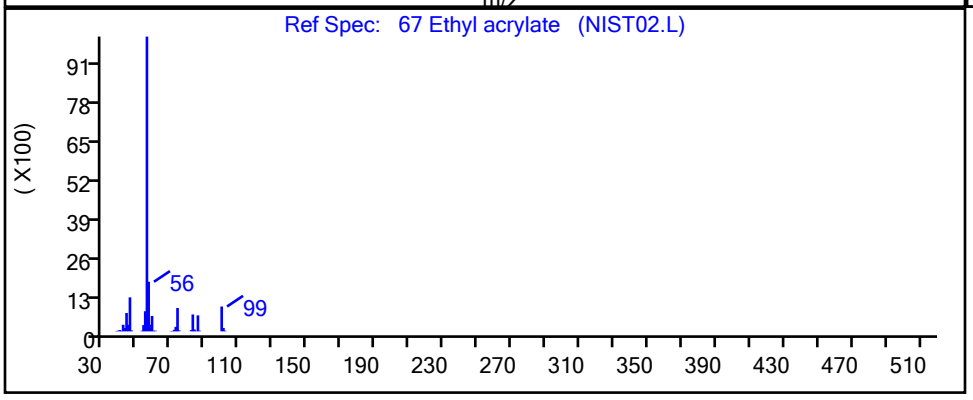
Processing Results











RT	Mass	Response	Amount
5.13	55.00	885	0.190472
5.13	56.00	63	

Reviewer: NN6A, 21-Apr-2025 08:51:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

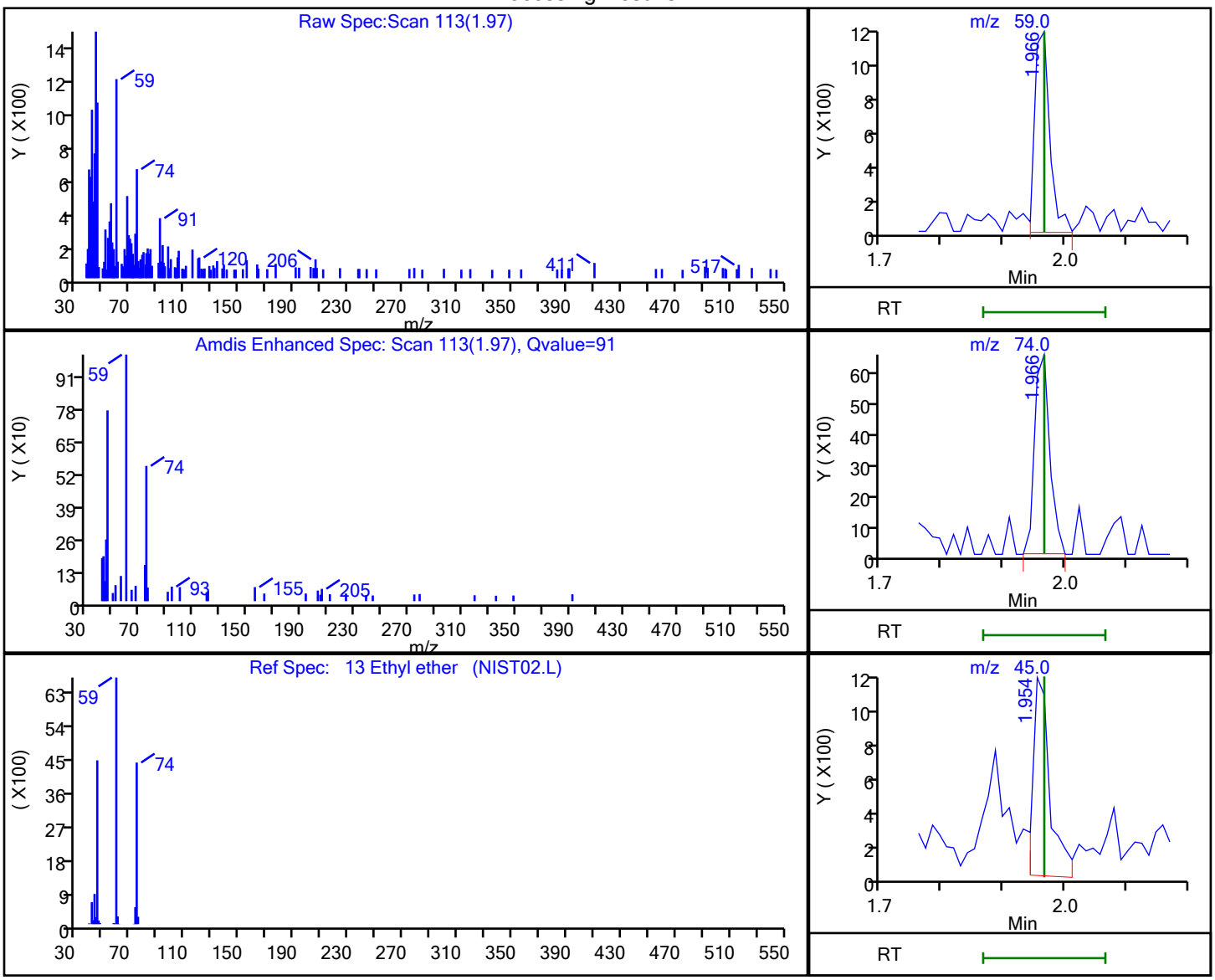
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.97	59.00	2024	0.698627
1.97	74.00	1133	
1.95	45.00	2207	

Reviewer: NN6A, 21-Apr-2025 08:49:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

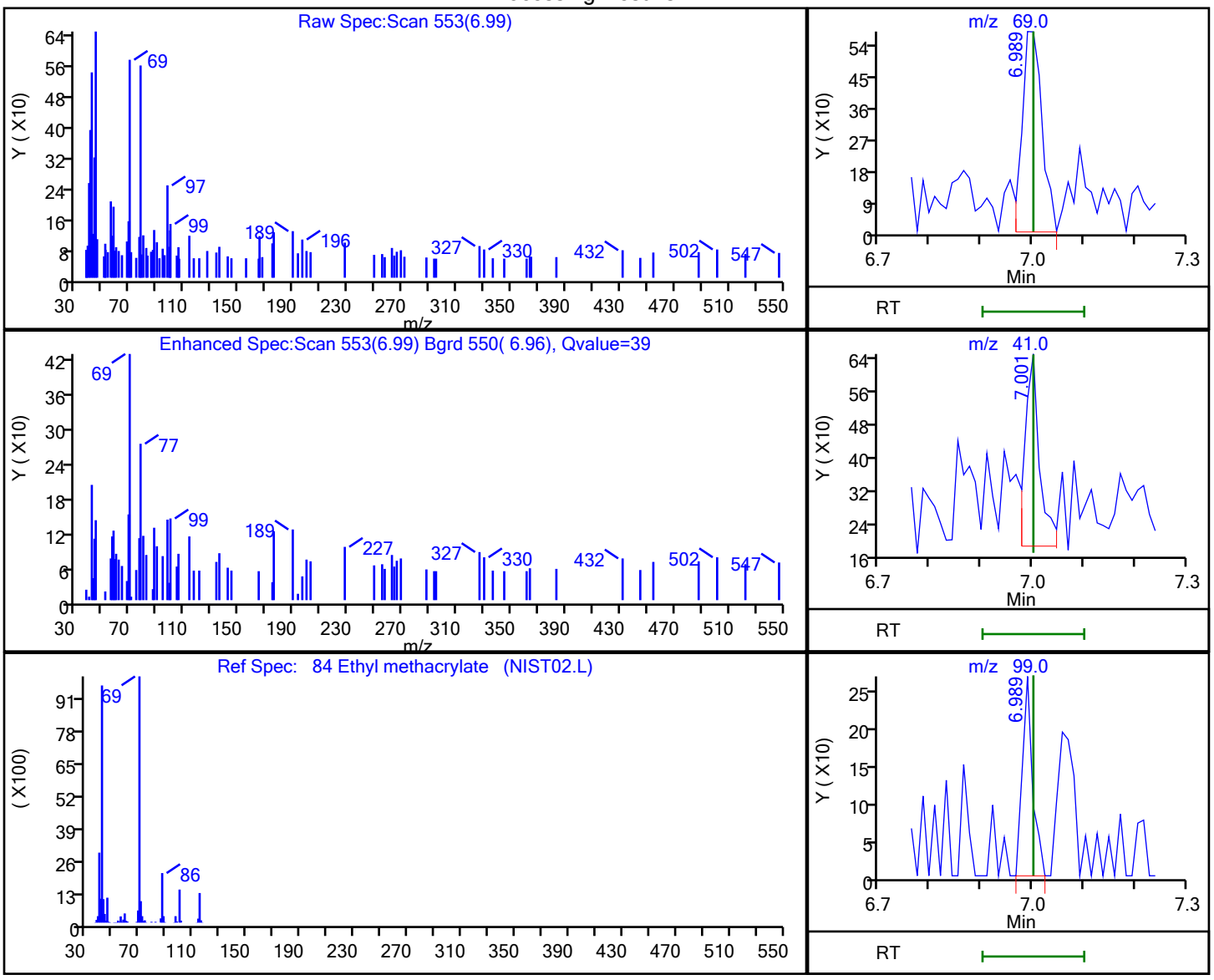
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.99	69.00	1539	0.331261
7.00	41.00	916	
6.99	99.00	371	

Reviewer: NN6A, 21-Apr-2025 08:51:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

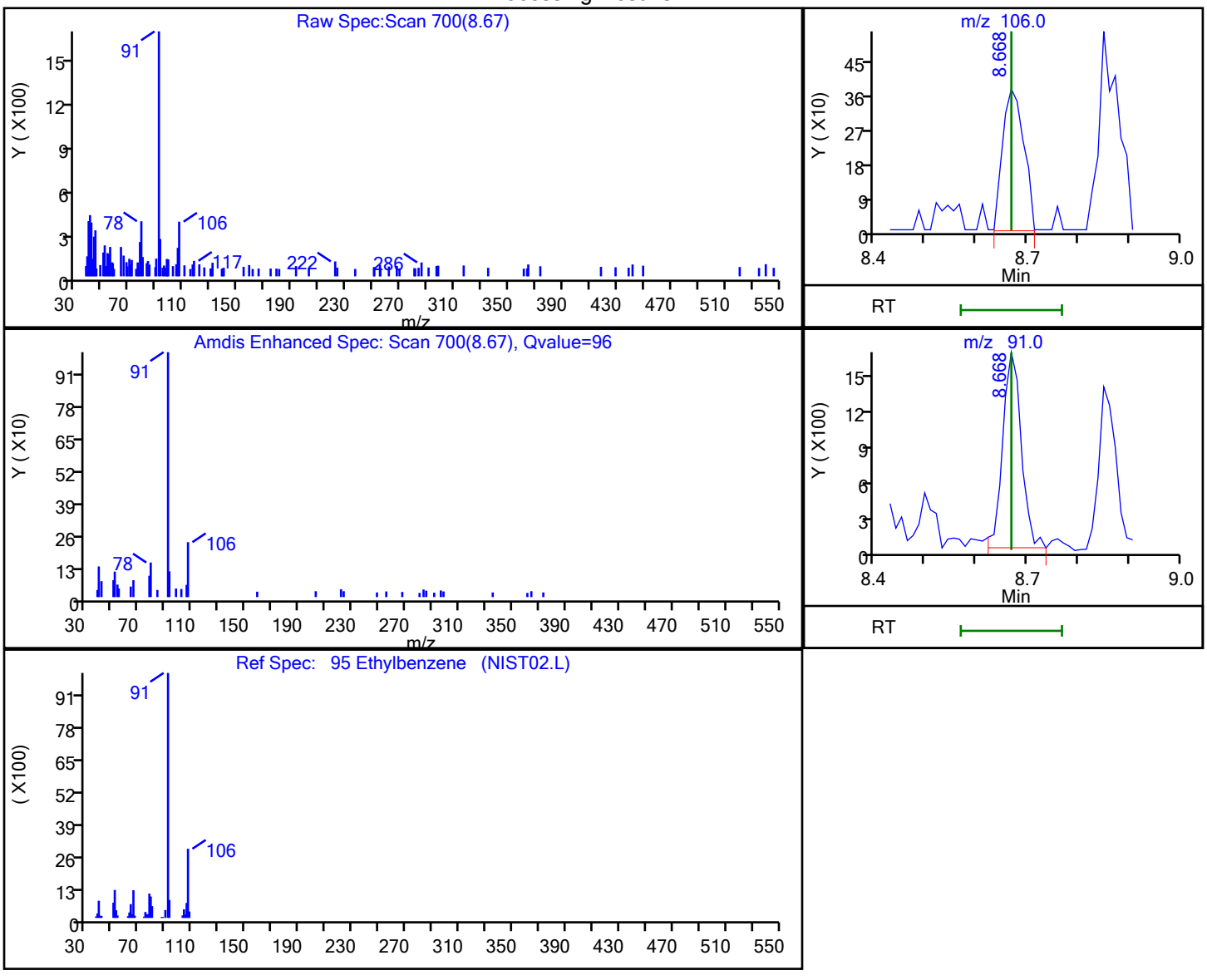
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.67	106.00	1083	0.228304
8.67	91.00	4083	

Reviewer: NN6A, 21-Apr-2025 08:51:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

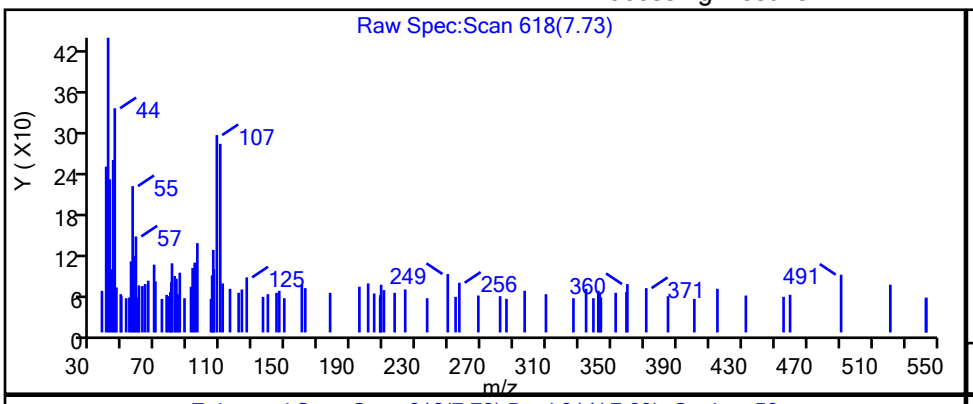
User Disabled Compound Report

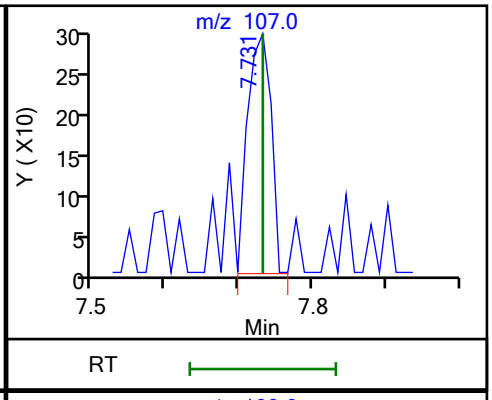
Eurofins Edison

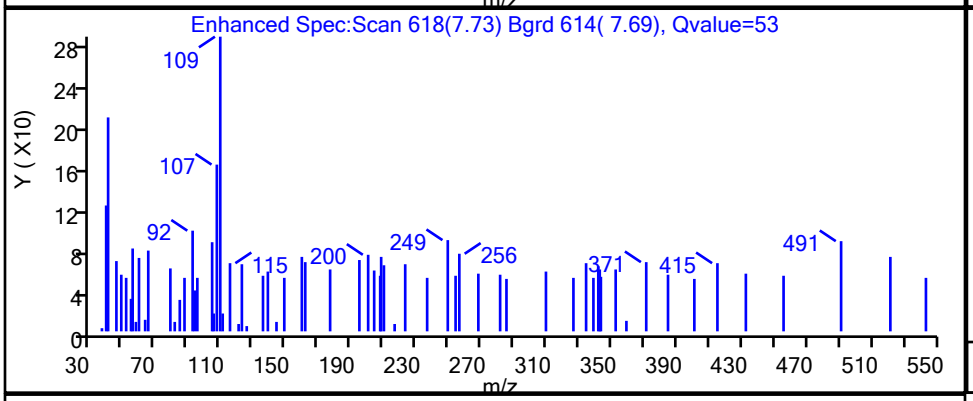
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

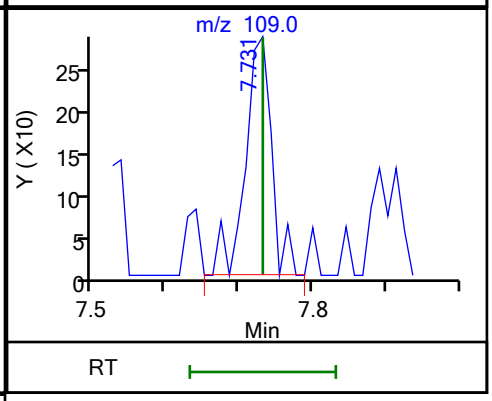
91 Ethylene Dibromide, CAS: 106-93-4

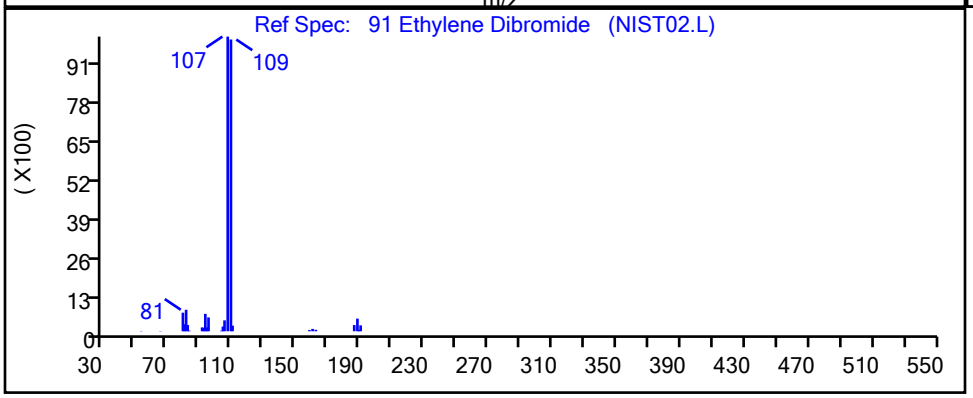
Processing Results











RT	Mass	Response	Amount
7.73	107.00	651	0.226892
7.73	109.00	702	

Reviewer: NN6A, 21-Apr-2025 08:51:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

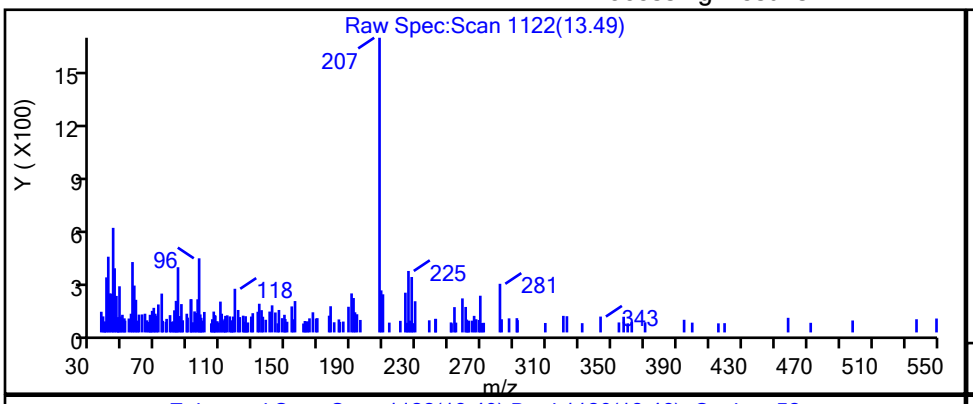
User Disabled Compound Report

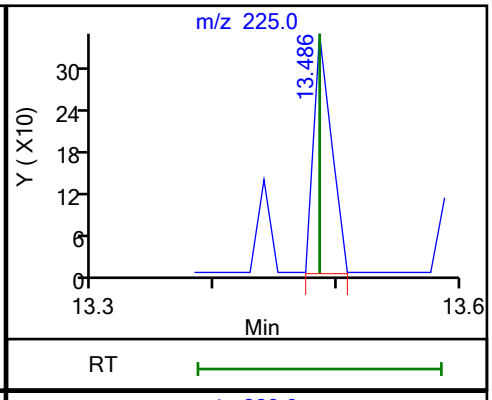
Eurofins Edison

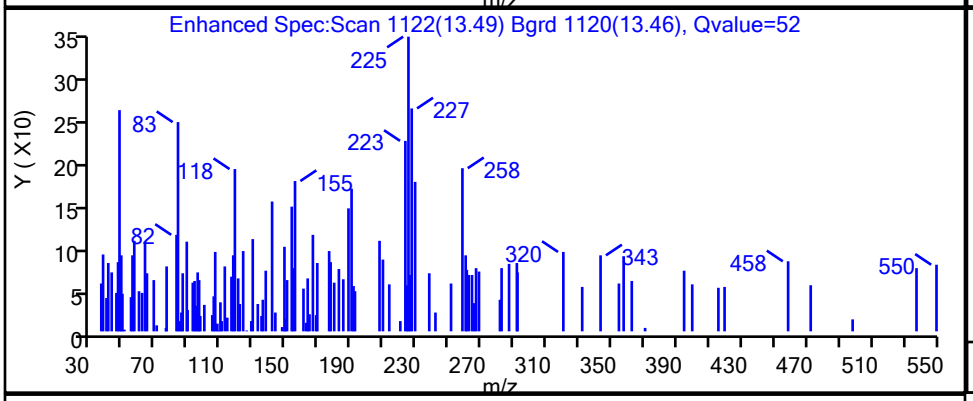
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

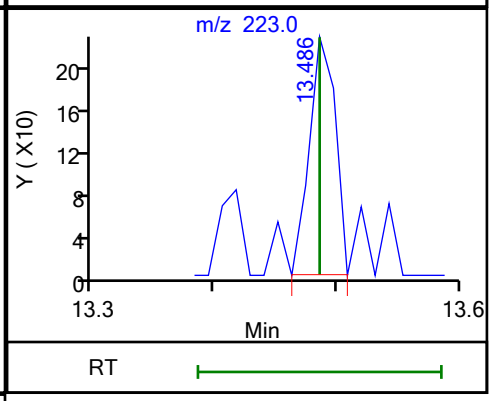
131 Hexachlorobutadiene, CAS: 87-68-3

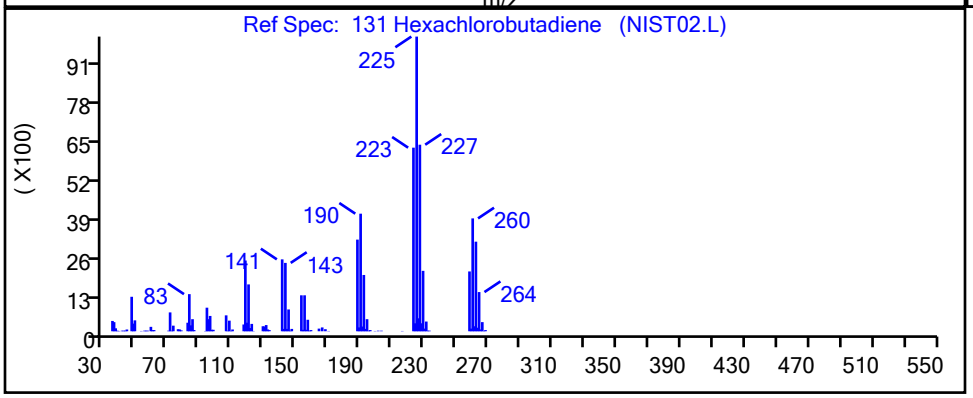
Processing Results











RT	Mass	Response	Amount
13.49	225.00	349	0.270277
13.49	223.00	330	

Reviewer: NN6A, 21-Apr-2025 08:52:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

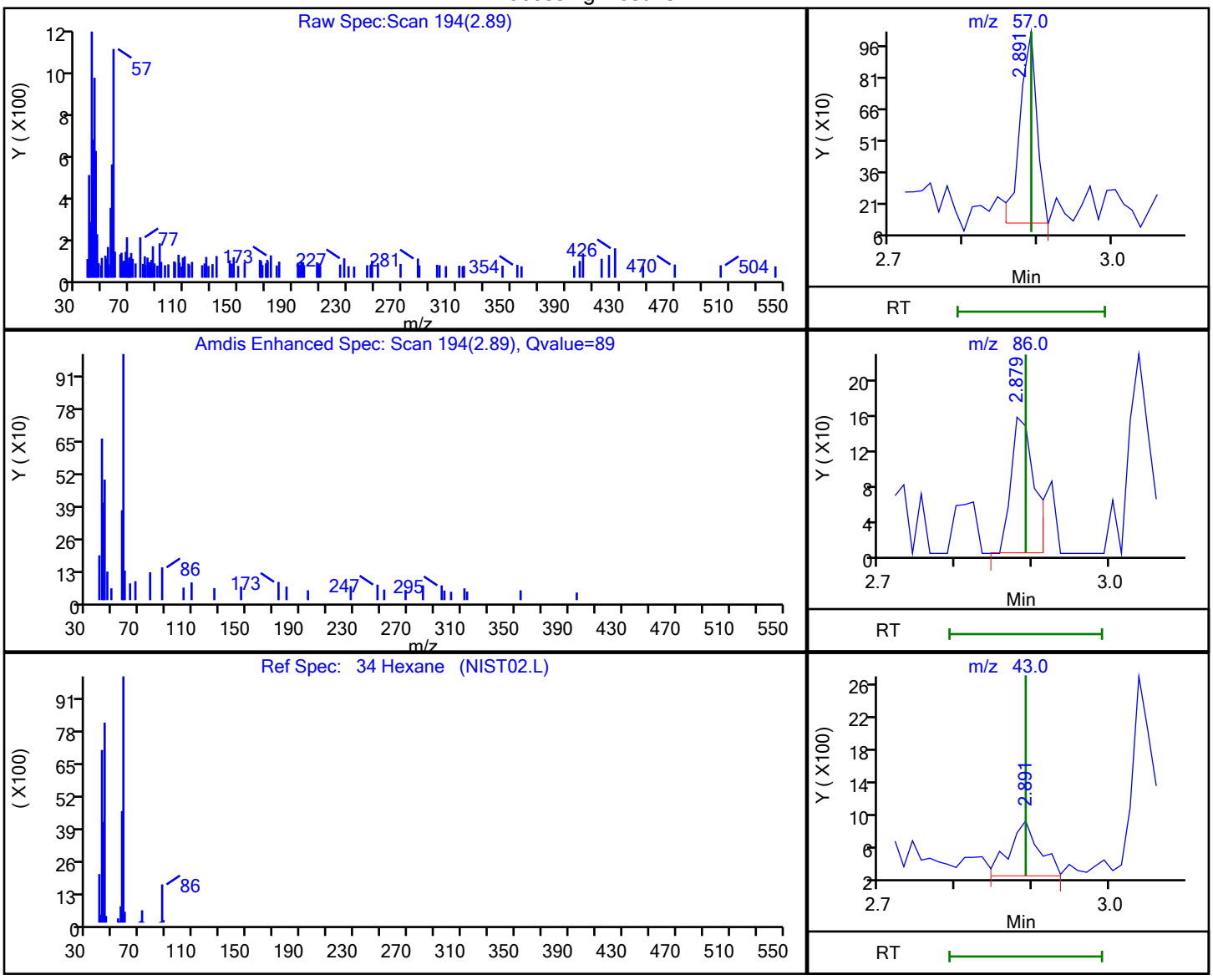
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.89	57.00	1489	0.327504
2.88	86.00	325	
2.89	43.00	1818	
2.89	56.00	860	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

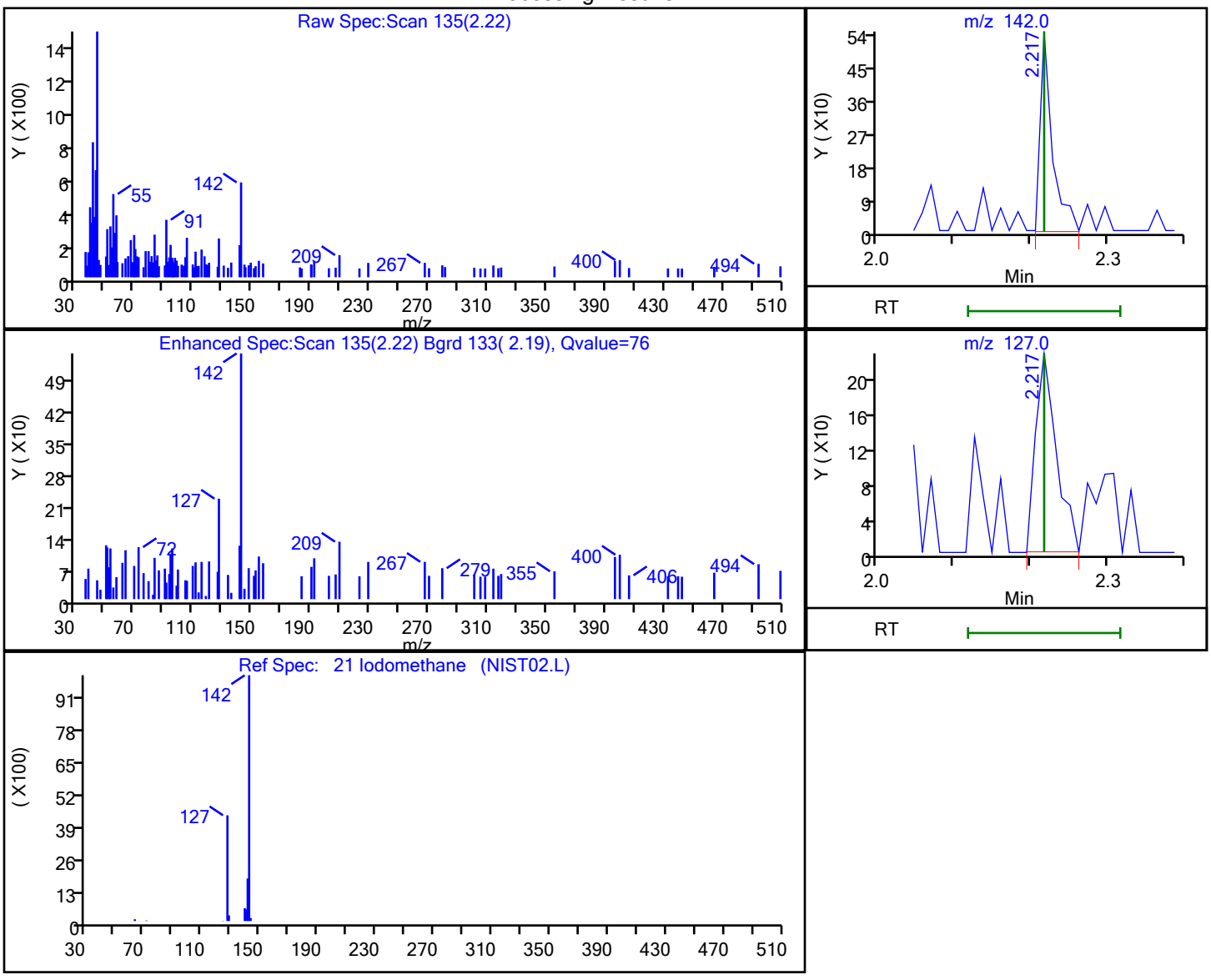
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.22	142.00	601	0.125477
2.22	127.00	425	

Reviewer: NN6A, 21-Apr-2025 08:49:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

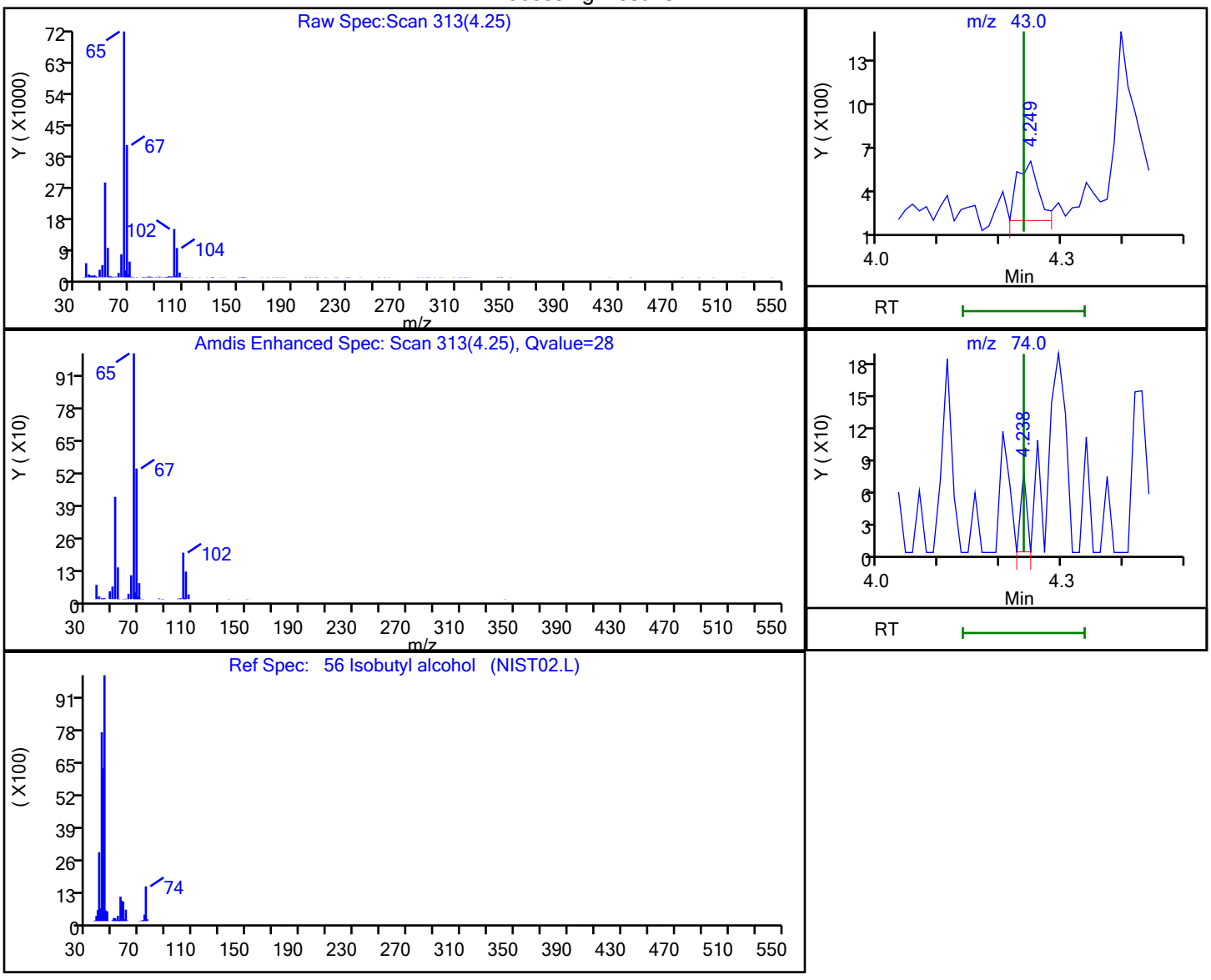
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.25	43.00	911	5.200388
4.24	74.00	51	

Reviewer: NN6A, 21-Apr-2025 08:49:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

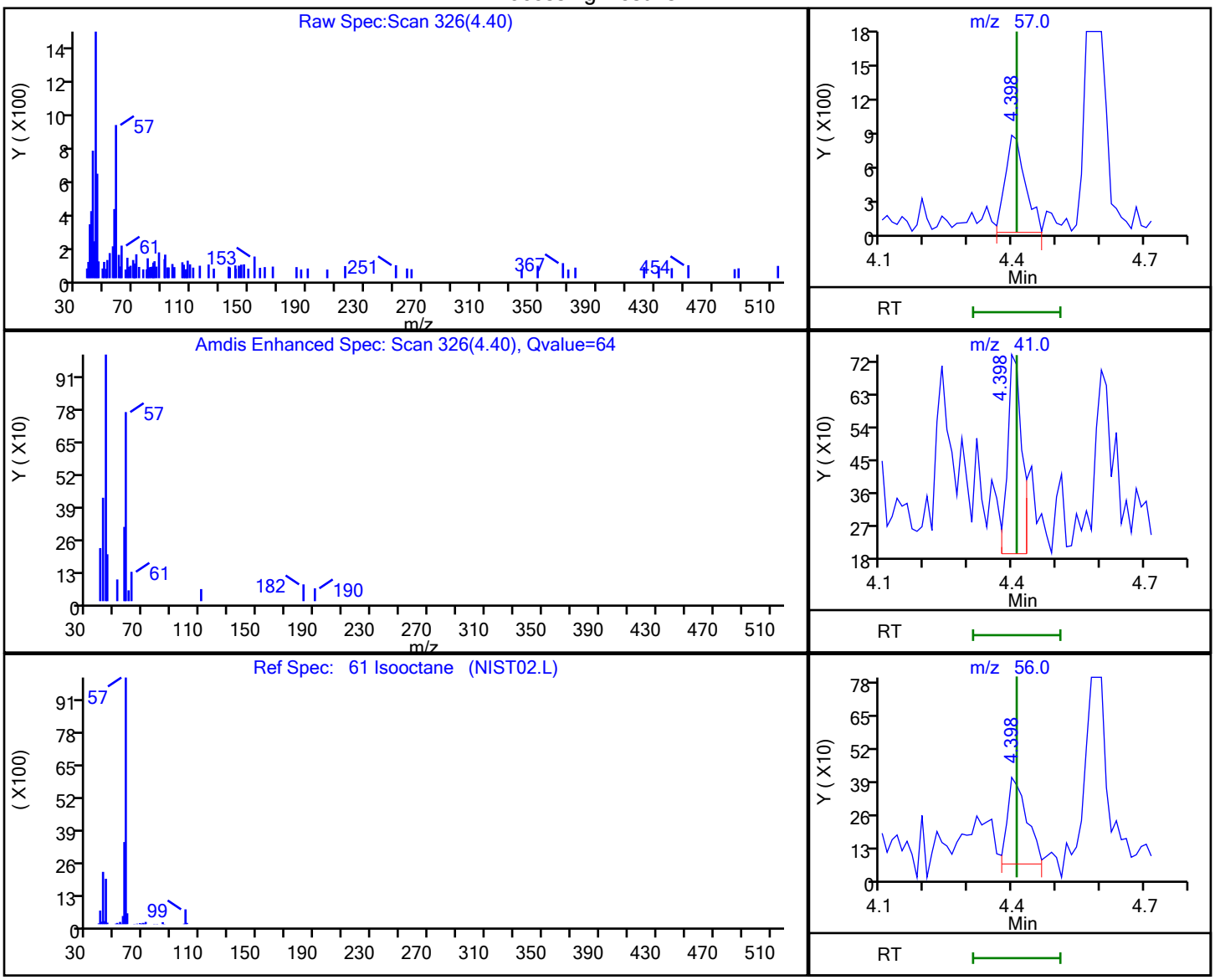
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.40	57.00	2576	0.305979
4.40	41.00	1271	
4.40	56.00	1054	

Reviewer: NN6A, 21-Apr-2025 08:50:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

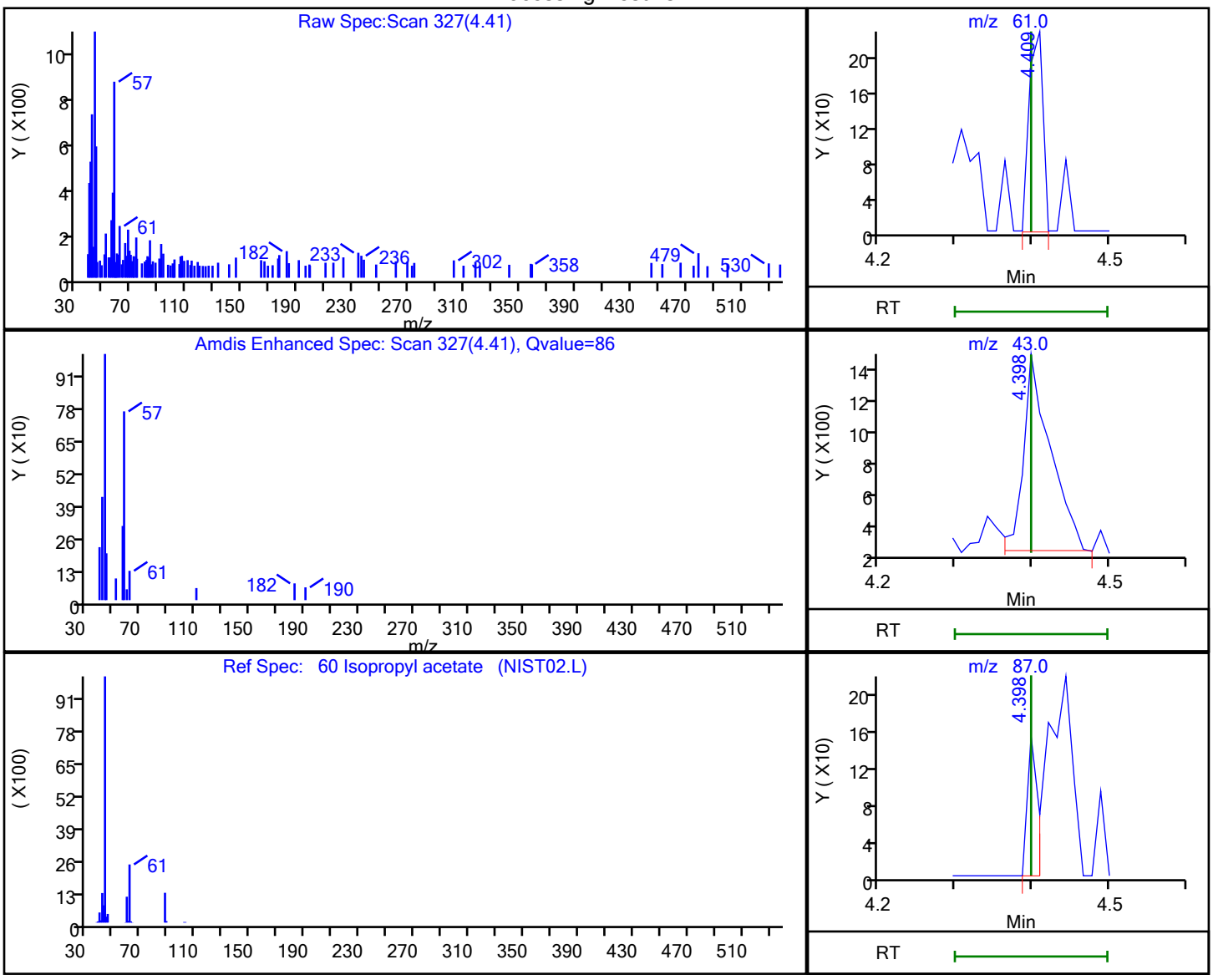
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

60 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.41	61.00	282	0.217062
4.40	43.00	2939	
4.40	87.00	147	

Reviewer: NN6A, 21-Apr-2025 08:50:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

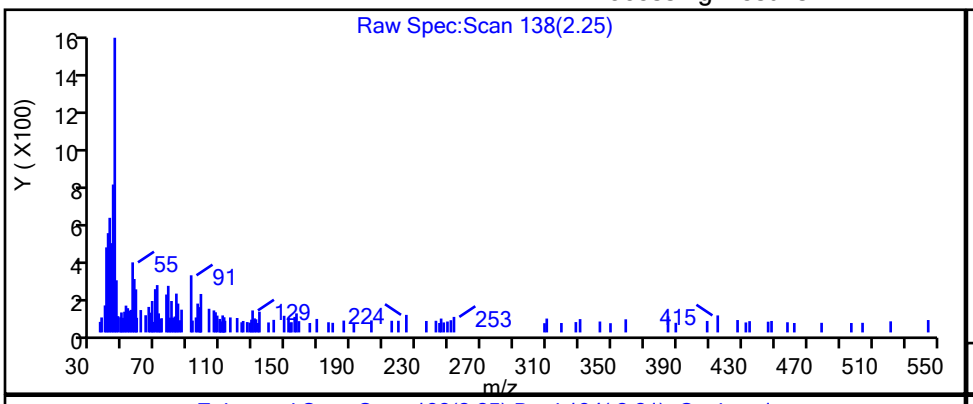
User Disabled Compound Report

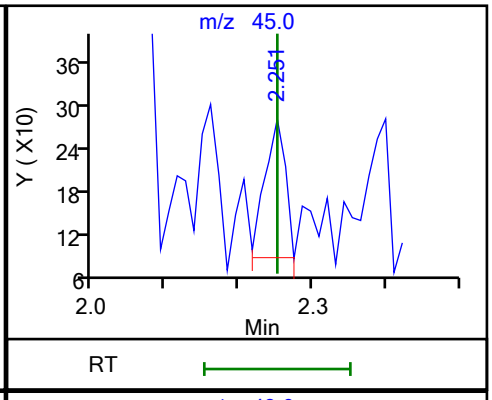
Eurofins Edison

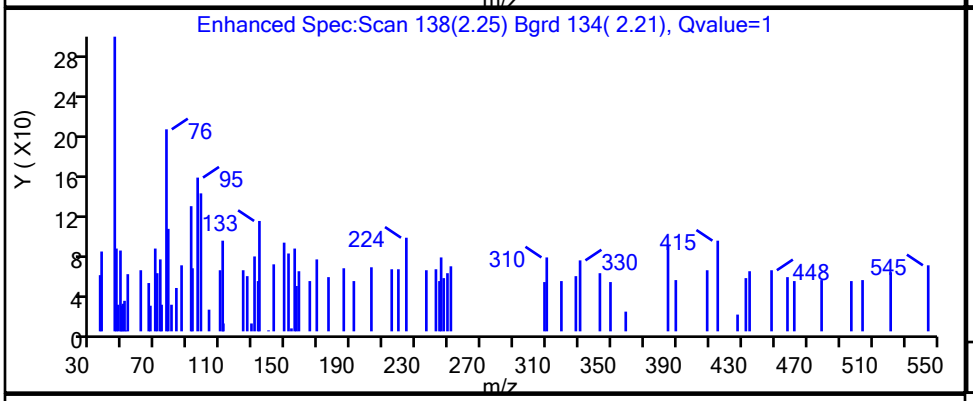
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

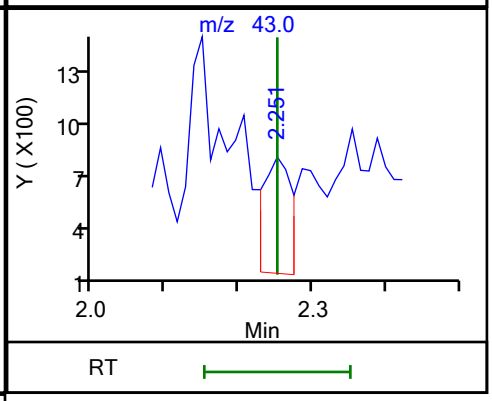
22 Isopropyl alcohol, CAS: 67-63-0

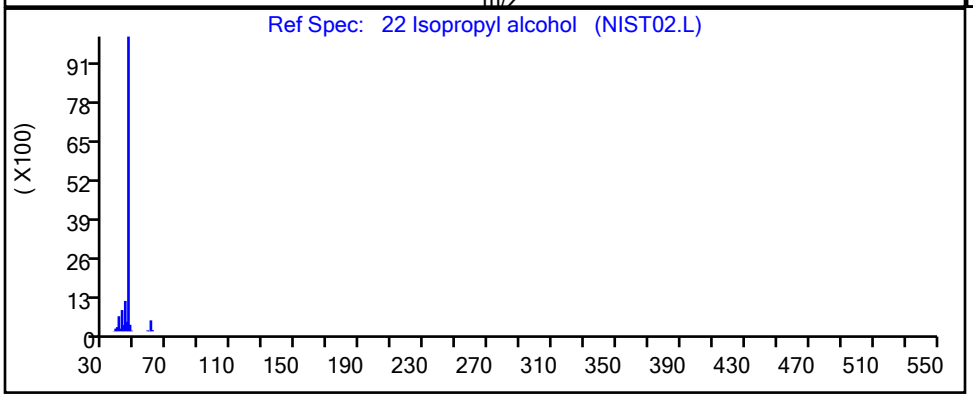
Processing Results











RT	Mass	Response	Amount
2.25	45.00	382	1.760763
2.25	43.00	1841	

Reviewer: NN6A, 21-Apr-2025 08:49:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

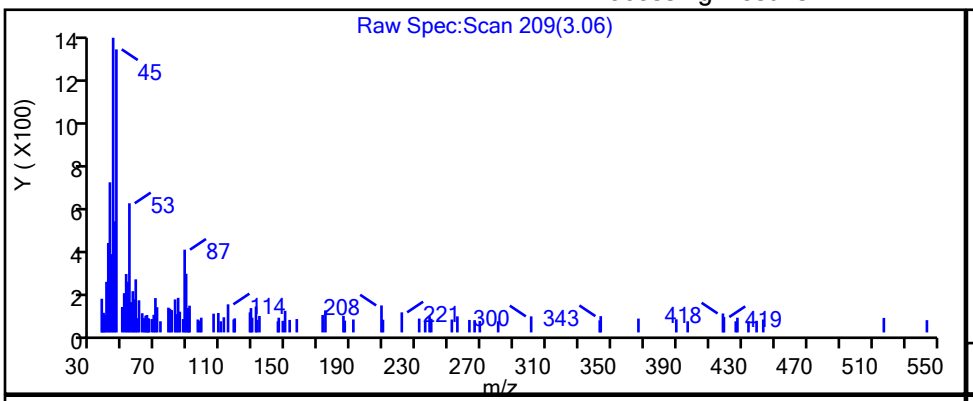
User Disabled Compound Report

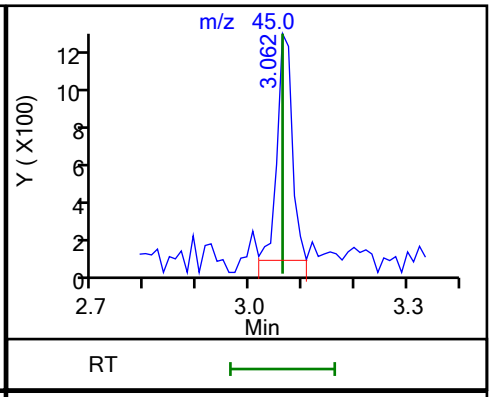
Eurofins Edison

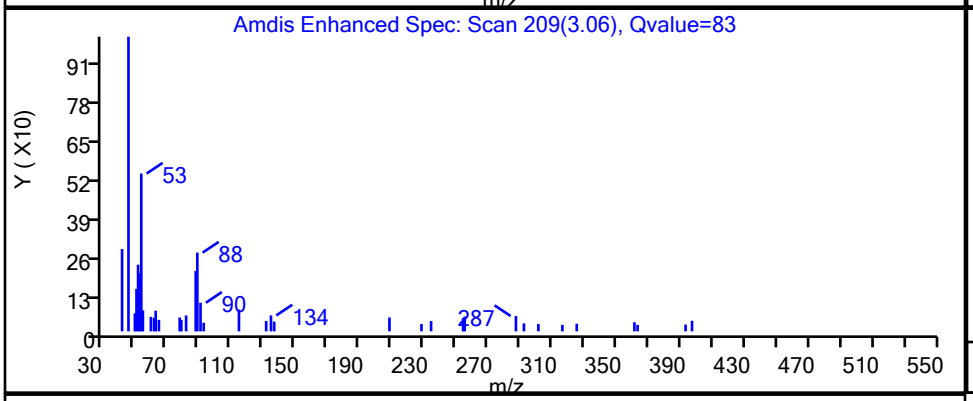
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

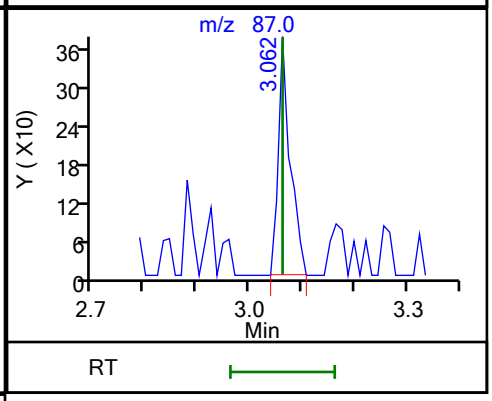
37 Isopropyl ether, CAS: 108-20-3

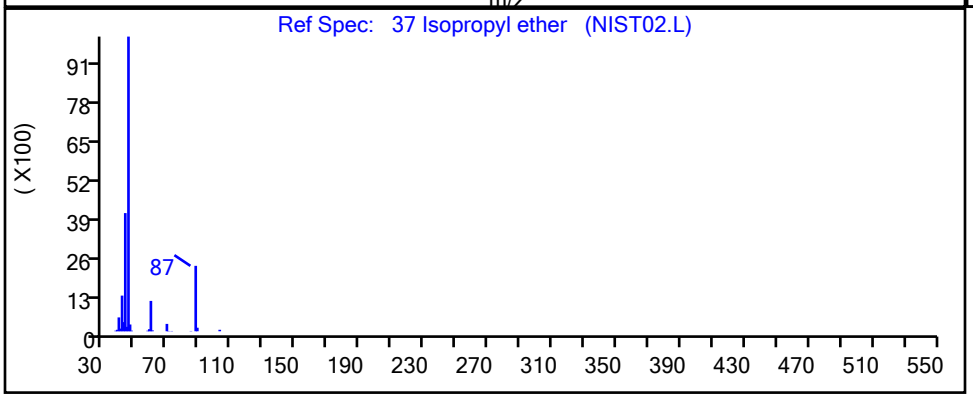
Processing Results











RT	Mass	Response	Amount
3.06	45.00	2419	0.204080
3.06	87.00	587	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

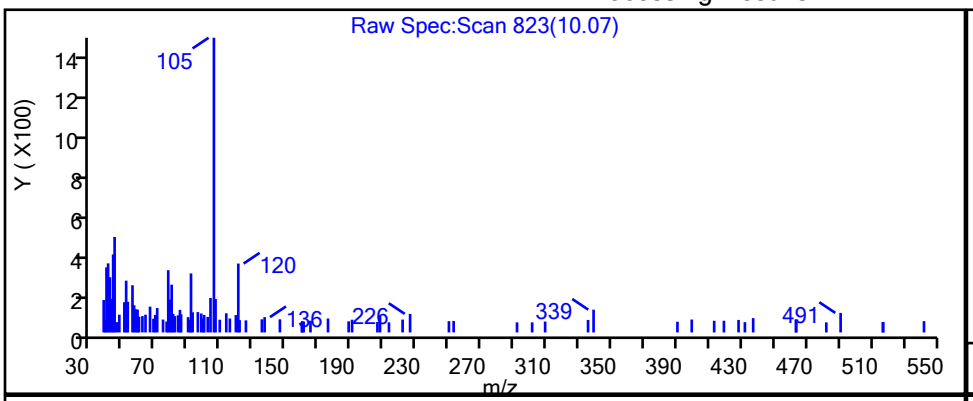
User Disabled Compound Report

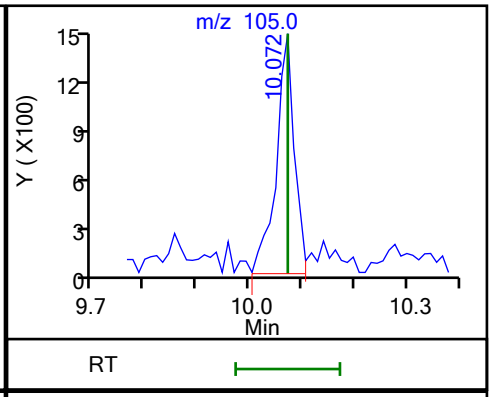
Eurofins Edison

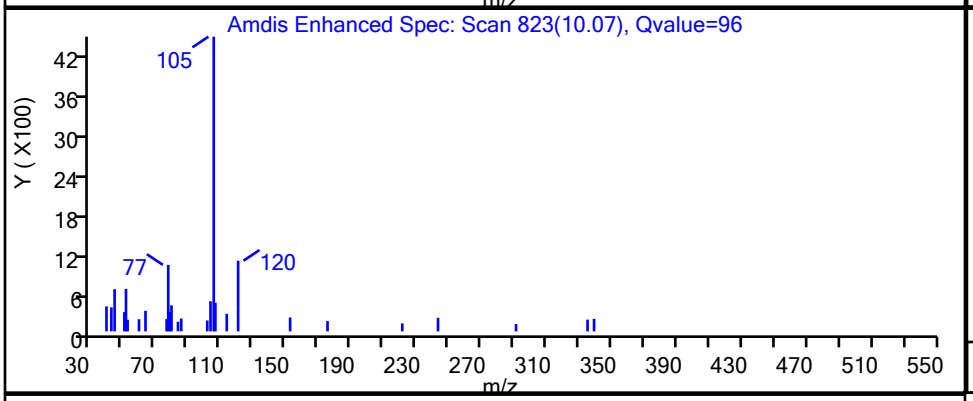
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

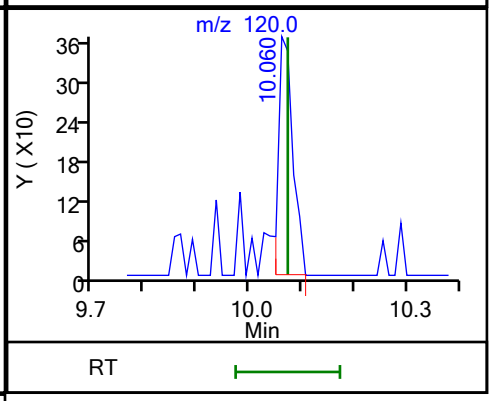
102 Isopropylbenzene, CAS: 98-82-8

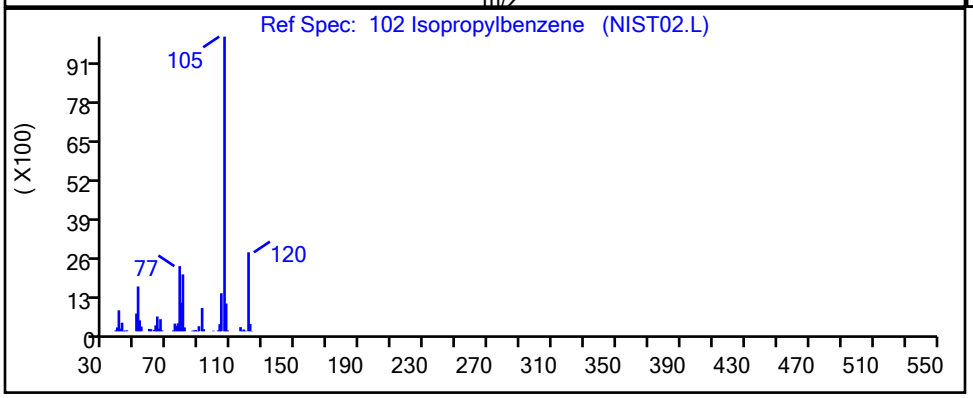
Processing Results











RT	Mass	Response	Amount
10.07	105.00	3483	0.260214
10.06	120.00	690	

Reviewer: NN6A, 21-Apr-2025 08:51:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

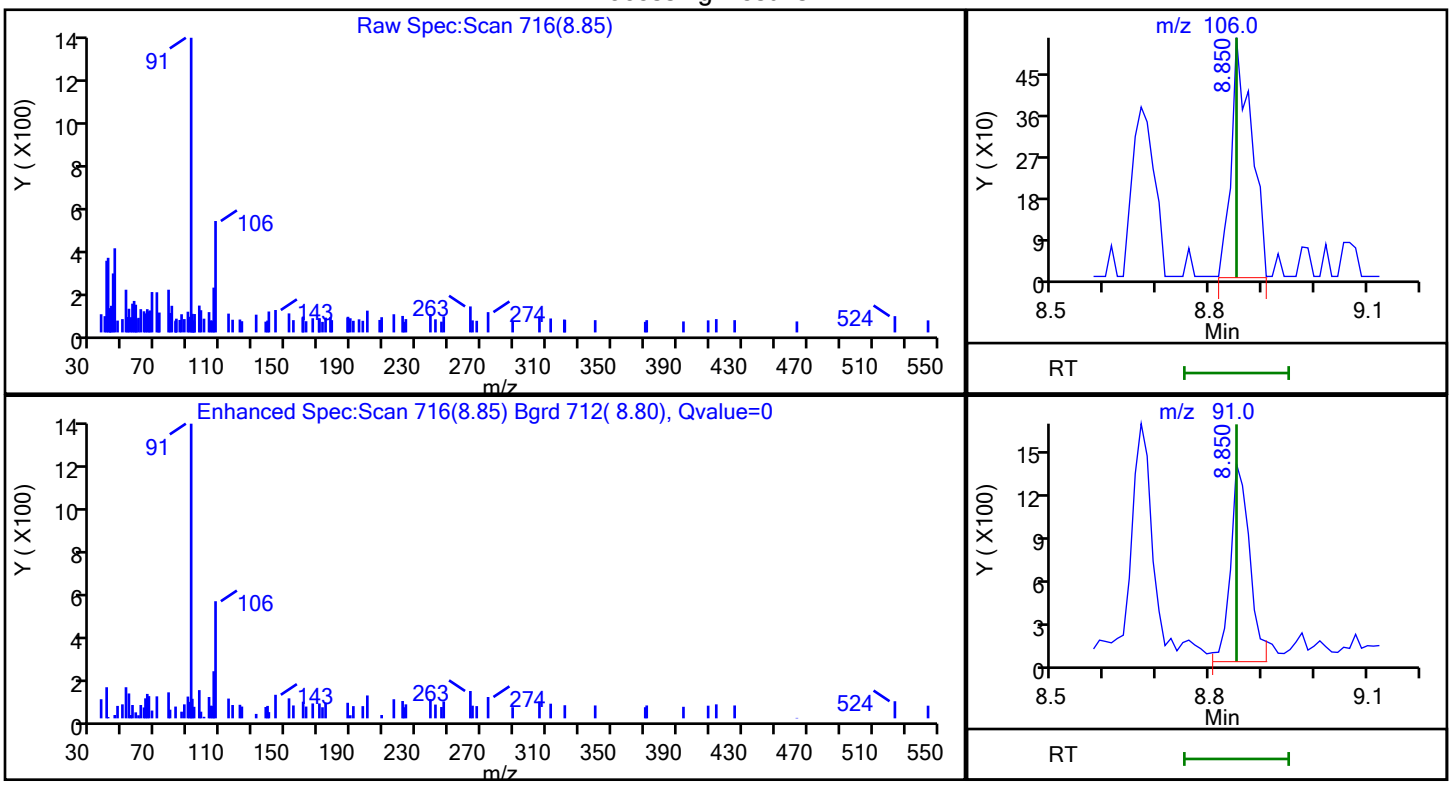
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.85	106.00	1400	0.242790
8.85	91.00	3574	

Reviewer: NN6A, 21-Apr-2025 08:51:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

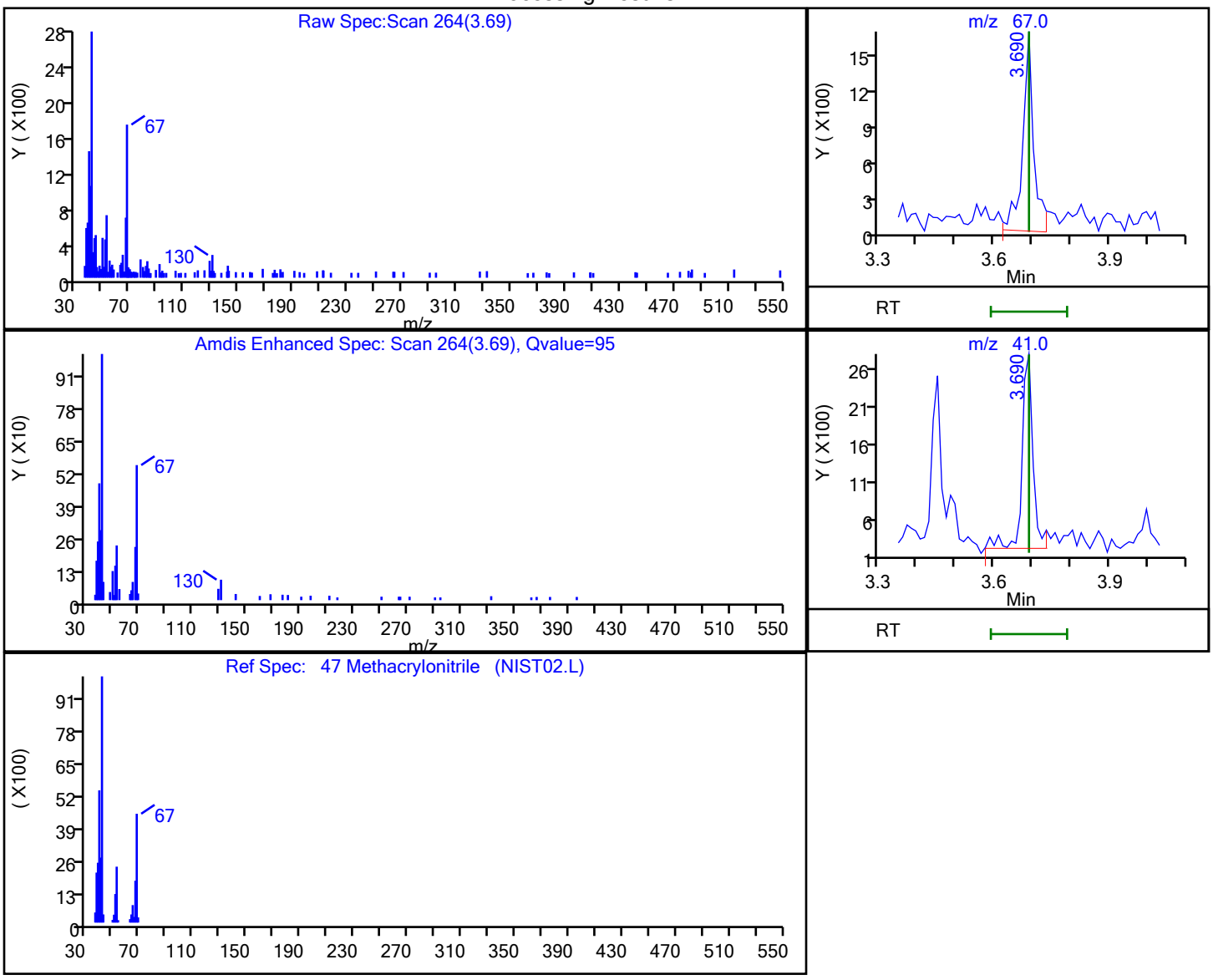
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.69	67.00	3421	2.505763
3.69	41.00	4852	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

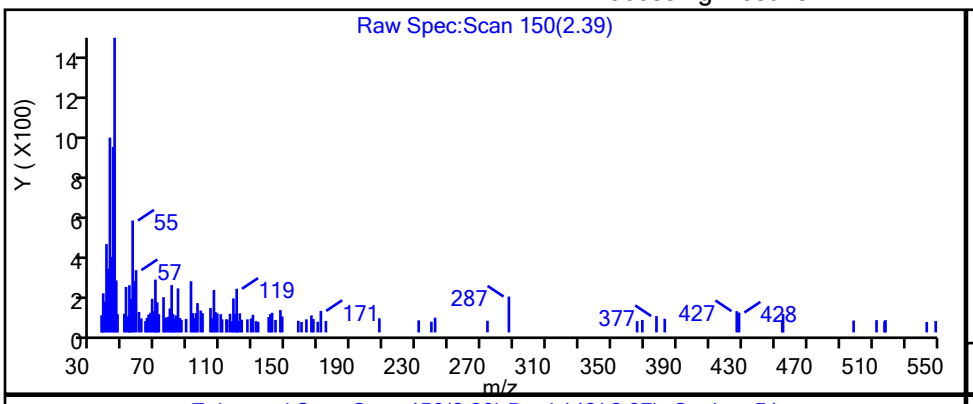
User Disabled Compound Report

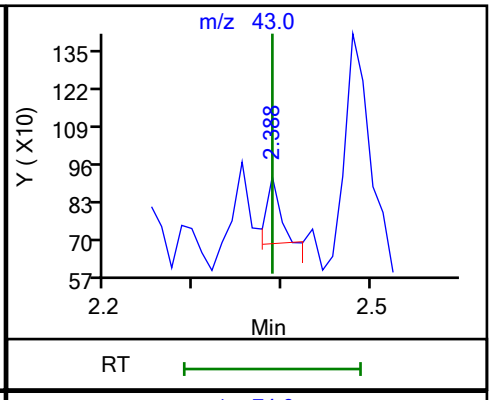
Eurofins Edison

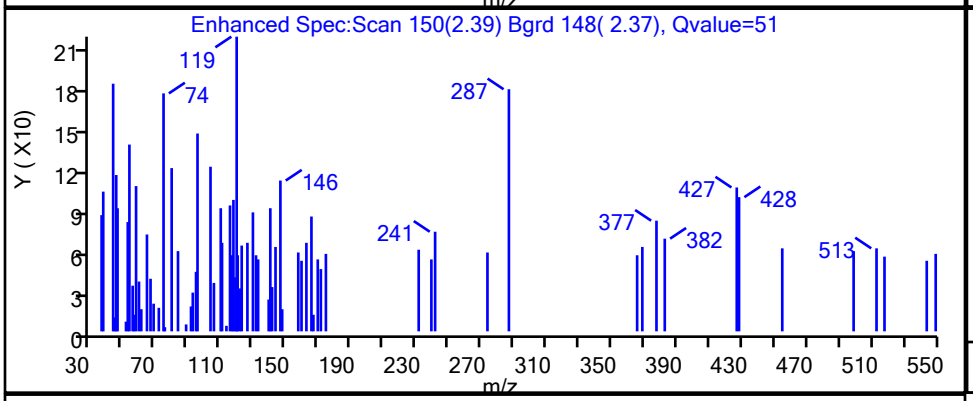
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

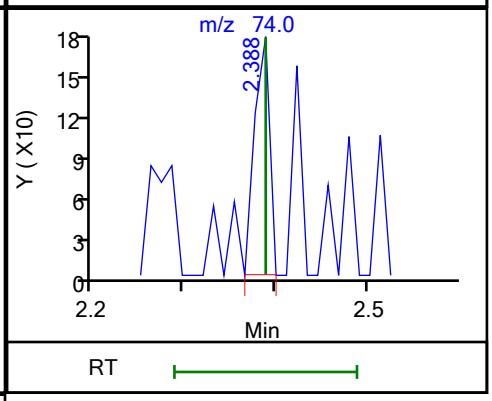
26 Methyl acetate, CAS: 79-20-9

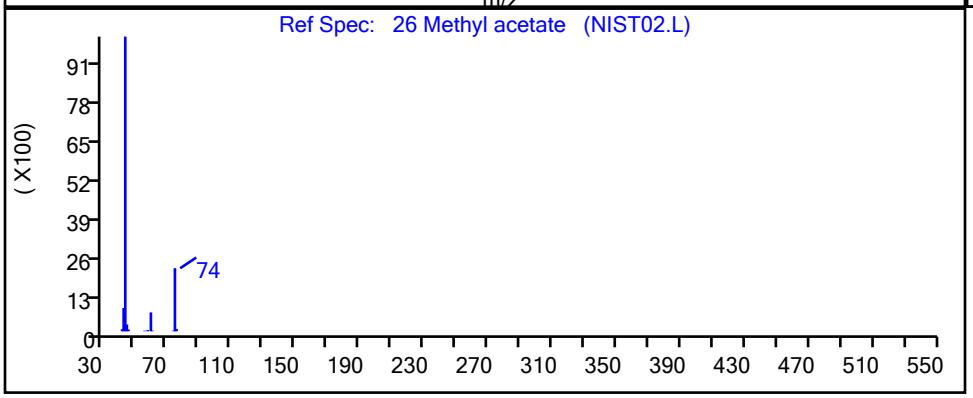
Processing Results











RT	Mass	Response	Amount
2.39	43.00	246	0.169536
2.39	74.00	198	

Reviewer: NN6A, 21-Apr-2025 08:49:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

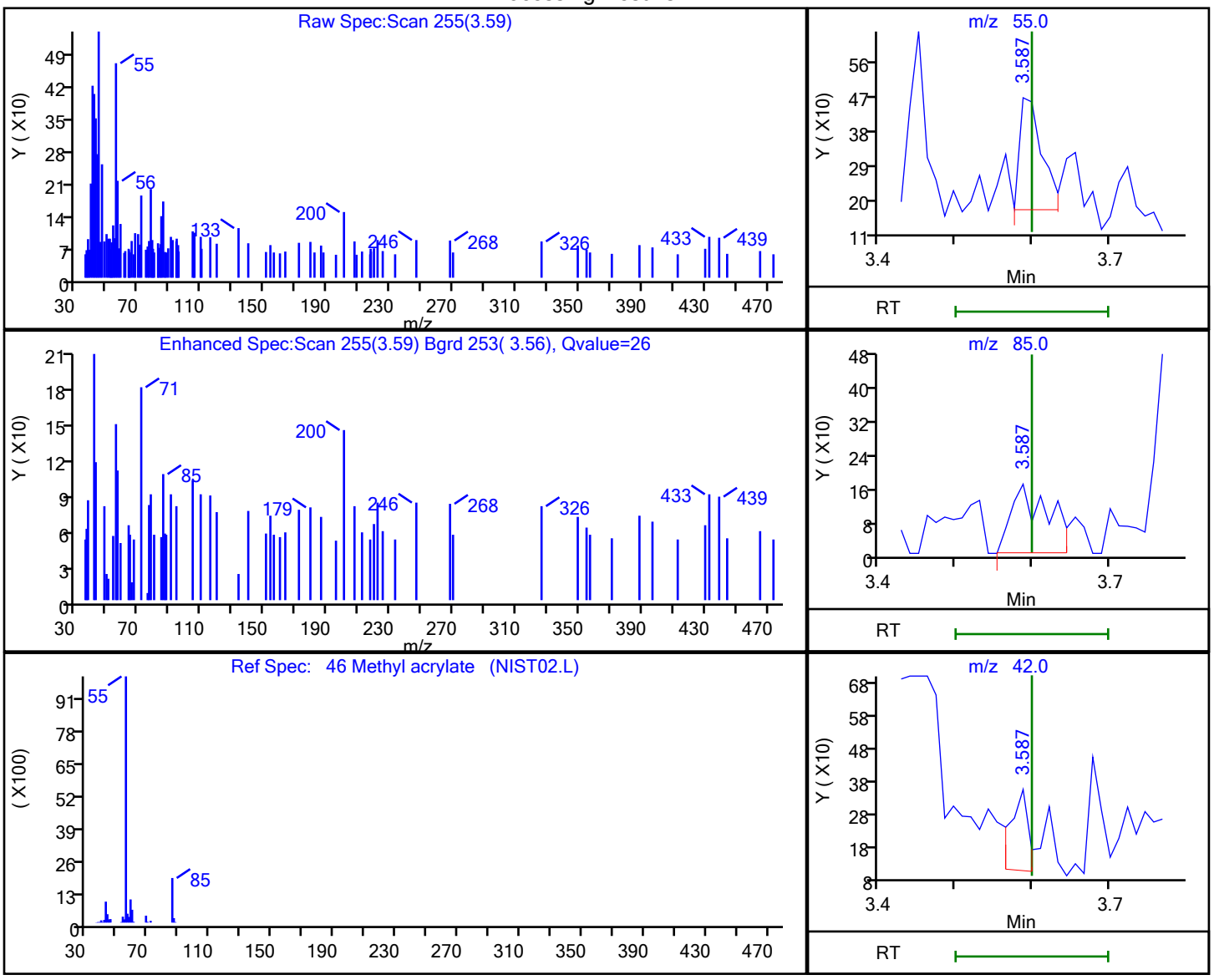
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.59	55.00	593	0.183120
3.59	85.00	563	
3.59	42.00	416	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

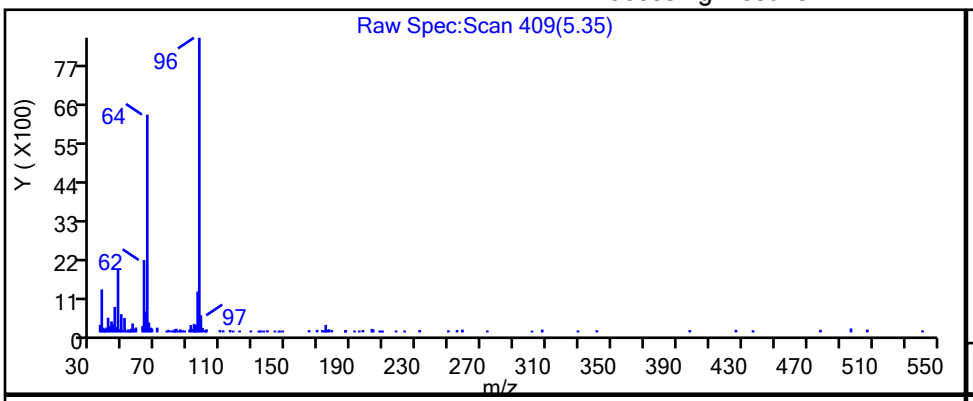
User Disabled Compound Report

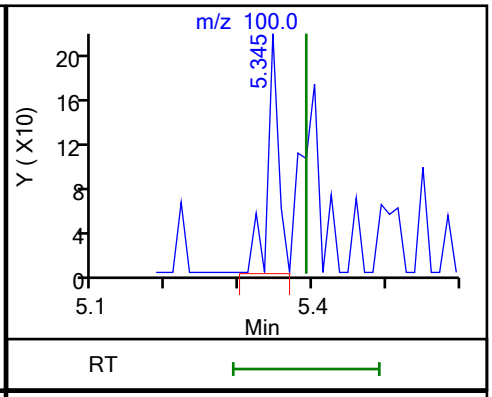
Eurofins Edison

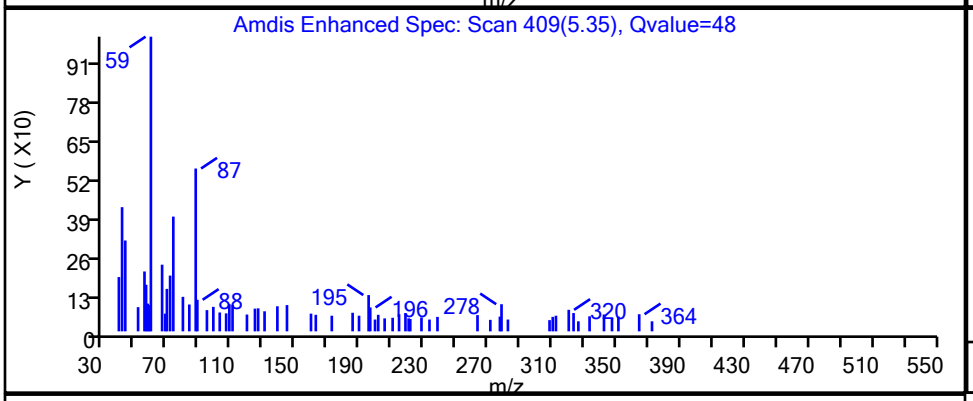
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

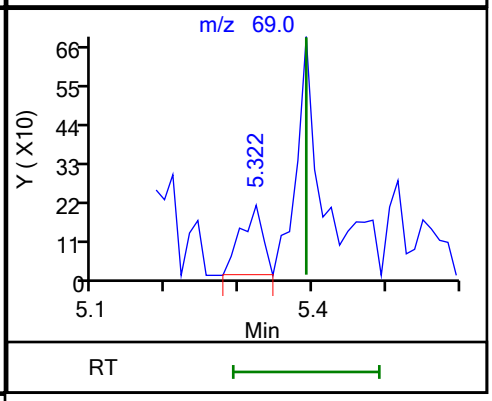
72 Methyl methacrylate, CAS: 80-62-6

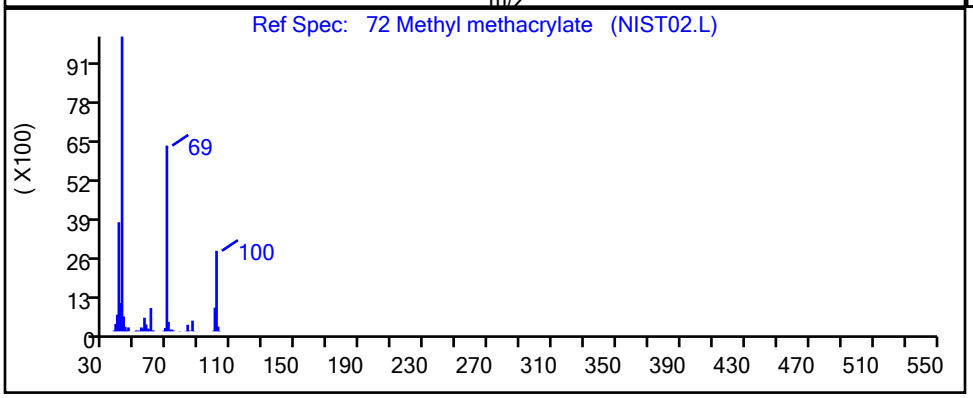
Processing Results











RT	Mass	Response	Amount
5.35	100.00	227	0.267219
5.32	69.00	421	

Reviewer: NN6A, 21-Apr-2025 08:51:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

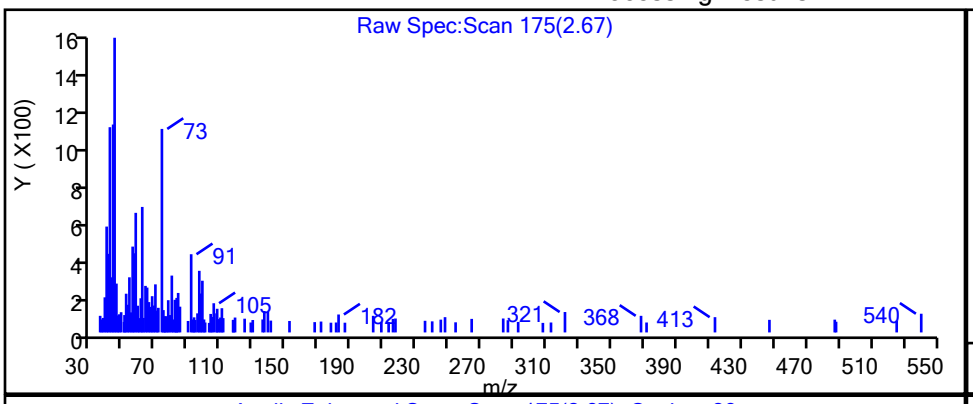
User Disabled Compound Report

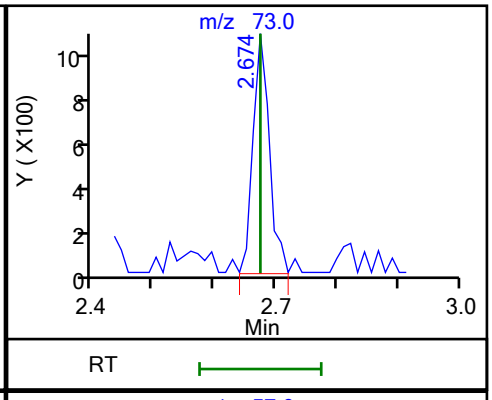
Eurofins Edison

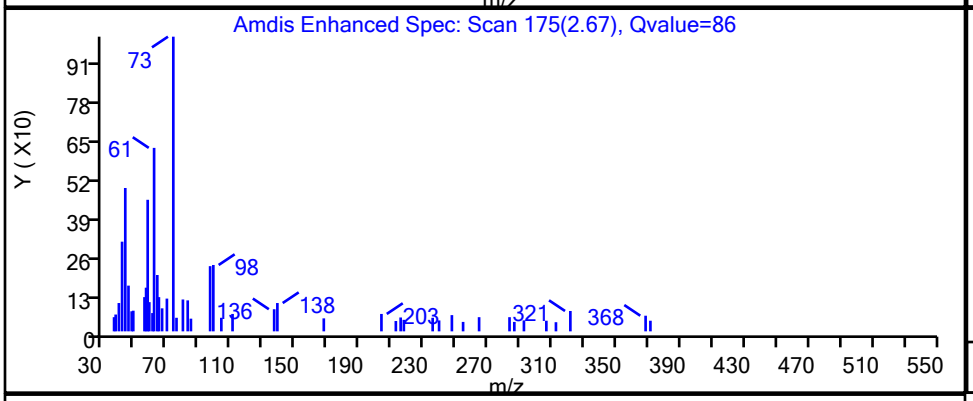
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

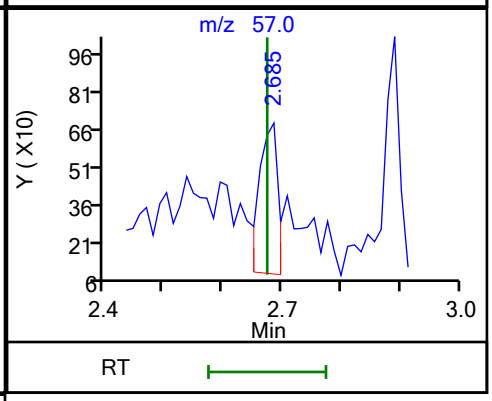
33 Methyl tert-butyl ether, CAS: 1634-04-4

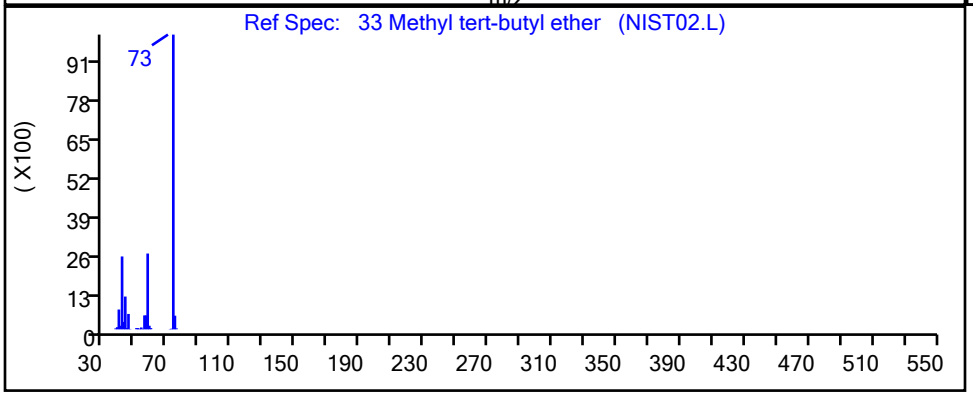
Processing Results











RT	Mass	Response	Amount
2.67	73.00	1973	0.190902
2.69	57.00	1363	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

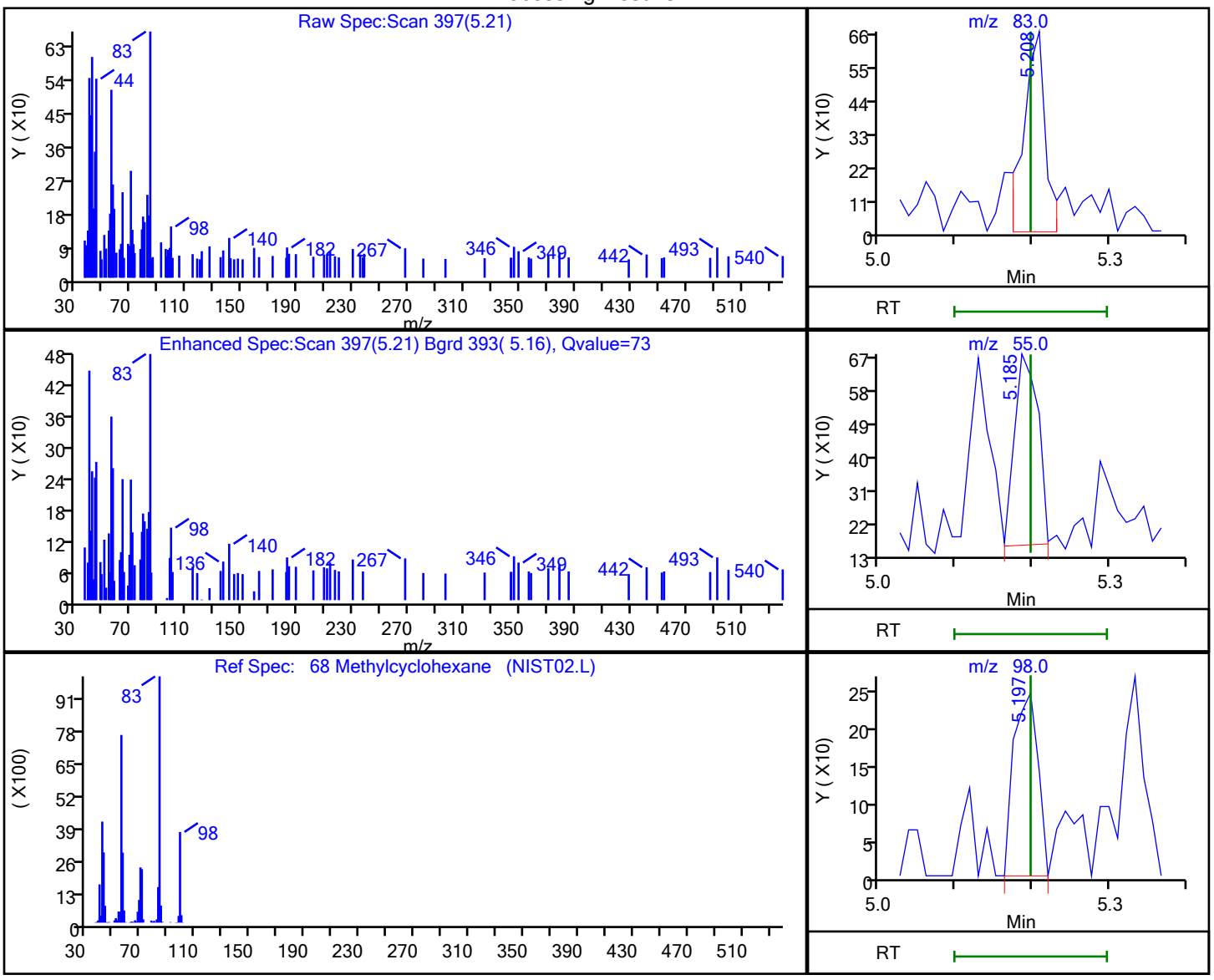
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.21	83.00	1337	0.269302
5.19	55.00	1106	
5.20	98.00	535	

Reviewer: NN6A, 21-Apr-2025 08:51:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

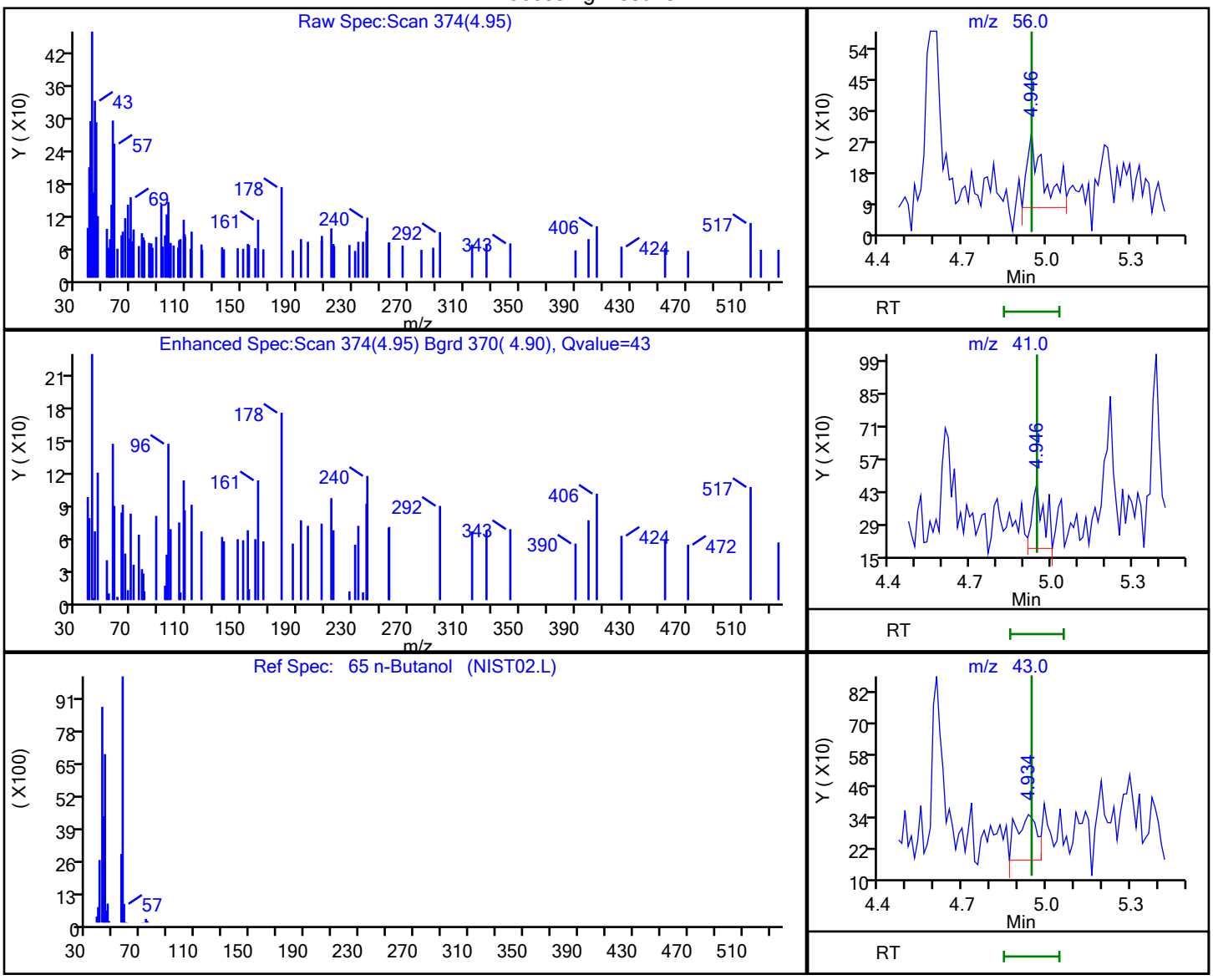
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

65 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.95	56.00	940	5.788735
4.95	41.00	843	
4.93	43.00	926	

Reviewer: NN6A, 21-Apr-2025 08:50:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

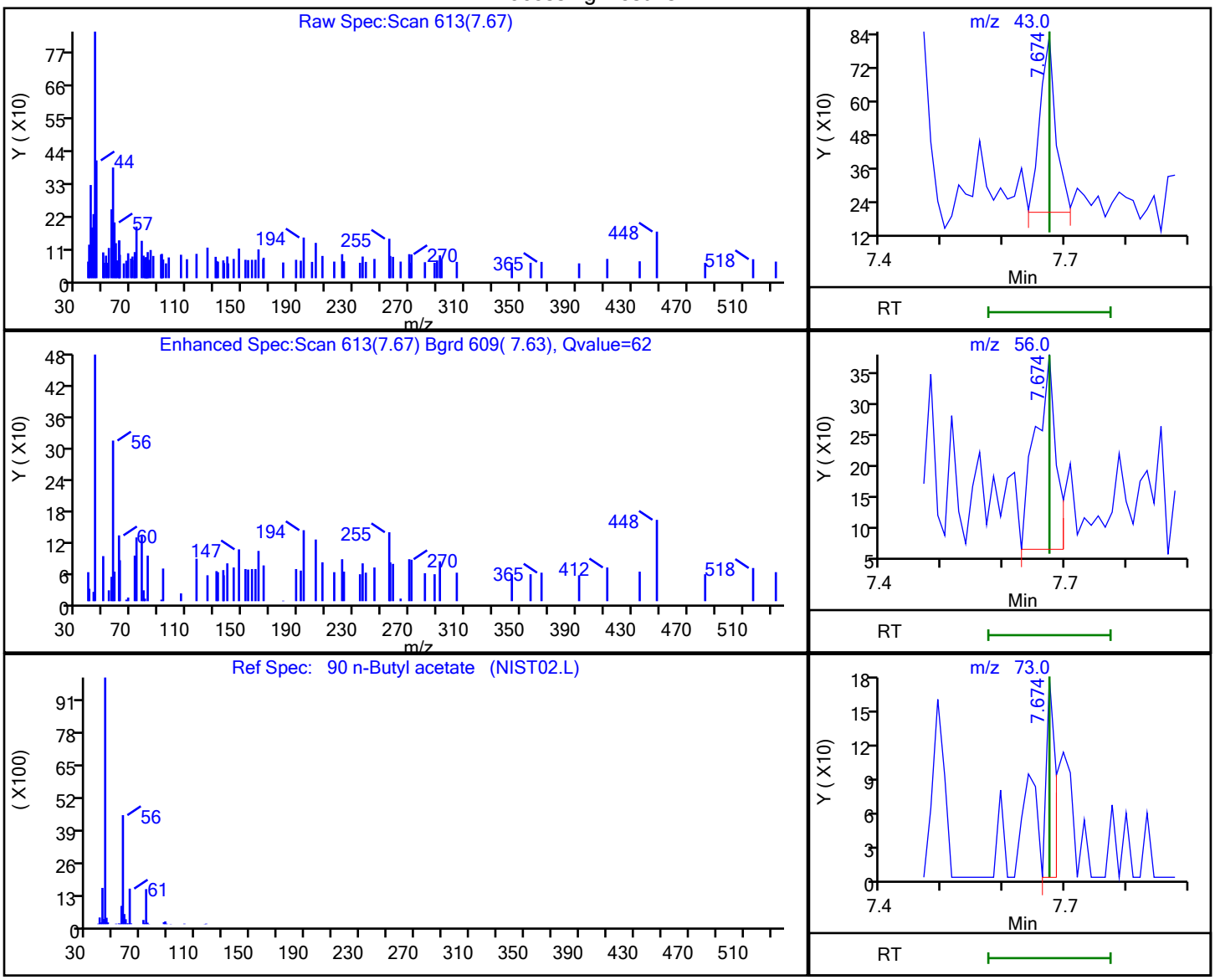
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.67	43.00	1118	0.196451
7.67	56.00	723	
7.67	73.00	180	

Reviewer: NN6A, 21-Apr-2025 08:51:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

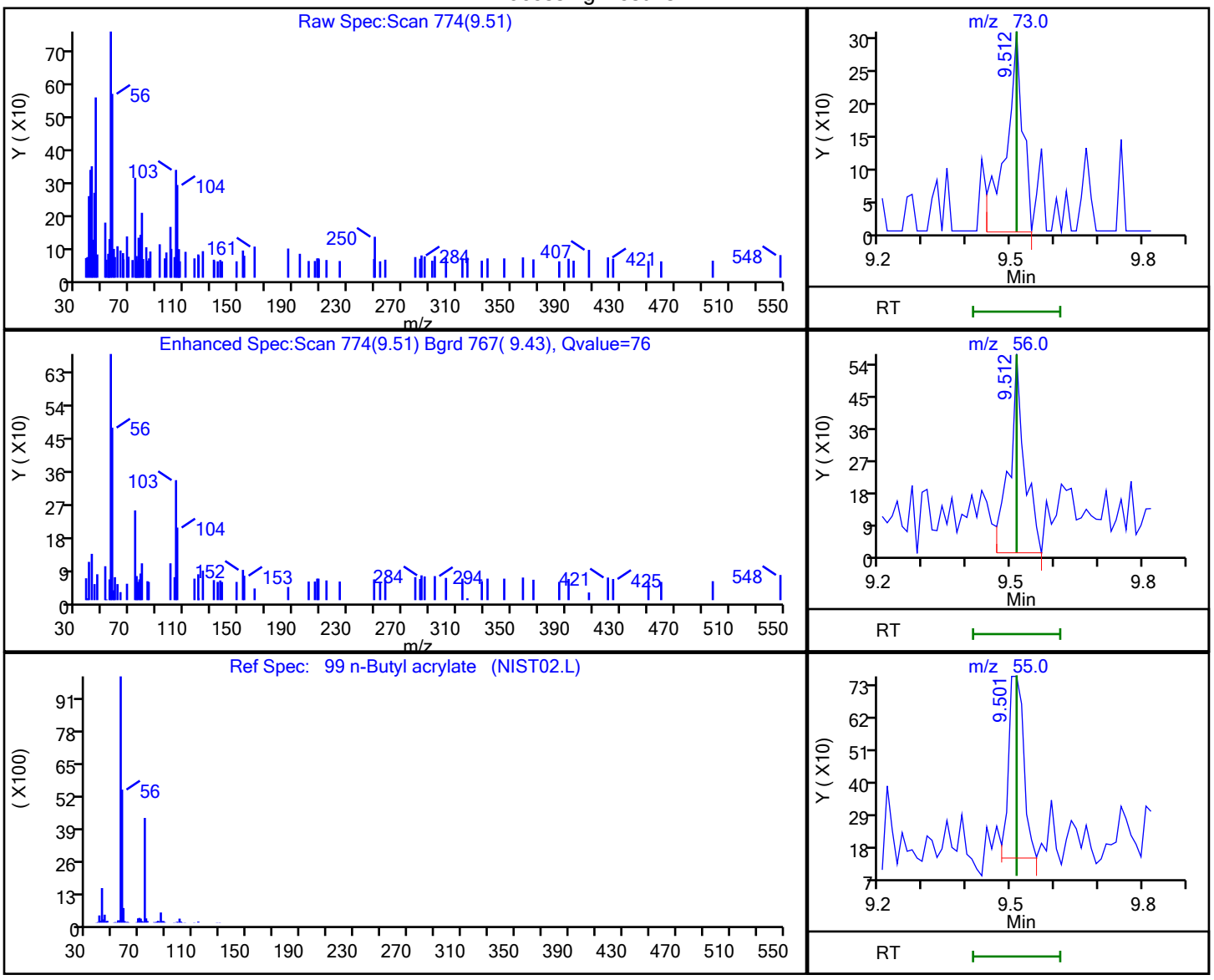
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.51	73.00	819	0.288920
9.51	56.00	1350	
9.50	55.00	1475	

Reviewer: NN6A, 21-Apr-2025 08:51:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

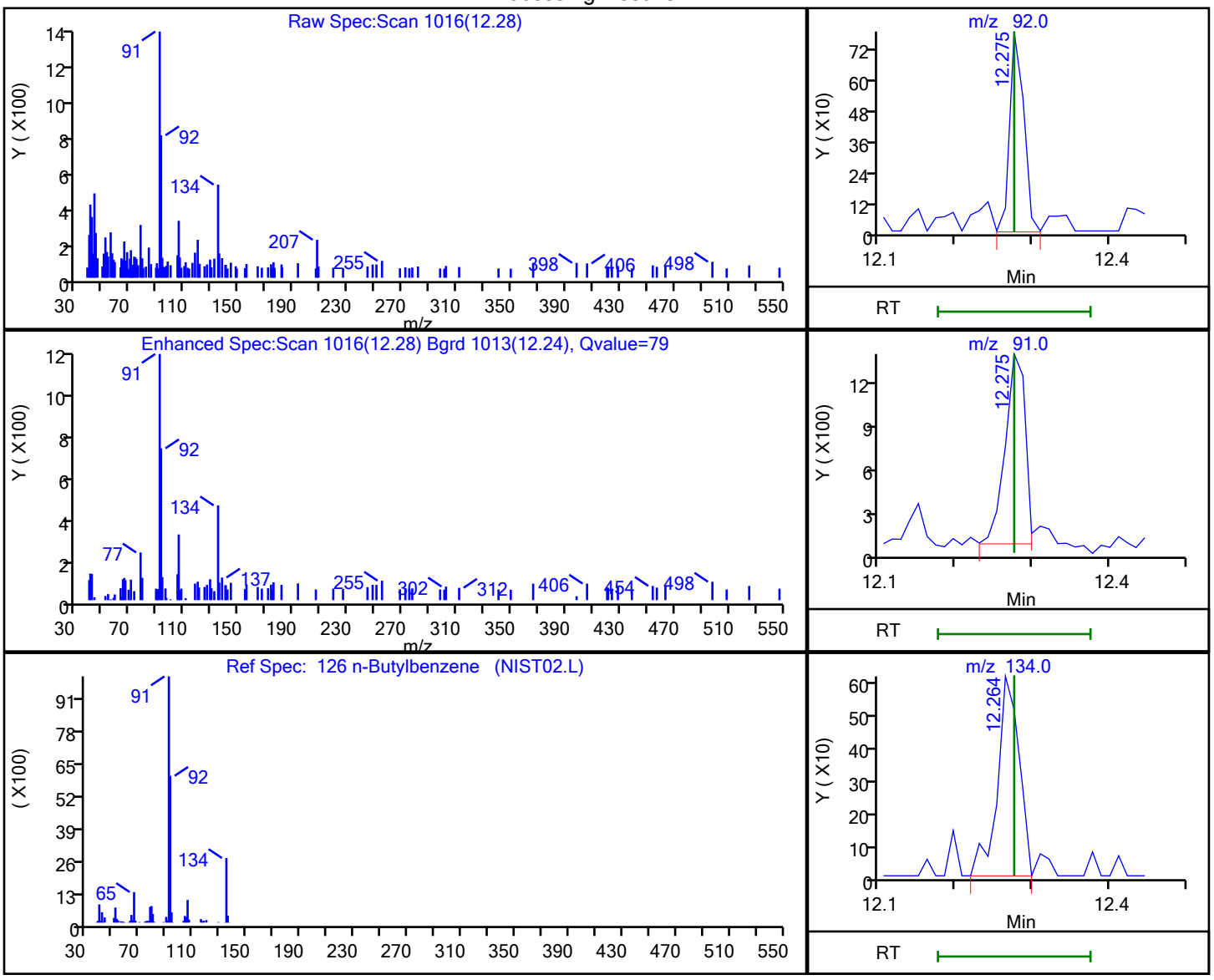
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
12.28	92.00	997	0.228350
12.28	91.00	2208	
12.26	134.00	1218	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

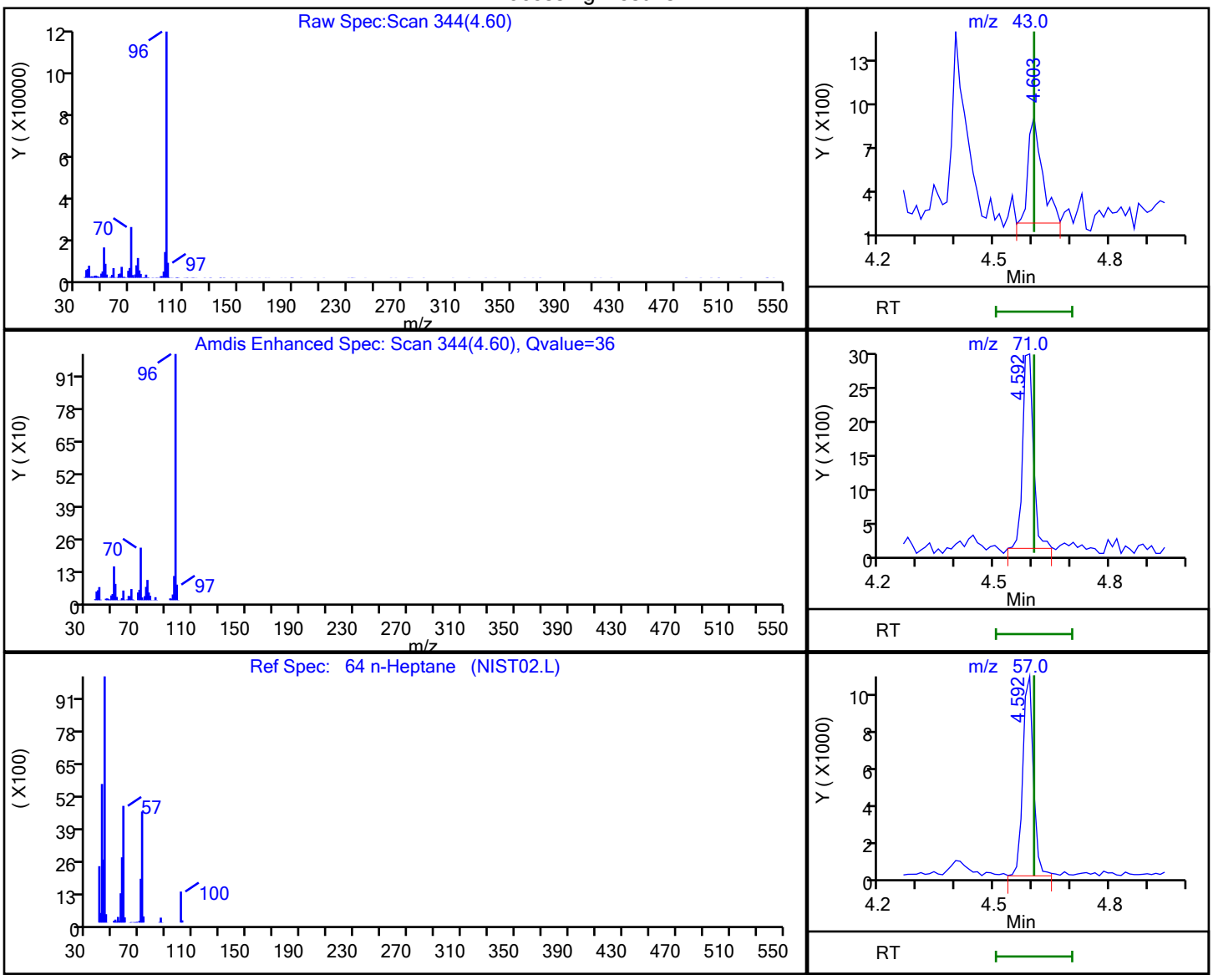
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.60	43.00	1769	0.439397
4.59	71.00	5666	
4.59	57.00	20828	

Reviewer: NN6A, 21-Apr-2025 08:50:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

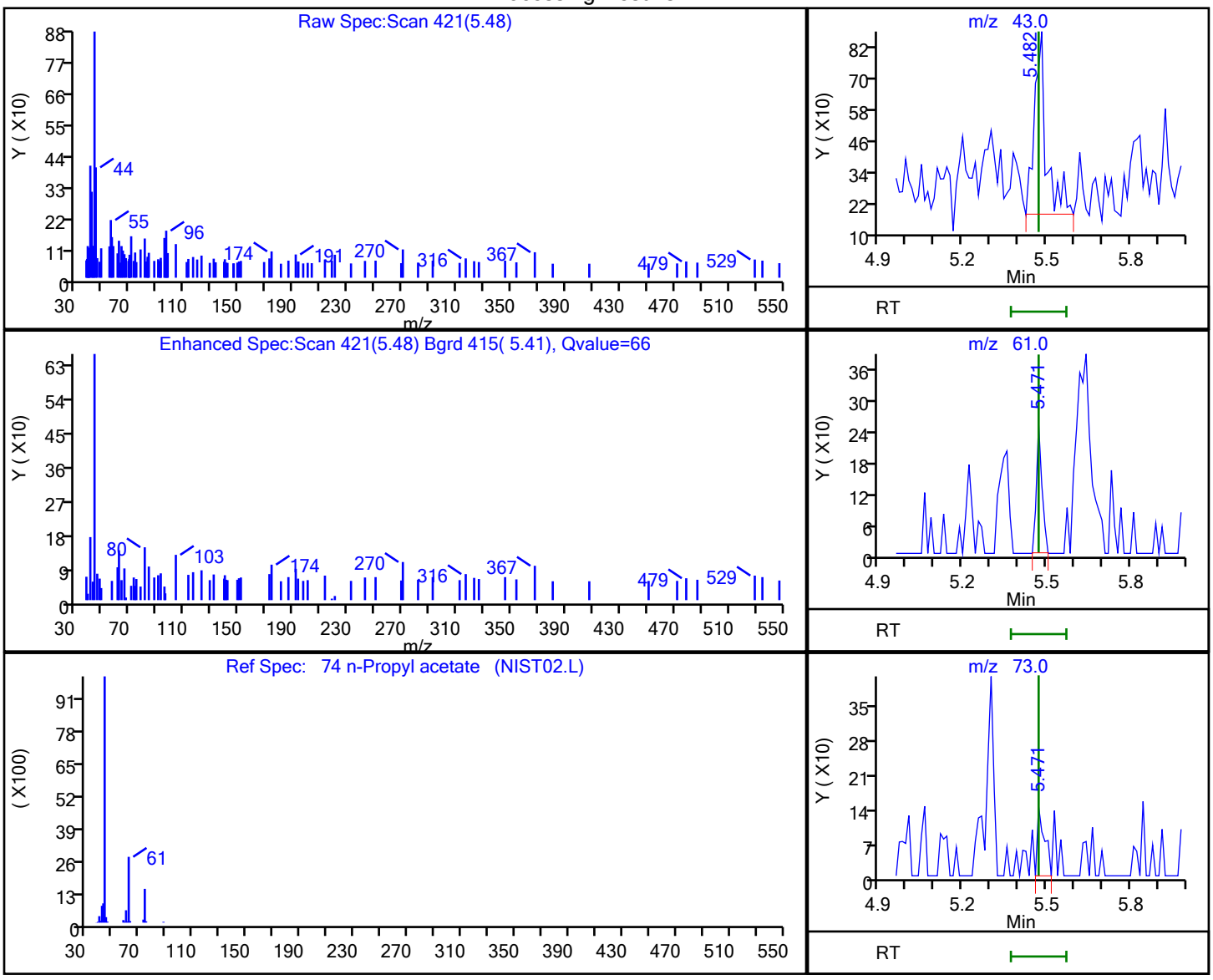
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.48	43.00	2097	0.364267
5.47	61.00	354	
5.47	73.00	256	

Reviewer: NN6A, 21-Apr-2025 08:51:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

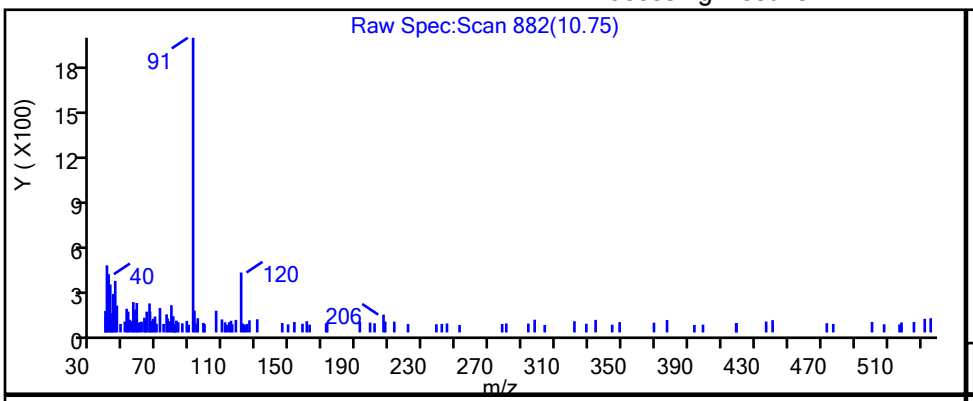
User Disabled Compound Report

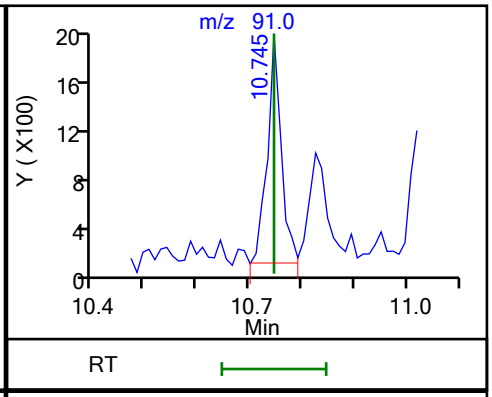
Eurofins Edison

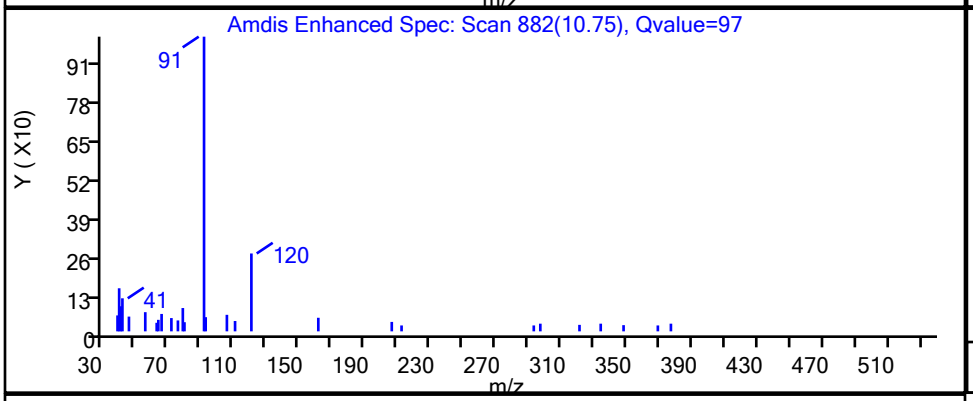
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d				
Injection Date:	19-Apr-2025 04:29:30	Instrument ID:	CVOAMS12		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

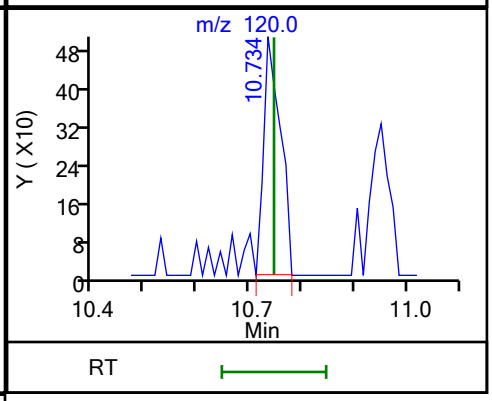
108 N-Propylbenzene, CAS: 103-65-1

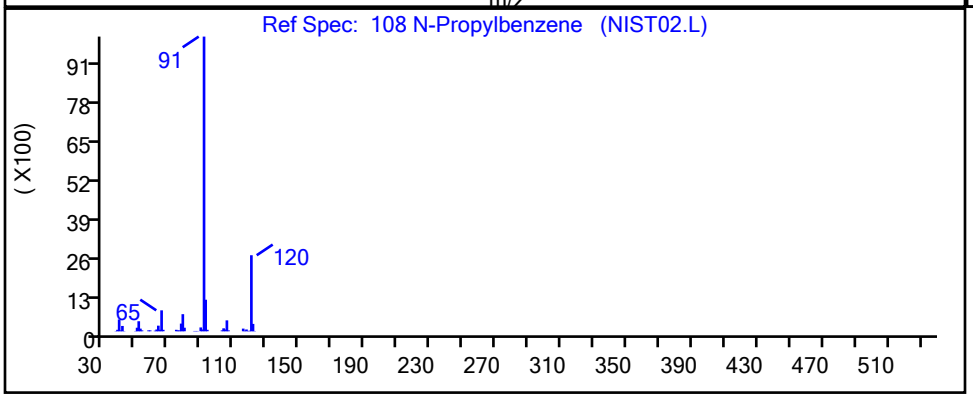
Processing Results











RT	Mass	Response	Amount
10.75	91.00	3512	0.237865
10.73	120.00	1130	

Reviewer: NN6A, 21-Apr-2025 08:52:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

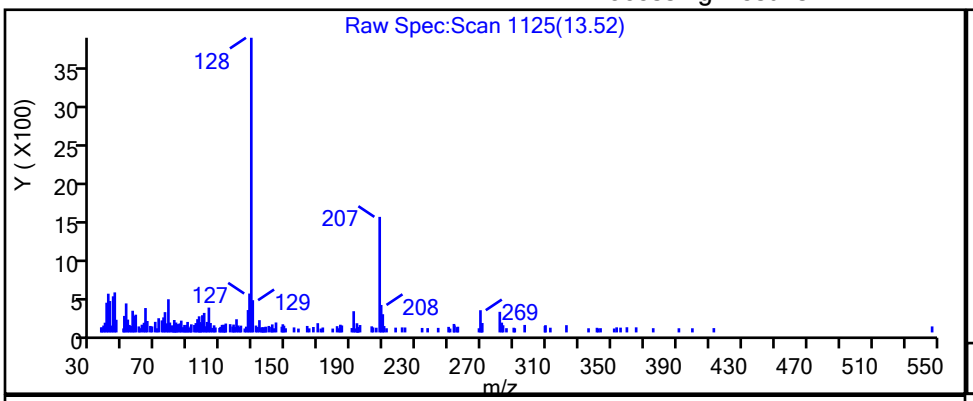
User Disabled Compound Report

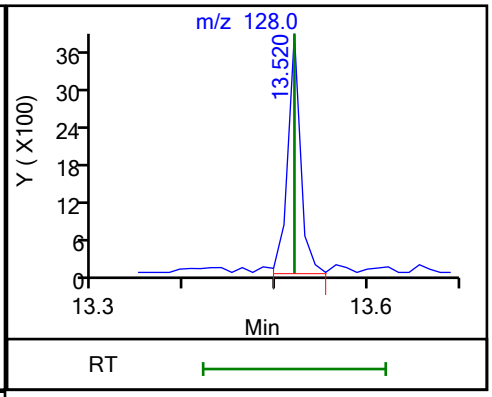
Eurofins Edison

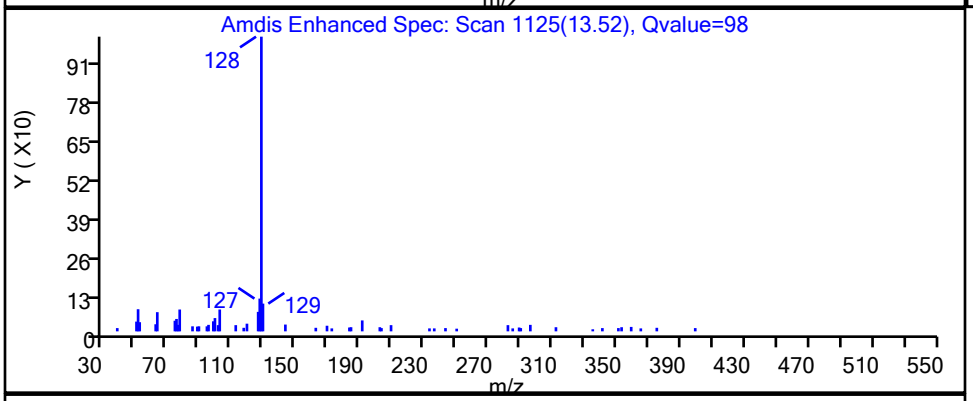
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

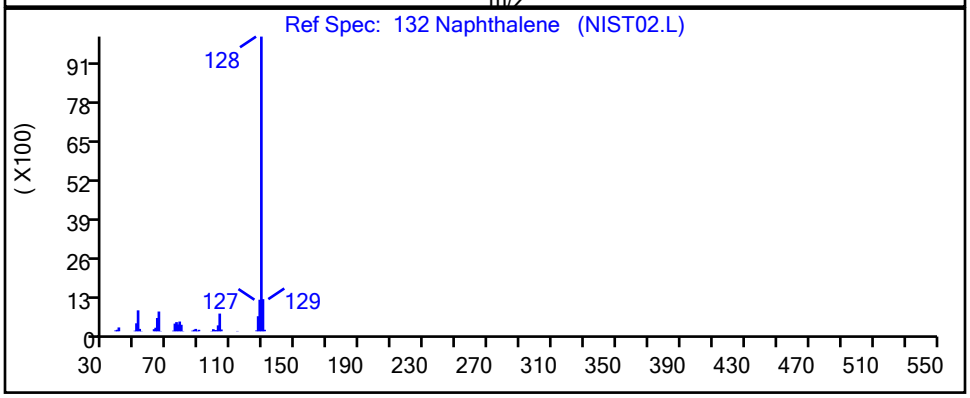
132 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.52	128.00	3670	0.522793

Reviewer: NN6A, 21-Apr-2025 08:52:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

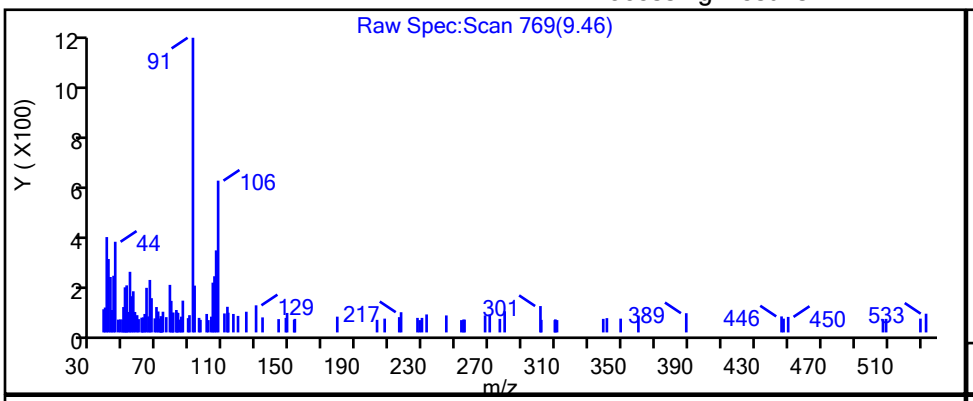
User Disabled Compound Report

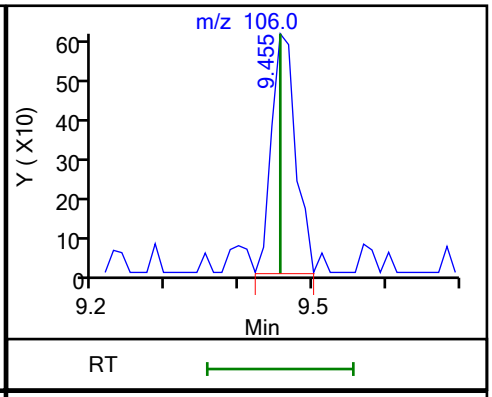
Eurofins Edison

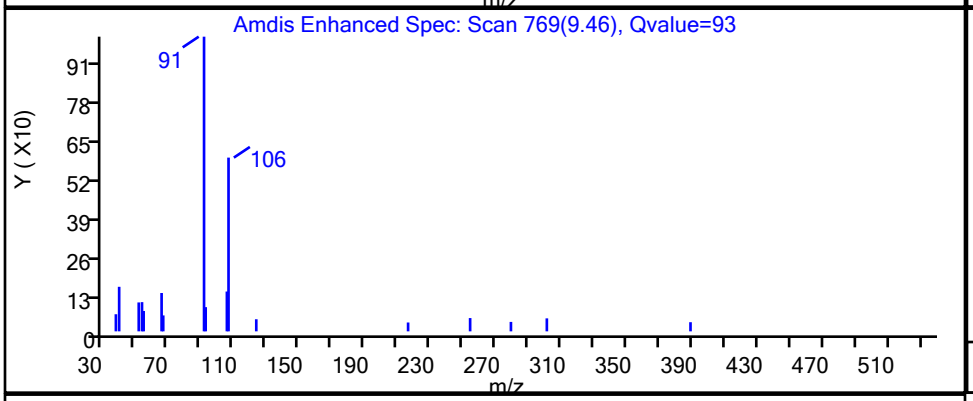
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

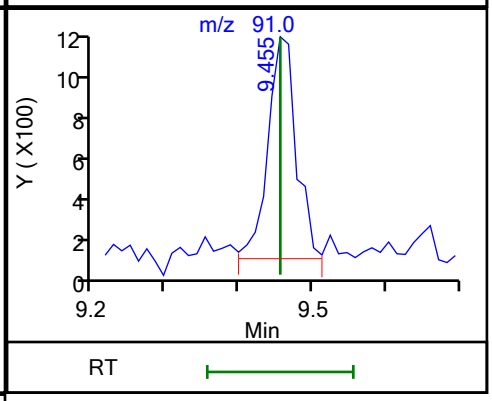
97 o-Xylene, CAS: 95-47-6

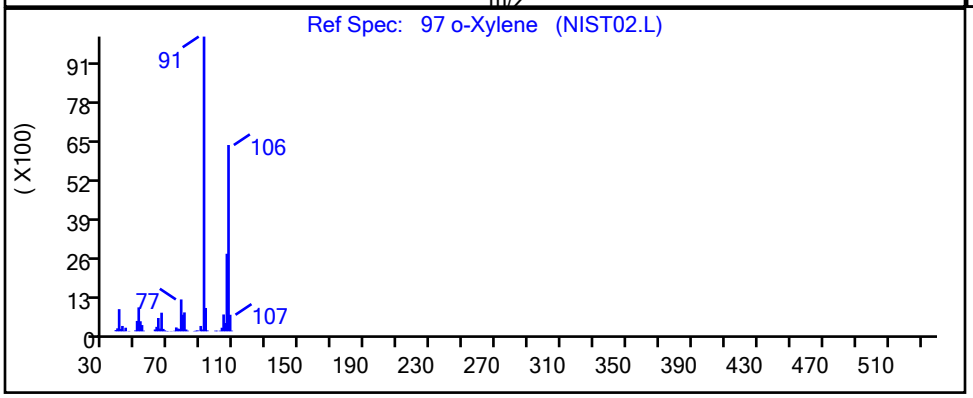
Processing Results











RT	Mass	Response	Amount
9.46	106.00	1403	0.243601
9.46	91.00	3041	

Reviewer: NN6A, 21-Apr-2025 08:51:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

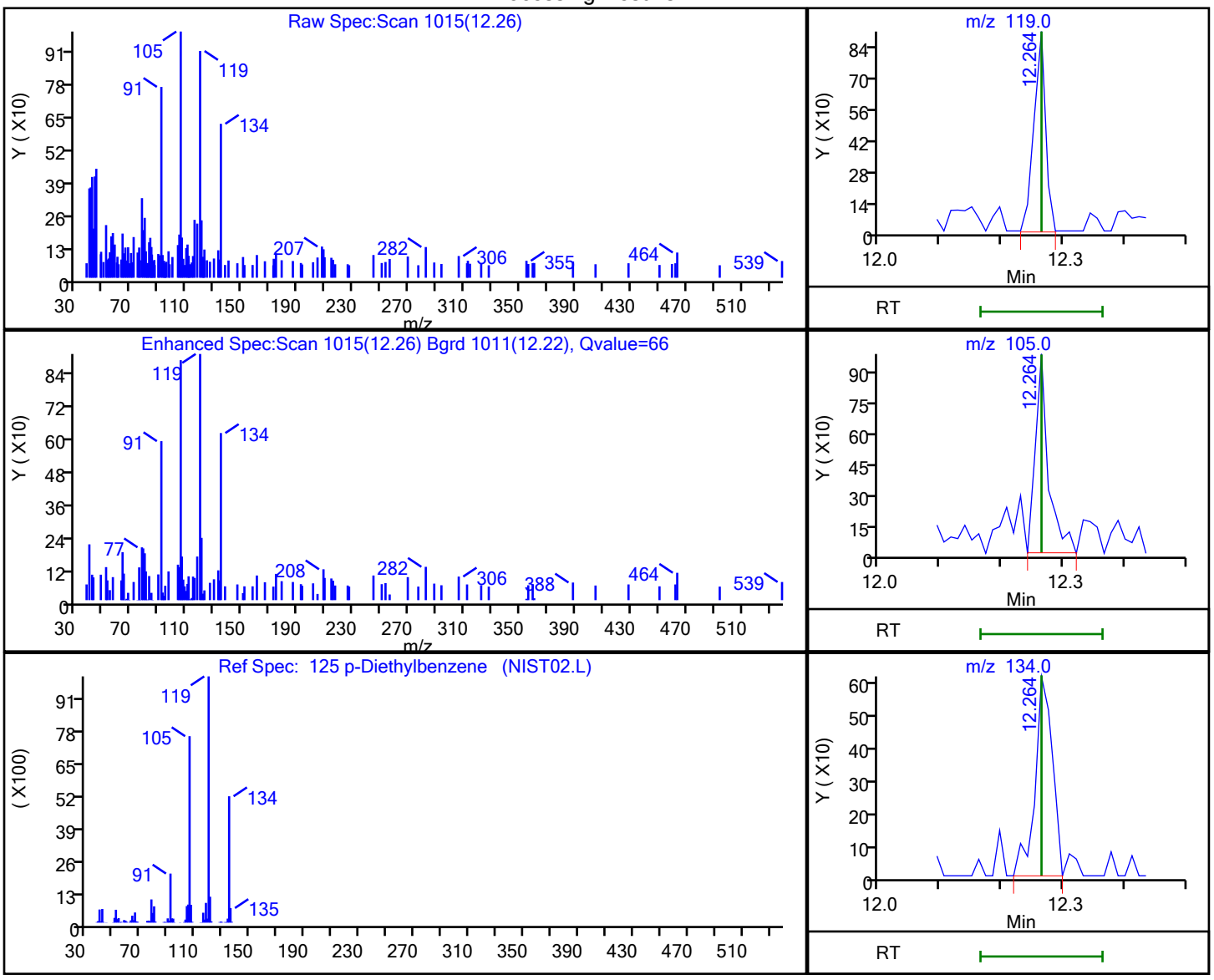
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
12.26	119.00	1211	0.227411
12.26	105.00	1470	
12.26	134.00	1218	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

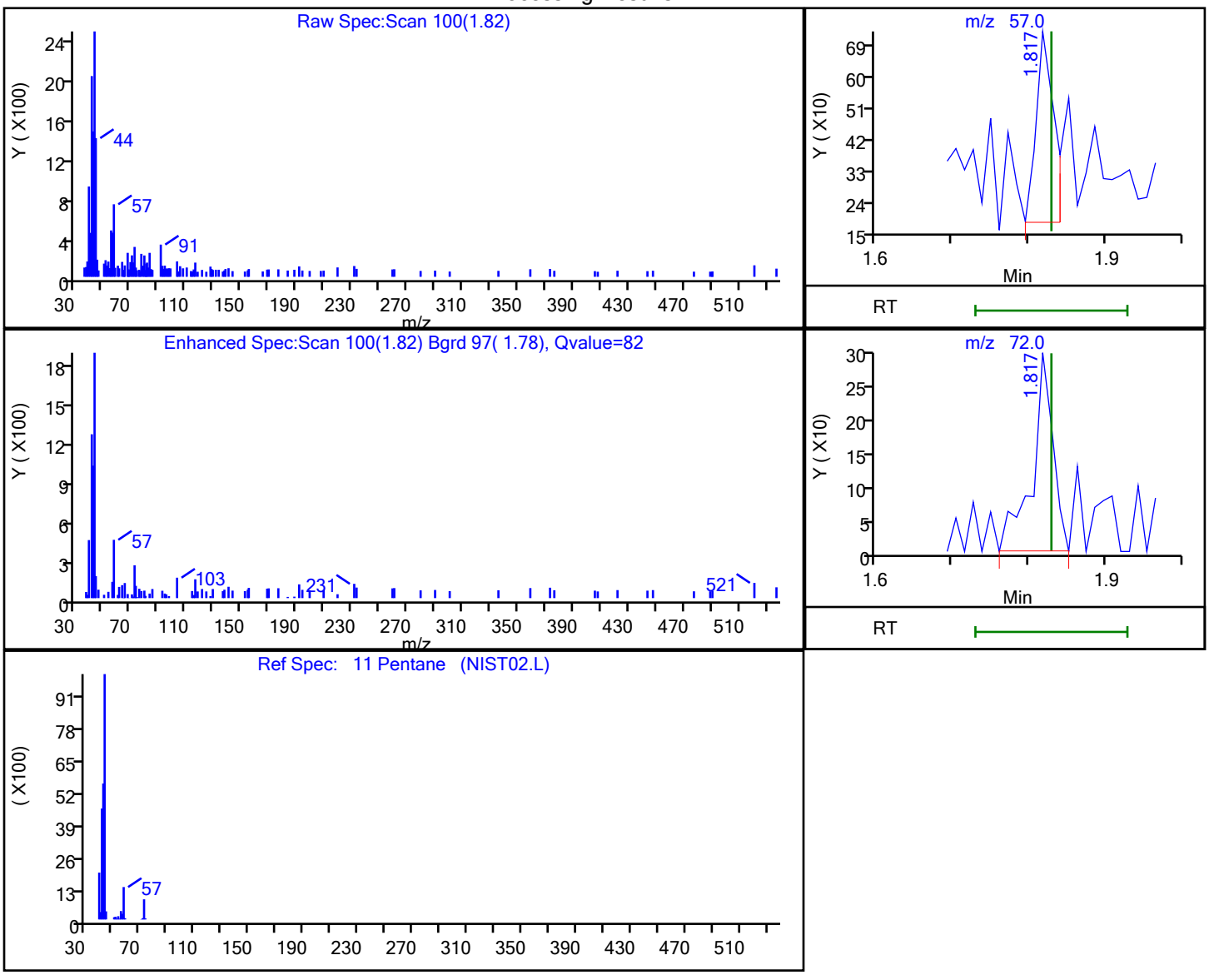
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.82	57.00	891	0.979430
1.82	72.00	566	

Reviewer: NN6A, 21-Apr-2025 08:49:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

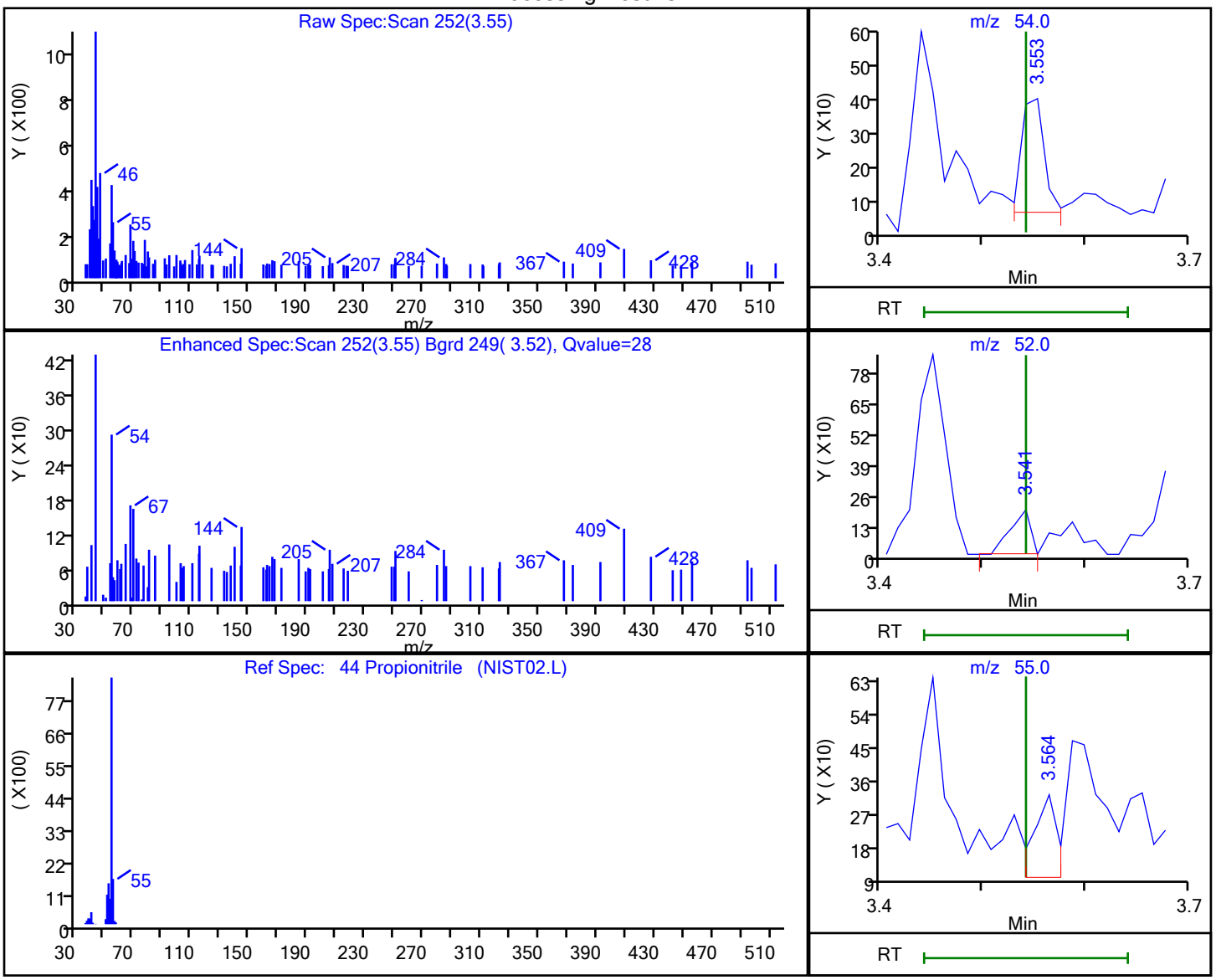
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.55	54.00	520	0.899635
3.54	52.00	265	
3.56	55.00	363	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

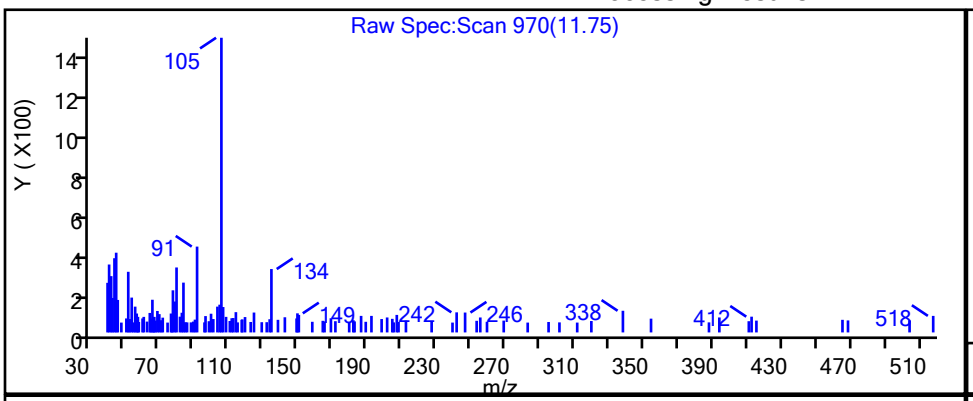
User Disabled Compound Report

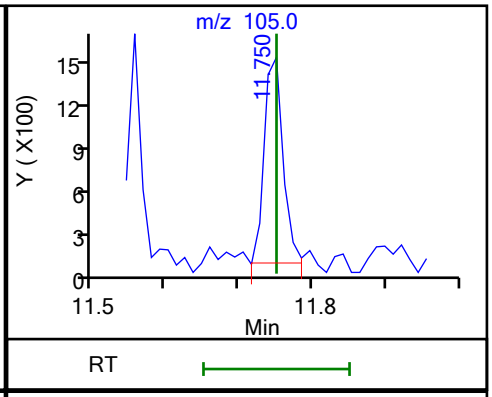
Eurofins Edison

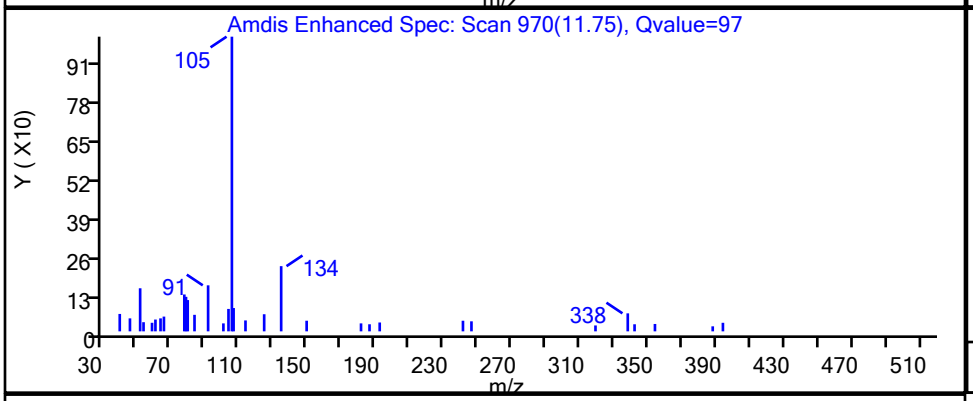
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d				
Injection Date:	19-Apr-2025 04:29:30	Instrument ID:	CVOAMS12		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

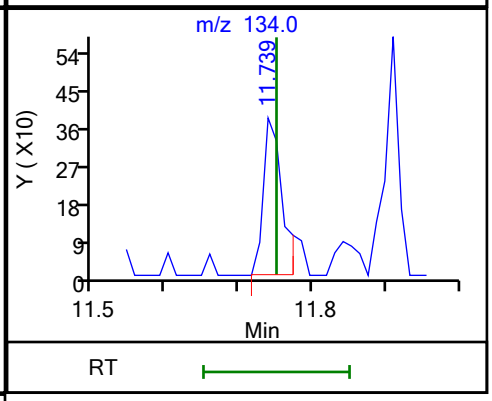
116 sec-Butylbenzene, CAS: 135-98-8

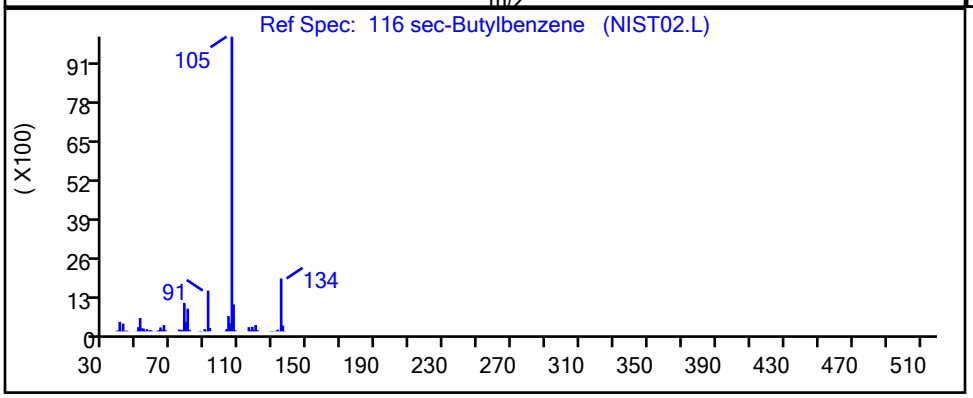
Processing Results











RT	Mass	Response	Amount
11.75	105.00	2598	0.222625
11.74	134.00	679	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

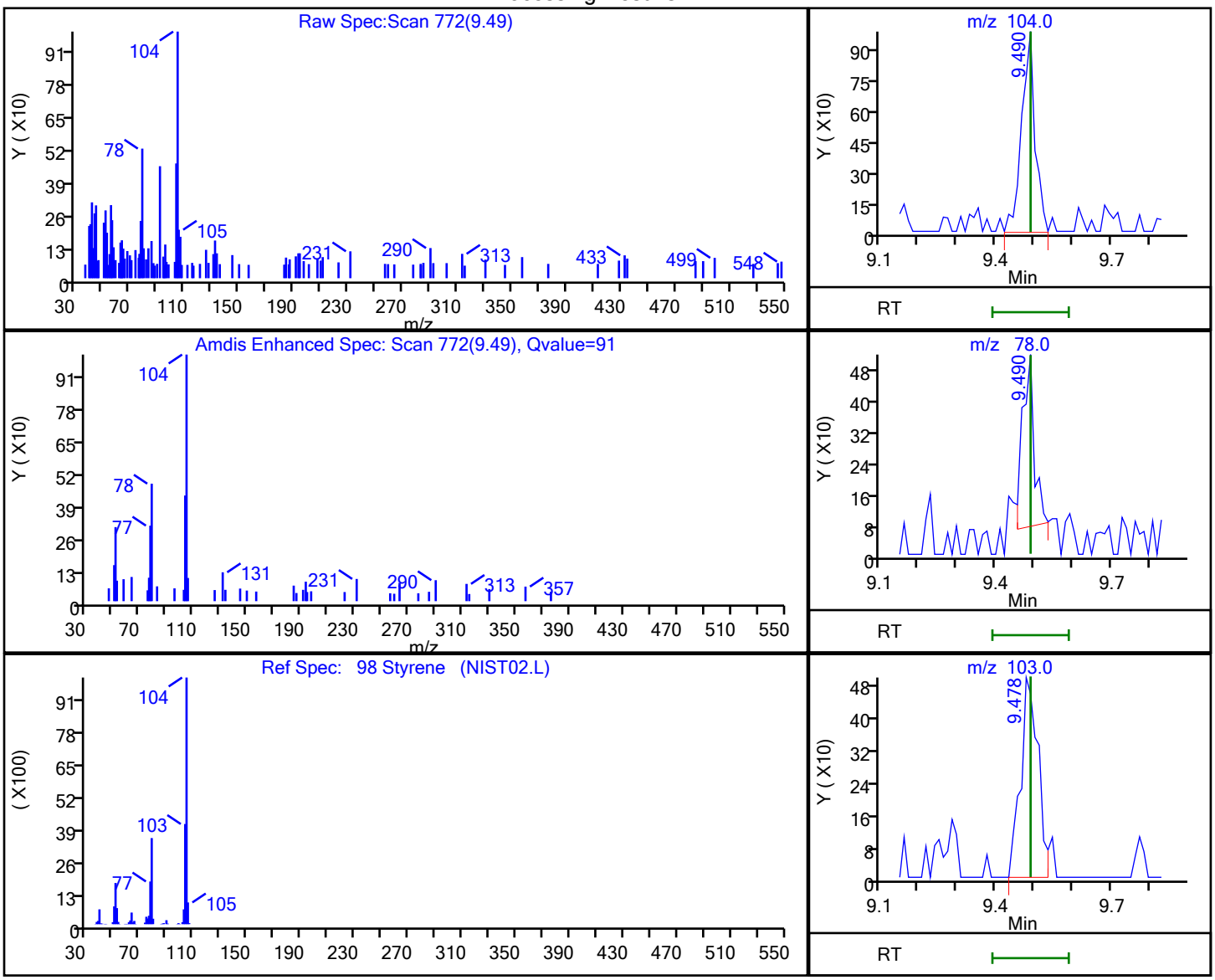
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

98 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.49	104.00	2382	0.243817
9.49	78.00	949	
9.48	103.00	1590	

Reviewer: NN6A, 21-Apr-2025 08:51:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

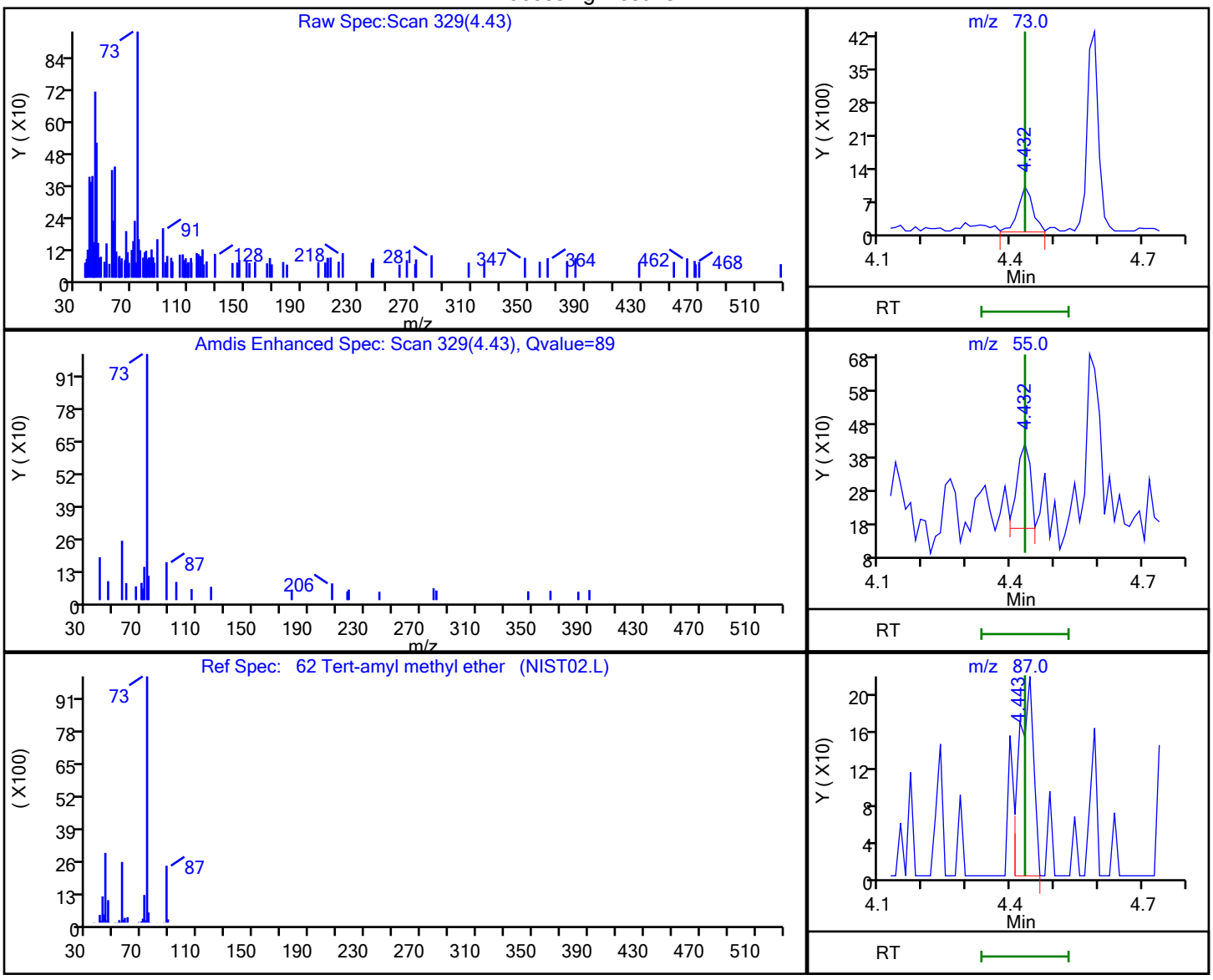
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.43	73.00	2129	0.211659
4.43	55.00	547	
4.44	87.00	469	

Reviewer: NN6A, 21-Apr-2025 08:50:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

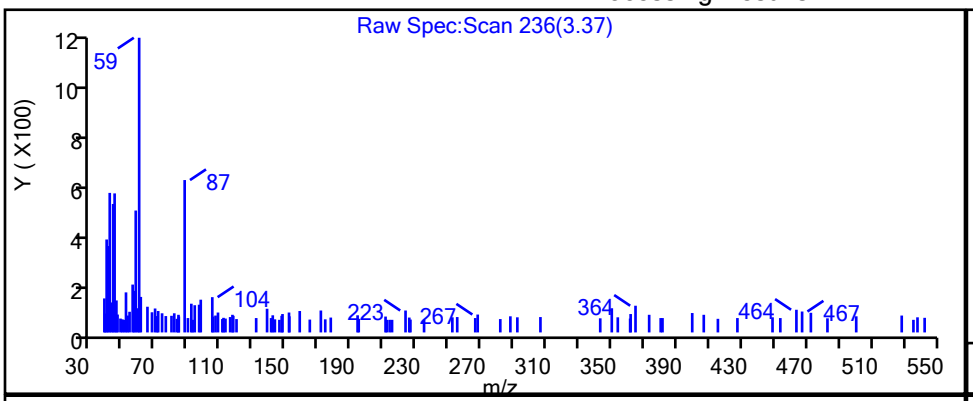
User Disabled Compound Report

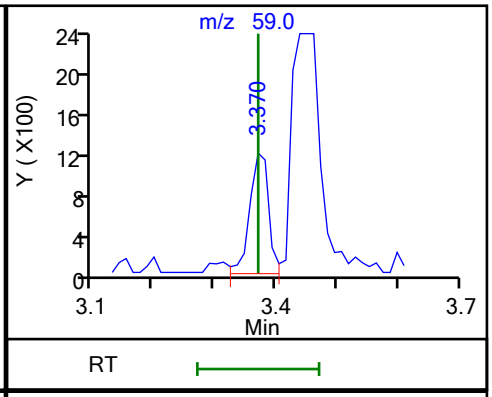
Eurofins Edison

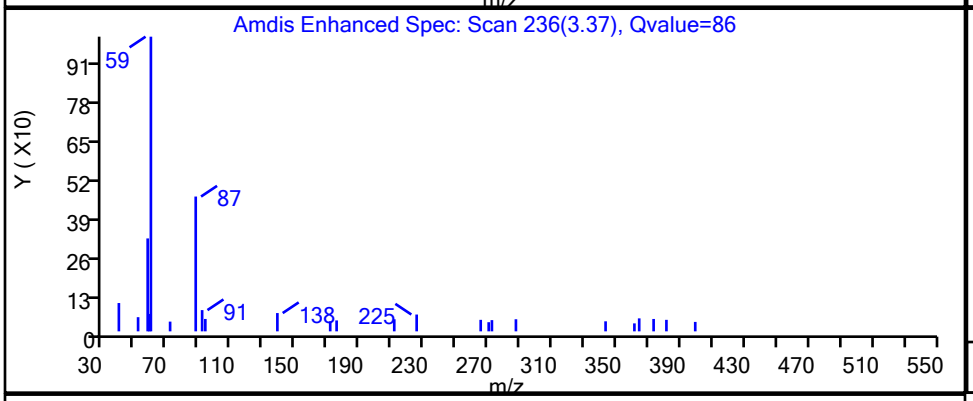
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

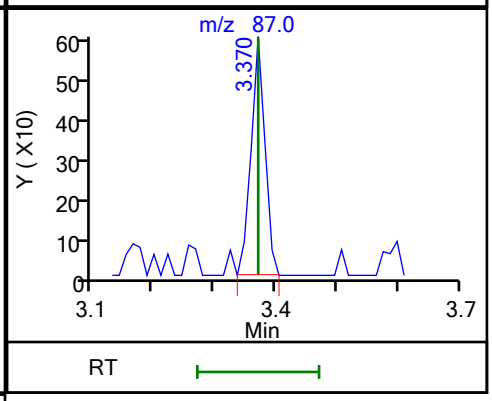
39 Tert-butyl ethyl ether, CAS: 637-92-3

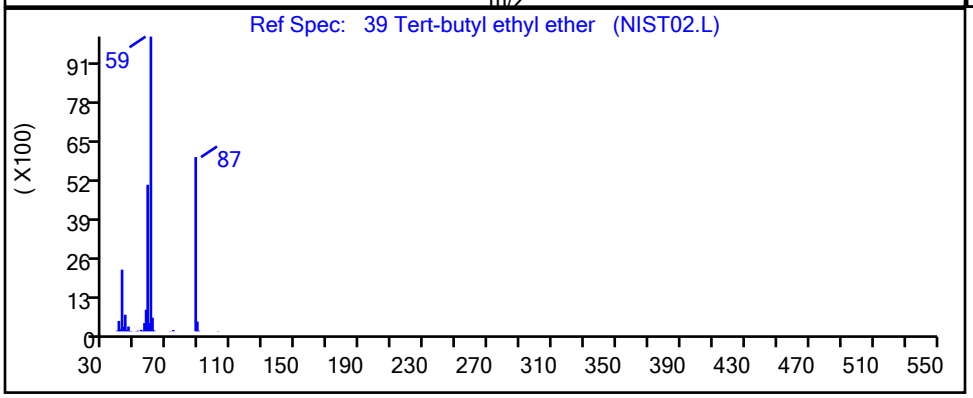
Processing Results











RT	Mass	Response	Amount
3.37	59.00	2520	0.214557
3.37	87.00	962	

Reviewer: NN6A, 21-Apr-2025 08:49:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

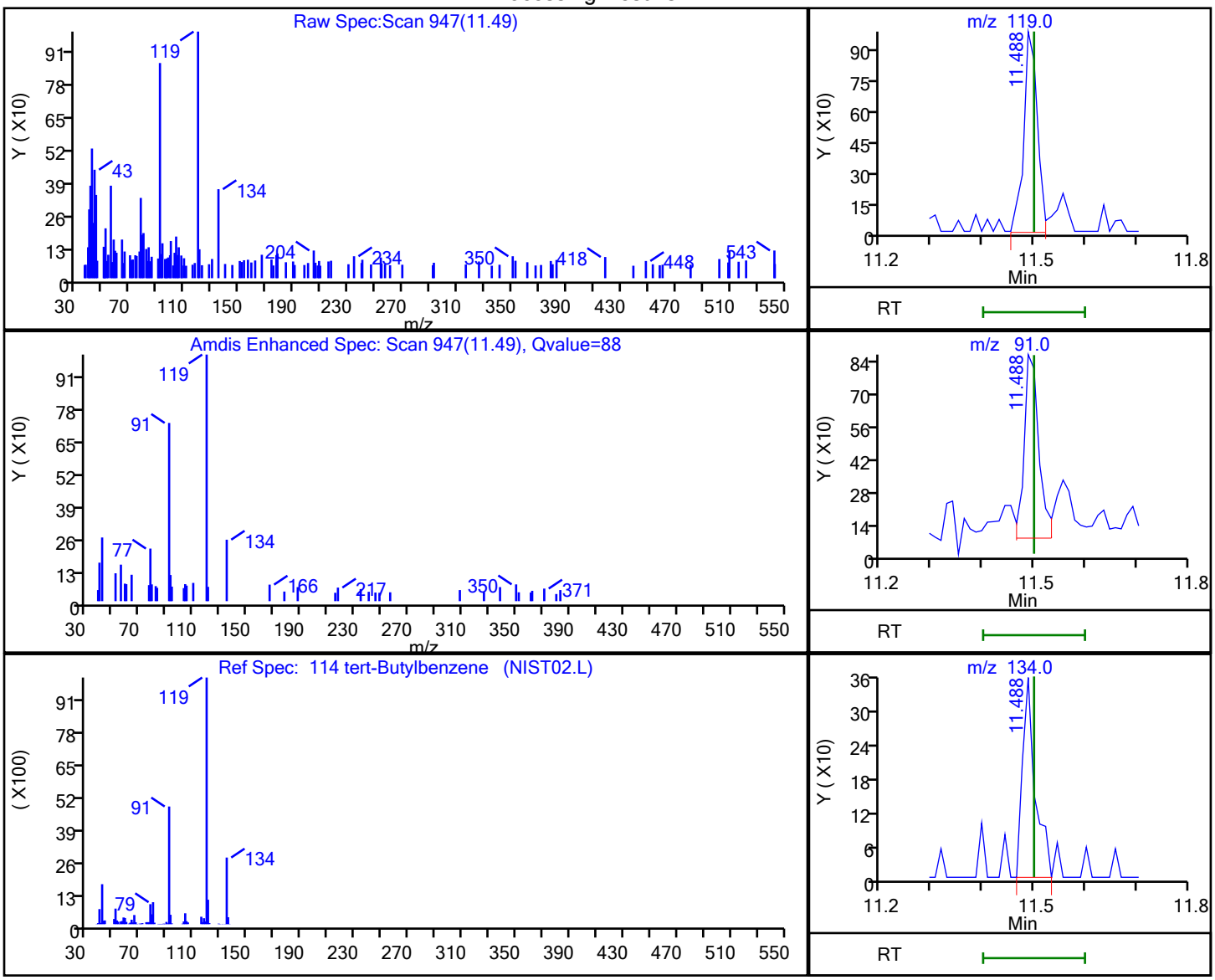
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

114 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
11.49	119.00	1822	0.223963
11.49	91.00	1617	
11.49	134.00	616	

Reviewer: NN6A, 21-Apr-2025 08:52:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

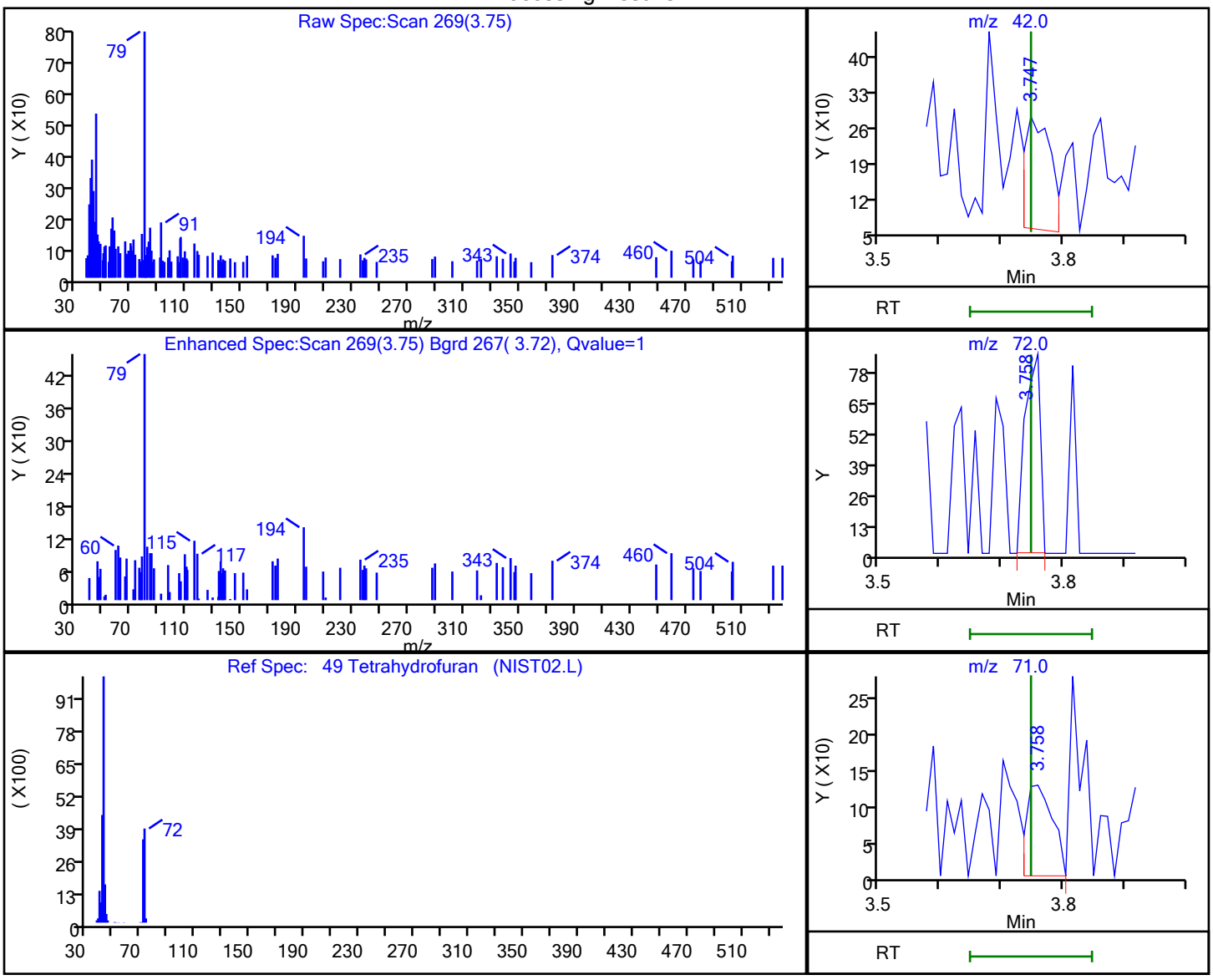
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.75	42.00	670	0.983471
3.76	72.00	149	
3.76	71.00	377	

Reviewer: NN6A, 21-Apr-2025 08:49:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

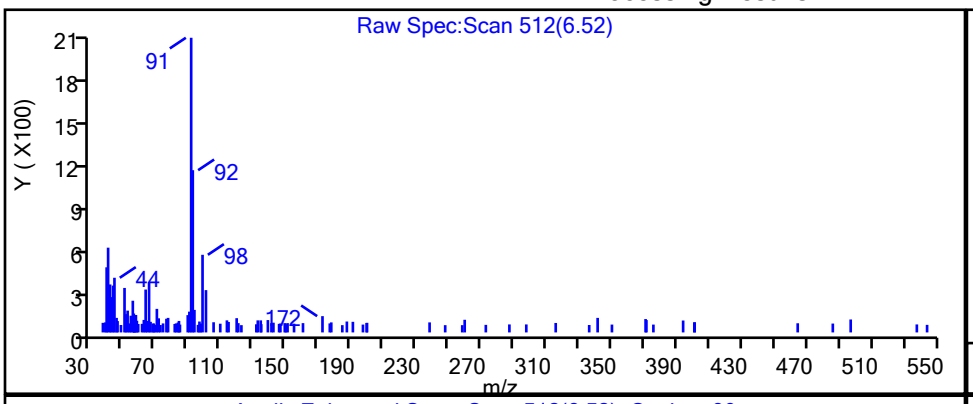
User Disabled Compound Report

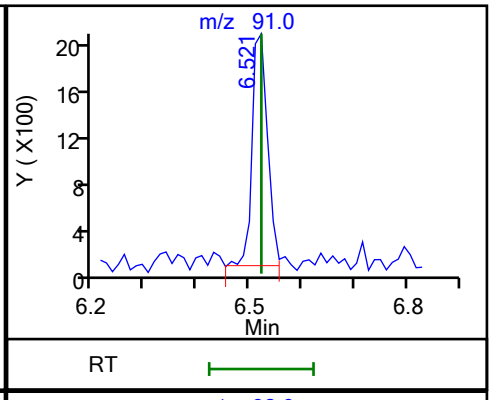
Eurofins Edison

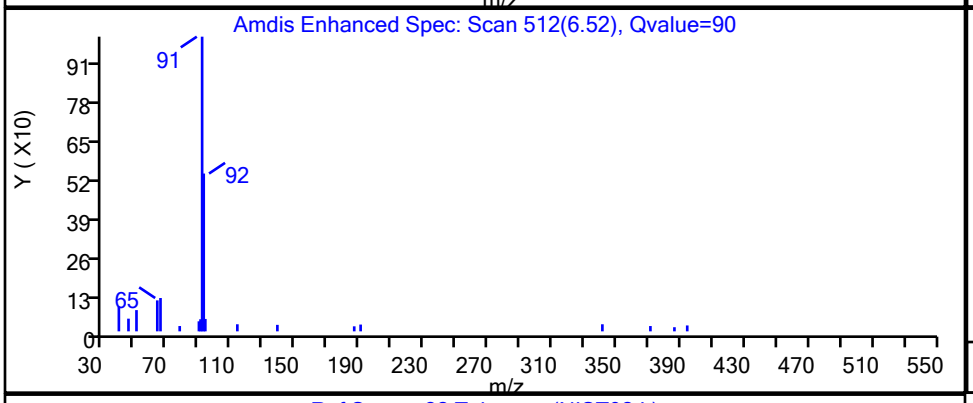
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

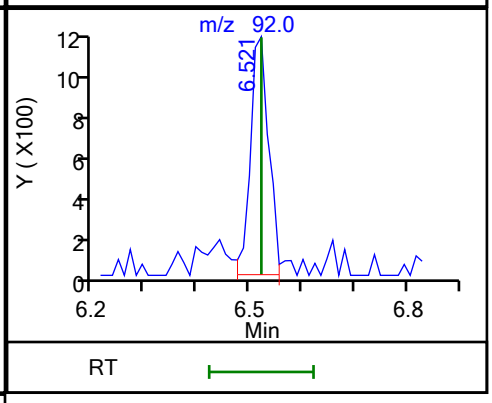
82 Toluene, CAS: 108-88-3

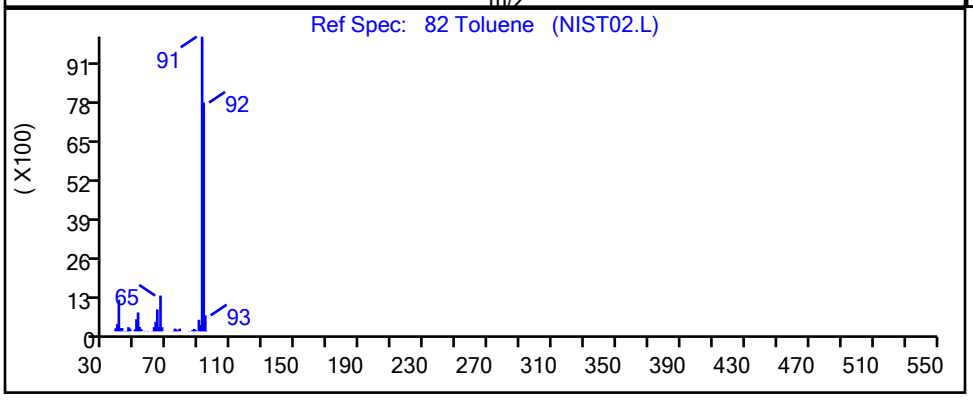
Processing Results











RT	Mass	Response	Amount
6.52	91.00	3992	0.266625
6.52	92.00	2731	

Reviewer: NN6A, 21-Apr-2025 08:51:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

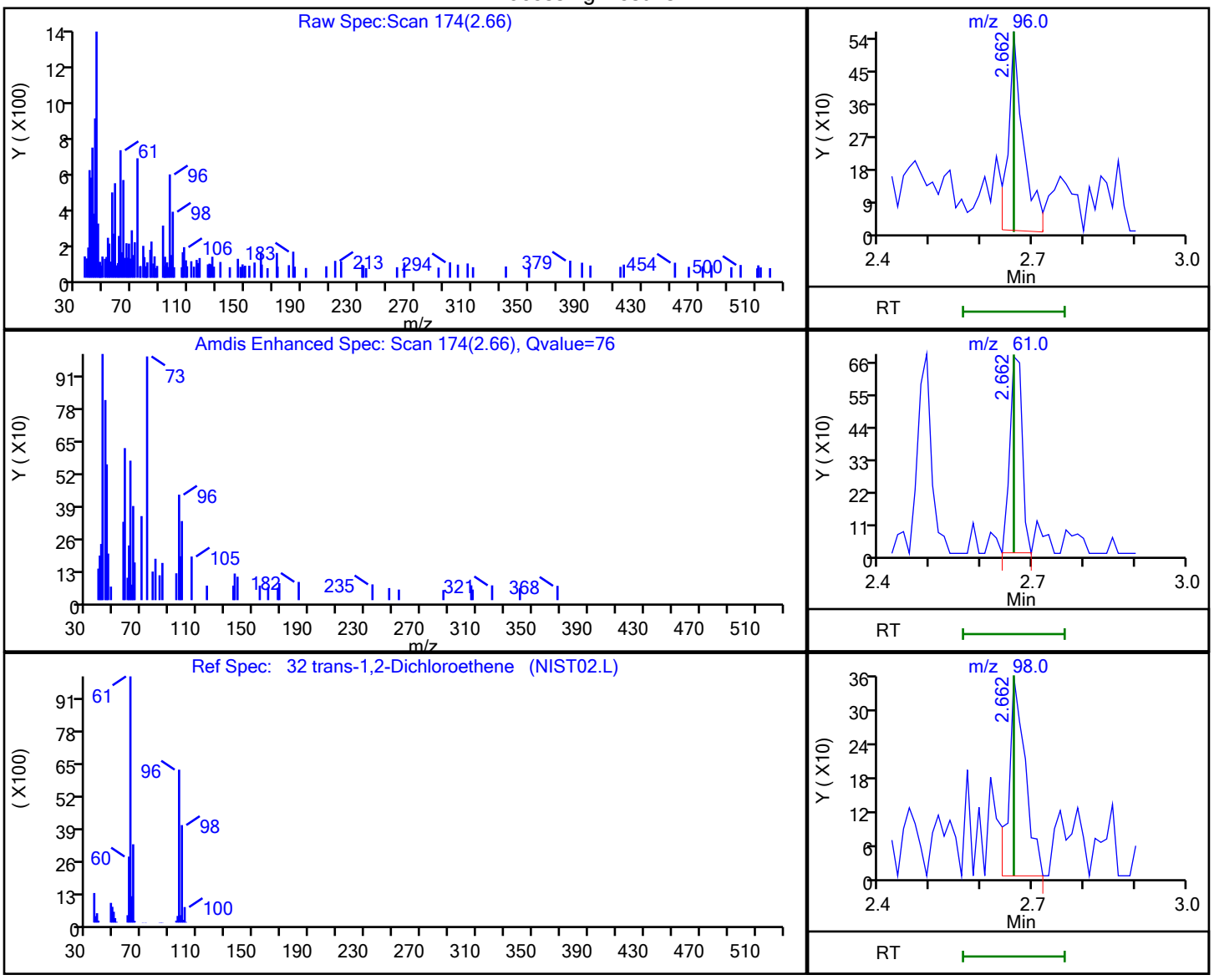
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.66	96.00	1124	0.345017
2.66	61.00	1149	
2.66	98.00	781	

Reviewer: NN6A, 21-Apr-2025 08:49:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

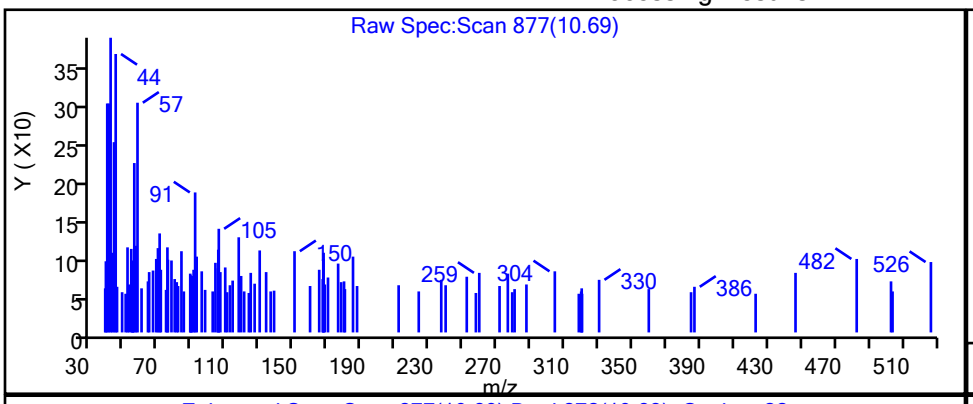
User Disabled Compound Report

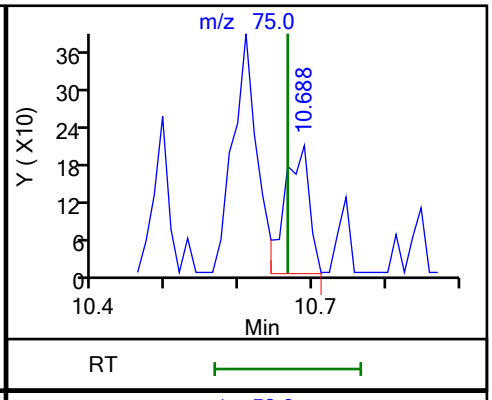
Eurofins Edison

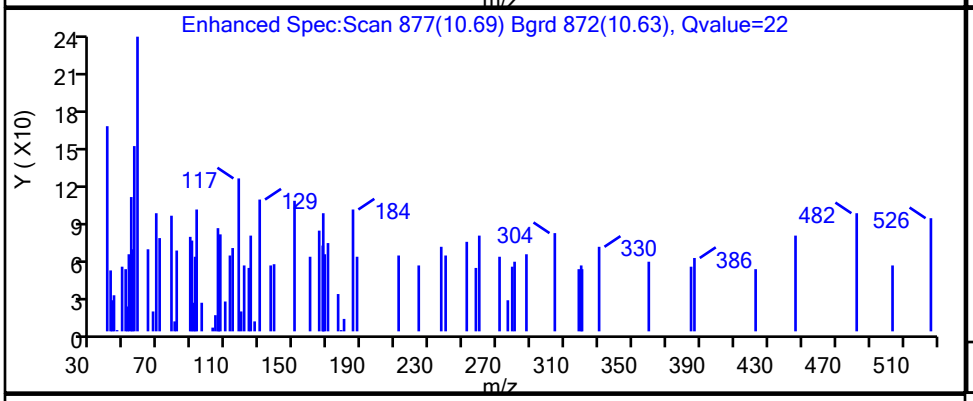
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

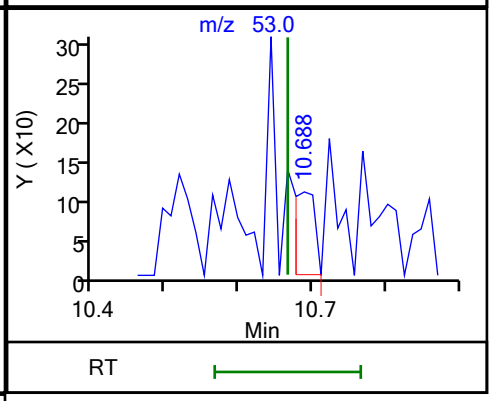
107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

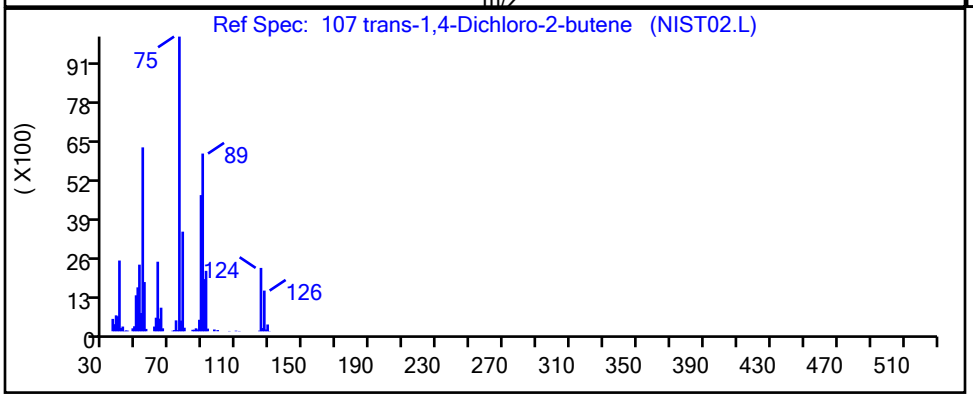
Processing Results











RT	Mass	Response	Amount
10.69	75.00	480	0.309704
10.69	53.00	215	

Reviewer: NN6A, 21-Apr-2025 08:52:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

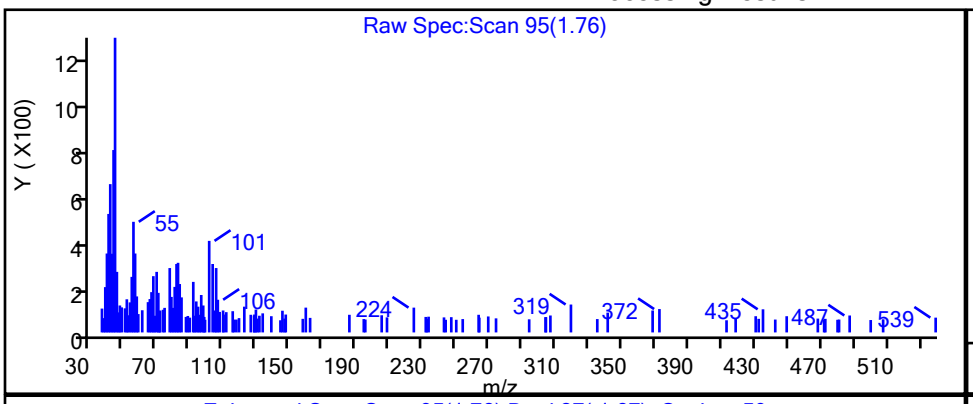
User Disabled Compound Report

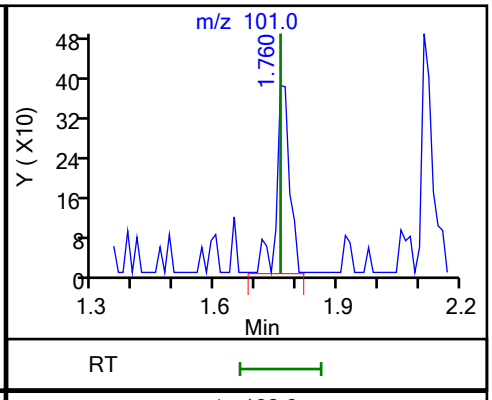
Eurofins Edison

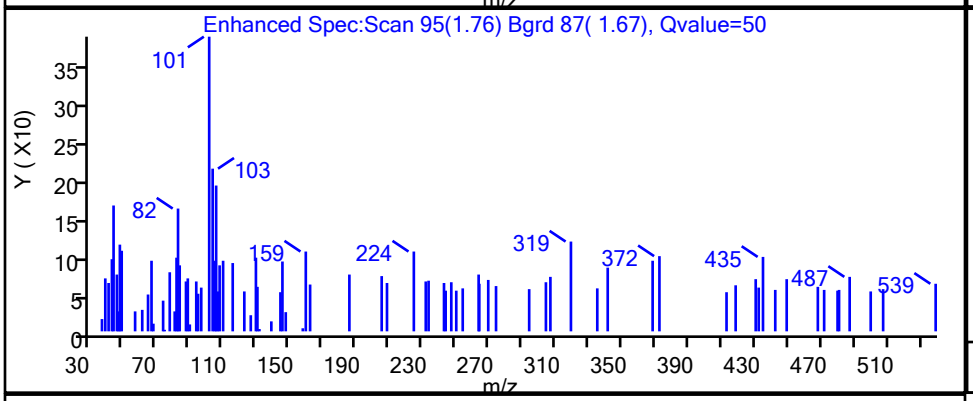
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

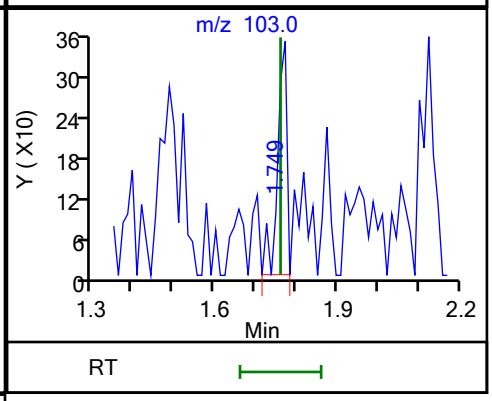
10 Trichlorofluoromethane, CAS: 75-69-4

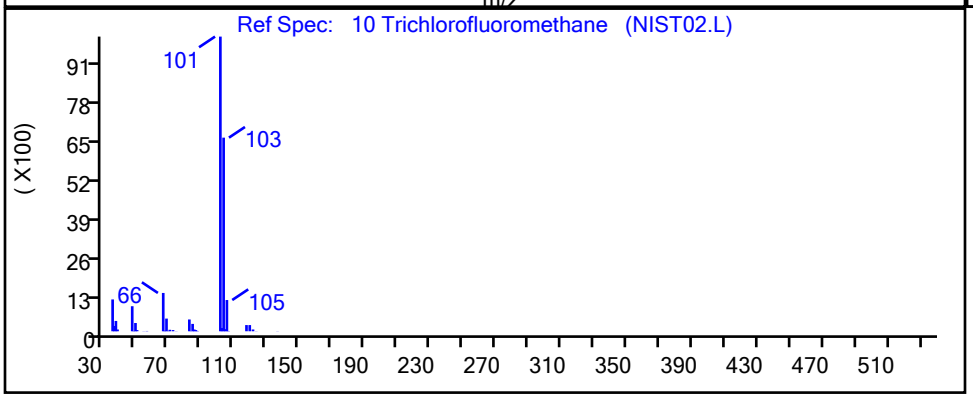
Processing Results











RT	Mass	Response	Amount
1.76	101.00	852	0.193252
1.75	103.00	552	

Reviewer: NN6A, 21-Apr-2025 08:49:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

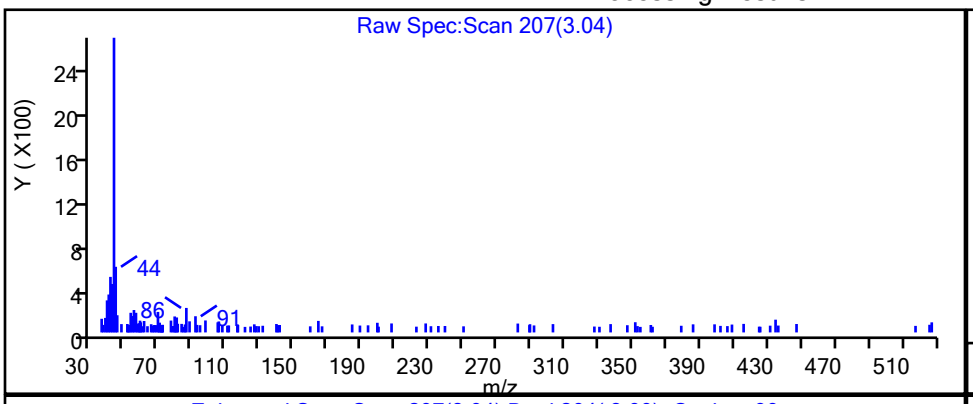
User Disabled Compound Report

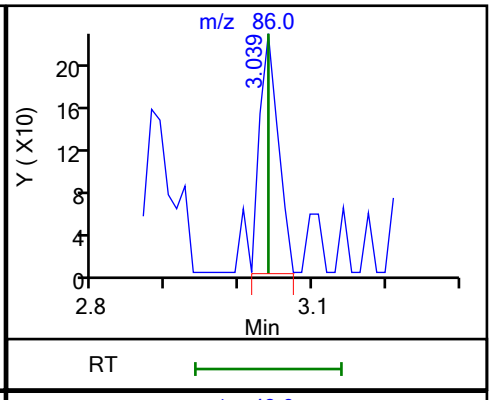
Eurofins Edison

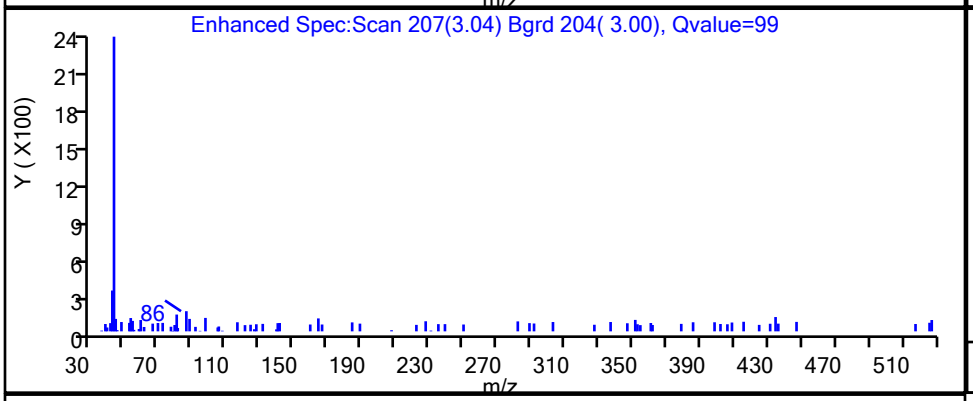
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

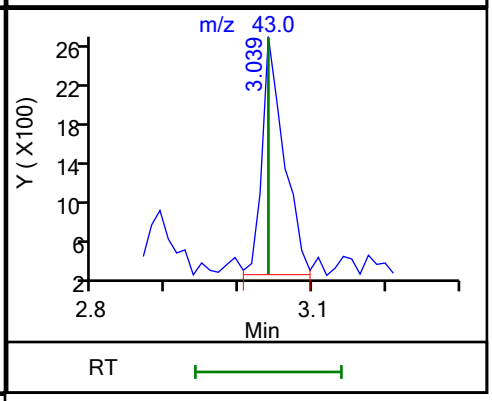
36 Vinyl acetate, CAS: 108-05-4

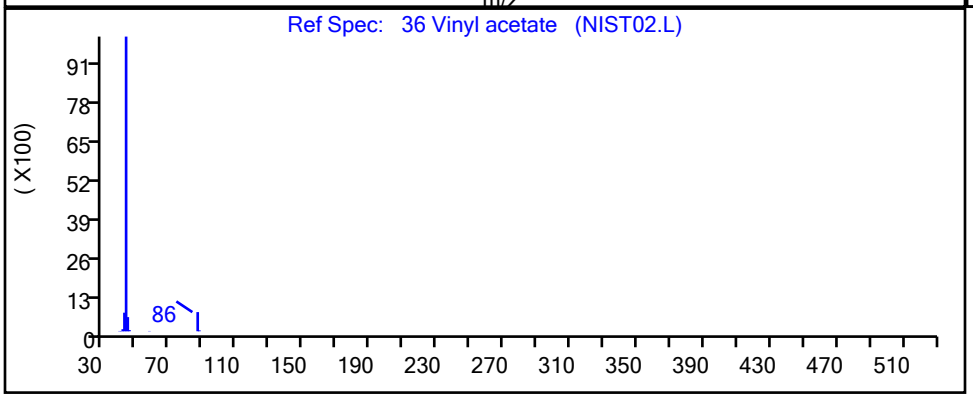
Processing Results











RT	Mass	Response	Amount
3.04	86.00	388	0.523178
3.04	43.00	5055	

Reviewer: NN6A, 21-Apr-2025 08:49:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

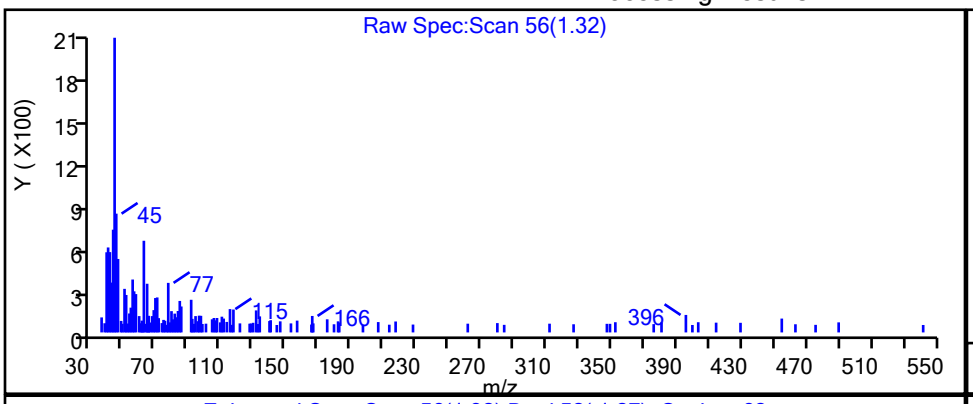
User Disabled Compound Report

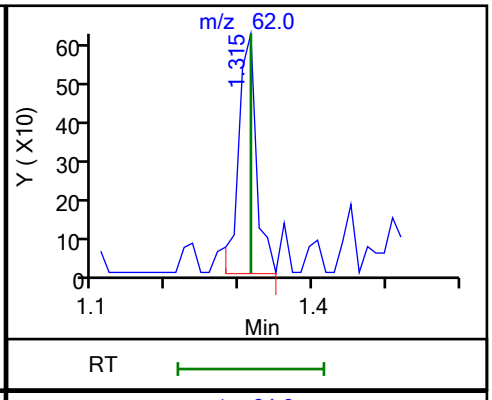
Eurofins Edison

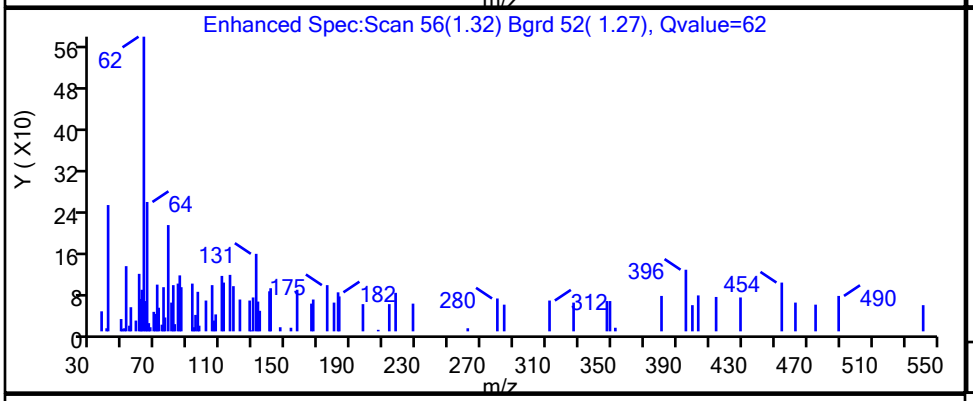
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28654.d
Injection Date: 19-Apr-2025 04:29:30 Instrument ID: CVOAMS12
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

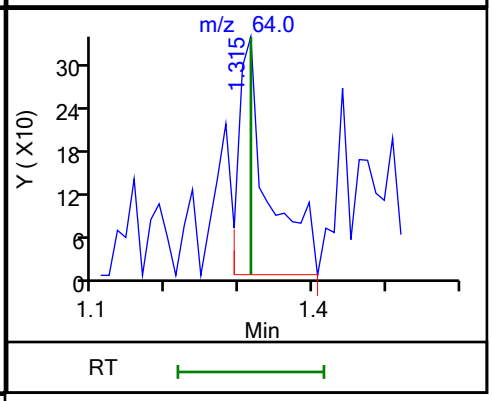
5 Vinyl chloride, CAS: 75-01-4

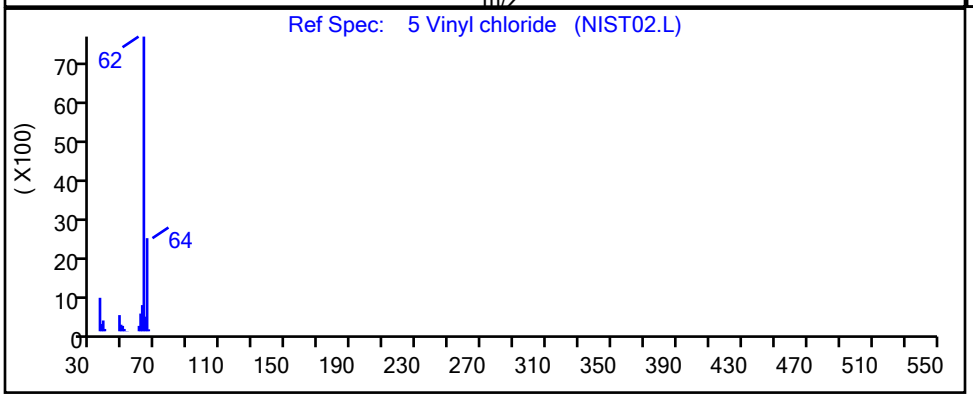
Processing Results











RT	Mass	Response	Amount
1.32	62.00	1057	0.254304
1.32	64.00	917	

Reviewer: NN6A, 24-Apr-2025 17:48:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Apr-2025 04:57:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0189580-004
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:51:03 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 05:58:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Butadiene	54	1.338	1.338	0.000	84	1308	0.2500	0.3457	M
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	205971	1000.0	1000.0	
31 Acrylonitrile	53	2.640	2.640	0.000	98	1673	2.00	1.93	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	294772	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	112081	50.0	50.9	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	167230	50.0	51.2	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	487734	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	28861	1000.0	1000.0	
78 Epichlorohydrin	57	5.996	5.985	0.011	94	3600	5.00	11.3	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	494669	50.0	50.4	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	347764	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	82	133462	50.0	49.8	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	166171	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

GASES Li_00637	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00203	Amount Added:	0.00	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	20.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:51:05 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d

Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12 Operator ID:

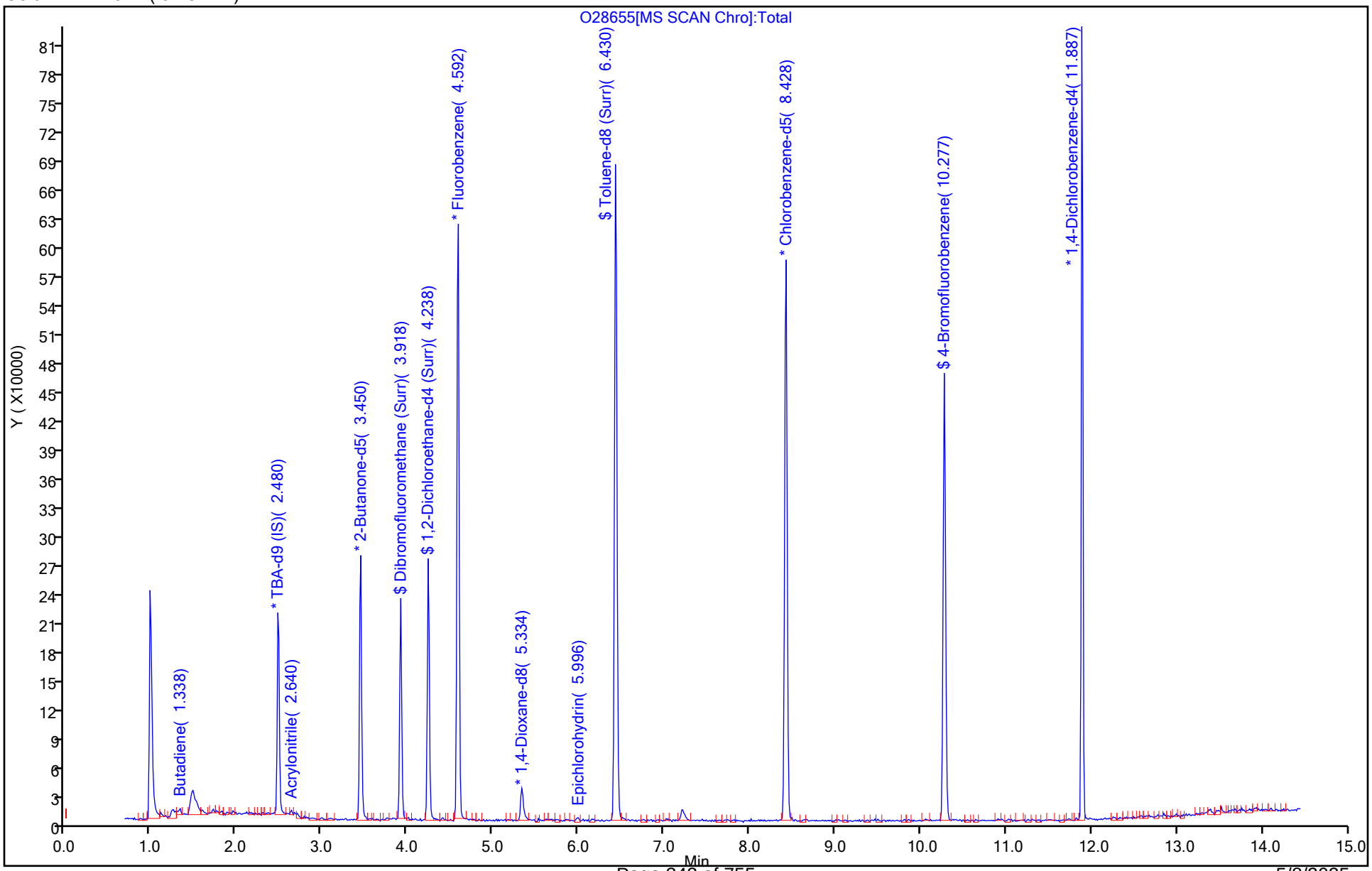
Lims ID: STD8 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison

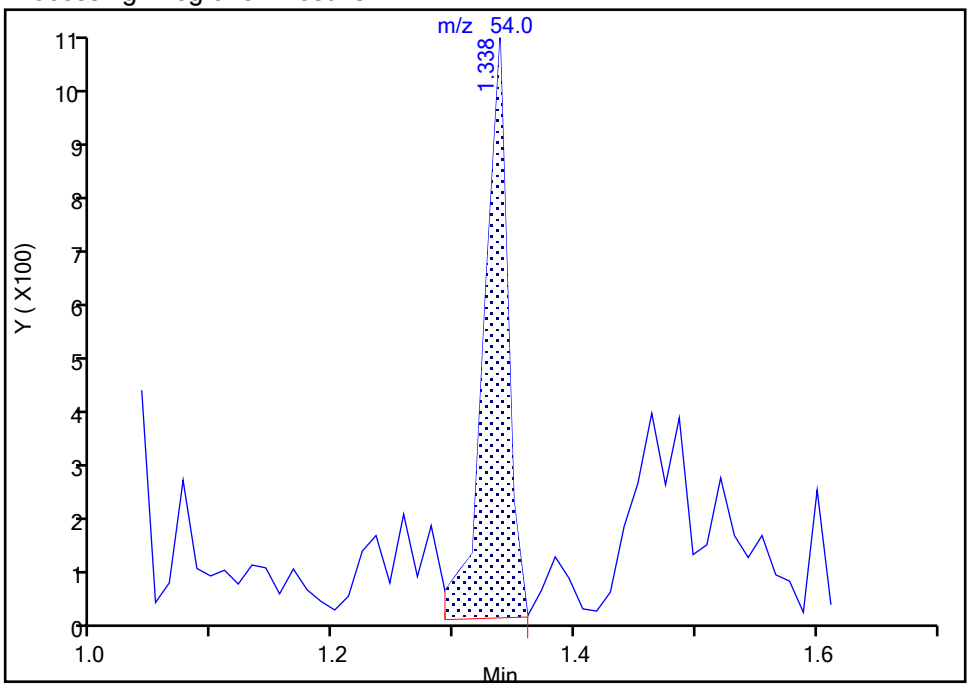
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

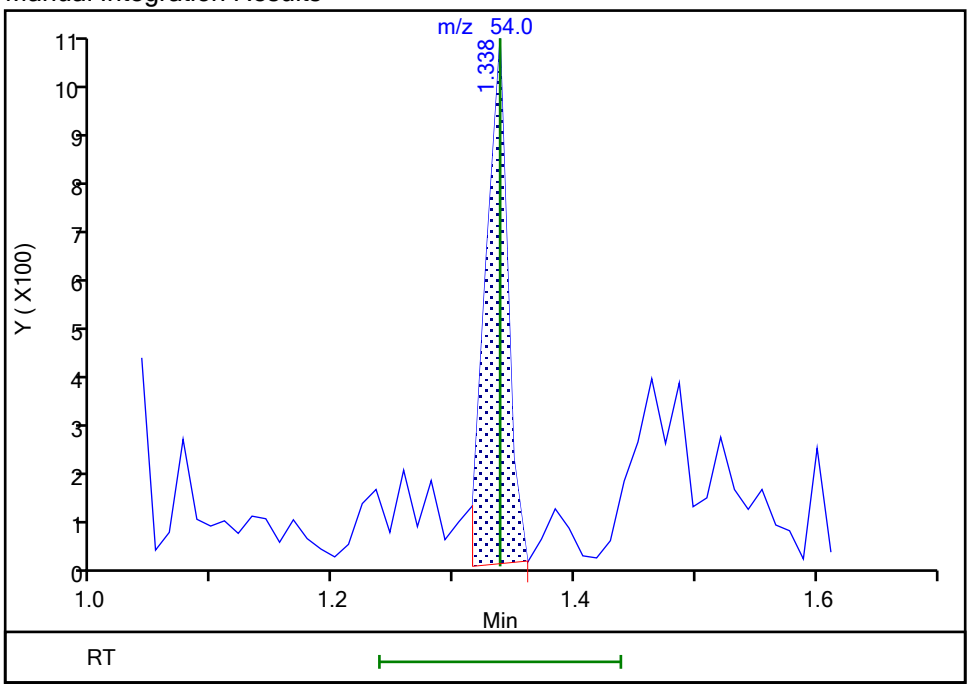
Processing Integration Results

RT: 1.34
Area: 1399
Amount: 0.336051
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 1308
Amount: 0.345695
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:54:51 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

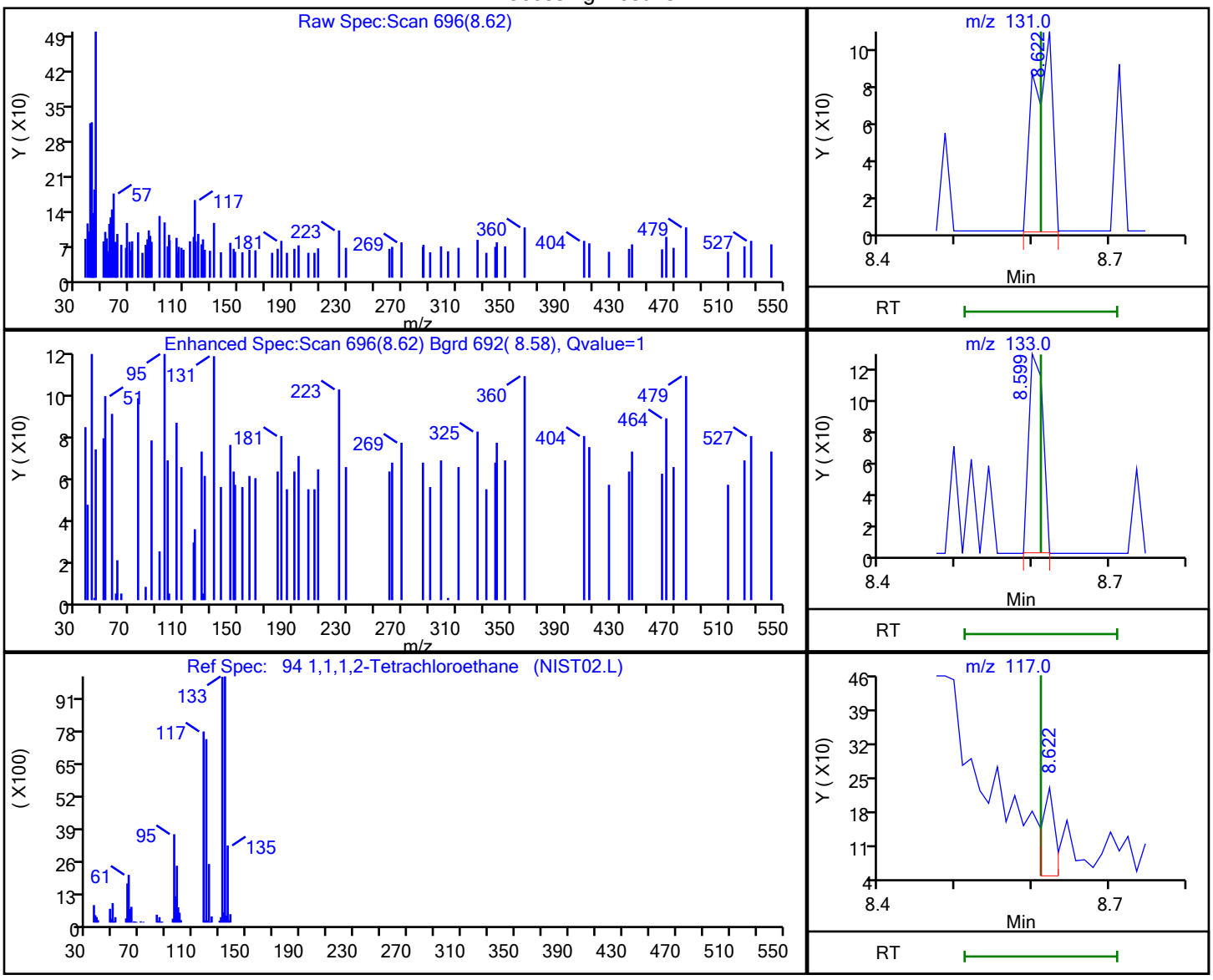
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

94 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
8.62	131.00	182	0.066854
8.60	133.00	159	
8.62	117.00	222	
8.63	119.00	299	

Reviewer: HVW2, 20-Apr-2025 05:57:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

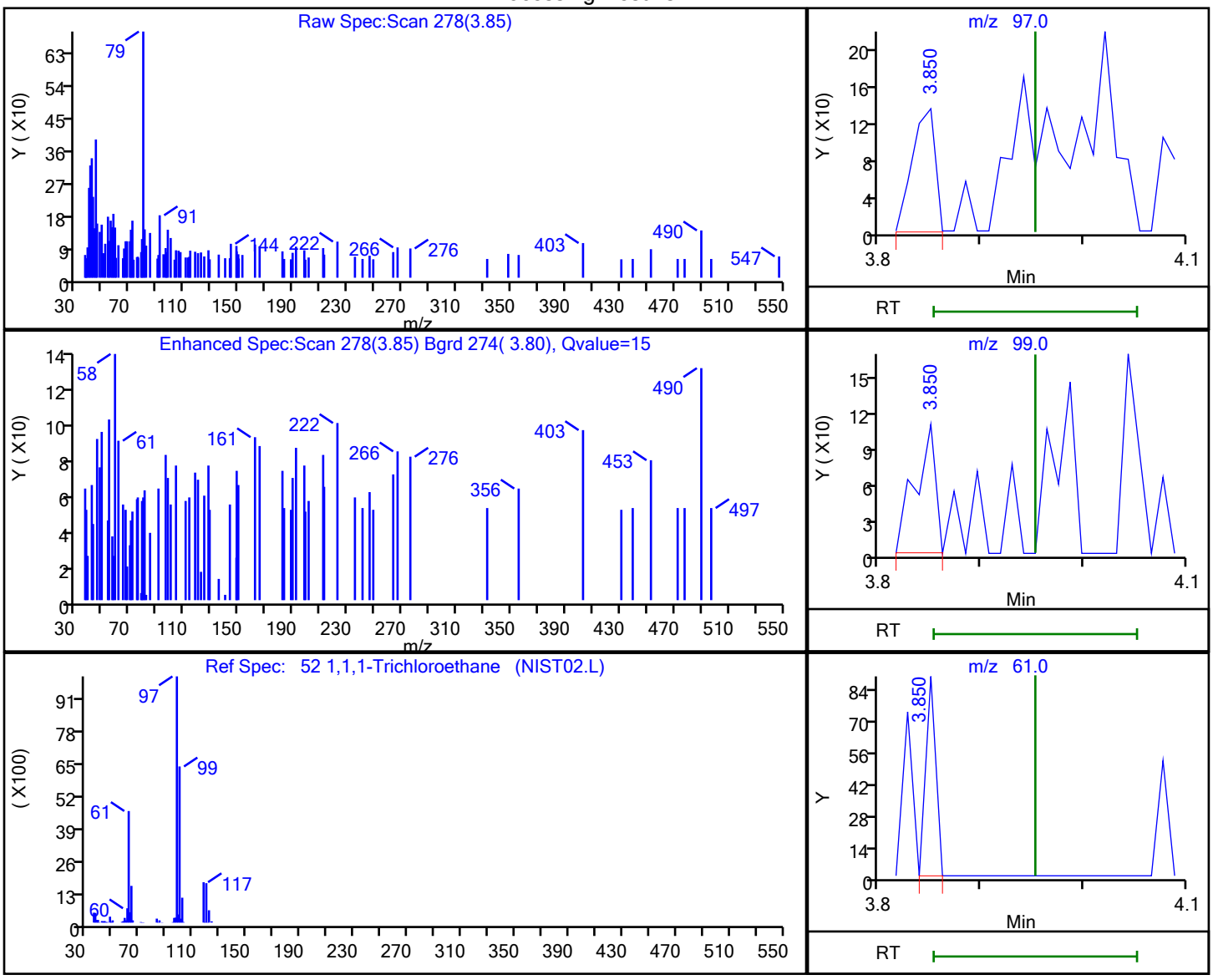
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.85	97.00	208	0.043437
3.85	99.00	153	
3.85	61.00	62	

Reviewer: HVW2, 20-Apr-2025 05:56:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

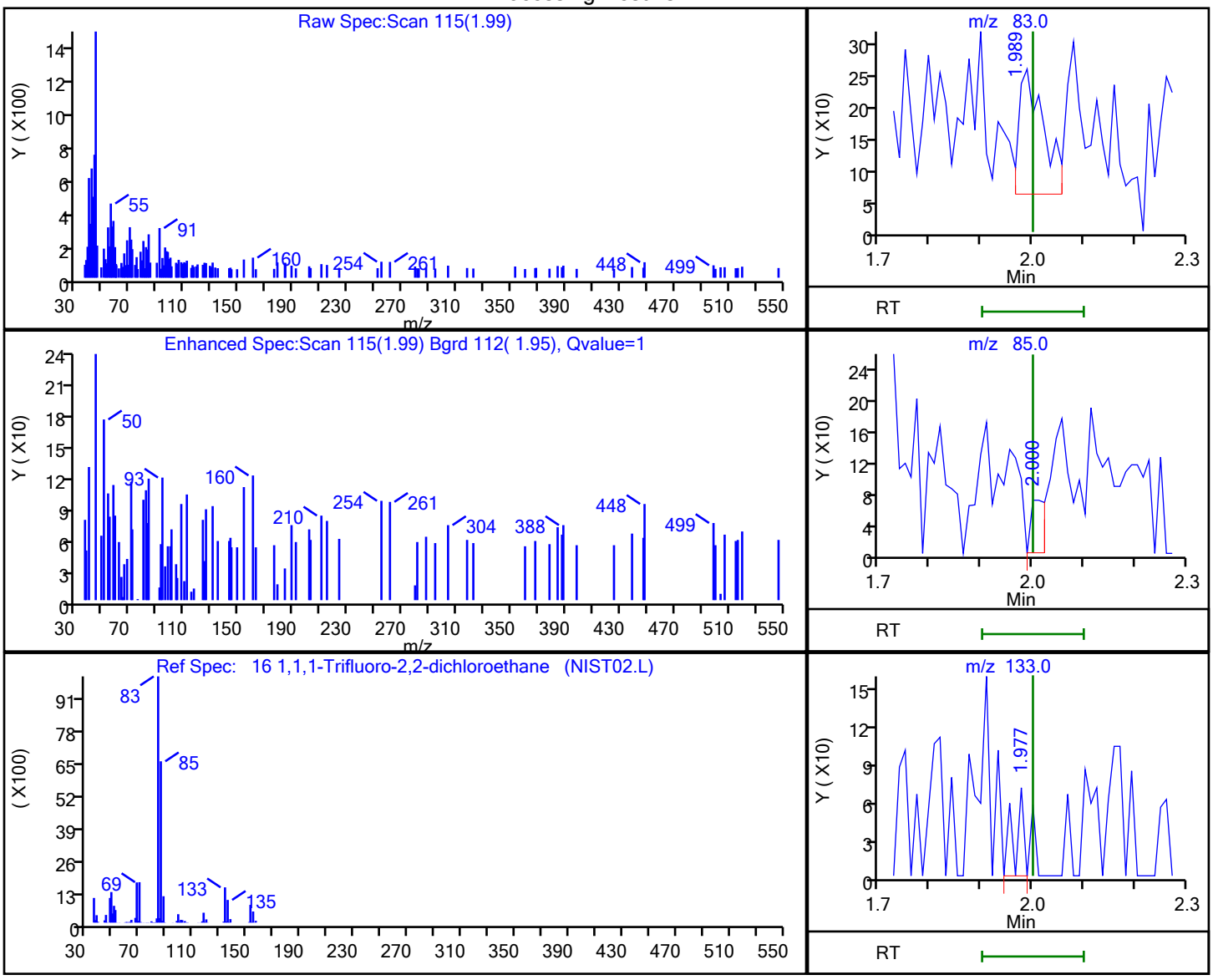
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.99	83.00	671	0.165548
2.00	85.00	140	
1.98	133.00	85	

Reviewer: HVW2, 20-Apr-2025 05:56:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

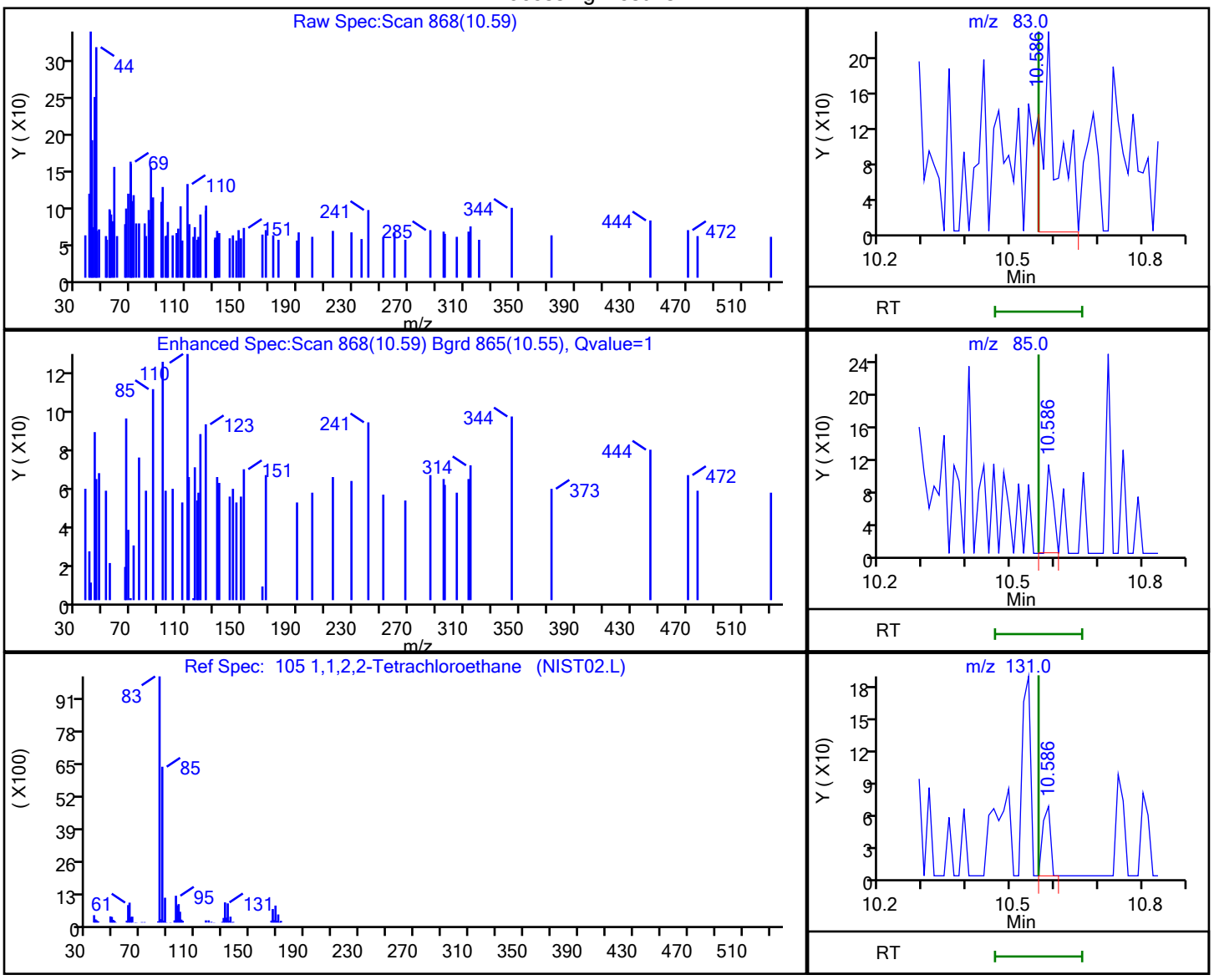
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

105 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.59	83.00	564	0.156512
10.59	85.00	116	
10.59	131.00	77	

Reviewer: HVW2, 20-Apr-2025 05:57:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

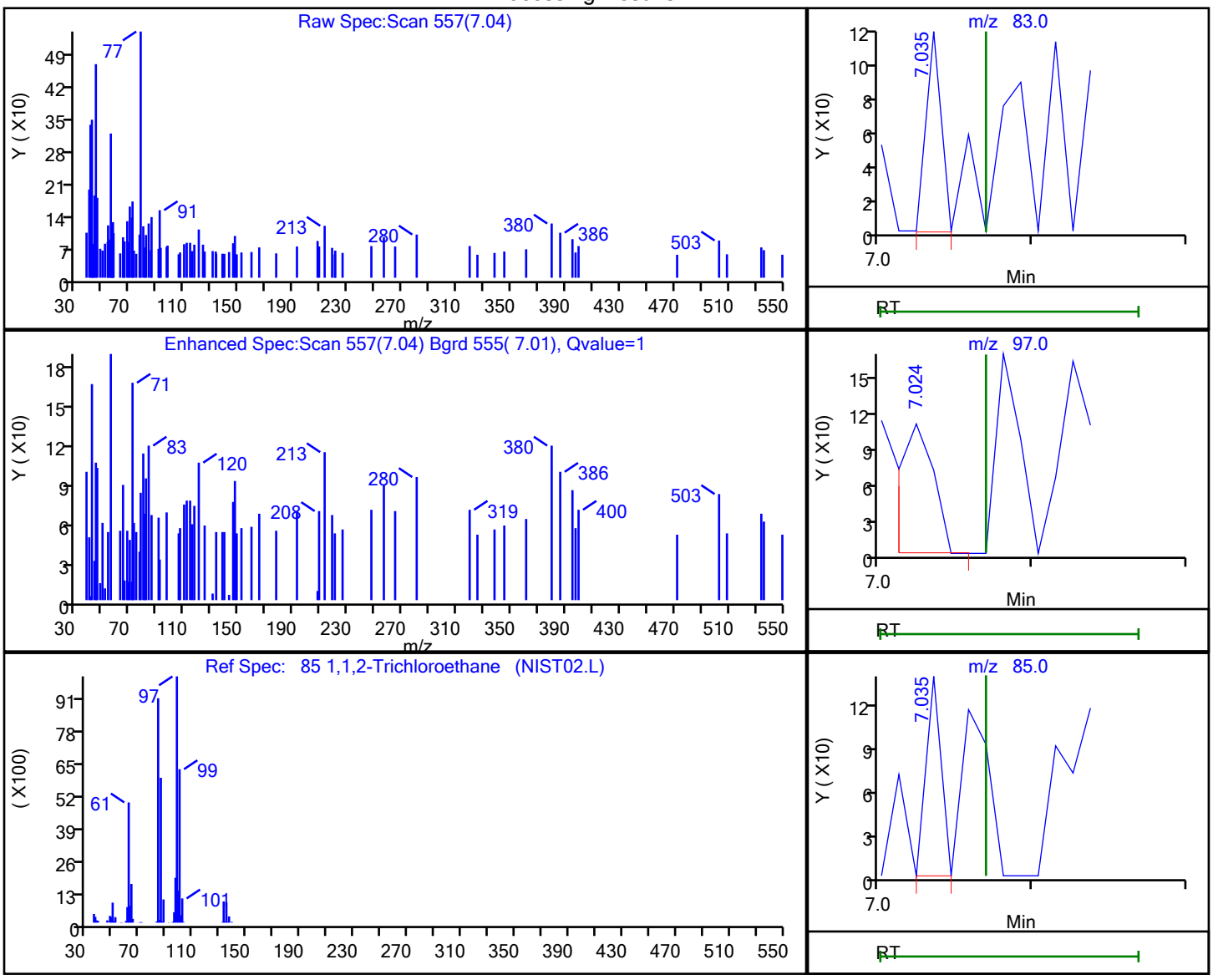
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.04	83.00	81	0.031746
7.02	97.00	171	
7.04	85.00	90	

Reviewer: HVW2, 20-Apr-2025 05:57:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

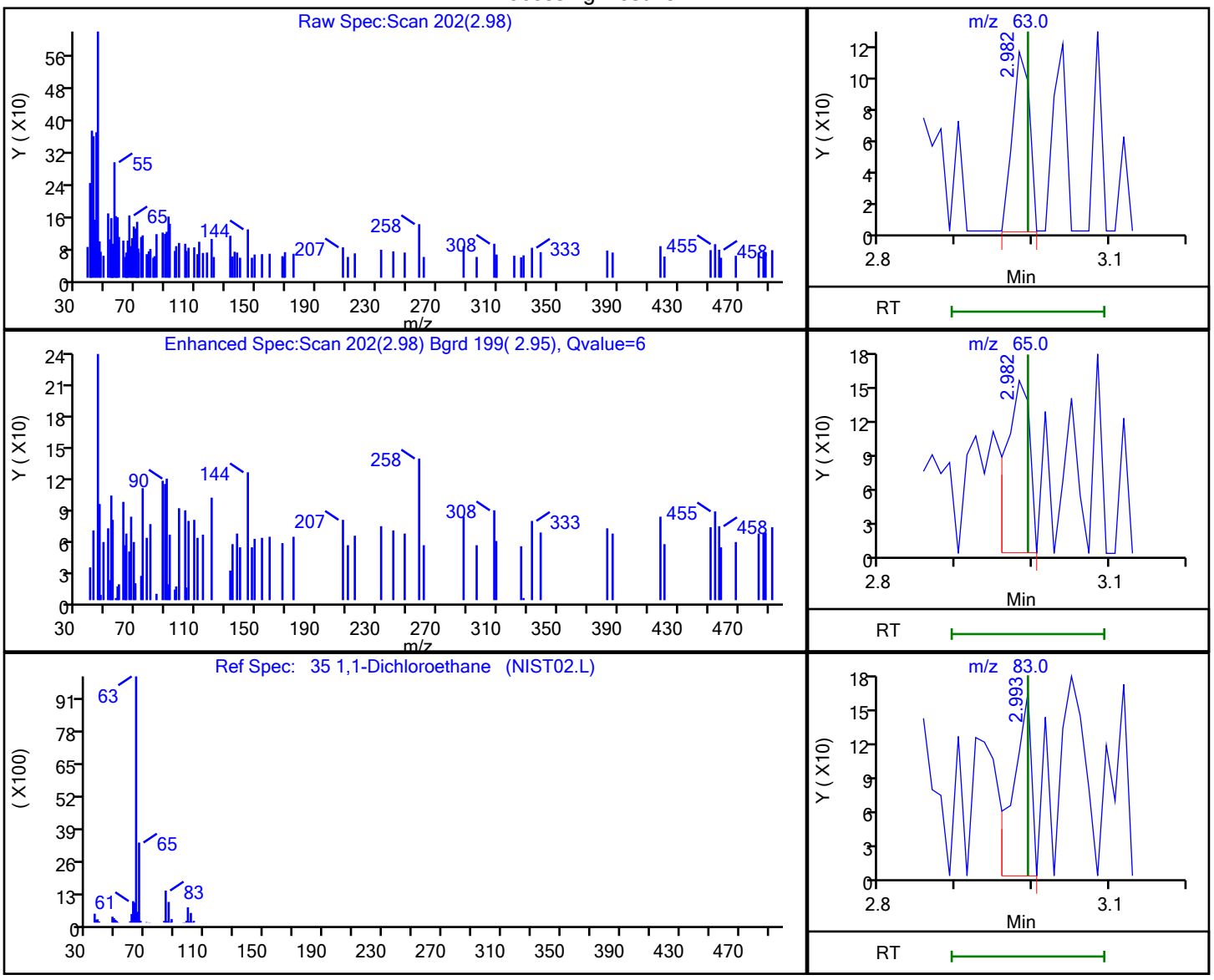
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.98	63.00	177	0.031245
2.98	65.00	334	
2.99	83.00	267	

Reviewer: HVW2, 20-Apr-2025 05:56:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

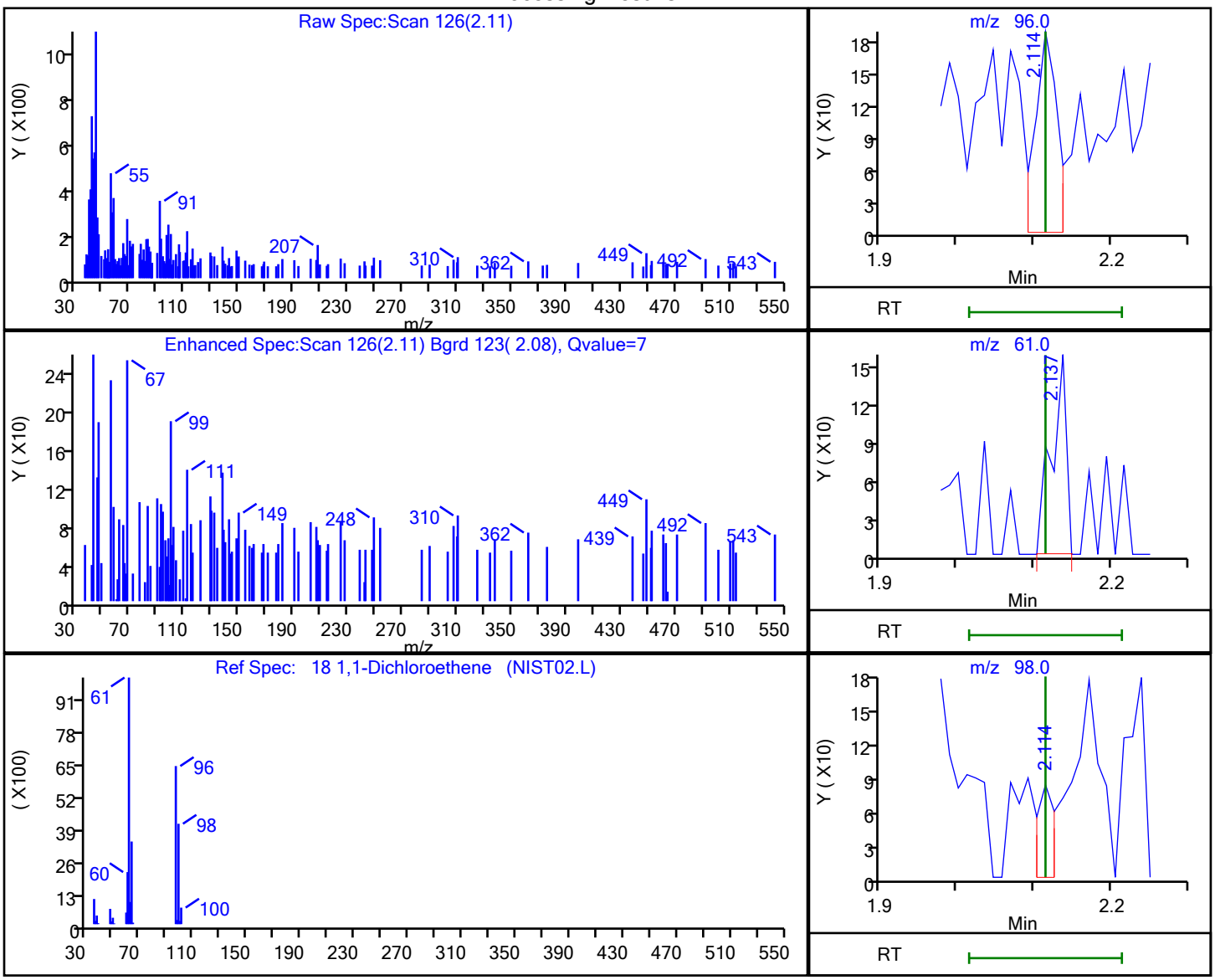
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.11	96.00	375	0.139733
2.14	61.00	213	
2.11	98.00	134	
2.13	63.00	273	

Reviewer: HVW2, 20-Apr-2025 05:56:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

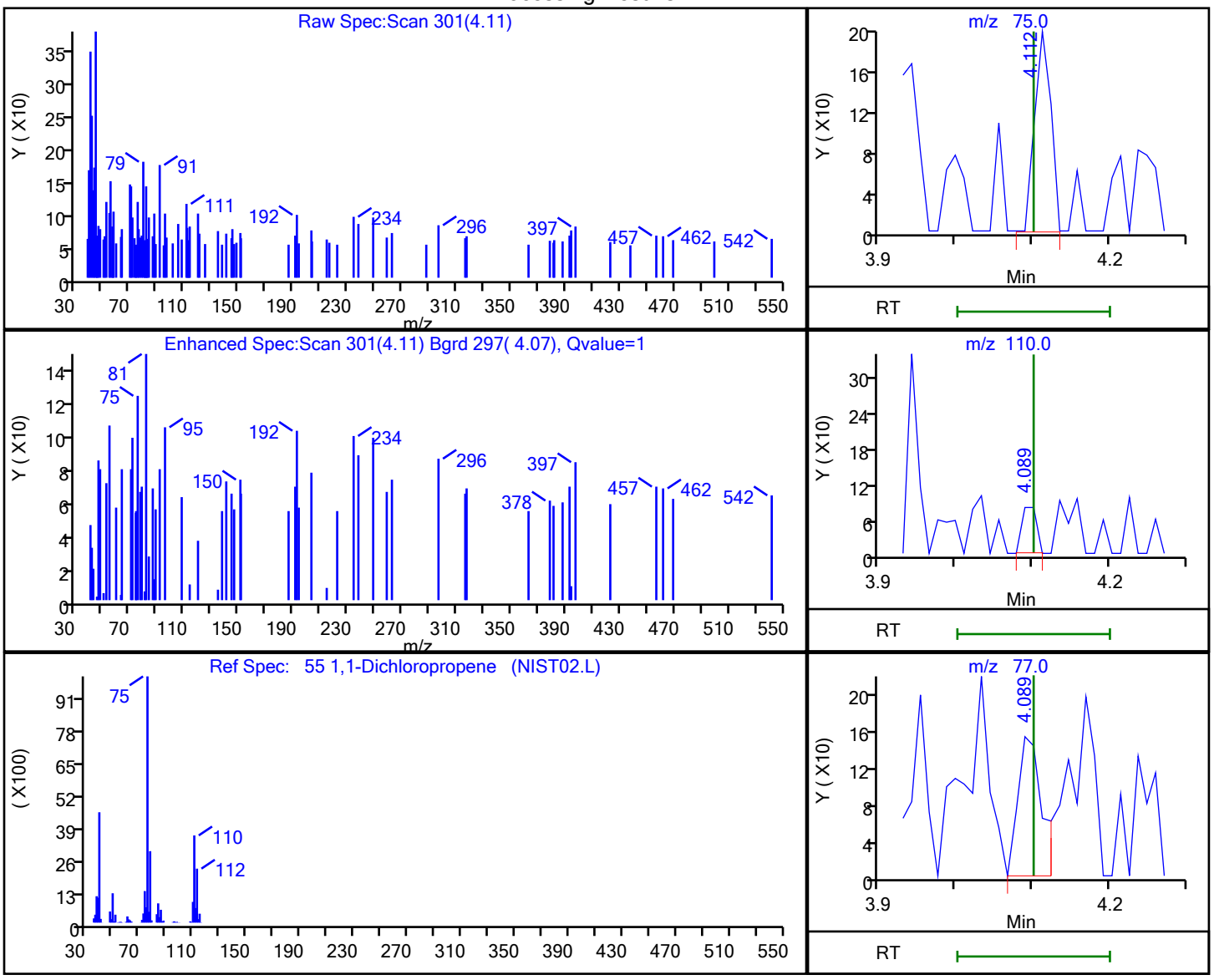
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.11	75.00	283	0.059723
4.09	110.00	107	
4.09	77.00	329	

Reviewer: HVW2, 20-Apr-2025 05:56:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

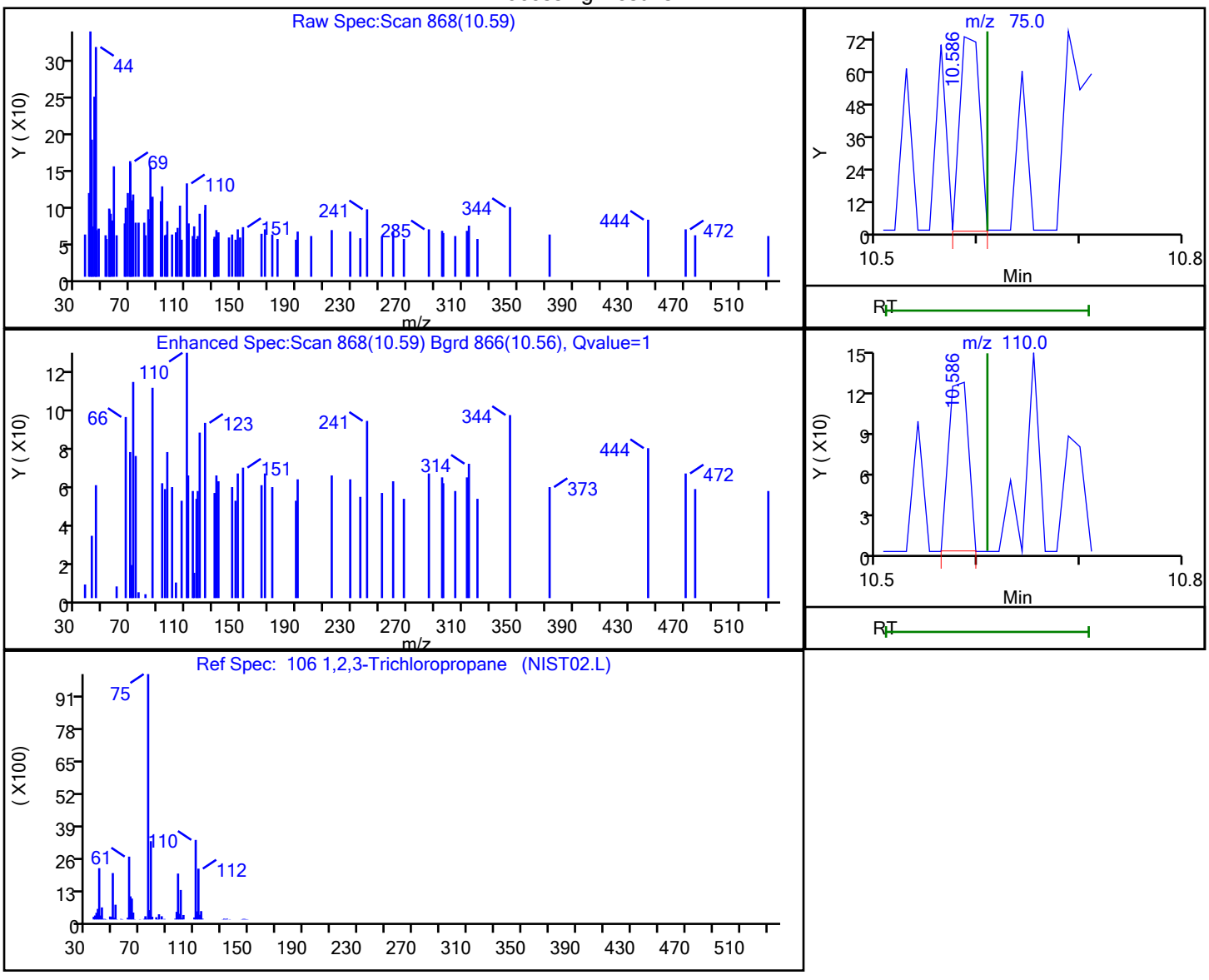
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

106 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.59	75.00	99	0.032601
10.59	110.00	171	

Reviewer: HVW2, 20-Apr-2025 05:57:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

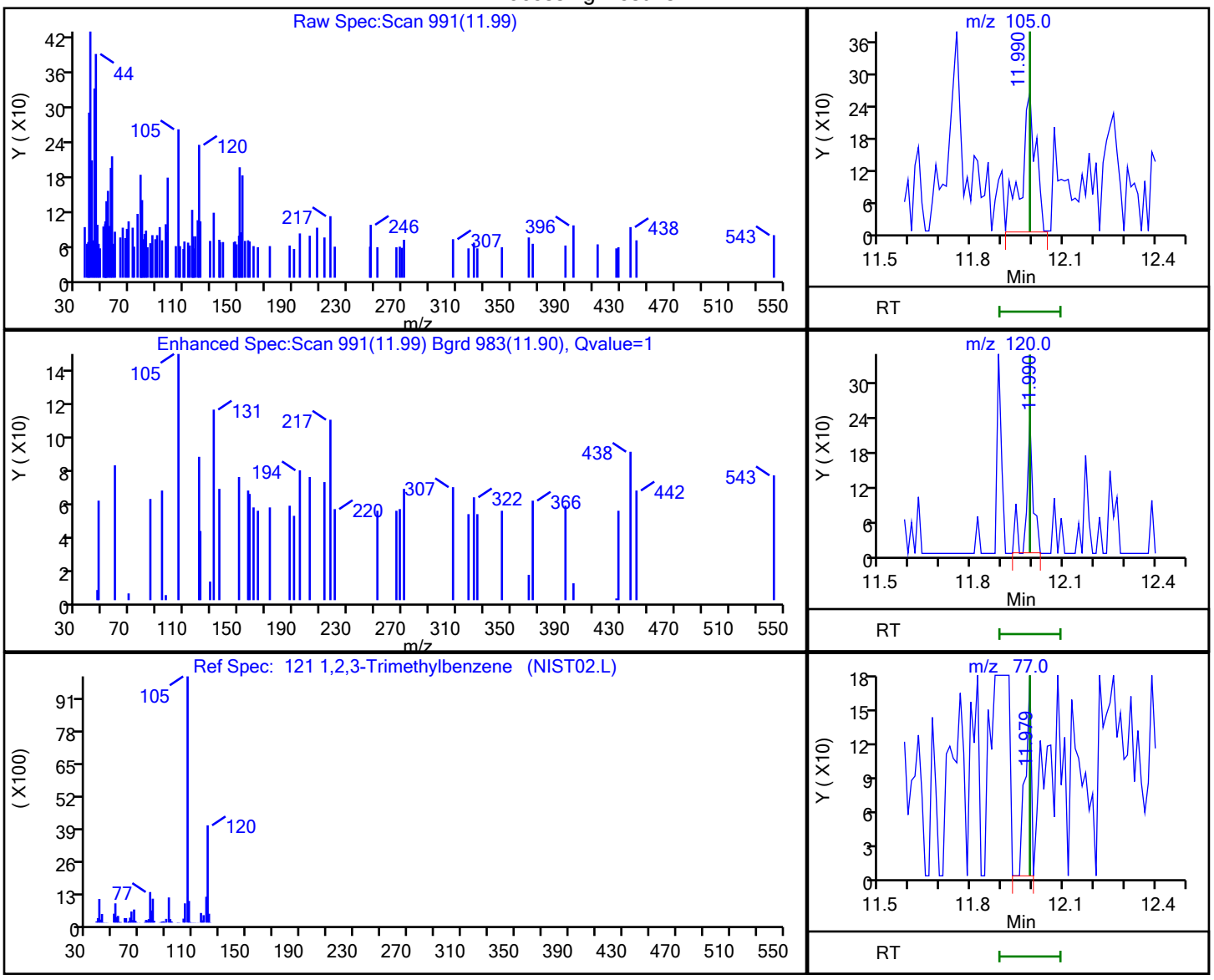
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.99	105.00	839	0.096550
11.99	120.00	358	
11.98	77.00	279	

Reviewer: HVW2, 20-Apr-2025 05:58:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

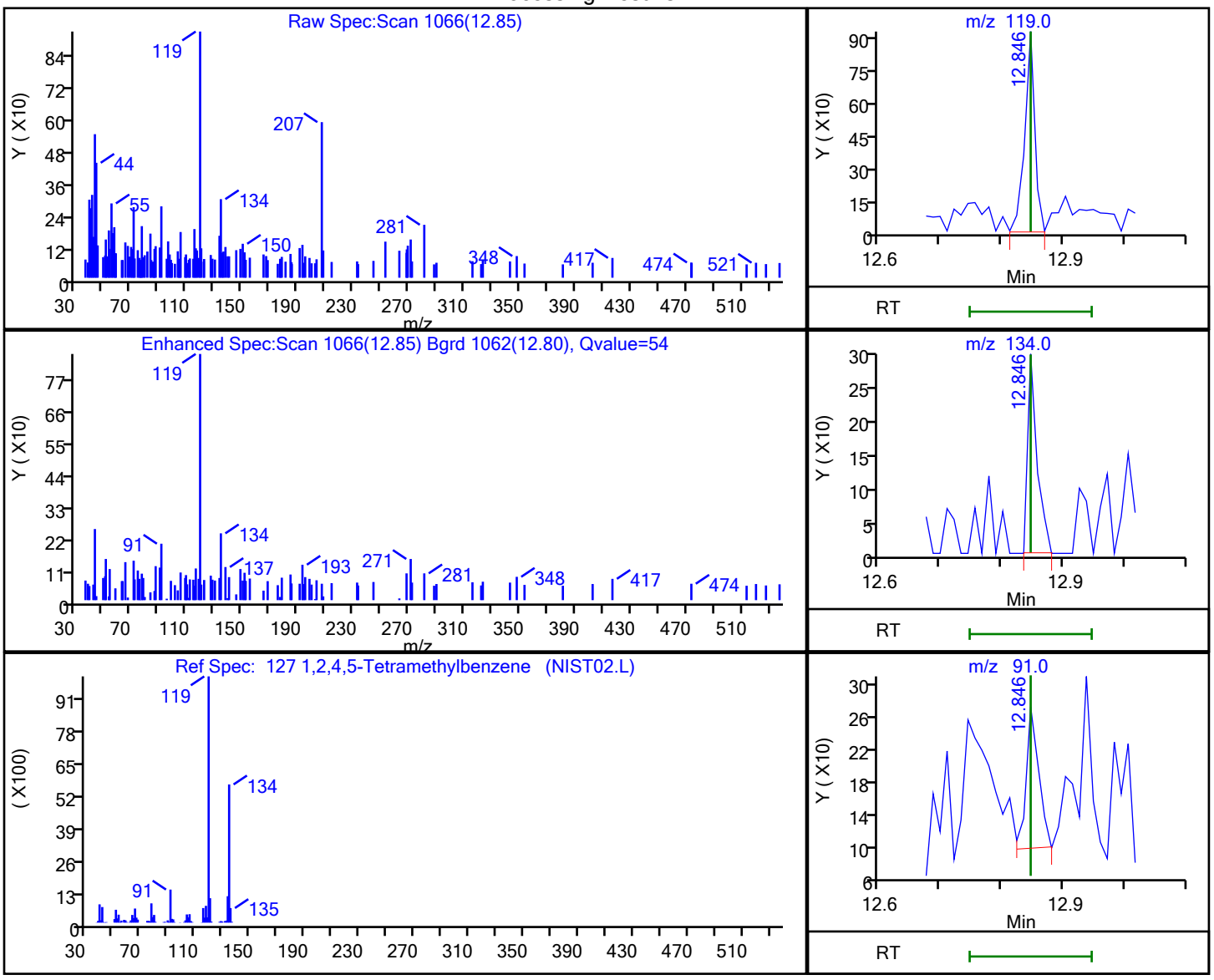
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.85	119.00	1051	0.134656
12.85	134.00	319	
12.85	91.00	248	

Reviewer: HVW2, 20-Apr-2025 05:58:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

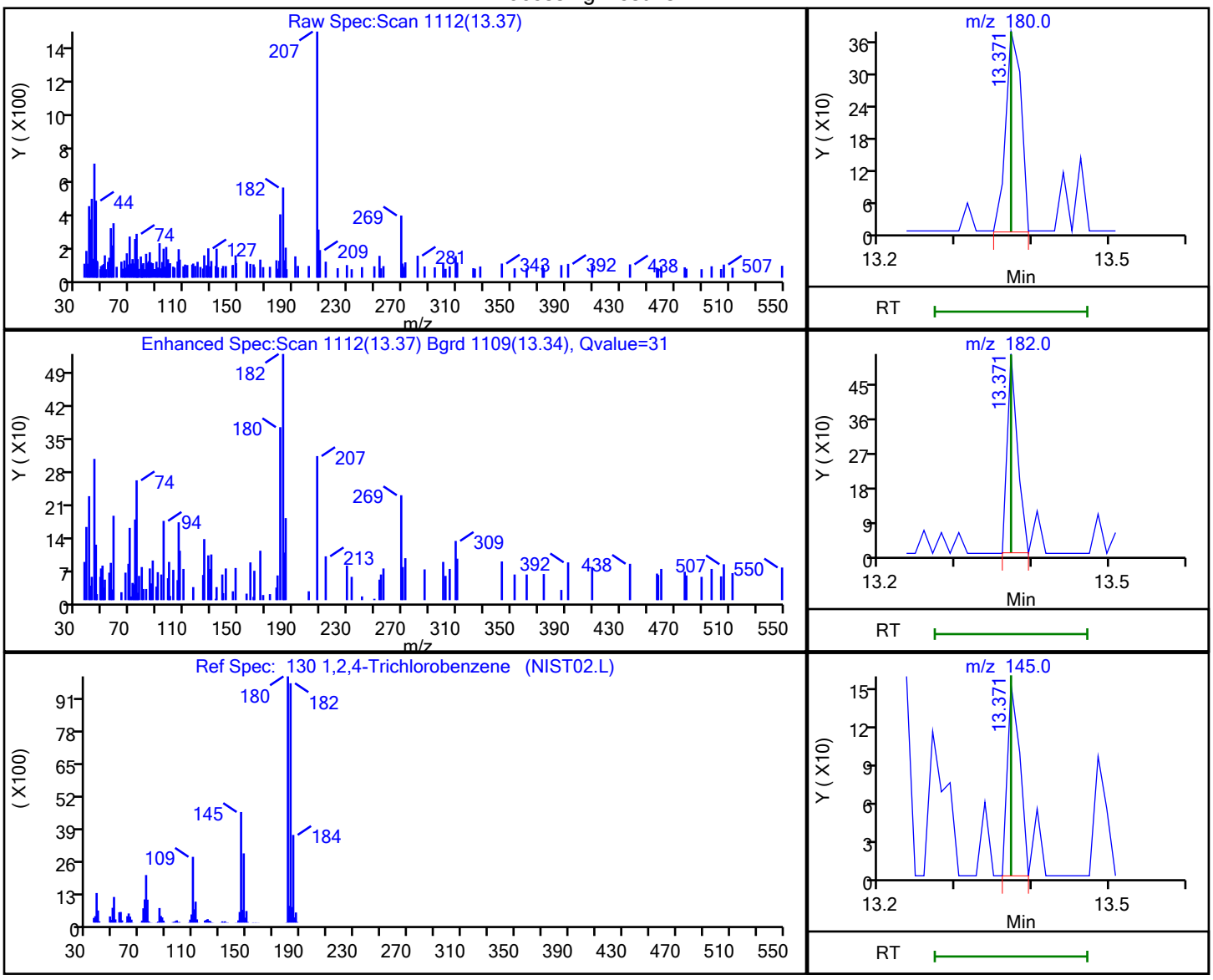
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.37	180.00	517	0.177894
13.37	182.00	494	
13.37	145.00	164	

Reviewer: HVW2, 20-Apr-2025 05:58:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

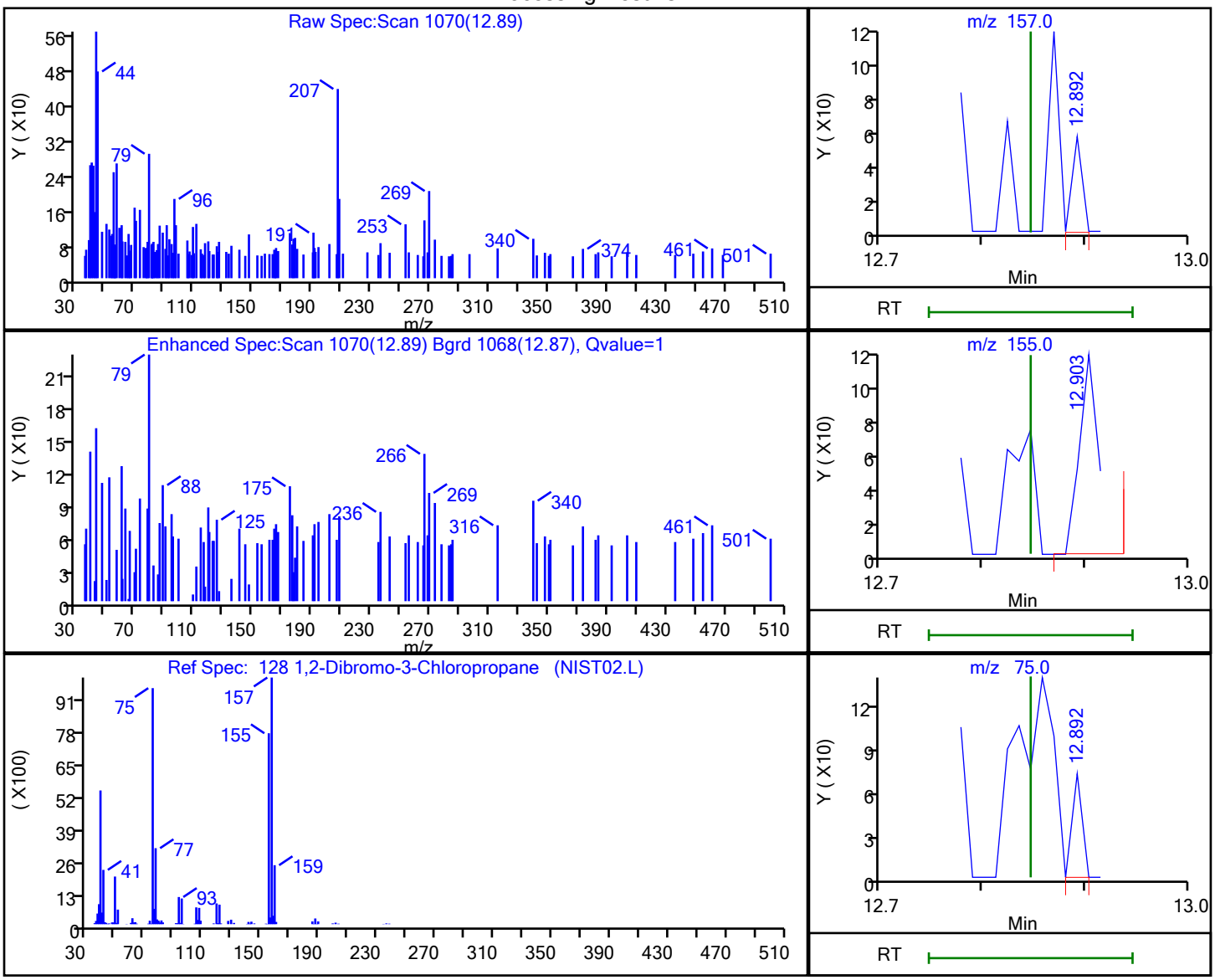
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
12.89	157.00	38	0.052601
12.90	155.00	151	
12.89	75.00	49	

Reviewer: HVW2, 20-Apr-2025 05:58:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

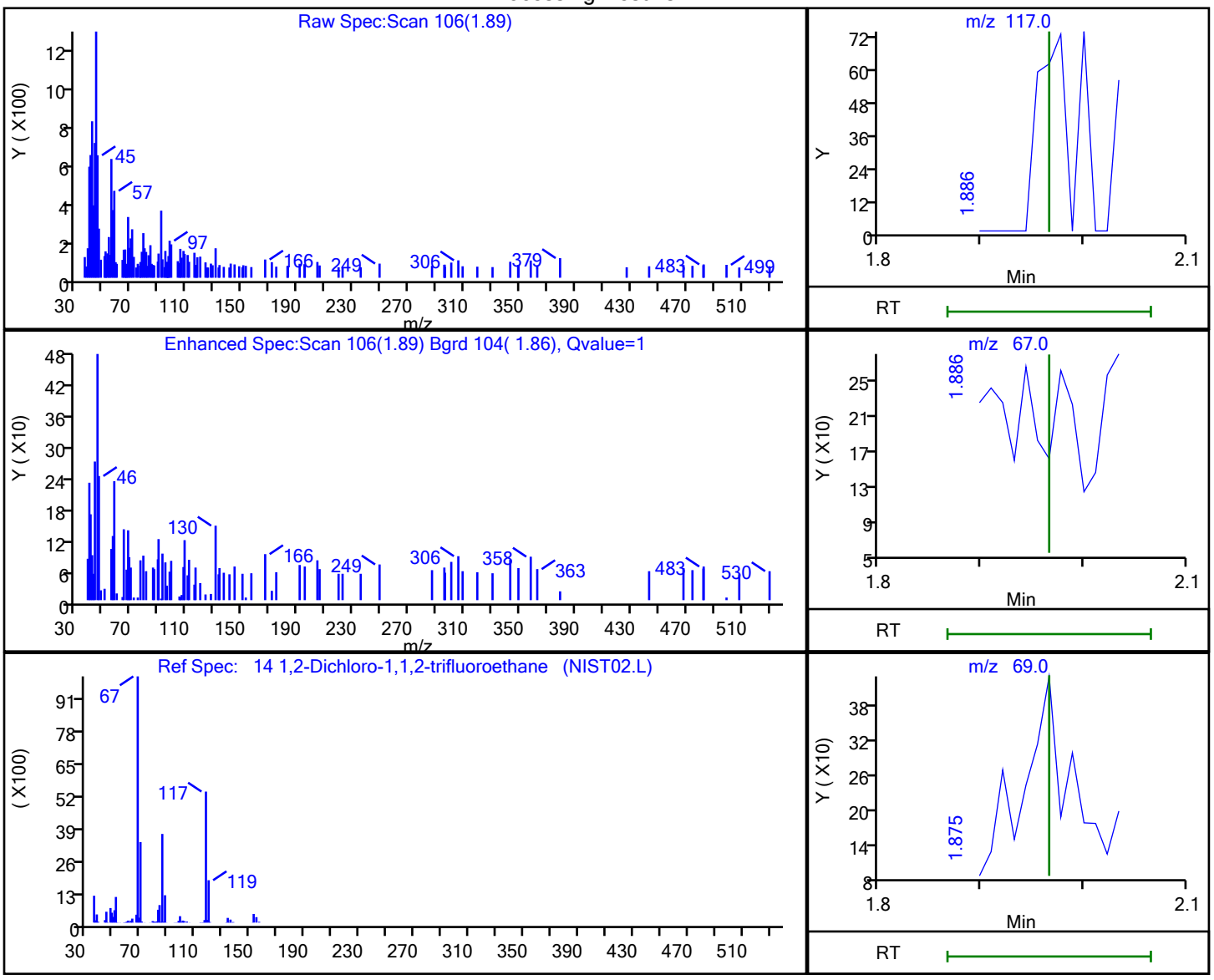
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.89	117.00	69	0.025710
1.89	67.00	1306	
1.87	69.00	201	
1.89	119.00	105	

Reviewer: HVW2, 20-Apr-2025 05:56:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

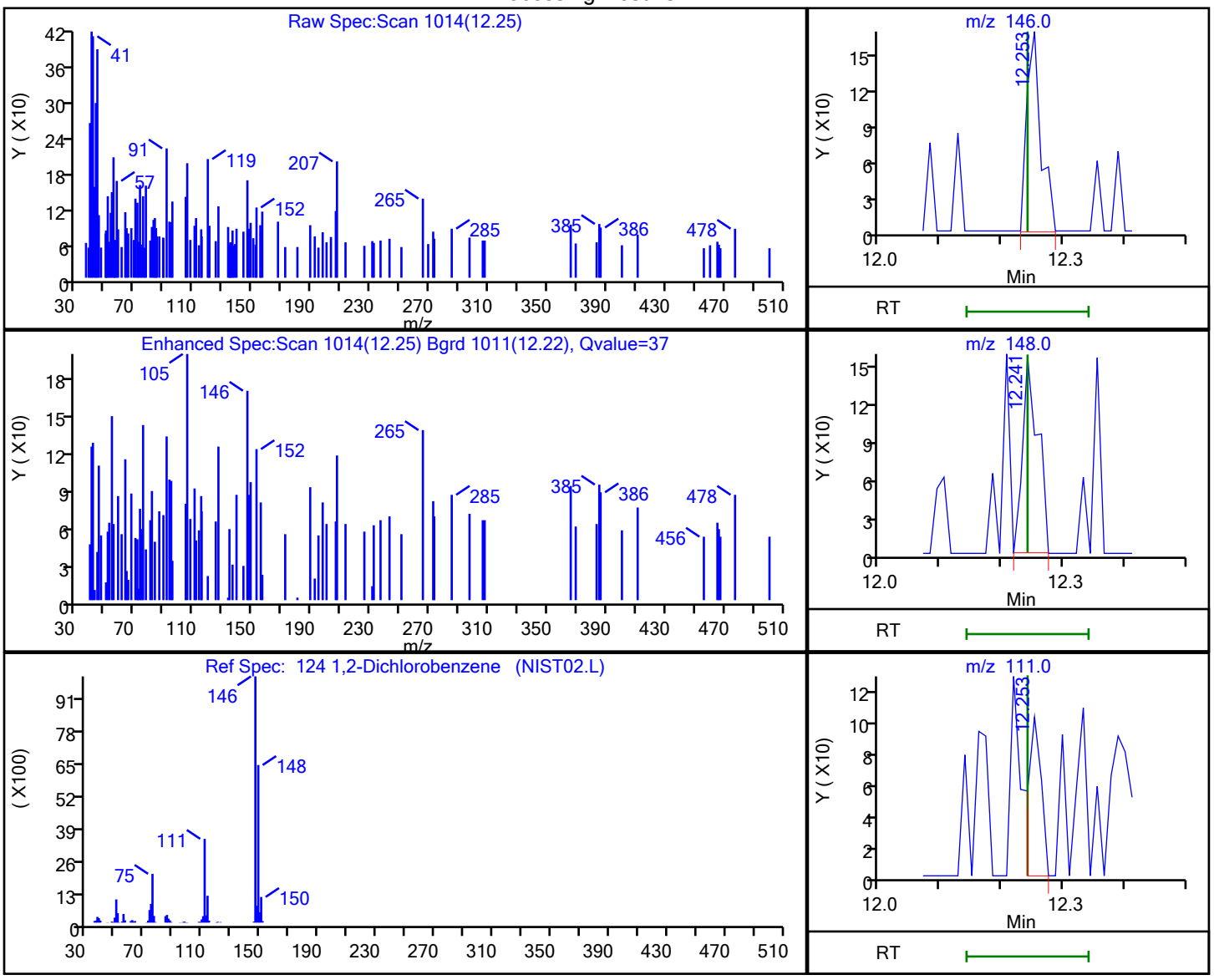
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
12.25	146.00	266	0.047788
12.24	148.00	271	
12.25	111.00	148	

Reviewer: HVW2, 20-Apr-2025 05:58:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

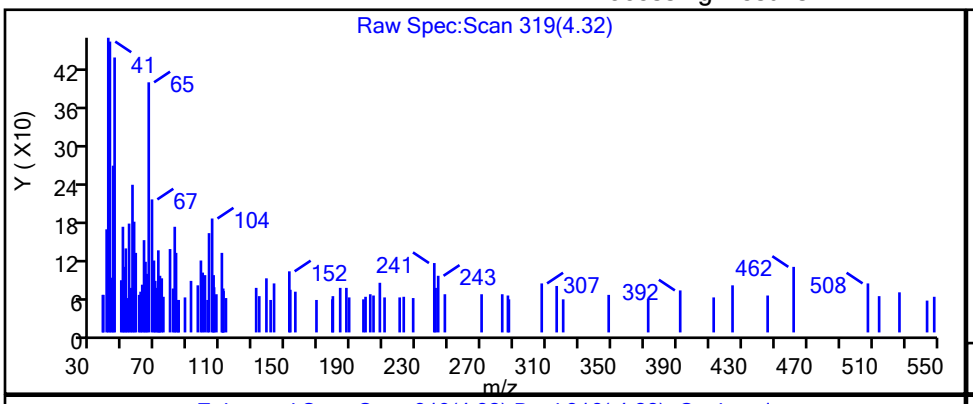
User Disabled Compound Report

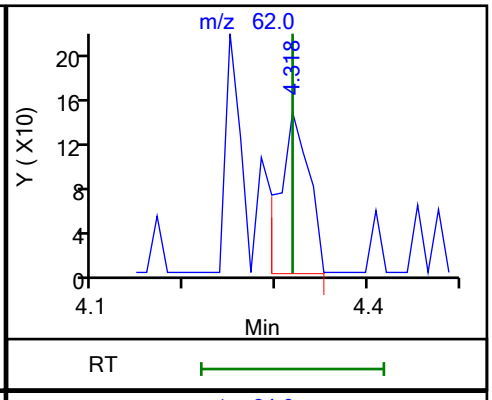
Eurofins Edison

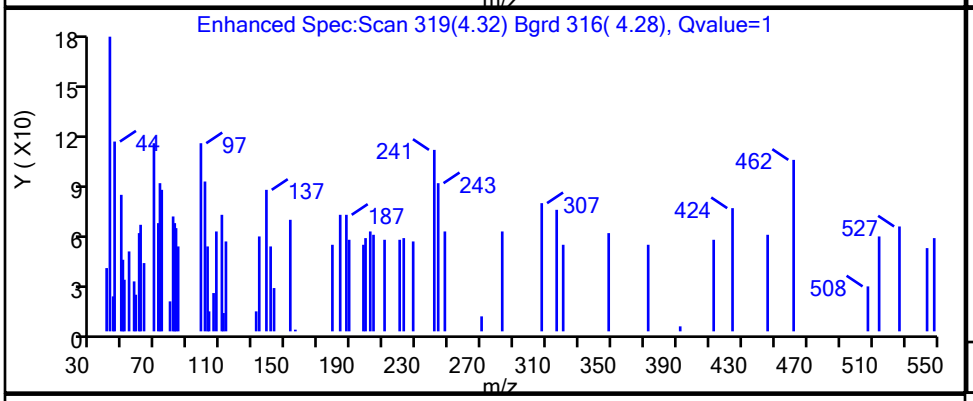
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

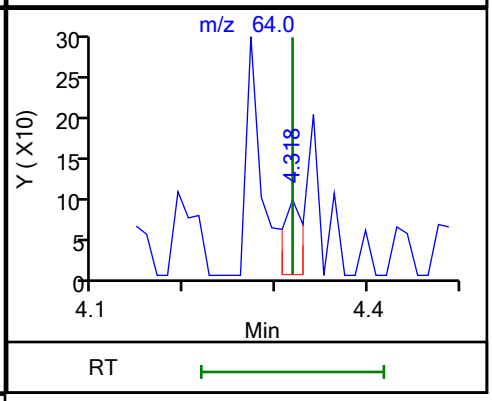
59 1,2-Dichloroethane, CAS: 107-06-2

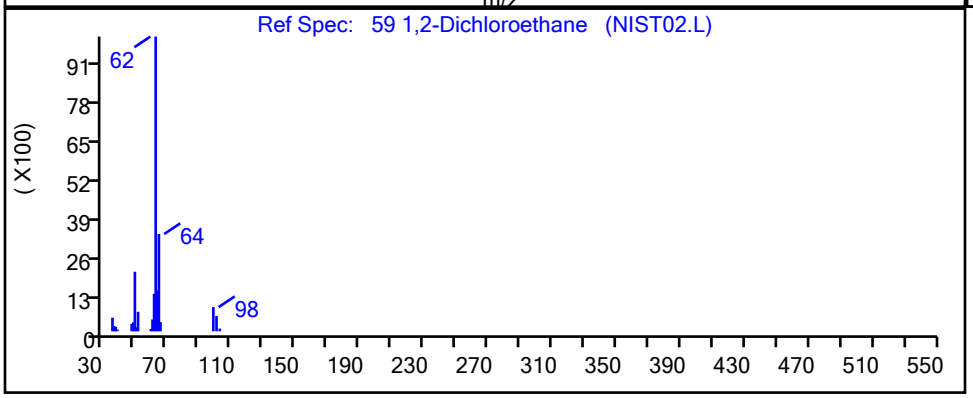
Processing Results











RT	Mass	Response	Amount
4.32	62.00	325	0.061615
4.32	64.00	144	

Reviewer: HVW2, 20-Apr-2025 05:57:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

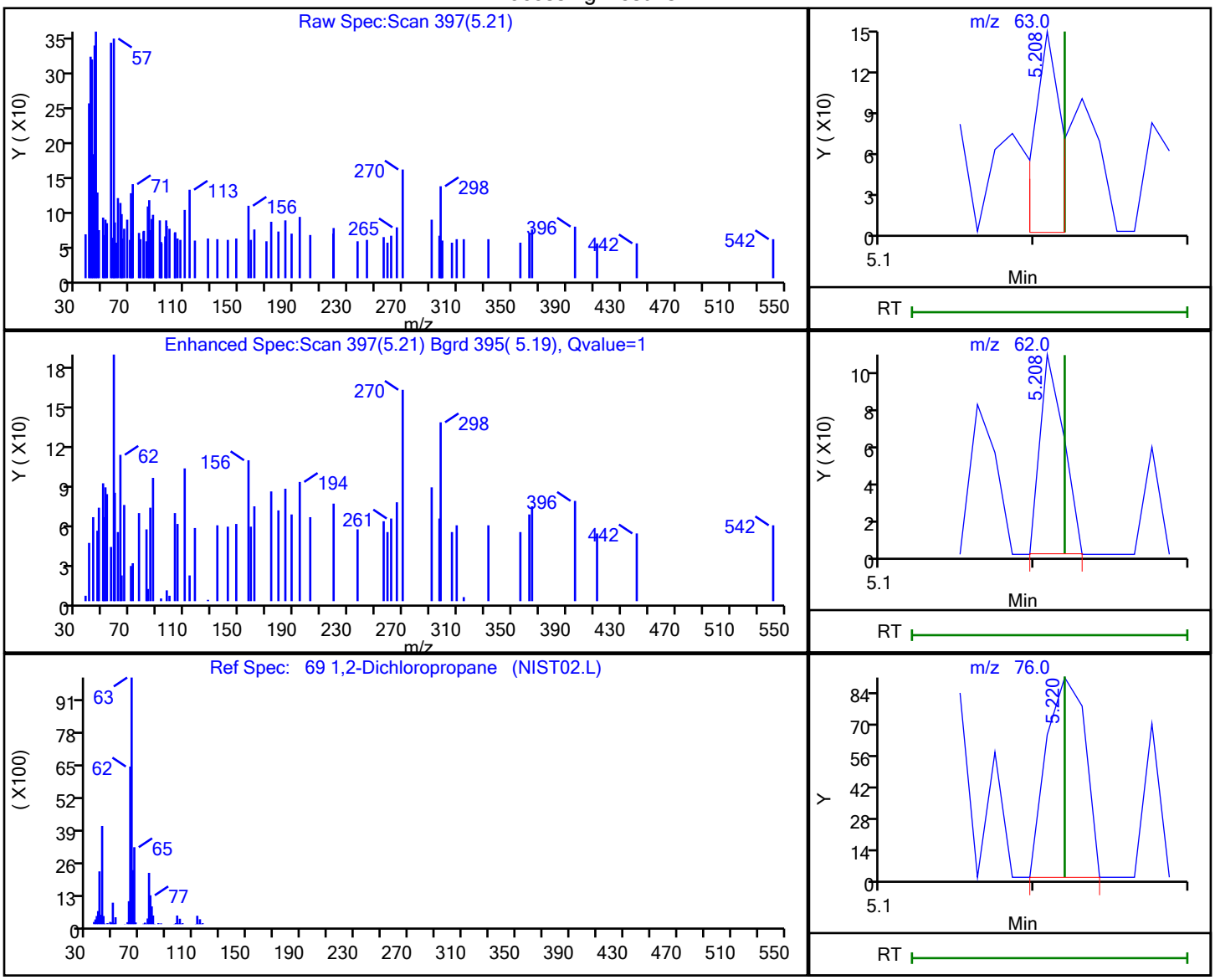
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d				
Injection Date:	19-Apr-2025 04:57:30	Instrument ID:	CVOAMS12		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

69 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.21	63.00	186	0.048059
5.21	62.00	116	
5.22	76.00	160	
5.22	112.00	77	

Reviewer: HVW2, 20-Apr-2025 05:57:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

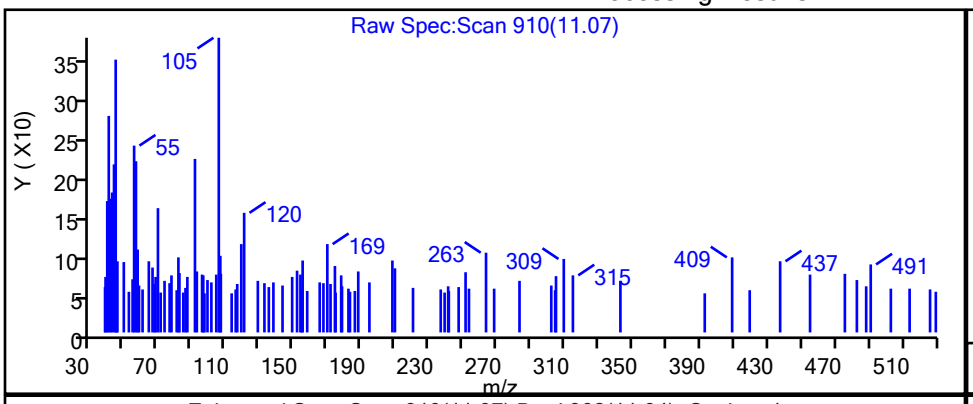
User Disabled Compound Report

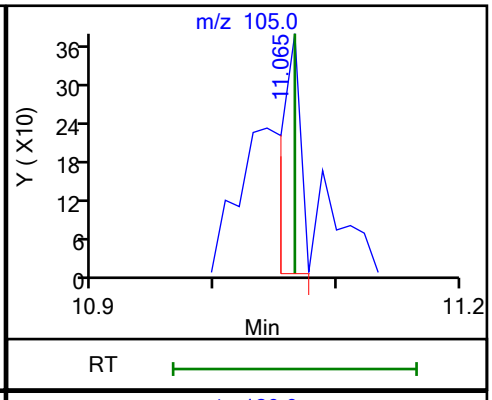
Eurofins Edison

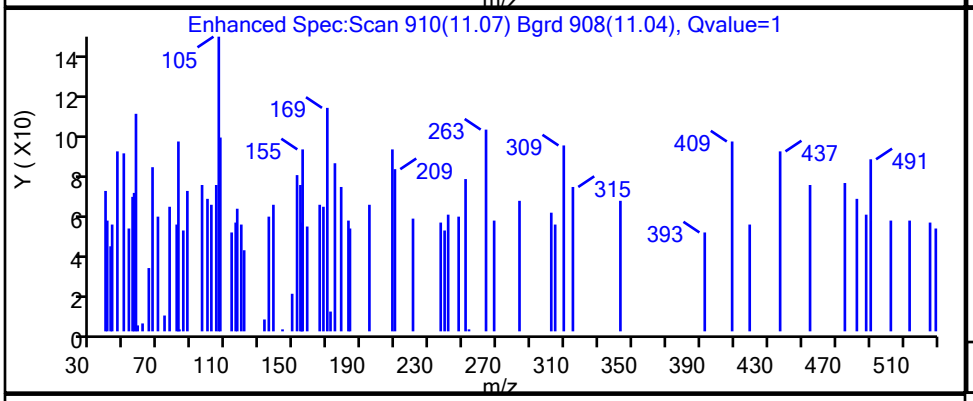
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

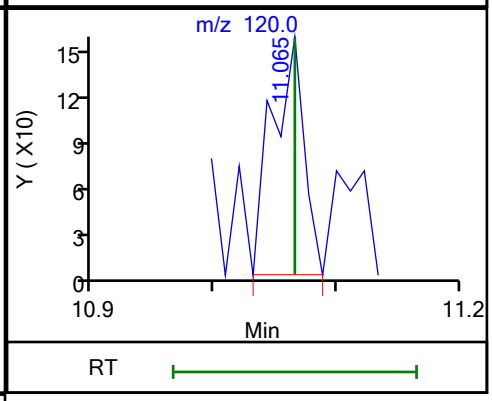
112 1,3,5-Trimethylbenzene, CAS: 108-67-8

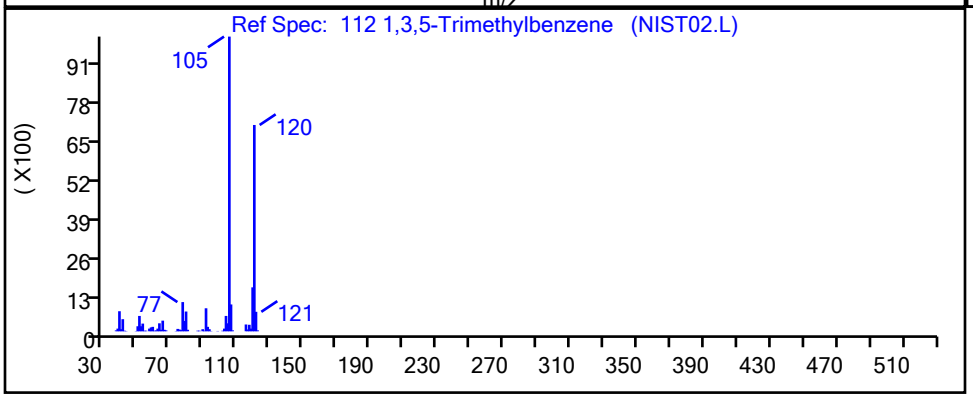
Processing Results











RT	Mass	Response	Amount
11.07	105.00	406	0.045527
11.07	120.00	278	

Reviewer: HVW2, 20-Apr-2025 05:57:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

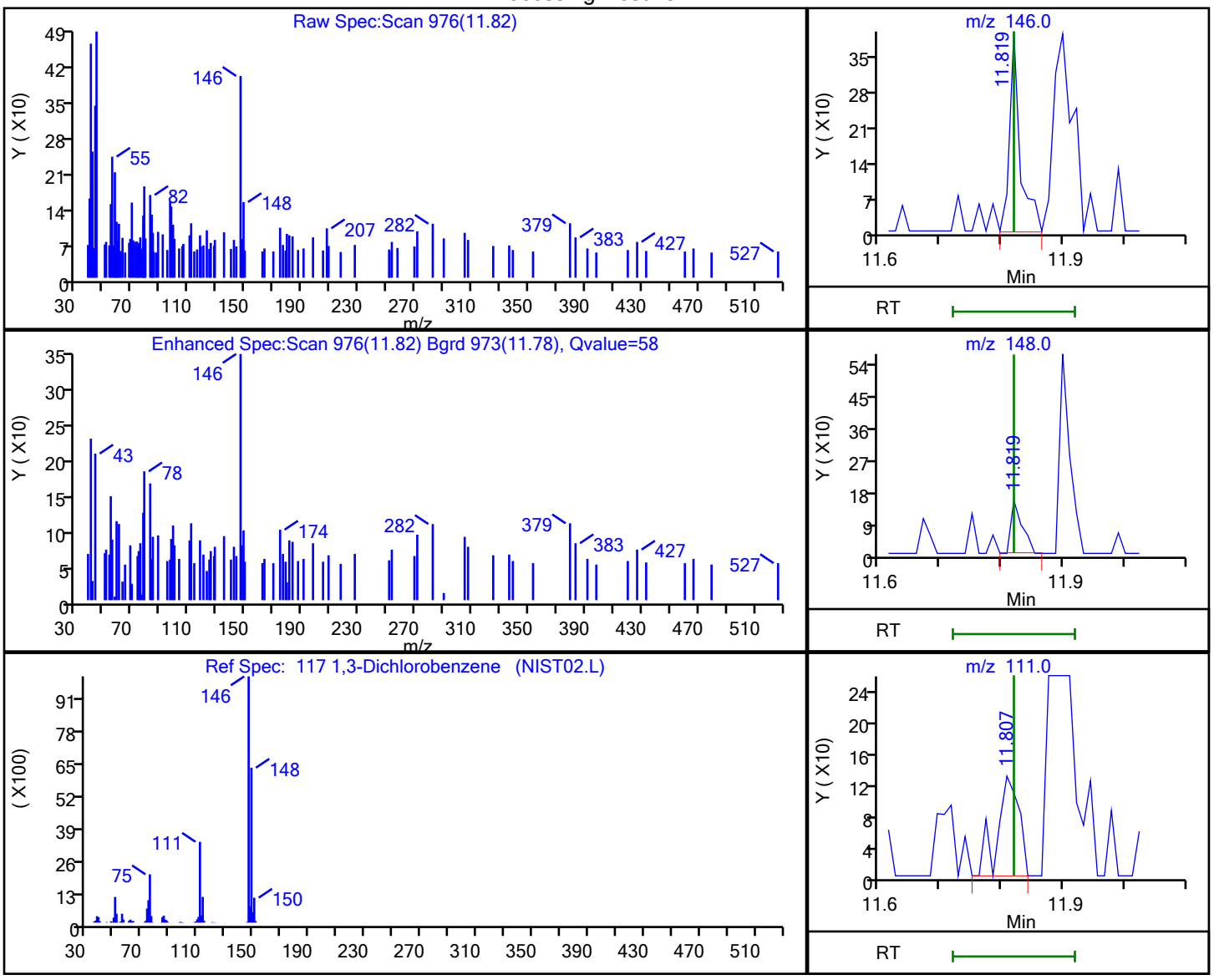
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.82	146.00	477	0.082902
11.82	148.00	193	
11.81	111.00	319	

Reviewer: HVW2, 20-Apr-2025 05:57:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

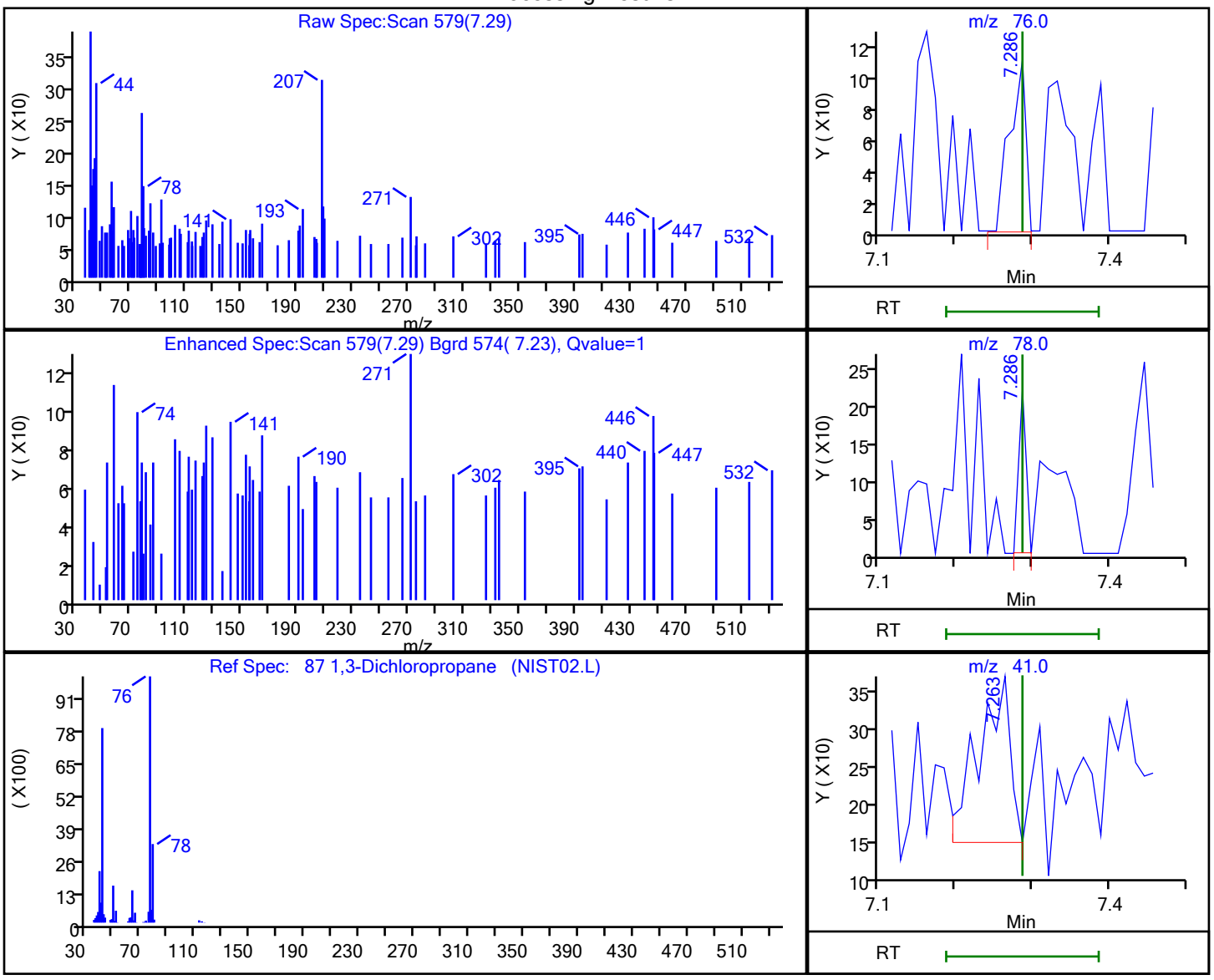
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.29	76.00	152	0.030426
7.29	78.00	152	
7.26	41.00	643	

Reviewer: HVW2, 20-Apr-2025 05:57:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

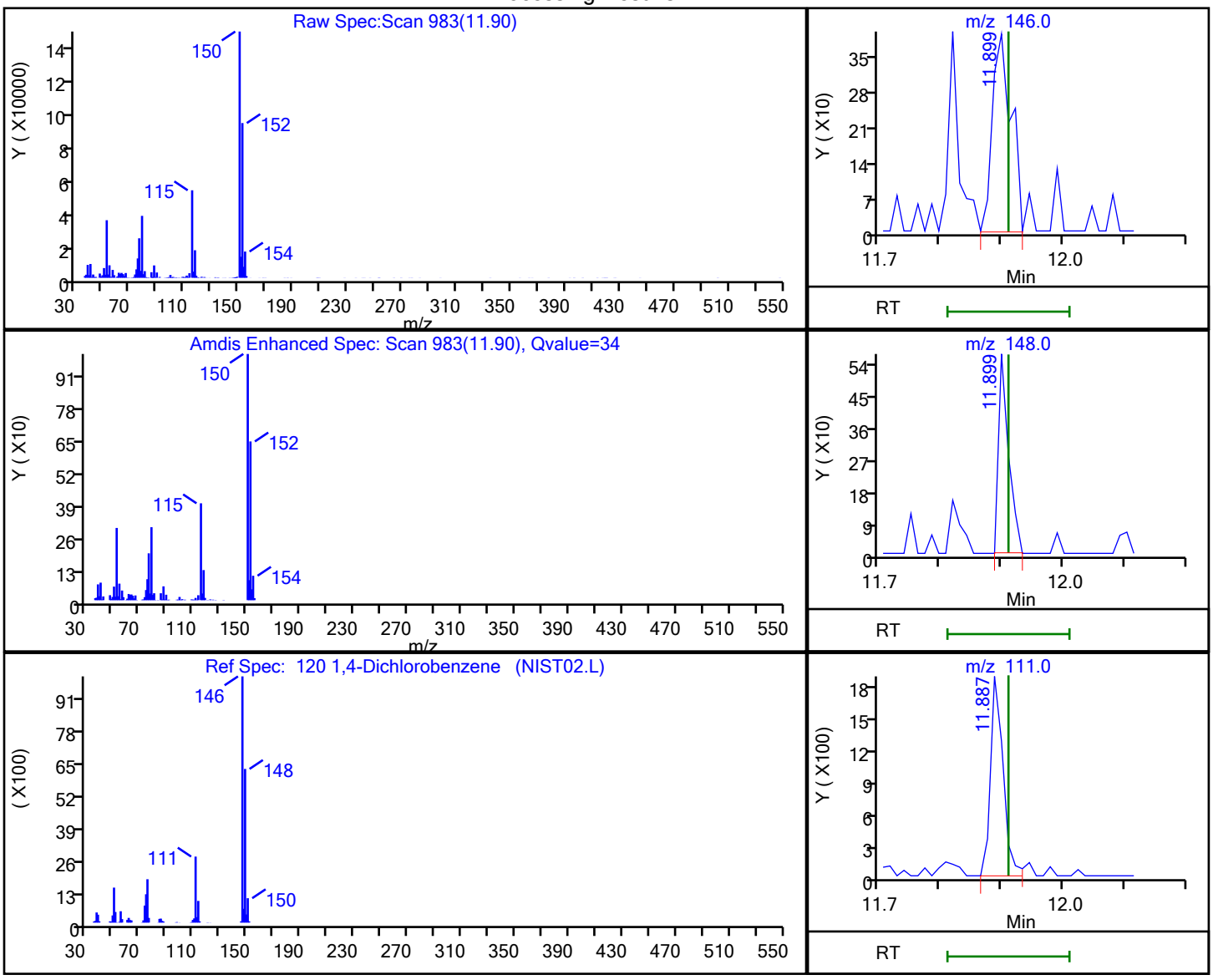
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.90	146.00	848	0.145105
11.90	148.00	652	
11.89	111.00	2694	

Reviewer: HVW2, 20-Apr-2025 05:58:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

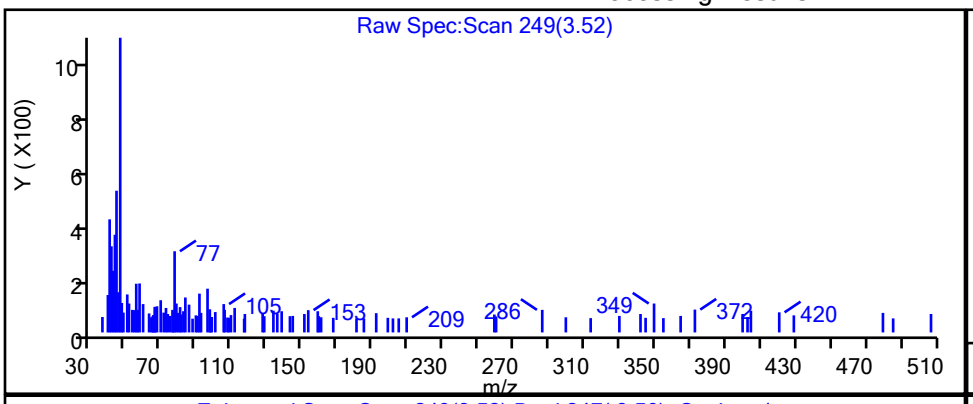
User Disabled Compound Report

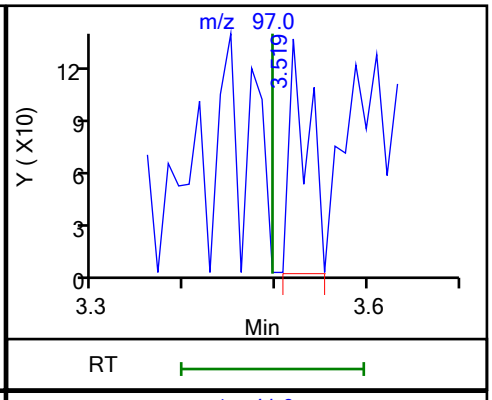
Eurofins Edison

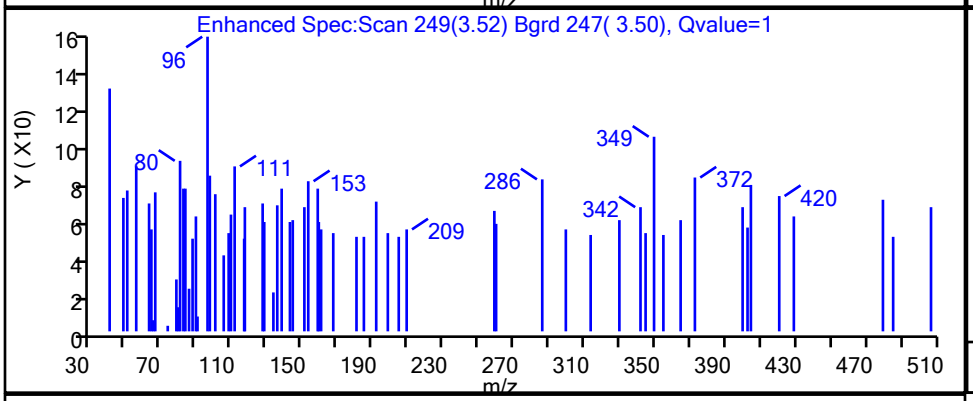
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

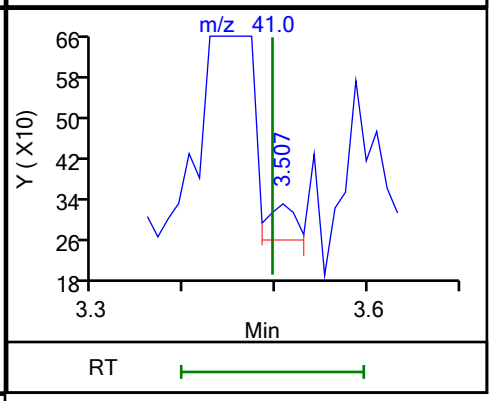
42 2,2-Dichloropropane, CAS: 594-20-7

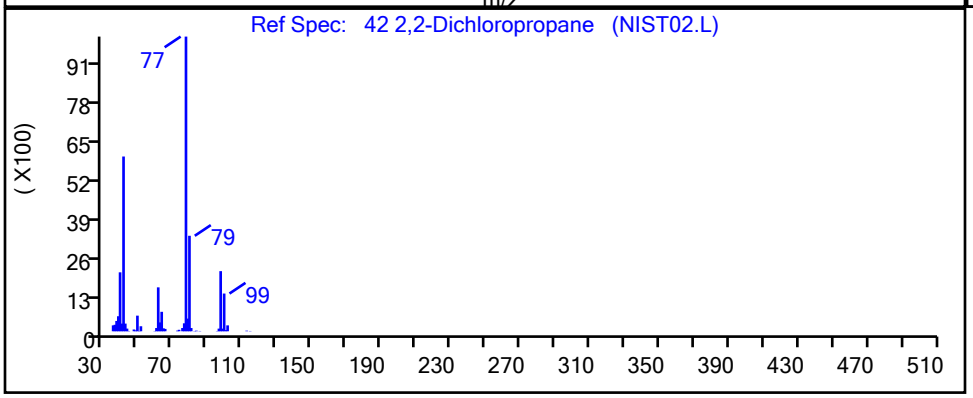
Processing Results











RT	Mass	Response	Amount
3.52	97.00	201	0.172712
3.51	41.00	150	

Reviewer: HVW2, 20-Apr-2025 05:56:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

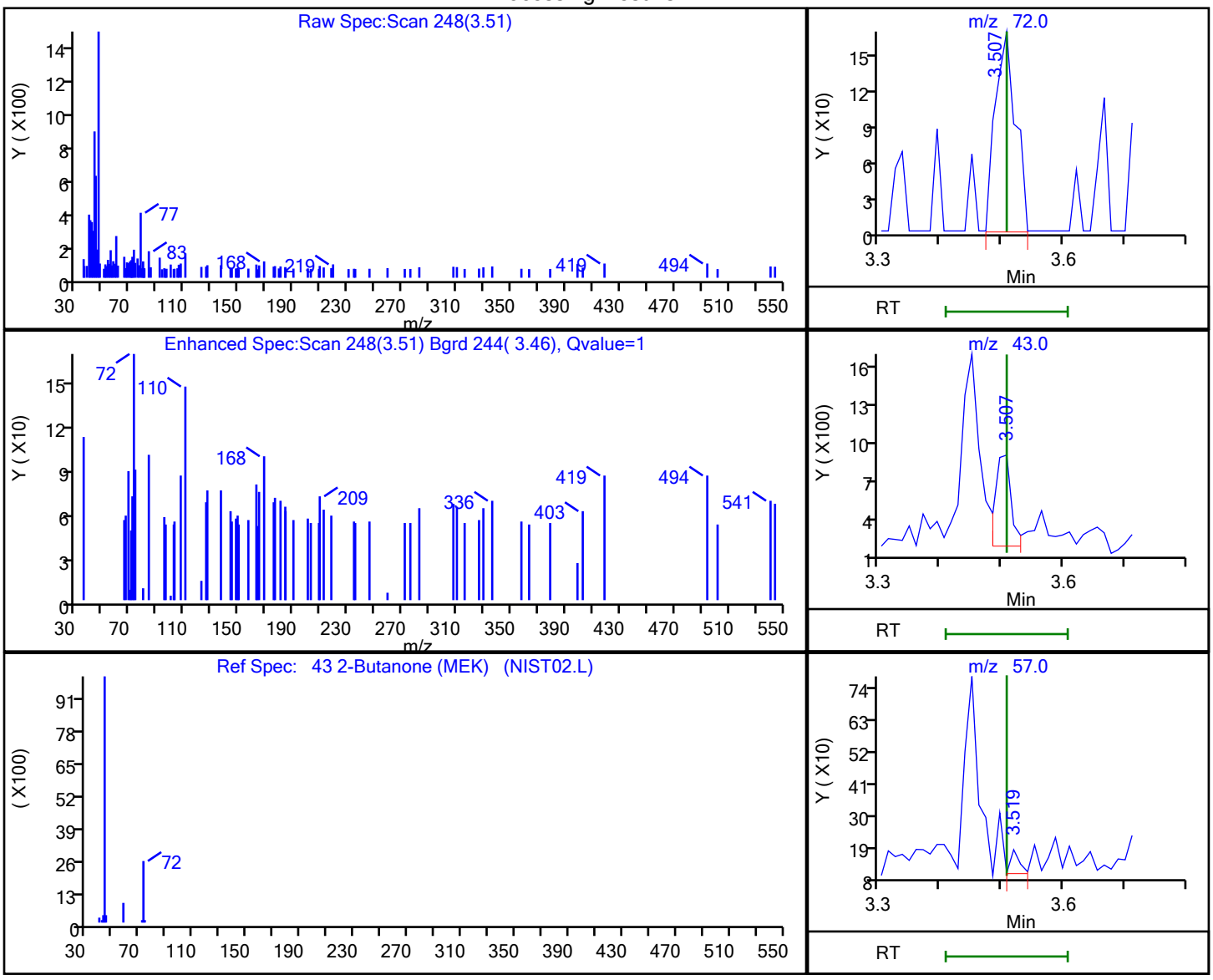
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.51	72.00	385	1.028351
3.51	43.00	1217	
3.52	57.00	78	

Reviewer: HVW2, 20-Apr-2025 05:56:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

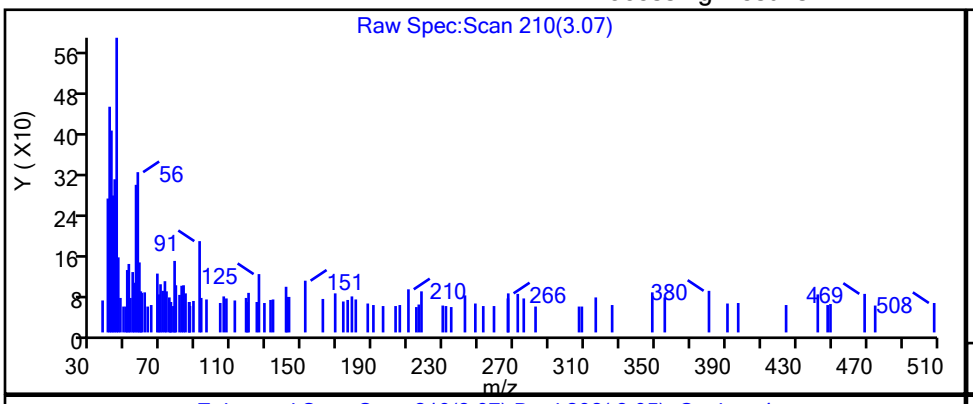
User Disabled Compound Report

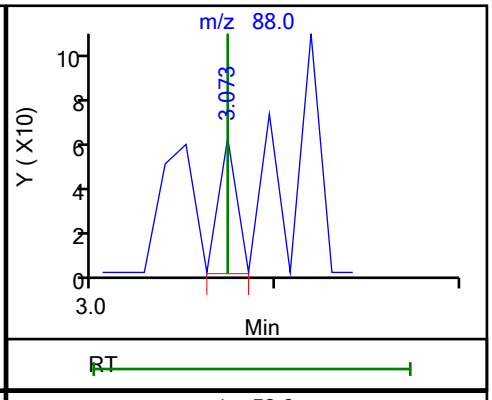
Eurofins Edison

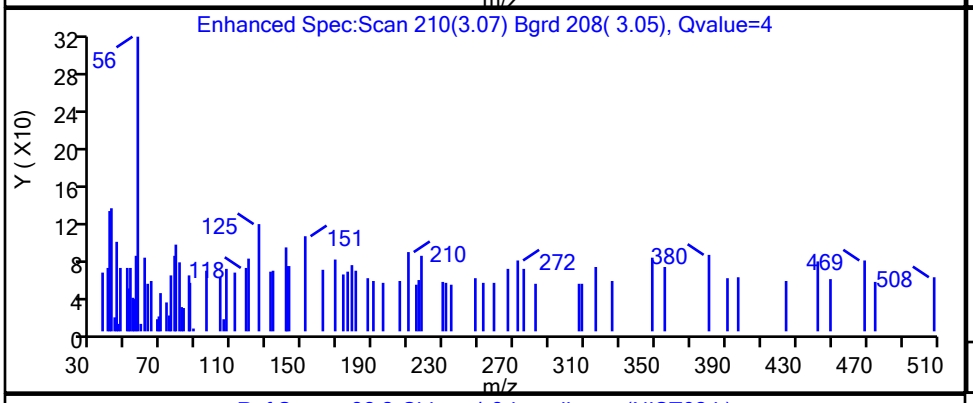
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

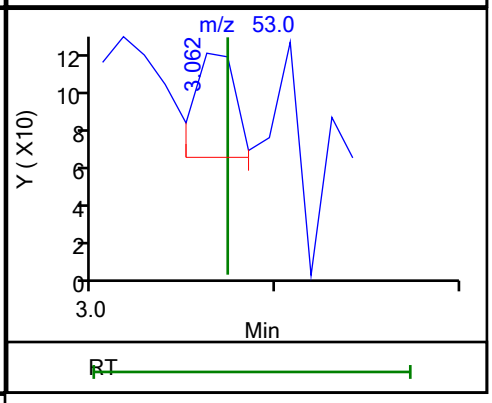
38 2-Chloro-1,3-butadiene, CAS: 126-99-8

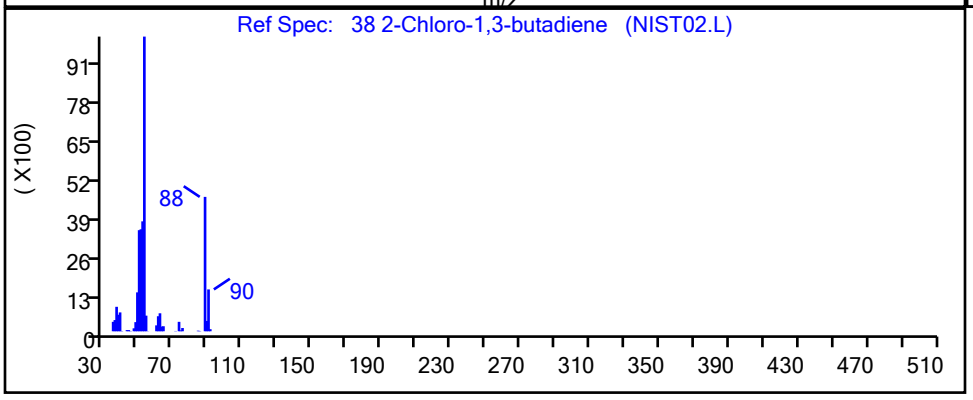
Processing Results











RT	Mass	Response	Amount
3.07	88.00	42	0.013604
3.06	53.00	90	

Reviewer: HVW2, 20-Apr-2025 05:56:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

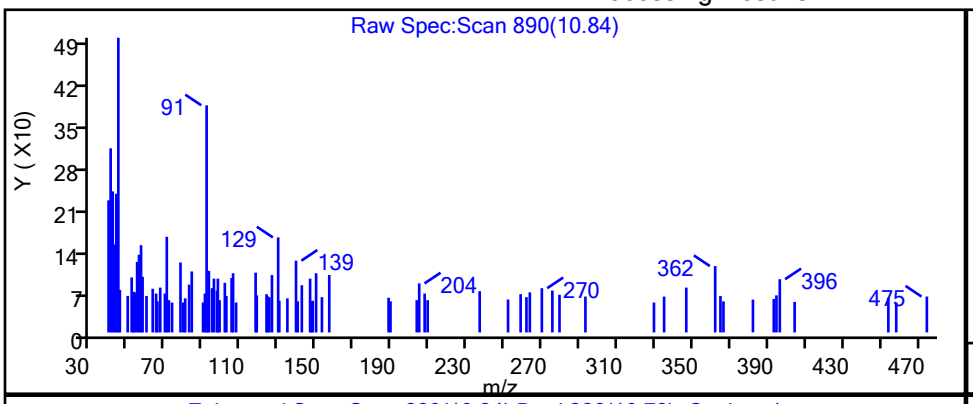
User Disabled Compound Report

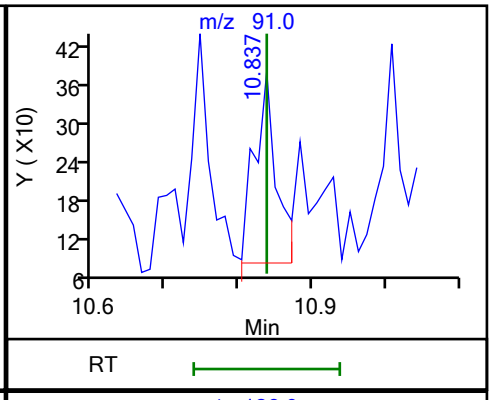
Eurofins Edison

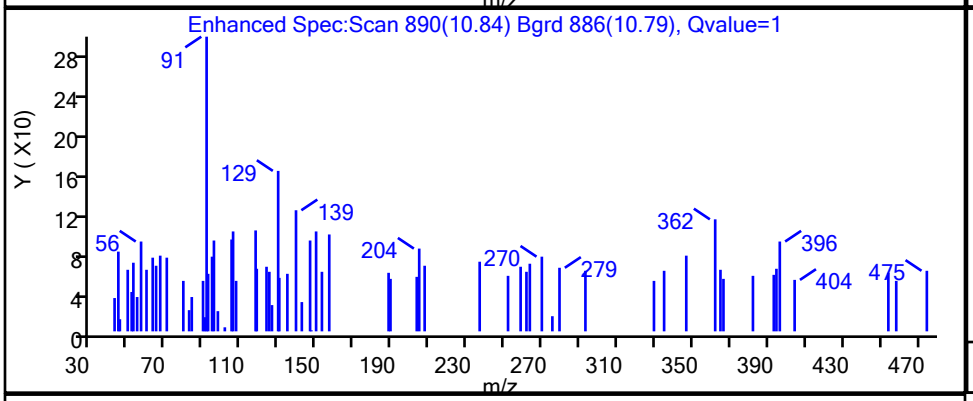
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

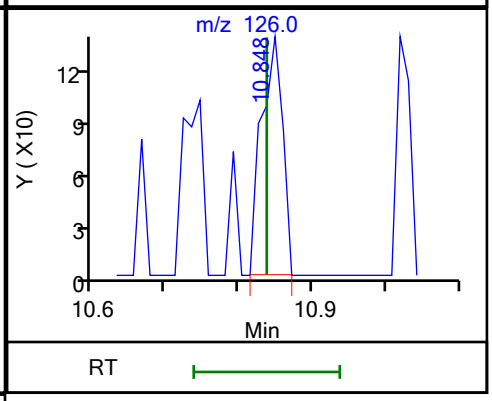
109 2-Chlorotoluene, CAS: 95-49-8

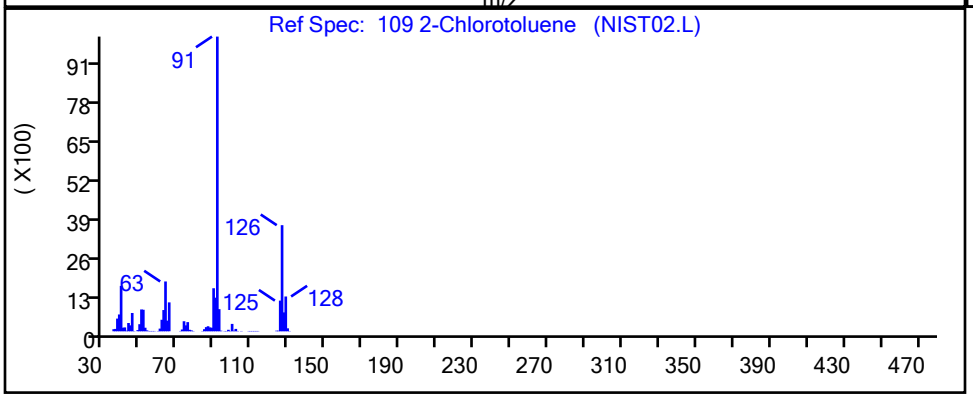
Processing Results











RT	Mass	Response	Amount
10.84	91.00	638	0.068426
10.85	126.00	273	

Reviewer: HVW2, 20-Apr-2025 05:57:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

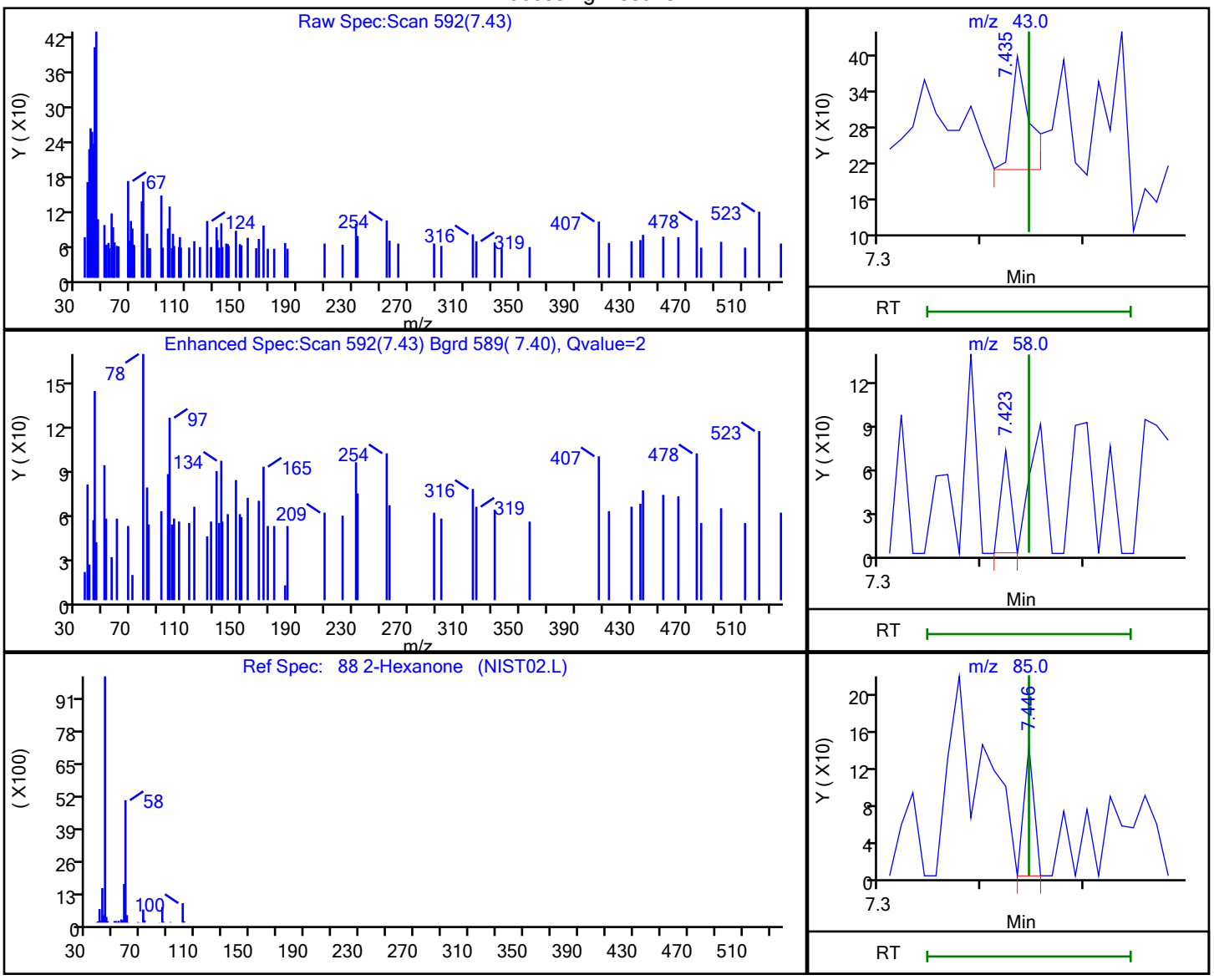
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.43	43.00	232	0.091461
7.42	58.00	47	
7.45	85.00	97	
7.42	100.00	78	

Reviewer: HVW2, 20-Apr-2025 05:57:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

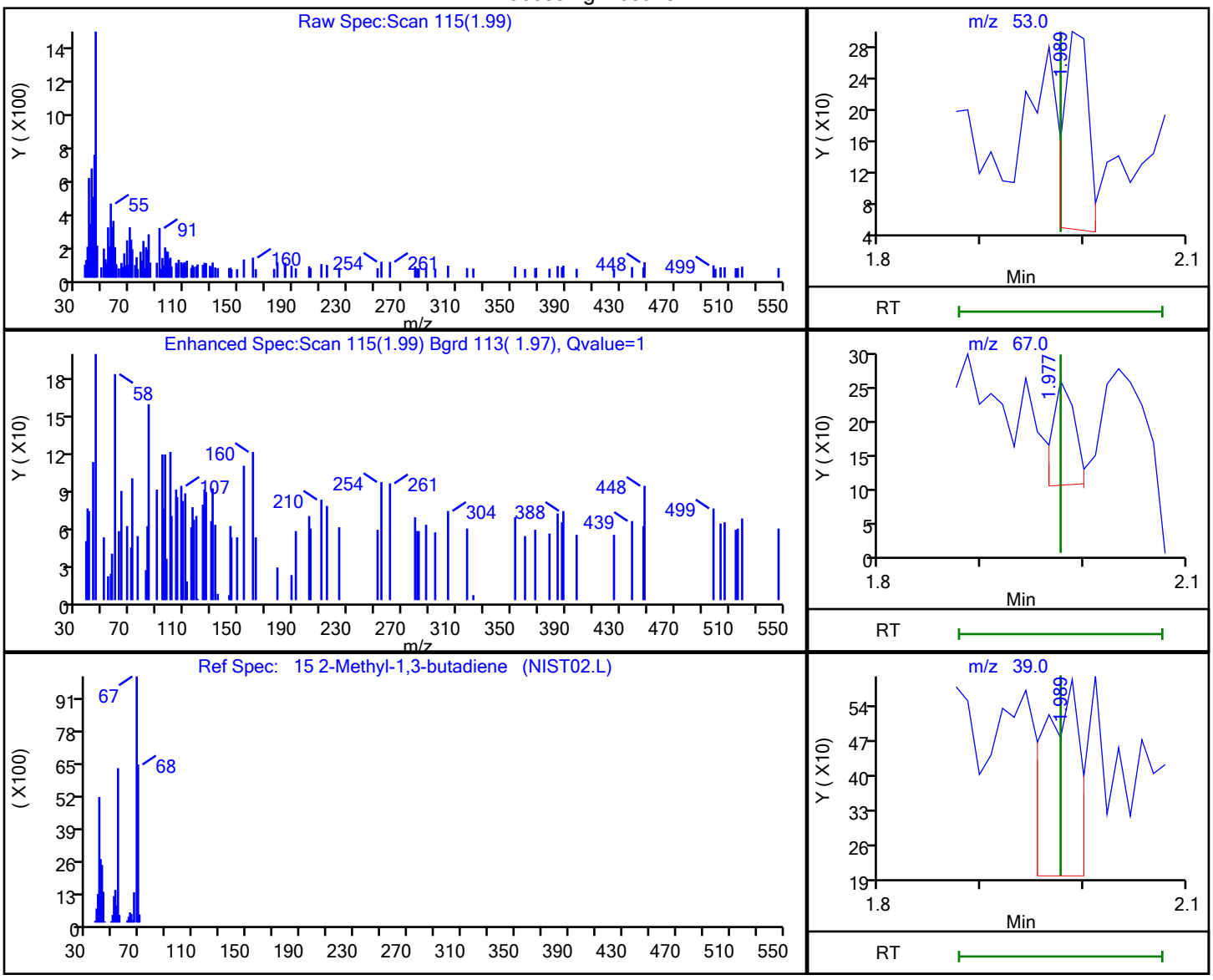
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.99	53.00	429	0.118755
1.98	67.00	242	
1.99	39.00	999	

Reviewer: HVW2, 20-Apr-2025 05:56:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

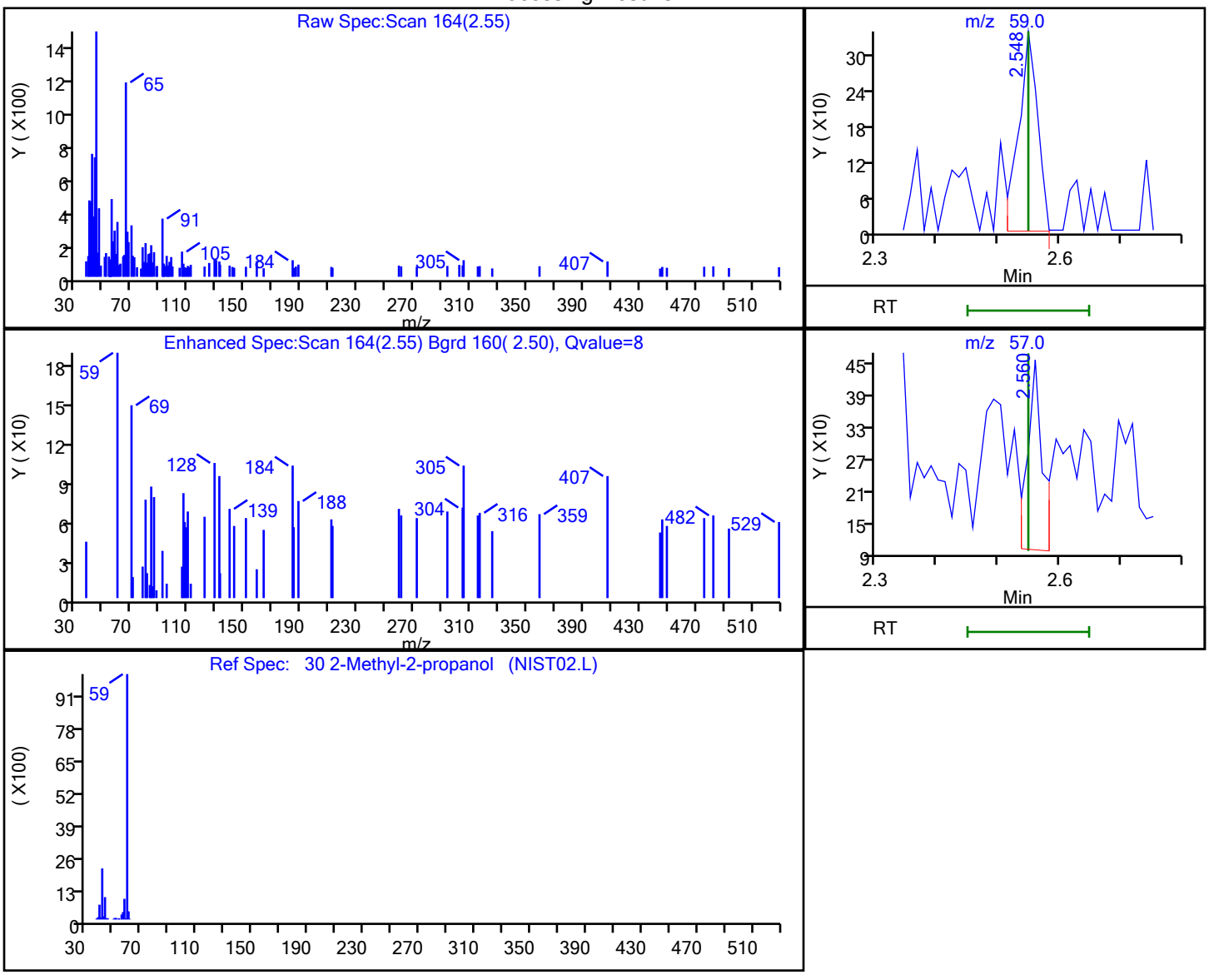
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.55	59.00	721	2.303757
2.56	57.00	613	

Reviewer: HVW2, 20-Apr-2025 05:56:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

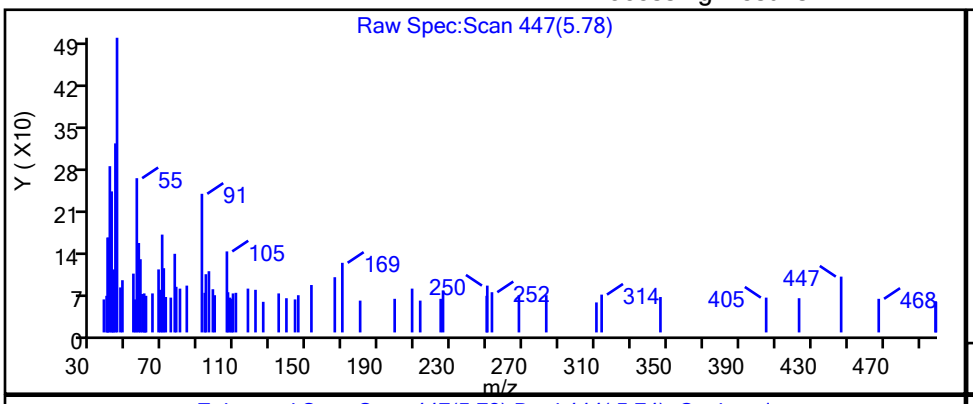
User Disabled Compound Report

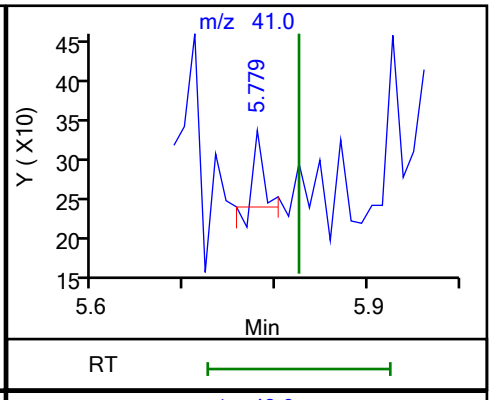
Eurofins Edison

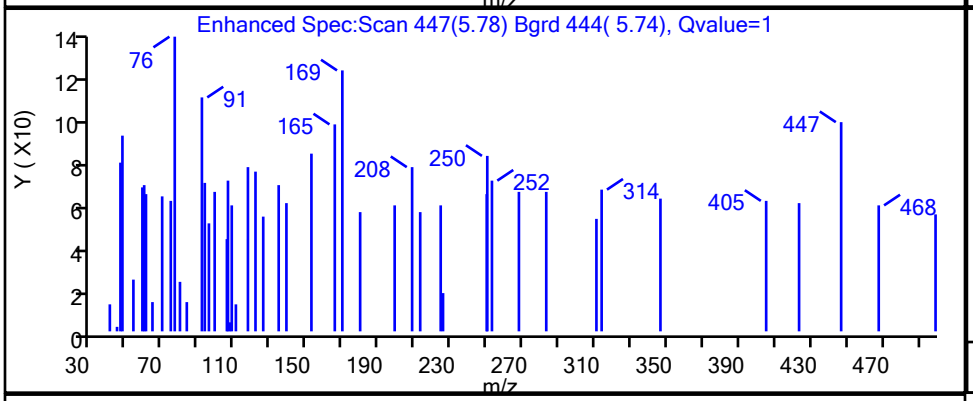
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

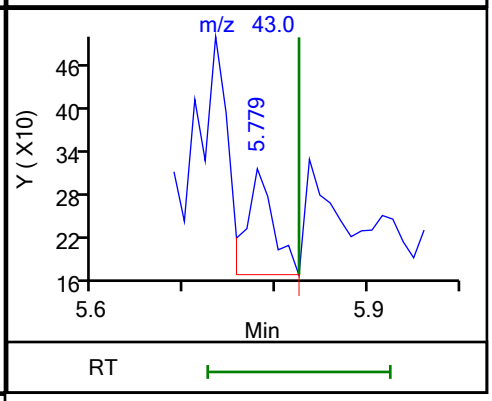
76 2-Nitropropane, CAS: 79-46-9

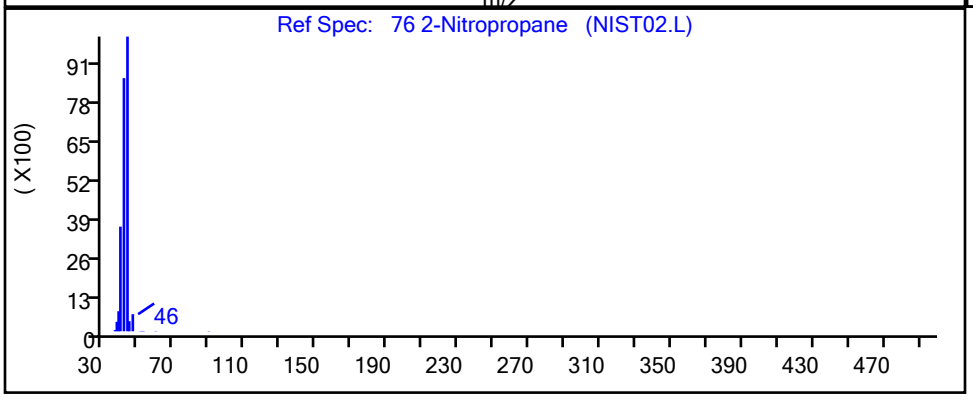
Processing Results











RT	Mass	Response	Amount
5.78	41.00	62	0.019293
5.78	43.00	305	

Reviewer: HVW2, 20-Apr-2025 05:57:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

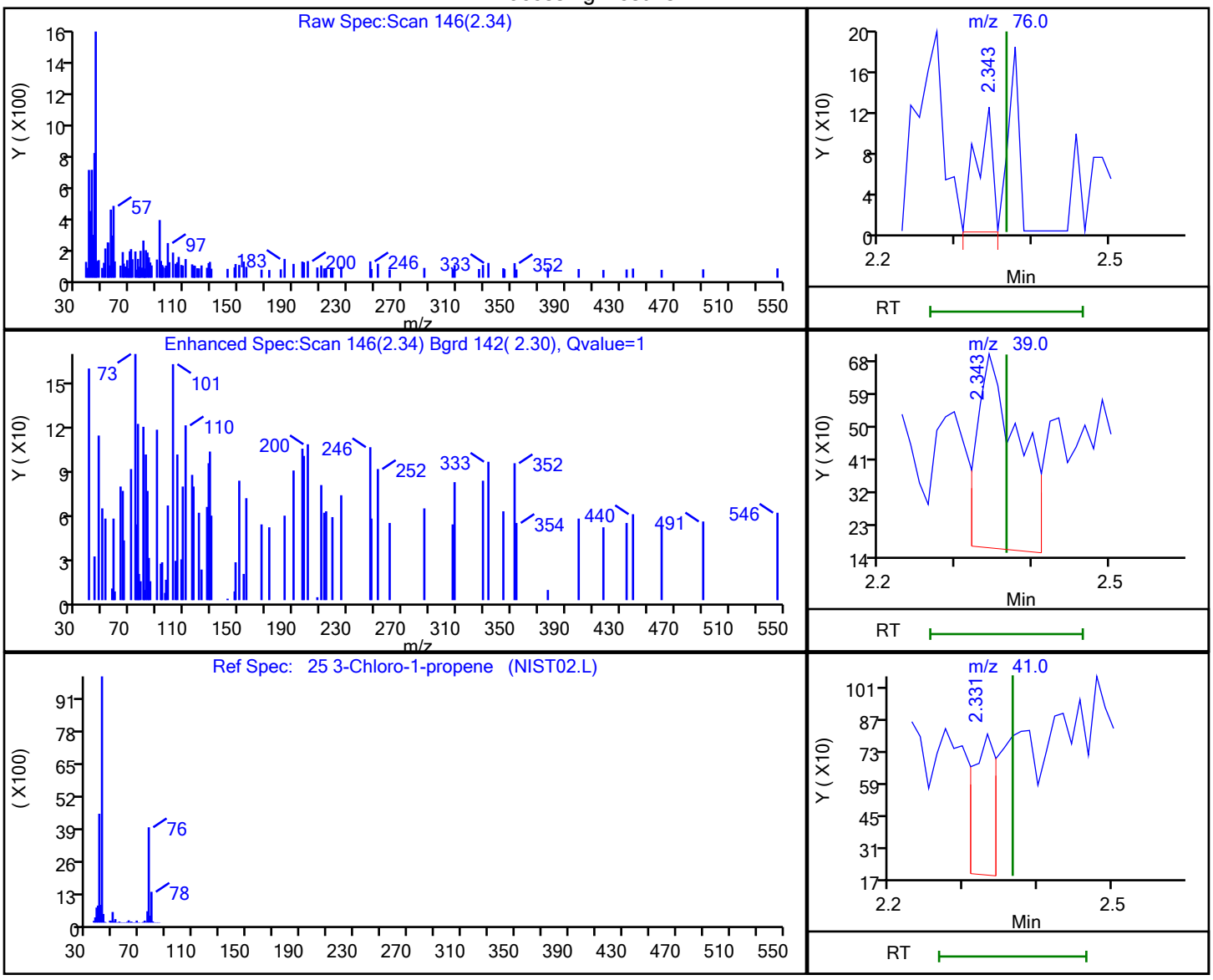
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.34	76.00	177	0.093023
2.34	39.00	2084	
2.33	41.00	1448	

Reviewer: HVW2, 20-Apr-2025 05:56:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

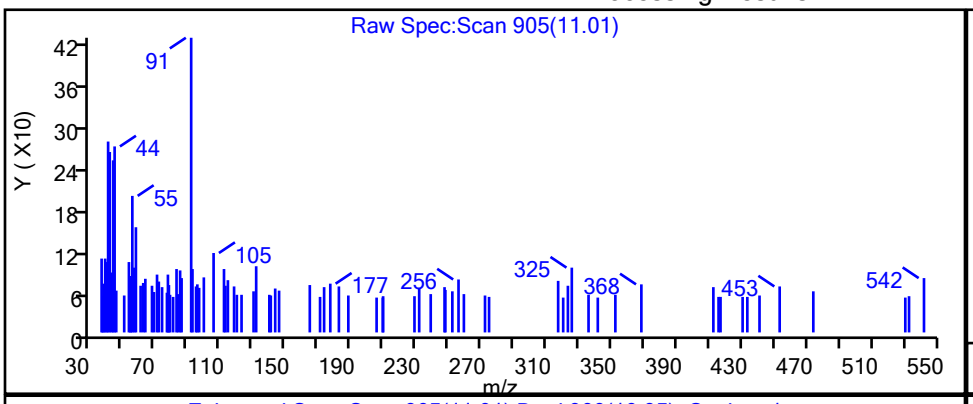
User Disabled Compound Report

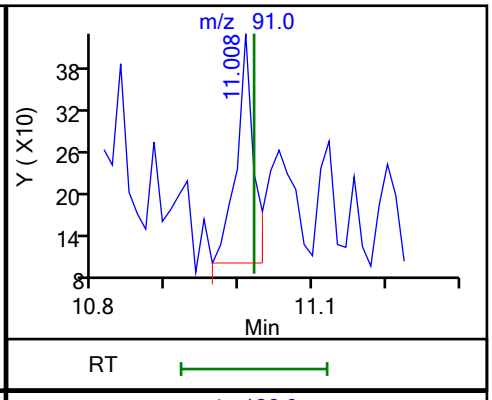
Eurofins Edison

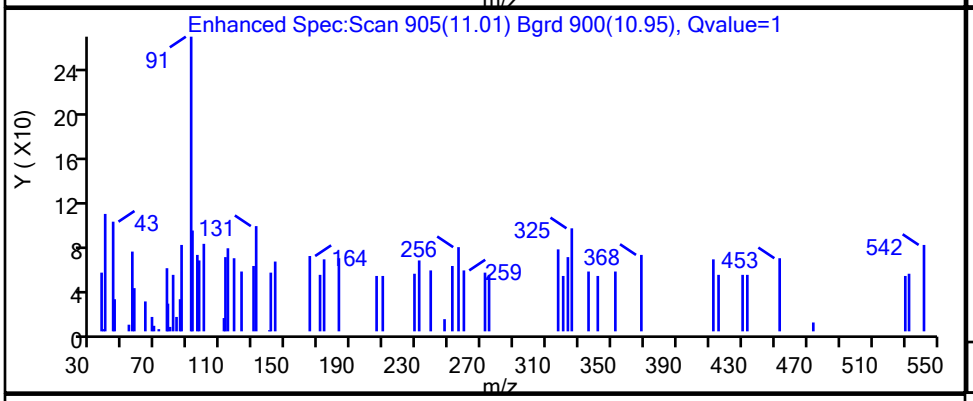
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

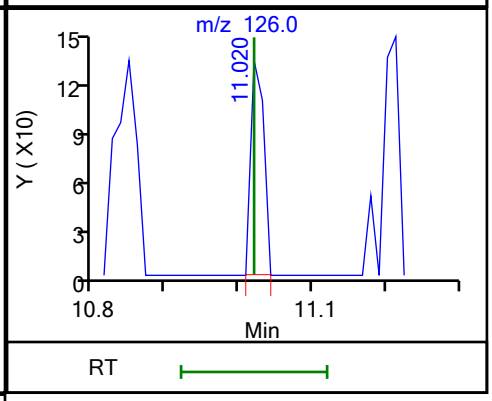
111 4-Chlorotoluene, CAS: 106-43-4

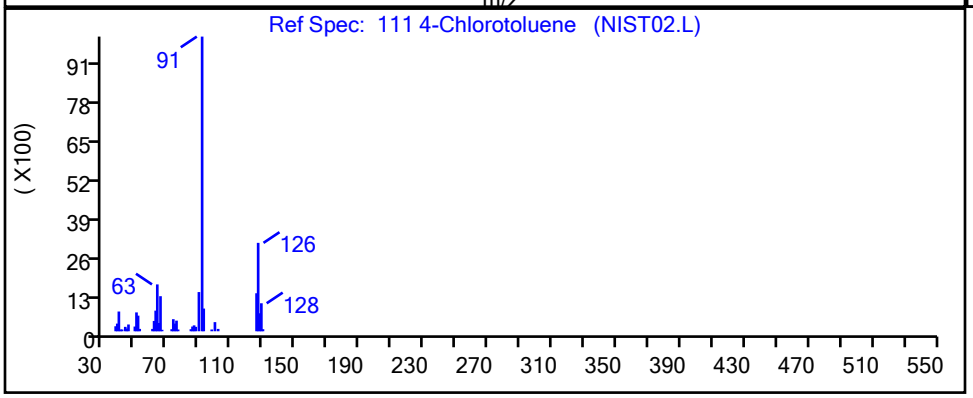
Processing Results











RT	Mass	Response	Amount
11.01	91.00	533	0.051440
11.02	126.00	168	

Reviewer: HVW2, 20-Apr-2025 05:57:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

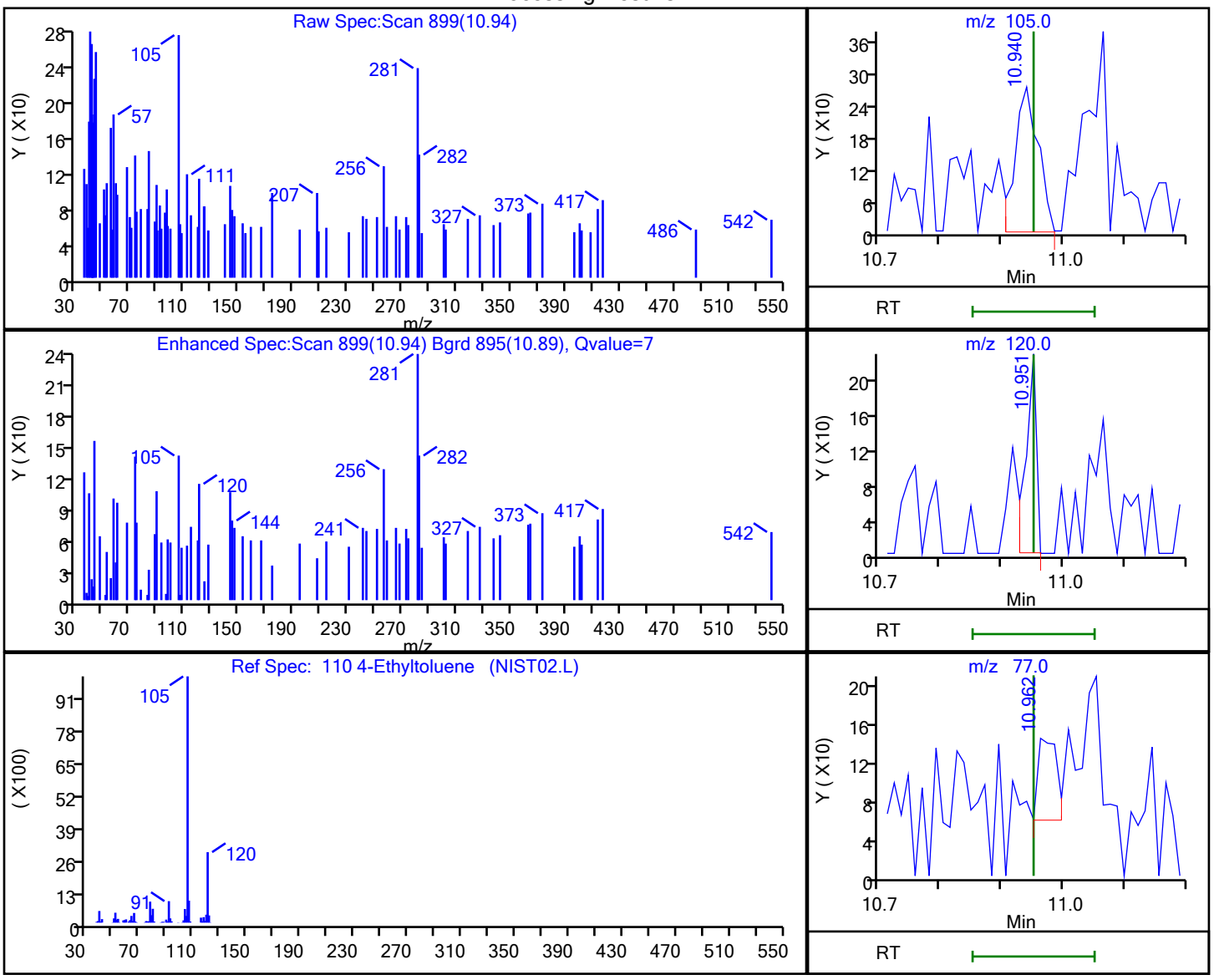
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.94	105.00	716	0.063929
10.95	120.00	274	
10.96	77.00	180	

Reviewer: HVW2, 20-Apr-2025 05:57:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

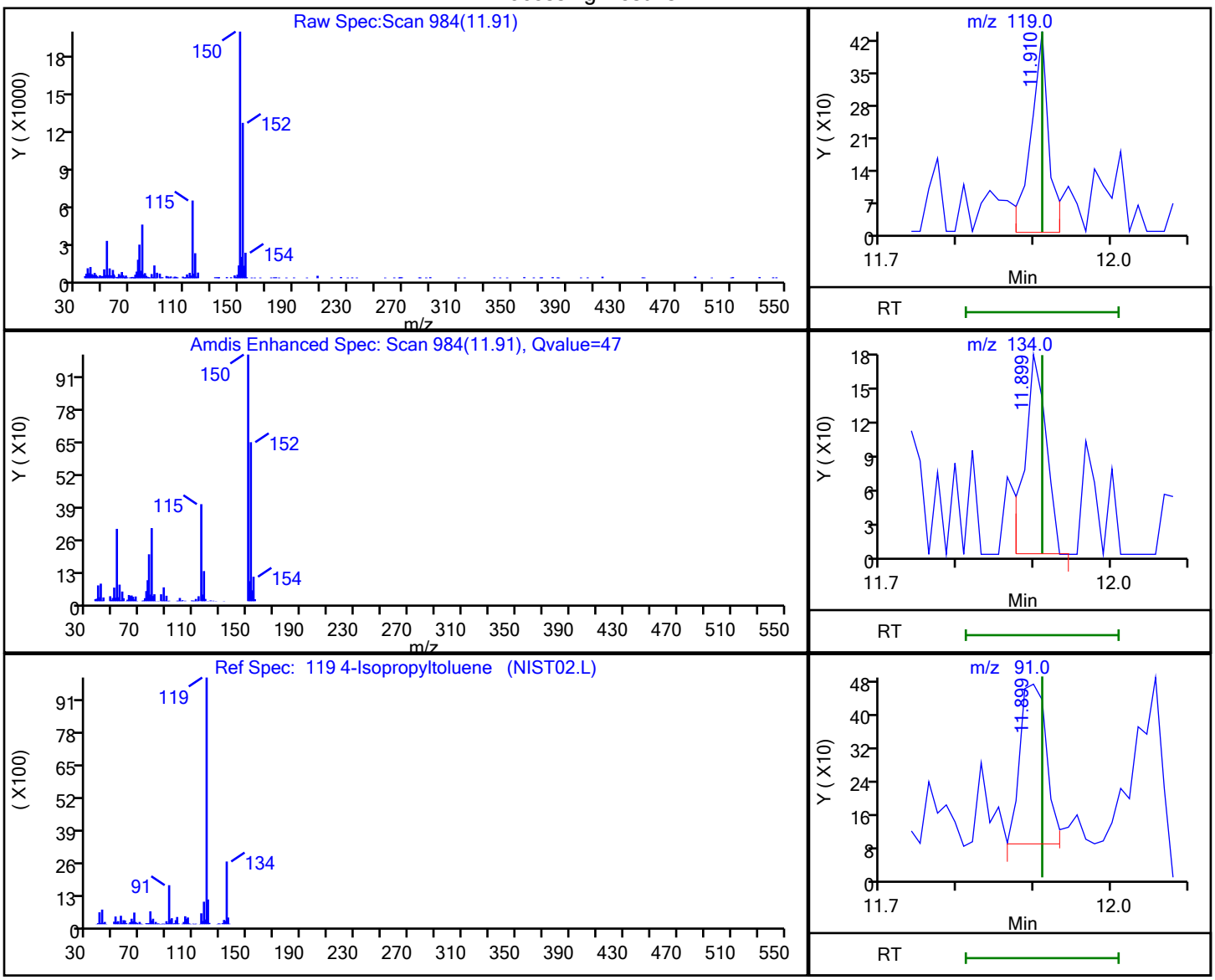
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.91	119.00	704	0.075765
11.90	134.00	338	
11.90	91.00	920	

Reviewer: HVW2, 20-Apr-2025 05:57:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

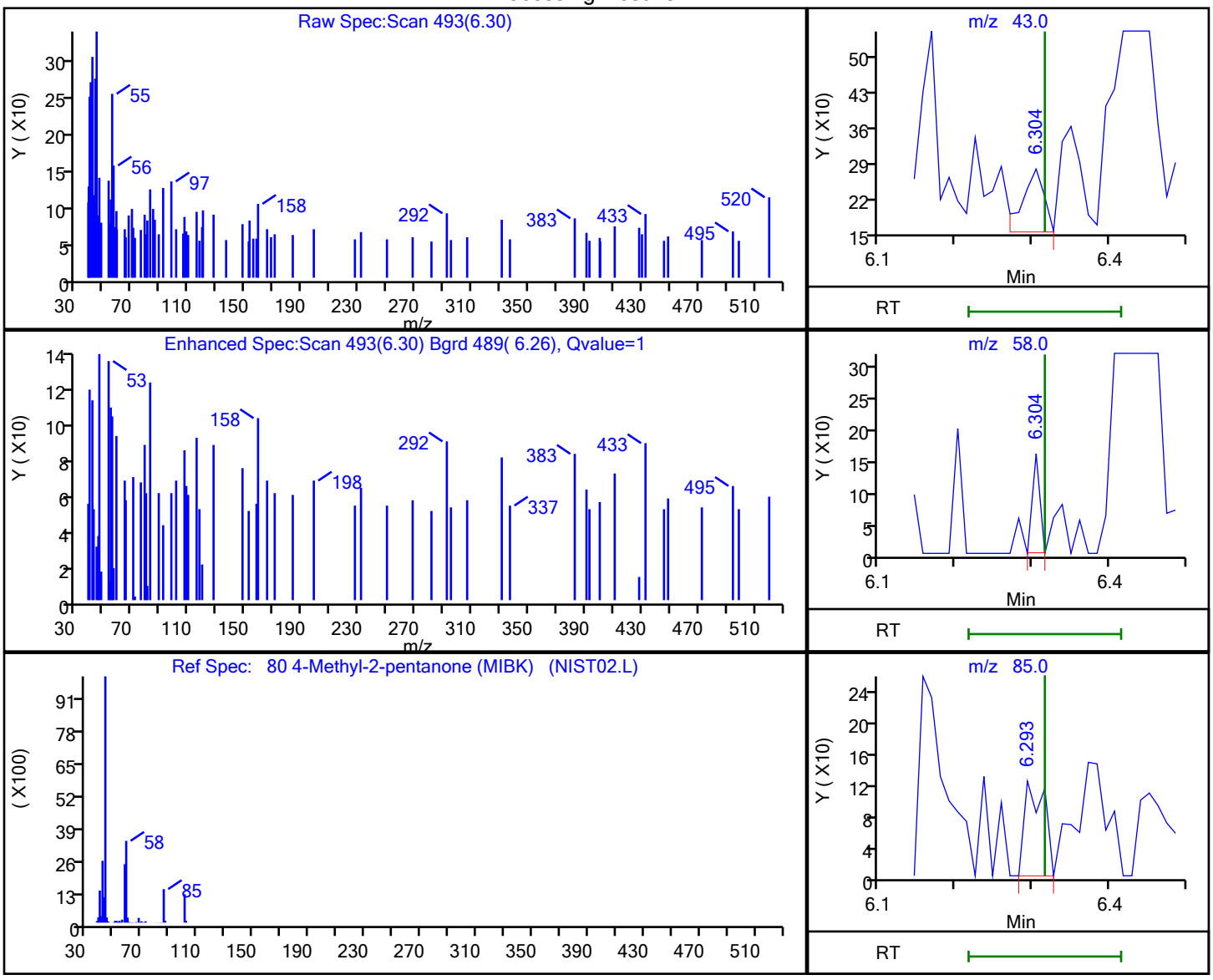
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.30	43.00	238	0.064669
6.30	58.00	109	
6.29	85.00	213	
6.30	100.00	46	

Reviewer: HVW2, 20-Apr-2025 05:57:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

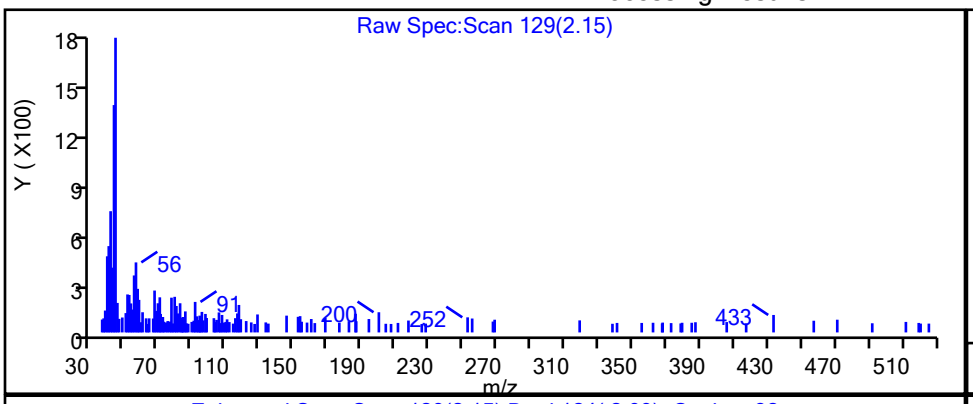
User Disabled Compound Report

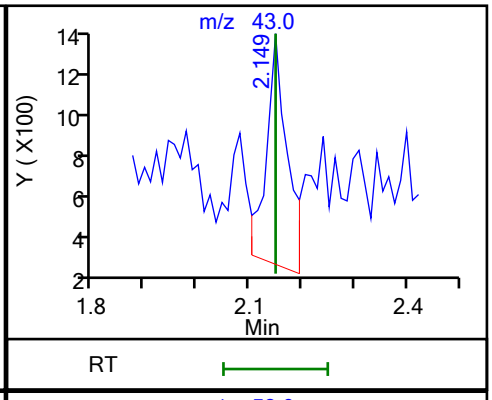
Eurofins Edison

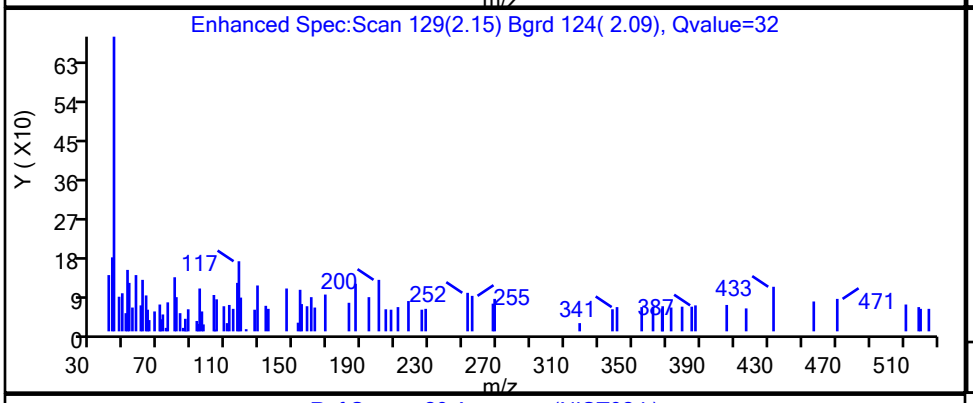
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

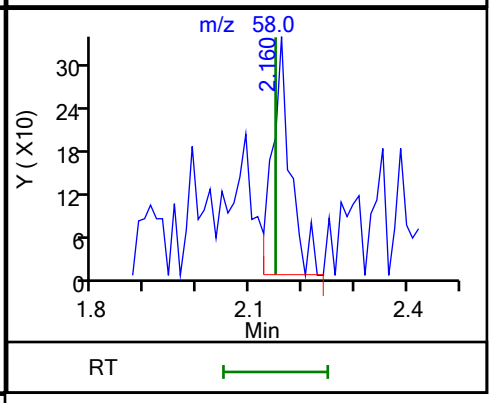
20 Acetone, CAS: 67-64-1

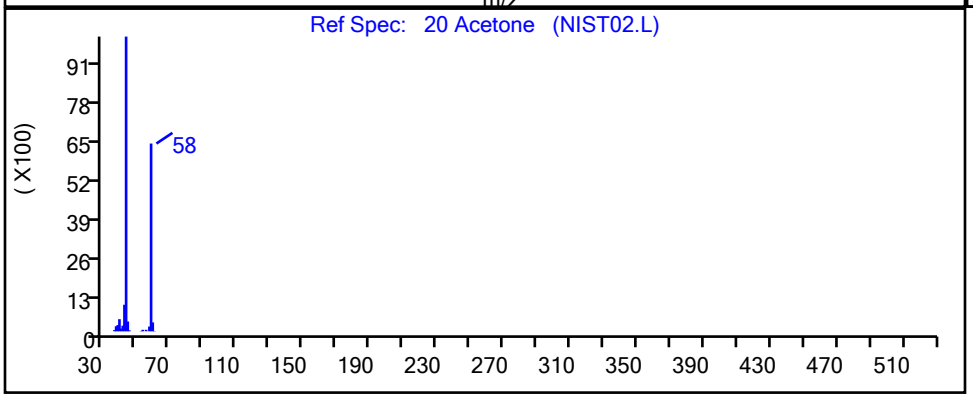
Processing Results











RT	Mass	Response	Amount
2.15	43.00	2937	3.682033
2.16	58.00	791	

Reviewer: HVW2, 20-Apr-2025 05:56:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

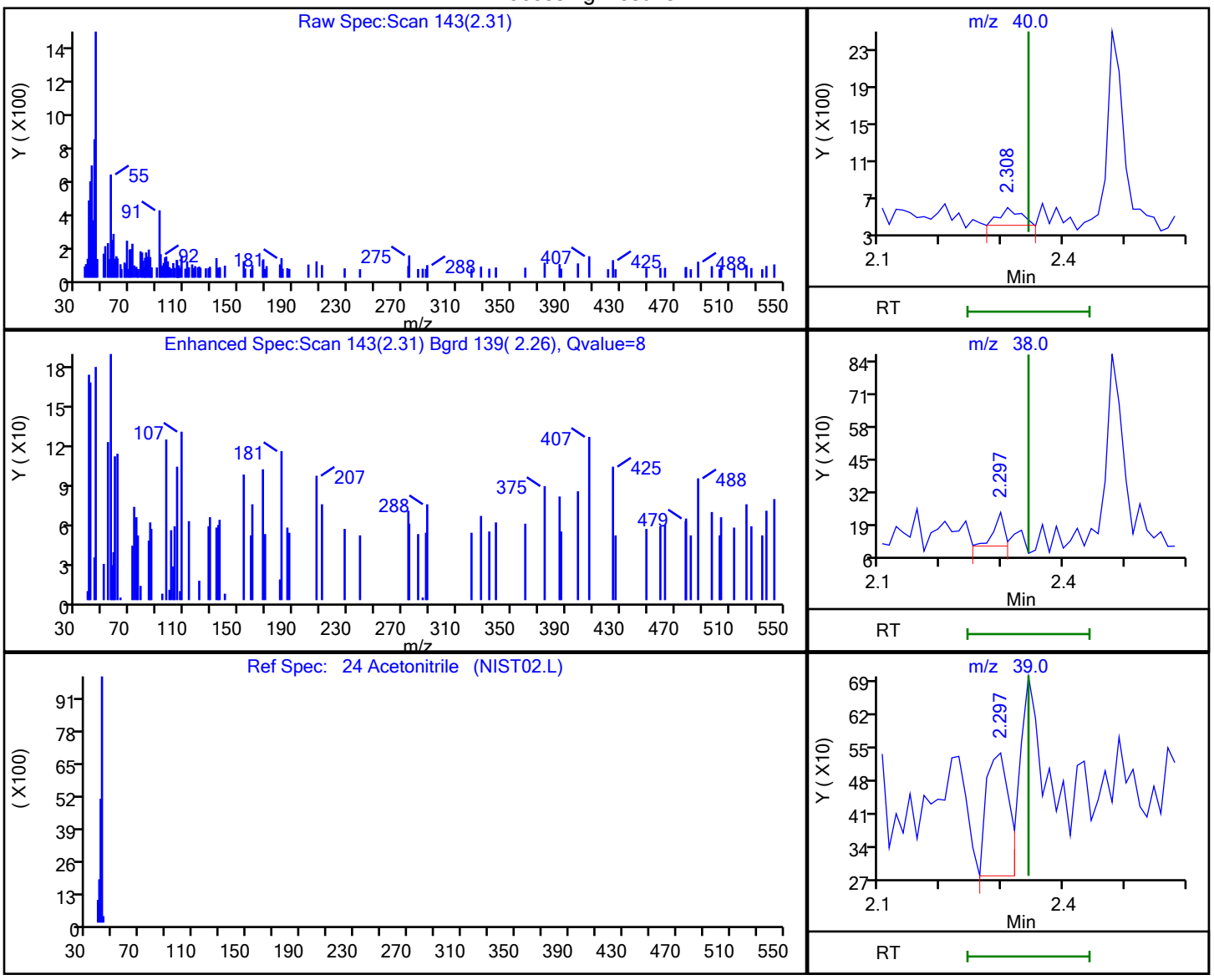
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.31	40.00	506	1.189276
2.30	38.00	151	
2.30	39.00	663	
2.33	41.00	134	

Reviewer: HVW2, 20-Apr-2025 05:56:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

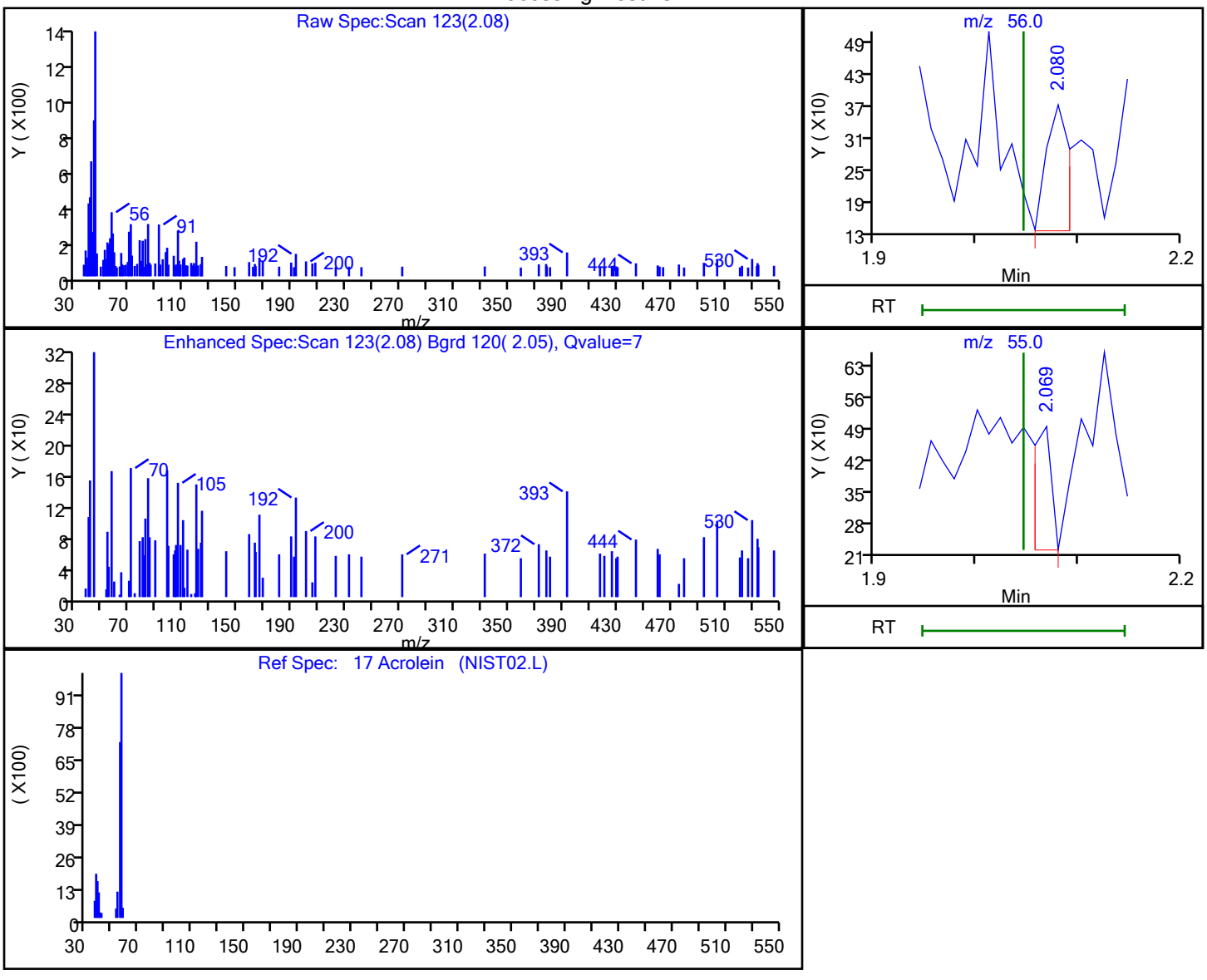
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.08	56.00	364	0.805299
2.07	55.00	350	

Reviewer: HVW2, 20-Apr-2025 05:56:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

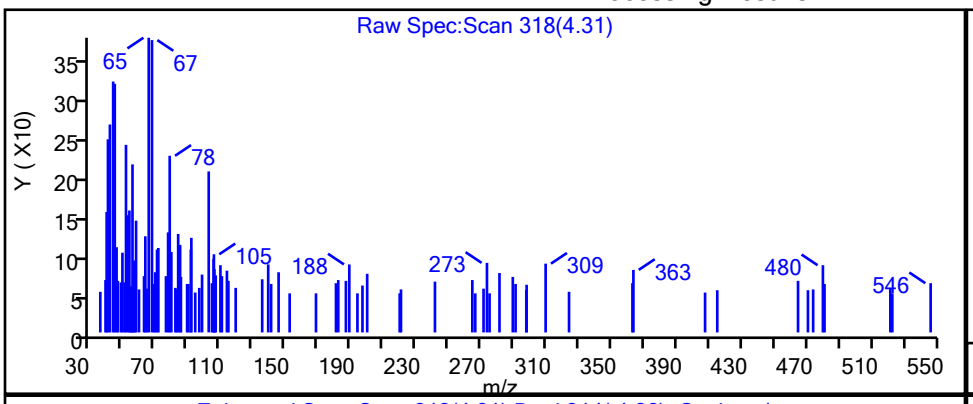
User Disabled Compound Report

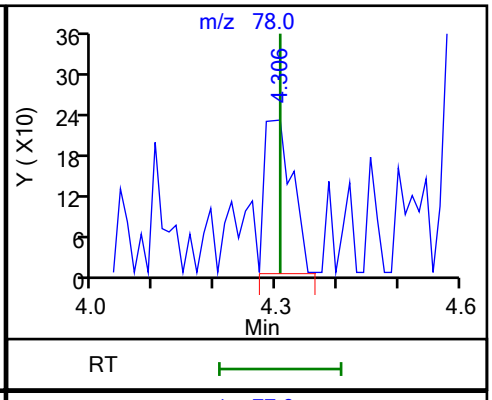
Eurofins Edison

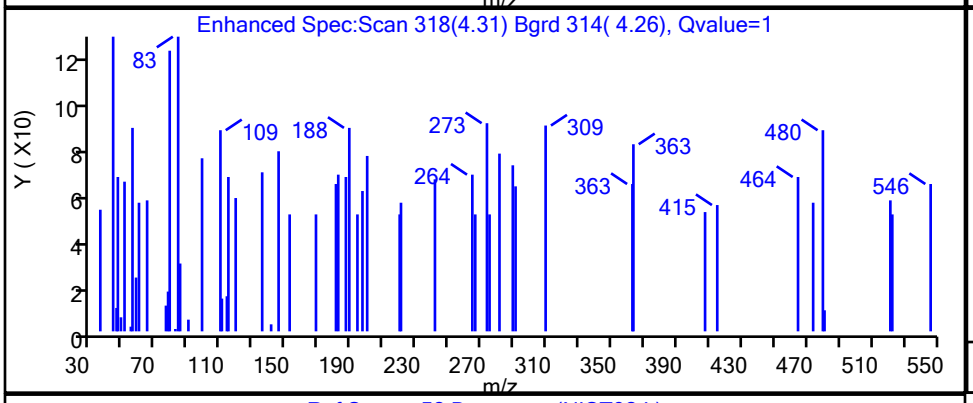
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

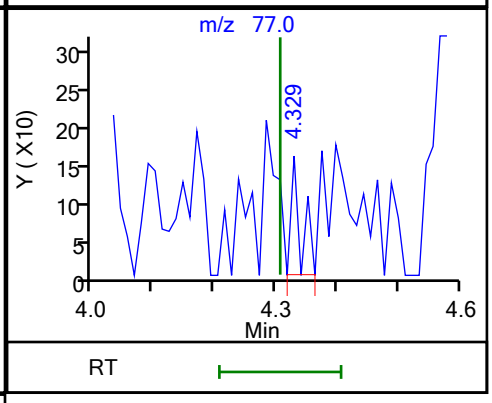
58 Benzene, CAS: 71-43-2

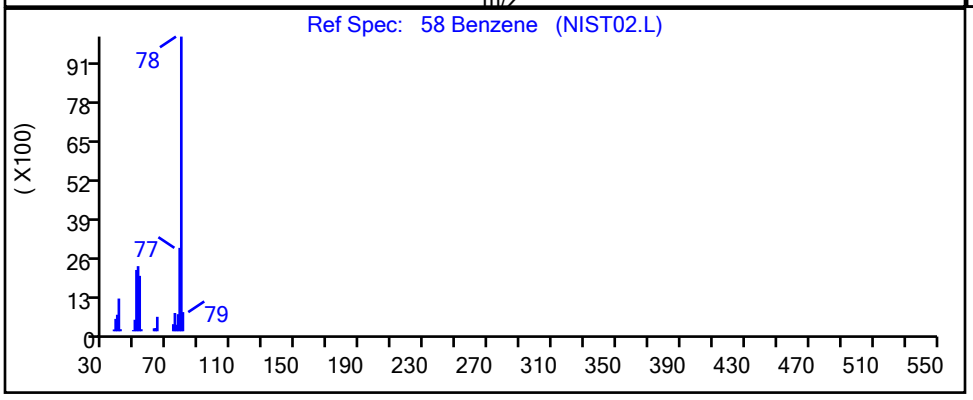
Processing Results











RT	Mass	Response	Amount
4.31	78.00	706	0.054597
4.33	77.00	182	

Reviewer: HVW2, 20-Apr-2025 05:57:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

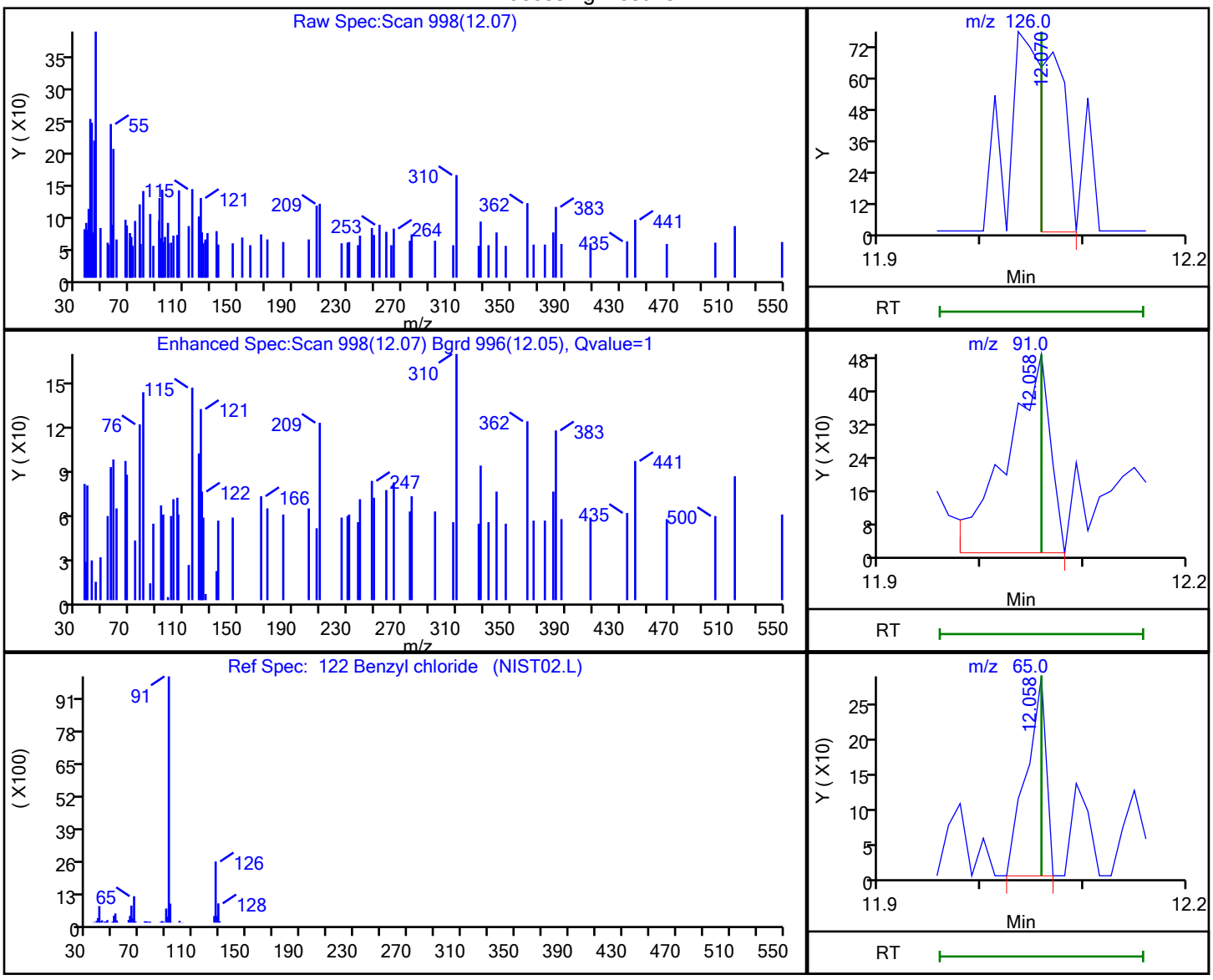
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
12.07	126.00	132	0.097093
12.06	91.00	1448	
12.06	65.00	383	

Reviewer: HVW2, 20-Apr-2025 05:58:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

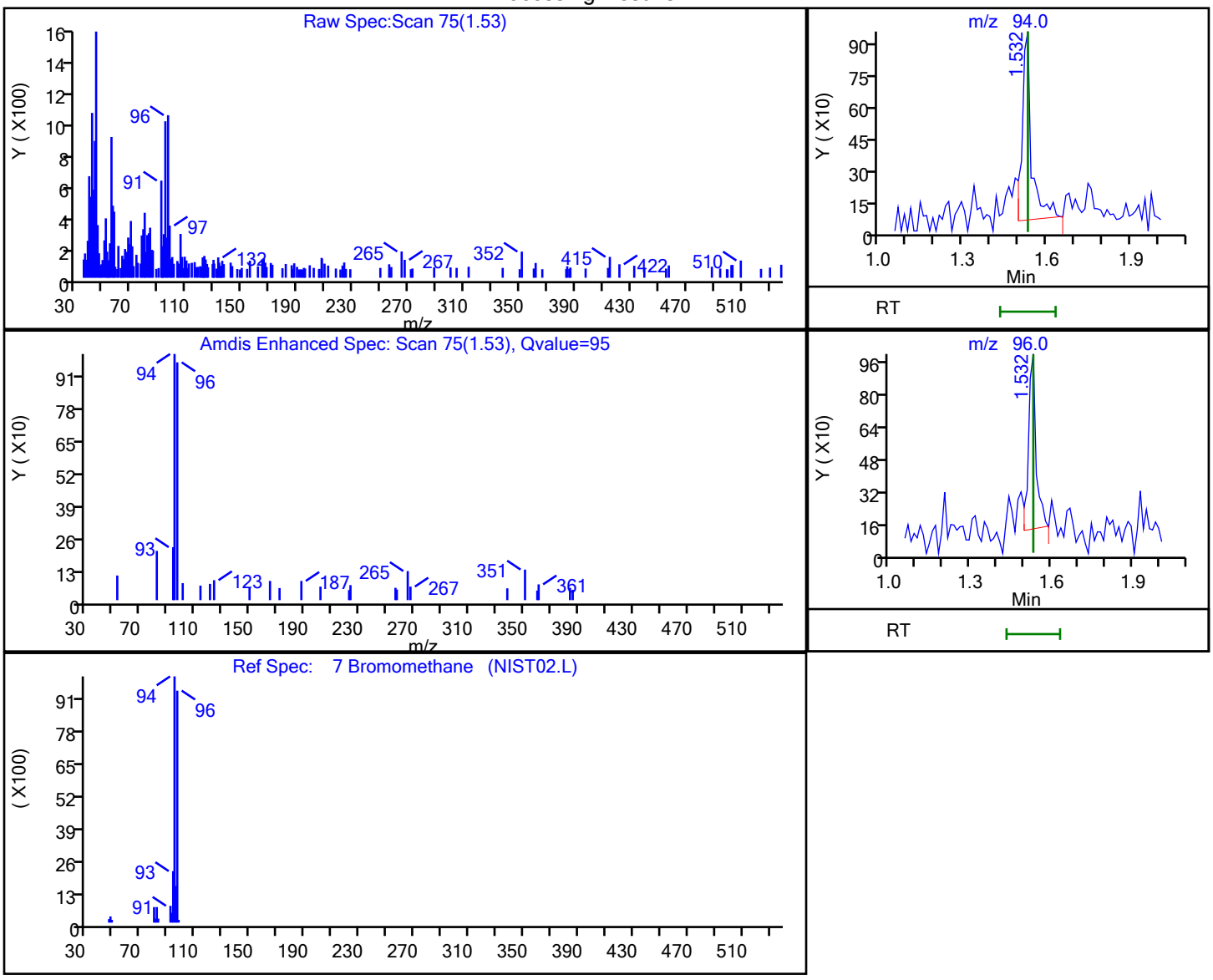
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.53	94.00	2108	0.640825
1.53	96.00	1715	

Reviewer: HVW2, 20-Apr-2025 05:55:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

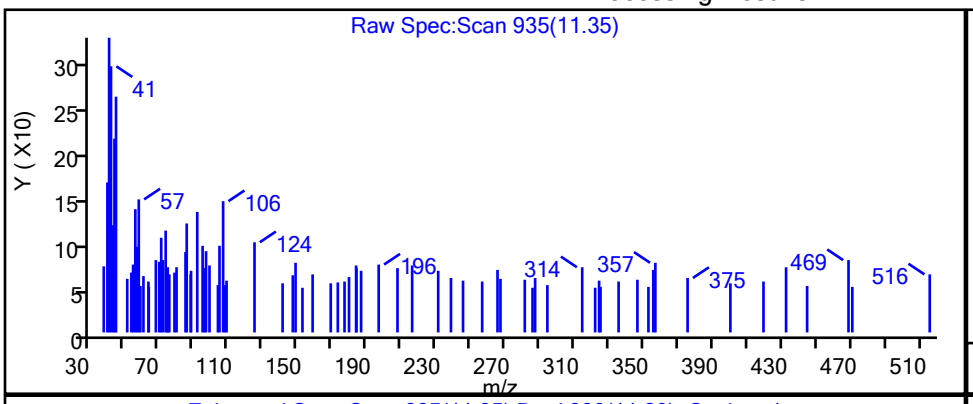
User Disabled Compound Report

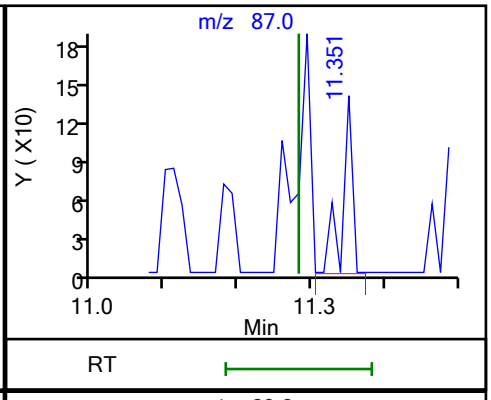
Eurofins Edison

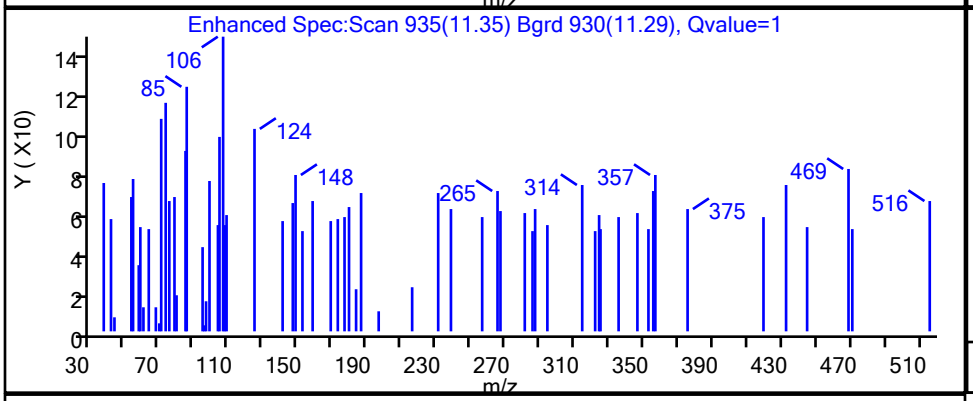
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

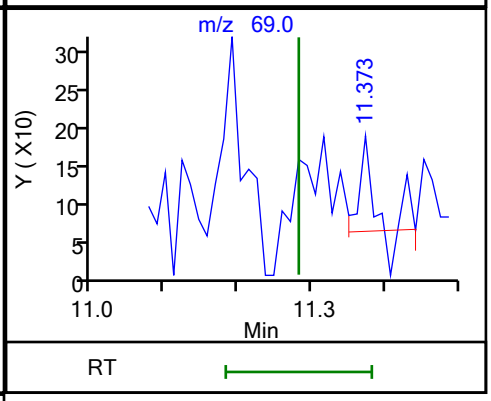
113 Butyl Methacrylate, CAS: 97-88-1

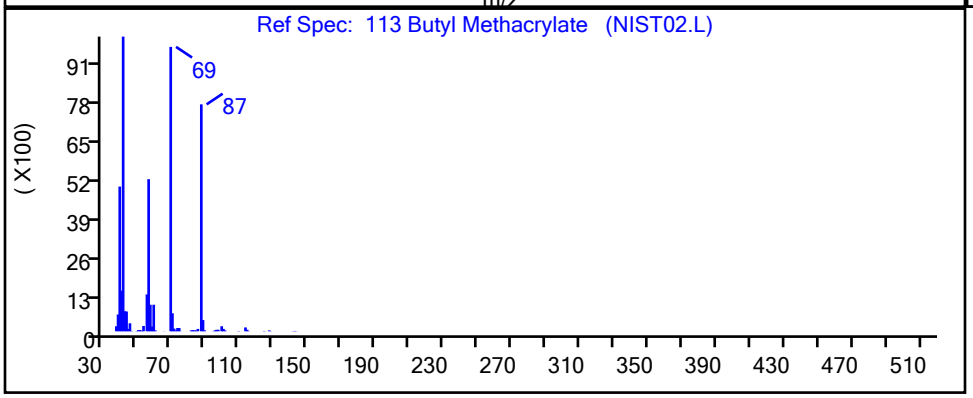
Processing Results











RT	Mass	Response	Amount
11.35	87.00	128	0.038609
11.37	69.00	163	

Reviewer: HVW2, 20-Apr-2025 05:57:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

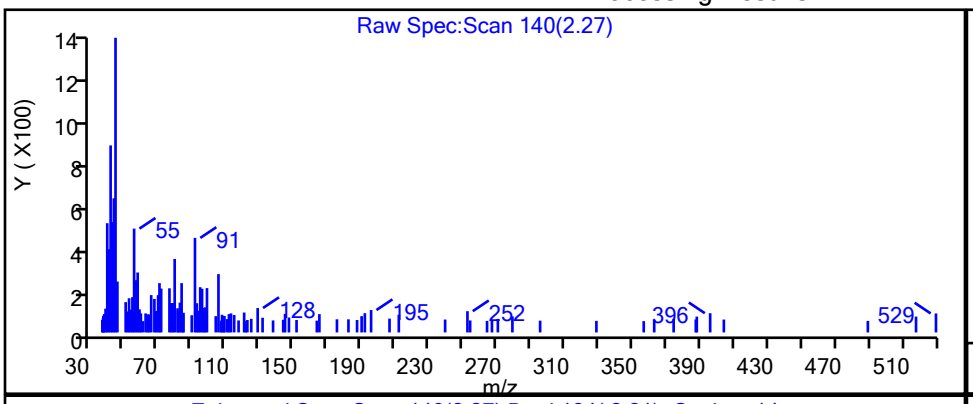
User Disabled Compound Report

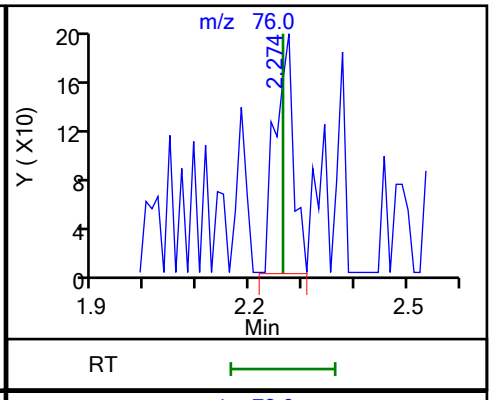
Eurofins Edison

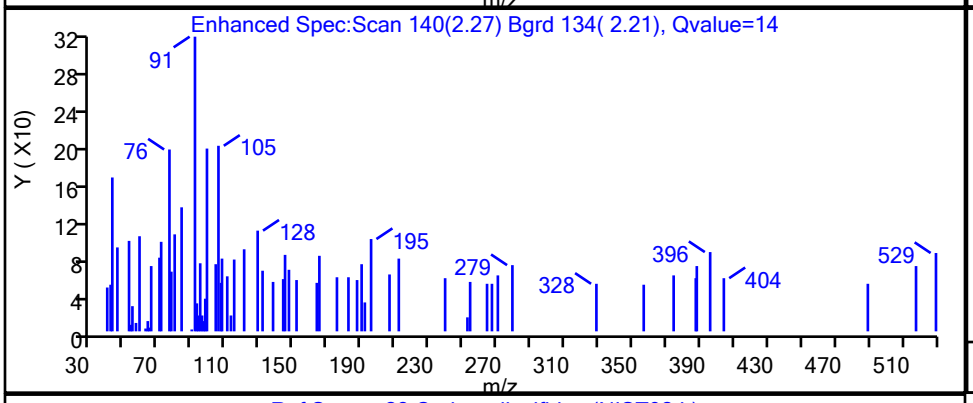
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

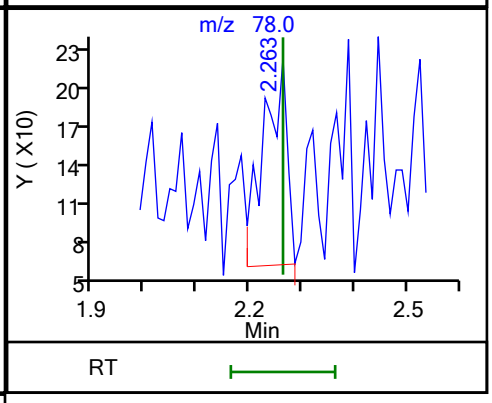
23 Carbon disulfide, CAS: 75-15-0

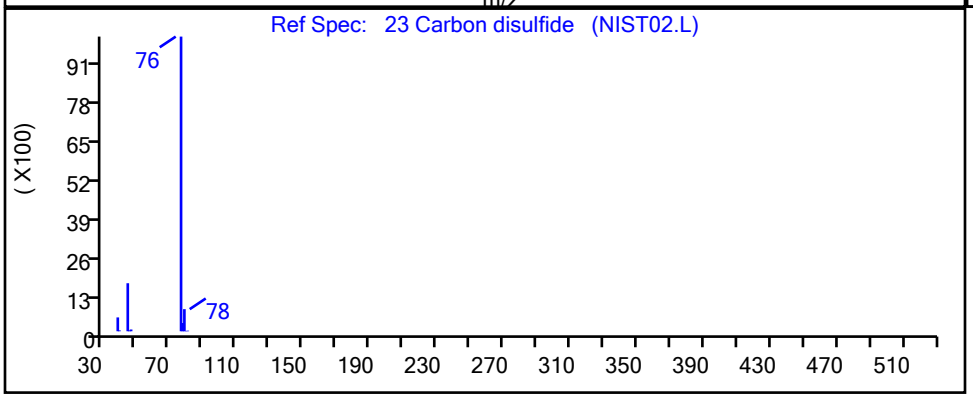
Processing Results











RT	Mass	Response	Amount
2.27	76.00	472	0.044245
2.26	78.00	484	

Reviewer: HVW2, 20-Apr-2025 05:56:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

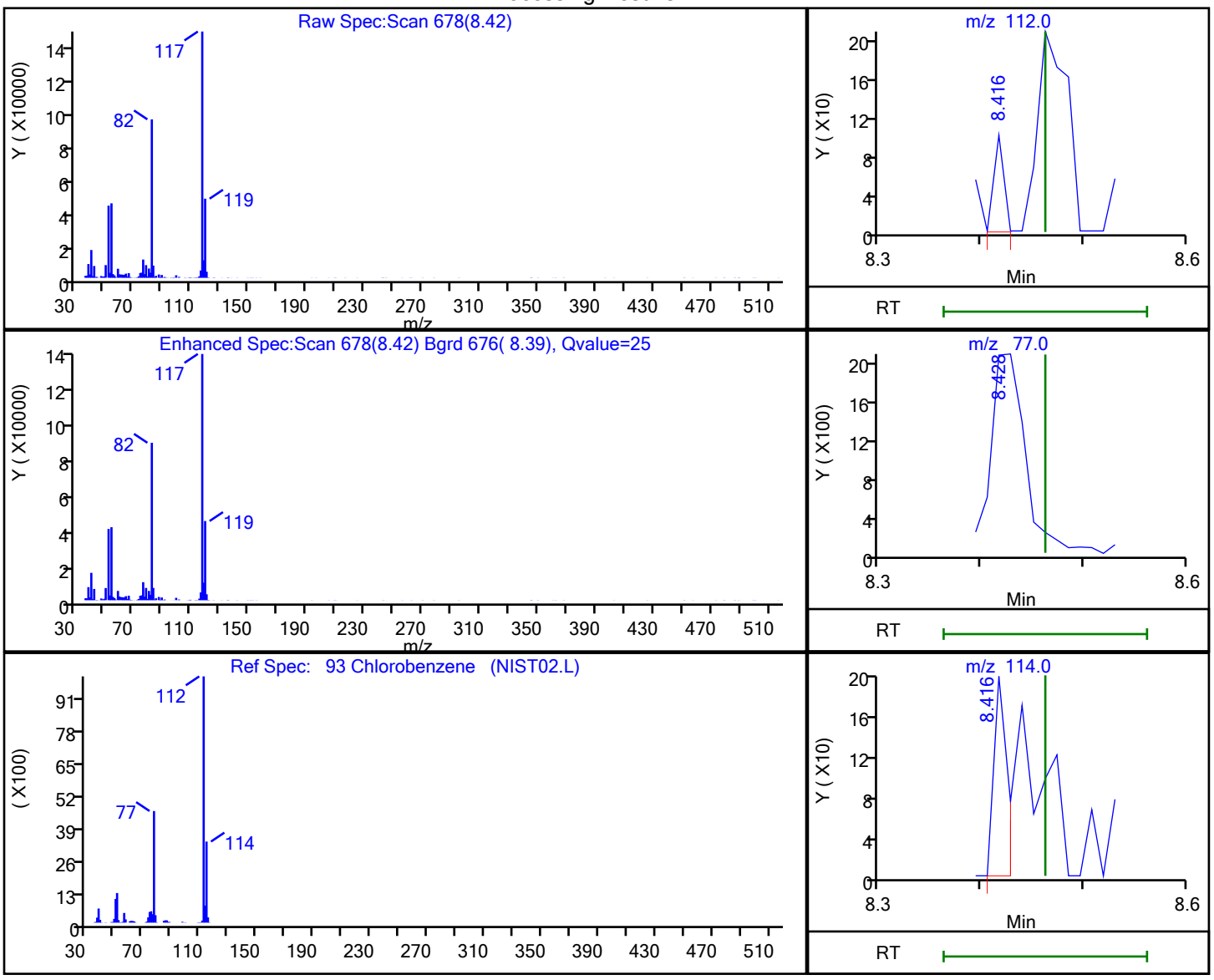
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

93 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.42	112.00	66	0.007901
8.43	77.00	4938	
8.42	114.00	182	

Reviewer: HVW2, 20-Apr-2025 05:57:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

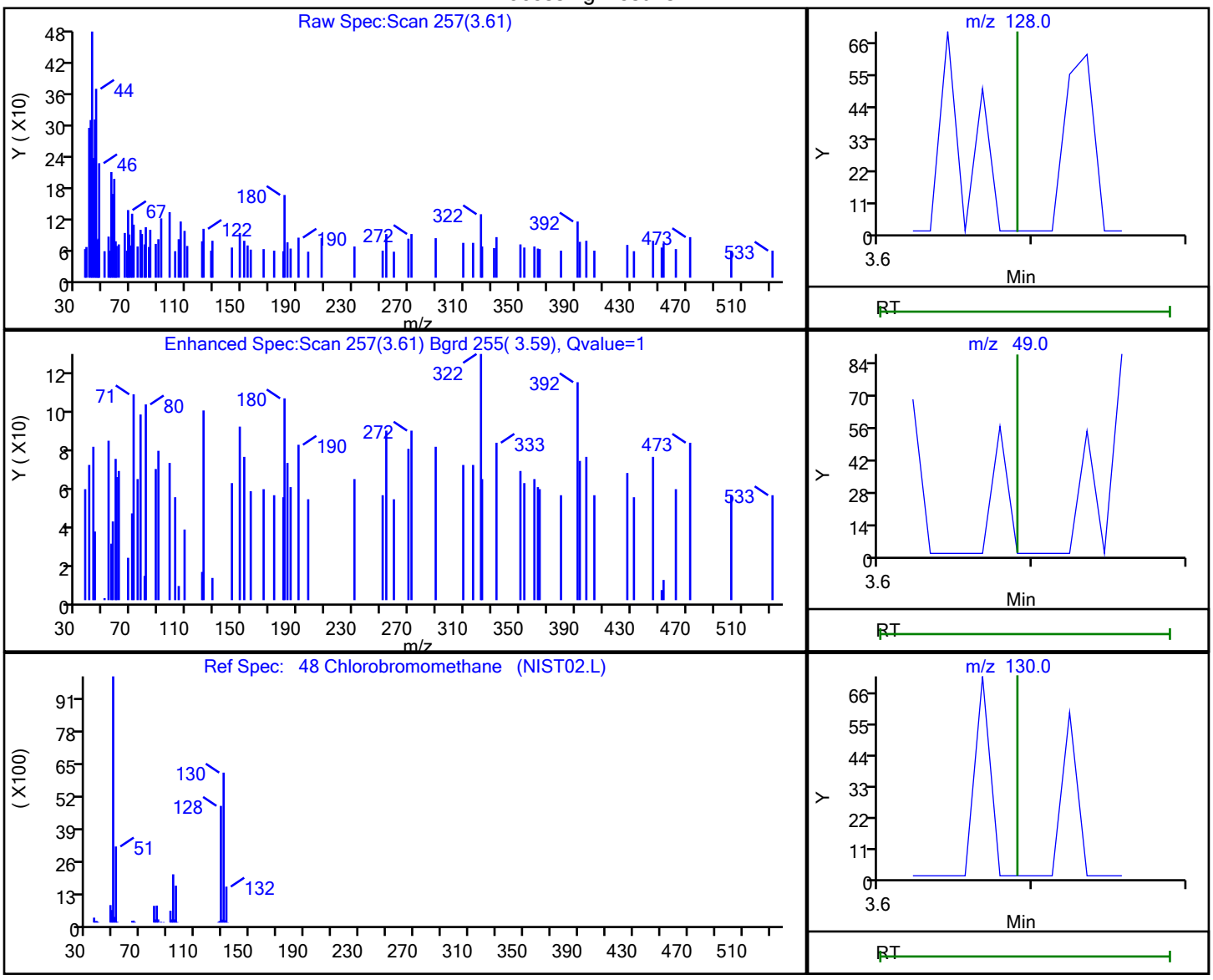
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.61	128.00	49	0.036993
3.60	49.00	37	
3.60	130.00	77	

Reviewer: HVW2, 20-Apr-2025 05:56:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

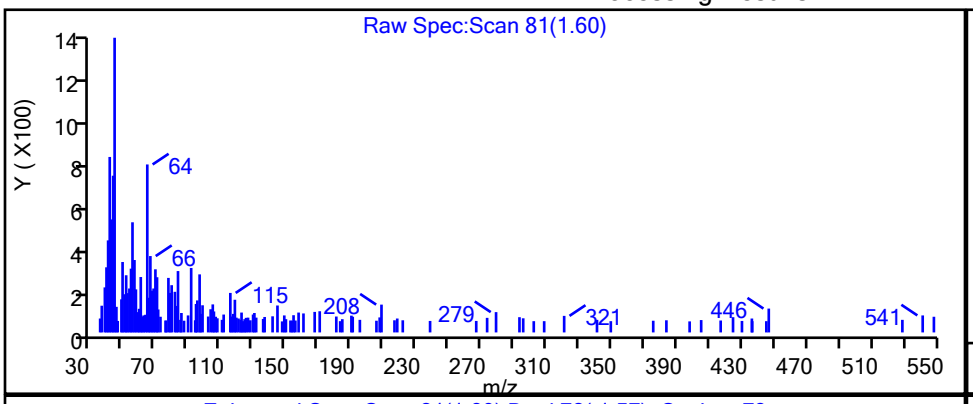
User Disabled Compound Report

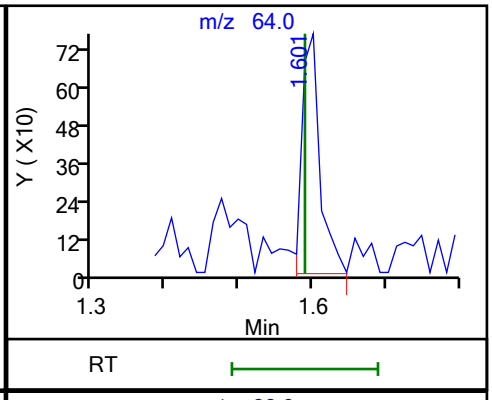
Eurofins Edison

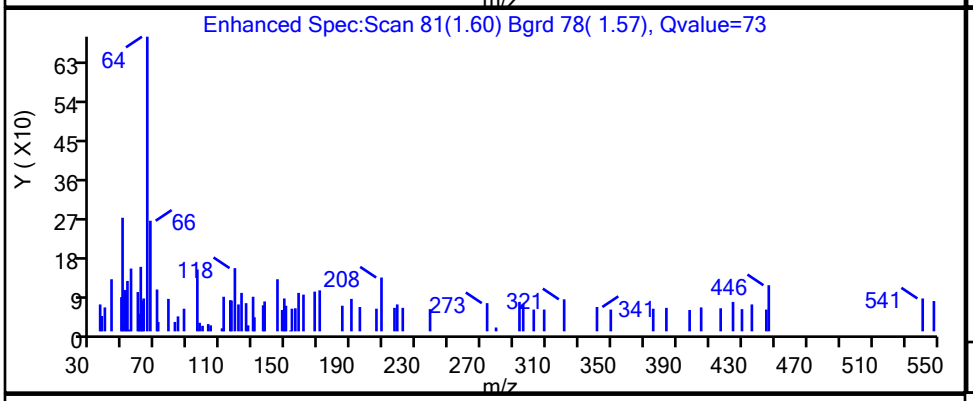
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

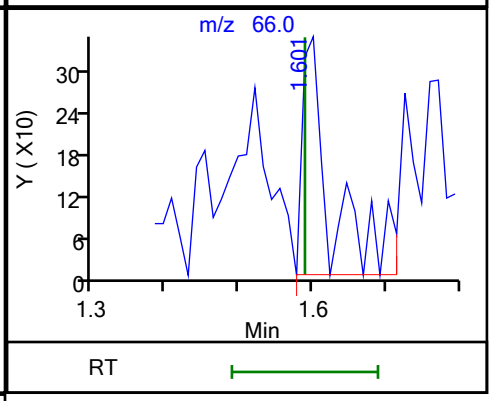
8 Chloroethane, CAS: 75-00-3

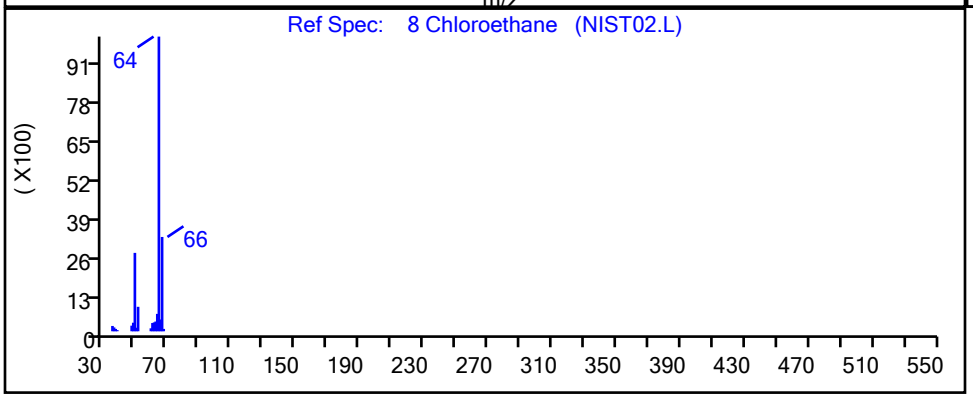
Processing Results











RT	Mass	Response	Amount
1.60	64.00	1280	0.479568
1.60	66.00	958	

Reviewer: HVW2, 20-Apr-2025 05:55:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

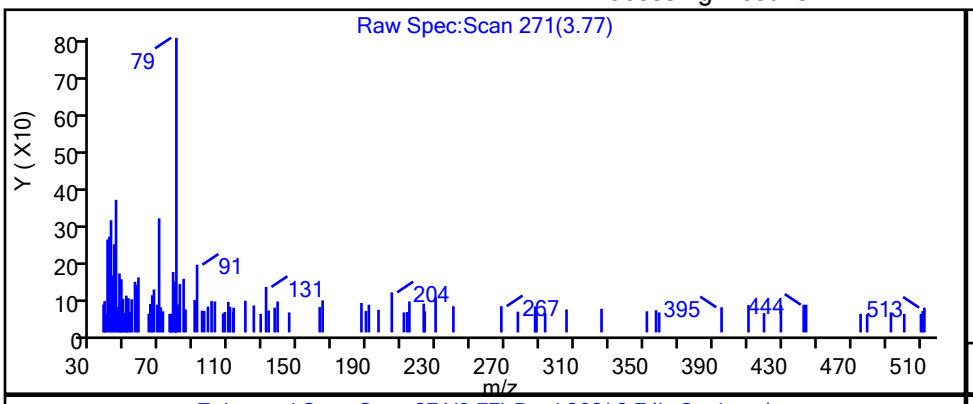
User Disabled Compound Report

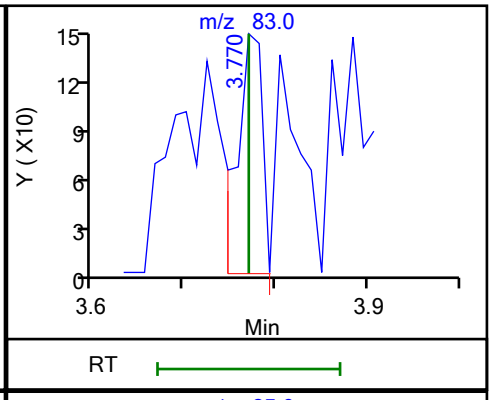
Eurofins Edison

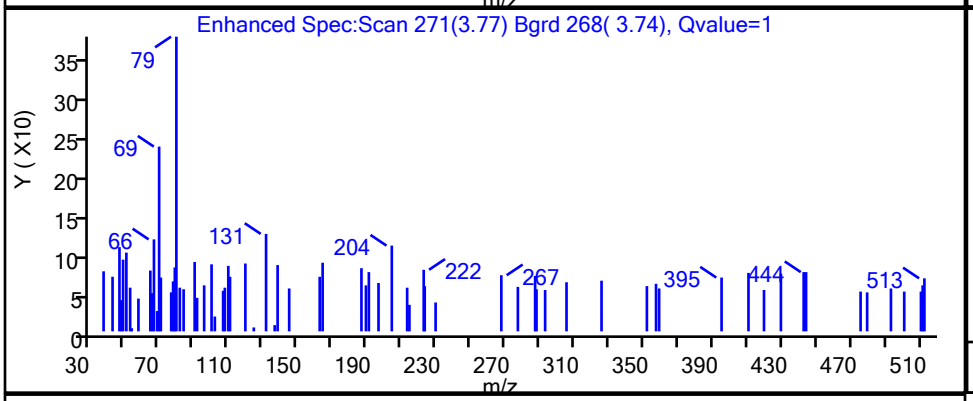
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

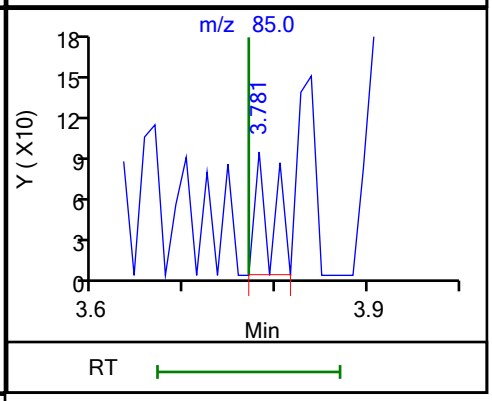
50 Chloroform, CAS: 67-66-3

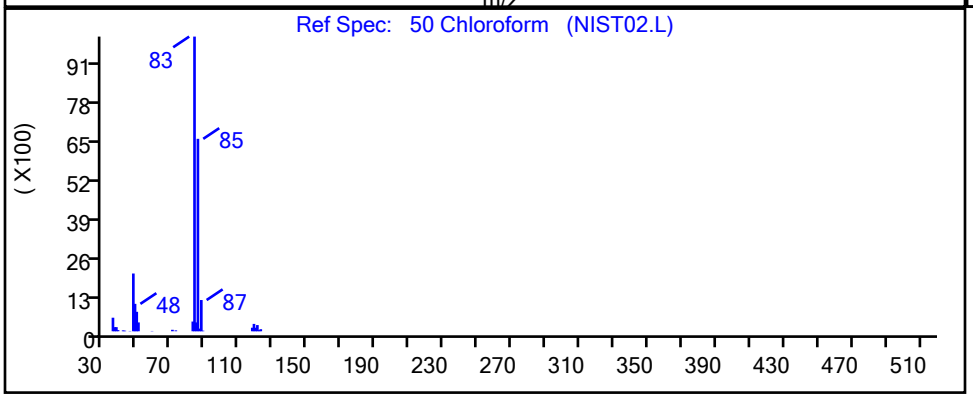
Processing Results











RT	Mass	Response	Amount
3.77	83.00	285	0.052414
3.78	85.00	119	

Reviewer: HVW2, 20-Apr-2025 05:56:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

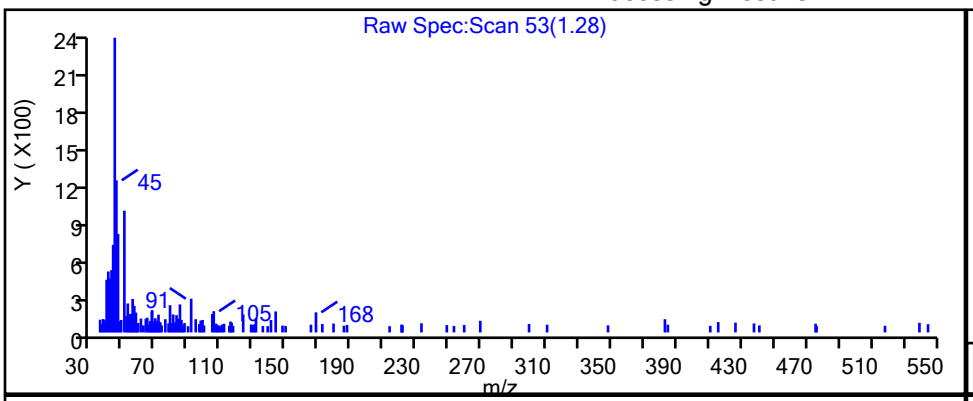
User Disabled Compound Report

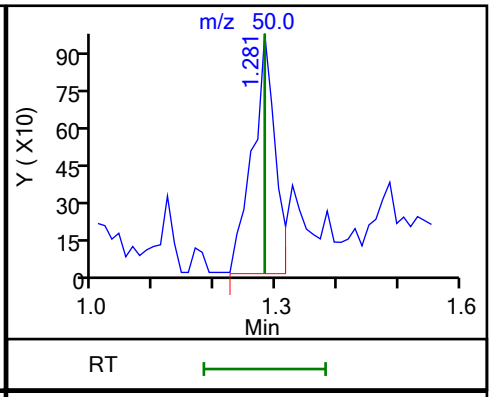
Eurofins Edison

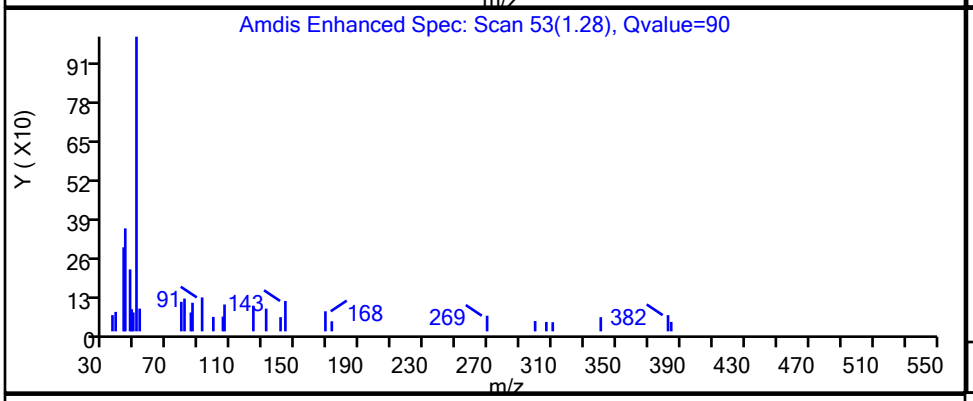
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

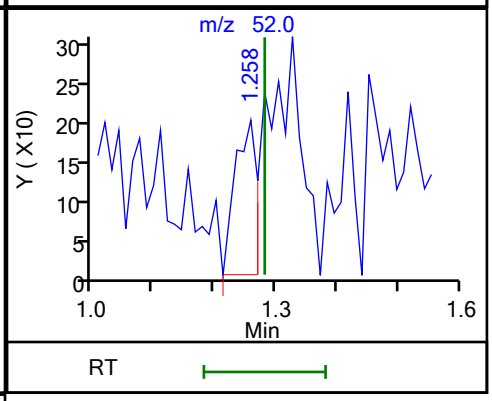
4 Chloromethane, CAS: 74-87-3

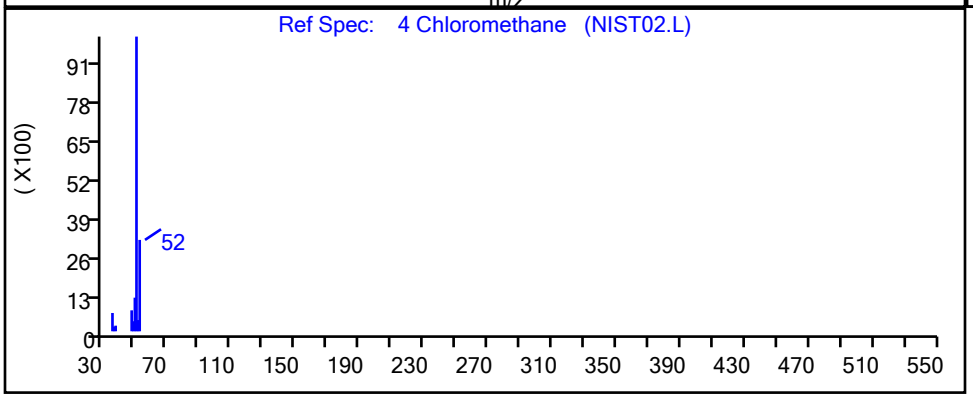
Processing Results











RT	Mass	Response	Amount
1.28	50.00	2499	0.473314
1.26	52.00	489	

Reviewer: HVW2, 20-Apr-2025 05:55:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

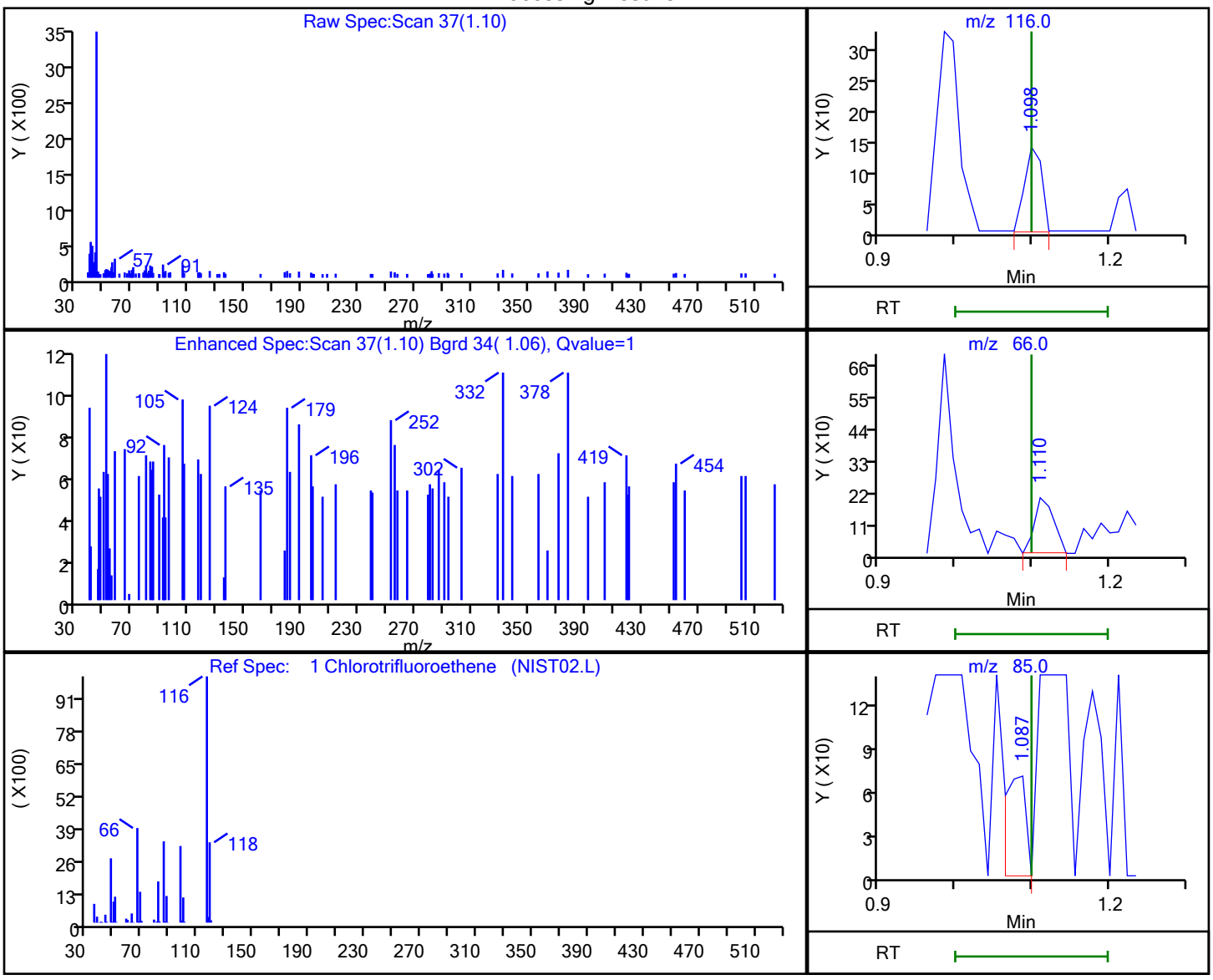
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.10	116.00	216	0.266518
1.11	66.00	344	
1.09	85.00	127	
1.09	118.00	164	

Reviewer: HVW2, 20-Apr-2025 05:55:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

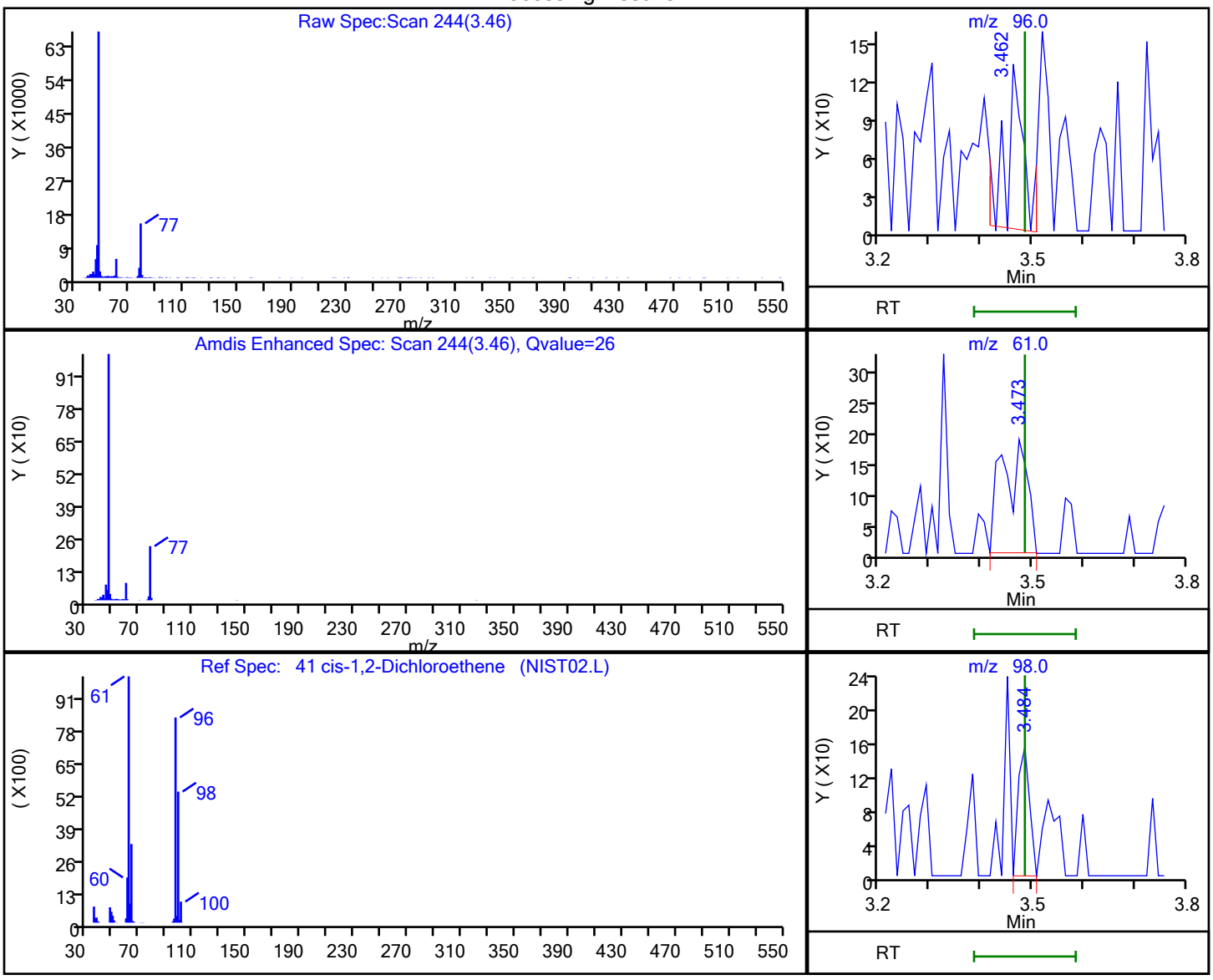
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.46	96.00	320	0.103323
3.47	61.00	636	
3.48	98.00	237	

Reviewer: HVW2, 20-Apr-2025 05:56:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

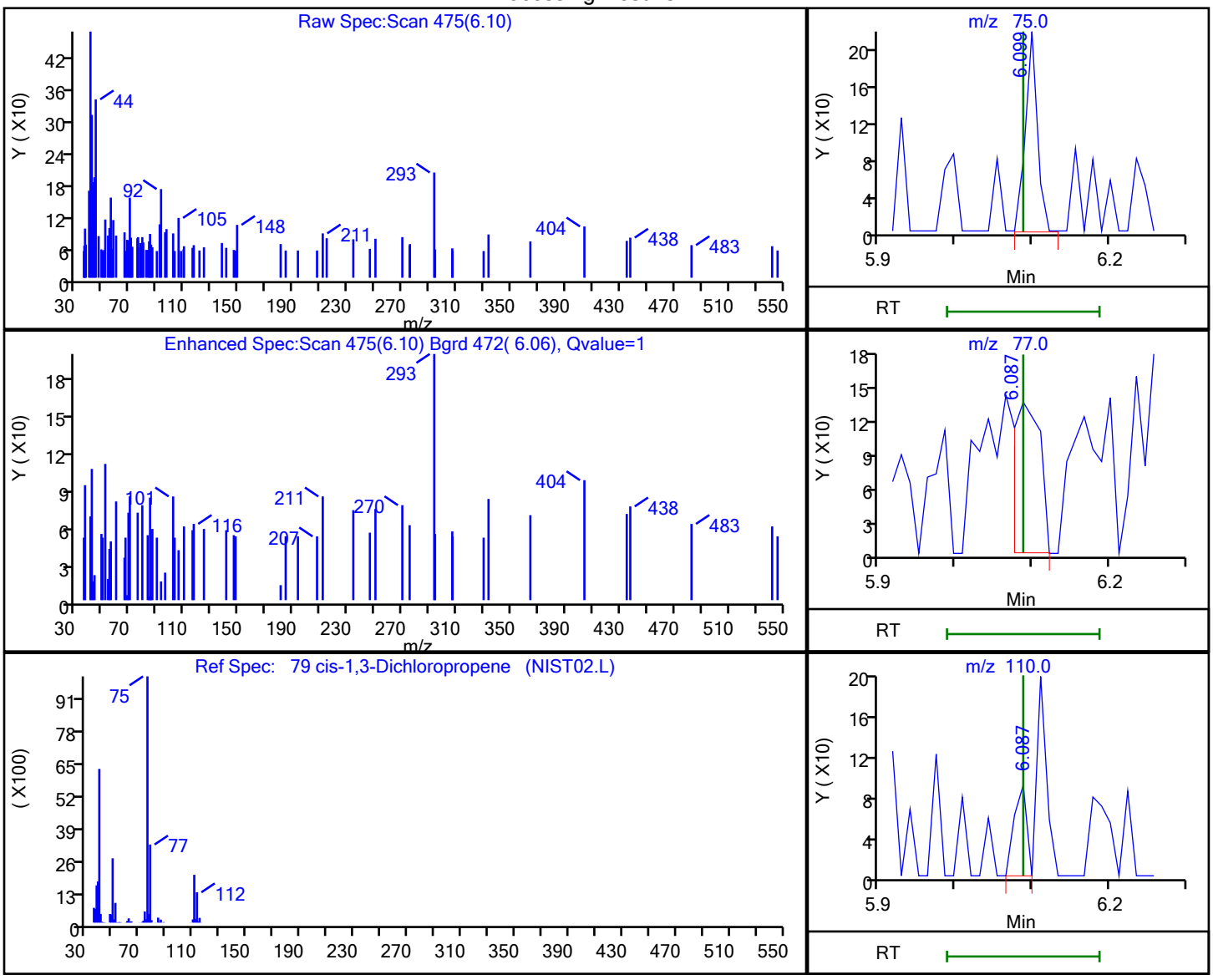
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.10	75.00	239	0.043817
6.09	77.00	327	
6.09	110.00	104	

Reviewer: HVW2, 20-Apr-2025 05:57:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

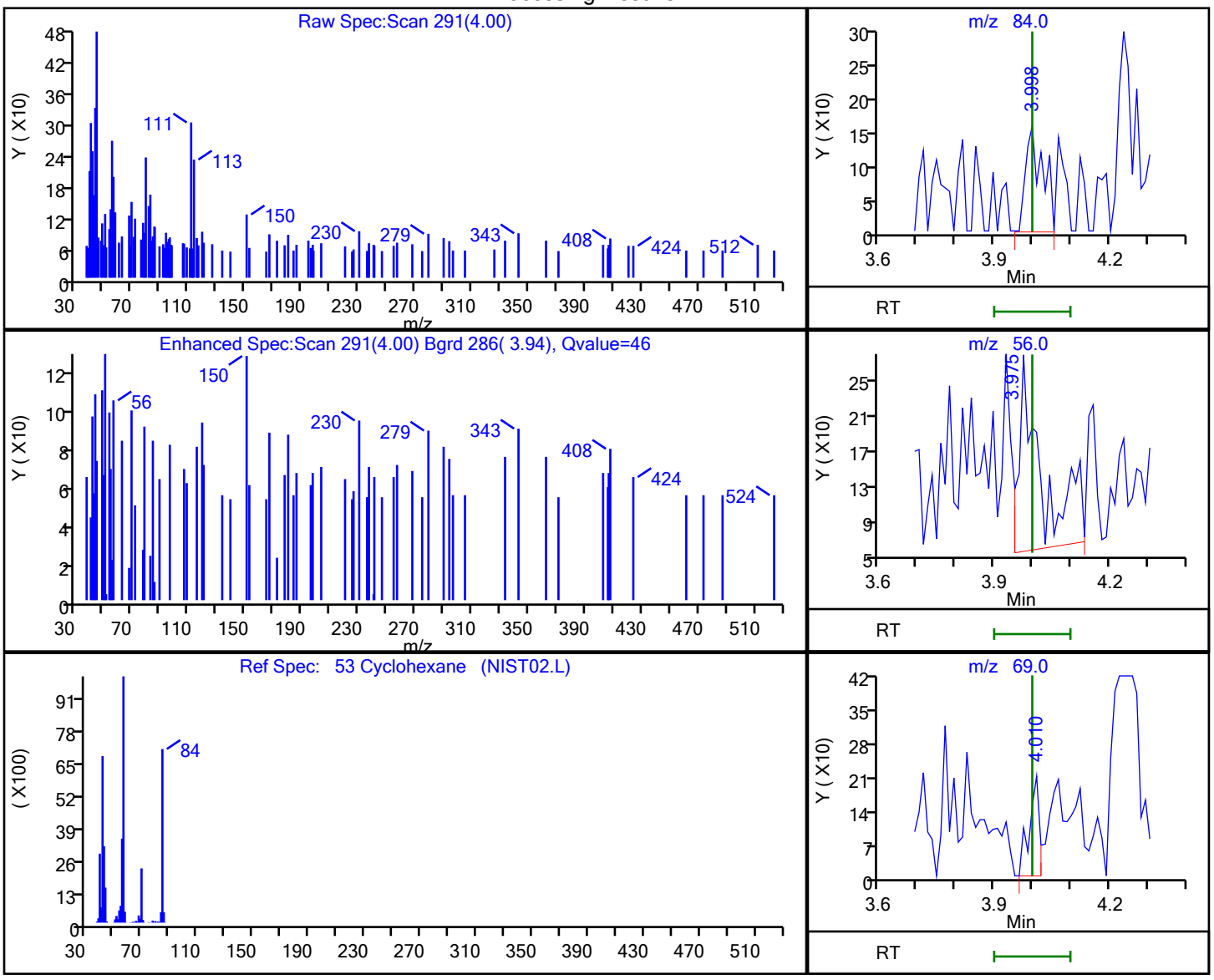
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.00	84.00	475	0.104271
3.98	56.00	890	
4.01	69.00	388	

Reviewer: HVW2, 20-Apr-2025 05:56:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

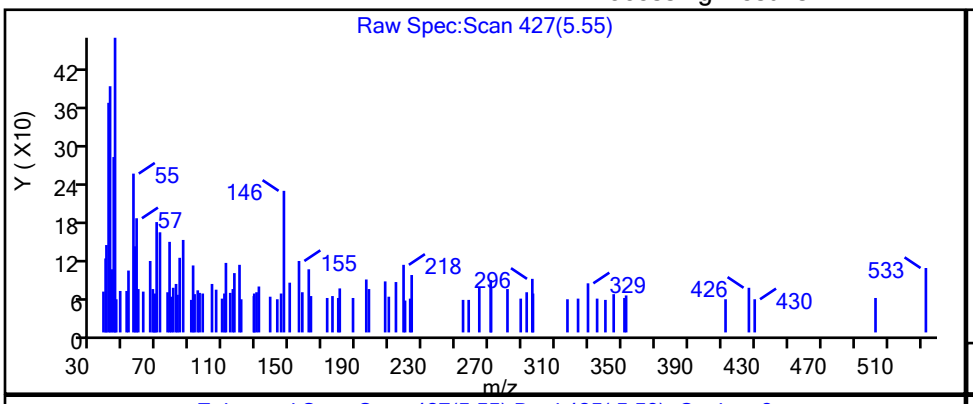
User Disabled Compound Report

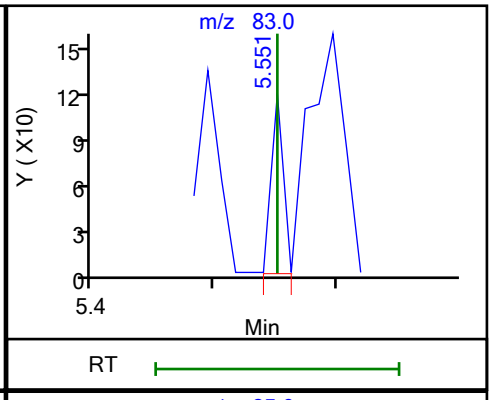
Eurofins Edison

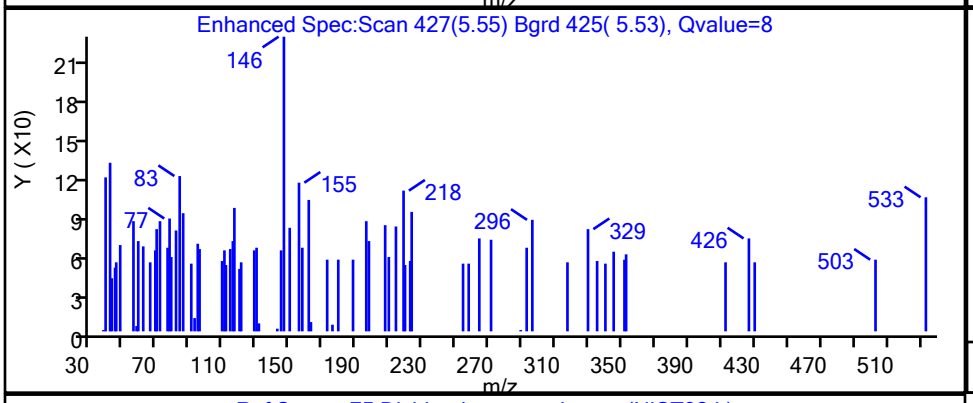
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

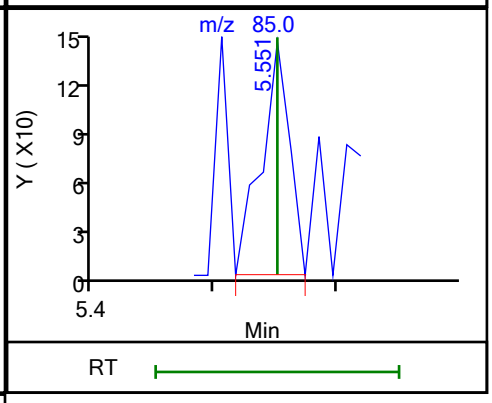
75 Dichlorobromomethane, CAS: 75-27-4

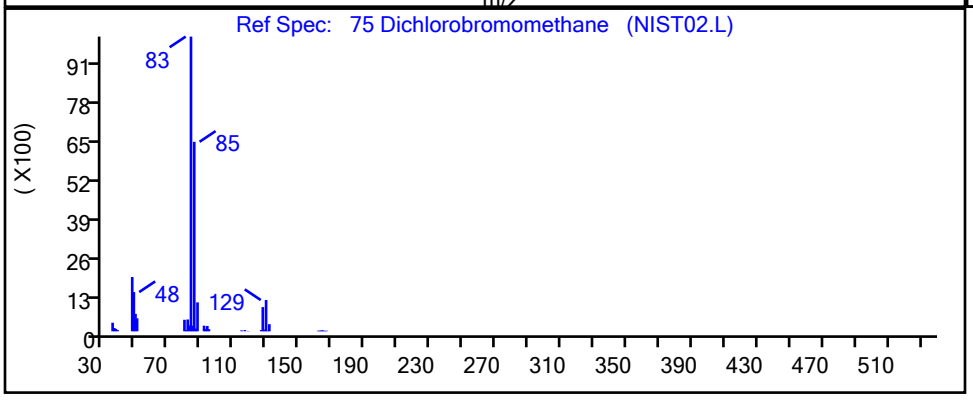
Processing Results











RT	Mass	Response	Amount
5.55	83.00	80	0.018055
5.55	85.00	234	

Reviewer: HVW2, 20-Apr-2025 05:57:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

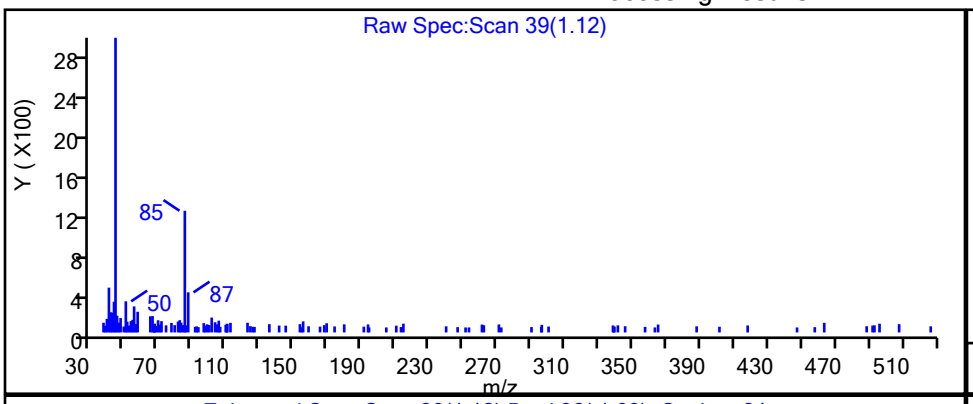
User Disabled Compound Report

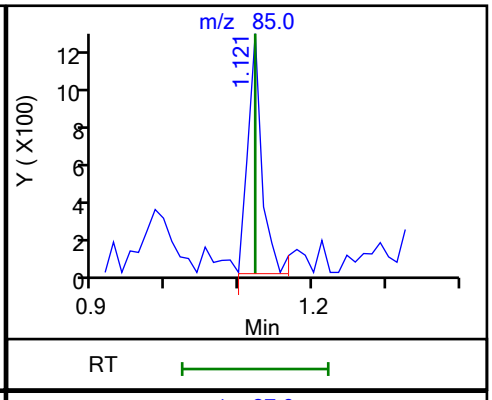
Eurofins Edison

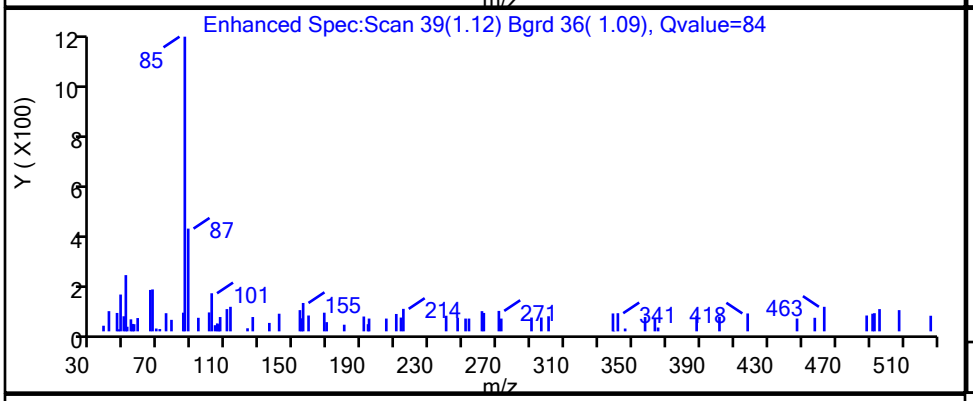
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

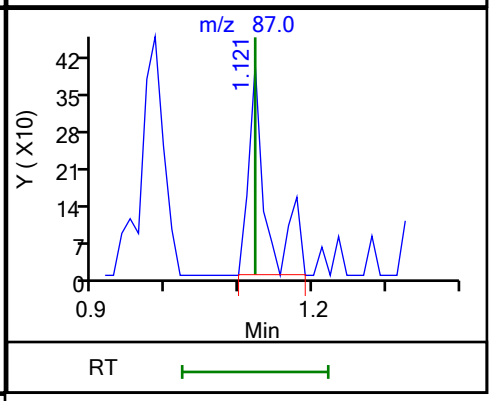
2 Dichlorodifluoromethane, CAS: 75-71-8

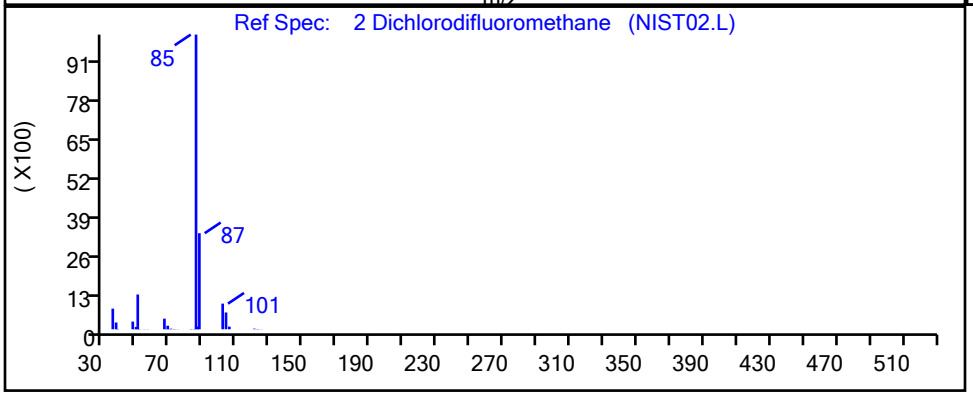
Processing Results











RT	Mass	Response	Amount
1.12	85.00	1713	0.387012
1.12	87.00	673	

Reviewer: HVW2, 20-Apr-2025 05:55:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

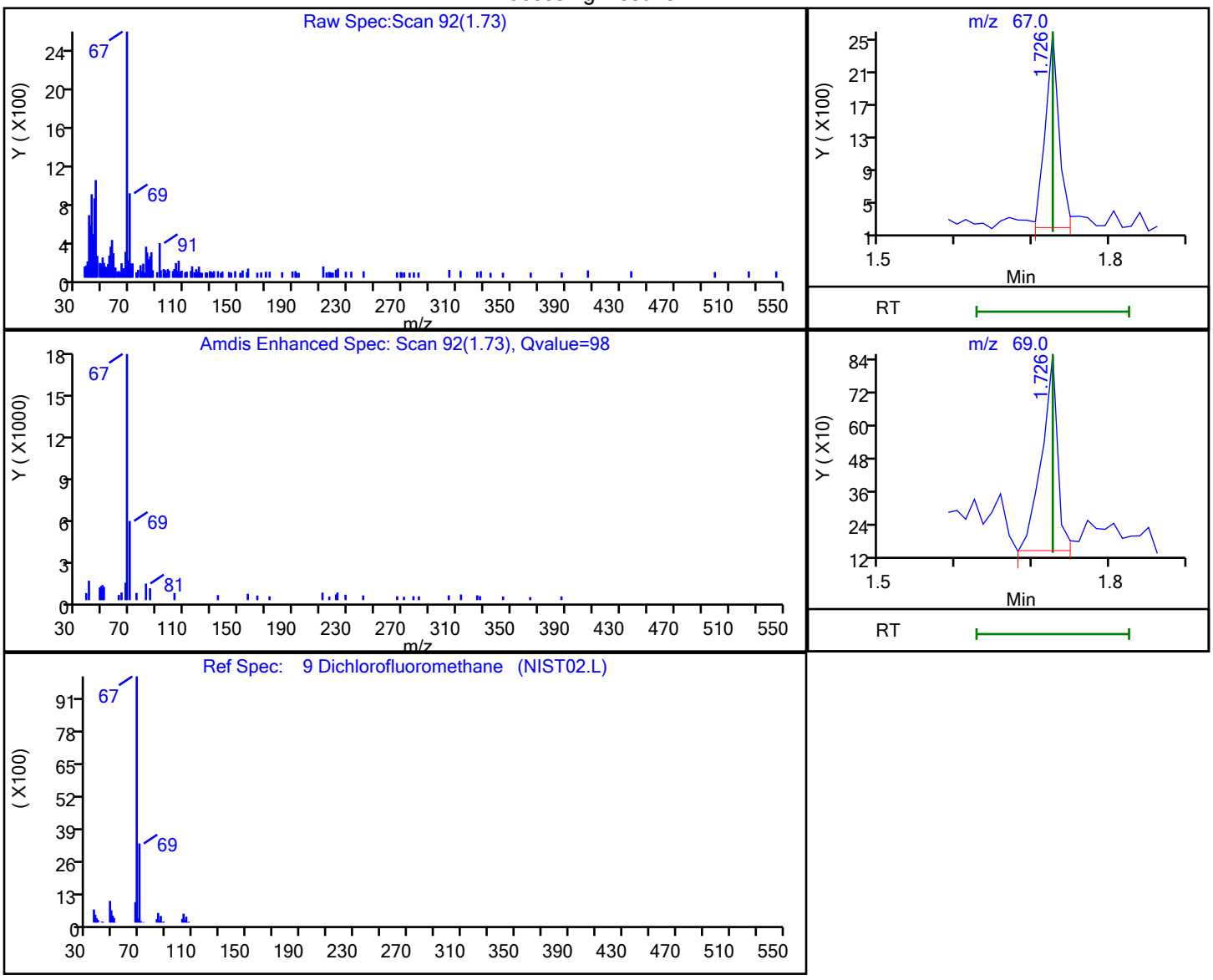
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.73	67.00	2946	0.428409
1.73	69.00	1046	

Reviewer: HVW2, 20-Apr-2025 05:55:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

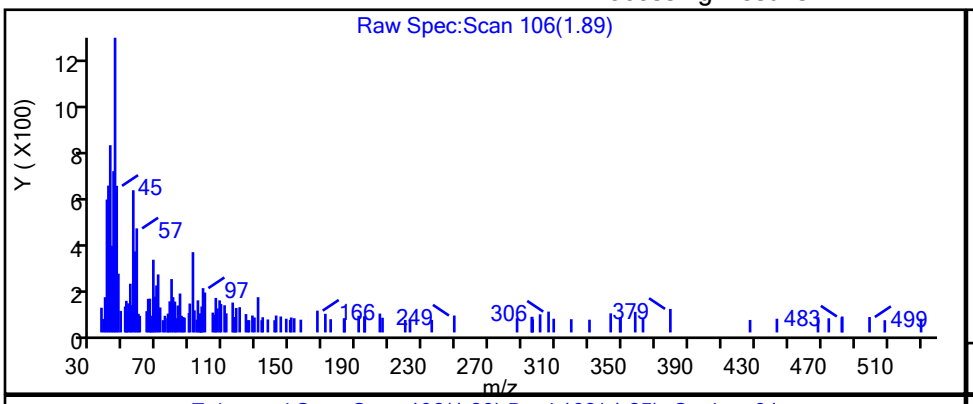
User Disabled Compound Report

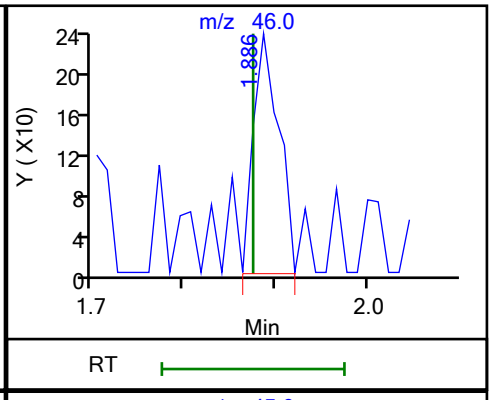
Eurofins Edison

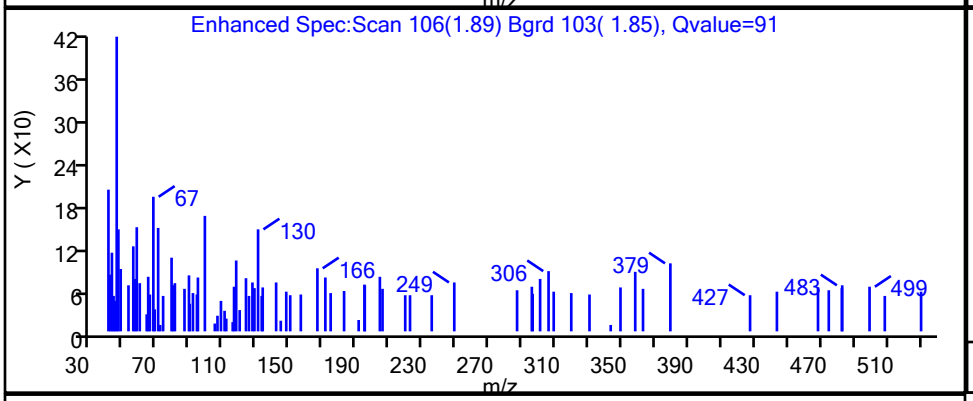
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

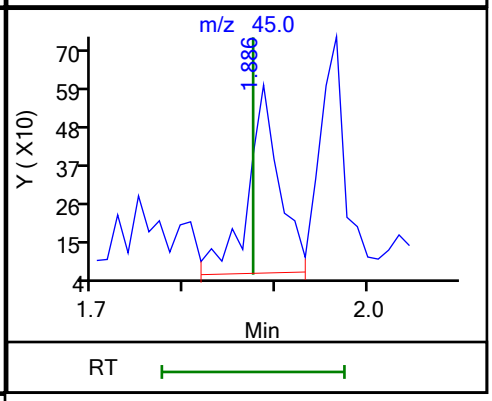
12 Ethanol, CAS: 64-17-5

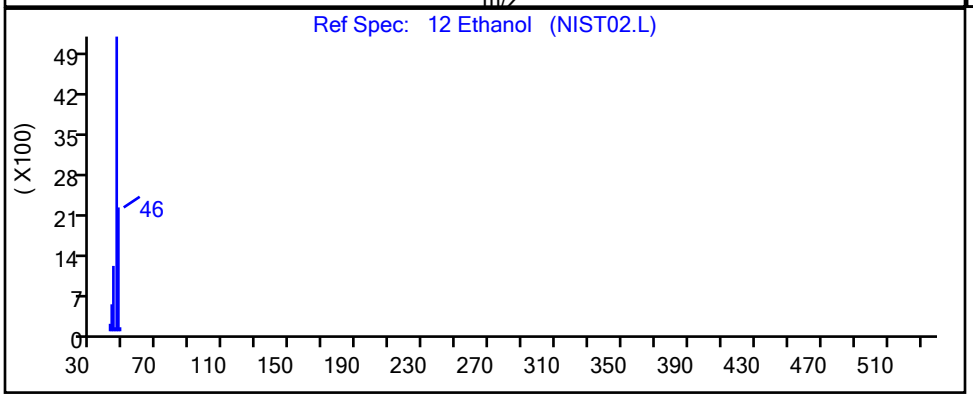
Processing Results











RT	Mass	Response	Amount
1.89	46.00	463	51.115308
1.89	45.00	1340	

Reviewer: HVW2, 20-Apr-2025 05:55:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

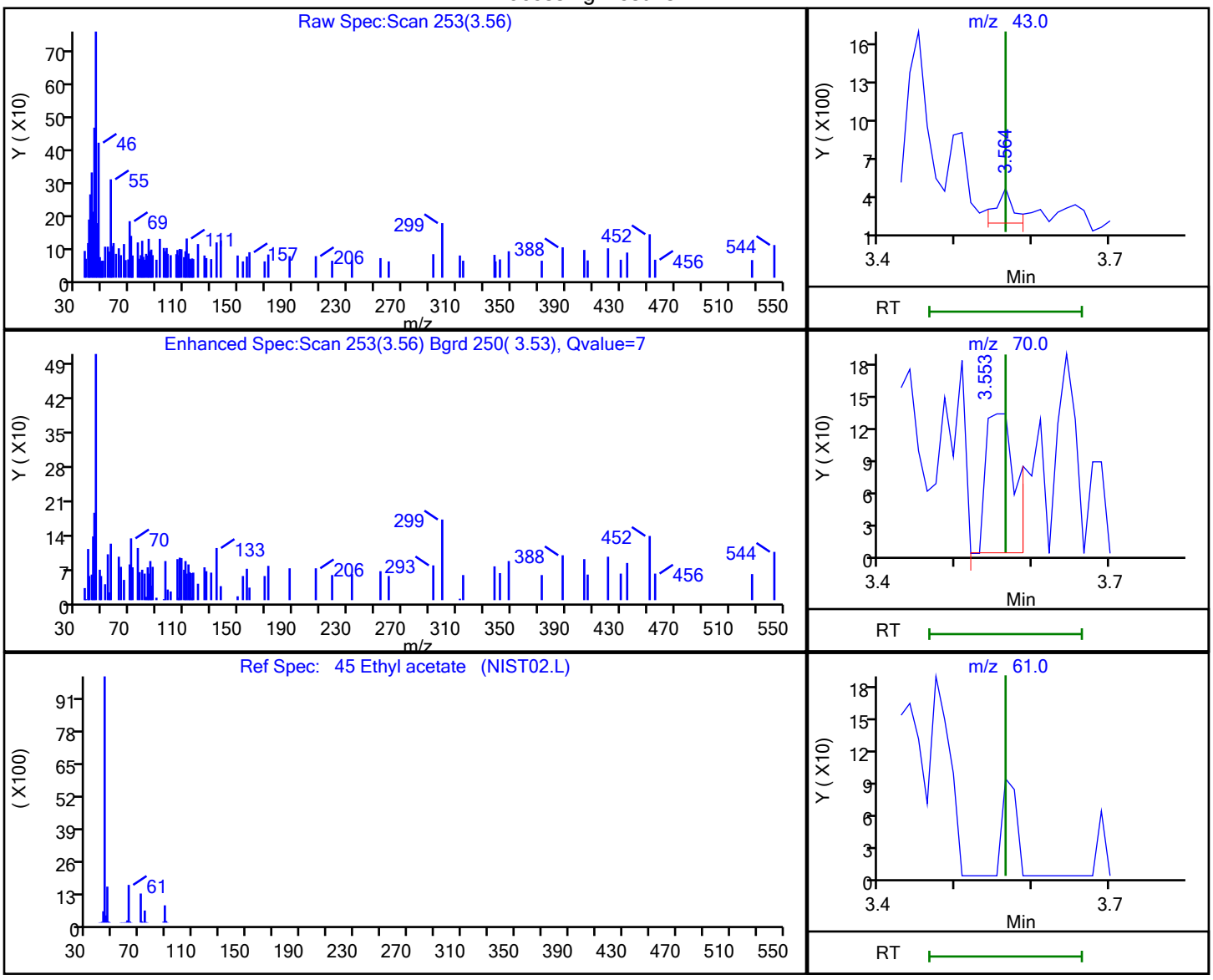
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.56	43.00	431	0.112117
3.55	70.00	352	
3.56	61.00	0	

Reviewer: HVW2, 20-Apr-2025 05:56:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

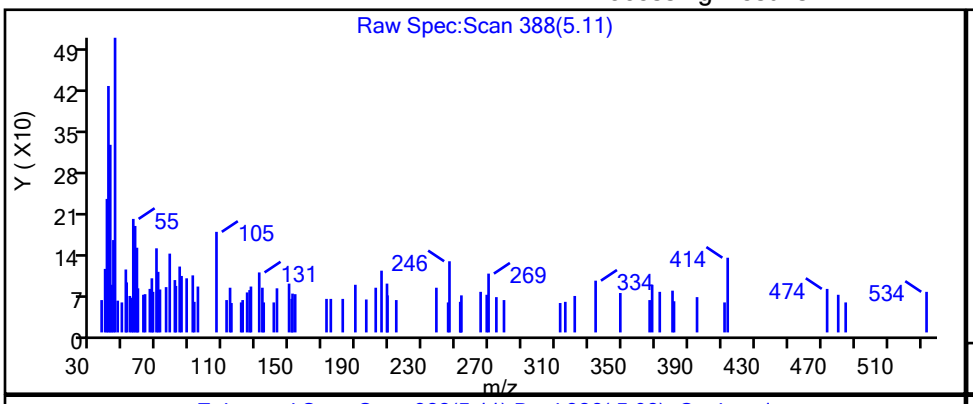
User Disabled Compound Report

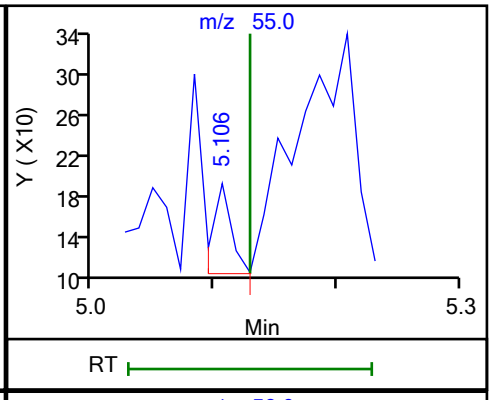
Eurofins Edison

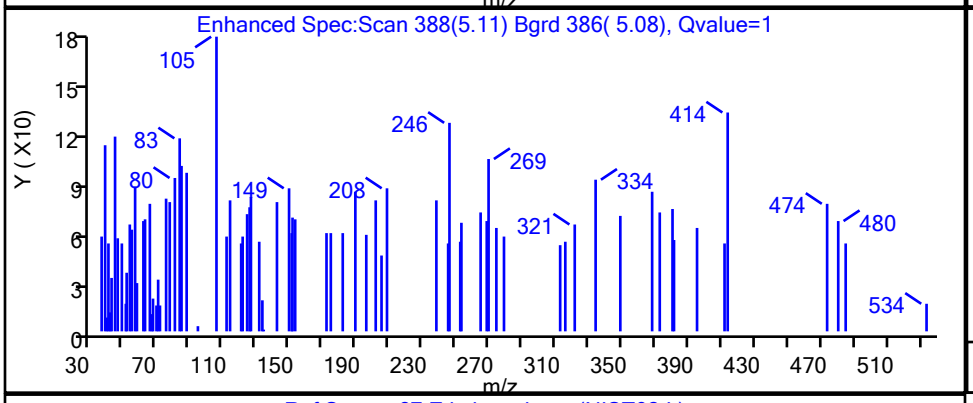
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

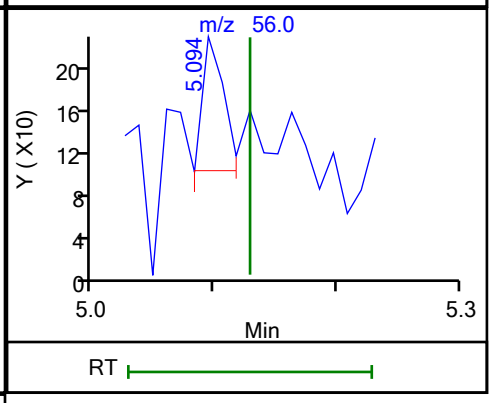
67 Ethyl acrylate, CAS: 140-88-5

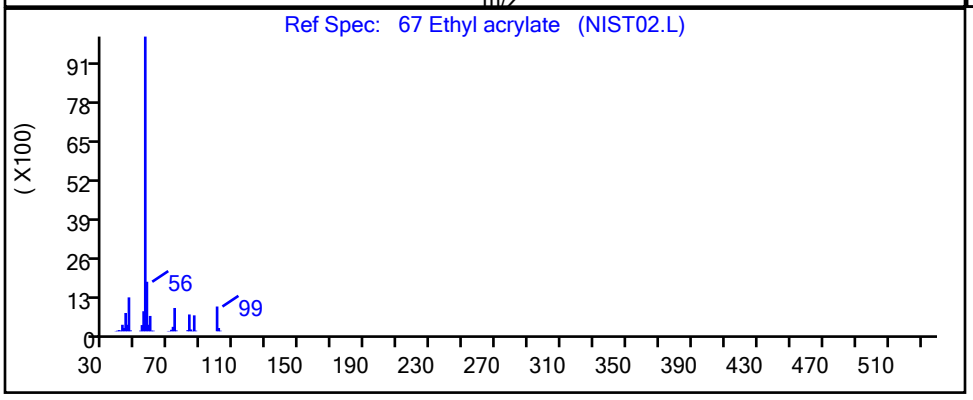
Processing Results











RT	Mass	Response	Amount
5.11	55.00	90	0.019842
5.09	56.00	155	

Reviewer: HVW2, 20-Apr-2025 05:57:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

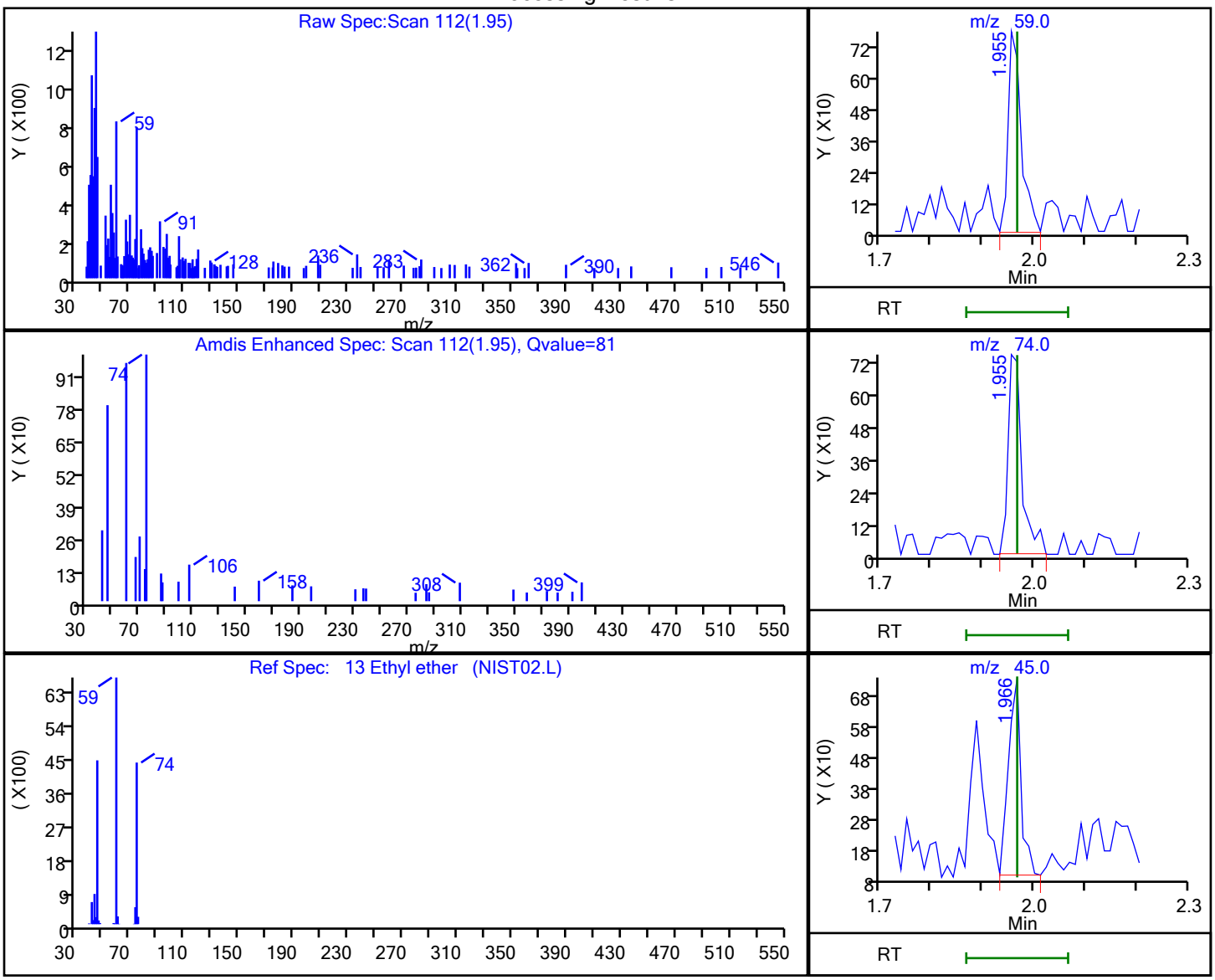
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.95	59.00	1371	0.262105
1.95	74.00	1411	
1.97	45.00	1099	

Reviewer: HVW2, 20-Apr-2025 05:56:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

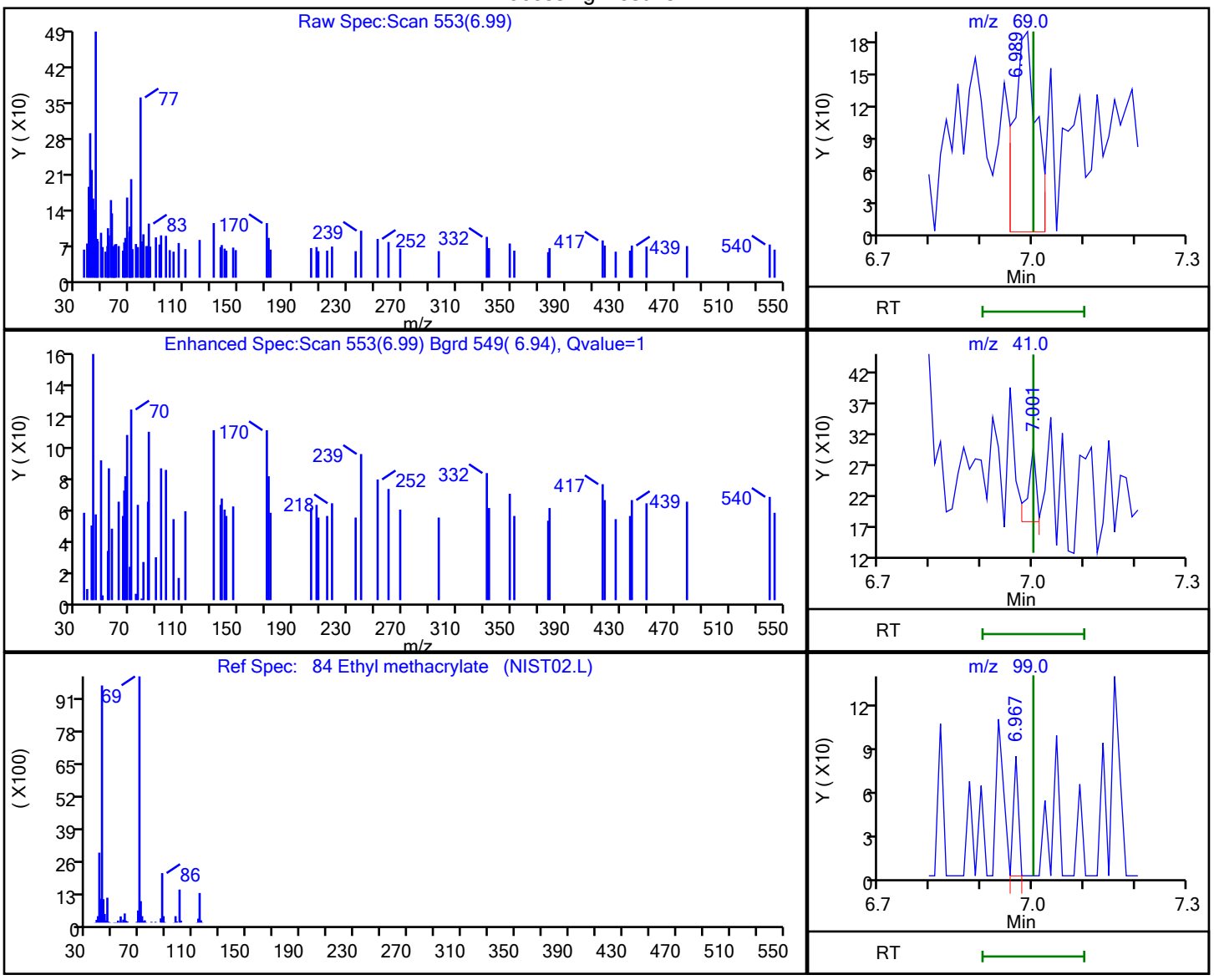
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.99	69.00	579	0.129398
7.00	41.00	134	
6.97	99.00	55	

Reviewer: HVW2, 20-Apr-2025 05:57:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

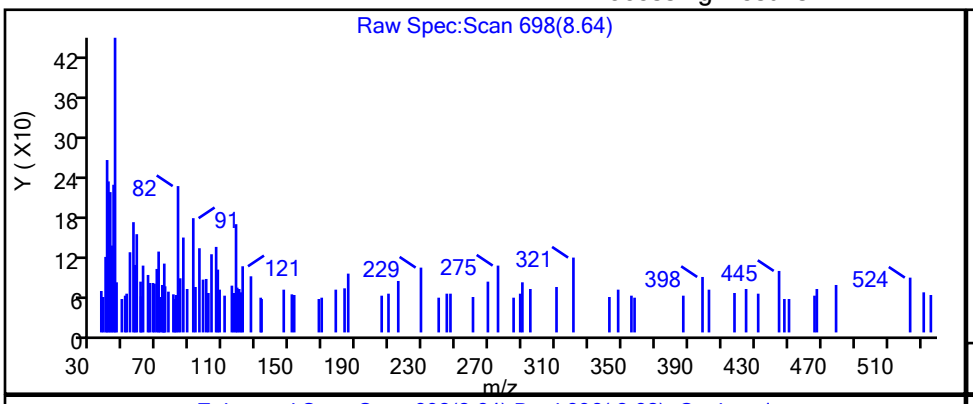
User Disabled Compound Report

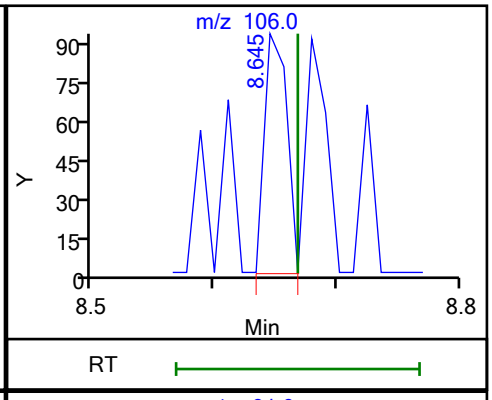
Eurofins Edison

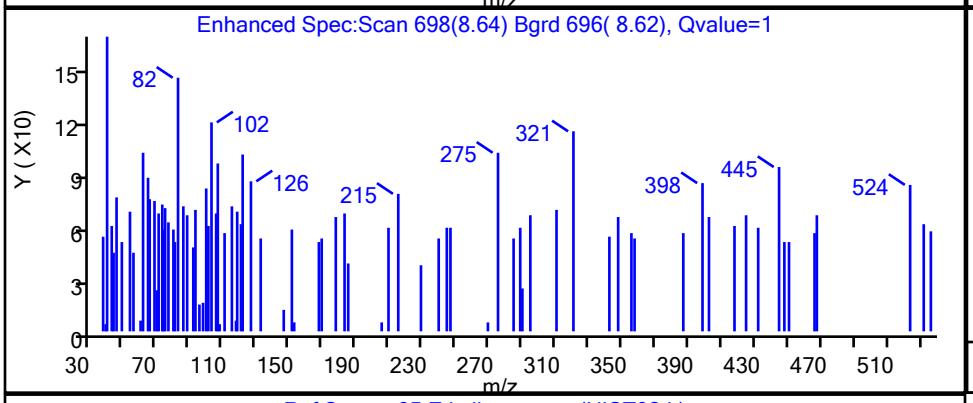
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

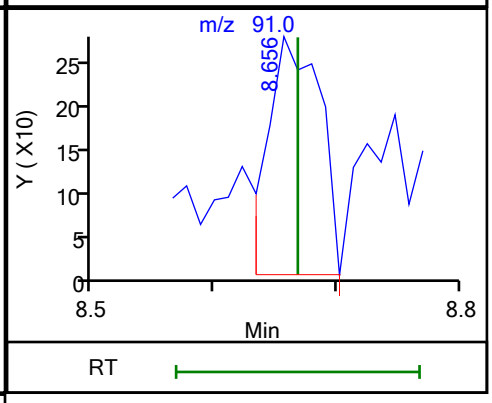
95 Ethylbenzene, CAS: 100-41-4

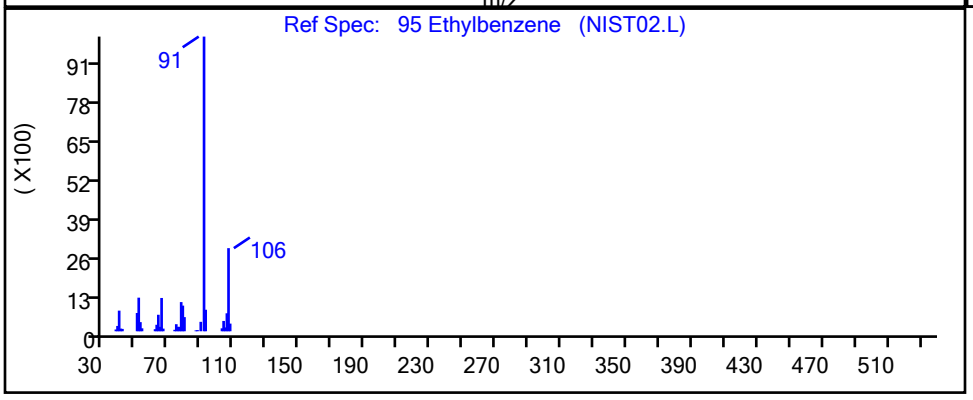
Processing Results











RT	Mass	Response	Amount
8.64	106.00	120	0.026184
8.66	91.00	824	

Reviewer: HVW2, 20-Apr-2025 05:57:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

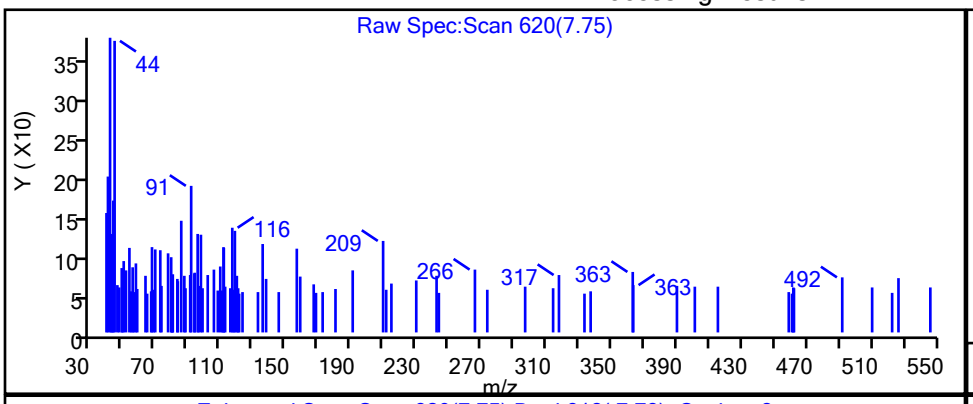
User Disabled Compound Report

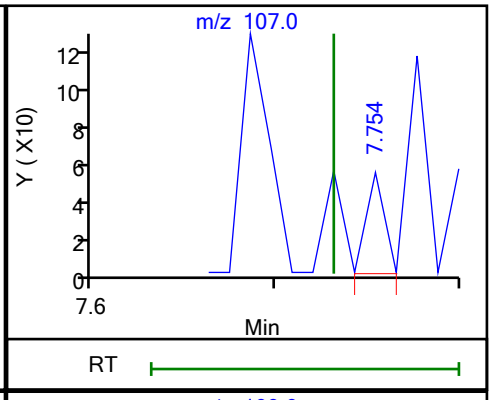
Eurofins Edison

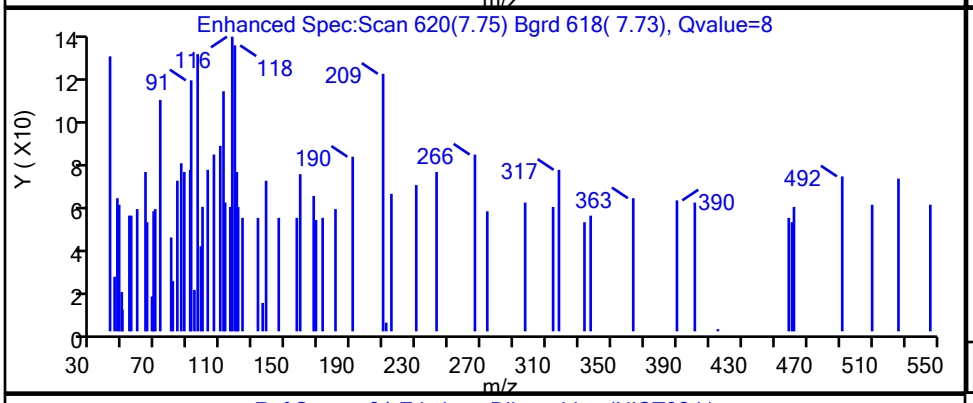
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

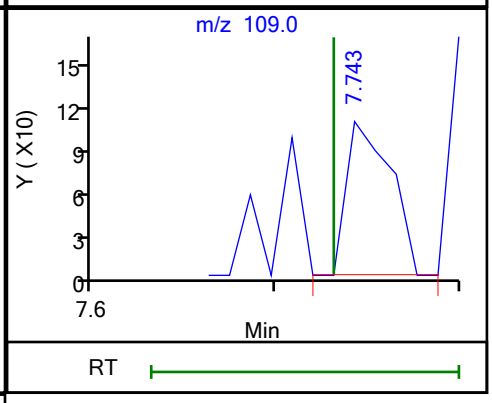
91 Ethylene Dibromide, CAS: 106-93-4

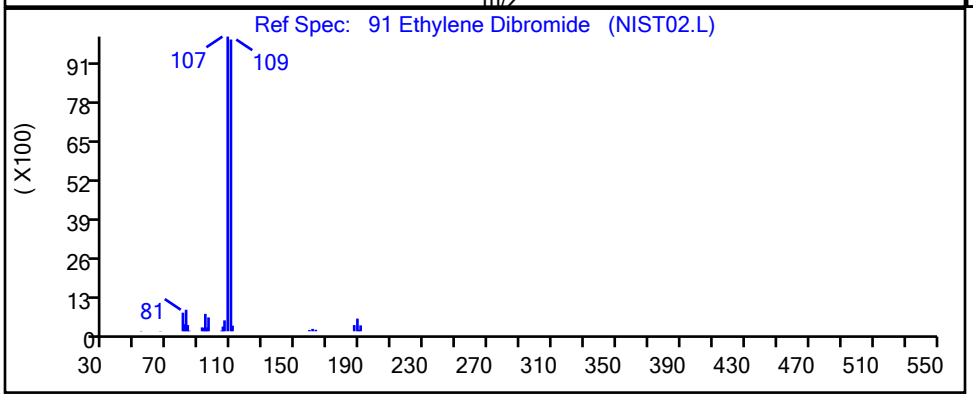
Processing Results











RT	Mass	Response	Amount
7.75	107.00	37	0.013224
7.74	109.00	177	

Reviewer: HVW2, 20-Apr-2025 05:57:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

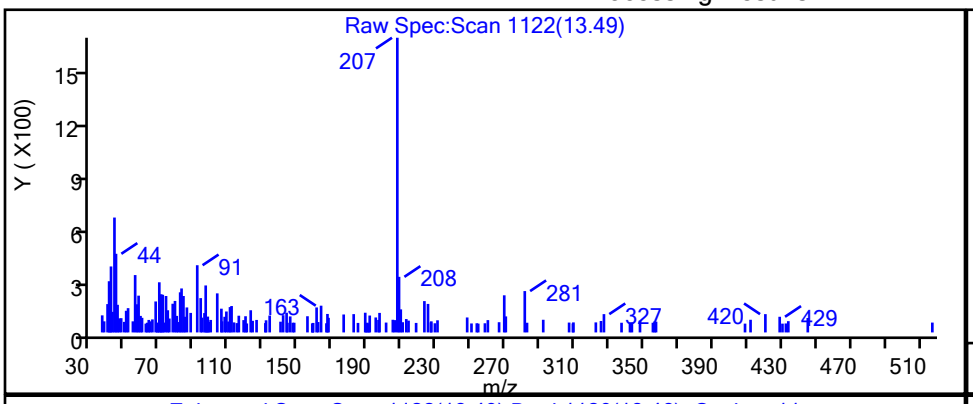
User Disabled Compound Report

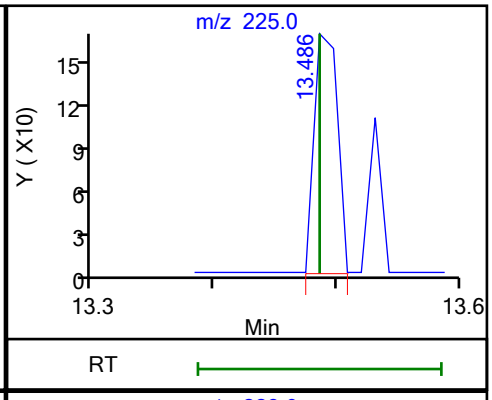
Eurofins Edison

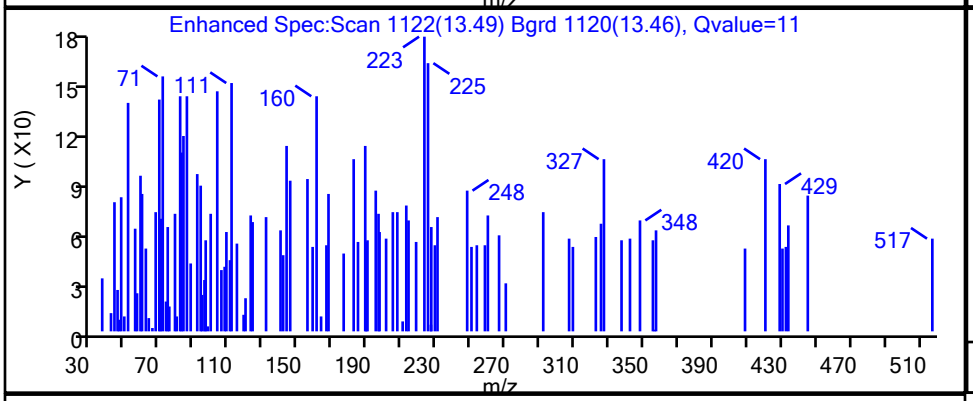
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

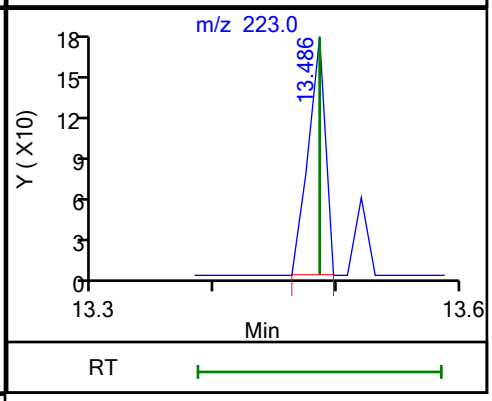
131 Hexachlorobutadiene, CAS: 87-68-3

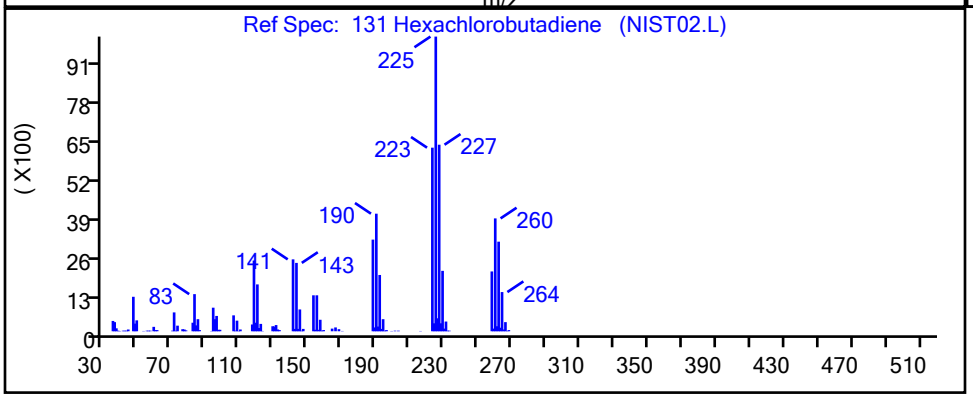
Processing Results











RT	Mass	Response	Amount
13.49	225.00	215	0.175294
13.49	223.00	173	

Reviewer: HVW2, 20-Apr-2025 05:58:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

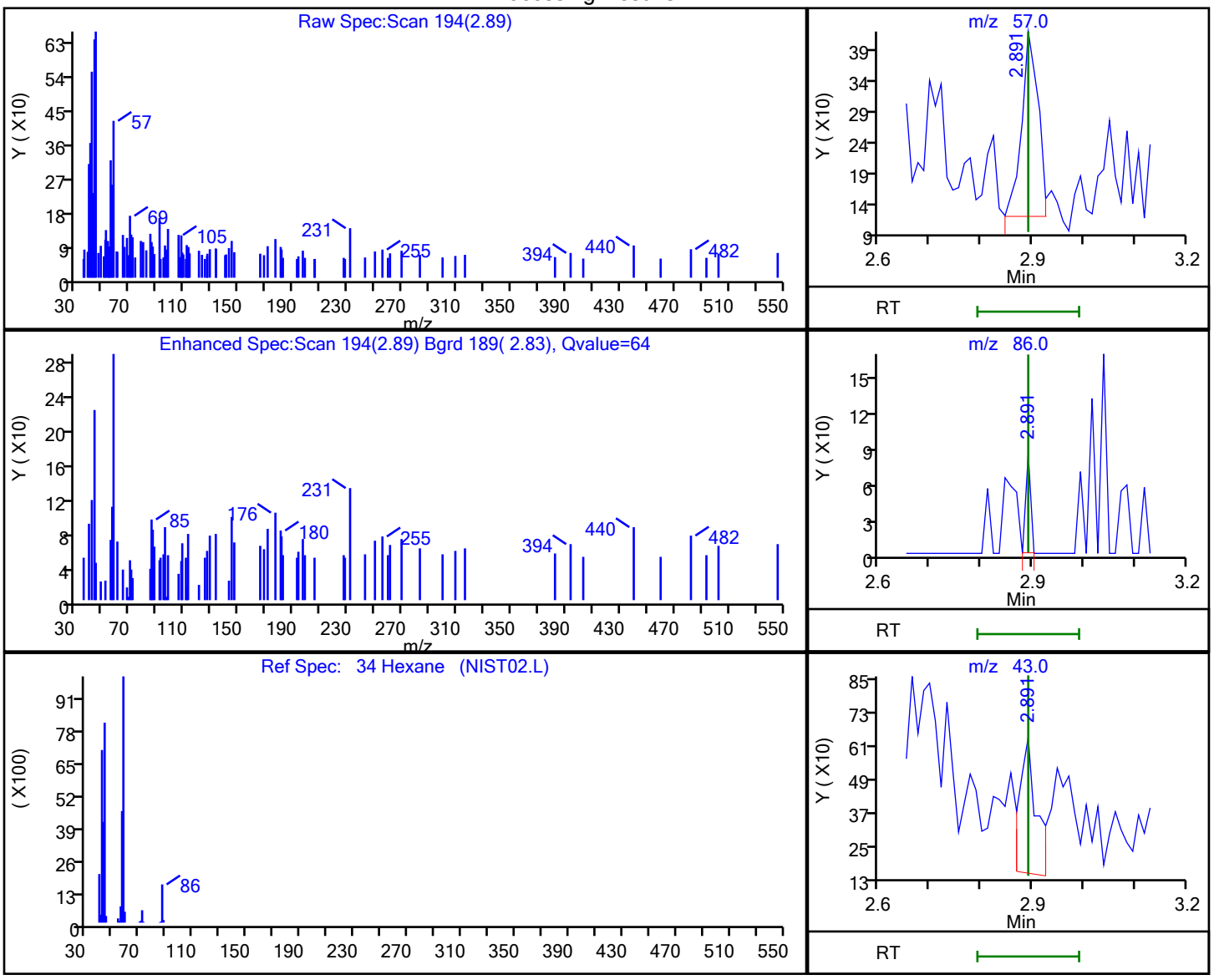
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.89	57.00	679	0.160512
2.89	86.00	57	
2.89	43.00	1143	
2.88	56.00	376	

Reviewer: HVW2, 20-Apr-2025 05:56:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

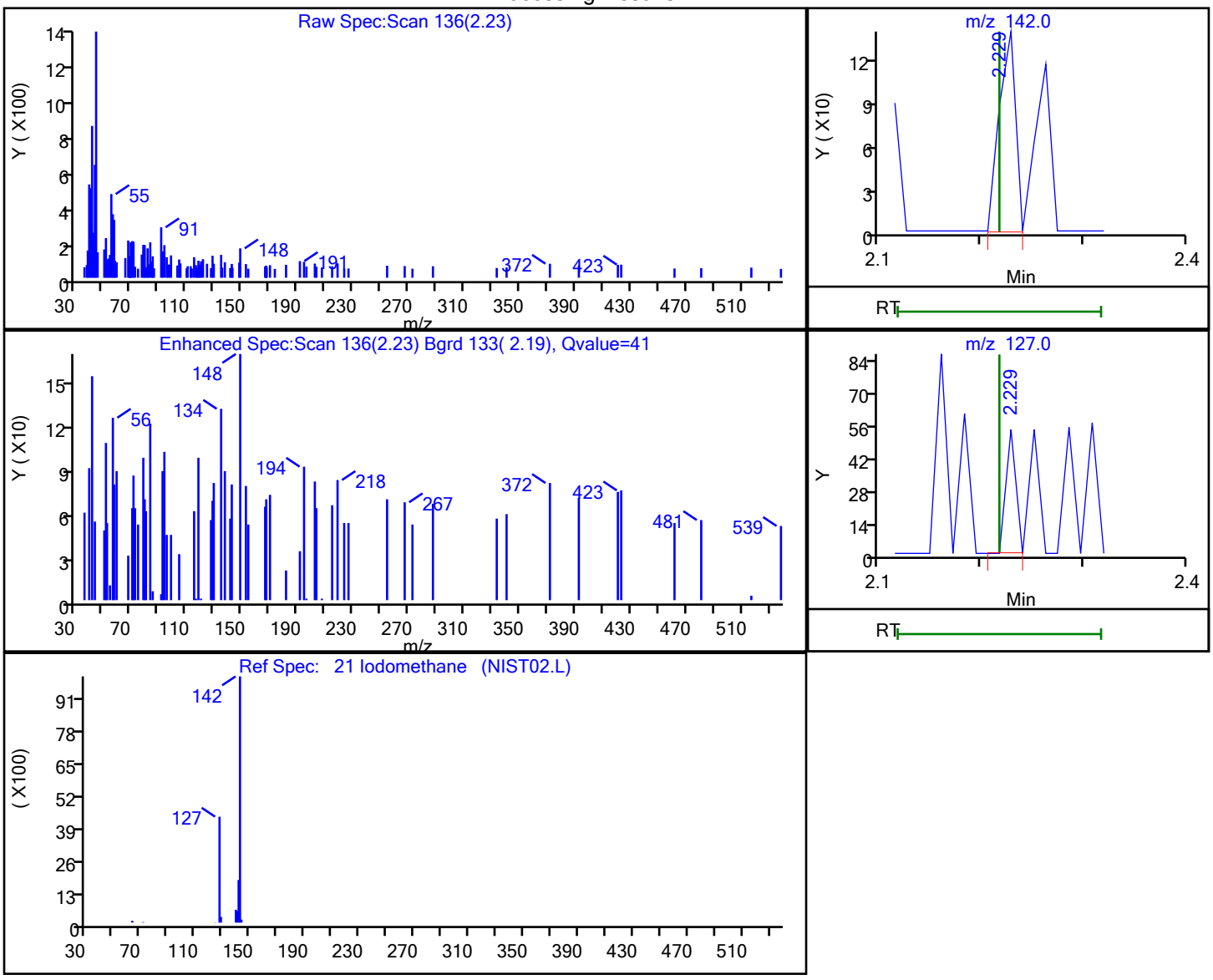
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.23	142.00	149	0.031599
2.23	127.00	37	

Reviewer: HVW2, 20-Apr-2025 05:56:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

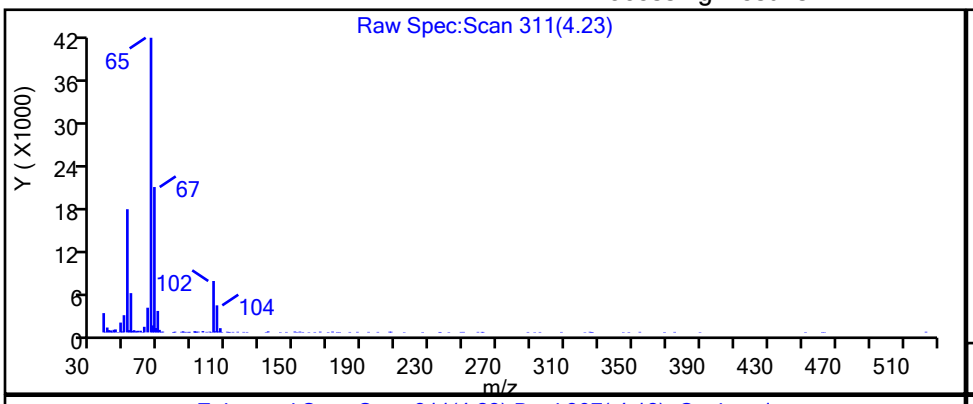
User Disabled Compound Report

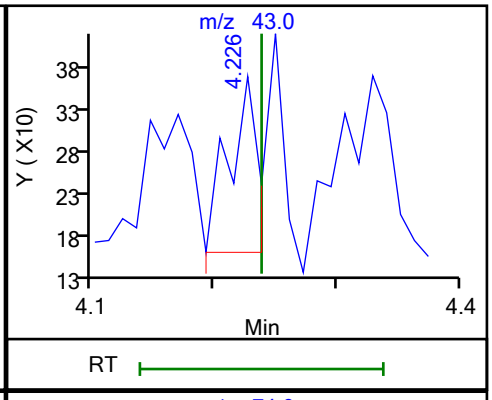
Eurofins Edison

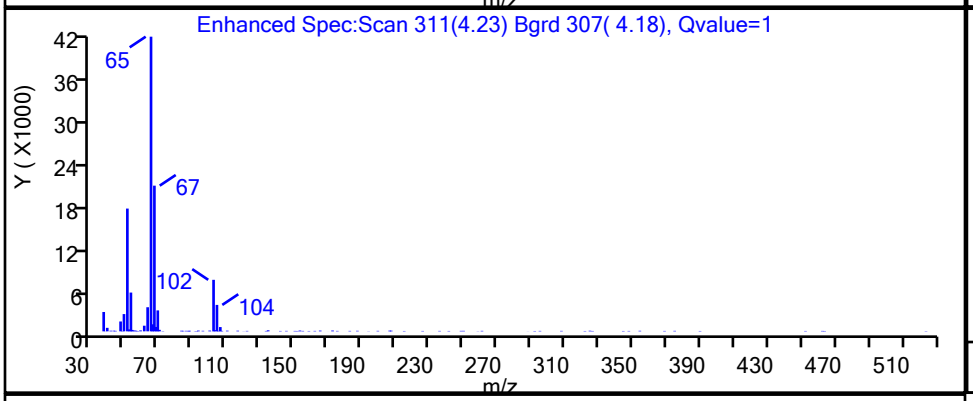
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

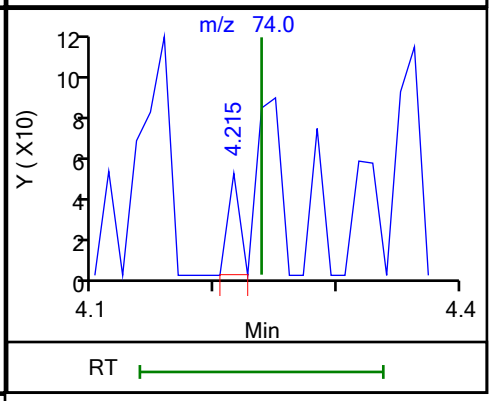
56 Isobutyl alcohol, CAS: 78-83-1

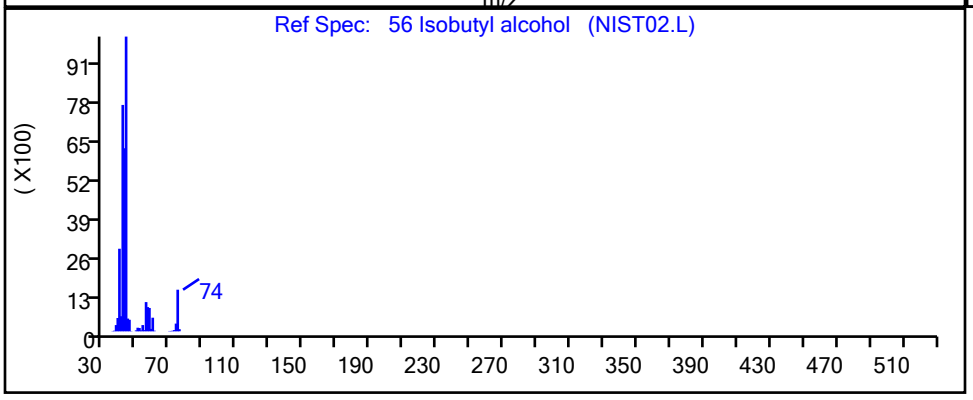
Processing Results











RT	Mass	Response	Amount
4.23	43.00	347	1.966562
4.22	74.00	34	

Reviewer: HVW2, 20-Apr-2025 05:57:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

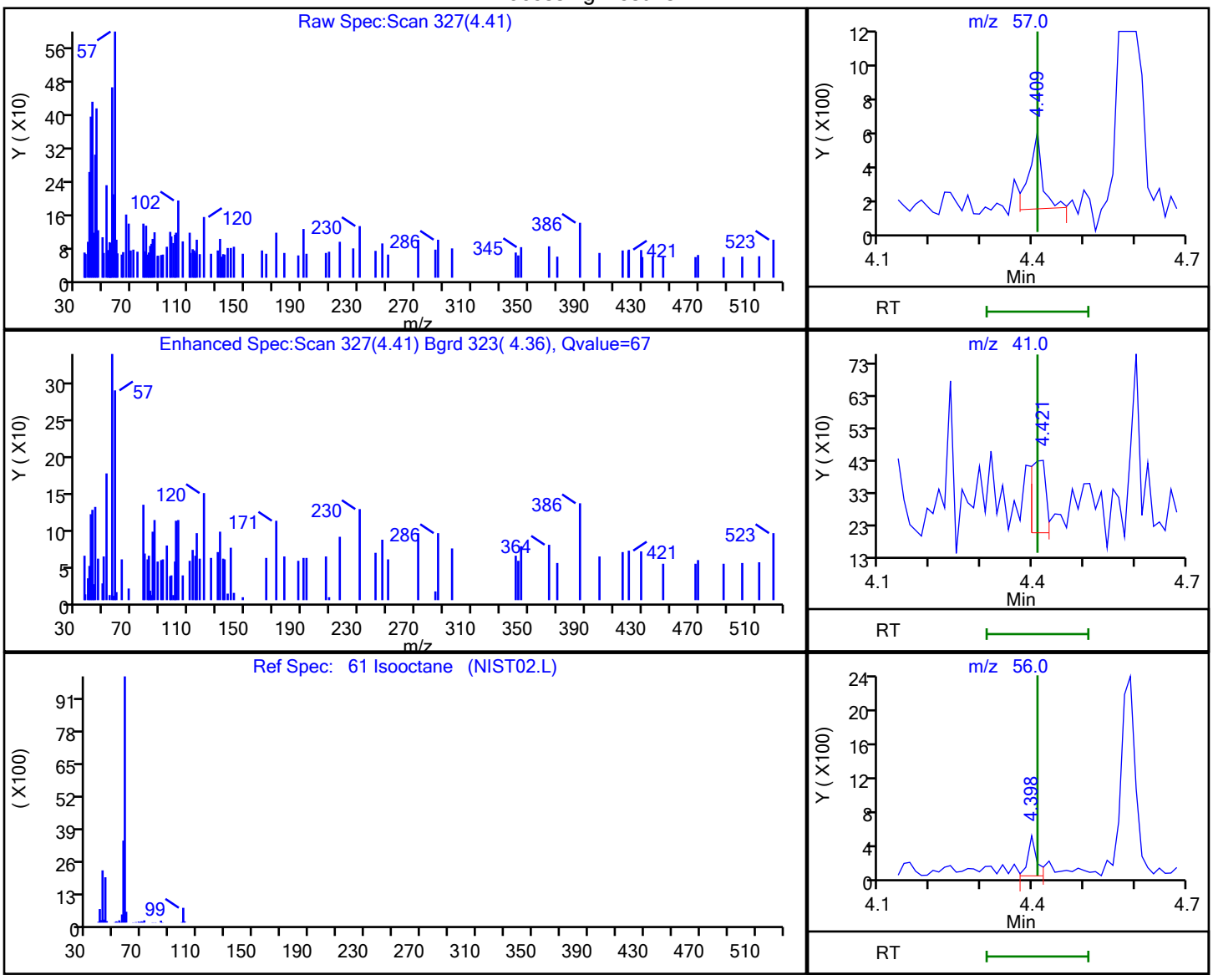
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.41	57.00	836	0.107956
4.42	41.00	472	
4.40	56.00	551	

Reviewer: HVW2, 20-Apr-2025 05:57:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

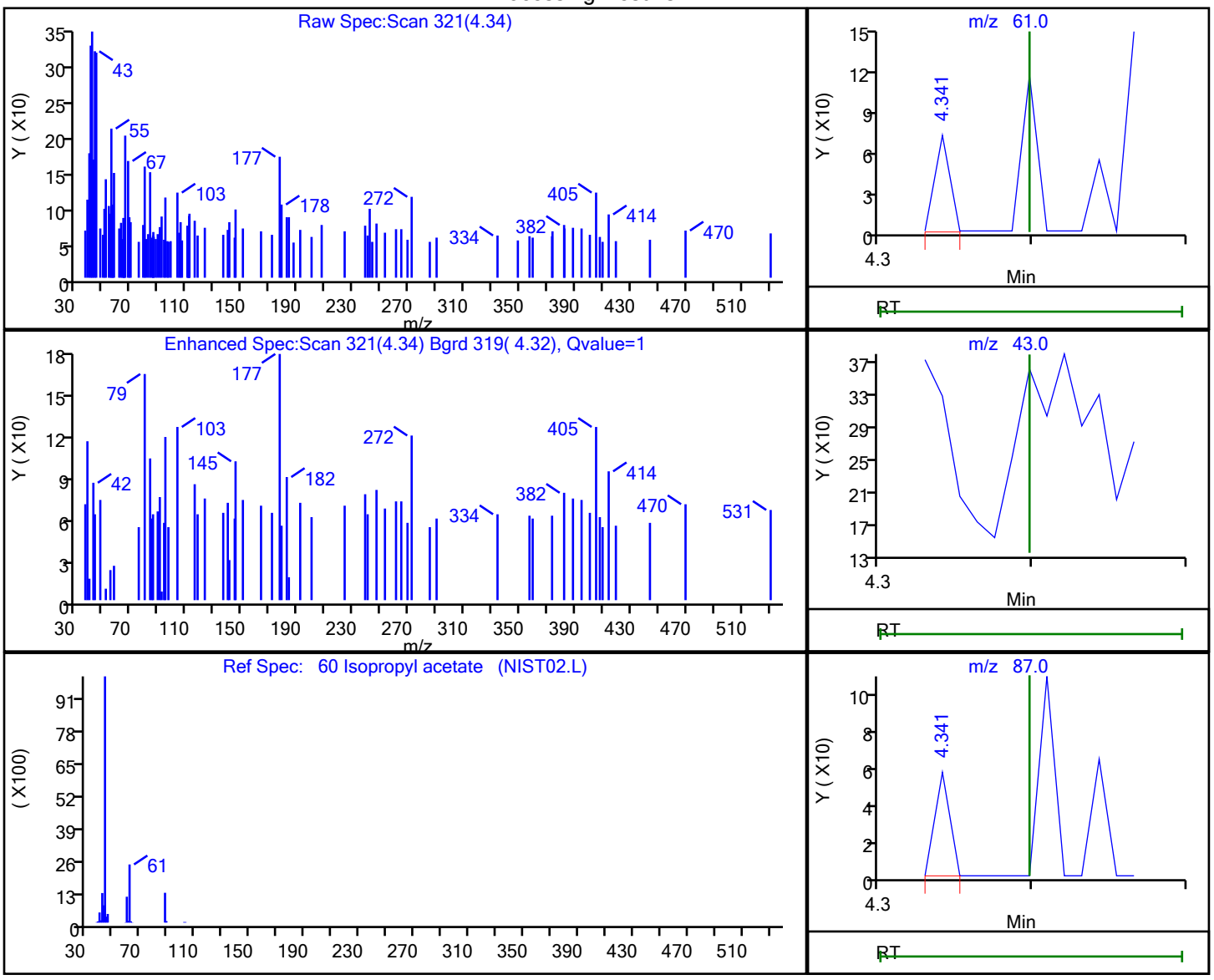
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

60 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.34	61.00	48	0.036395
4.33	43.00	740	
4.34	87.00	38	

Reviewer: HVW2, 20-Apr-2025 05:57:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

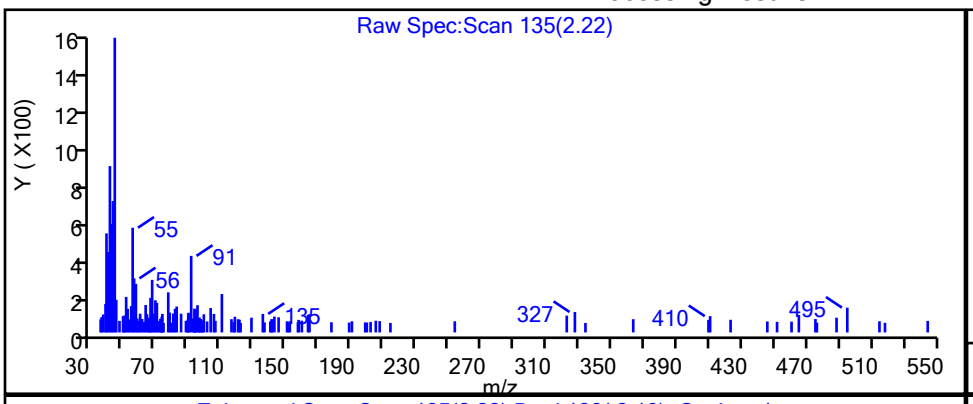
User Disabled Compound Report

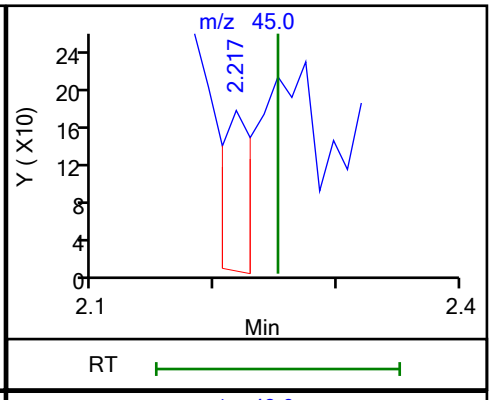
Eurofins Edison

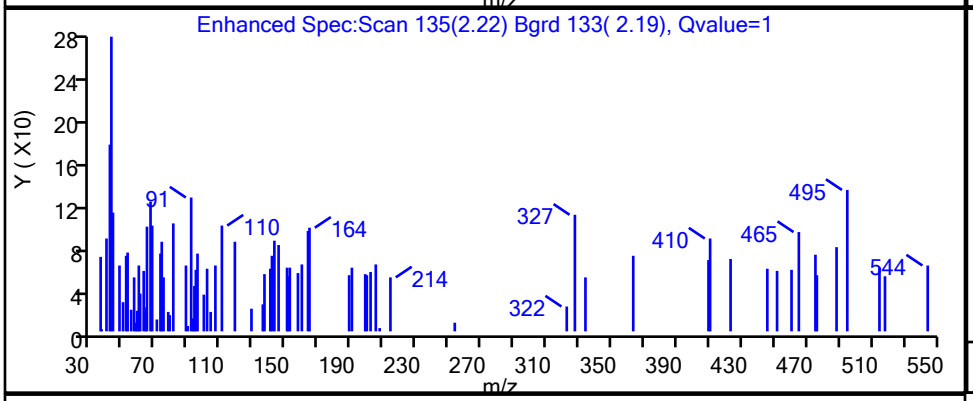
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

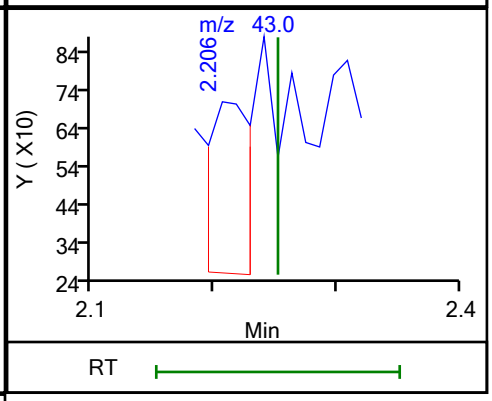
22 Isopropyl alcohol, CAS: 67-63-0

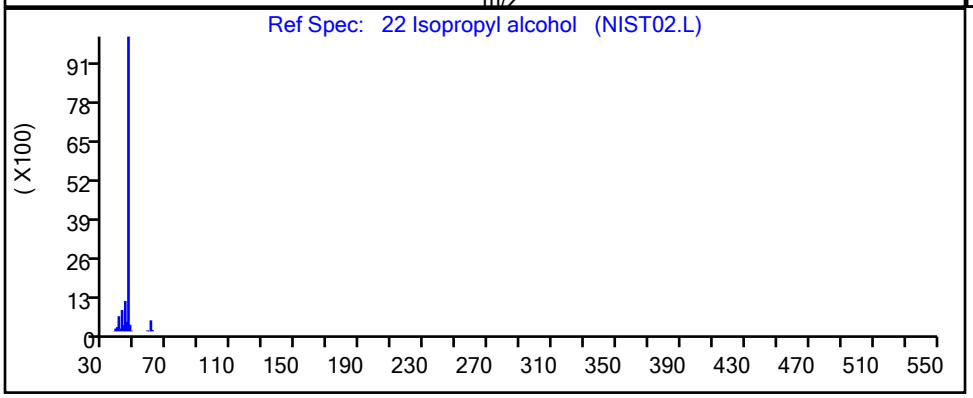
Processing Results











RT	Mass	Response	Amount
2.22	45.00	307	2.404658
2.21	43.00	1121	

Reviewer: HVW2, 20-Apr-2025 05:56:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

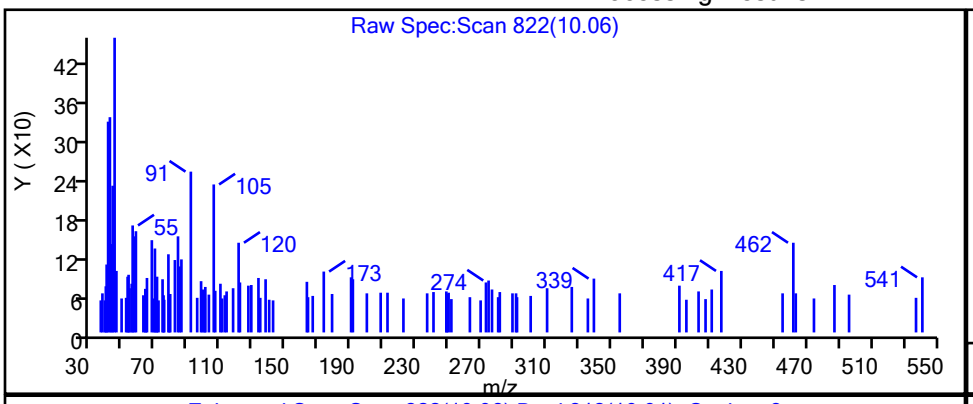
User Disabled Compound Report

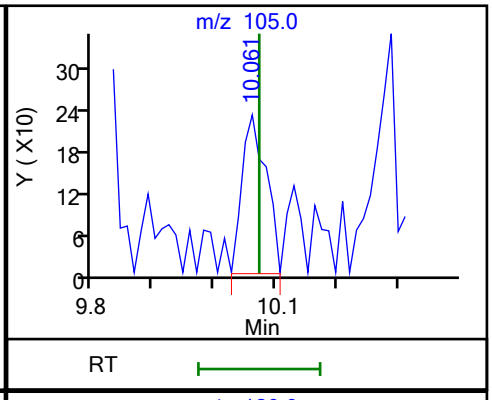
Eurofins Edison

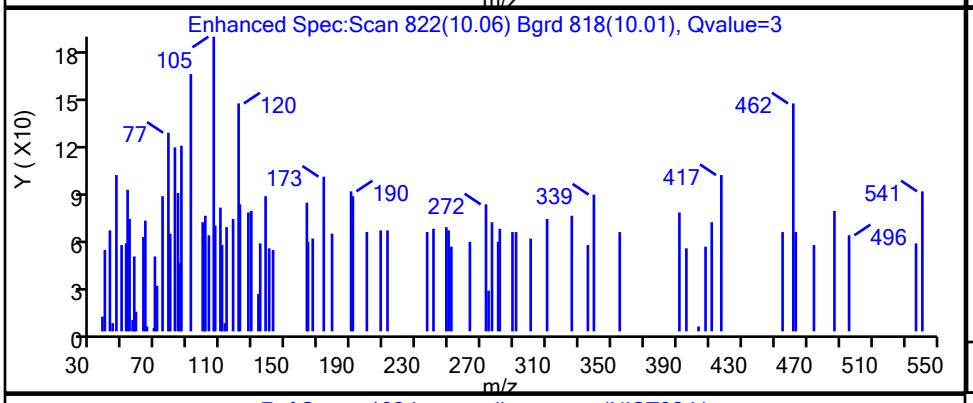
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

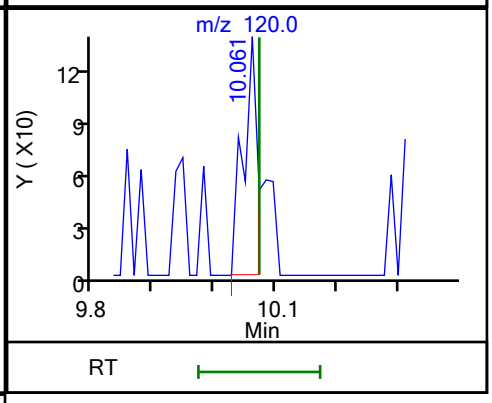
102 Isopropylbenzene, CAS: 98-82-8

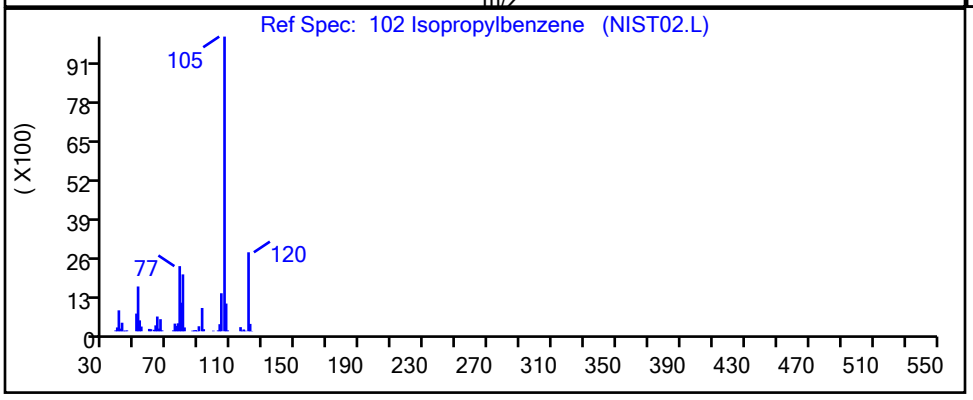
Processing Results











RT	Mass	Response	Amount
10.06	105.00	633	0.050566
10.06	120.00	223	

Reviewer: HVW2, 20-Apr-2025 05:57:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

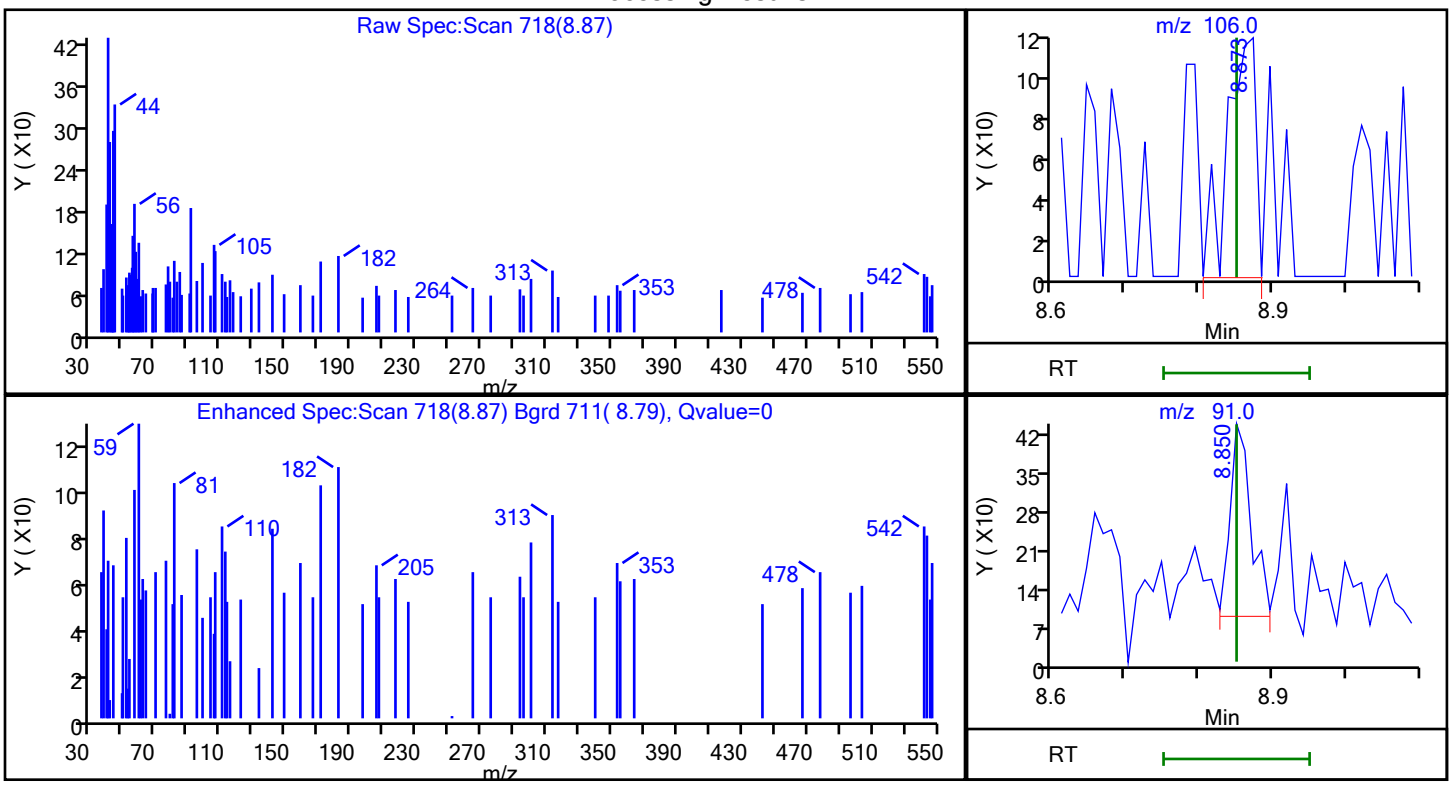
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.87	106.00	315	0.058131
8.85	91.00	711	

Reviewer: HVW2, 20-Apr-2025 05:57:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

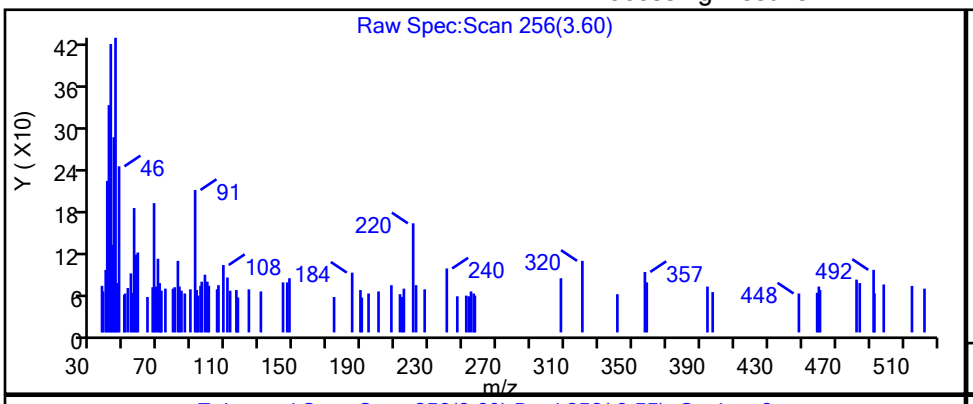
User Disabled Compound Report

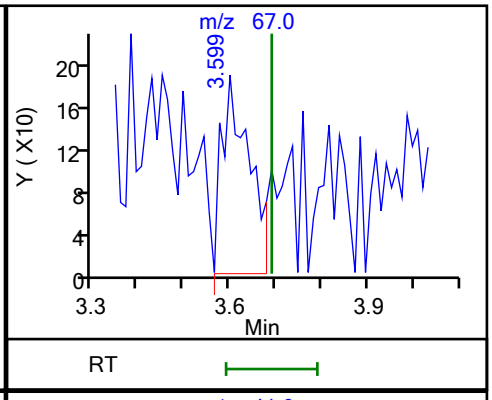
Eurofins Edison

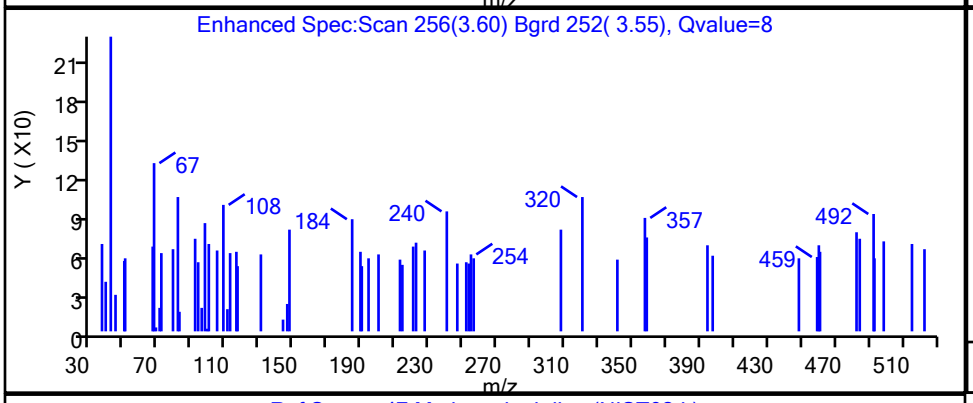
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

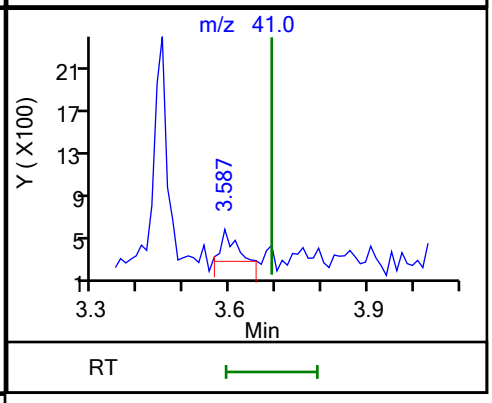
47 Methacrylonitrile, CAS: 126-98-7

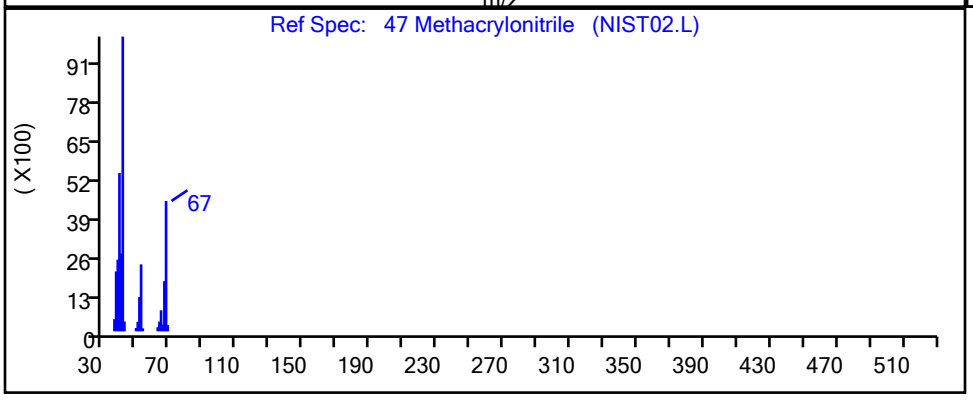
Processing Results











RT	Mass	Response	Amount
3.60	67.00	780	0.612077
3.59	41.00	558	

Reviewer: HVW2, 20-Apr-2025 05:56:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

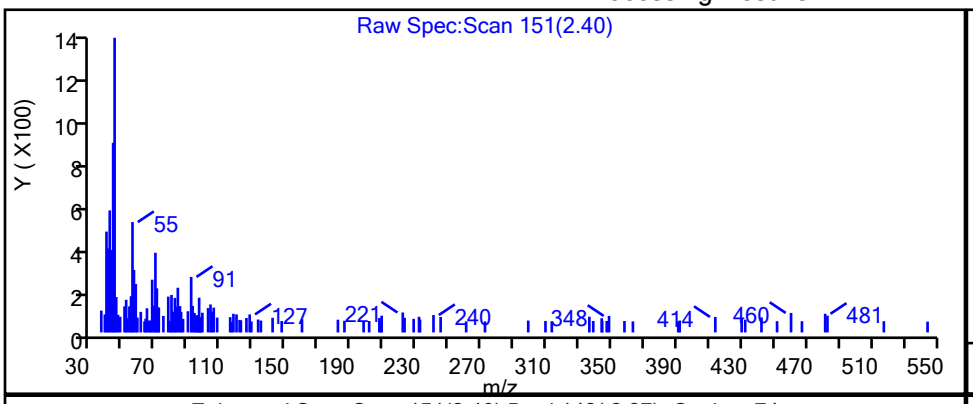
User Disabled Compound Report

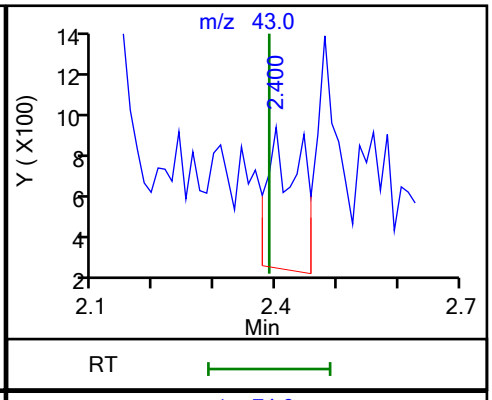
Eurofins Edison

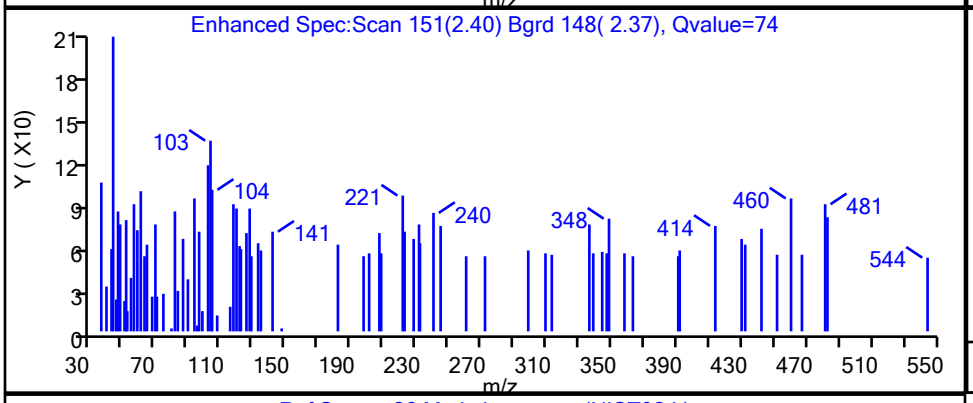
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

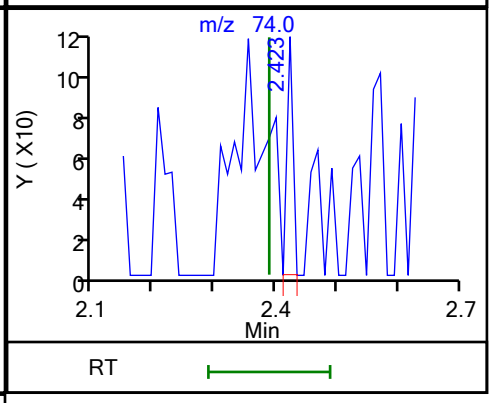
26 Methyl acetate, CAS: 79-20-9

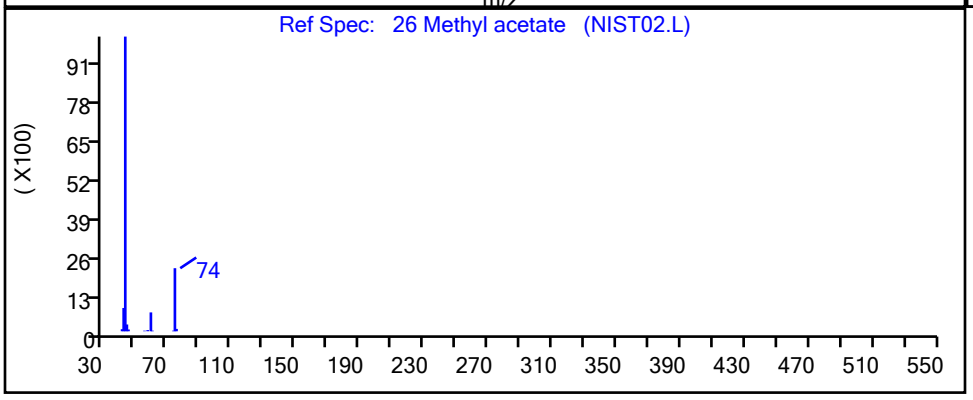
Processing Results











RT	Mass	Response	Amount
2.40	43.00	2531	1.697360
2.42	74.00	81	

Reviewer: HVW2, 20-Apr-2025 05:56:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

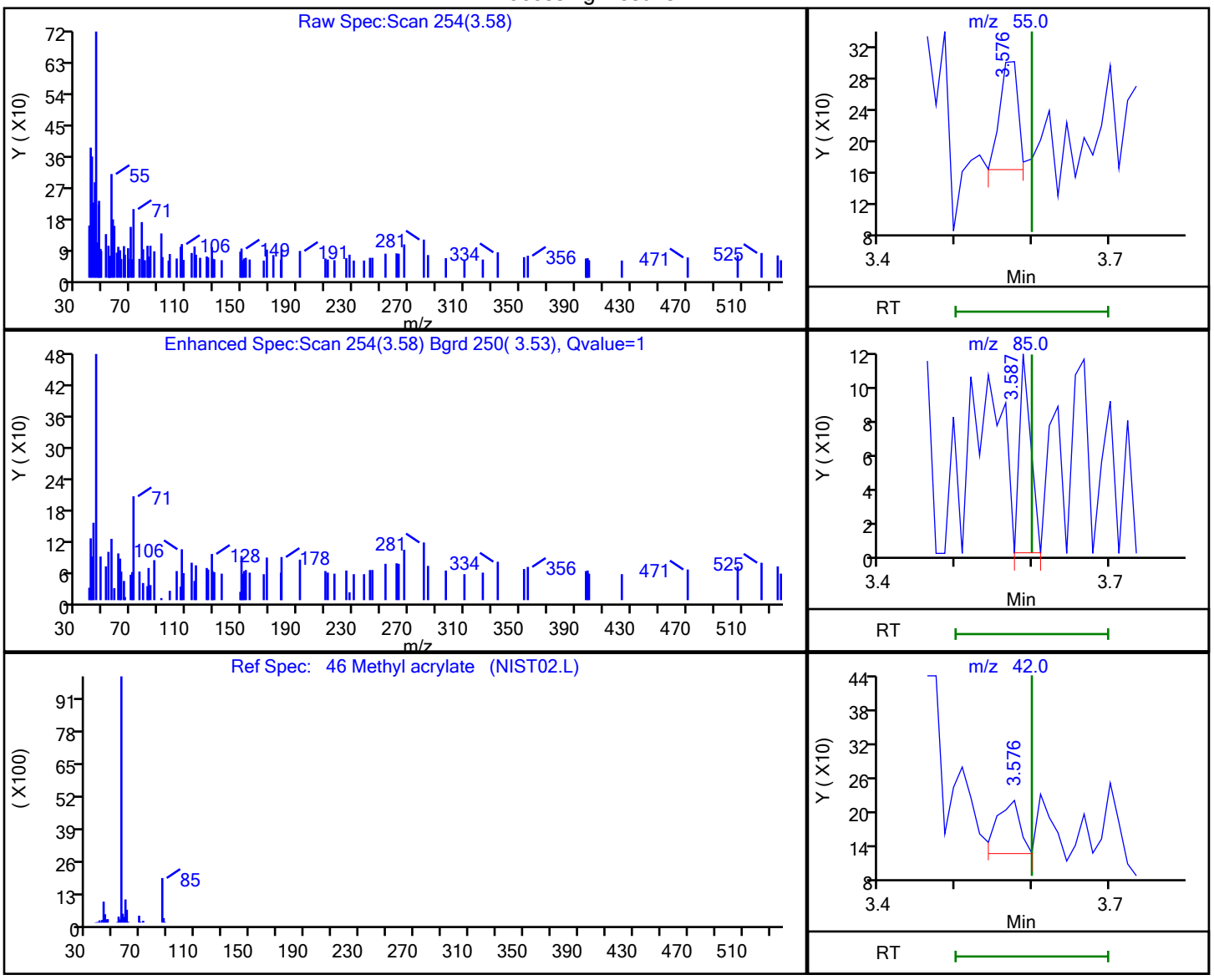
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.58	55.00	225	0.071121
3.59	85.00	116	
3.58	42.00	193	

Reviewer: HVW2, 20-Apr-2025 05:56:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

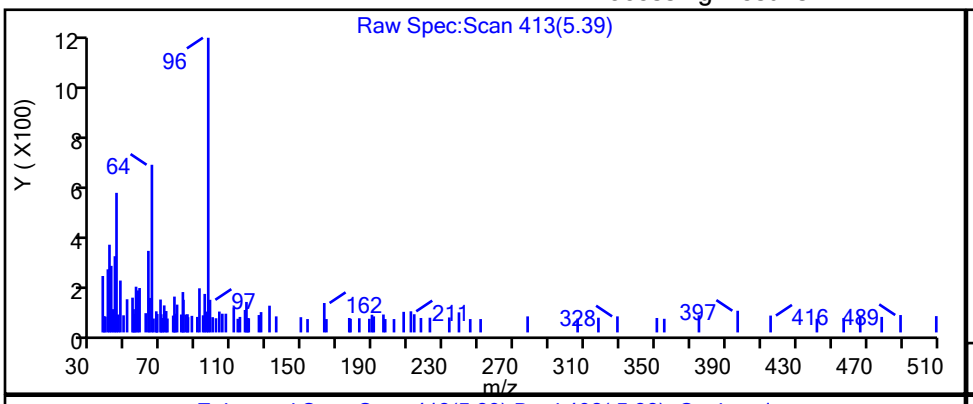
User Disabled Compound Report

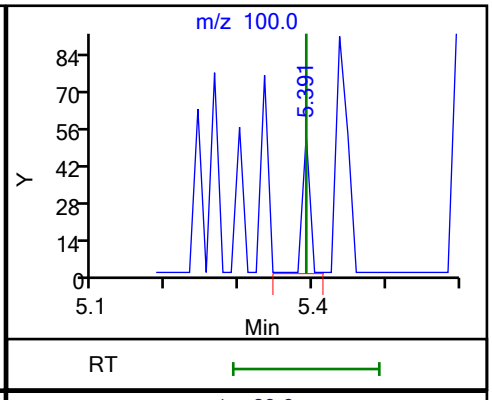
Eurofins Edison

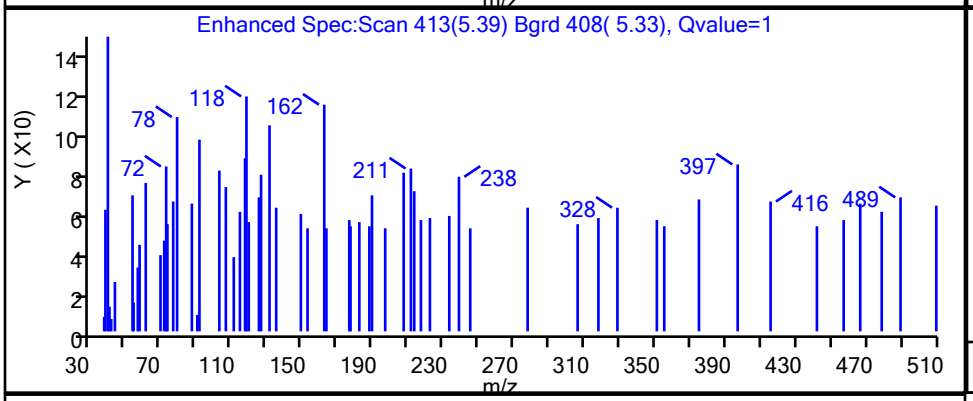
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

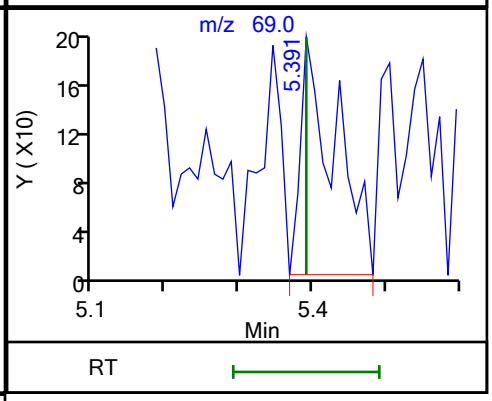
72 Methyl methacrylate, CAS: 80-62-6

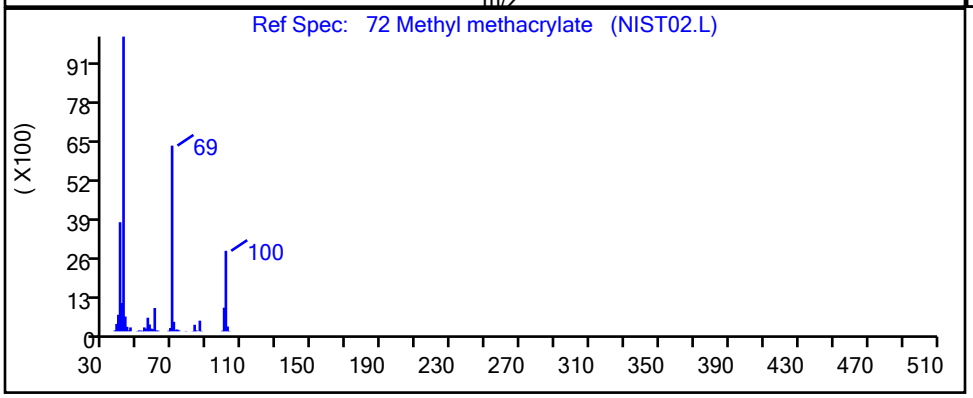
Processing Results











RT	Mass	Response	Amount
5.39	100.00	36	0.040603
5.39	69.00	634	

Reviewer: HVW2, 20-Apr-2025 05:57:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

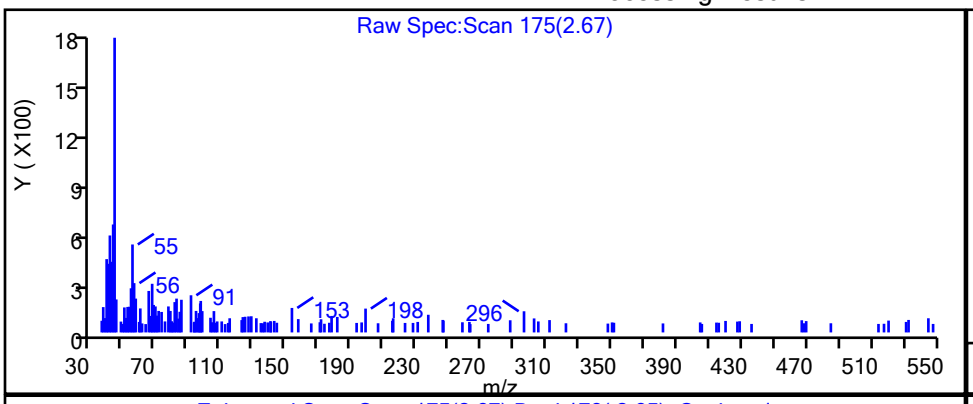
User Disabled Compound Report

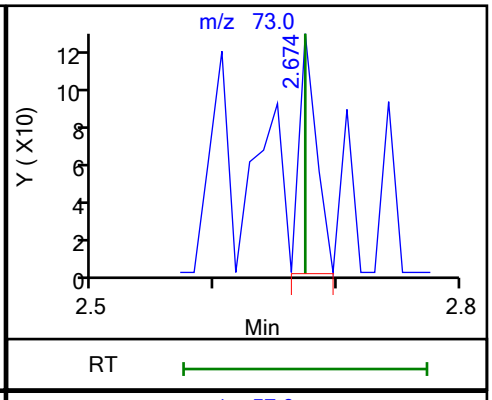
Eurofins Edison

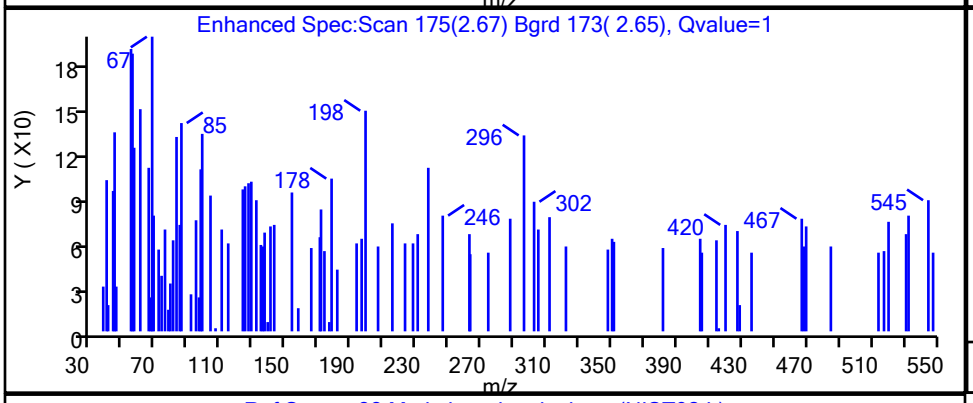
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

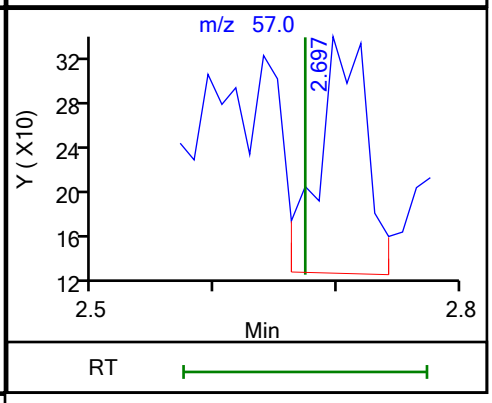
33 Methyl tert-butyl ether, CAS: 1634-04-4

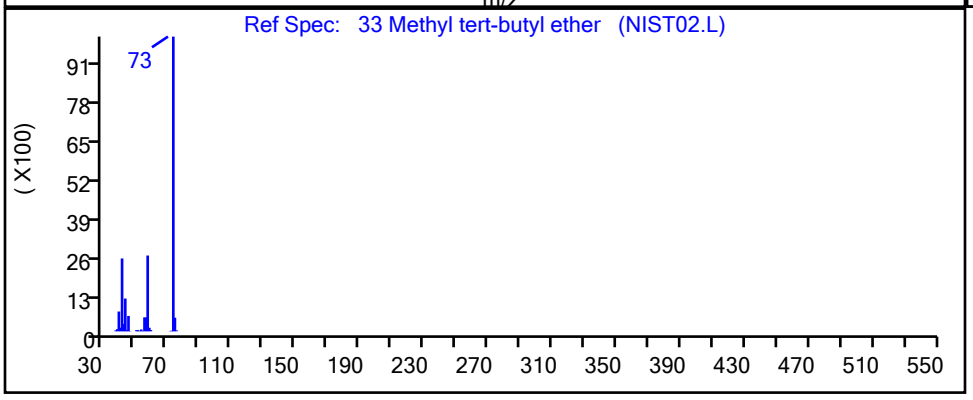
Processing Results











RT	Mass	Response	Amount
2.67	73.00	120	0.011838
2.70	57.00	597	

Reviewer: HVW2, 20-Apr-2025 05:56:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

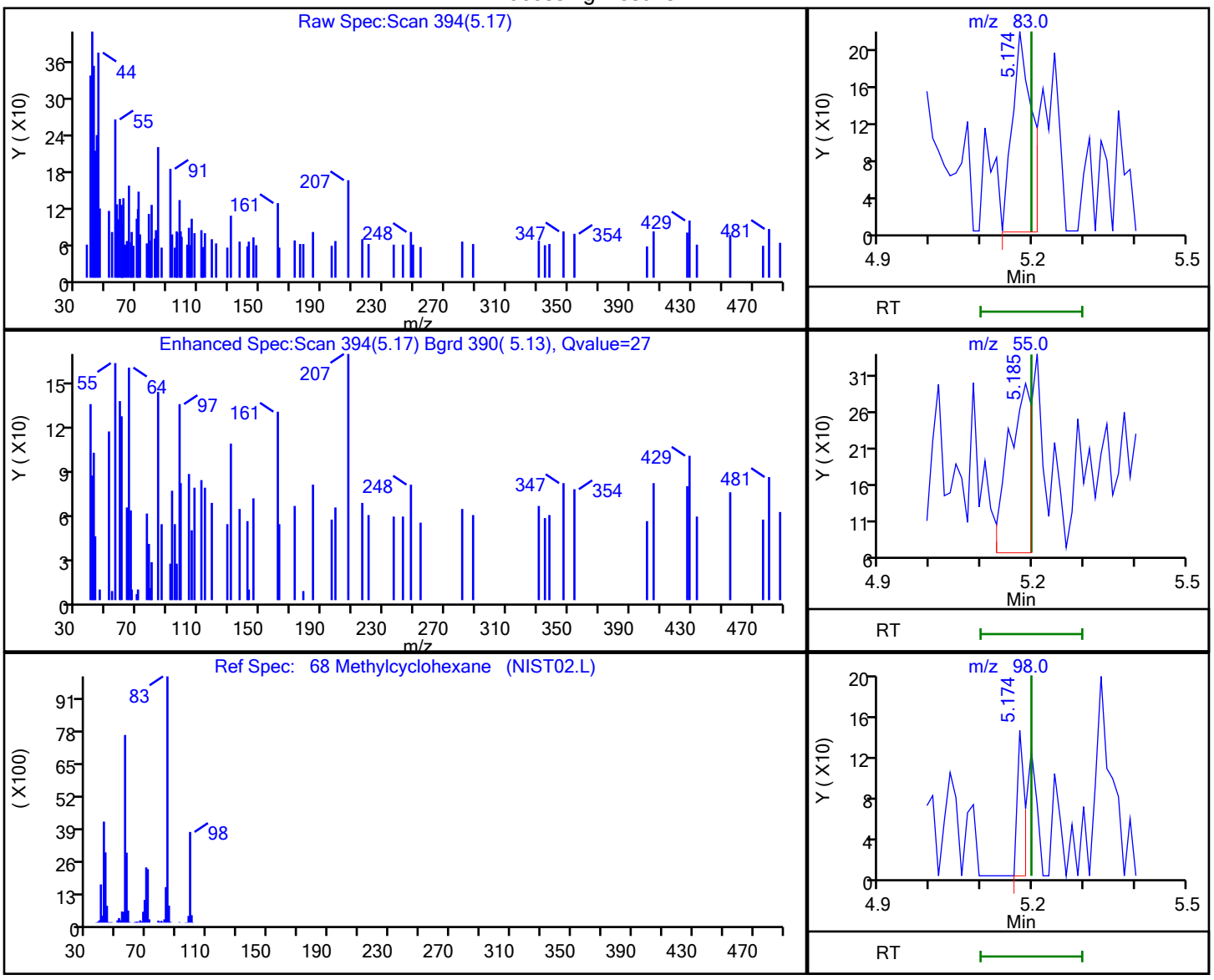
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.17	83.00	575	0.121646
5.19	55.00	729	
5.17	98.00	145	

Reviewer: HVW2, 20-Apr-2025 05:57:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

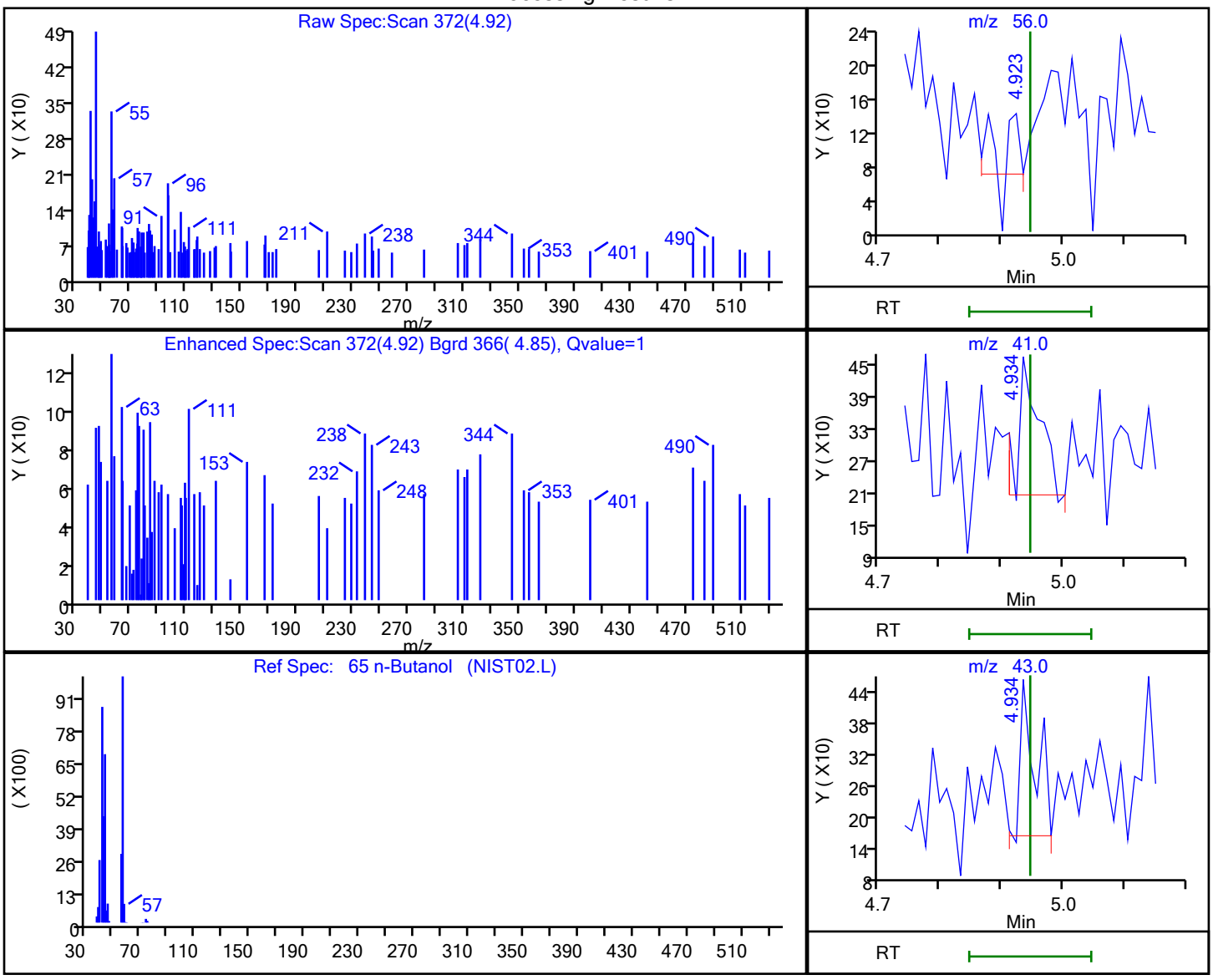
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

65 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.92	56.00	121	1.014509
4.93	41.00	604	
4.93	43.00	500	

Reviewer: HVW2, 20-Apr-2025 05:57:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

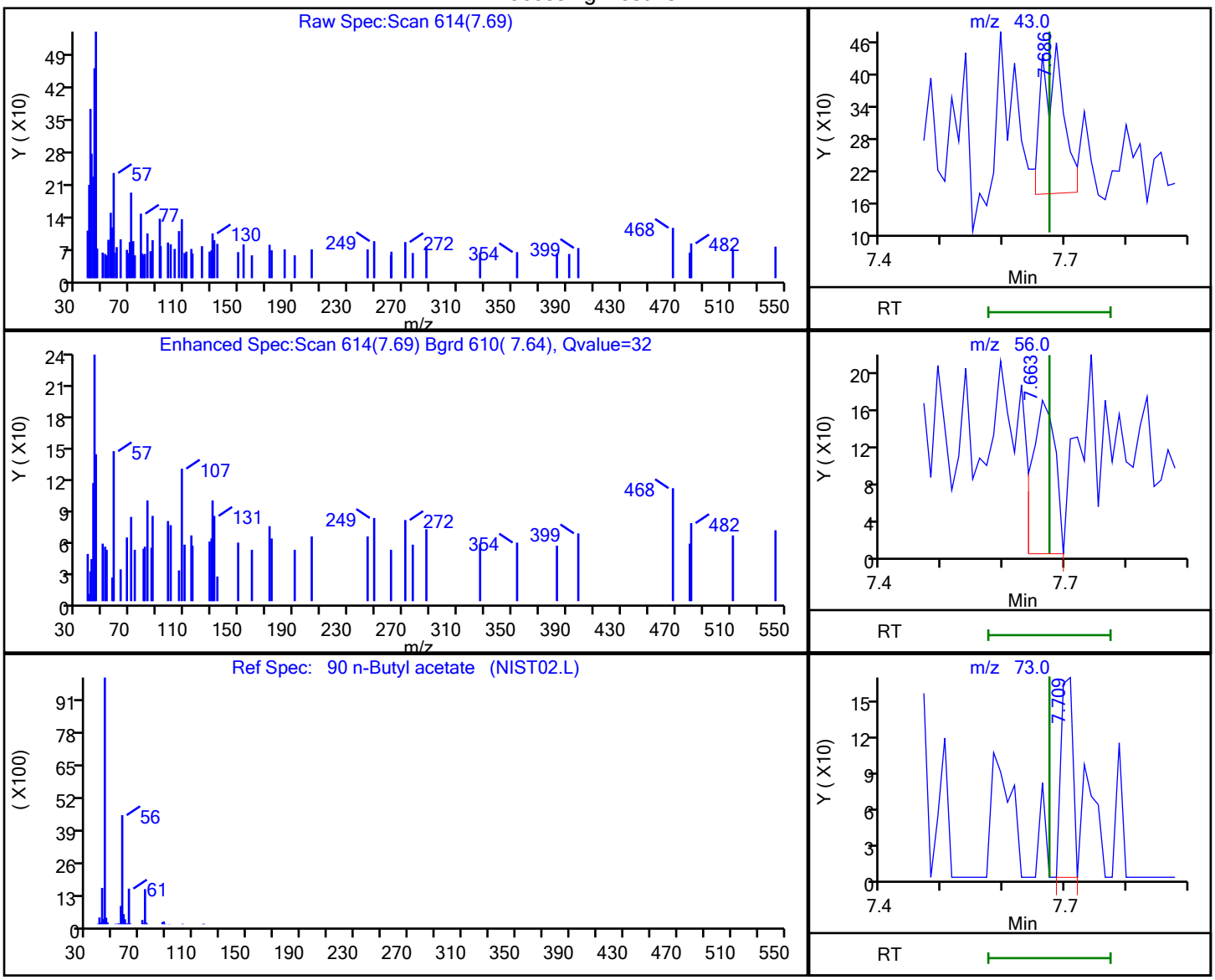
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.69	43.00	691	0.127898
7.66	56.00	437	
7.71	73.00	223	

Reviewer: HVW2, 20-Apr-2025 05:57:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

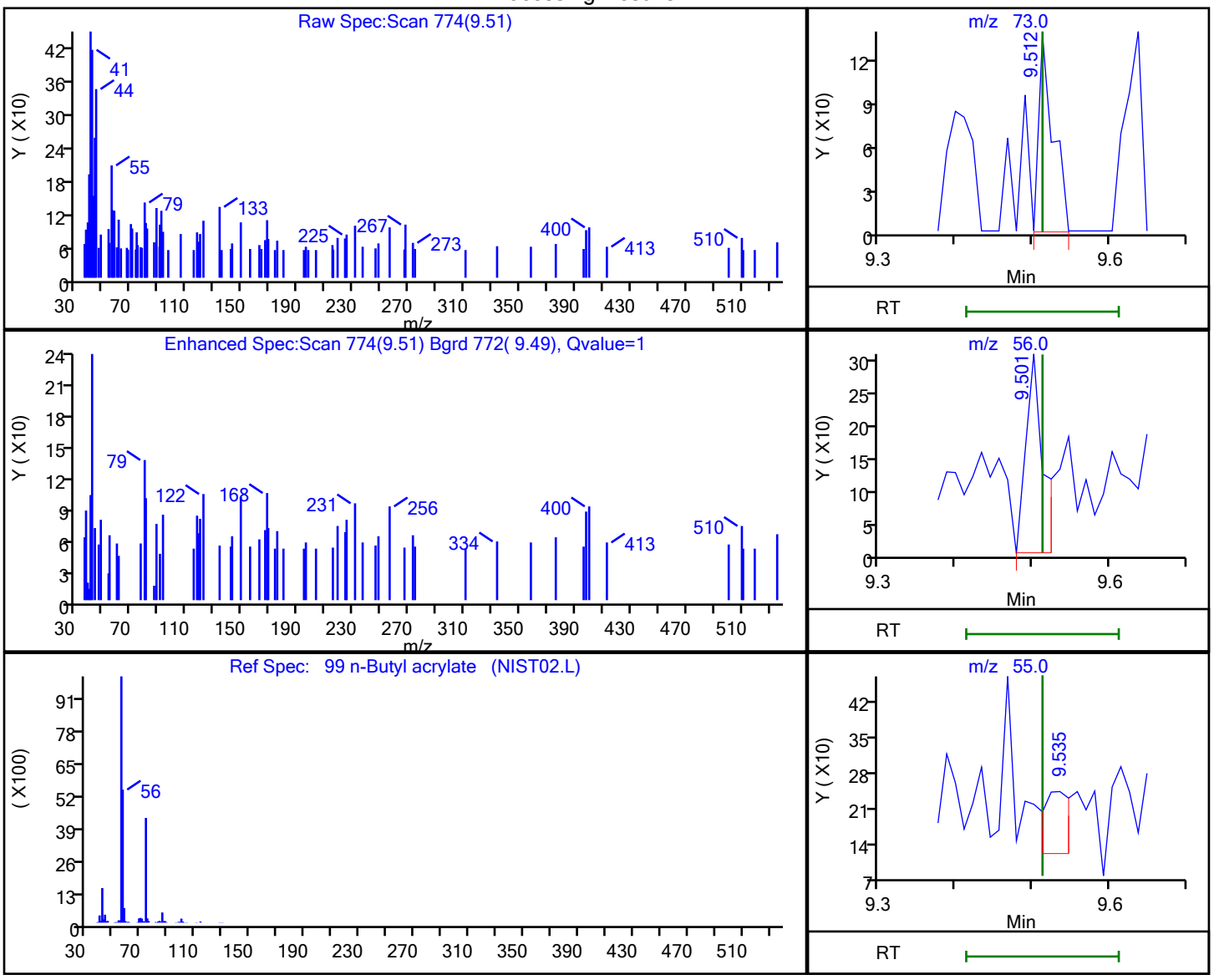
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.51	73.00	174	0.068959
9.50	56.00	478	
9.54	55.00	297	

Reviewer: HVW2, 20-Apr-2025 05:57:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

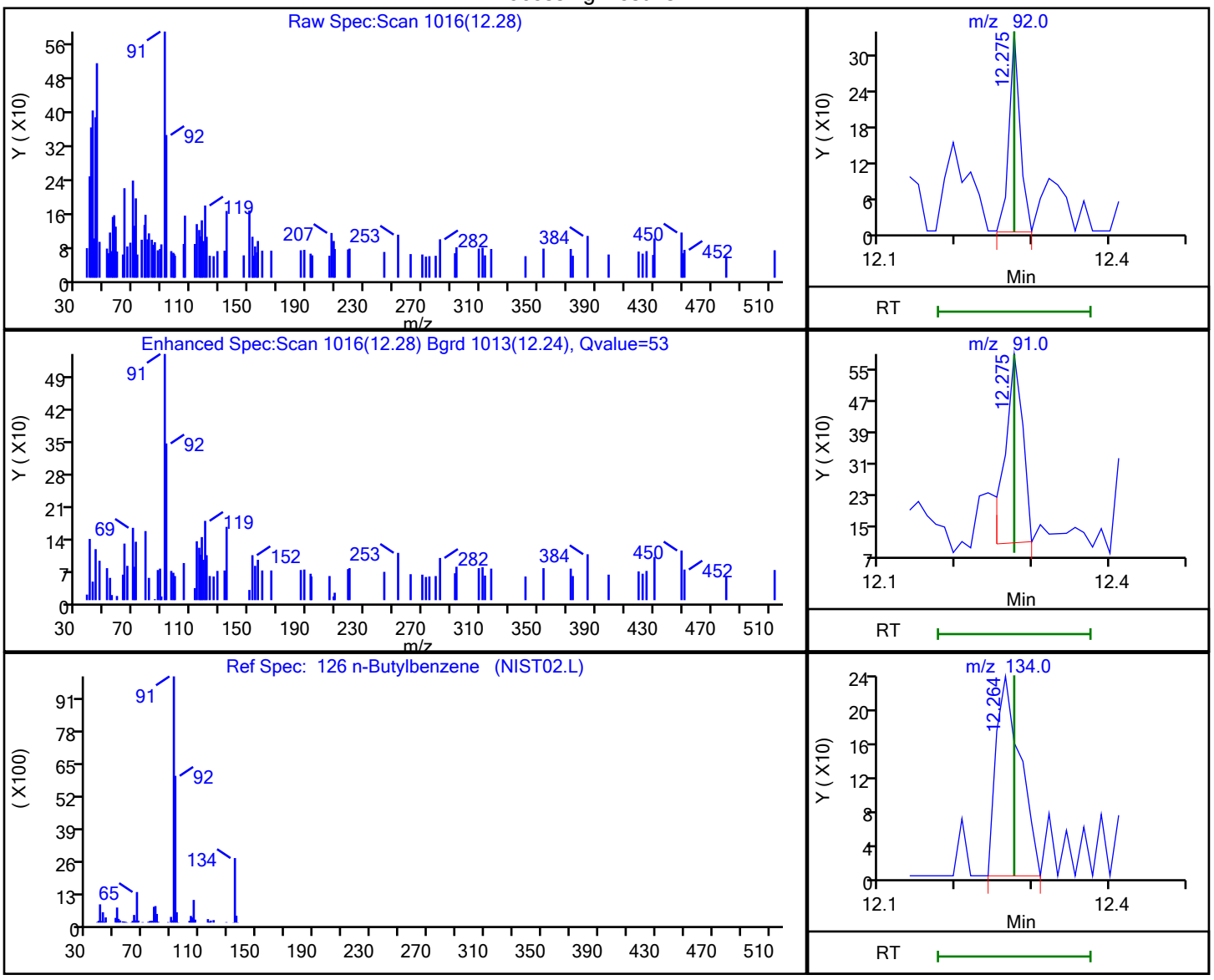
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
12.28	92.00	334	0.078452
12.28	91.00	771	
12.26	134.00	525	

Reviewer: HVW2, 20-Apr-2025 05:58:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

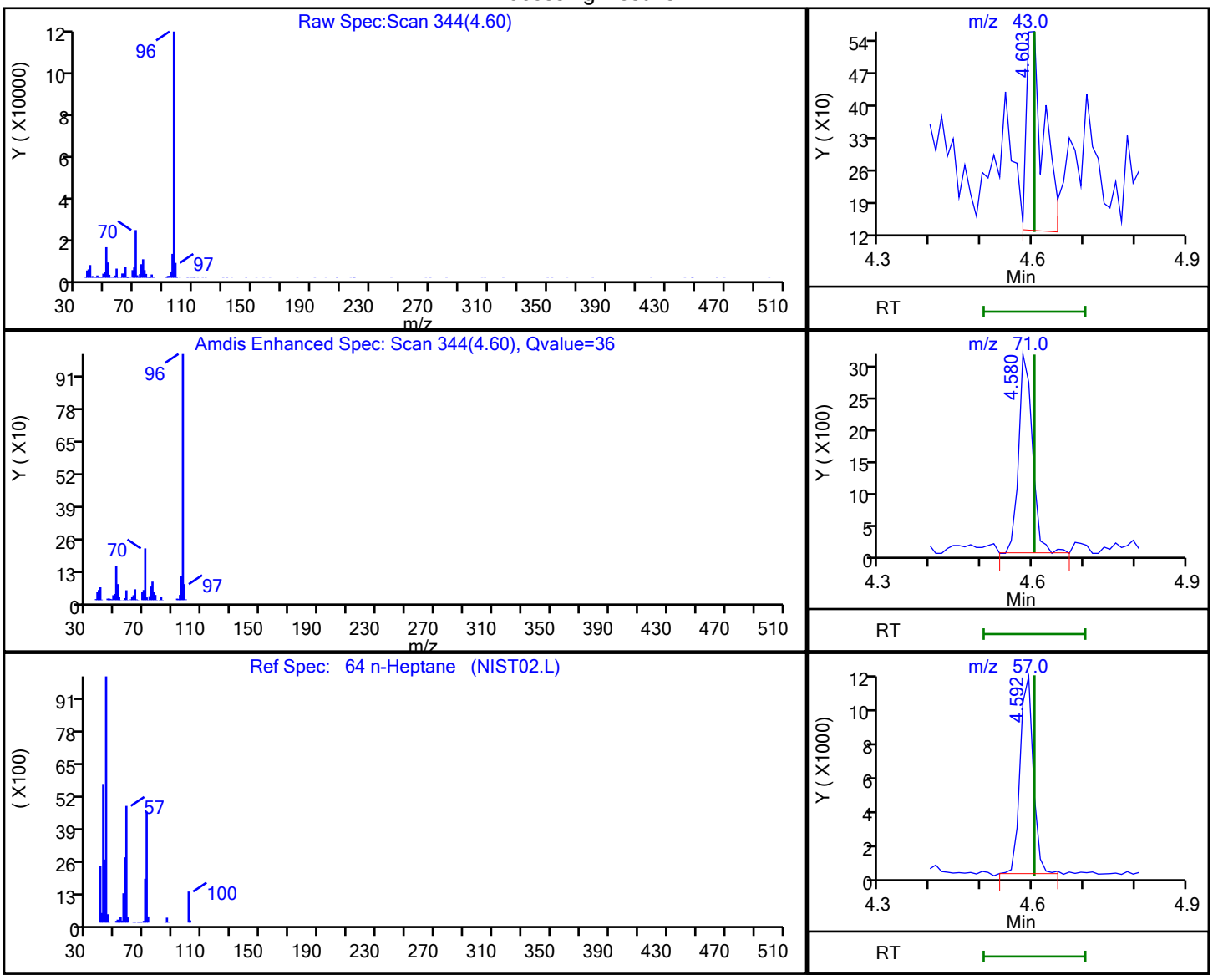
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.60	43.00	1029	0.287453
4.58	71.00	5960	
4.59	57.00	19616	

Reviewer: HVW2, 20-Apr-2025 05:57:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

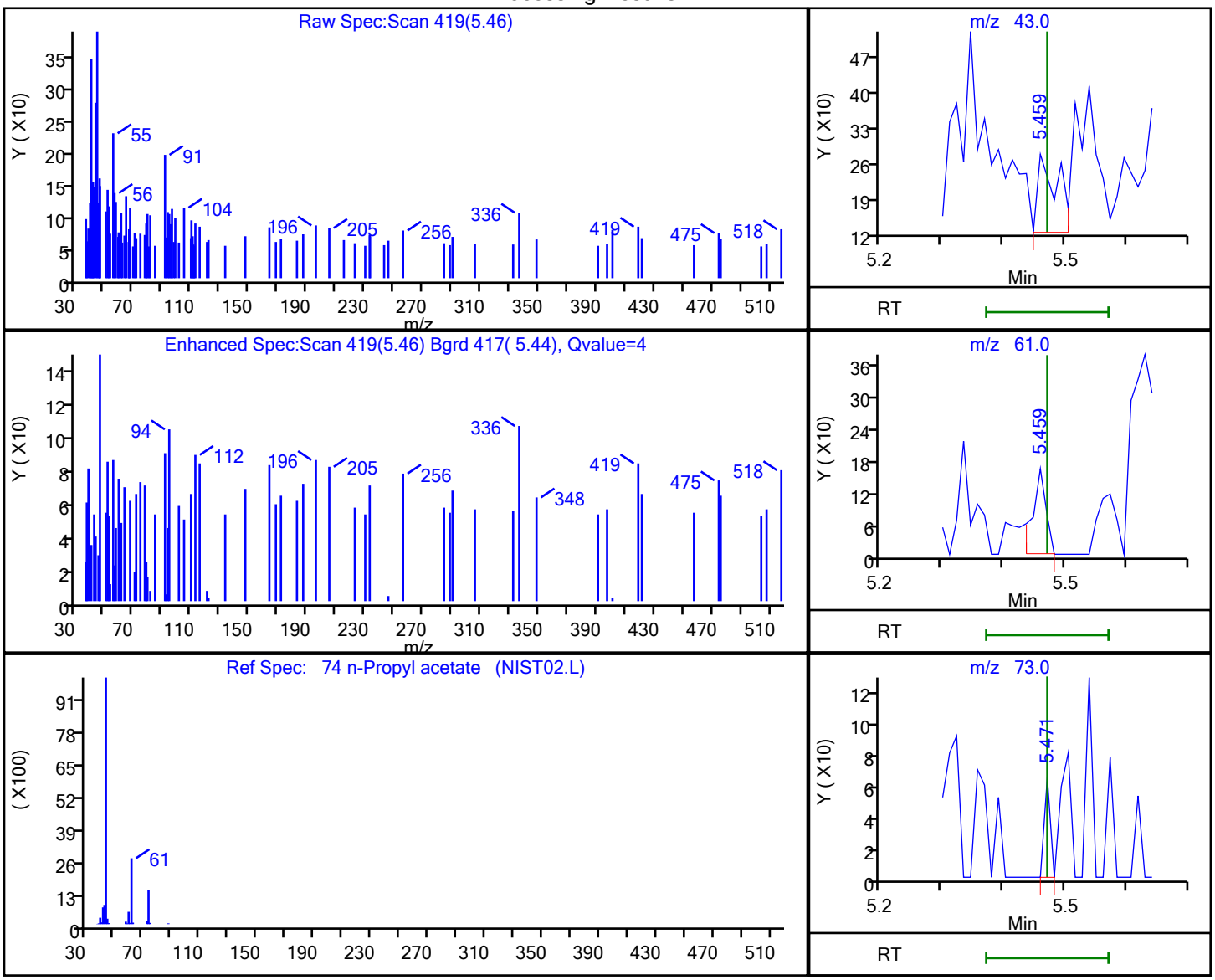
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.46	43.00	343	0.065649
5.46	61.00	244	
5.47	73.00	45	

Reviewer: HVW2, 20-Apr-2025 05:57:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

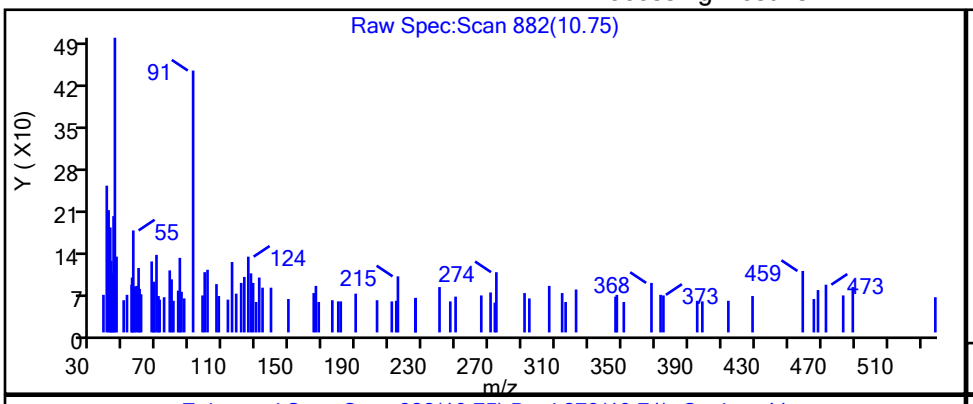
User Disabled Compound Report

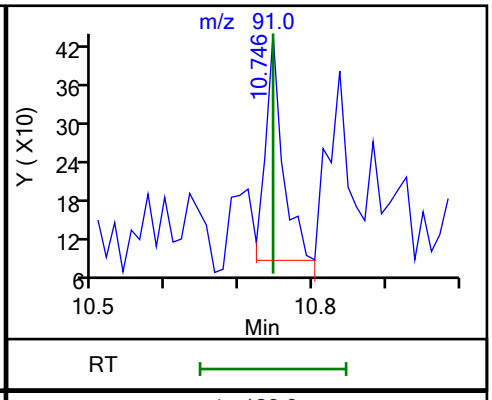
Eurofins Edison

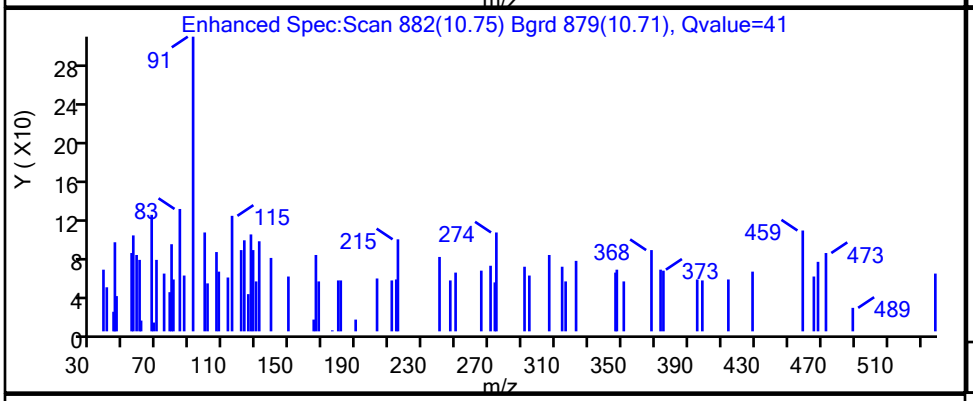
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

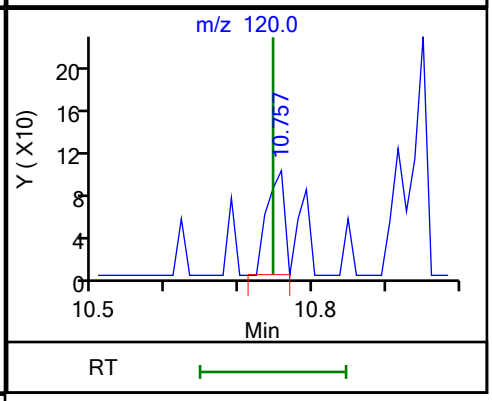
108 N-Propylbenzene, CAS: 103-65-1

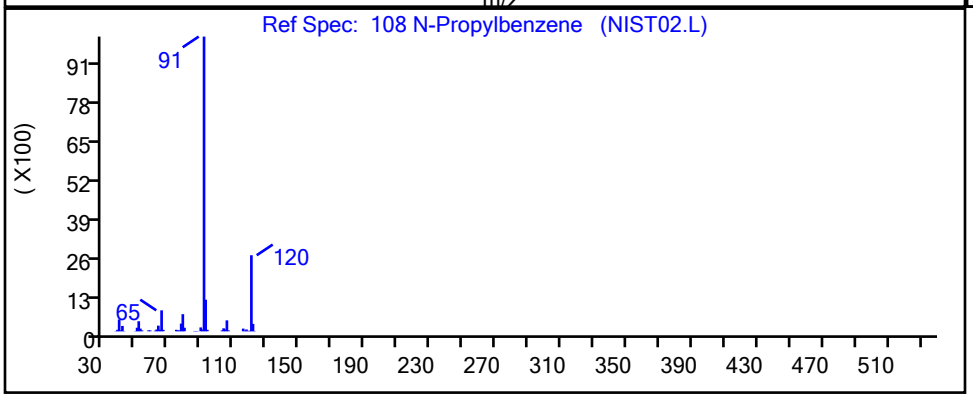
Processing Results











RT	Mass	Response	Amount
10.75	91.00	578	0.040512
10.76	120.00	165	

Reviewer: HVW2, 20-Apr-2025 05:57:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

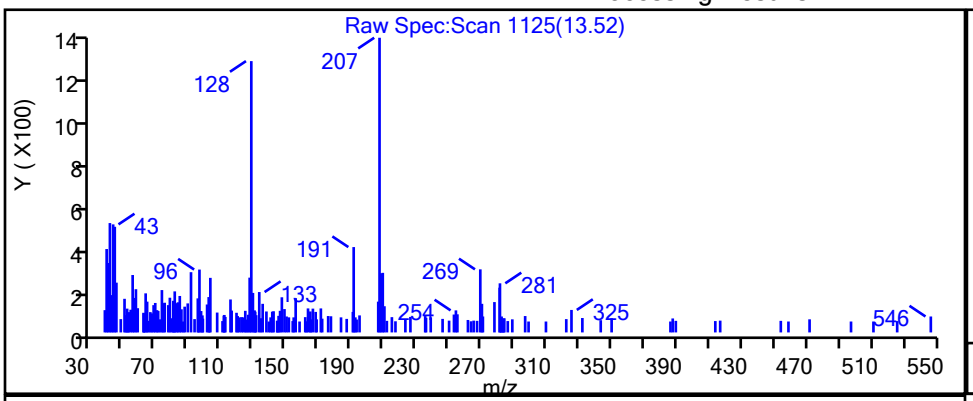
User Disabled Compound Report

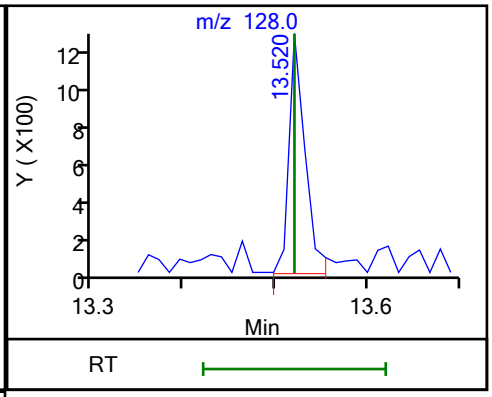
Eurofins Edison

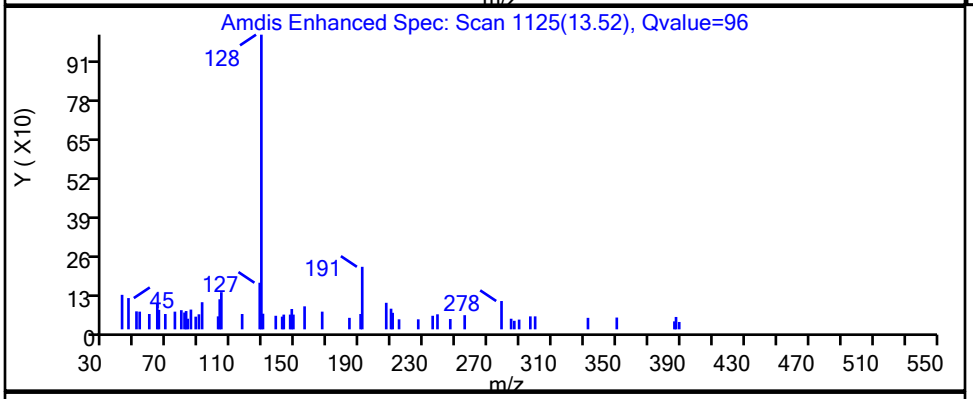
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

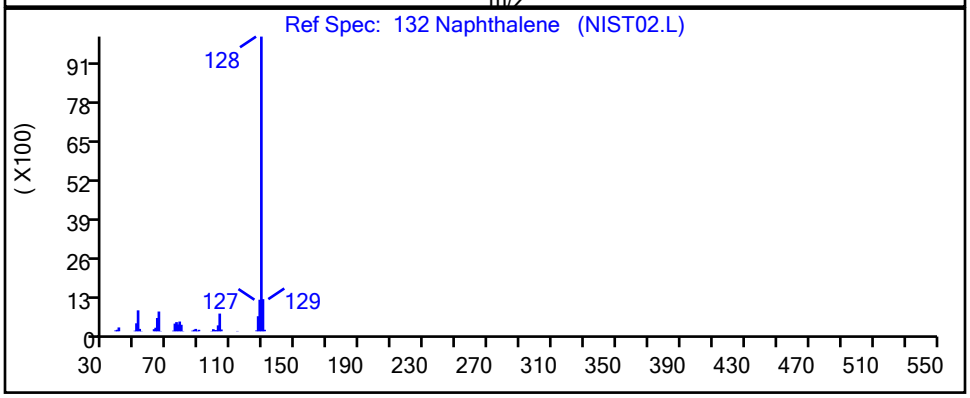
132 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.52	128.00	1508	0.119871

Reviewer: HVW2, 20-Apr-2025 05:58:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

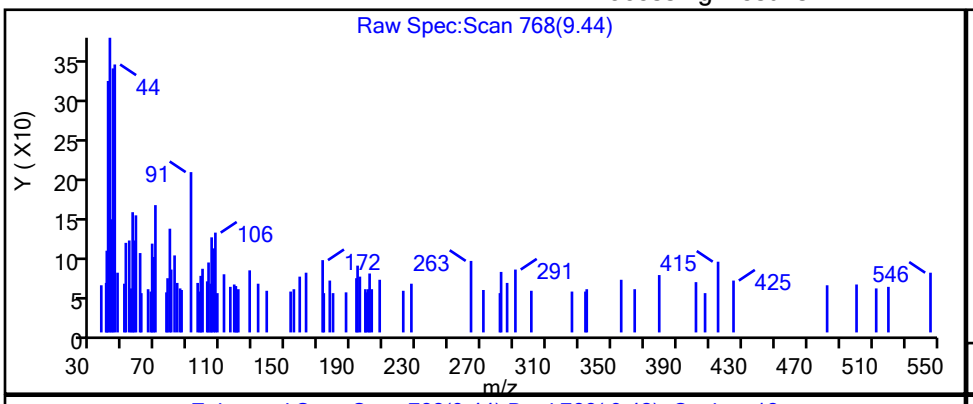
User Disabled Compound Report

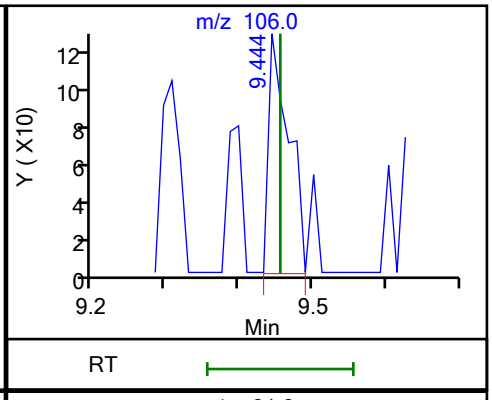
Eurofins Edison

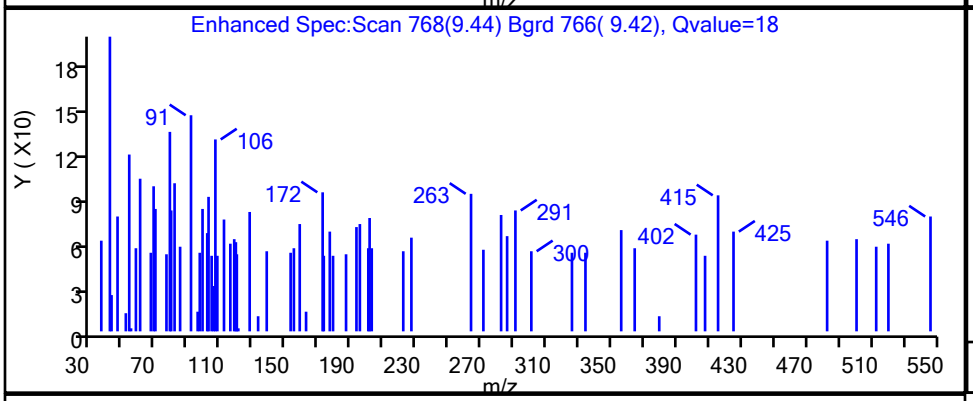
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

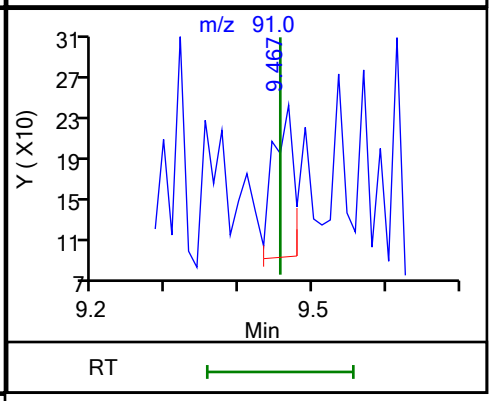
97 o-Xylene, CAS: 95-47-6

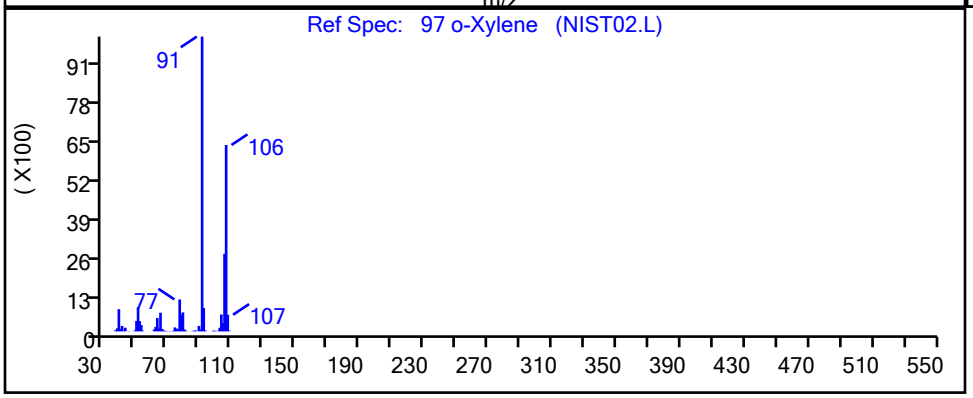
Processing Results











RT	Mass	Response	Amount
9.44	106.00	245	0.044619
9.47	91.00	298	

Reviewer: HVW2, 20-Apr-2025 05:57:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

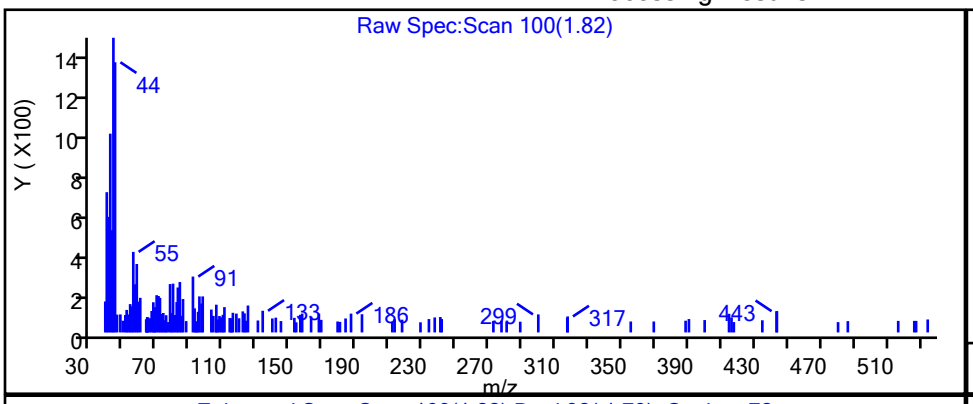
User Disabled Compound Report

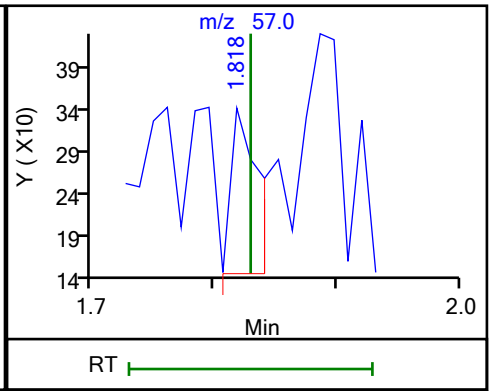
Eurofins Edison

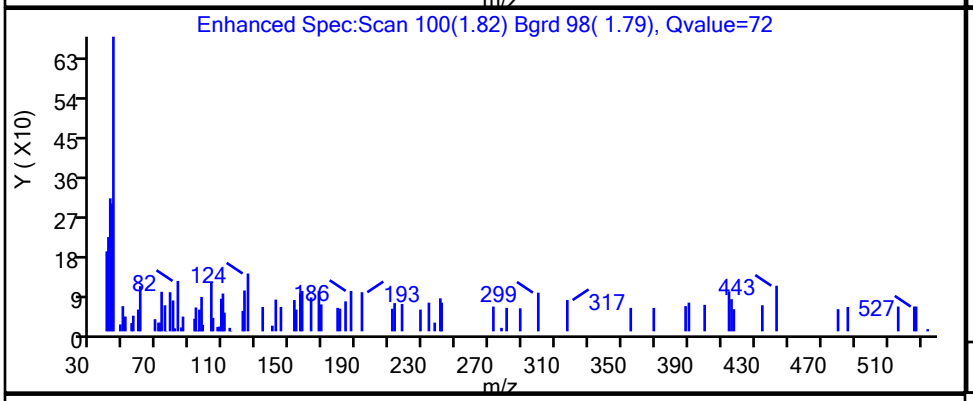
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

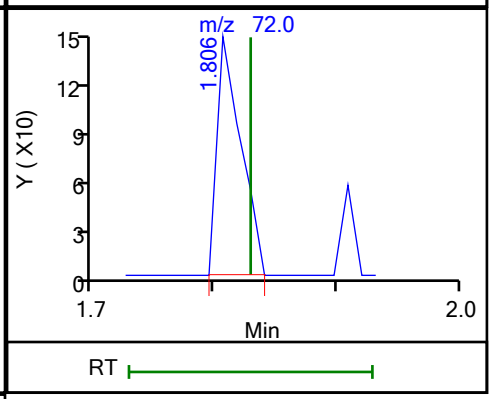
11 Pentane, CAS: 109-66-0

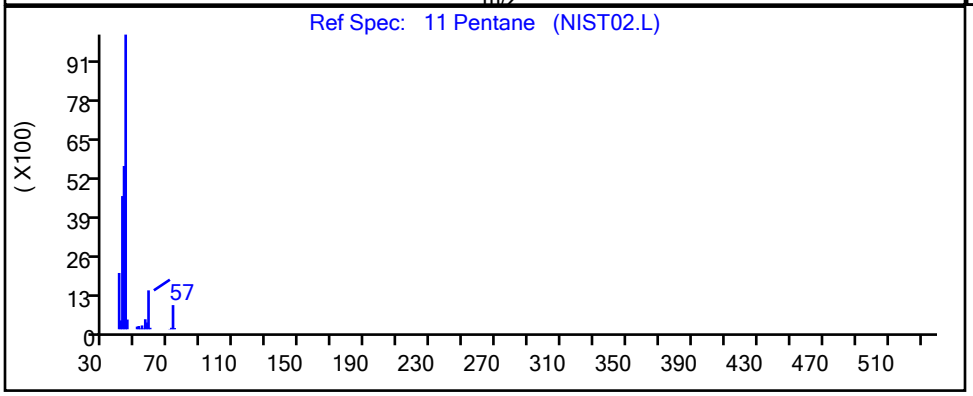
Processing Results











RT	Mass	Response	Amount
1.82	57.00	297	0.311360
1.81	72.00	195	

Reviewer: HVW2, 20-Apr-2025 05:55:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

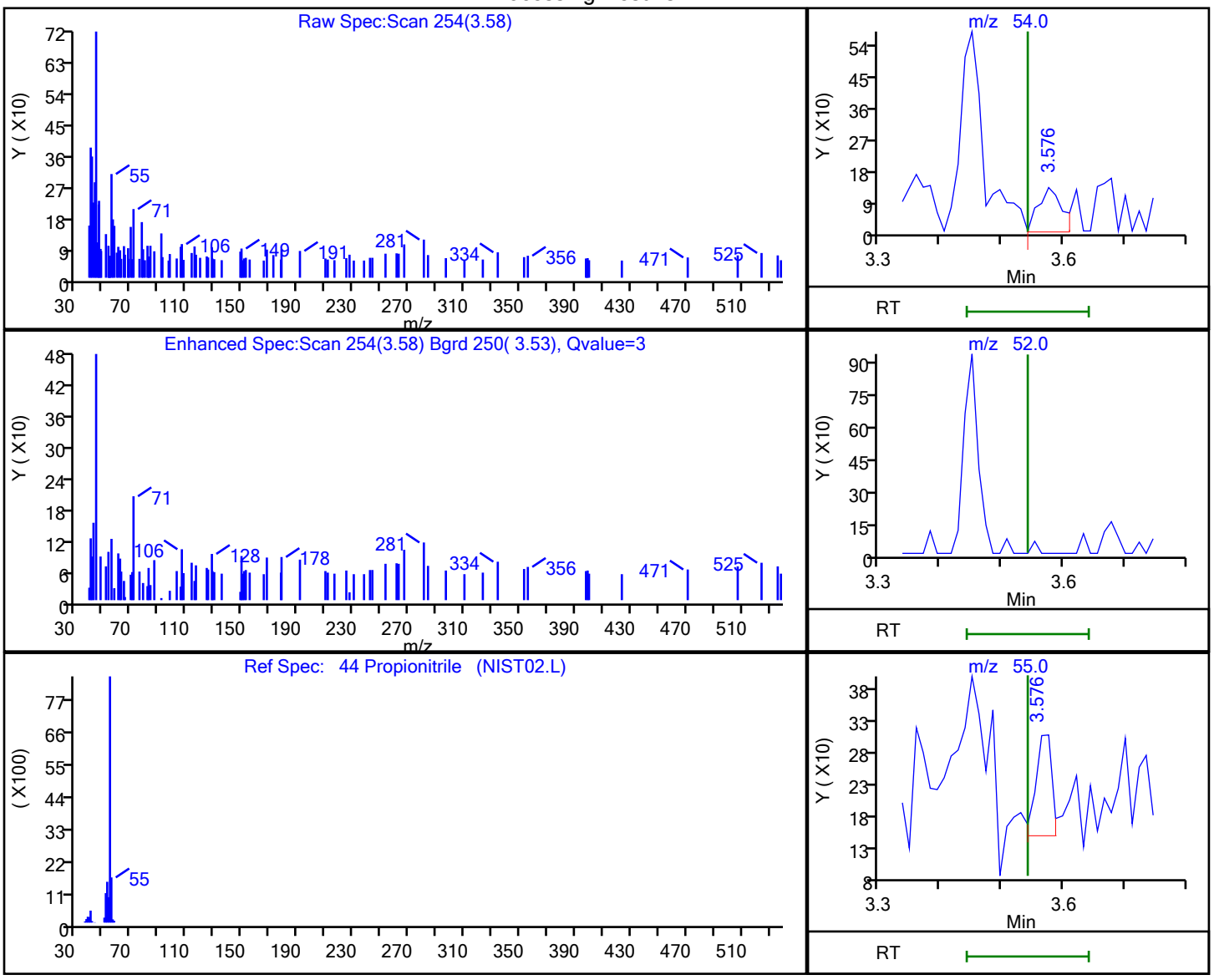
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.58	54.00	333	0.565074
3.58	55.00	283	
3.54	52.00	0	

Reviewer: HVW2, 20-Apr-2025 05:56:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

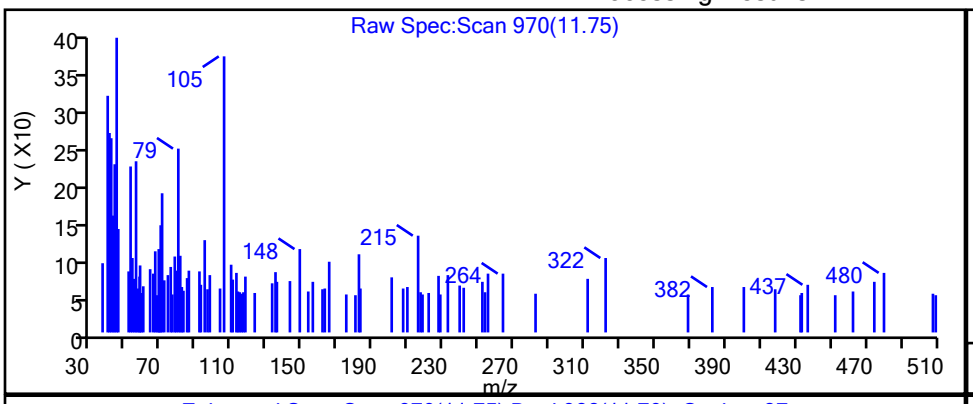
User Disabled Compound Report

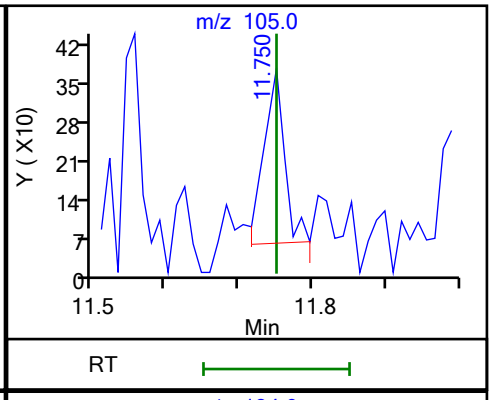
Eurofins Edison

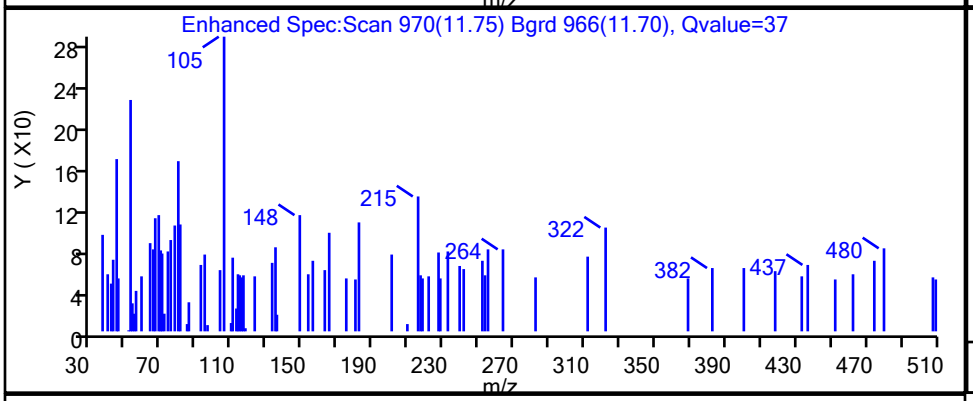
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

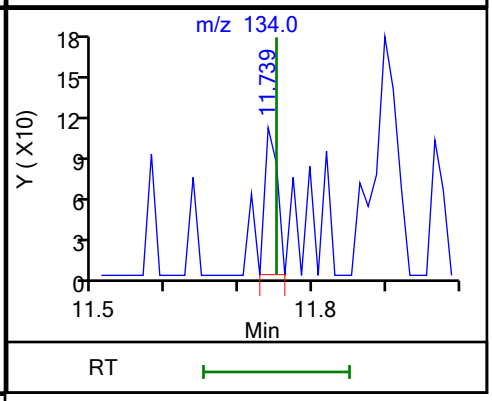
116 sec-Butylbenzene, CAS: 135-98-8

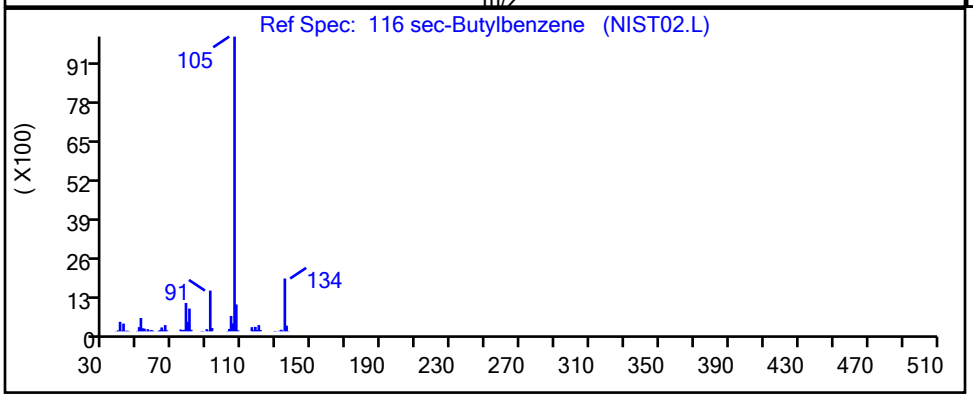
Processing Results











RT	Mass	Response	Amount
11.75	105.00	622	0.055458
11.74	134.00	129	

Reviewer: HVW2, 20-Apr-2025 05:57:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

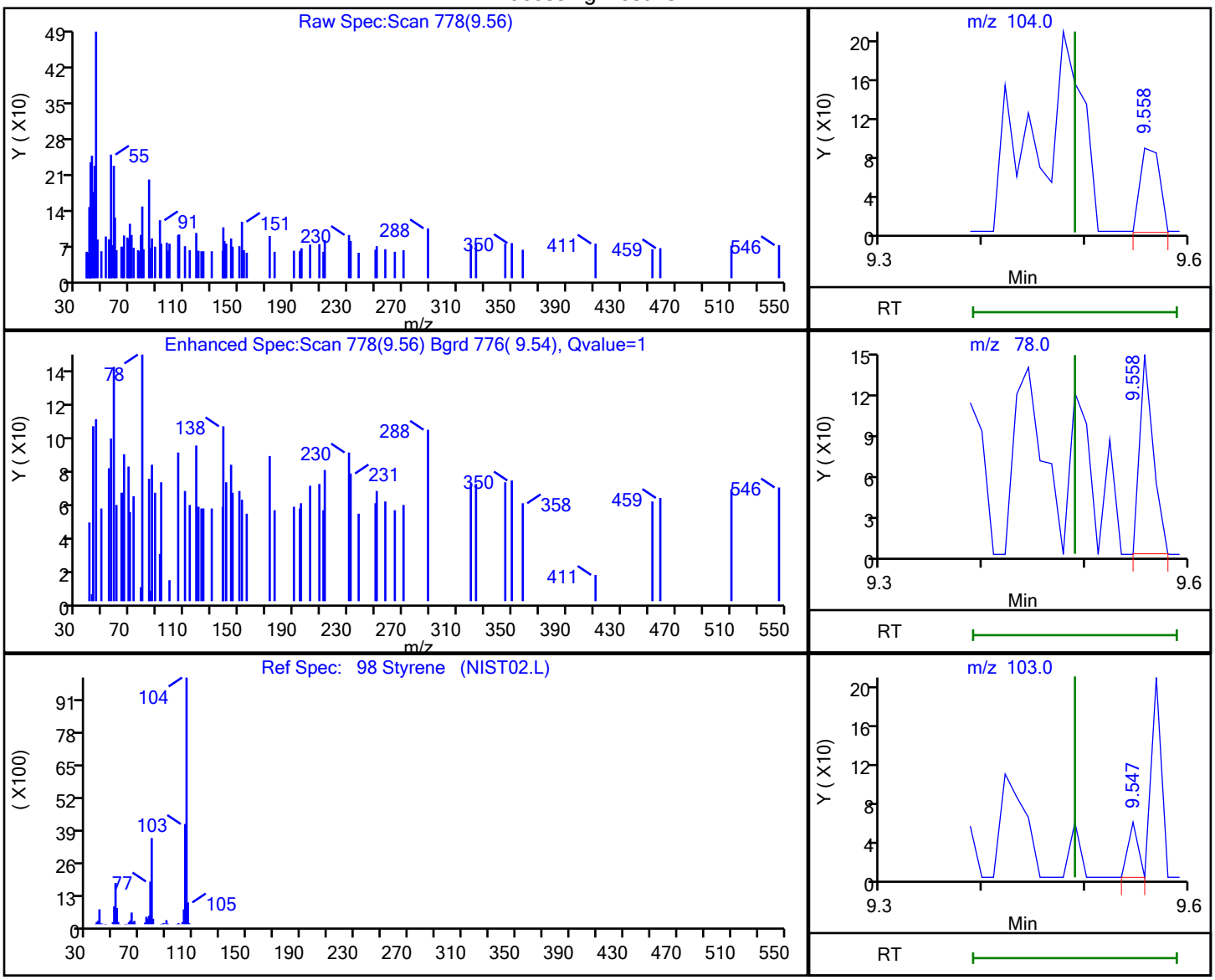
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

98 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.56	104.00	113	0.012425
9.56	78.00	131	
9.55	103.00	39	

Reviewer: HVW2, 20-Apr-2025 05:57:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

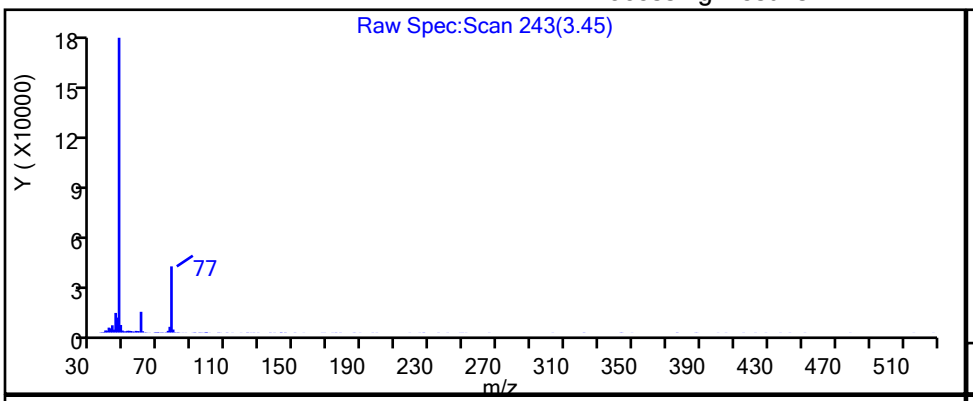
User Disabled Compound Report

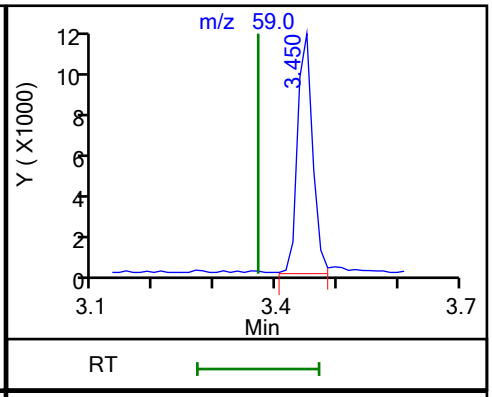
Eurofins Edison

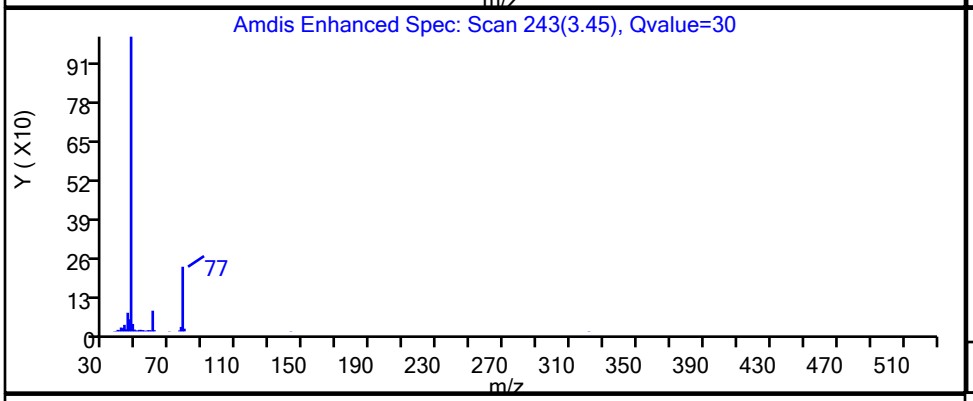
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

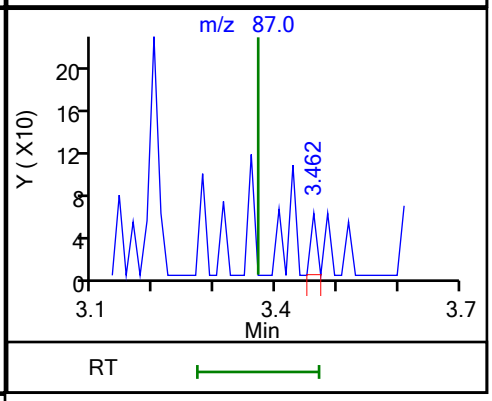
39 Tert-butyl ethyl ether, CAS: 637-92-3

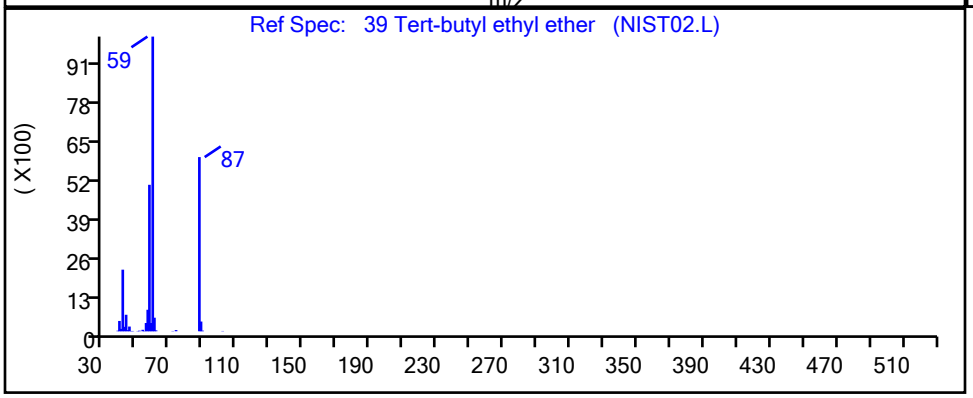
Processing Results











RT	Mass	Response	Amount
3.45	59.00	20379	1.789760
3.46	87.00	40	

Reviewer: HVW2, 20-Apr-2025 05:56:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

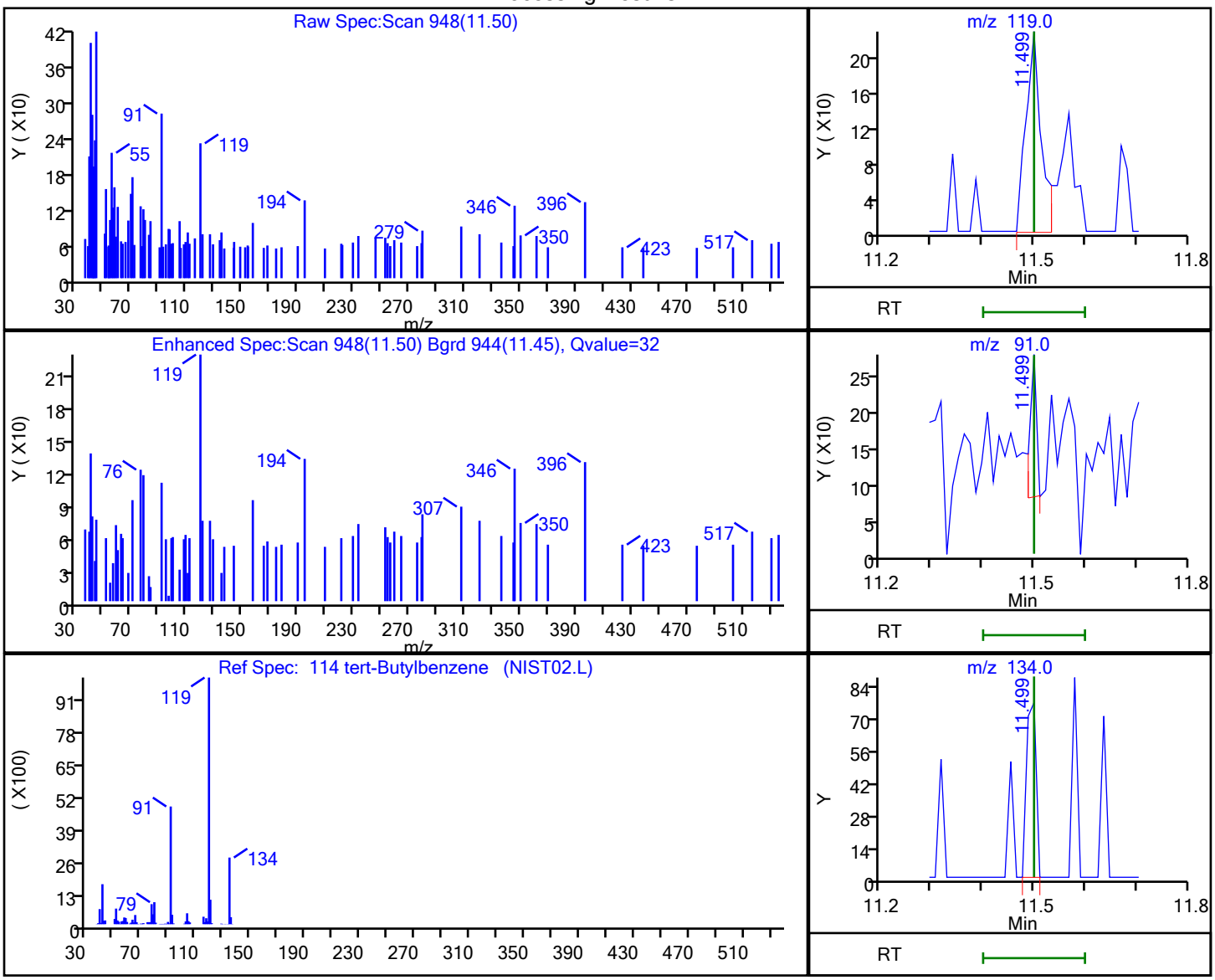
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

114 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
11.50	119.00	476	0.060002
11.50	91.00	176	
11.50	134.00	101	

Reviewer: HVW2, 20-Apr-2025 05:57:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

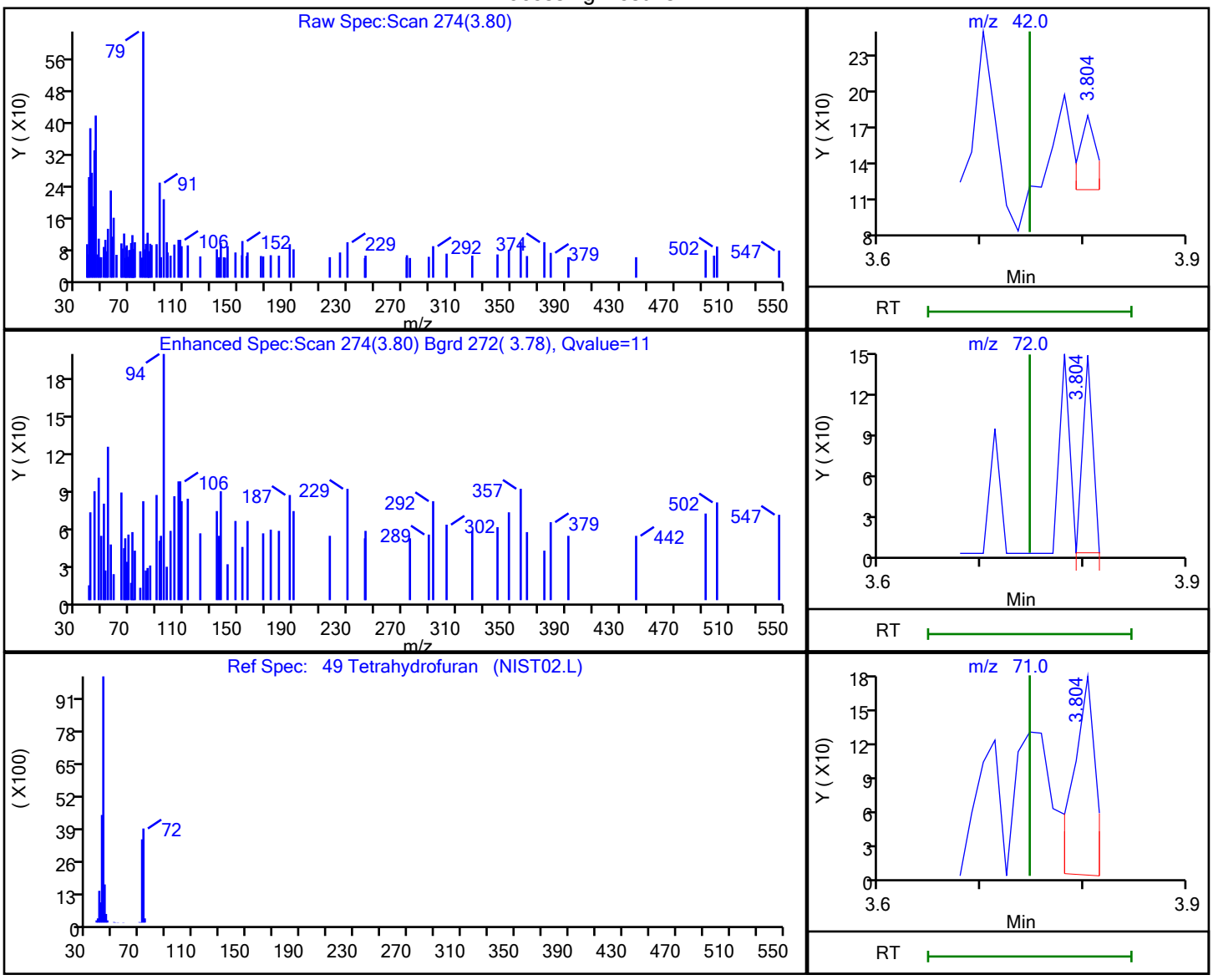
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.80	42.00	73	0.086895
3.80	72.00	98	
3.80	71.00	258	

Reviewer: HVW2, 20-Apr-2025 05:56:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

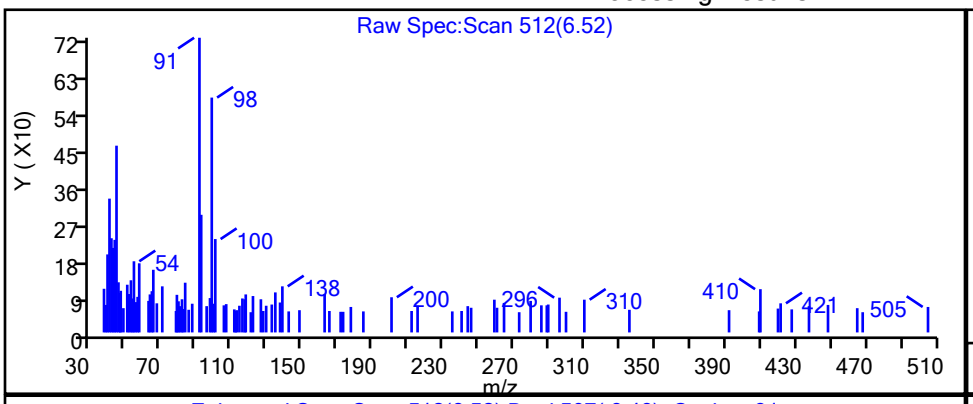
User Disabled Compound Report

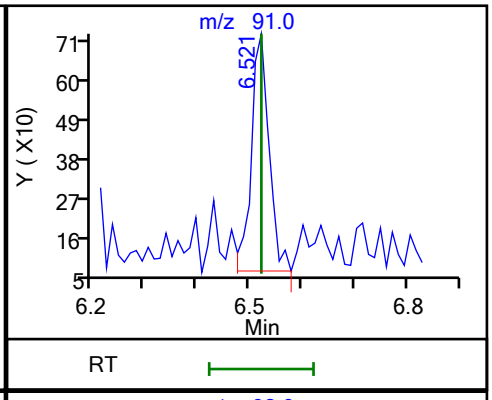
Eurofins Edison

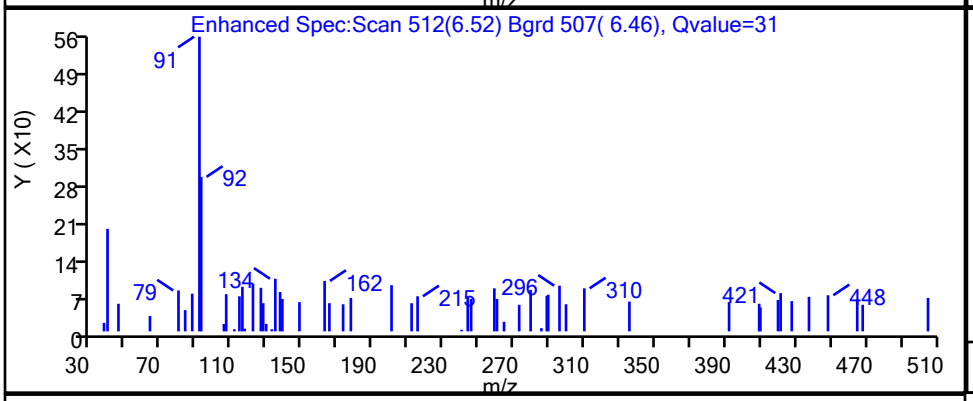
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

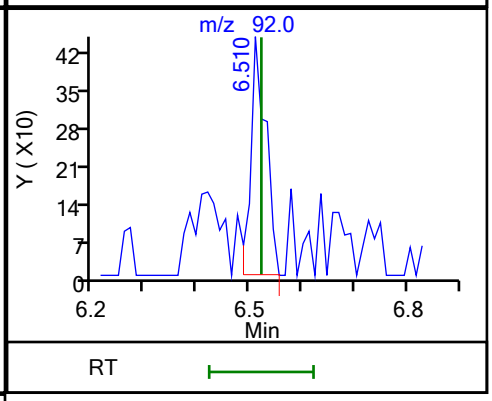
82 Toluene, CAS: 108-88-3

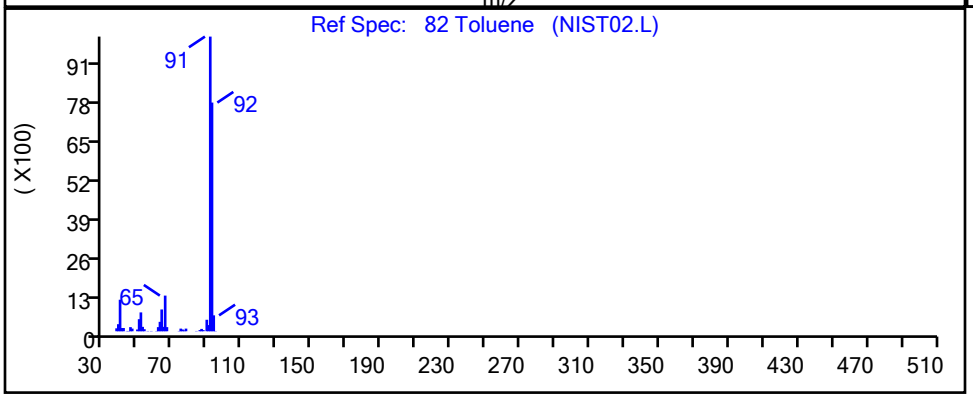
Processing Results











RT	Mass	Response	Amount
6.52	91.00	1582	0.112448
6.51	92.00	888	

Reviewer: HVW2, 20-Apr-2025 05:57:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

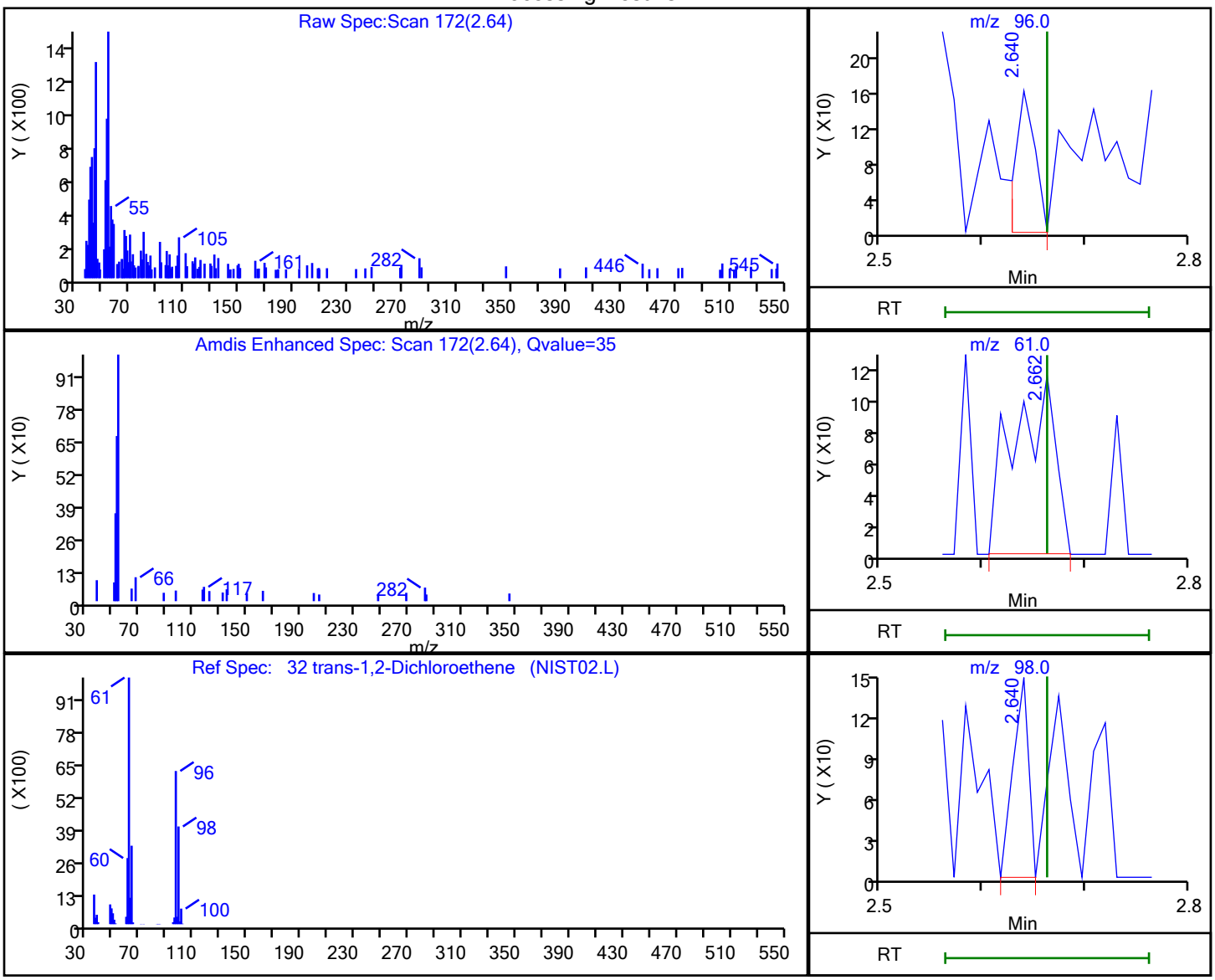
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.64	96.00	214	0.064353
2.66	61.00	323	
2.64	98.00	148	

Reviewer: HVW2, 20-Apr-2025 05:56:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

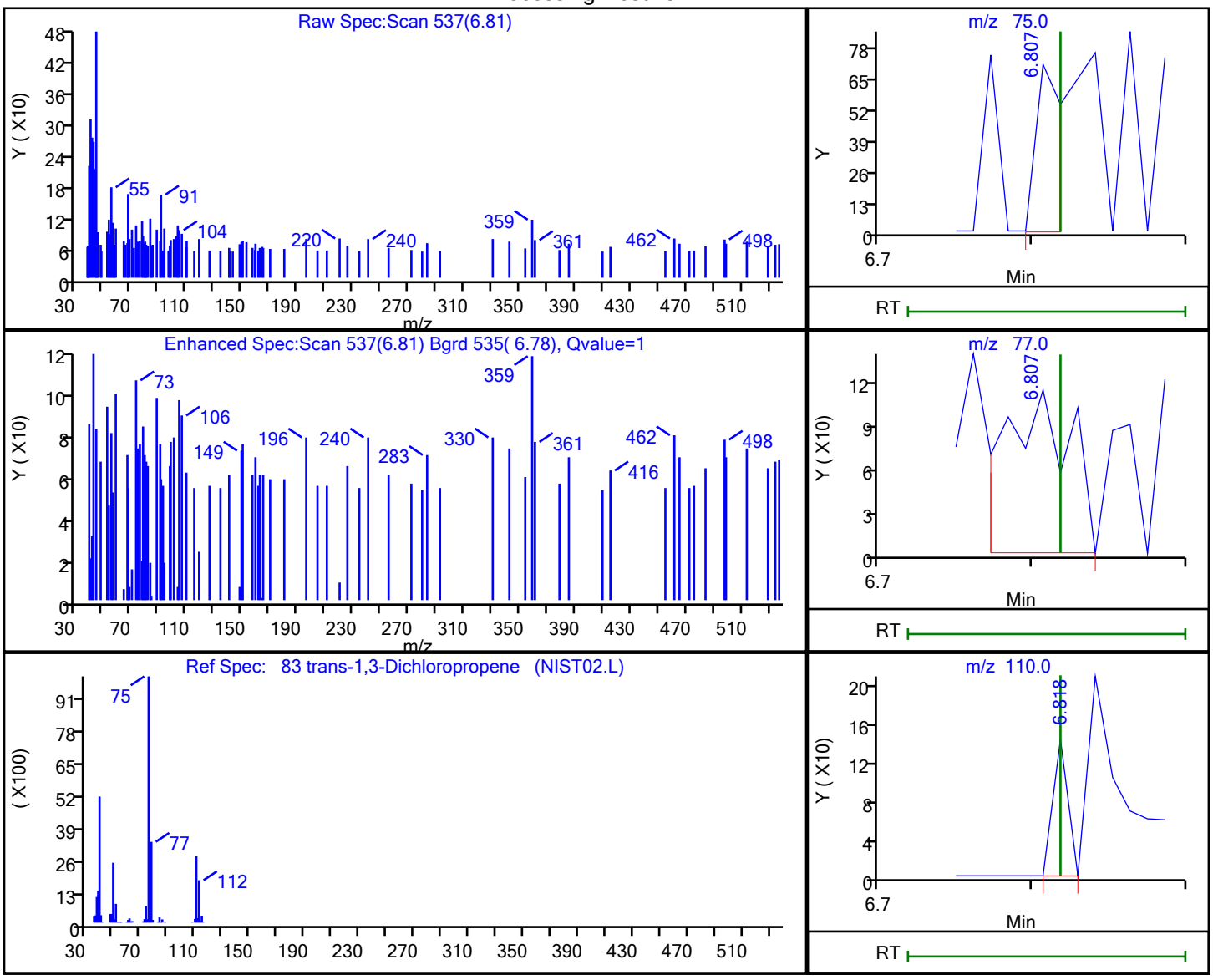
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

83 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.81	75.00	86	0.016522
6.81	77.00	334	
6.82	110.00	95	

Reviewer: HVW2, 20-Apr-2025 05:57:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

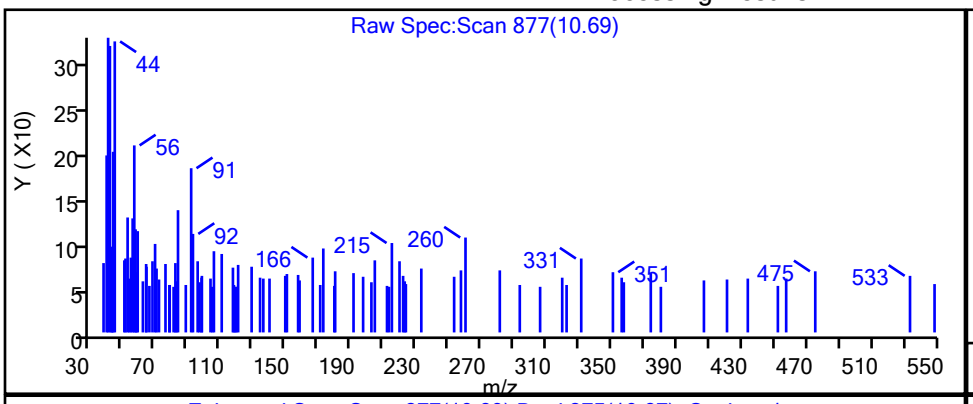
User Disabled Compound Report

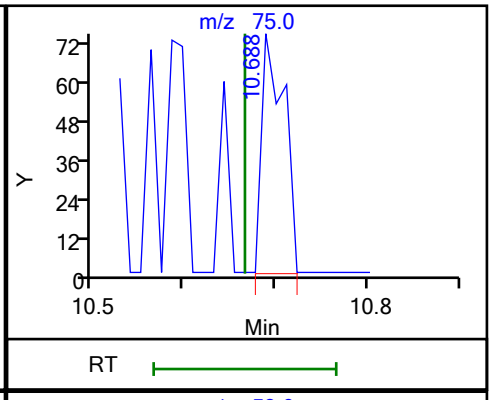
Eurofins Edison

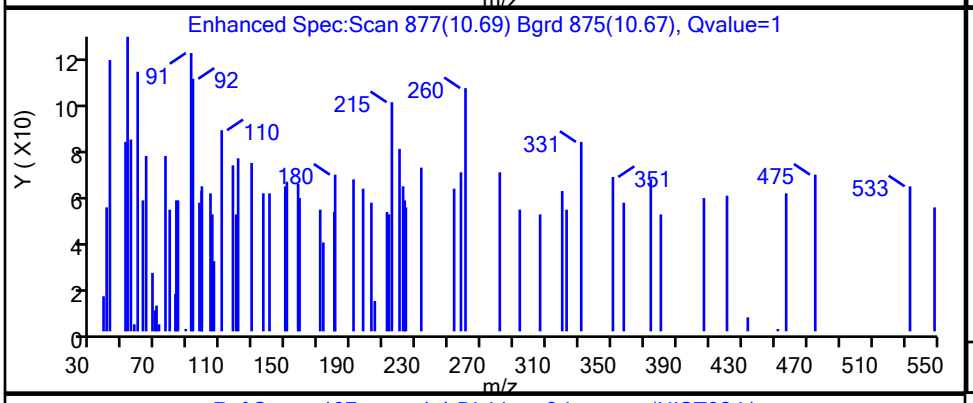
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

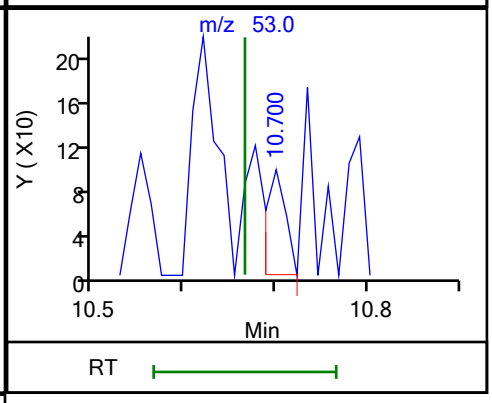
107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

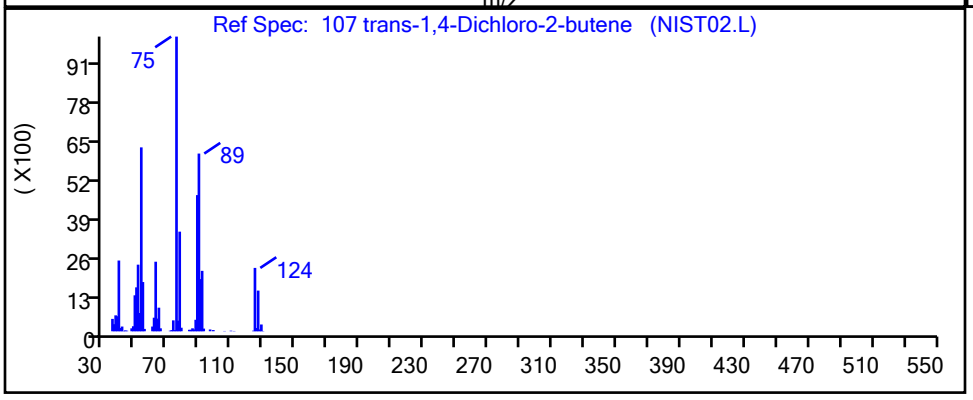
Processing Results











RT	Mass	Response	Amount
10.69	75.00	128	0.082766
10.70	53.00	143	

Reviewer: HVW2, 20-Apr-2025 05:57:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

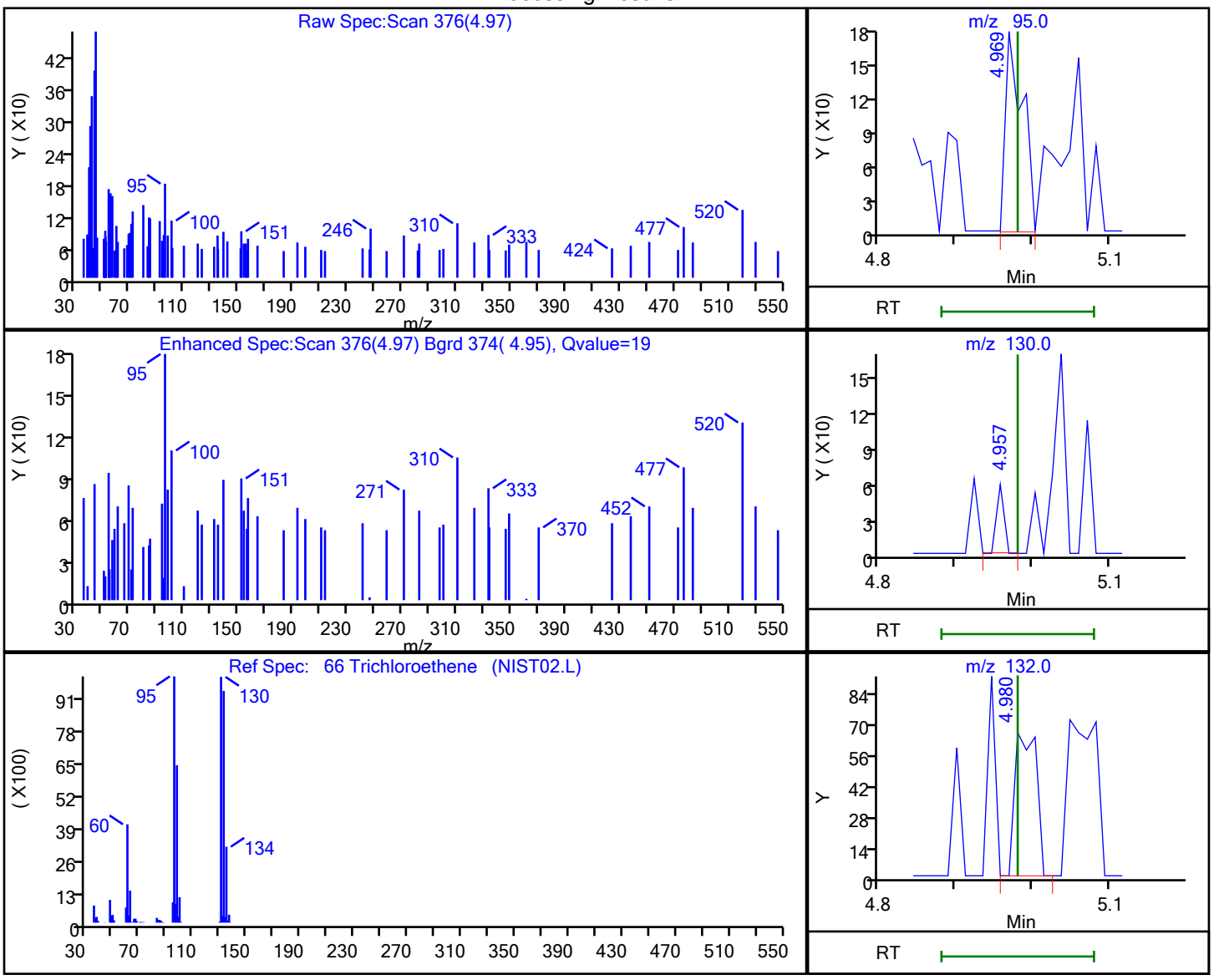
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.97	95.00	275	0.078072
4.96	130.00	40	
4.98	132.00	129	

Reviewer: HVW2, 20-Apr-2025 05:57:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

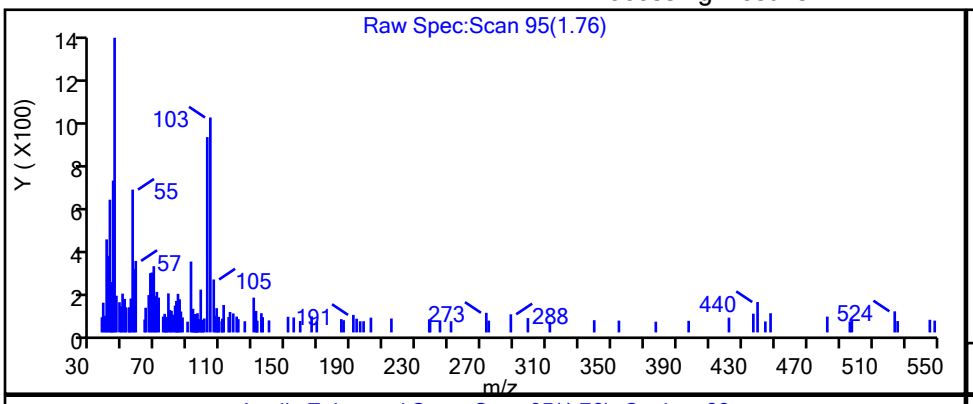
User Disabled Compound Report

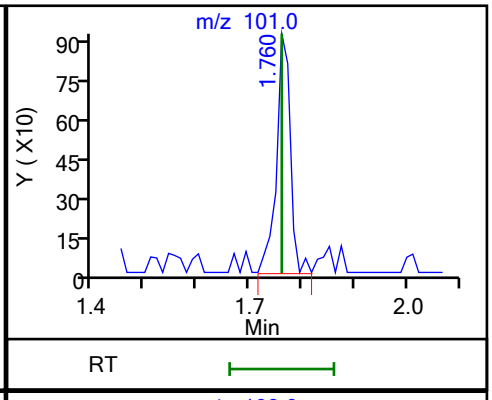
Eurofins Edison

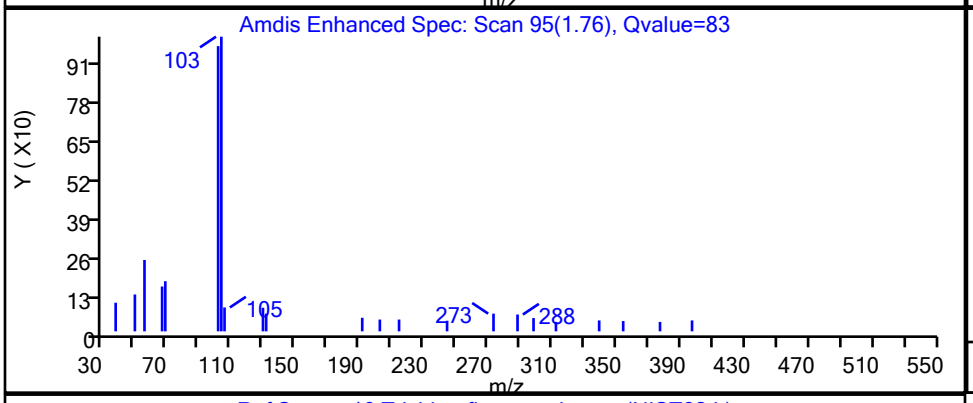
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

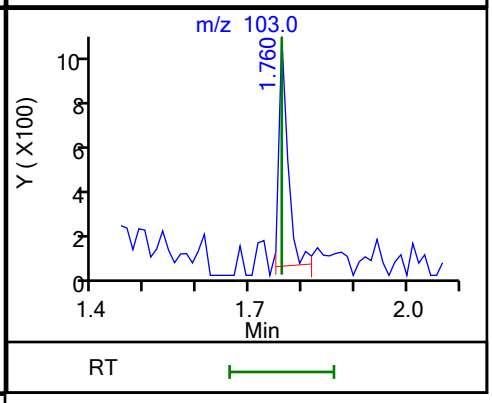
10 Trichlorofluoromethane, CAS: 75-69-4

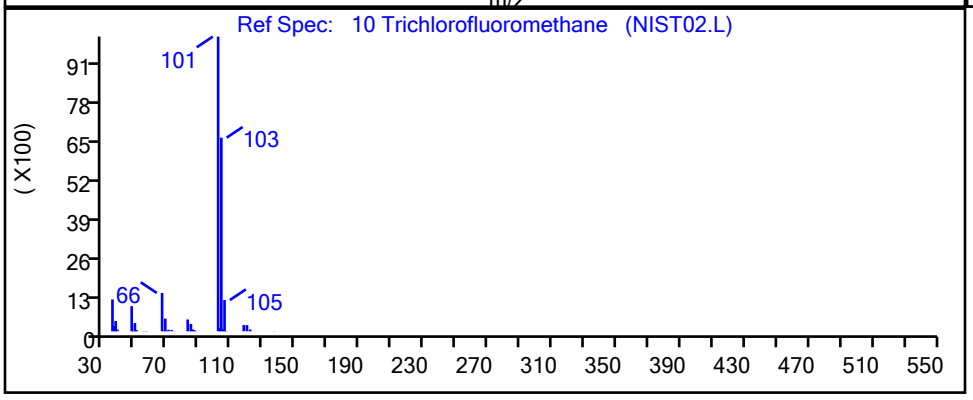
Processing Results











RT	Mass	Response	Amount
1.76	101.00	1695	0.340412
1.76	103.00	1171	

Reviewer: HVW2, 20-Apr-2025 05:55:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

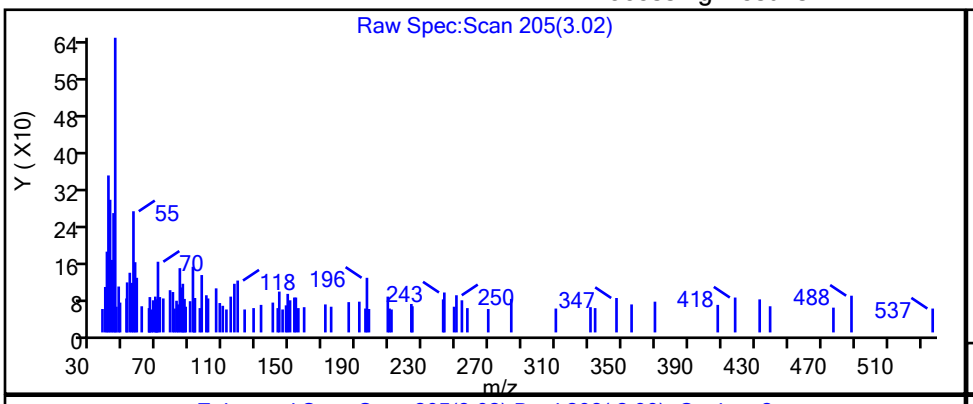
User Disabled Compound Report

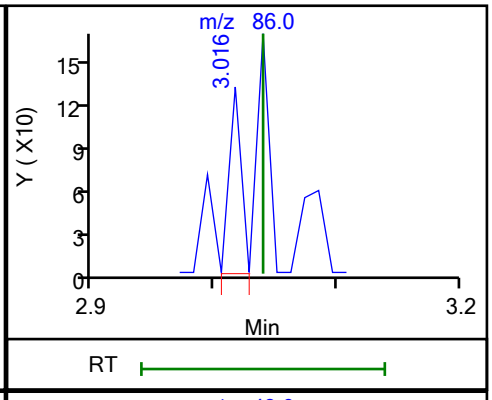
Eurofins Edison

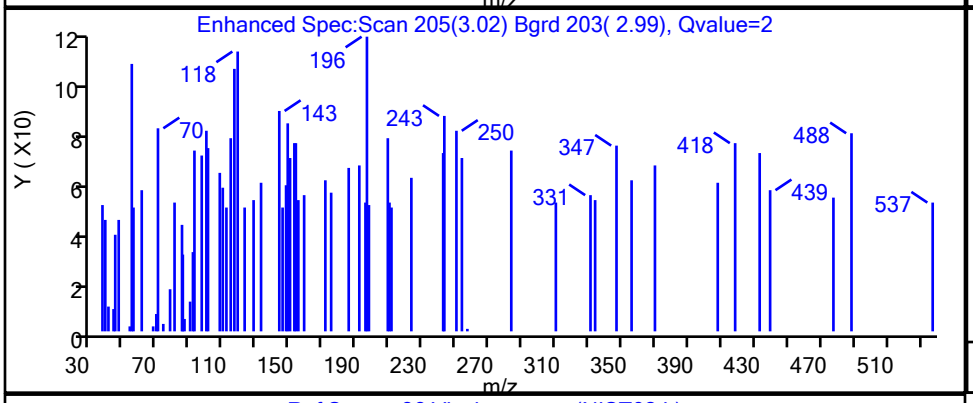
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d				
Injection Date:	19-Apr-2025 04:57:30	Instrument ID:	CVOAMS12		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

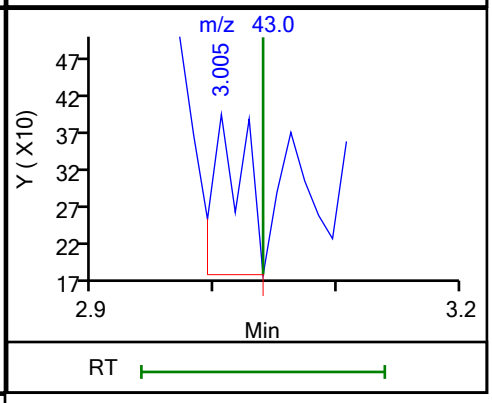
36 Vinyl acetate, CAS: 108-05-4

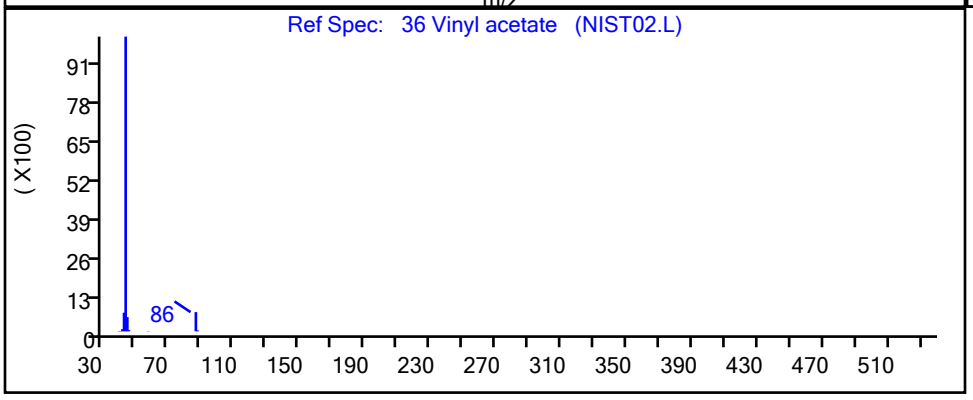
Processing Results











RT	Mass	Response	Amount
3.02	86.00	88	0.131034
3.00	43.00	399	

Reviewer: HVW2, 20-Apr-2025 05:56:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

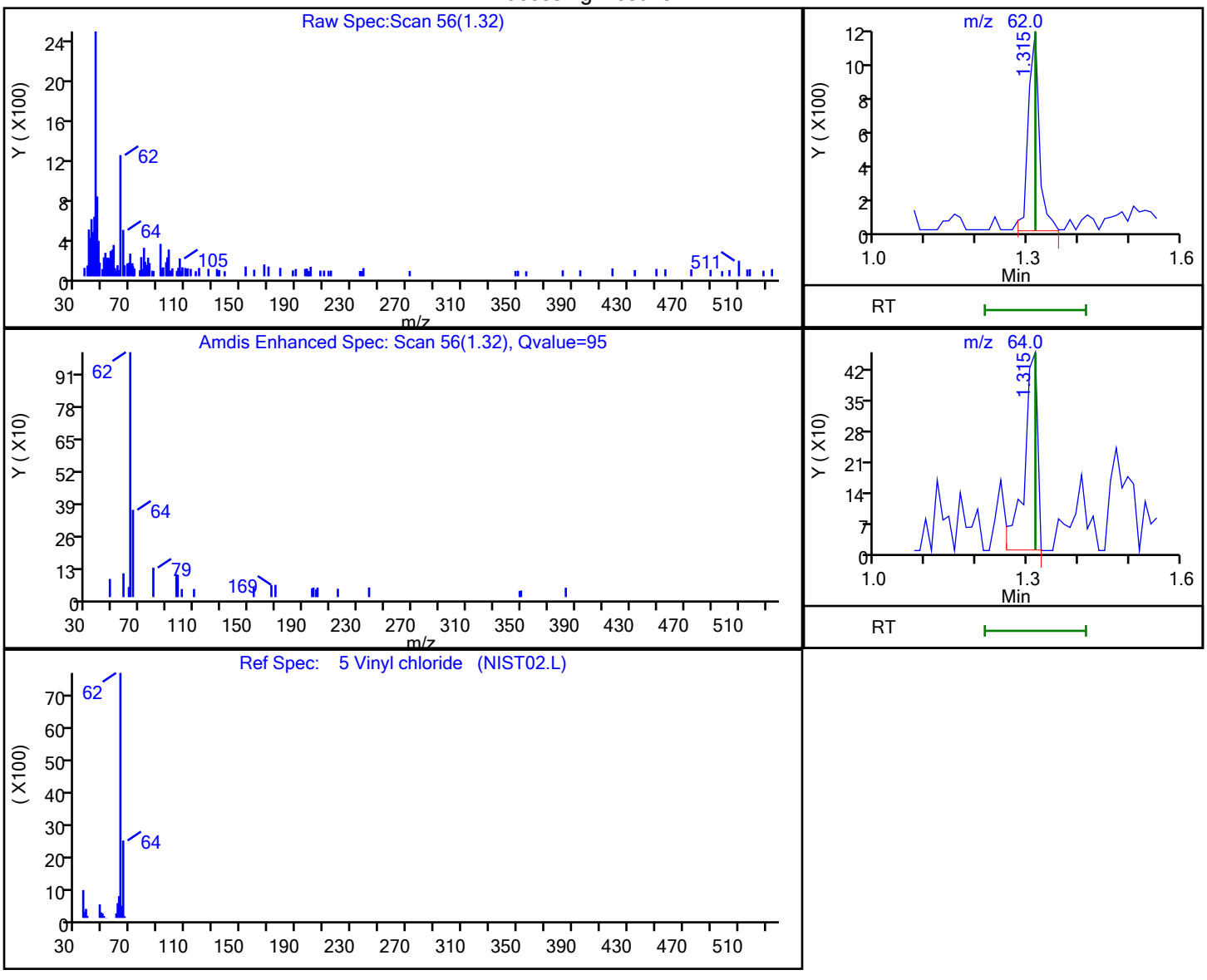
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28655.d
Injection Date: 19-Apr-2025 04:57:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.32	62.00	1778	0.434522
1.32	64.00	830	

Reviewer: NN6A, 21-Apr-2025 08:54:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Apr-2025 05:26:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0189580-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:51:25 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:03:06

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	18	288	0.5000	0.5444	a
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	95	2391	0.5000	0.6034	a
3	Chlorodifluoromethane	67	1.121	1.144	-0.023	22	323	0.5000	0.4595	
4	Chloromethane	50	1.270	1.281	-0.011	67	3107	0.5000	0.6062	
5	Vinyl chloride	62	1.315	1.315	0.000	78	2136	0.5000	0.5396	
6	Butadiene	54	1.338	1.338	0.000	85	1519	0.5000	0.4087	
7	Bromomethane	94	1.532	1.532	0.000	89	1740	0.5000	0.4908	
8	Chloroethane	64	1.601	1.589	0.012	75	1844	0.5000	0.6774	M
9	Dichlorofluoromethane	67	1.726	1.726	0.000	97	3373	0.5000	0.5139	
10	Trichlorofluoromethane	101	1.761	1.760	0.001	63	2256	0.5000	0.5222	
11	Pentane	57	1.818	1.829	-0.011	94	1034	1.00	1.16	M
12	Ethanol	46	1.886	1.875	0.011	77	703	20.0	64.9	
13	Ethyl ether	59	1.966	1.966	0.000	91	2365	0.5000	0.4614	M
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	60	795	0.5000	0.3015	
15	2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	92	2212	0.5000	0.6233	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	34	2382	0.5000	0.5982	
17	Acrolein	56	2.046	2.046	0.000	1	448	2.00	1.95	
18	1,1-Dichloroethene	96	2.114	2.114	0.000	89	1442	0.5000	0.5470	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	73	1702	0.5000	0.6113	
20	Acetone	43	2.149	2.149	0.000	75	2291	2.50	2.99	
21	Iodomethane	142	2.217	2.217	0.000	84	1042	0.5000	0.2249	
22	Isopropyl alcohol	45	2.251	2.251	0.000	39	899	5.00	7.73	
23	Carbon disulfide	76	2.274	2.263	0.011	100	5096	0.5000	0.4863	
24	Acetonitrile	40	2.343	2.343	0.000	71	2428	5.00	6.27	
25	3-Chloro-1-propene	76	2.377	2.366	0.011	89	1008	0.5000	0.5393	
26	Methyl acetate	43	2.388	2.388	0.000	79	1868	1.00	1.33	
27	Cyclopentene	67	2.434	2.434	0.000	89	4279	0.5000	0.4792	
28	Methylene Chloride	84	2.457	2.457	0.000	93	2250	0.5000	0.6491	a
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	187543	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	43	1840	5.00	6.46	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	80	2283	5.00	2.68	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	96	1944	0.5000	0.5951	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	95	4640	0.5000	0.4660	
34 Hexane	57	2.879	2.891	-0.012	88	2489	0.5000	0.5989	
35 1,1-Dichloroethane	63	2.994	2.993	0.001	97	2857	0.5000	0.5134	
36 Vinyl acetate	86	3.039	3.039	0.000	97	504	1.00	0.7813	
37 Isopropyl ether	45	3.062	3.062	0.000	95	5543	0.5000	0.4872	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	83	1580	0.5000	0.5209	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	87	5487	0.5000	0.4905	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	283152	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	91	1554	0.5000	0.5108	
42 2,2-Dichloropropane	97	3.484	3.496	-0.012	57	414	0.5000	0.3978	M
43 2-Butanone (MEK)	72	3.507	3.507	0.000	74	1151	2.50	3.20	
44 Propionitrile	54	3.553	3.541	0.012	45	1196	5.00	4.19	
45 Ethyl acetate	43	3.564	3.564	0.000	88	3916	1.00	1.08	M
46 Methyl acrylate	55	3.587	3.599	-0.012	64	1350	0.5000	0.4344	
47 Methacrylonitrile	67	3.690	3.690	0.000	93	5875	5.00	4.69	
48 Chlorobromomethane	128	3.690	3.690	0.000	45	654	0.5000	0.5026	
49 Tetrahydrofuran	42	3.747	3.747	0.000	39	1026	1.00	1.27	
50 Chloroform	83	3.770	3.770	0.000	93	2930	0.5000	0.5485	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	108344	50.0	50.1	
52 1,1,1-Trichloroethane	97	3.941	3.952	-0.011	86	2425	0.5000	0.5155	
53 Cyclohexane	84	3.998	3.998	0.000	94	2641	0.5000	0.5901	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	86	2452	0.5000	0.5267	
54 Carbon tetrachloride	117	4.101	4.101	0.000	82	2009	0.5000	0.5295	
56 Isobutyl alcohol	43	4.249	4.238	0.011	28	1943	12.5	12.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	160396	50.0	50.0	
58 Benzene	78	4.307	4.306	0.000	95	6592	0.5000	0.5086	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	63	2848	0.5000	0.5805	
60 Isopropyl acetate	61	4.409	4.398	0.011	92	819	0.5000	0.6321	
61 Isooctane	57	4.409	4.409	0.000	70	3791	0.5000	0.4983	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	90	4344	0.5000	0.4573	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	479143	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	36	1989	0.5000	0.5656	
65 n-Butanol	56	4.946	4.946	0.000	75	1409	12.5	13.0	
66 Trichloroethene	95	4.980	4.980	0.000	91	1734	0.5000	0.5122	
67 Ethyl acrylate	55	5.129	5.128	0.001	95	2008	0.5000	0.4506	
68 Methylcyclohexane	83	5.186	5.197	-0.011	89	2680	0.5000	0.5771	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	87	1903	0.5000	0.5045	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	27529	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	68	1292	0.5000	0.6742	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	895	1.00	1.03	
73 1,4-Dioxane	88	5.403	5.402	0.001	39	1083	25.0	28.7	M
74 n-Propyl acetate	43	5.482	5.471	0.011	95	2428	0.5000	0.4730	
75 Dichlorobromomethane	83	5.540	5.551	-0.011	97	2191	0.5000	0.5034	
76 2-Nitropropane	41	5.825	5.825	0.000	90	1113	1.00	0.9237	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	88	1489	0.5012	0.6237	
78 Epichlorohydrin	57	5.985	5.985	0.000	35	3164	10.0	10.4	
79 cis-1,3-Dichloropropene	75	6.099	6.087	0.012	94	2712	0.5000	0.4947	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	7536	2.50	2.13	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	493833	50.0	50.1	
82 Toluene	91	6.521	6.521	0.000	94	7734	0.5000	0.5469	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	93	2363	0.5000	0.4516	
84 Ethyl methacrylate	69	7.001	7.001	0.000	77	2312	0.5000	0.5141	
85 1,1,2-Trichloroethane	83	7.058	7.069	-0.011	85	1627	0.5000	0.6324	
86 Tetrachloroethene	166	7.252	7.241	0.011	78	1685	0.5000	0.5513	a
87 1,3-Dichloropropane	76	7.286	7.286	0.000	93	2565	0.5000	0.5108	
88 2-Hexanone	43	7.446	7.446	0.000	97	5154	2.50	2.12	
89 Chlorodibromomethane	129	7.583	7.583	0.000	71	1315	0.5000	0.4755	
90 n-Butyl acetate	43	7.674	7.674	0.000	95	2151	0.5000	0.3961	
91 Ethylene Dibromide	107	7.720	7.731	-0.011	67	1560	0.5000	0.5547	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	349554	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	4437	0.5000	0.5284	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.611	0.000	87	1354	0.5000	0.4948	
95 Ethylbenzene	106	8.668	8.668	0.000	97	2445	0.5000	0.5308	
96 m-Xylene & p-Xylene	106	8.862	8.850	0.012	0	2642	0.5000	0.4851	
97 o-Xylene	106	9.456	9.455	0.001	91	2927	0.5000	0.5303	
98 Styrene	104	9.490	9.490	0.000	88	4198	0.5000	0.4592	
99 n-Butyl acrylate	73	9.501	9.513	-0.011	89	1126	0.5000	0.4440	
100 Bromoform	173	9.707	9.718	-0.011	54	871	0.5000	0.4852	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	88	3142	0.5000	0.5084	
102 Isopropylbenzene	105	10.072	10.072	0.000	95	6495	0.5000	0.5162	
$ 103 4-Bromofluorobenzene	174	10.278	10.277	0.001	82	127248	50.0	47.3	
104 Bromobenzene	156	10.483	10.483	0.000	94	1719	0.5000	0.5297	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.563	0.011	94	2102	0.5000	0.5342	
106 1,2,3-Trichloropropane	75	10.597	10.609	-0.012	86	1519	0.5000	0.4855	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	22	829	0.5000	0.5557	Ma
108 N-Propylbenzene	91	10.746	10.746	0.000	98	7353	0.5000	0.5002	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	4918	0.5000	0.5120	
110 4-Ethyltoluene	105	10.940	10.951	-0.011	97	6002	0.5000	0.5202	
111 4-Chlorotoluene	91	11.020	11.020	0.000	96	4968	0.5000	0.4654	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	90	4684	0.5000	0.5098	
113 Butyl Methacrylate	87	11.282	11.282	0.000	91	1312	0.5000	0.3841	
114 tert-Butylbenzene	119	11.499	11.499	0.000	89	4020	0.5000	0.4919	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	94	4133	0.5000	0.4708	a
116 sec-Butylbenzene	105	11.750	11.750	0.000	97	5135	0.5000	0.4444	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	89	2935	0.5000	0.4951	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	171198	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	72	2815	0.5000	0.4675	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	95	4414	0.5000	0.4611	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	97	3886	0.5000	0.4341	
122 Benzyl chloride	126	12.059	12.058	0.001	77	295	0.5000	0.2106	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	90	4481	0.5000	0.4563	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	91	2841	0.5000	0.4954	
125 p-Diethylbenzene	119	12.264	12.264	0.000	92	2860	0.5000	0.5295	
126 n-Butylbenzene	92	12.276	12.275	0.001	97	2206	0.5000	0.5029	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	95	5022	0.5000	0.6245	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	36	335	0.5000	0.4501	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	94	1307	0.5000	0.4377	
130 1,2,4-Trichlorobenzene	180	13.372	13.371	0.001	87	1519	0.5000	0.5073	
131 Hexachlorobutadiene	225	13.497	13.486	0.011	76	674	0.5000	0.5334	
132 Naphthalene	128	13.520	13.520	0.000	98	4190	0.5000	0.5322	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	90	1397	0.5000	0.5094	
S 135 1,2-Dichloroethene, Total	100				0		1.00	1.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		1.00	1.02	
S 137 Total BTEX	1				0		2.50	2.60	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

14DIOXINTER_00183	Amount Added:	15.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	5.00	Units: uL	
GASES Li_00637	Amount Added:	5.00	Units: uL	
524FREONS_00033	Amount Added:	5.00	Units: uL	
ACROLEIN W_00182	Amount Added:	2.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:51:26 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d

Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12 Operator ID:

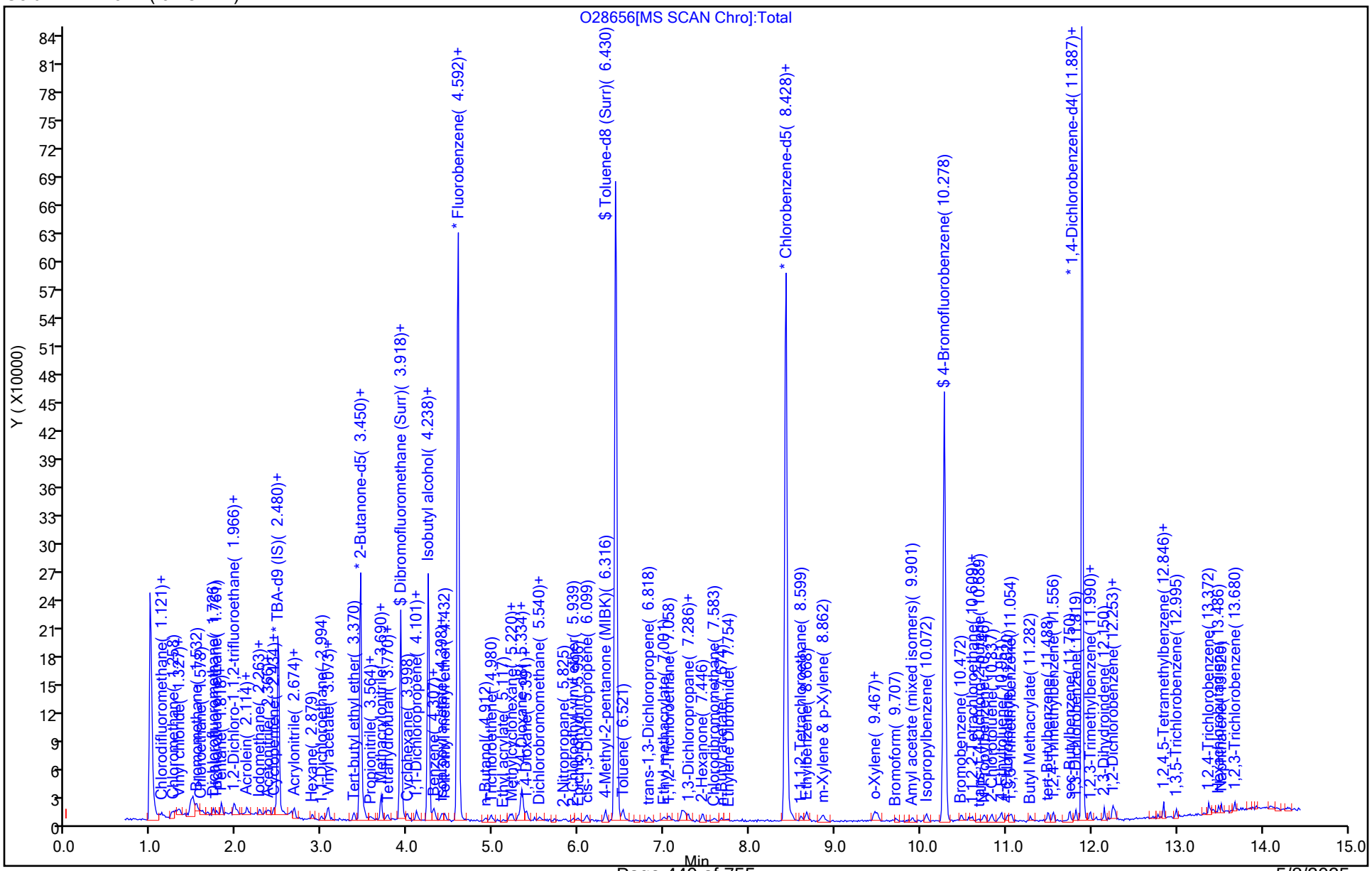
Lims ID: STD05 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

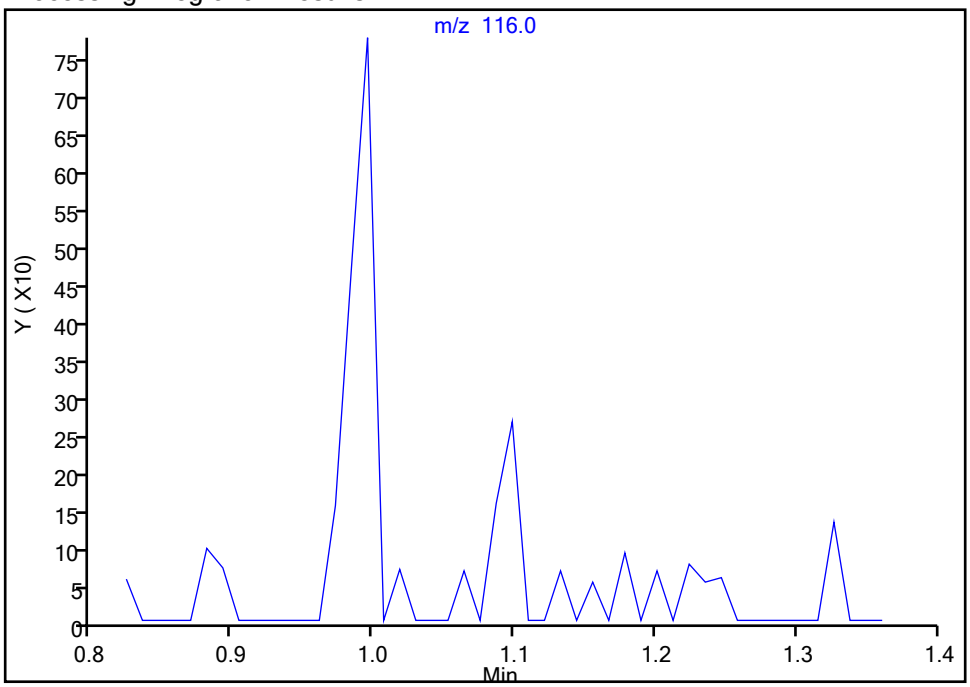
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

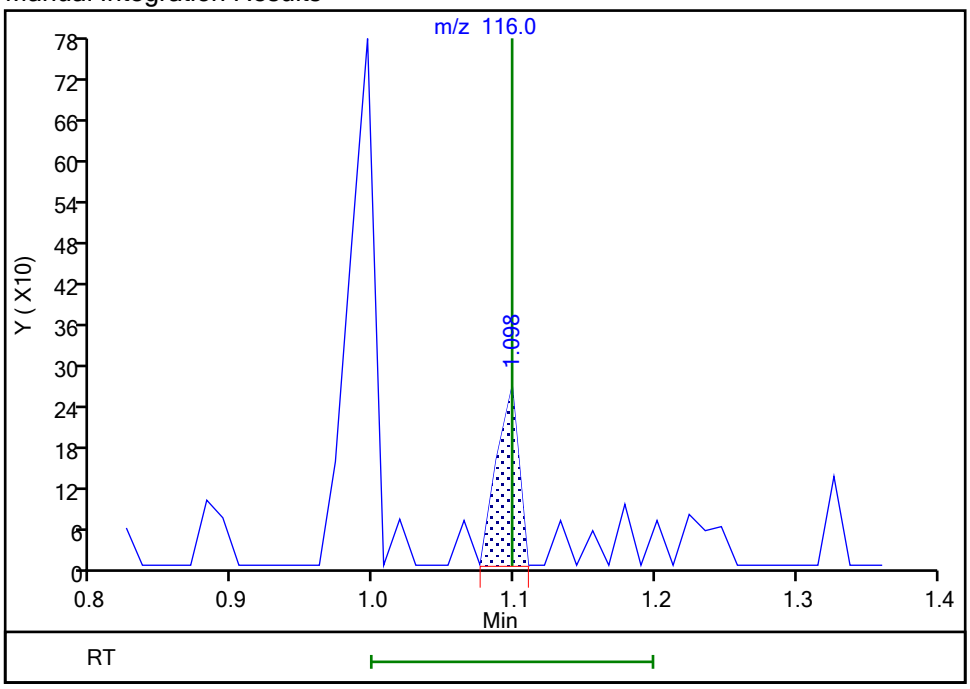
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.10
Area: 288
Amount: 0.544393
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 05:59:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

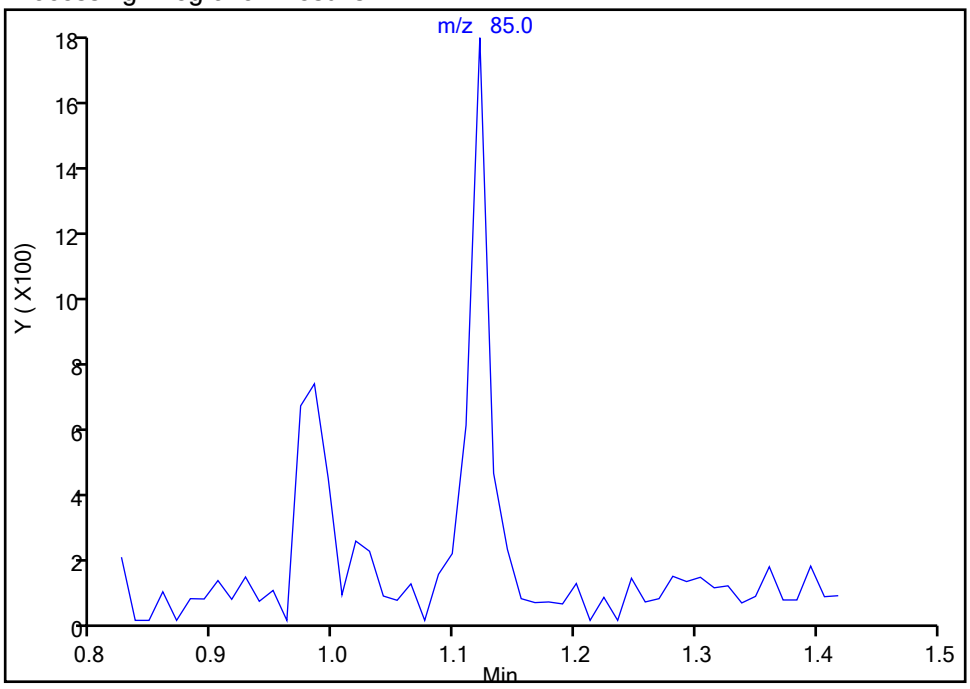
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

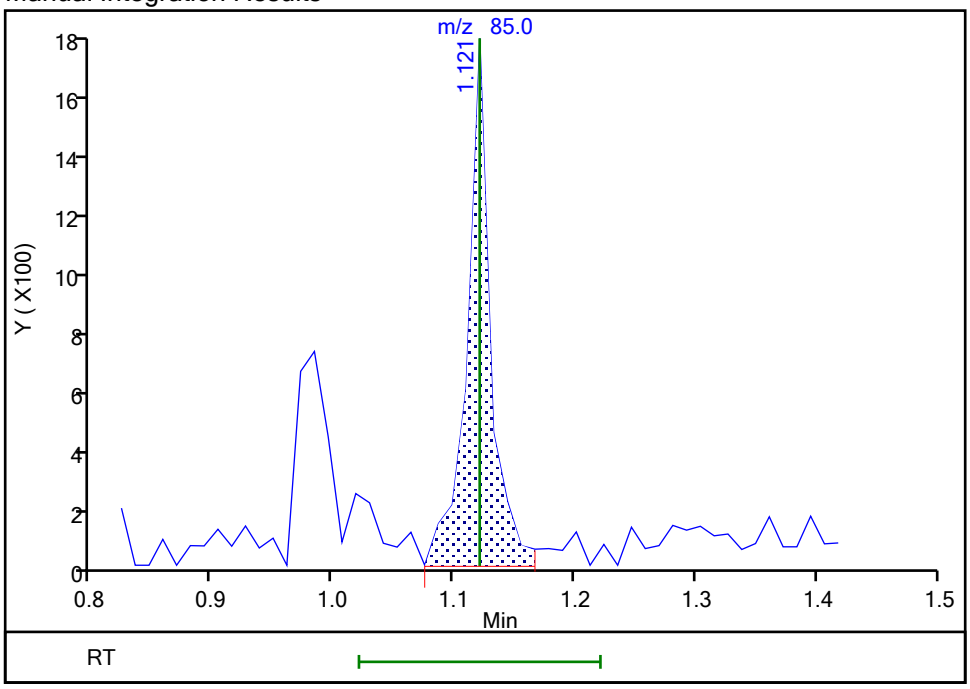
Not Detected
Expected RT: 1.12

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 2391
Amount: 0.603360
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 05:59:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

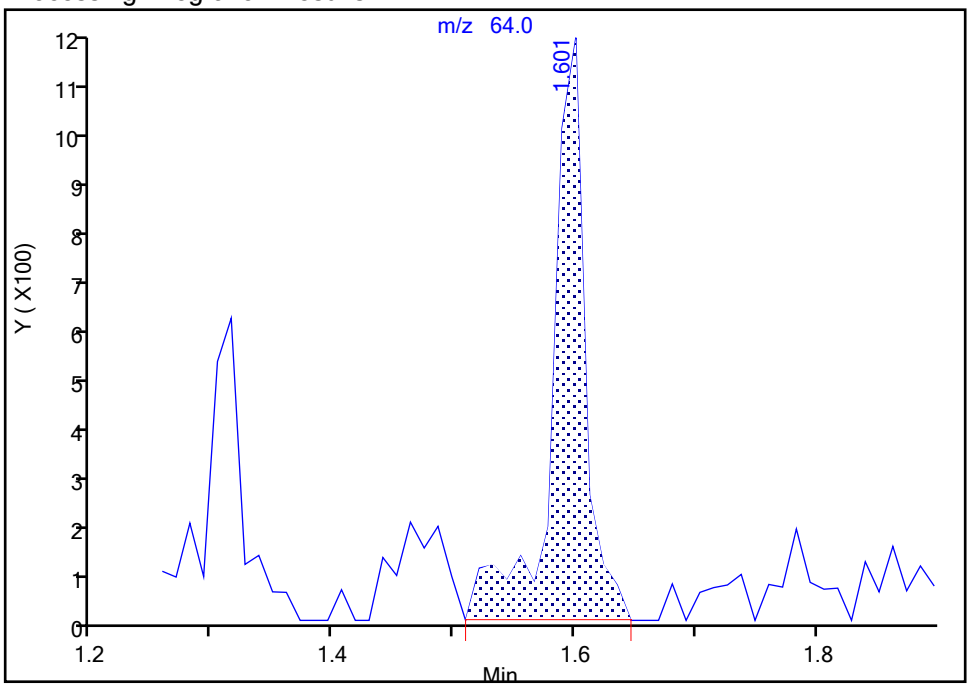
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Chloroethane, CAS: 75-00-3

Signal: 1

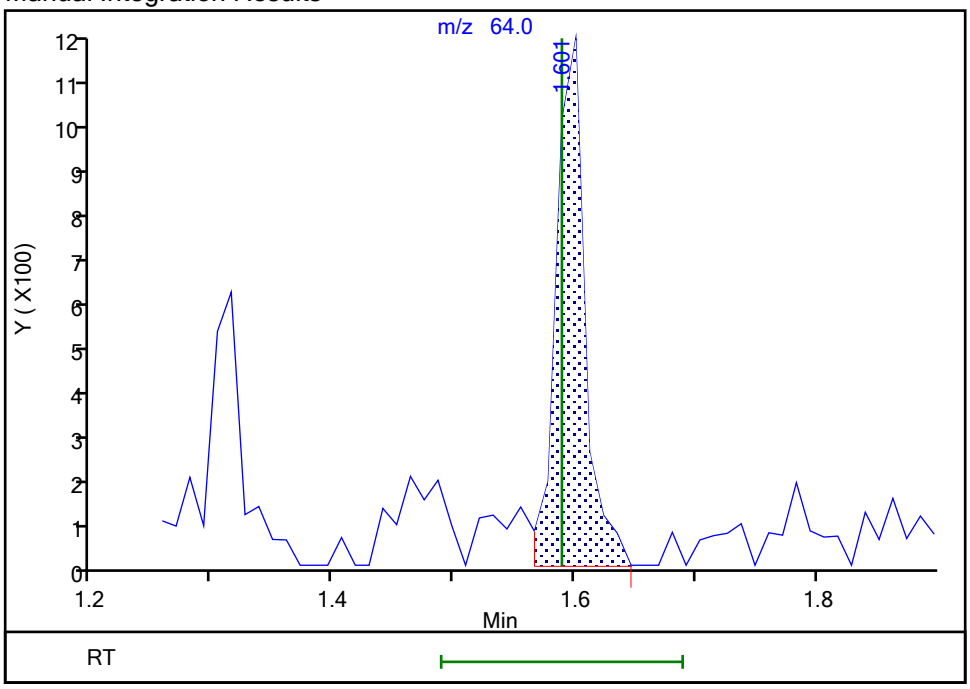
Processing Integration Results

RT: 1.60
Area: 2119
Amount: 0.827337
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 1844
Amount: 0.677394
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:56:05 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

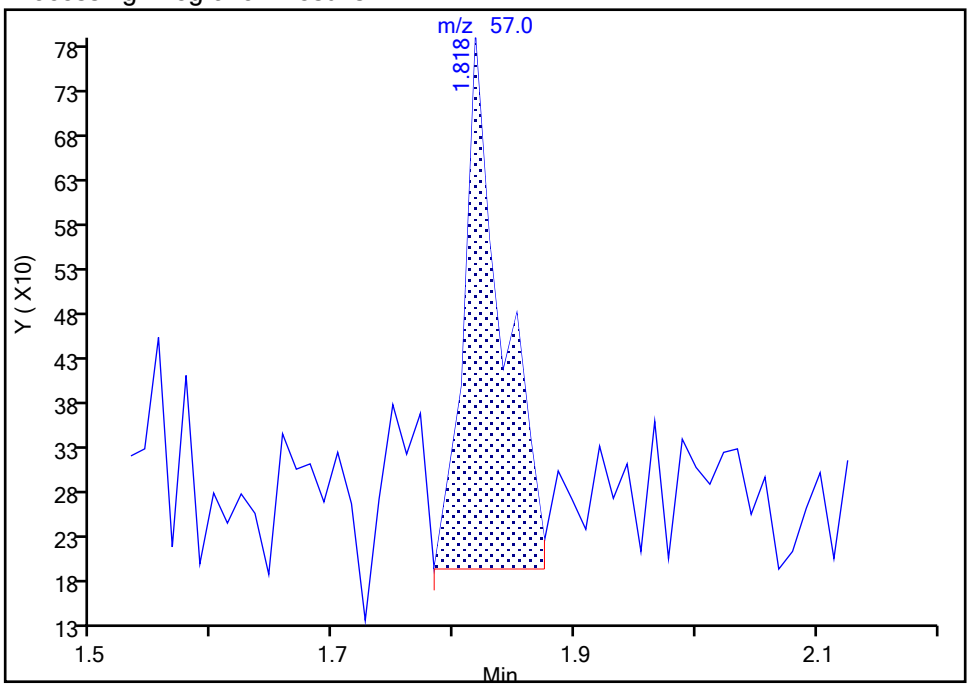
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Signal: 1

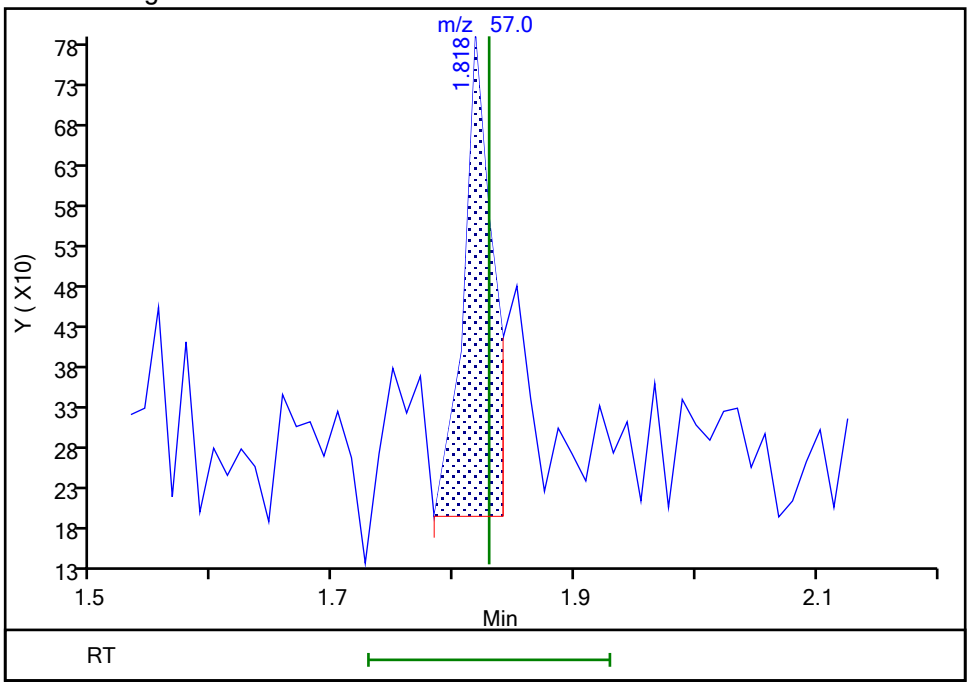
Processing Integration Results

RT: 1.82
Area: 1355
Amount: 0.809052
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 1034
Amount: 1.160204
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 09:10:10 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

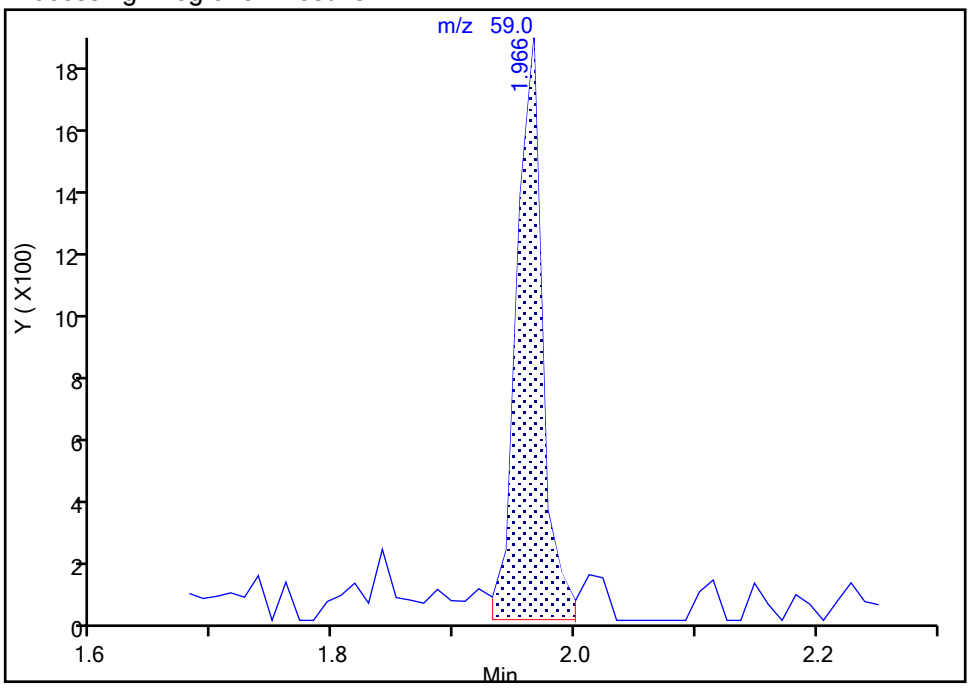
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Ethyl ether, CAS: 60-29-7

Signal: 1

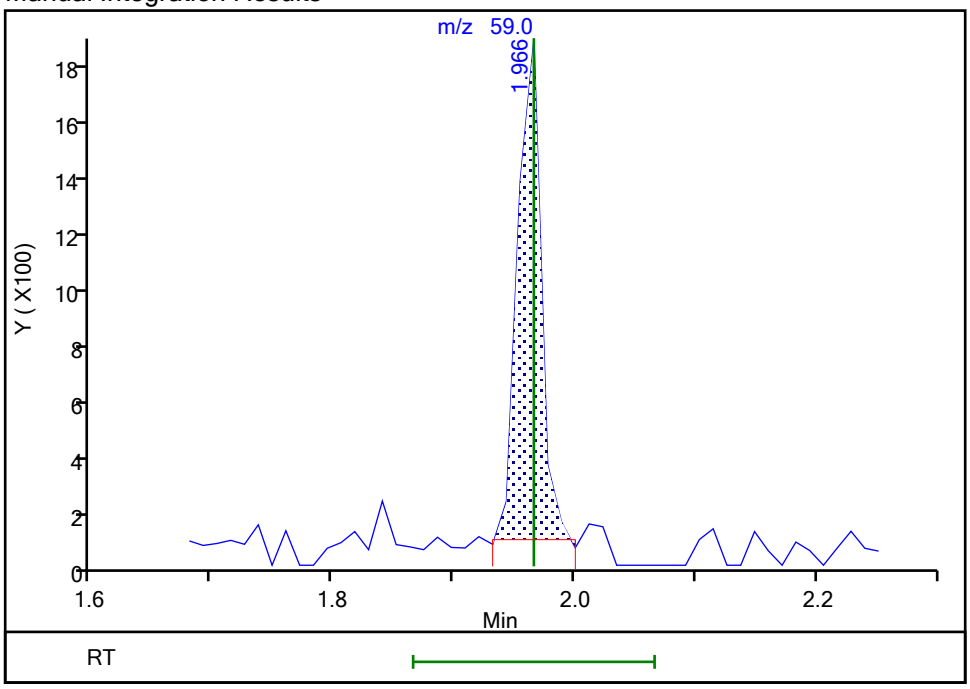
Processing Integration Results

RT: 1.97
Area: 2801
Amount: 0.813555
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 2365
Amount: 0.461364
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 09:29:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

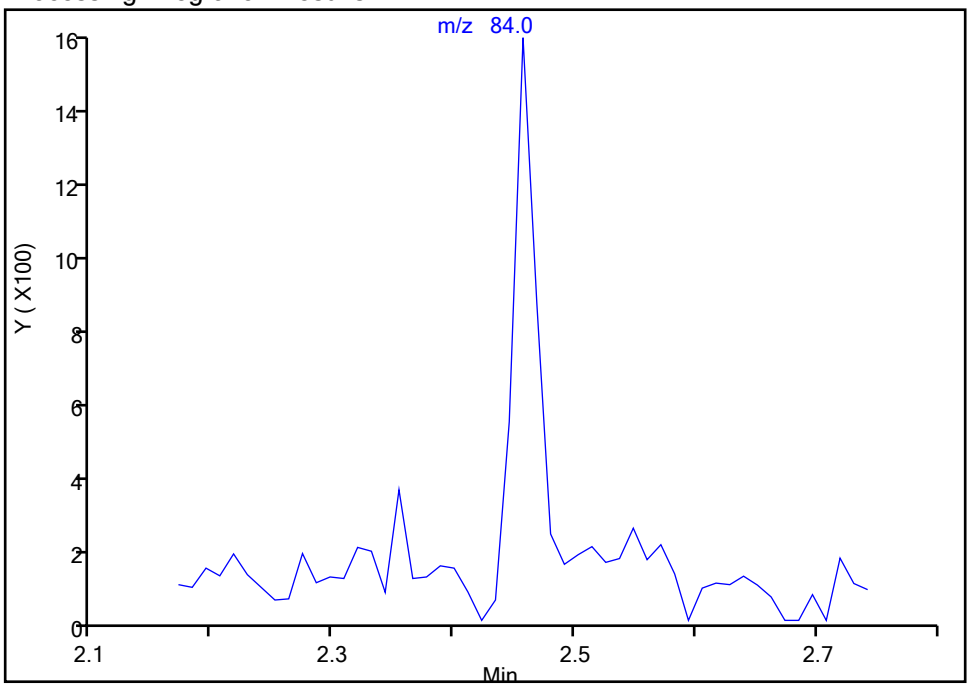
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

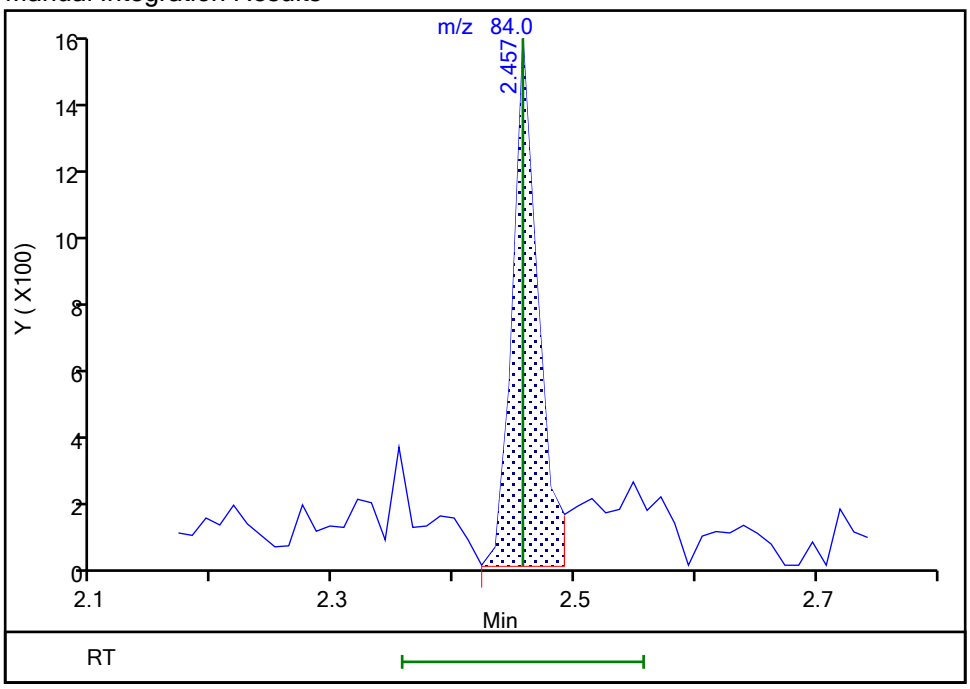
Not Detected
Expected RT: 2.46

Processing Integration Results



Manual Integration Results

RT: 2.46
Area: 2250
Amount: 0.649070
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:00:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

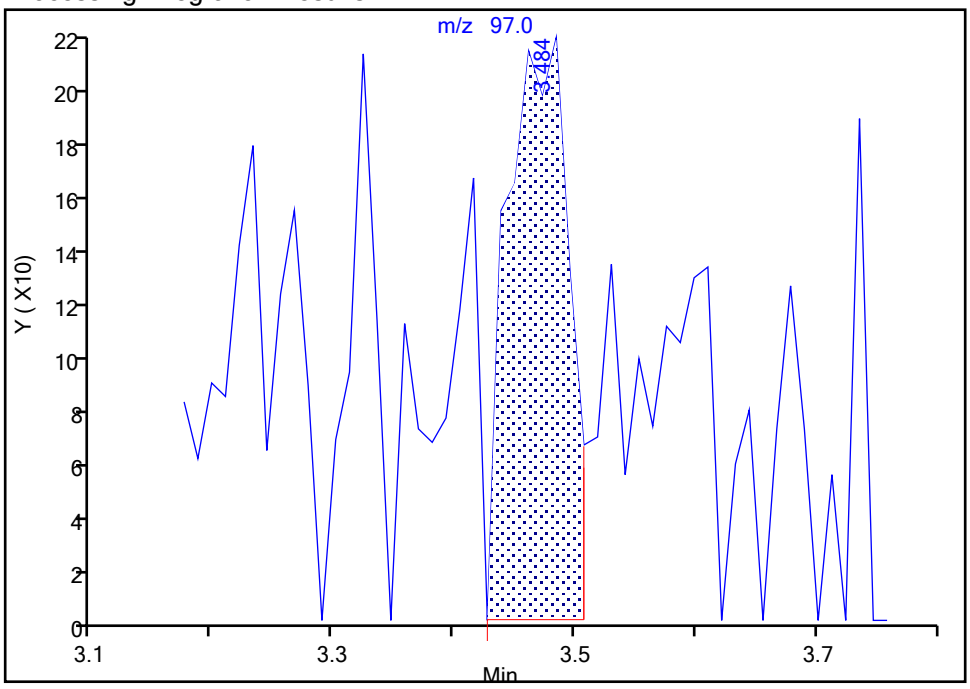
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

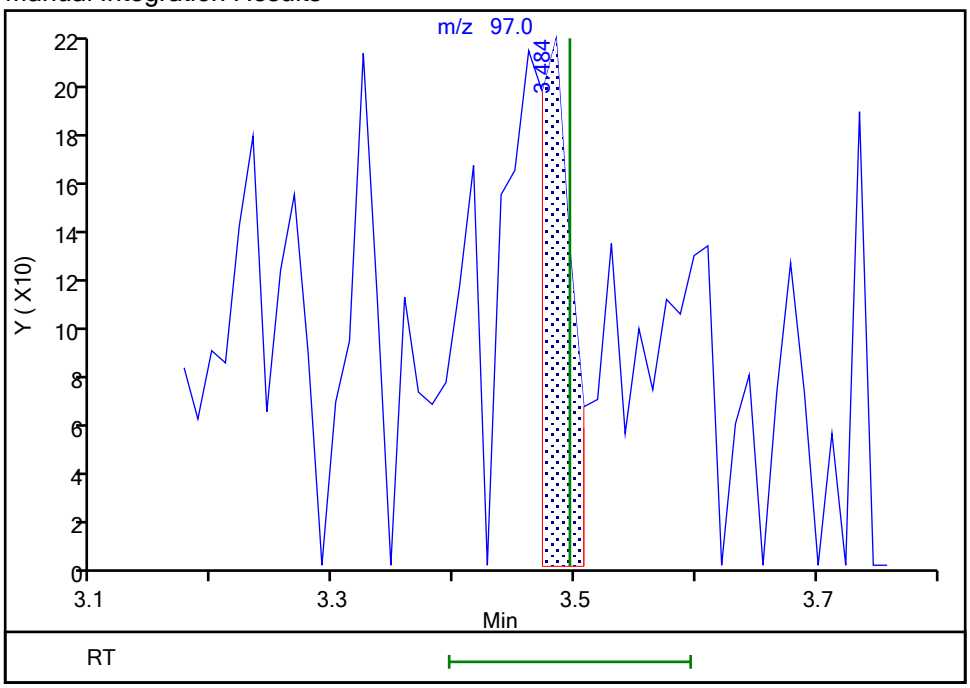
Processing Integration Results

RT: 3.48
Area: 773
Amount: 0.718287
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 414
Amount: 0.397802
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:56:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

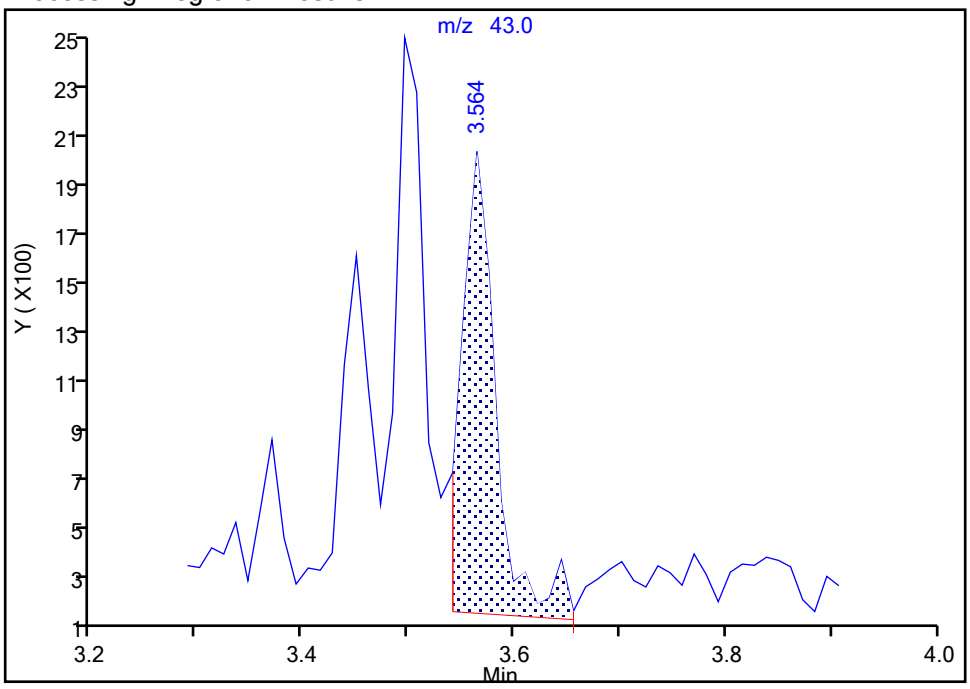
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

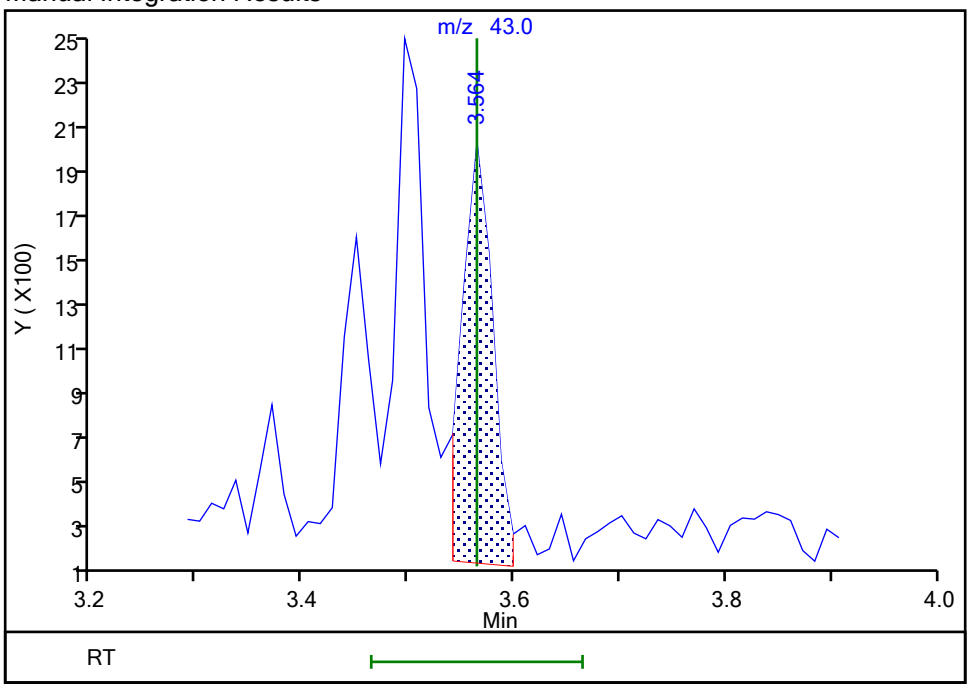
Processing Integration Results

RT: 3.56
Area: 4325
Amount: 1.205652
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 3916
Amount: 1.077532
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:56:48 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

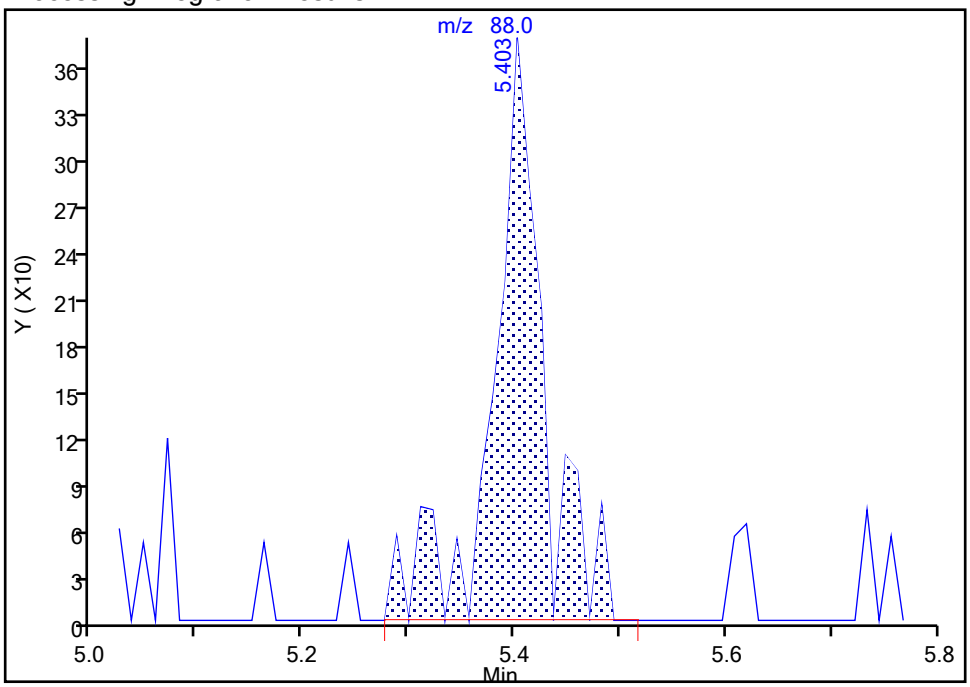
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

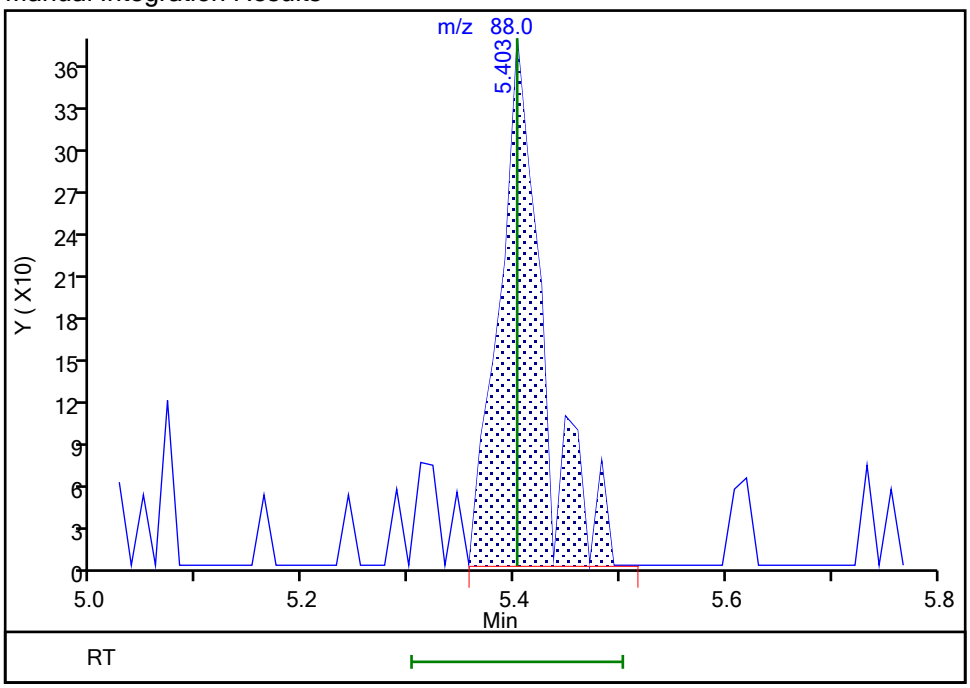
Processing Integration Results

RT: 5.40
Area: 1254
Amount: 32.423943
Amount Units: ug/l



Manual Integration Results

RT: 5.40
Area: 1083
Amount: 28.728329
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:57:39 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

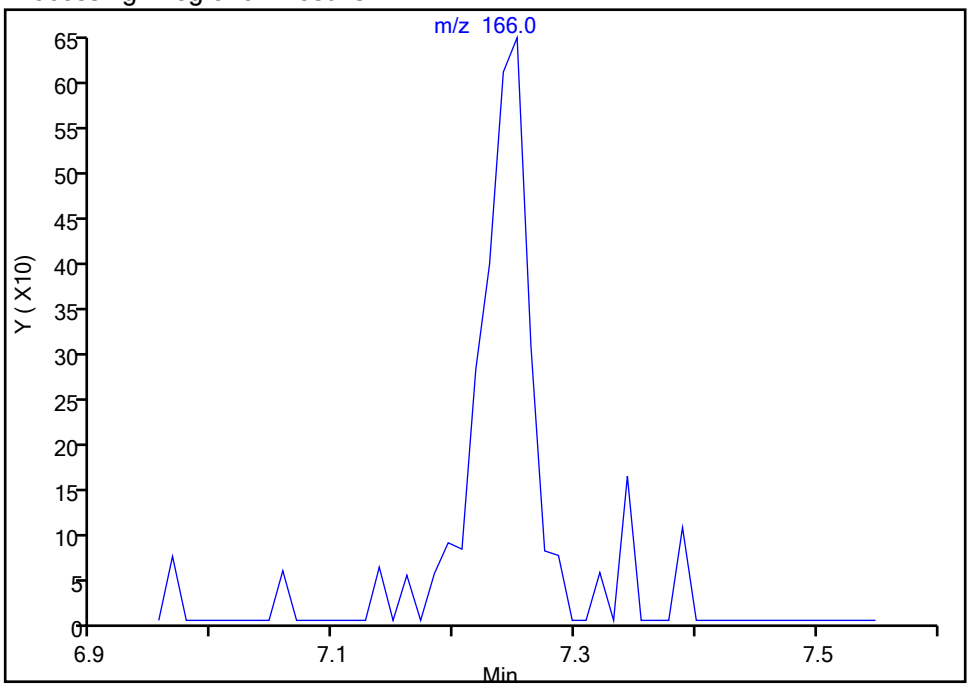
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

Signal: 1

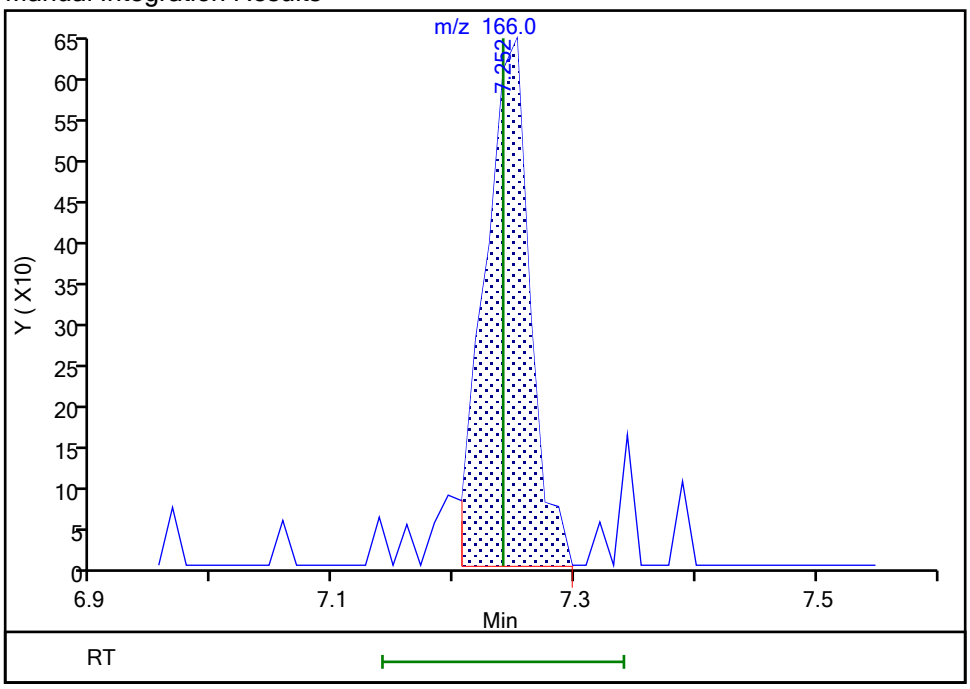
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 1685
Amount: 0.551289
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:01:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

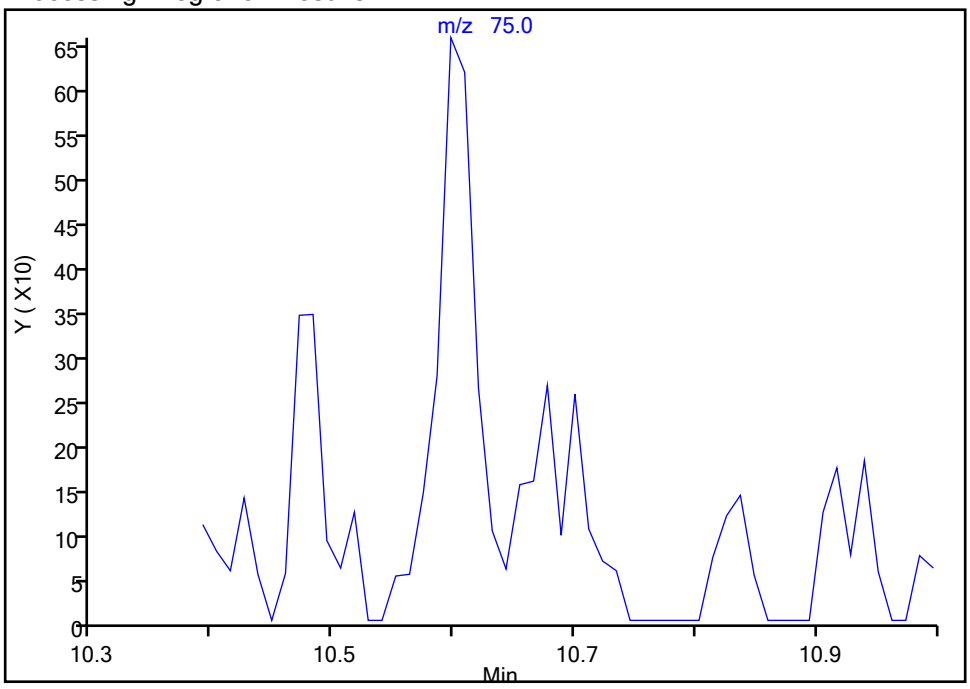
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

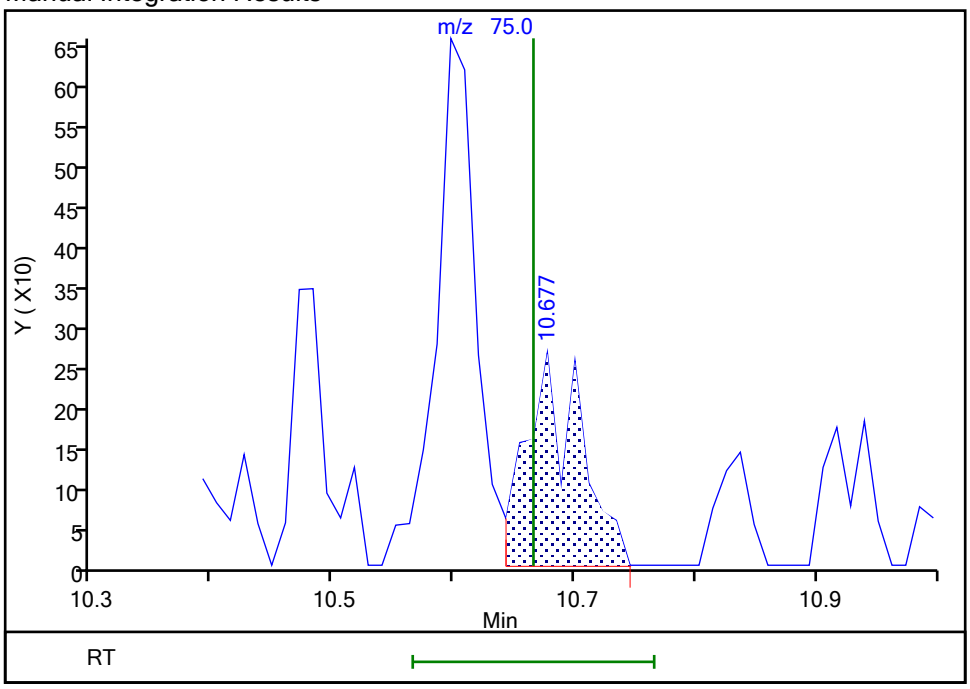
Not Detected
Expected RT: 10.67

Processing Integration Results



Manual Integration Results

RT: 10.68
Area: 829
Amount: 0.555734
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 08:58:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

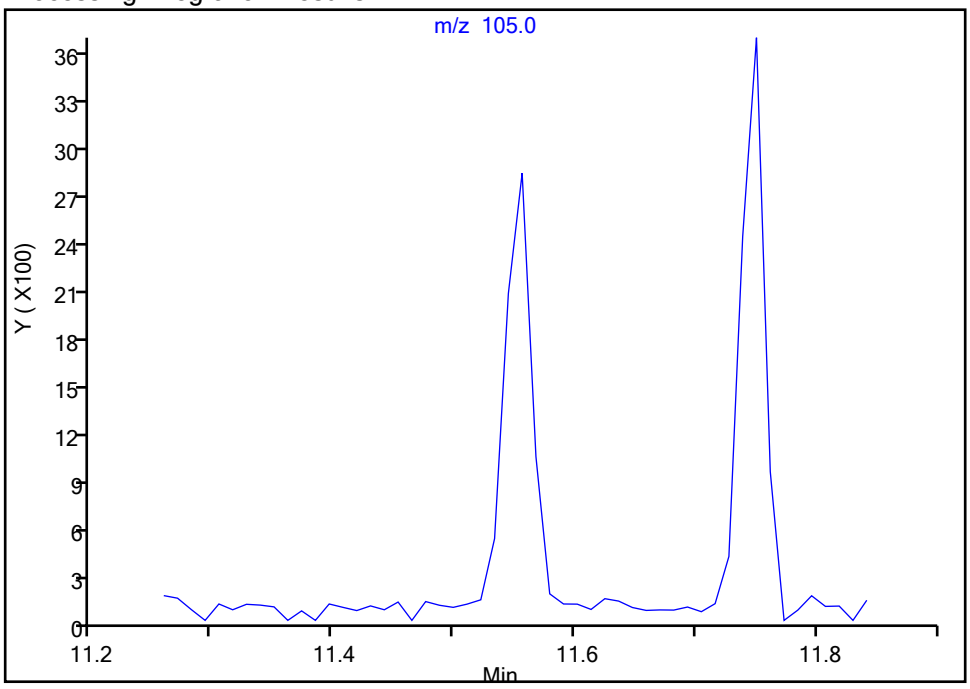
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28656.d
Injection Date: 19-Apr-2025 05:26:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

115 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

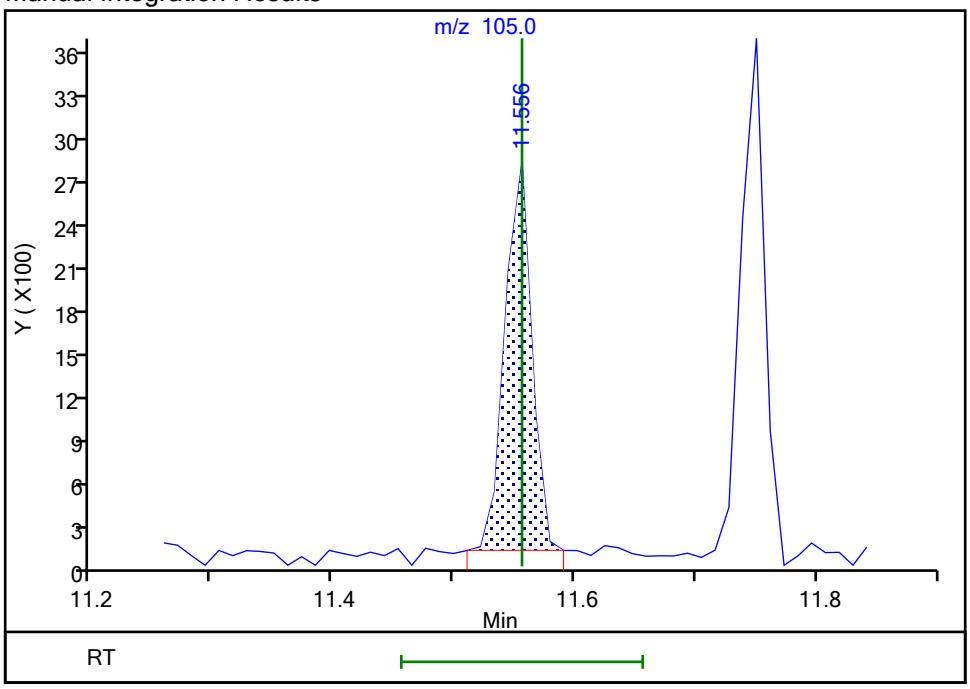
Not Detected
Expected RT: 11.56

Processing Integration Results



Manual Integration Results

RT: 11.56
Area: 4133
Amount: 0.470798
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:02:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28657.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Apr-2025 05:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0189580-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:51:43 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:04:48

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	67	507	1.00	0.9283	a
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	97	3176	1.00	0.8101	
3	Chlorodifluoromethane	67	1.144	1.144	0.000	94	915	1.00	1.32	
4	Chloromethane	50	1.281	1.281	0.000	97	5815	1.00	1.15	
5	Vinyl chloride	62	1.315	1.315	0.000	97	4167	1.00	1.06	
6	Butadiene	54	1.338	1.338	0.000	94	3165	1.00	0.8607	
7	Bromomethane	94	1.532	1.532	0.000	94	2853	1.00	1.06	
8	Chloroethane	64	1.589	1.589	0.000	89	2273	1.00	0.8440	
9	Dichlorofluoromethane	67	1.726	1.726	0.000	96	6659	1.00	1.03	
10	Trichlorofluoromethane	101	1.760	1.760	0.000	97	3556	1.00	0.8321	
11	Pentane	57	1.829	1.829	0.000	98	1776	2.00	2.01	
12	Ethanol	46	1.875	1.875	0.000	47	587	40.0	50.2	a
13	Ethyl ether	59	1.966	1.966	0.000	95	4272	1.00	1.15	
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	75	2110	1.00	0.8088	
15	2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	96	3341	1.00	0.9516	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	91	3914	1.00	0.99	
17	Acrolein	56	2.046	2.046	0.000	26	1035	4.00	4.17	
18	1,1-Dichloroethene	96	2.114	2.114	0.000	96	2630	1.00	1.01	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	91	2506	1.00	0.9098	
20	Acetone	43	2.149	2.149	0.000	81	3163	5.00	4.00	
21	Iodomethane	142	2.217	2.217	0.000	98	2517	1.00	0.5493	
22	Isopropyl alcohol	45	2.251	2.251	0.000	24	886	10.0	7.06	
23	Carbon disulfide	76	2.263	2.263	0.000	100	10535	1.00	1.02	
24	Acetonitrile	40	2.343	2.343	0.000	92	3545	10.0	8.48	
25	3-Chloro-1-propene	76	2.366	2.366	0.000	85	1810	1.00	0.9788	
26	Methyl acetate	43	2.388	2.388	0.000	93	1867	2.00	1.34	
27	Cyclopentene	67	2.434	2.434	0.000	94	9754	1.00	1.10	
28	Methylene Chloride	84	2.457	2.457	0.000	90	3885	1.00	1.13	
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	202494	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	92	3574	10.0	11.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	96	5103	10.0	6.05	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	96	3433	1.00	1.06	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	96	9489	1.00	0.9632	
34 Hexane	57	2.891	2.891	0.000	90	3348	1.00	0.8143	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	98	5779	1.00	1.05	
36 Vinyl acetate	86	3.039	3.039	0.000	100	1378	2.00	2.07	
37 Isopropyl ether	45	3.062	3.062	0.000	87	10896	1.00	0.9681	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	81	3398	1.00	1.13	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	11575	1.00	1.05	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	292306	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	87	3226	1.00	1.07	
42 2,2-Dichloropropane	97	3.496	3.496	0.000	79	1238	1.00	1.20	
43 2-Butanone (MEK)	72	3.507	3.507	0.000	65	1620	5.00	4.36	
44 Propionitrile	54	3.541	3.541	0.000	71	2878	10.0	9.35	
45 Ethyl acetate	43	3.564	3.564	0.000	98	7653	2.00	2.04	
46 Methyl acrylate	55	3.599	3.599	0.000	95	3155	1.00	1.03	
47 Methacrylonitrile	67	3.690	3.690	0.000	93	13190	10.0	10.6	
48 Chlorobromomethane	128	3.690	3.690	0.000	45	1203	1.00	0.9345	
49 Tetrahydrofuran	42	3.747	3.747	0.000	48	1687	2.00	2.03	
50 Chloroform	83	3.770	3.770	0.000	96	5468	1.00	1.03	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	108303	50.0	50.6	
52 1,1,1-Trichloroethane	97	3.952	3.952	0.000	85	4884	1.00	1.05	
53 Cyclohexane	84	3.998	3.998	0.000	91	4547	1.00	1.03	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	87	4800	1.00	1.04	
54 Carbon tetrachloride	117	4.101	4.101	0.000	78	3809	1.00	1.01	
56 Isobutyl alcohol	43	4.238	4.238	0.000	29	3728	25.0	21.5	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	165189	50.0	52.0	
58 Benzene	78	4.306	4.306	0.000	97	12431	1.00	0.9738	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	94	5259	1.00	1.08	
60 Isopropyl acetate	61	4.398	4.398	0.000	92	1189	1.00	0.9276	
61 Isooctane	57	4.409	4.409	0.000	69	6974	1.00	0.9266	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	94	9158	1.00	0.9746	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	474021	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	37	2841	1.00	0.8166	
65 n-Butanol	56	4.946	4.946	0.000	69	2097	25.0	17.9	
66 Trichloroethene	95	4.980	4.980	0.000	87	3800	1.00	1.13	
67 Ethyl acrylate	55	5.128	5.128	0.000	95	4066	1.00	0.9223	
68 Methylcyclohexane	83	5.197	5.197	0.000	89	4058	1.00	0.8833	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	87	3921	1.00	1.05	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	27940	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	29	1995	1.00	1.05	
72 Methyl methacrylate	100	5.391	5.391	0.000	88	1539	2.00	1.79	
73 1,4-Dioxane	88	5.402	5.402	0.000	85	1895	50.0	49.5	
74 n-Propyl acetate	43	5.471	5.471	0.000	88	4719	1.00	0.9293	
75 Dichlorobromomethane	83	5.551	5.551	0.000	93	4183	1.00	0.9714	
76 2-Nitropropane	41	5.825	5.825	0.000	91	2898	2.00	2.43	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	86	2277	1.00	0.9641	
78 Epichlorohydrin	57	5.985	5.985	0.000	97	5331	20.0	16.9	
79 cis-1,3-Dichloropropene	75	6.087	6.087	0.000	93	5083	1.00	0.9413	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	16866	5.00	4.62	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	488562	50.0	50.3	
82 Toluene	91	6.521	6.521	0.000	94	14618	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	93	5321	1.00	1.03	
84 Ethyl methacrylate	69	7.001	7.001	0.000	93	4285	1.00	0.9673	
85 1,1,2-Trichloroethane	83	7.069	7.069	0.000	89	2799	1.00	1.10	
86 Tetrachloroethene	166	7.241	7.241	0.000	75	2872	1.00	0.9540	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	95	4870	1.00	0.9846	
88 2-Hexanone	43	7.446	7.446	0.000	96	10924	5.00	4.34	
89 Chlorodibromomethane	129	7.583	7.583	0.000	95	2831	1.00	1.04	
90 n-Butyl acetate	43	7.674	7.674	0.000	96	5700	1.00	1.07	
91 Ethylene Dibromide	107	7.731	7.731	0.000	75	2658	1.00	0.9595	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	344300	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	96	8238	1.00	1.00	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.611	0.000	86	2835	1.00	1.05	
95 Ethylbenzene	106	8.668	8.668	0.000	99	4532	1.00	1.00	
96 m-Xylene & p-Xylene	106	8.850	8.850	0.000	0	5424	1.00	1.01	
97 o-Xylene	106	9.455	9.455	0.000	87	5392	1.00	0.99	
98 Styrene	104	9.490	9.490	0.000	91	8895	1.00	0.9879	
99 n-Butyl acrylate	73	9.513	9.513	0.000	89	2343	1.00	0.9379	
100 Bromoform	173	9.718	9.718	0.000	87	1845	1.00	1.04	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	88	5946	1.00	0.9898	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	12007	1.00	0.9688	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	83	131843	50.0	49.7	
104 Bromobenzene	156	10.483	10.483	0.000	88	3213	1.00	1.02	
105 1,1,2,2-Tetrachloroethane	83	10.563	10.563	0.000	95	3481	1.00	0.9101	
106 1,2,3-Trichloropropane	75	10.609	10.609	0.000	87	3695	1.00	1.22	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	47	1502	1.00	1.04	a
108 N-Propylbenzene	91	10.746	10.746	0.000	98	13895	1.00	0.9725	
109 2-Chlorotoluene	91	10.837	10.837	0.000	98	9361	1.00	1.00	
110 4-Ethyltoluene	105	10.951	10.951	0.000	97	10959	1.00	0.9771	
111 4-Chlorotoluene	91	11.020	11.020	0.000	98	10532	1.00	1.01	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	9389	1.00	1.05	
113 Butyl Methacrylate	87	11.282	11.282	0.000	95	2911	1.00	0.8768	
114 tert-Butylbenzene	119	11.499	11.499	0.000	91	7409	1.00	0.9326	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	95	8533	1.00	1.00	
116 sec-Butylbenzene	105	11.750	11.750	0.000	97	10818	1.00	0.9632	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	92	6044	1.00	1.05	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	166410	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	65	5938	1.00	1.01	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	96	9084	1.00	0.9762	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	98	8769	1.00	1.01	
122 Benzyl chloride	126	12.058	12.058	0.000	98	1372	1.00	1.01	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	9137	1.00	0.9571	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	90	5184	1.00	0.9300	
125 p-Diethylbenzene	119	12.264	12.264	0.000	91	5018	1.00	0.9557	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	4113	1.00	0.9647	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	95	8319	1.00	1.06	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	40	795	1.00	1.10	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	92	2891	1.00	1.00	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	93	3101	1.00	1.07	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	83	1282	1.00	1.04	
132 Naphthalene	128	13.520	13.520	0.000	98	8811	1.00	1.15	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	90	2784	1.00	1.04	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		2.00	2.00	
S 137 Total BTEX	1				0		5.00	5.03	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00637	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00203	Amount Added: 10.00	Units: uL		
14DIOXINTER_00183	Amount Added: 30.00	Units: uL		
524FREONS_00033	Amount Added: 10.00	Units: uL		
ACROLEIN W_00182	Amount Added: 4.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00254	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 24-Apr-2025 17:51:44 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28657.d

Injection Date: 19-Apr-2025 05:54:30 Instrument ID: CVOAMS12 Operator ID:

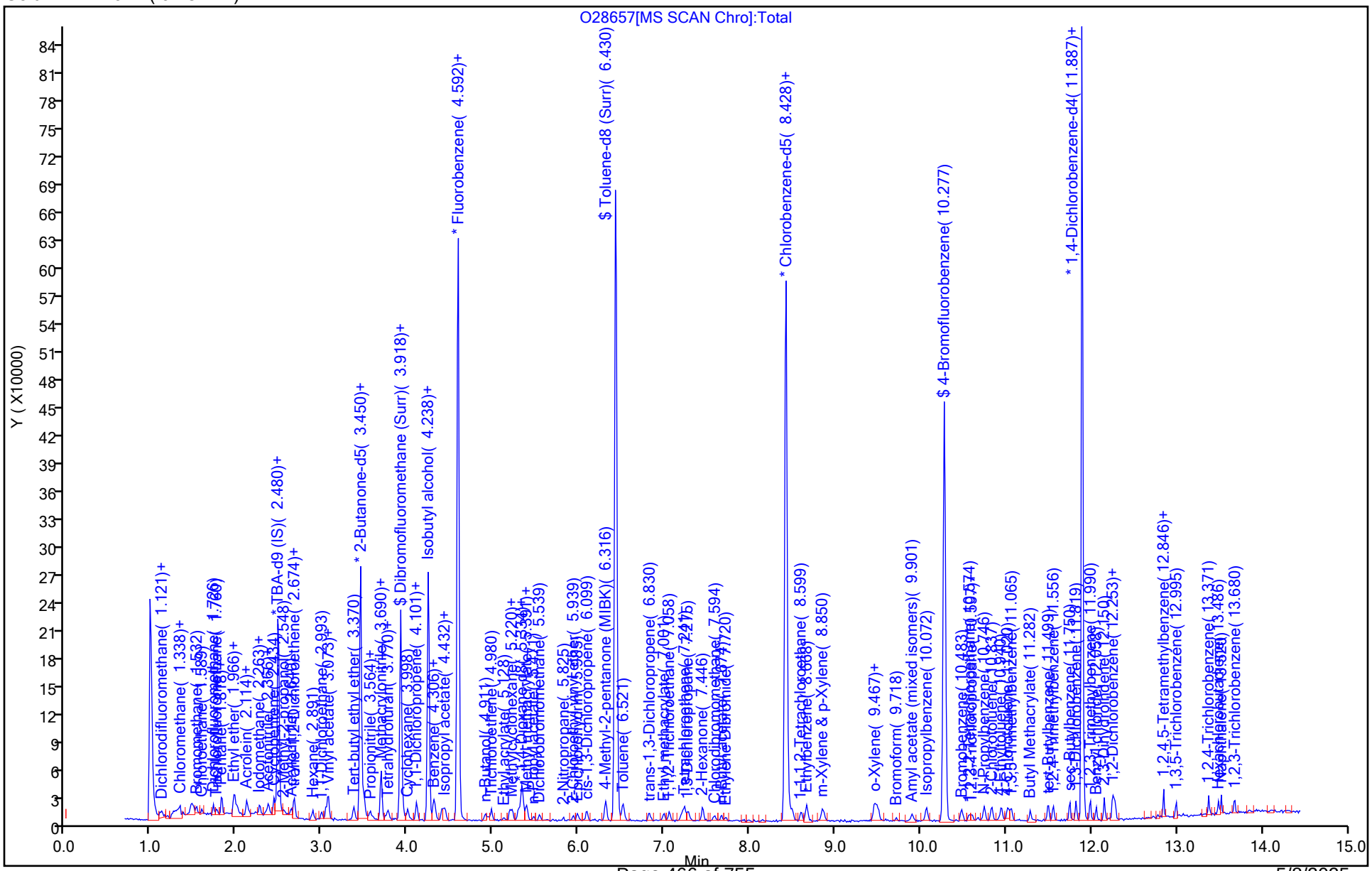
Lims ID: STD1 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

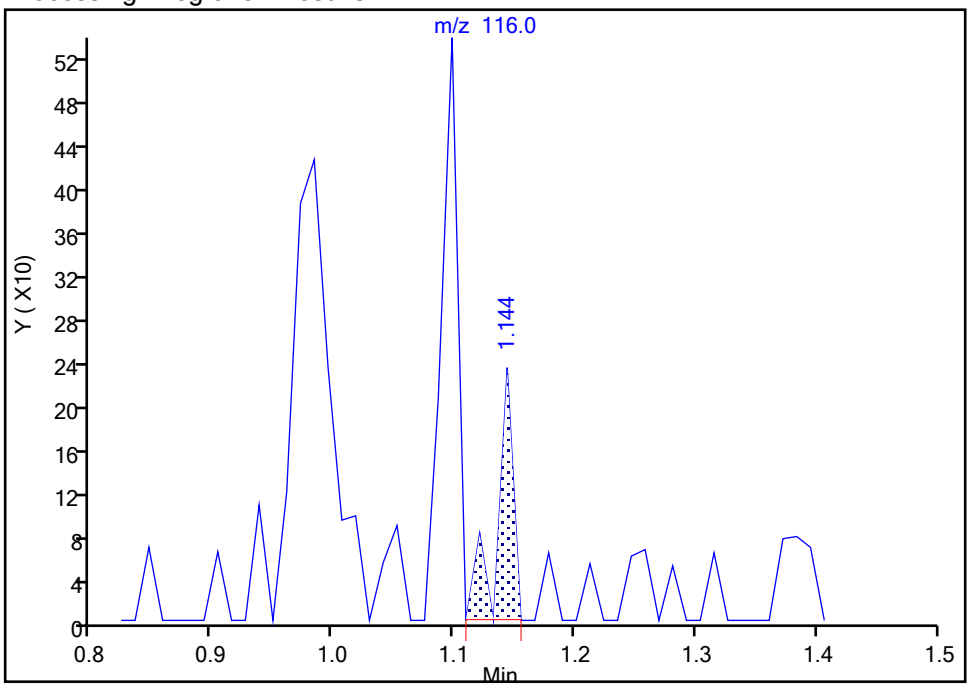
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28657.d
Injection Date: 19-Apr-2025 05:54:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

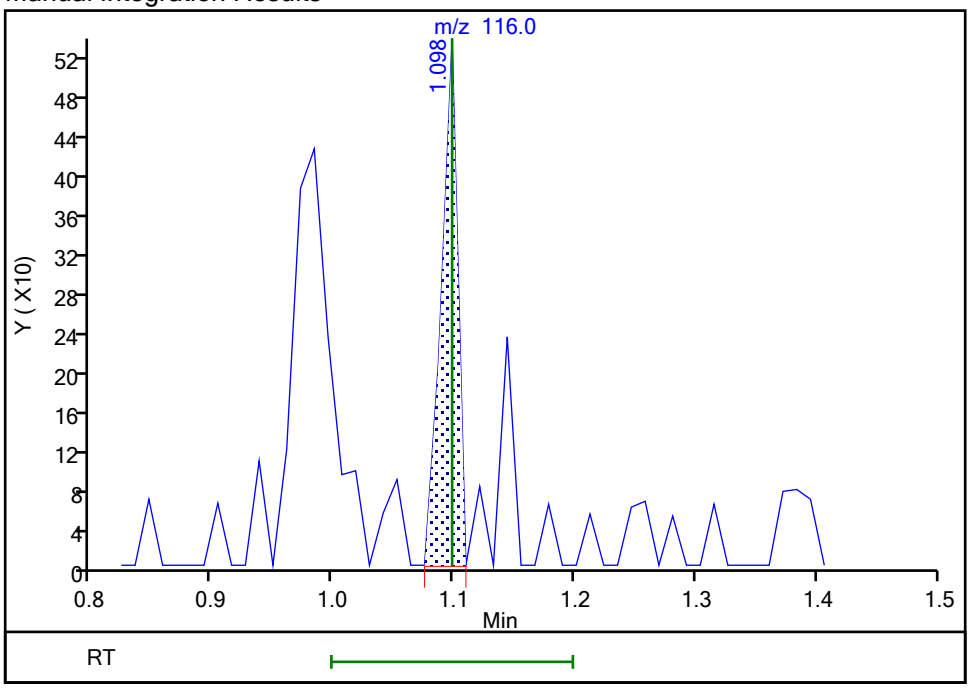
Processing Integration Results

RT: 1.14
Area: 214
Amount: 0.355422
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 507
Amount: 0.928347
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:03:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

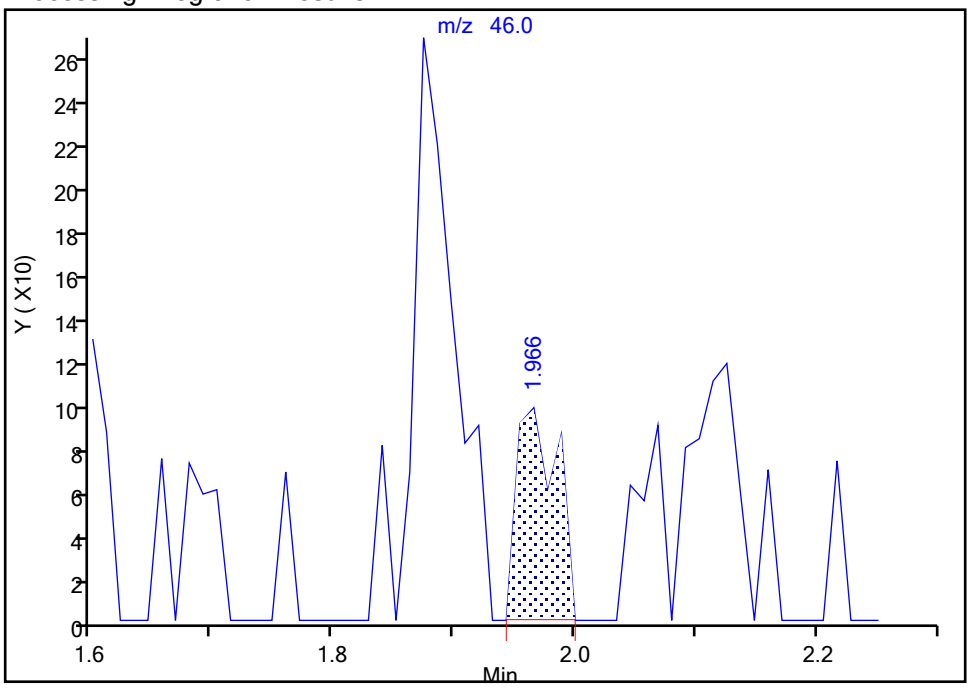
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28657.d
Injection Date: 19-Apr-2025 05:54:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

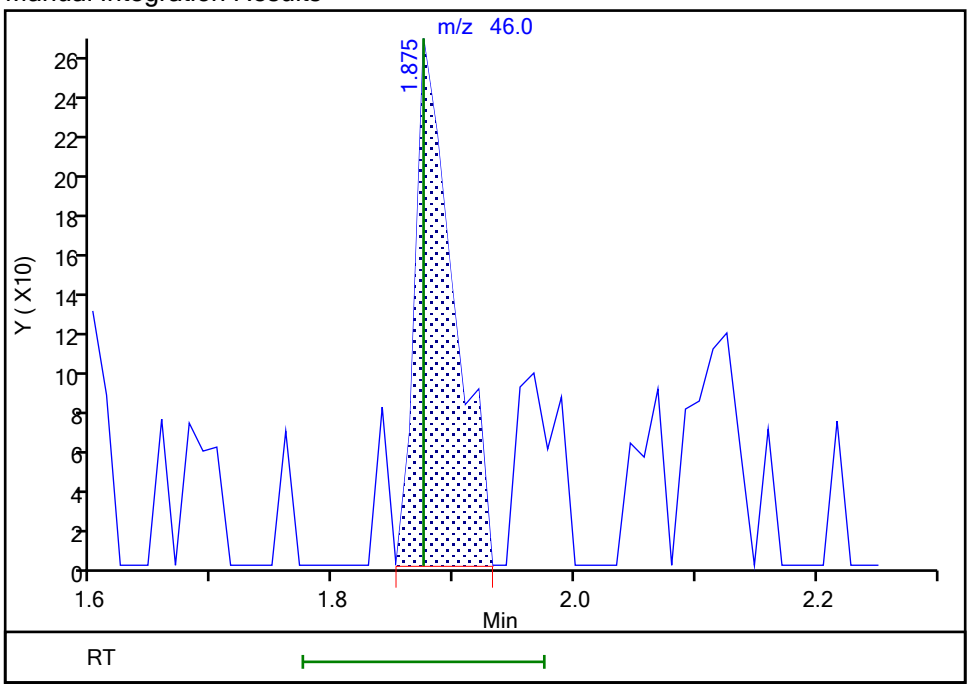
Processing Integration Results

RT: 1.97
Area: 224
Amount: 25.154282
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 587
Amount: 50.167839
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:03:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

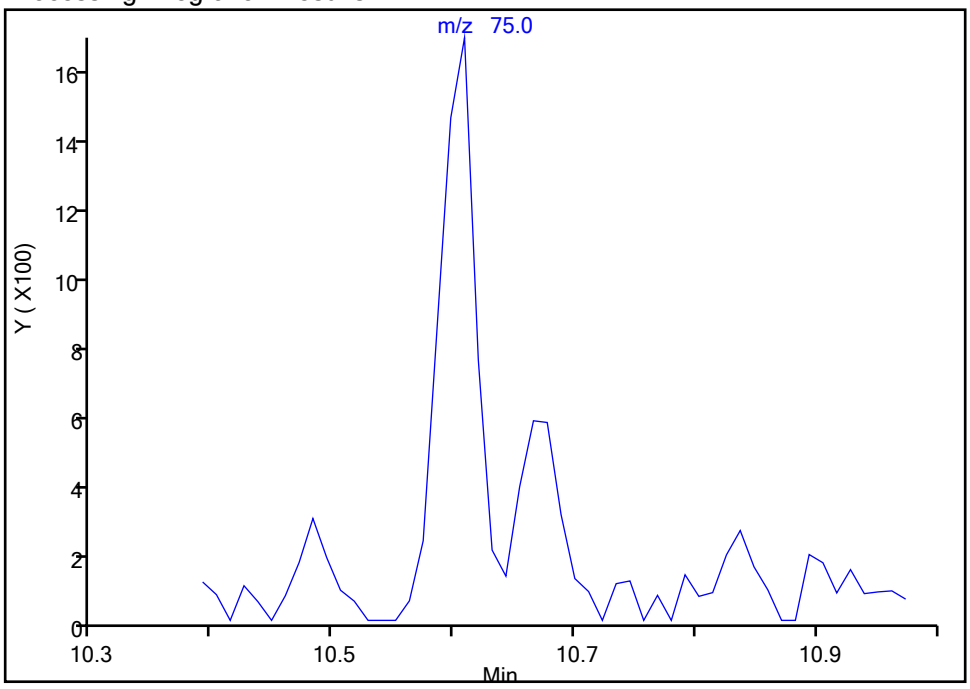
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28657.d
Injection Date: 19-Apr-2025 05:54:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

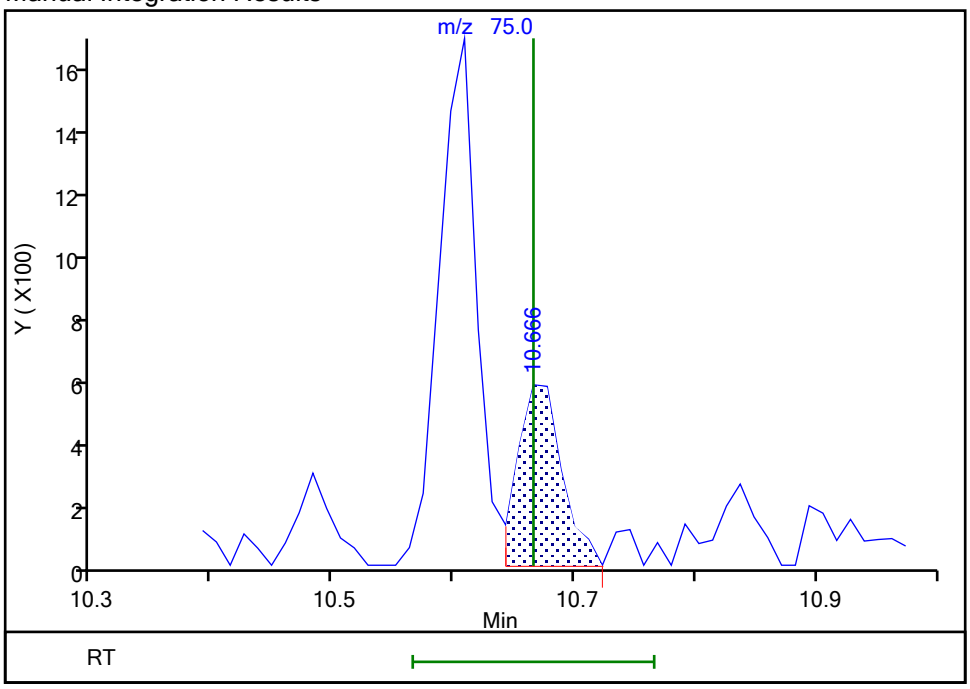
Not Detected
Expected RT: 10.67

Processing Integration Results



Manual Integration Results

RT: 10.67
Area: 1502
Amount: 1.035861
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:04:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28658.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Apr-2025 06:23:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0189580-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:52:00 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:05:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	84	2628	5.00	4.93	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	17610	5.00	4.47	
3 Chlorodifluoromethane	67	1.155	1.144	0.011	97	3581	5.00	5.12	
4 Chloromethane	50	1.281	1.281	0.000	97	23584	5.00	4.62	
5 Vinyl chloride	62	1.315	1.315	0.000	98	18817	5.00	4.78	
6 Butadiene	54	1.338	1.338	0.000	97	15725	5.00	4.25	
7 Bromomethane	94	1.532	1.532	0.000	94	9872	5.00	4.50	
8 Chloroethane	64	1.589	1.589	0.000	100	13013	5.00	4.80	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	98	32135	5.00	4.92	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	97	19208	5.00	4.47	
11 Pentane	57	1.818	1.829	-0.011	95	8151	10.0	9.19	
12 Ethanol	46	1.886	1.875	0.011	51	1655	200.0	148.6	a
13 Ethyl ether	59	1.966	1.966	0.000	92	15979	5.00	5.27	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	92	10785	5.00	4.11	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	17134	5.00	4.85	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.012	2.000	0.012	96	18623	5.00	4.70	
17 Acrolein	56	2.046	2.046	0.000	92	4175	20.0	17.7	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	96	11477	5.00	4.38	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	94	12066	5.00	4.36	
20 Acetone	43	2.149	2.149	0.000	85	12313	25.0	16.0	
21 Iodomethane	142	2.217	2.217	0.000	100	14965	5.00	3.25	
22 Isopropyl alcohol	45	2.251	2.251	0.000	41	2907	50.0	24.3	
23 Carbon disulfide	76	2.274	2.263	0.011	100	51972	5.00	4.98	
24 Acetonitrile	40	2.343	2.343	0.000	99	12822	50.0	32.3	
25 3-Chloro-1-propene	76	2.366	2.366	0.000	88	9374	5.00	5.04	
26 Methyl acetate	43	2.388	2.388	0.000	98	8961	10.0	6.41	
27 Cyclopentene	67	2.434	2.434	0.000	96	46788	5.00	5.27	
28 Methylene Chloride	84	2.457	2.457	0.000	96	16722	5.00	4.85	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	192754	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	14678	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	93	32204	50.0	37.9	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	97	16137	5.00	4.96	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	55463	5.00	5.60	
34 Hexane	57	2.891	2.891	0.000	92	19416	5.00	4.70	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	99	28044	5.00	5.06	
36 Vinyl acetate	86	3.039	3.039	0.000	100	5845	10.0	9.00	
37 Isopropyl ether	45	3.062	3.062	0.000	89	58395	5.00	5.16	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	96	14878	5.00	4.93	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	56385	5.00	5.07	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	285198	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	88	15293	5.00	5.05	
42 2,2-Dichloropropane	97	3.484	3.496	-0.012	83	5968	5.00	5.76	
43 2-Butanone (MEK)	72	3.507	3.507	0.000	99	9200	25.0	25.4	
44 Propionitrile	54	3.541	3.541	0.000	93	12900	50.0	44.0	
45 Ethyl acetate	43	3.564	3.564	0.000	99	36274	10.0	9.91	
46 Methyl acrylate	55	3.587	3.599	-0.012	99	15529	5.00	5.02	
47 Methacrylonitrile	67	3.690	3.690	0.000	95	67153	50.0	53.9	
48 Chlorobromomethane	128	3.690	3.690	0.000	44	6051	5.00	4.67	
49 Tetrahydrofuran	42	3.747	3.747	0.000	83	8045	10.0	9.90	
50 Chloroform	83	3.770	3.770	0.000	96	27497	5.00	5.17	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	109245	50.0	50.8	
52 1,1,1-Trichloroethane	97	3.941	3.952	-0.011	96	22882	5.00	4.89	
53 Cyclohexane	84	3.998	3.998	0.000	92	20876	5.00	4.69	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	89	23417	5.00	5.06	
54 Carbon tetrachloride	117	4.101	4.101	0.000	76	17872	5.00	4.73	
56 Isobutyl alcohol	43	4.238	4.238	0.000	93	18811	125.0	113.9	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	163175	50.0	51.1	
58 Benzene	78	4.306	4.306	0.000	98	63820	5.00	4.98	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	96	24550	5.00	5.03	
60 Isopropyl acetate	61	4.398	4.398	0.000	92	6238	5.00	4.84	
61 Isooctane	57	4.409	4.409	0.000	63	35647	5.00	4.71	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	98	47579	5.00	5.03	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	476725	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	94	15860	5.00	4.53	
65 n-Butanol	56	4.946	4.946	0.000	93	12267	125.0	109.9	
66 Trichloroethene	95	4.980	4.980	0.000	93	17141	5.00	5.09	
67 Ethyl acrylate	55	5.128	5.128	0.000	98	22662	5.00	5.11	
68 Methylcyclohexane	83	5.197	5.197	0.000	93	19939	5.00	4.32	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	90	18528	5.00	4.94	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	28579	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	93	9341	5.00	4.90	
72 Methyl methacrylate	100	5.391	5.391	0.000	93	8591	10.0	9.91	
73 1,4-Dioxane	88	5.402	5.402	0.000	32	4150	100.0	106.0	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	26228	5.00	5.14	
75 Dichlorobromomethane	83	5.539	5.551	-0.012	97	20864	5.00	4.82	
76 2-Nitropropane	41	5.825	5.825	0.000	98	11802	10.0	9.84	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	94	11907	5.01	5.01	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	30093	100.0	97.9	
79 cis-1,3-Dichloropropene	75	6.099	6.087	0.012	96	27651	5.00	5.10	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	85811	25.0	24.1	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	494661	50.0	50.8	
82 Toluene	91	6.521	6.521	0.000	93	70658	5.00	5.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	95	25594	5.00	4.95	
84 Ethyl methacrylate	69	7.001	7.001	0.000	89	23263	5.00	5.23	
85 1,1,2-Trichloroethane	83	7.058	7.069	-0.011	92	12539	5.00	4.93	
86 Tetrachloroethene	166	7.241	7.241	0.000	88	13816	5.00	4.57	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	26990	5.00	5.44	
88 2-Hexanone	43	7.446	7.446	0.000	98	61827	25.0	25.2	
89 Chlorodibromomethane	129	7.583	7.583	0.000	94	12991	5.00	4.75	
90 n-Butyl acetate	43	7.674	7.674	0.000	98	28934	5.00	5.39	
91 Ethylene Dibromide	107	7.720	7.731	-0.011	97	14306	5.00	5.15	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	92	345598	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	93	42206	5.00	5.08	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.611	-0.012	93	13702	5.00	5.06	
95 Ethylbenzene	106	8.668	8.668	0.000	99	23443	5.00	5.15	
96 m-Xylene & p-Xylene	106	8.862	8.850	0.012	0	27004	5.00	5.01	
97 o-Xylene	106	9.455	9.455	0.000	93	27961	5.00	5.12	
98 Styrene	104	9.490	9.490	0.000	90	44029	5.00	4.87	
99 n-Butyl acrylate	73	9.513	9.513	0.000	95	12870	5.00	5.13	
100 Bromoform	173	9.718	9.718	0.000	91	8173	5.00	4.60	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	88	31607	5.00	5.27	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	62073	5.00	4.99	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	82	133735	50.0	50.2	
104 Bromobenzene	156	10.483	10.483	0.000	92	16423	5.00	5.21	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.563	0.011	96	19324	5.00	5.06	
106 1,2,3-Trichloropropane	75	10.597	10.609	-0.012	95	16270	5.00	5.36	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	86	6719	5.00	4.64	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	73385	5.00	5.14	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	50866	5.00	5.45	
110 4-Ethyltoluene	105	10.940	10.951	-0.011	98	54607	5.00	4.87	
111 4-Chlorotoluene	91	11.020	11.020	0.000	99	54808	5.00	5.29	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	44883	5.00	5.03	
113 Butyl Methacrylate	87	11.282	11.282	0.000	97	16659	5.00	5.02	
114 tert-Butylbenzene	119	11.499	11.499	0.000	92	39863	5.00	5.02	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	42589	5.00	5.00	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	55619	5.00	4.96	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	91	28837	5.00	5.01	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	166213	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	81	29279	5.00	5.01	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	42922	5.00	4.62	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	43313	5.00	4.98	
122 Benzyl chloride	126	12.058	12.058	0.000	97	6875	5.00	5.06	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	93	49495	5.00	5.19	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	94	30003	5.00	5.39	
125 p-Diethylbenzene	119	12.264	12.264	0.000	92	23012	5.00	4.39	
126 n-Butylbenzene	92	12.275	12.275	0.000	95	19637	5.00	4.61	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	41873	5.00	5.36	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	39	3598	5.00	4.98	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	95	14023	5.00	4.84	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	93	14276	5.00	4.91	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	86	5857	5.00	4.77	
132 Naphthalene	128	13.520	13.520	0.000	99	40391	5.00	5.28	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	94	13287	5.00	4.99	
S 135 1,2-Dichloroethene, Total	100				0		10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		10.0	10.1	
S 137 Total BTEX	1				0		25.0	25.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00637	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:52:00 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28658.d

Injection Date: 19-Apr-2025 06:23:30 Instrument ID: CVOAMS12 Operator ID:

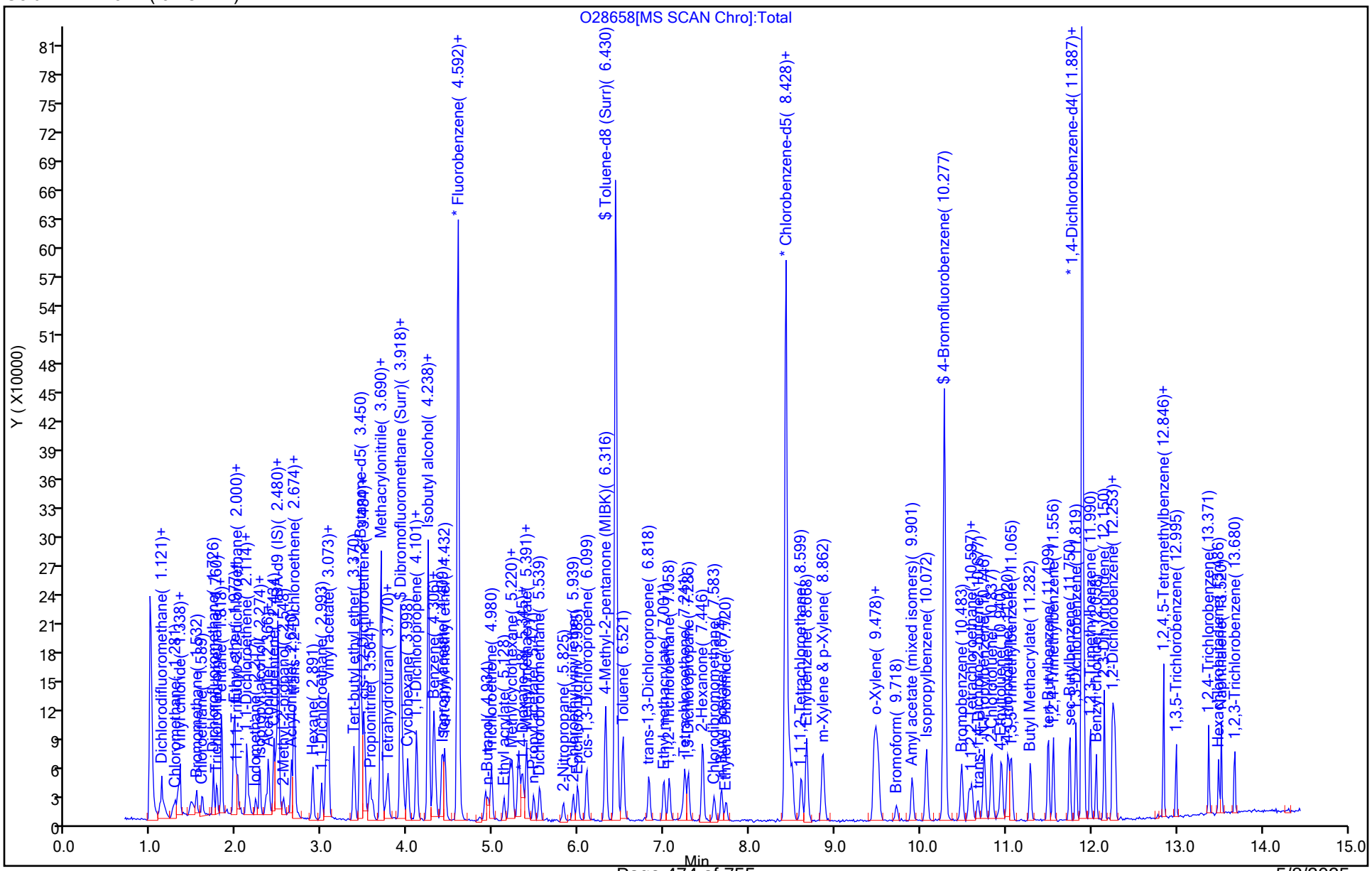
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

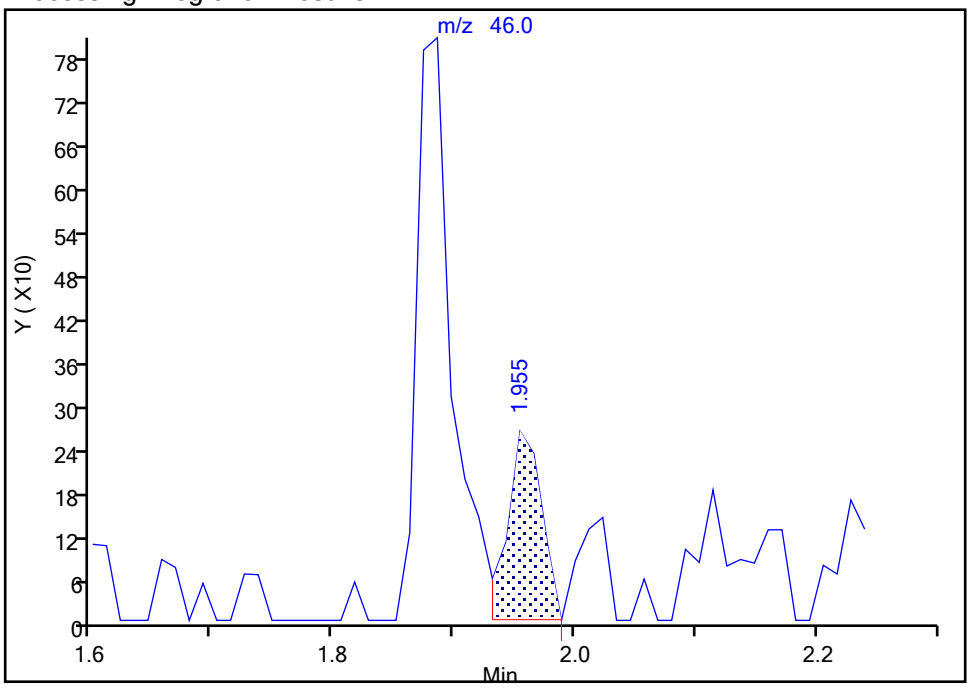
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28658.d
Injection Date: 19-Apr-2025 06:23:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

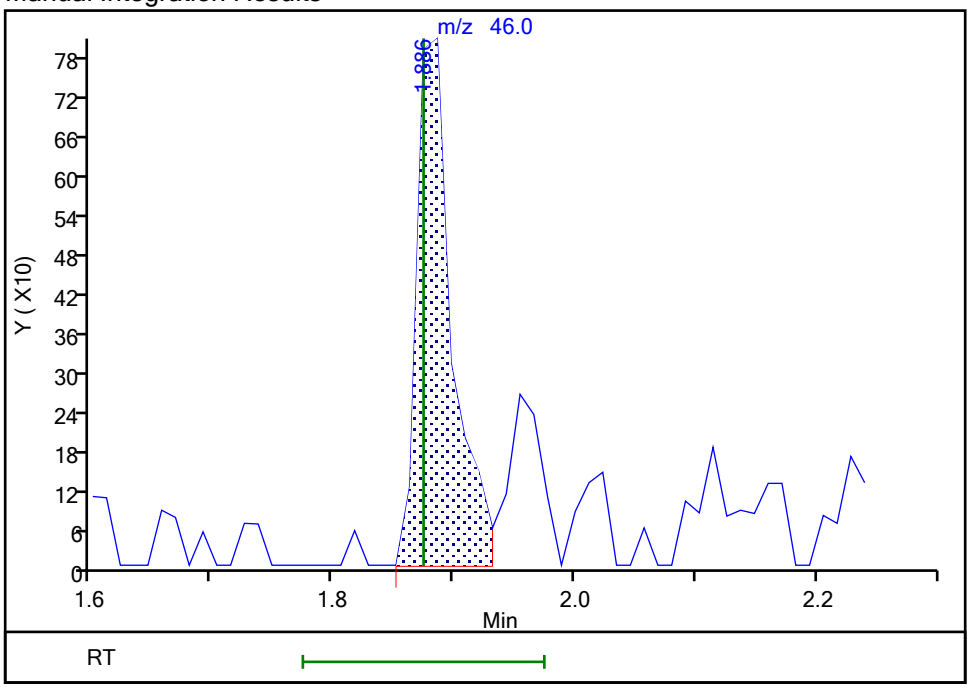
Processing Integration Results

RT: 1.95
Area: 521
Amount: 53.651714
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 1655
Amount: 148.5915
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:05:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28659.d
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 19-Apr-2025 06:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0189580-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:52:15 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:06:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	88	10053	20.0	19.3	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	67845	20.0	17.4	
3 Chlorodifluoromethane	67	1.156	1.156	0.000	65	12409	20.0	18.0	
4 Chloromethane	50	1.281	1.281	0.000	99	88846	20.0	17.7	
5 Vinyl chloride	62	1.315	1.315	0.000	98	72111	20.0	18.5	
6 Butadiene	54	1.338	1.338	0.000	98	67022	20.0	18.4	
7 Bromomethane	94	1.521	1.521	0.000	99	41717	20.0	19.8	
8 Chloroethane	64	1.589	1.589	0.000	99	50571	20.0	18.9	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	98	123689	20.0	19.2	
10 Trichlorofluoromethane	101	1.761	1.761	0.000	98	80899	20.0	19.1	
11 Pentane	57	1.818	1.818	0.000	95	34772	40.0	39.7	
12 Ethanol	46	1.886	1.886	0.000	97	7112	800.0	737.3	a
13 Ethyl ether	59	1.955	1.955	0.000	95	54436	20.0	19.1	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	93	35456	20.0	13.7	
15 2-Methyl-1,3-butadiene	53	1.978	1.978	0.000	99	66020	20.0	18.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	98	68295	20.0	17.5	
17 Acrolein	56	2.046	2.046	0.000	92	7633	40.0	37.3	
18 1,1-Dichloroethene	96	2.115	2.115	0.000	96	45055	20.0	17.4	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	93	54125	20.0	19.8	
20 Acetone	43	2.149	2.149	0.000	85	50701	100.0	67.3	
21 Iodomethane	142	2.217	2.217	0.000	100	73405	20.0	16.2	
22 Isopropyl alcohol	45	2.252	2.252	0.000	97	10887	200.0	105.2	
23 Carbon disulfide	76	2.263	2.263	0.000	100	200982	20.0	19.5	
24 Acetonitrile	40	2.343	2.343	0.000	98	48088	200.0	140.8	
25 3-Chloro-1-propene	76	2.366	2.366	0.000	83	33892	20.0	18.5	
26 Methyl acetate	43	2.389	2.389	0.000	100	33460	40.0	24.1	
27 Cyclopentene	67	2.434	2.434	0.000	96	169628	20.0	19.3	
28 Methylene Chloride	84	2.457	2.457	0.000	97	59525	20.0	17.5	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	166942	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	45811	200.0	180.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	93	134198	200.0	160.1	
32 trans-1,2-Dichloroethene	96	2.663	2.663	0.000	97	55928	20.0	17.4	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	188830	20.0	19.3	
34 Hexane	57	2.891	2.891	0.000	92	80411	20.0	19.7	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	99	103431	20.0	18.9	
36 Vinyl acetate	86	3.039	3.039	0.000	100	26340	40.0	41.5	
37 Isopropyl ether	45	3.062	3.062	0.000	90	224527	20.0	20.1	
38 2-Chloro-1,3-butadiene	88	3.074	3.074	0.000	96	56730	20.0	19.0	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	213793	20.0	19.5	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	278918	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.485	3.485	0.000	88	54884	20.0	18.4	
42 2,2-Dichloropropane	97	3.485	3.485	0.000	81	19089	20.0	18.7	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	31963	100.0	90.2	
44 Propionitrile	54	3.542	3.542	0.000	94	52281	200.0	206.0	
45 Ethyl acetate	43	3.564	3.564	0.000	99	131360	40.0	36.7	
46 Methyl acrylate	55	3.587	3.587	0.000	99	61109	20.0	20.0	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	238189	200.0	193.7	
48 Chlorobromomethane	128	3.690	3.690	0.000	96	24115	20.0	18.9	
49 Tetrahydrofuran	42	3.747	3.747	0.000	97	27722	40.0	34.9	
50 Chloroform	83	3.770	3.770	0.000	97	99524	20.0	19.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	103820	50.0	48.9	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	89760	20.0	19.4	
53 Cyclohexane	84	3.998	3.998	0.000	94	81826	20.0	18.6	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	87	88855	20.0	19.4	
54 Carbon tetrachloride	117	4.101	4.101	0.000	79	70100	20.0	18.8	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	70005	500.0	489.5	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	157771	50.0	50.0	
58 Benzene	78	4.307	4.307	0.000	98	246170	20.0	18.9	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	88927	20.0	18.5	
60 Isopropyl acetate	61	4.398	4.398	0.000	91	22590	20.0	17.8	
61 Isooctane	57	4.409	4.409	0.000	66	148348	20.0	19.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	97	186549	20.0	20.0	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	470586	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	95	68538	20.0	19.8	
65 n-Butanol	56	4.935	4.935	0.000	96	43641	500.0	451.4	
66 Trichloroethene	95	4.980	4.980	0.000	95	59023	20.0	17.8	
67 Ethyl acrylate	55	5.129	5.129	0.000	98	86780	20.0	19.8	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	89751	20.0	19.7	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	89	68118	20.0	18.4	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	28238	1000.0	1000.0	
71 Dibromomethane	93	5.346	5.346	0.000	92	34242	20.0	18.2	
72 Methyl methacrylate	100	5.391	5.391	0.000	91	33676	40.0	39.4	
73 1,4-Dioxane	88	5.391	5.391	0.000	31	16538	400.0	427.7	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	97288	20.0	19.3	
75 Dichlorobromomethane	83	5.540	5.540	0.000	97	79722	20.0	18.6	
76 2-Nitropropane	41	5.825	5.825	0.000	99	43877	40.0	37.1	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	94	42783	20.0	18.2	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	111691	400.0	371.7	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	104108	20.0	18.9	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	98	328851	100.0	94.4	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	499054	50.0	50.4	
82 Toluene	91	6.521	6.521	0.000	93	270246	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	95	98509	20.0	18.8	
84 Ethyl methacrylate	69	7.001	7.001	0.000	90	86178	20.0	19.1	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	46688	20.0	18.1	
86 Tetrachloroethene	166	7.241	7.241	0.000	90	52977	20.0	17.3	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	99674	20.0	19.8	
88 2-Hexanone	43	7.446	7.446	0.000	98	230473	100.0	96.0	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	52298	20.0	18.8	
90 n-Butyl acetate	43	7.675	7.675	0.000	98	109571	20.0	20.1	
91 Ethylene Dibromide	107	7.720	7.720	0.000	99	53330	20.0	18.9	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	350860	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	91	161802	20.0	19.2	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.599	0.000	93	51974	20.0	18.9	
95 Ethylbenzene	106	8.668	8.668	0.000	99	89736	20.0	19.4	
96 m-Xylene & p-Xylene	106	8.851	8.851	0.000	0	106381	20.0	19.5	
97 o-Xylene	106	9.456	9.456	0.000	93	105851	20.0	19.1	
98 Styrene	104	9.490	9.490	0.000	92	177844	20.0	19.4	
99 n-Butyl acrylate	73	9.513	9.513	0.000	94	50357	20.0	19.8	
100 Bromoform	173	9.718	9.718	0.000	93	32057	20.0	17.8	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	88	126489	20.0	20.2	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	240280	20.0	19.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	82	134652	50.0	49.8	
104 Bromobenzene	156	10.483	10.483	0.000	92	64083	20.0	19.5	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	74449	20.0	18.6	
106 1,2,3-Trichloropropane	75	10.597	10.597	0.000	96	59966	20.0	18.9	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	87	27176	20.0	17.9	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	296447	20.0	19.9	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	194145	20.0	19.9	
110 4-Ethyltoluene	105	10.951	10.951	0.000	98	224396	20.0	19.2	
111 4-Chlorotoluene	91	11.020	11.020	0.000	99	218546	20.0	20.2	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	175803	20.0	18.8	
113 Butyl Methacrylate	87	11.282	11.282	0.000	98	67435	20.0	19.4	
114 tert-Butylbenzene	119	11.499	11.499	0.000	93	159324	20.0	19.2	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	99	170921	20.0	19.2	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	228662	20.0	19.5	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	92	115528	20.0	19.2	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	173818	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	89	114559	20.0	18.7	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	179557	20.0	18.5	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	100	177300	20.0	19.5	
122 Benzyl chloride	126	12.059	12.059	0.000	97	26432	20.0	18.6	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	194468	20.0	19.5	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	110251	20.0	18.9	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	97367	20.0	17.8	
126 n-Butylbenzene	92	12.276	12.276	0.000	96	82826	20.0	18.6	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	162128	20.0	19.9	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	39	14264	20.0	18.9	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	58196	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	13.372	13.372	0.000	94	56917	20.0	18.7	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	89	22253	20.0	17.3	
132 Naphthalene	128	13.520	13.520	0.000	99	153278	20.0	19.2	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	94	52855	20.0	19.0	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	38.6	
S 137 Total BTEX	1				0		100.0	95.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00637	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:52:16 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28659.d

Injection Date: 19-Apr-2025 06:51:30 Instrument ID: CVOAMS12 Operator ID:

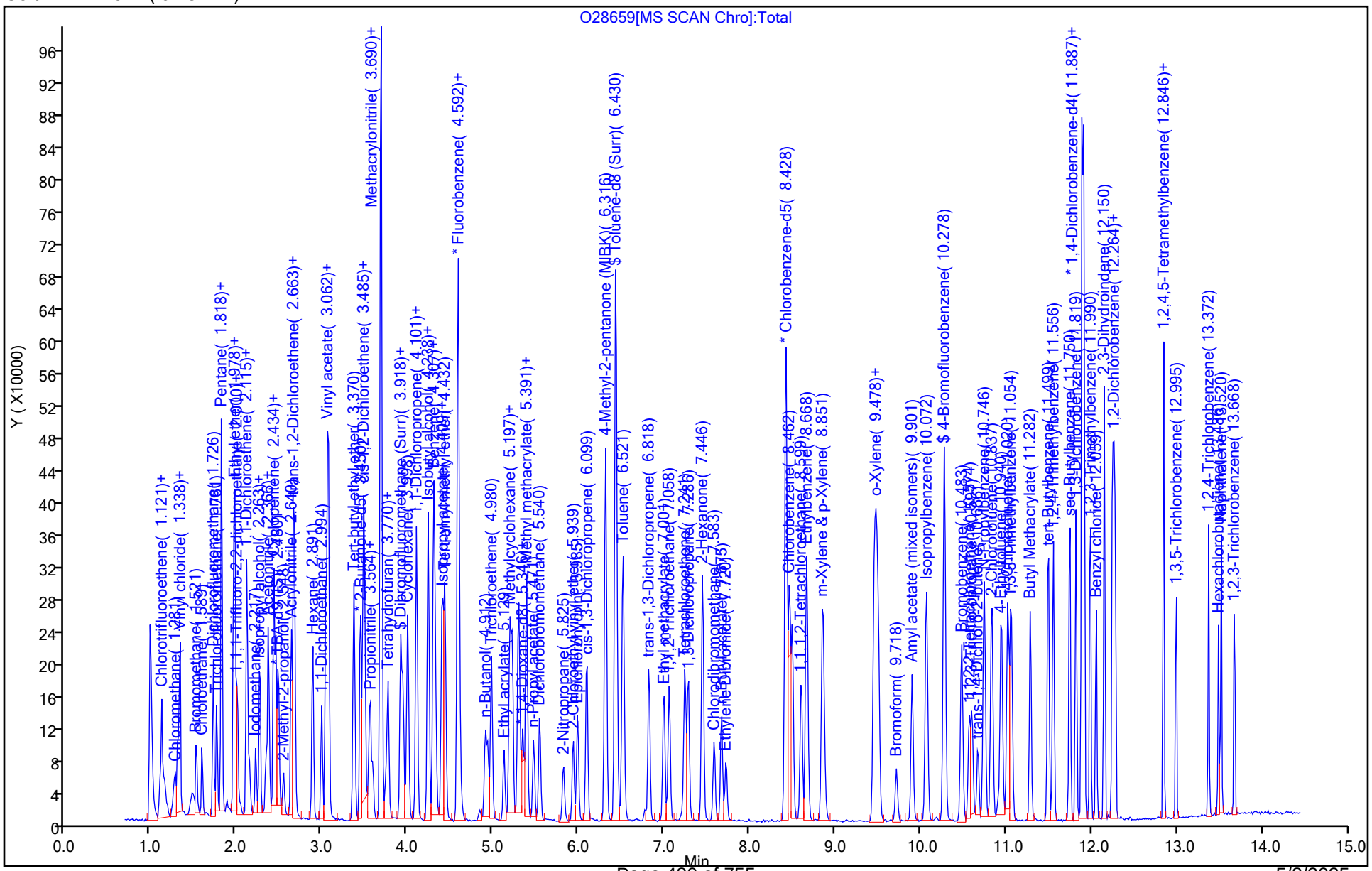
Lims ID: STD20 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

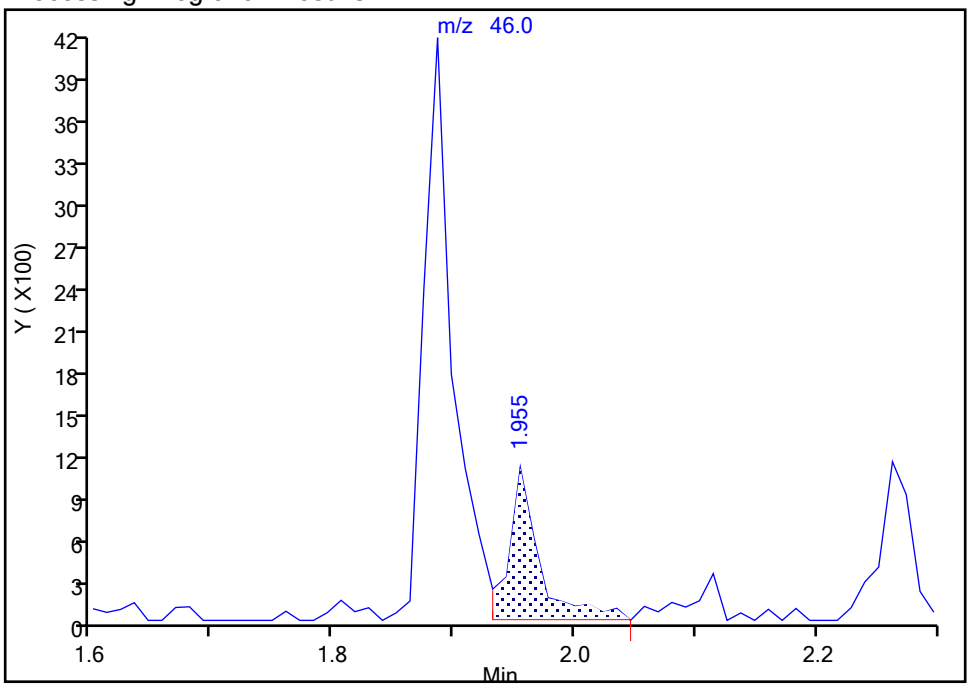
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28659.d
Injection Date: 19-Apr-2025 06:51:30 Instrument ID: CVOAMS12
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

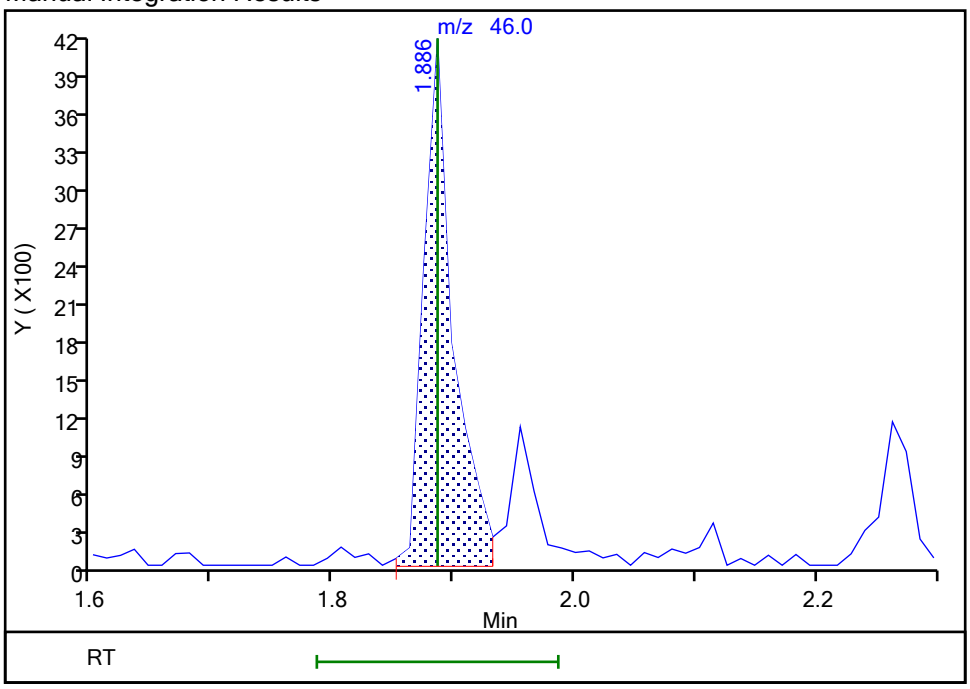
Processing Integration Results

RT: 1.95
Area: 1963
Amount: 215.4320
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 7112
Amount: 737.2683
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:06:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28660.d
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Apr-2025 07:20:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0189580-009
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:52:31 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:07:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	89	26131	50.0	51.6	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	174361	50.0	44.1	
3 Chlorodifluoromethane	67	1.155	1.156	-0.001	97	30332	50.0	43.3	
4 Chloromethane	50	1.281	1.281	0.000	98	229675	50.0	45.0	
5 Vinyl chloride	62	1.315	1.315	0.000	98	186939	50.0	47.4	
6 Butadiene	54	1.338	1.338	0.000	97	178569	50.0	48.2	
7 Bromomethane	94	1.521	1.521	0.000	99	122317	50.0	53.9	
8 Chloroethane	64	1.589	1.589	0.000	100	125655	50.0	46.3	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	321462	50.0	49.1	
10 Trichlorofluoromethane	101	1.760	1.761	-0.001	98	218754	50.0	50.8	
11 Pentane	57	1.817	1.818	-0.001	96	86240	100.0	97.1	
12 Ethanol	46	1.886	1.886	0.000	99	17182	2000.0	2048.5	a
13 Ethyl ether	59	1.954	1.955	-0.001	95	136793	50.0	47.8	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	83	92662	50.0	35.1	
15 2-Methyl-1,3-butadiene	53	1.977	1.978	-0.001	99	168694	50.0	47.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	97	158468	50.0	39.9	
17 Acrolein	56	2.046	2.046	0.000	95	20837	100.0	117.0	
18 1,1-Dichloroethene	96	2.114	2.115	-0.001	95	122906	50.0	46.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.126	-0.012	93	133078	50.0	47.9	
20 Acetone	43	2.149	2.149	0.000	85	148034	250.0	202.9	
21 Iodomethane	142	2.217	2.217	0.000	100	214147	50.0	46.8	
22 Isopropyl alcohol	45	2.251	2.252	-0.001	97	36887	500.0	410.0	
23 Carbon disulfide	76	2.263	2.263	0.000	100	526266	50.0	50.4	
24 Acetonitrile	40	2.343	2.343	0.000	98	123622	500.0	424.8	
25 3-Chloro-1-propene	76	2.366	2.366	0.000	86	90514	50.0	48.6	
26 Methyl acetate	43	2.388	2.389	-0.001	99	83375	100.0	58.6	
27 Cyclopentene	67	2.434	2.434	0.000	96	382126	50.0	42.9	
28 Methylene Chloride	84	2.457	2.457	0.000	96	157375	50.0	45.5	
* 29 TBA-d9 (IS)	65	2.491	2.480	0.011	0	145155	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	101676	500.0	461.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	94	369987	500.0	434.6	
32 trans-1,2-Dichloroethene	96	2.662	2.663	-0.001	97	141310	50.0	43.4	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	515091	50.0	51.9	
34 Hexane	57	2.891	2.891	0.000	91	207199	50.0	50.0	
35 1,1-Dichloroethane	63	2.993	2.994	-0.001	100	254608	50.0	45.9	
36 Vinyl acetate	86	3.039	3.039	0.000	100	54178	100.0	87.7	
37 Isopropyl ether	45	3.062	3.062	0.000	91	568565	50.0	50.1	
38 2-Chloro-1,3-butadiene	88	3.073	3.074	-0.001	94	145693	50.0	48.2	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	549354	50.0	49.3	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	271070	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.485	-0.001	92	133667	50.0	44.1	
42 2,2-Dichloropropane	97	3.484	3.485	-0.001	93	49640	50.0	47.8	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	83489	250.0	242.5	
44 Propionitrile	54	3.541	3.542	-0.001	96	145271	500.0	658.2	
45 Ethyl acetate	43	3.564	3.564	0.000	99	336495	100.0	96.7	
46 Methyl acrylate	55	3.587	3.587	0.000	99	155323	50.0	50.1	
47 Methacrylonitrile	67	3.690	3.690	0.000	93	592870	500.0	475.1	
48 Chlorobromomethane	128	3.690	3.690	0.000	97	63261	50.0	48.8	
49 Tetrahydrofuran	42	3.747	3.747	0.000	96	57906	100.0	75.0	
50 Chloroform	83	3.770	3.770	0.000	97	243871	50.0	45.8	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	100161	50.0	46.5	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	233228	50.0	49.7	
53 Cyclohexane	84	3.998	3.998	0.000	95	208938	50.0	46.8	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	88	226088	50.0	48.7	
54 Carbon tetrachloride	117	4.101	4.101	0.000	78	186938	50.0	49.4	
56 Isobutyl alcohol	43	4.238	4.238	0.000	97	183585	1250.0	1476.4	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	150718	50.0	47.1	
58 Benzene	78	4.306	4.307	-0.001	98	637409	50.0	47.8	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	220082	50.0	45.0	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	61172	50.0	47.4	
61 Isooctane	57	4.409	4.409	0.000	94	386755	50.0	51.0	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	98	481860	50.0	50.9	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	477631	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	179346	50.0	51.2	
65 n-Butanol	56	4.934	4.935	0.000	91	123707	1250.0	1471.8	
66 Trichloroethene	95	4.980	4.980	0.000	95	158297	50.0	46.9	
67 Ethyl acrylate	55	5.128	5.129	-0.001	99	229317	50.0	51.6	
68 Methylcyclohexane	83	5.197	5.197	0.000	89	226802	50.0	49.0	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	89	173231	50.0	46.1	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	29711	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.346	-0.001	93	83993	50.0	44.0	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	87419	100.0	100.7	
73 1,4-Dioxane	88	5.391	5.391	0.000	31	41551	1000.0	1021.3	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	260873	50.0	51.0	
75 Dichlorobromomethane	83	5.539	5.540	-0.001	97	205678	50.0	47.4	
76 2-Nitropropane	41	5.825	5.825	0.000	99	114018	100.0	94.9	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	95	114229	50.1	48.0	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	281016	1000.0	962.2	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	275317	50.0	48.8	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	884401	250.0	261.3	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	503454	50.0	49.6	
82 Toluene	91	6.521	6.521	0.000	92	697062	50.0	47.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	96	257737	50.0	47.8	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	230766	50.0	49.8	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	118169	50.0	44.6	
86 Tetrachloroethene	166	7.241	7.241	0.000	92	142007	50.0	45.1	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	253614	50.0	49.0	
88 2-Hexanone	43	7.446	7.446	0.000	98	614067	250.0	263.2	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	139419	50.0	48.9	
90 n-Butyl acetate	43	7.674	7.675	-0.001	97	284714	50.0	50.9	
91 Ethylene Dibromide	107	7.720	7.720	0.000	98	141559	50.0	48.9	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	360025	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	91	421868	50.0	48.8	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.599	0.012	94	138089	50.0	49.0	
95 Ethylbenzene	106	8.668	8.668	0.000	99	230362	50.0	48.6	
96 m-Xylene & p-Xylene	106	8.862	8.851	0.012	0	280153	50.0	49.9	
97 o-Xylene	106	9.455	9.456	-0.001	93	272627	50.0	48.0	
98 Styrene	104	9.490	9.490	0.000	91	475011	50.0	50.5	
99 n-Butyl acrylate	73	9.512	9.513	-0.001	96	135577	50.0	51.9	
100 Bromoform	173	9.718	9.718	0.000	93	87042	50.0	47.1	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	333613	50.0	51.0	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	647597	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	83	139491	50.0	50.3	
104 Bromobenzene	156	10.483	10.483	0.000	92	170765	50.0	49.7	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	188537	50.0	45.3	
106 1,2,3-Trichloropropane	75	10.597	10.597	0.000	95	164097	50.0	49.5	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	87	78757	50.0	49.9	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	796721	50.0	51.2	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	512893	50.0	50.4	
110 4-Ethyltoluene	105	10.951	10.951	0.000	99	616690	50.0	50.5	
111 4-Chlorotoluene	91	11.020	11.020	0.000	98	574680	50.0	50.8	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	483610	50.0	49.7	
113 Butyl Methacrylate	87	11.282	11.282	0.000	98	197377	50.0	54.6	
114 tert-Butylbenzene	119	11.499	11.499	0.000	93	450702	50.0	52.1	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	99	465061	50.0	50.0	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	634955	50.0	51.9	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	312336	50.0	49.8	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	181243	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	77	316123	50.0	49.6	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	503250	50.0	49.7	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	481242	50.0	50.8	
122 Benzyl chloride	126	12.058	12.059	-0.001	97	71783	50.0	48.7	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	529874	50.0	51.0	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	300828	50.0	49.6	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	283087	50.0	49.5	
126 n-Butylbenzene	92	12.275	12.276	-0.001	96	234718	50.0	50.5	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	392276	50.0	46.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	39	38623	50.0	49.0	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	157633	50.0	49.9	
130 1,2,4-Trichlorobenzene	180	13.371	13.372	-0.001	93	152246	50.0	48.0	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	91	66420	50.0	49.7	
132 Naphthalene	128	13.520	13.520	0.000	99	395272	50.0	47.4	
133 1,2,3-Trichlorobenzene	180	13.668	13.680	-0.012	92	139189	50.0	47.9	
S 135 1,2-Dichloroethene, Total	100				0		100.0	87.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		100.0	97.9	
S 137 Total BTEX	1				0		250.0	242.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00637	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	50.00	Units: uL	
524FREONS_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00182	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:52:31 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28660.d

Injection Date: 19-Apr-2025 07:20:30 Instrument ID: CVOAMS12 Operator ID:

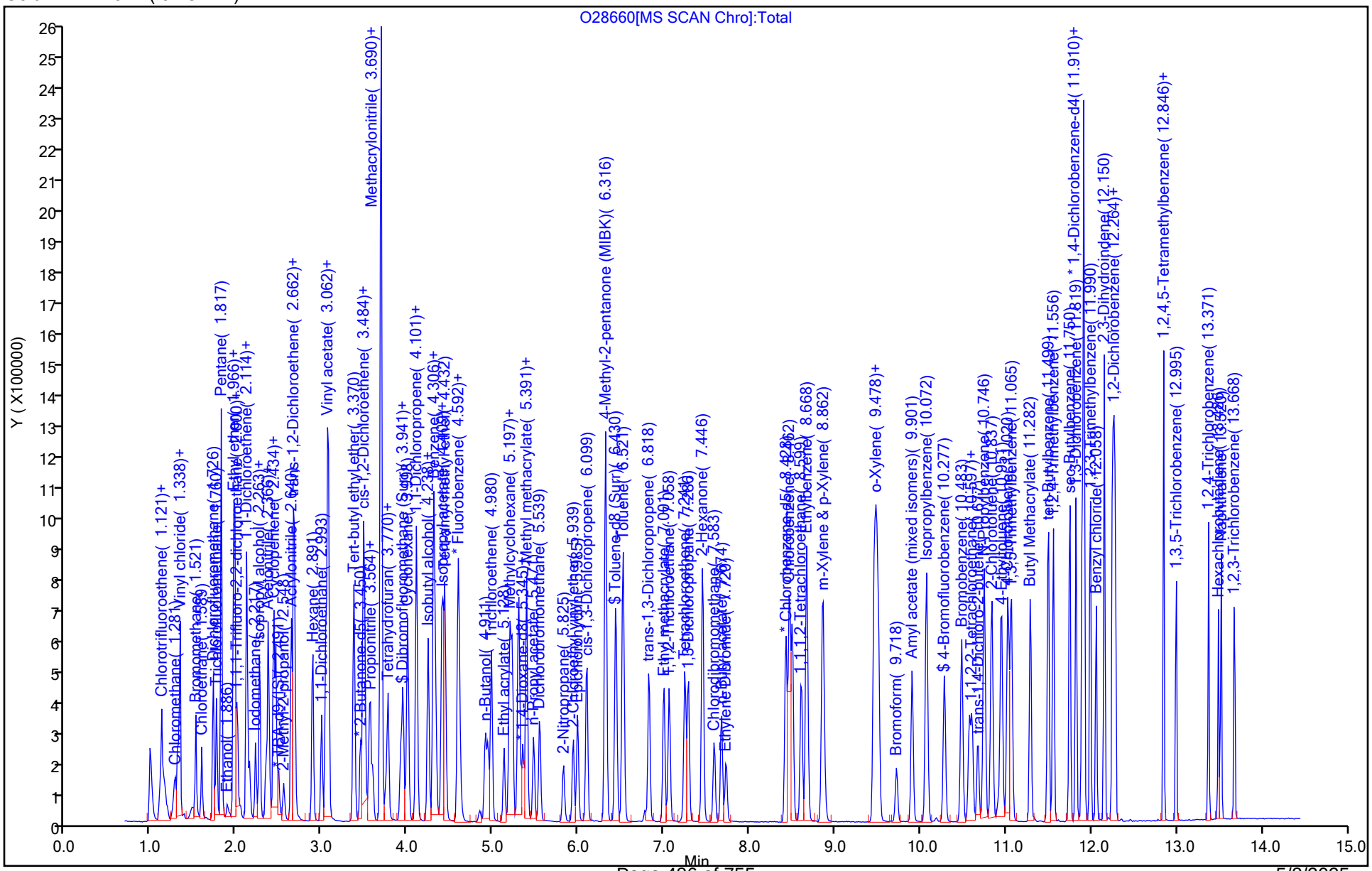
Lims ID: STD50 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

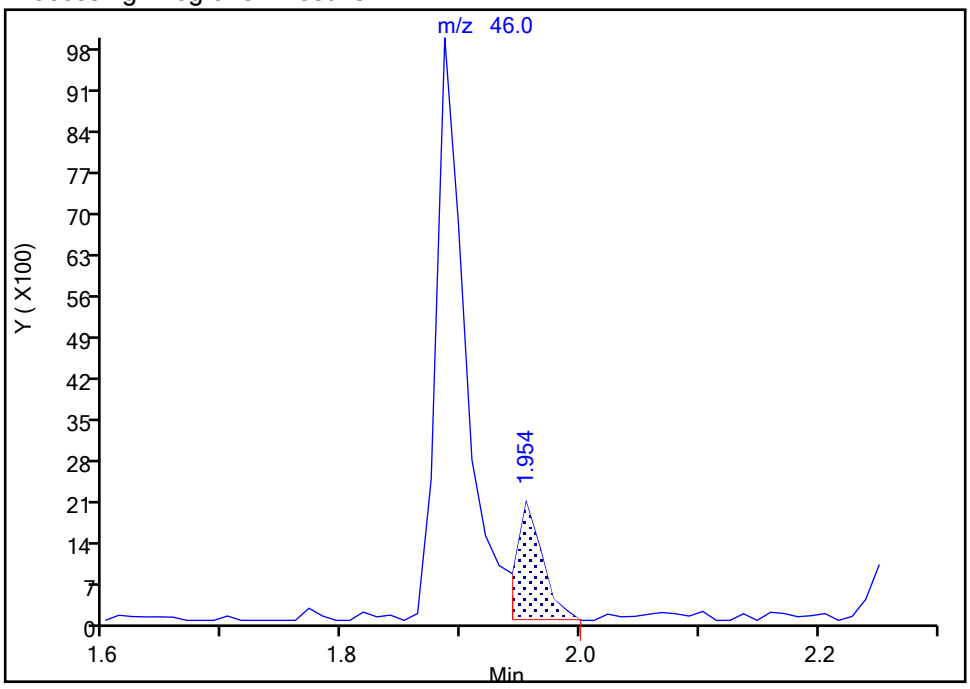
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28660.d
Injection Date: 19-Apr-2025 07:20:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

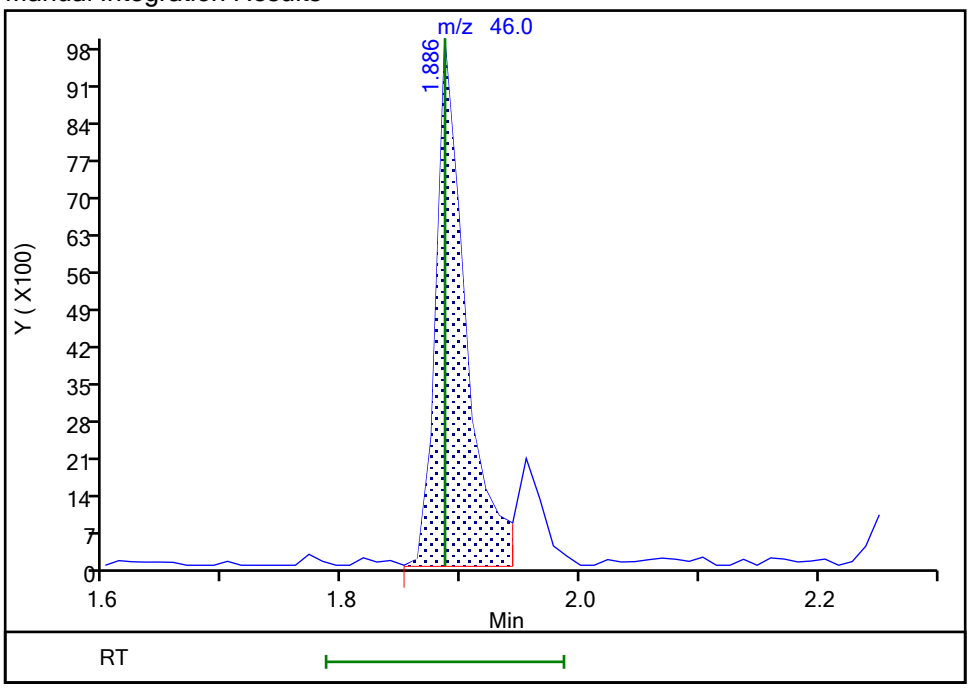
Processing Integration Results

RT: 1.95
Area: 3140
Amount: 359.9997
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 17182
Amount: 2048.5245
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:07:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28661.d
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Apr-2025 07:48:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0189580-010
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:52:46 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:08:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	91	161633	200.0	319.6	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	929217	200.0	231.1	
3 Chlorodifluoromethane	67	1.155	1.156	-0.001	96	146659	200.0	205.7	
4 Chloromethane	50	1.281	1.281	0.000	99	1034899	200.0	199.0	
5 Vinyl chloride	62	1.315	1.315	0.000	98	819139	200.0	204.0	
6 Butadiene	54	1.338	1.338	0.000	98	840009	200.0	222.7	
7 Bromomethane	94	1.521	1.521	0.000	99	585816	200.0	197.8	
8 Chloroethane	64	1.589	1.589	0.000	100	540284	200.0	195.6	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	1361584	200.0	204.5	
10 Trichlorofluoromethane	101	1.760	1.761	-0.001	98	1000325	200.0	228.2	
11 Pentane	57	1.817	1.818	-0.001	96	354832	400.0	392.4	
12 Ethanol	46	1.886	1.886	0.000	98	69771	8000.0	8456.0	a
13 Ethyl ether	59	1.954	1.955	-0.001	95	569504	200.0	196.7	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	96	570938	200.0	206.3	
15 2-Methyl-1,3-butadiene	53	1.977	1.978	-0.001	99	696453	200.0	193.4	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.012	2.000	0.012	97	901124	200.0	223.1	
17 Acrolein	56	2.046	2.046	0.000	94	63589	200.0	363.0	
18 1,1-Dichloroethene	96	2.114	2.115	-0.001	96	604489	200.0	226.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.126	-0.012	95	577048	200.0	204.3	
20 Acetone	43	2.149	2.149	0.000	85	729844	1000.0	1024.4	
21 Iodomethane	142	2.217	2.217	0.000	99	915553	200.0	202.0	
22 Isopropyl alcohol	45	2.251	2.252	-0.001	98	291991	2000.0	3299.0	
23 Carbon disulfide	76	2.263	2.263	0.000	100	2214700	200.0	208.3	
24 Acetonitrile	40	2.343	2.343	0.000	98	518536	2000.0	2050.6	
25 3-Chloro-1-propene	76	2.365	2.366	-0.001	88	403255	200.0	212.6	
26 Methyl acetate	43	2.388	2.389	-0.001	100	659949	400.0	415.4	
27 Cyclopentene	67	2.434	2.434	0.000	96	1810292	200.0	199.8	
28 Methylene Chloride	84	2.457	2.457	0.000	98	651253	200.0	185.2	
* 29 TBA-d9 (IS)	65	2.491	2.480	0.011	0	142794	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	379154	2000.0	1747.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.639	2.640	-0.001	94	1765896	2000.0	2031.2	
32 trans-1,2-Dichloroethene	96	2.662	2.663	-0.001	98	660999	200.0	199.4	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	2042794	200.0	202.2	
34 Hexane	57	2.891	2.891	0.000	92	883334	200.0	209.5	
35 1,1-Dichloroethane	63	2.993	2.994	-0.001	100	1165210	200.0	206.4	
36 Vinyl acetate	86	3.039	3.039	0.000	100	289455	400.0	469.4	
37 Isopropyl ether	45	3.062	3.062	0.000	91	2373544	200.0	205.6	
38 2-Chloro-1,3-butadiene	88	3.073	3.074	-0.001	95	594026	200.0	193.0	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	2287058	200.0	201.5	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	270672	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.485	-0.001	89	640159	200.0	207.4	
42 2,2-Dichloropropane	97	3.484	3.485	-0.001	79	206315	200.0	195.4	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	334714	1000.0	973.6	
44 Propionitrile	54	3.553	3.542	0.011	96	750487	2000.0	3456.5	
45 Ethyl acetate	43	3.564	3.564	0.000	99	1402073	400.0	403.6	
46 Methyl acrylate	55	3.587	3.587	0.000	99	655979	200.0	208.0	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	2565359	2000.0	2019.8	
48 Chlorobromomethane	128	3.701	3.690	0.011	46	290876	200.0	220.3	
49 Tetrahydrofuran	42	3.747	3.747	0.000	84	293223	400.0	380.1	
50 Chloroform	83	3.770	3.770	0.000	97	1056262	200.0	194.9	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	96	112700	50.0	51.4	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	946248	200.0	198.3	
53 Cyclohexane	84	3.998	3.998	0.000	94	907787	200.0	199.9	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	89	918081	200.0	194.4	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	784006	200.0	203.7	
56 Isobutyl alcohol	43	4.238	4.238	0.000	98	731683	5000.0	5981.3	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	161797	50.0	49.7	
58 Benzene	78	4.306	4.307	-0.001	98	2624381	200.0	188.5	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	936548	200.0	188.2	
60 Isopropyl acetate	61	4.398	4.398	0.000	93	264652	200.0	201.3	
61 Isooctane	57	4.409	4.409	0.000	67	1650638	200.0	213.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	95	2025253	200.0	210.2	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	486115	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	777749	200.0	218.0	
65 n-Butanol	56	4.946	4.935	0.012	93	523512	5000.0	6331.3	
66 Trichloroethene	95	4.980	4.980	0.000	95	635697	200.0	185.1	
67 Ethyl acrylate	55	5.128	5.129	-0.001	98	971914	200.0	215.0	
68 Methylcyclohexane	83	5.197	5.197	0.000	90	1006771	200.0	213.7	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	89	705558	200.0	184.4	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	33473	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.346	-0.001	94	360387	200.0	185.4	
72 Methyl methacrylate	100	5.391	5.391	0.000	91	371452	400.0	420.3	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	166793	4000.0	3638.8	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	1118634	200.0	214.8	
75 Dichlorobromomethane	83	5.551	5.540	0.011	98	866975	200.0	196.3	
76 2-Nitropropane	41	5.825	5.825	0.000	99	494531	400.0	404.5	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	95	473738	200.5	195.6	
78 Epichlorohydrin	57	5.996	5.985	0.011	99	1296182	4000.0	4444.6	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	1158122	200.0	196.6	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	3779740	1000.0	1118.5	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	523266	50.0	49.4	
82 Toluene	91	6.521	6.521	0.000	93	2947004	200.0	194.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	96	1096206	200.0	195.0	
84 Ethyl methacrylate	69	7.001	7.001	0.000	90	977198	200.0	202.3	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	505746	200.0	183.0	
86 Tetrachloroethene	166	7.240	7.241	-0.001	93	605471	200.0	184.4	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	1047474	200.0	194.2	
88 2-Hexanone	43	7.457	7.446	0.011	98	2617388	1000.0	1123.7	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	615250	200.0	207.1	
90 n-Butyl acetate	43	7.674	7.675	-0.001	97	1206450	200.0	206.8	
91 Ethylene Dibromide	107	7.731	7.720	0.011	98	598504	200.0	198.1	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	375488	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	92	1773660	200.0	196.6	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.599	0.012	94	581399	200.0	197.8	
95 Ethylbenzene	106	8.668	8.668	0.000	99	971963	200.0	196.4	
96 m-Xylene & p-Xylene	106	8.862	8.851	0.012	0	1187922	200.0	203.0	
97 o-Xylene	106	9.455	9.456	-0.001	93	1176184	200.0	198.4	
98 Styrene	104	9.490	9.490	0.000	92	2068657	200.0	210.7	
99 n-Butyl acrylate	73	9.512	9.513	-0.001	96	580570	200.0	213.1	
100 Bromoform	173	9.718	9.718	0.000	94	413348	200.0	214.4	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	1447321	200.0	201.0	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	2749970	200.0	203.5	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	83	147431	50.0	51.0	
104 Bromobenzene	156	10.483	10.483	0.000	93	729953	200.0	193.1	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	845000	200.0	184.3	
106 1,2,3-Trichloropropane	75	10.608	10.597	0.011	96	676477	200.0	185.6	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	89	362934	200.0	208.8	
108 N-Propylbenzene	91	10.745	10.746	-0.001	98	3482704	200.0	203.4	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	2163464	200.0	193.3	
110 4-Ethyltoluene	105	10.951	10.951	0.000	99	2773159	200.0	206.3	
111 4-Chlorotoluene	91	11.019	11.020	-0.001	99	2508517	200.0	201.7	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	2153547	200.0	201.2	
113 Butyl Methacrylate	87	11.293	11.282	0.011	97	919007	200.0	230.9	
114 tert-Butylbenzene	119	11.499	11.499	0.000	93	1991011	200.0	209.1	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	2161304	200.0	211.3	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	2930252	200.0	217.7	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	95	1381729	200.0	200.1	
* 118 1,4-Dichlorobenzene-d4	152	11.899	11.887	0.012	98	199459	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	89	1456761	200.0	207.7	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	2474201	200.0	221.8	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	2214290	200.0	212.3	
122 Benzyl chloride	126	12.058	12.059	-0.001	97	319336	200.0	200.7	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	2401052	200.0	209.8	
124 1,2-Dichlorobenzene	146	12.253	12.241	0.011	95	1365861	200.0	204.4	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	1391304	200.0	221.1	
126 n-Butylbenzene	92	12.275	12.276	-0.001	97	1094178	200.0	214.1	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	1563086	200.0	166.8	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	40	178581	200.0	205.9	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	97	742285	200.0	213.3	
130 1,2,4-Trichlorobenzene	180	13.371	13.372	-0.001	94	702399	200.0	201.4	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	90	299659	200.0	203.5	
132 Naphthalene	128	13.520	13.520	0.000	99	1669198	200.0	182.0	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	94	615992	200.0	192.8	
S 135 1,2-Dichloroethene, Total	100				0		400.0	406.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		400.0	401.4	
S 137 Total BTEX	1				0		1000.0	980.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

Ethanol mix_00100	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	20.00	Units: uL	
MIX I Hi_00187	Amount Added:	20.00	Units: uL	
7 Freons Hi_00026	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	20.00	Units: uL	
GAS Hi_00493	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:52:46 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28661.d

Injection Date: 19-Apr-2025 07:48:30 Instrument ID: CVOAMS12 Operator ID:

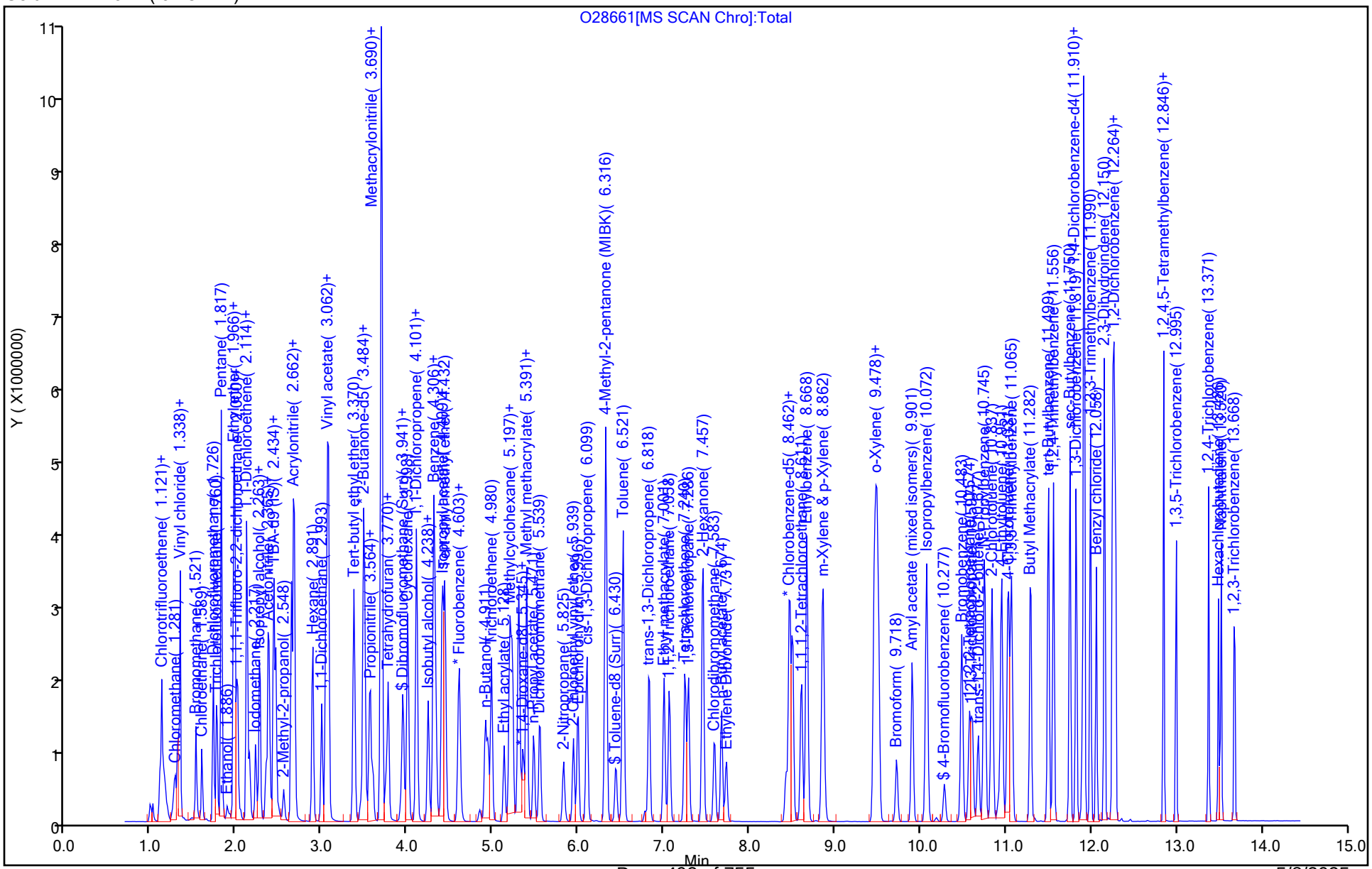
Lims ID: STD200 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

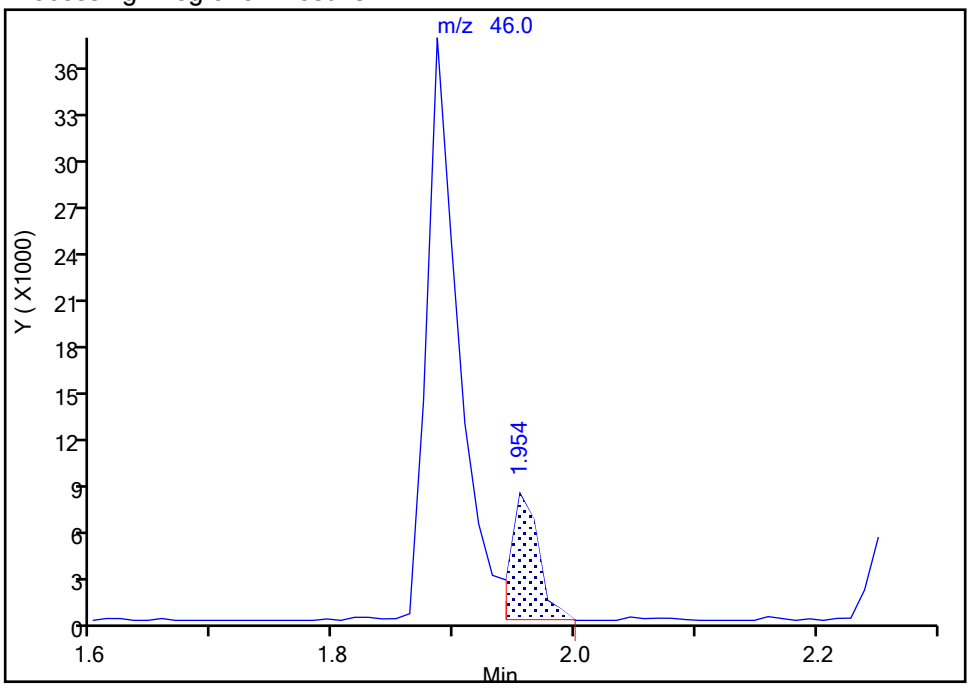
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28661.d
Injection Date: 19-Apr-2025 07:48:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

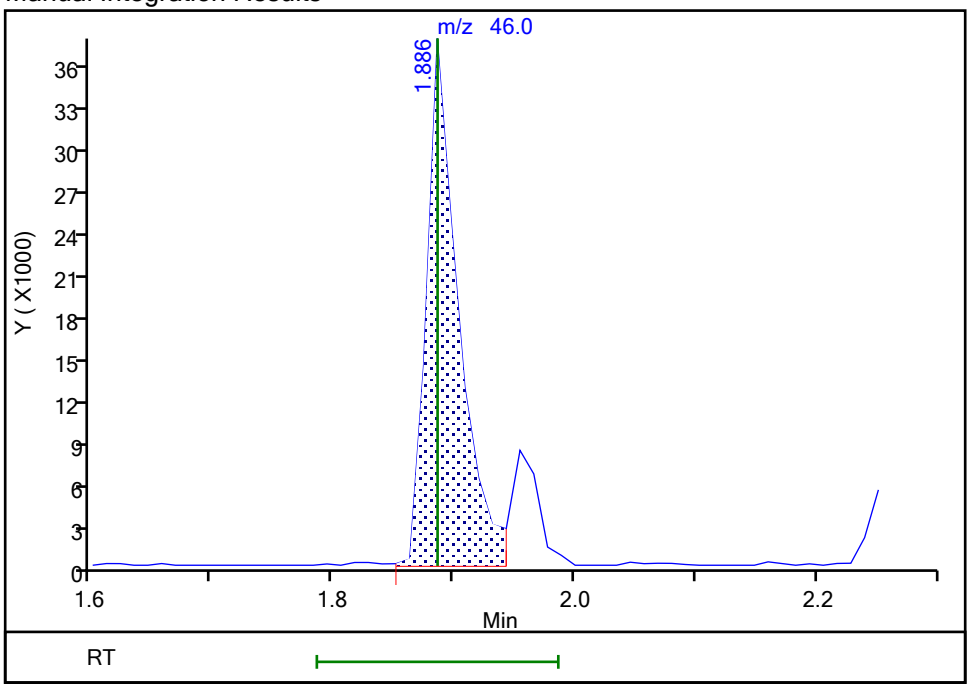
Processing Integration Results

RT: 1.95
Area: 13296
Amount: 1389.7709
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 69771
Amount: 8455.9896
Amount Units: ug/l



Reviewer: HVW2, 20-Apr-2025 06:08:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Apr-2025 08:17:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0189580-011
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:53:01 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: HVW2 Date: 20-Apr-2025 06:12:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	90	432025	500.0	827.9	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	2632641	500.0	590.0	
3 Chlorodifluoromethane	67	1.155	1.156	-0.001	97	375191	500.0	474.0	
4 Chloromethane	50	1.281	1.281	0.000	99	2709653	500.0	469.5	
5 Vinyl chloride	62	1.315	1.315	0.000	98	2243248	500.0	503.3	
6 Butadiene	54	1.338	1.338	0.000	98	2288054	500.0	546.6	
7 Bromomethane	94	1.521	1.521	0.000	99	988613	500.0	270.4	
8 Chloroethane	64	1.578	1.589	-0.011	100	1517798	500.0	495.1	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	3690409	500.0	499.3	
10 Trichlorofluoromethane	101	1.761	1.761	0.000	98	2721629	500.0	559.5	
11 Pentane	57	1.818	1.818	0.000	96	971942	1000.0	968.5	
12 Ethanol	46	1.898	1.886	0.012	99	172525	20000	14569	
13 Ethyl ether	59	1.966	1.955	0.011	63	1576615	500.0	491.2	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	91	1606026	500.0	499.2	
15 2-Methyl-1,3-butadiene	53	1.977	1.978	-0.001	95	1924904	500.0	481.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.012	2.000	0.012	97	2427634	500.0	541.4	
17 Acrolein	56	2.046	2.046	0.000	98	129619	400.0	515.6	
18 1,1-Dichloroethene	96	2.114	2.115	-0.001	96	1614113	500.0	543.7	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.126	-0.012	94	1609160	500.0	513.2	
20 Acetone	43	2.149	2.149	0.000	85	1761183	2500.0	2496.3	
21 Iodomethane	142	2.217	2.217	0.000	99	2376332	500.0	499.7	
22 Isopropyl alcohol	45	2.263	2.252	0.011	98	803636	5000.0	6326.3	
23 Carbon disulfide	76	2.263	2.263	0.000	100	5836817	500.0	494.6	
24 Acetonitrile	40	2.354	2.343	0.011	92	1377705	5000.0	4983.5	
25 3-Chloro-1-propene	76	2.366	2.366	0.000	89	1028082	500.0	488.4	
26 Methyl acetate	43	2.388	2.389	-0.001	100	2016733	1000.0	998.3	
27 Cyclopentene	67	2.434	2.434	0.000	96	5323250	500.0	529.4	
28 Methylene Chloride	84	2.457	2.457	0.000	95	1734003	500.0	444.2	
* 29 TBA-d9 (IS)	65	2.503	2.480	0.023	0	204943	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.560	2.548	0.012	99	1317267	5000.0	4230.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	94	4851633	5000.0	4995.8	
32 trans-1,2-Dichloroethene	96	2.662	2.663	-0.001	97	1872603	500.0	509.0	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	5445394	500.0	485.6	
34 Hexane	57	2.891	2.891	0.000	92	2376426	500.0	507.8	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	100	3179328	500.0	507.3	
36 Vinyl acetate	86	3.039	3.039	0.000	100	762088	1000.0	1197.6	
37 Isopropyl ether	45	3.062	3.062	0.000	88	6339791	500.0	494.9	
38 2-Chloro-1,3-butadiene	88	3.073	3.074	-0.001	93	1636835	500.0	479.3	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	6258514	500.0	496.9	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	279298	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.485	-0.001	90	1815169	500.0	529.8	
42 2,2-Dichloropropane	97	3.484	3.485	-0.001	80	575122	500.0	490.8	
43 2-Butanone (MEK)	72	3.507	3.496	0.011	100	873717	2500.0	2463.0	
44 Propionitrile	54	3.564	3.542	0.022	94	2086146	5000.0	6694.5	
45 Ethyl acetate	43	3.564	3.564	0.000	99	3649640	1000.0	1018.1	
46 Methyl acrylate	55	3.599	3.587	0.012	99	1849342	500.0	528.4	
47 Methacrylonitrile	67	3.713	3.690	0.023	92	6974984	5000.0	4947.8	
48 Chlorobromomethane	128	3.701	3.690	0.011	93	809597	500.0	552.5	
49 Tetrahydrofuran	42	3.747	3.747	0.000	95	919045	1000.0	1154.6	
50 Chloroform	83	3.781	3.770	0.011	97	2991076	500.0	497.3	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	123527	50.0	50.7	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	2607224	500.0	492.2	
53 Cyclohexane	84	3.998	3.998	0.000	94	2488717	500.0	493.9	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	90	2555097	500.0	487.4	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	2203957	500.0	515.9	
56 Isobutyl alcohol	43	4.261	4.238	0.023	98	1986587	12500	11315	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.249	4.238	0.011	0	174314	50.0	48.2	
58 Benzene	78	4.307	4.307	-0.001	97	7285371	500.0	479.2	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	2535064	500.0	458.9	
60 Isopropyl acetate	61	4.409	4.398	0.011	92	728640	500.0	499.4	
61 Isooctane	57	4.409	4.409	0.000	64	4509161	500.0	526.4	
62 Tert-amyl methyl ether	73	4.444	4.432	0.012	93	5536722	500.0	517.7	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	539546	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	97	2059793	500.0	520.2	
65 n-Butanol	56	4.969	4.935	0.035	91	1514433	12500	12761	
66 Trichloroethene	95	4.980	4.980	0.000	96	1782445	500.0	467.6	
67 Ethyl acrylate	55	5.140	5.129	0.011	98	2647256	500.0	527.6	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	2789285	500.0	533.4	
69 1,2-Dichloropropane	63	5.231	5.220	0.011	92	1890193	500.0	445.0	
* 70 1,4-Dioxane-d8	96	5.345	5.334	0.011	0	42111	1000.0	1000.0	
71 Dibromomethane	93	5.357	5.346	0.011	96	975213	500.0	451.9	
72 Methyl methacrylate	100	5.403	5.391	0.012	91	1026236	1000.0	1046.3	
73 1,4-Dioxane	88	5.403	5.391	0.012	94	461174	10000	7997.3	
74 n-Propyl acetate	43	5.482	5.471	0.011	99	3001500	500.0	519.3	
75 Dichlorobromomethane	83	5.551	5.540	0.011	98	2352599	500.0	480.0	
76 2-Nitropropane	41	5.825	5.825	0.000	99	1342000	1000.0	989.0	
77 2-Chloroethyl vinyl ether	63	5.951	5.939	0.012	96	1280220	501.2	476.2	
78 Epichlorohydrin	57	5.996	5.985	0.011	99	3414535	10000	11347	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	3162235	500.0	491.6	
80 4-Methyl-2-pentanone (MIBK)	43	6.327	6.316	0.011	98	10033737	2500.0	2877.4	
$ 81 Toluene-d8 (Surr)	98	6.441	6.430	0.011	97	561412	50.0	48.5	
82 Toluene	91	6.521	6.521	0.000	93	8019016	500.0	483.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.830	6.818	0.012	96	3025771	500.0	492.9	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	2628169	500.0	498.1	
85 1,1,2-Trichloroethane	83	7.069	7.058	0.011	94	1375979	500.0	455.9	
86 Tetrachloroethene	166	7.252	7.241	0.011	94	1709137	500.0	476.6	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	2845312	500.0	483.0	
88 2-Hexanone	43	7.458	7.446	0.012	98	6854006	2500.0	2851.7	
89 Chlorodibromomethane	129	7.595	7.583	0.012	97	1739202	500.0	536.1	
90 n-Butyl acetate	43	7.674	7.675	-0.001	98	3208197	500.0	503.6	
91 Ethylene Dibromide	107	7.732	7.720	0.012	98	1632275	500.0	494.7	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	410086	50.0	50.0	
93 Chlorobenzene	112	8.474	8.462	0.012	91	4981215	500.0	505.7	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.599	0.012	94	1654043	500.0	515.2	
95 Ethylbenzene	106	8.679	8.668	0.011	99	2666283	500.0	493.4	
96 m-Xylene & p-Xylene	106	8.862	8.851	0.012	0	3287559	500.0	514.5	
97 o-Xylene	106	9.467	9.456	0.011	93	3289794	500.0	508.1	
98 Styrene	104	9.490	9.490	0.000	93	5833891	500.0	544.0	
99 n-Butyl acrylate	73	9.513	9.513	0.000	96	1569688	500.0	527.5	
100 Bromoform	173	9.730	9.718	0.012	95	1223929	500.0	581.2	
101 Amyl acetate (mixed isomers)	43	9.912	9.901	0.011	89	3746435	500.0	453.5	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	7623949	500.0	516.5	
$ 103 4-Bromofluorobenzene	174	10.289	10.278	0.011	86	161591	50.0	51.2	
104 Bromobenzene	156	10.494	10.483	0.011	96	2054407	500.0	473.6	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	2316550	500.0	440.4	
106 1,2,3-Trichloropropane	75	10.609	10.597	0.012	96	1839998	500.0	440.0	
107 trans-1,4-Dichloro-2-butene	75	10.689	10.666	0.023	89	983188	500.0	493.1	
108 N-Propylbenzene	91	10.757	10.746	0.011	98	9475958	500.0	482.3	
109 2-Chlorotoluene	91	10.848	10.837	0.011	97	5856645	500.0	456.1	
110 4-Ethyltoluene	105	10.963	10.951	0.012	99	7781326	500.0	504.5	
111 4-Chlorotoluene	91	11.031	11.020	0.011	98	6870730	500.0	481.5	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	6018098	500.0	490.0	
113 Butyl Methacrylate	87	11.294	11.282	0.012	96	2583319	500.0	565.8	
114 tert-Butylbenzene	119	11.499	11.499	0.000	93	5635965	500.0	515.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	6118888	500.0	521.4	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	8152256	500.0	527.8	
117 1,3-Dichlorobenzene	146	11.830	11.819	0.011	95	3974756	500.0	501.6	
* 118 1,4-Dichlorobenzene-d4	152	11.899	11.887	0.012	97	228848	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.922	11.910	0.012	93	4351162	500.0	540.6	
119 4-Isopropyltoluene	119	11.922	11.910	0.012	97	7370406	500.0	576.0	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	6434605	500.0	537.7	
122 Benzyl chloride	126	12.059	12.059	0.000	98	877351	500.0	499.9	
123 2,3-Dihydroindene	117	12.161	12.150	0.011	94	6882657	500.0	524.3	
124 1,2-Dichlorobenzene	146	12.253	12.241	0.012	96	3992133	500.0	520.8	
125 p-Diethylbenzene	119	12.264	12.264	0.000	91	4060692	500.0	562.4	
126 n-Butylbenzene	92	12.287	12.276	0.011	97	3212168	500.0	547.9	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	4650116	500.0	432.6	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	40	522930	500.0	525.6	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	97	2271455	500.0	569.0	
130 1,2,4-Trichlorobenzene	180	13.383	13.372	0.011	94	2069580	500.0	517.1	
131 Hexachlorobutadiene	225	13.497	13.486	0.011	97	892447	500.0	528.3	
132 Naphthalene	128	13.520	13.520	0.000	99	4787695	500.0	455.0	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	95	1954820	500.0	533.3	
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1038.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		1000.0	1022.6	
S 137 Total BTEX	1				0		2500.0	2478.5	

QC Flag Legend

Processing Flags

Reagents:

Ethanol mix_00100	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	50.00	Units: uL	
MIX I Hi_00187	Amount Added:	50.00	Units: uL	
7 Freons Hi_00026	Amount Added:	50.00	Units: uL	
ACROLEIN W_00182	Amount Added:	40.00	Units: uL	
GAS Hi_00493	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:53:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Injection Date: 19-Apr-2025 08:17:30 Instrument ID: CVOAMS12 Operator ID:

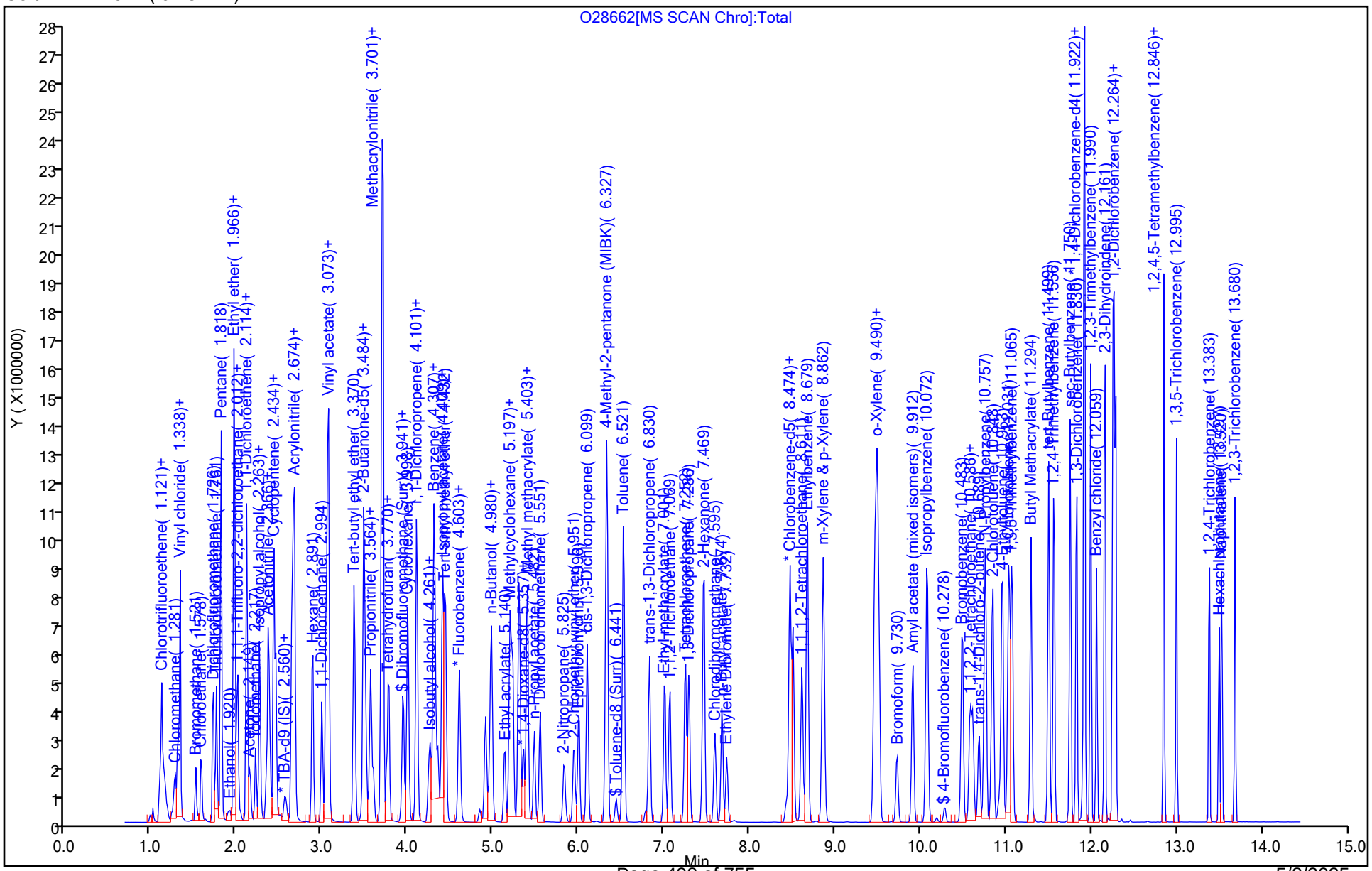
Lims ID: STD500 Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

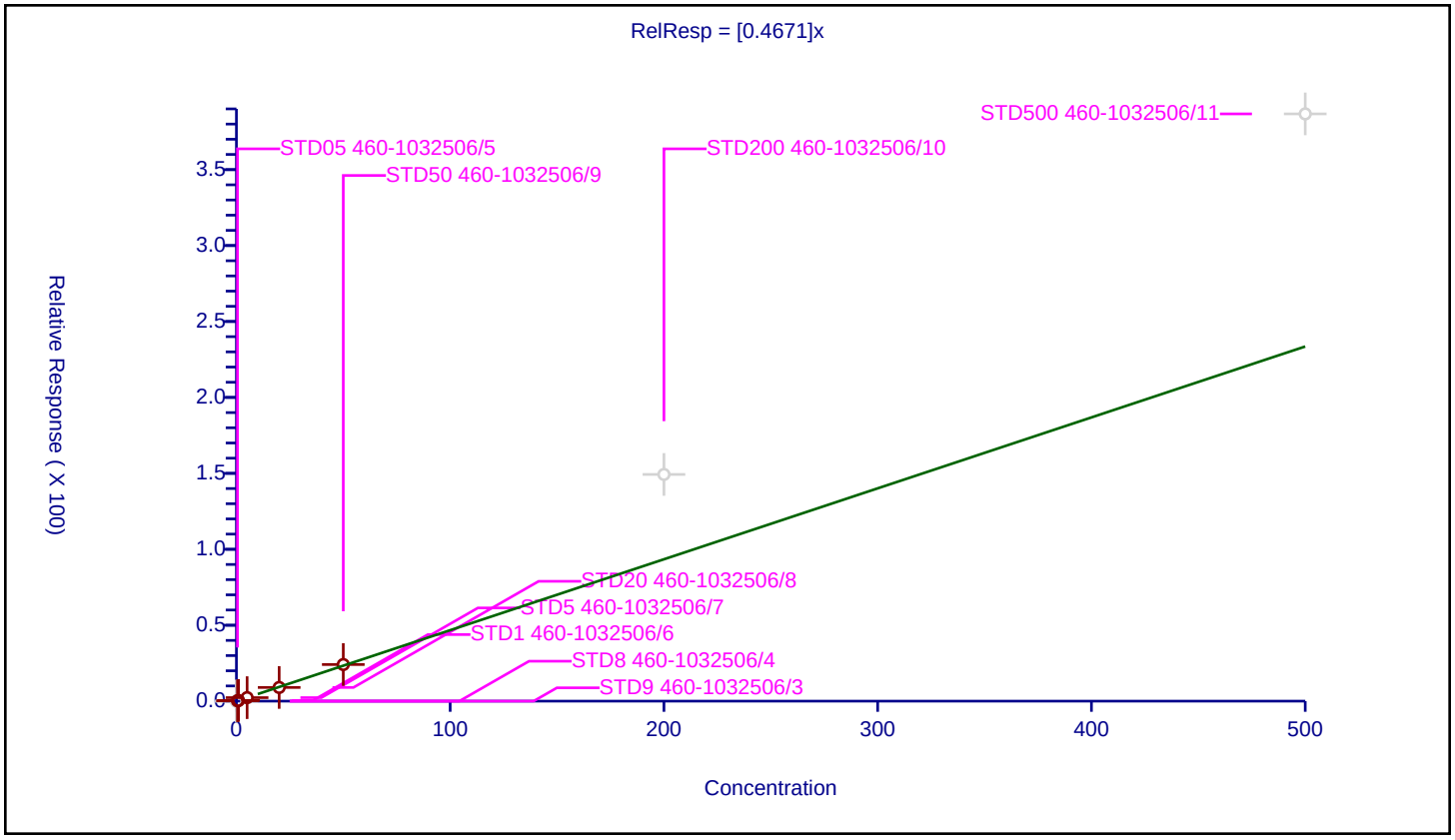
Curve Coefficients

Intercept:	0
Slope:	0.4671

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.0	0.0	250.0	297945.0	NaN	N
2	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
3	STD05 460-1032506/5	0.5	0.25428	250.0	283152.0	0.508561	Y
4	STD1 460-1032506/6	1.0	0.433621	250.0	292306.0	0.433621	Y
5	STD5 460-1032506/7	5.0	2.303663	250.0	285198.0	0.460733	Y
6	STD20 460-1032506/8	20.0	9.010713	250.0	278918.0	0.450536	Y
7	STD50 460-1032506/9	50.0	24.099864	250.0	271070.0	0.481997	Y
8	STD200 460-1032506/10	200.0	149.288622	250.0	270672.0	0.746443	N
9	STD500 460-1032506/11	500.0	386.706135	250.0	279298.0	0.773412	N



5/8/2025
8:59:30 AM

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

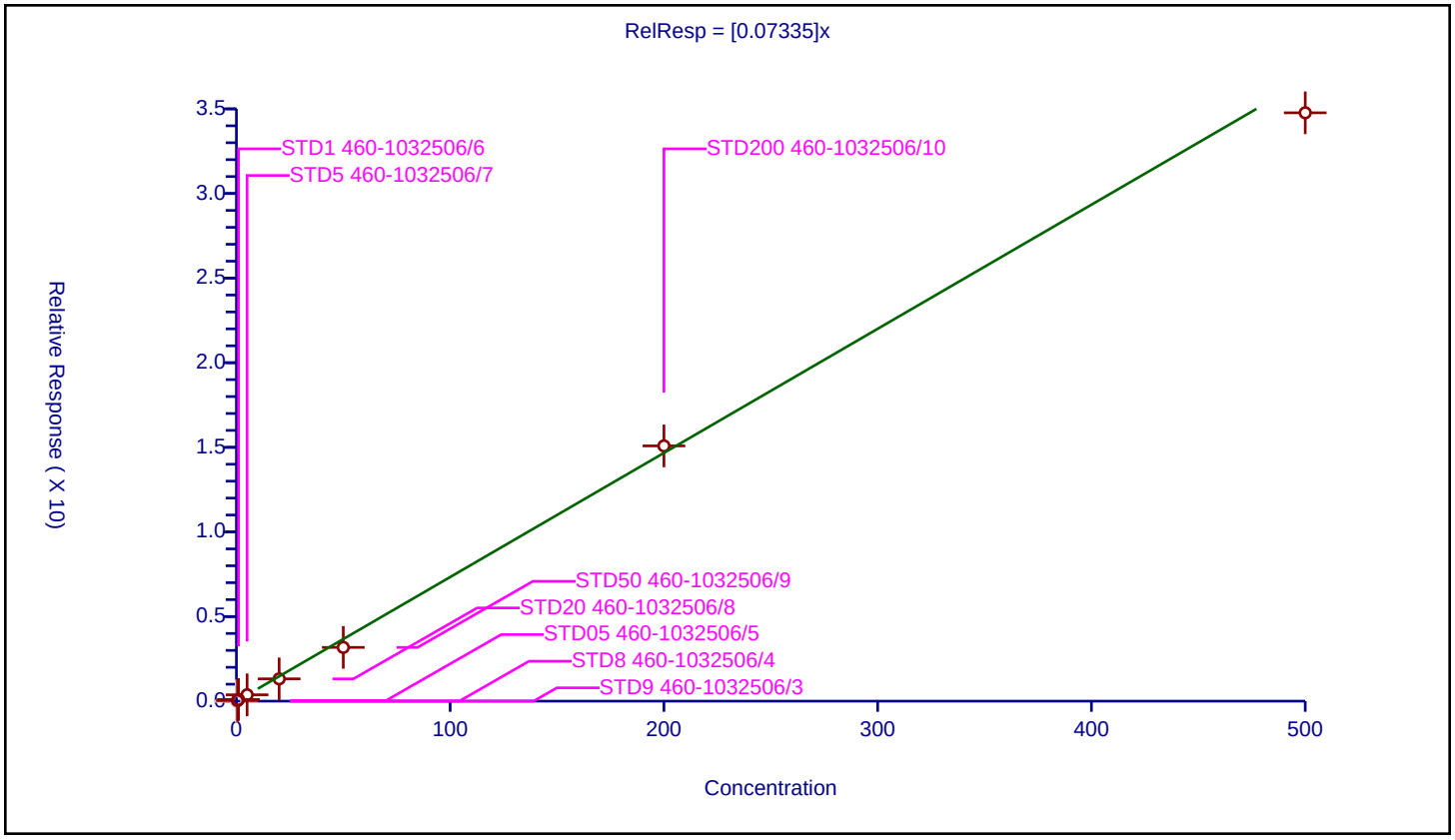
Curve Coefficients

Intercept:	0
Slope:	0.07335

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.0	0.0	50.0	495430.0	NaN	N
2	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
3	STD05 460-1032506/5	0.5	0.033706	50.0	479143.0	0.067412	Y
4	STD1 460-1032506/6	1.0	0.096515	50.0	474021.0	0.096515	Y
5	STD5 460-1032506/7	5.0	0.375583	50.0	476725.0	0.075117	Y
6	STD20 460-1032506/8	20.0	1.318463	50.0	470586.0	0.065923	Y
7	STD50 460-1032506/9	50.0	3.175255	50.0	477631.0	0.063505	Y
8	STD200 460-1032506/10	200.0	15.084805	50.0	486115.0	0.075424	Y
9	STD500 460-1032506/11	500.0	34.769139	50.0	539546.0	0.069538	Y



5/8/2025
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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

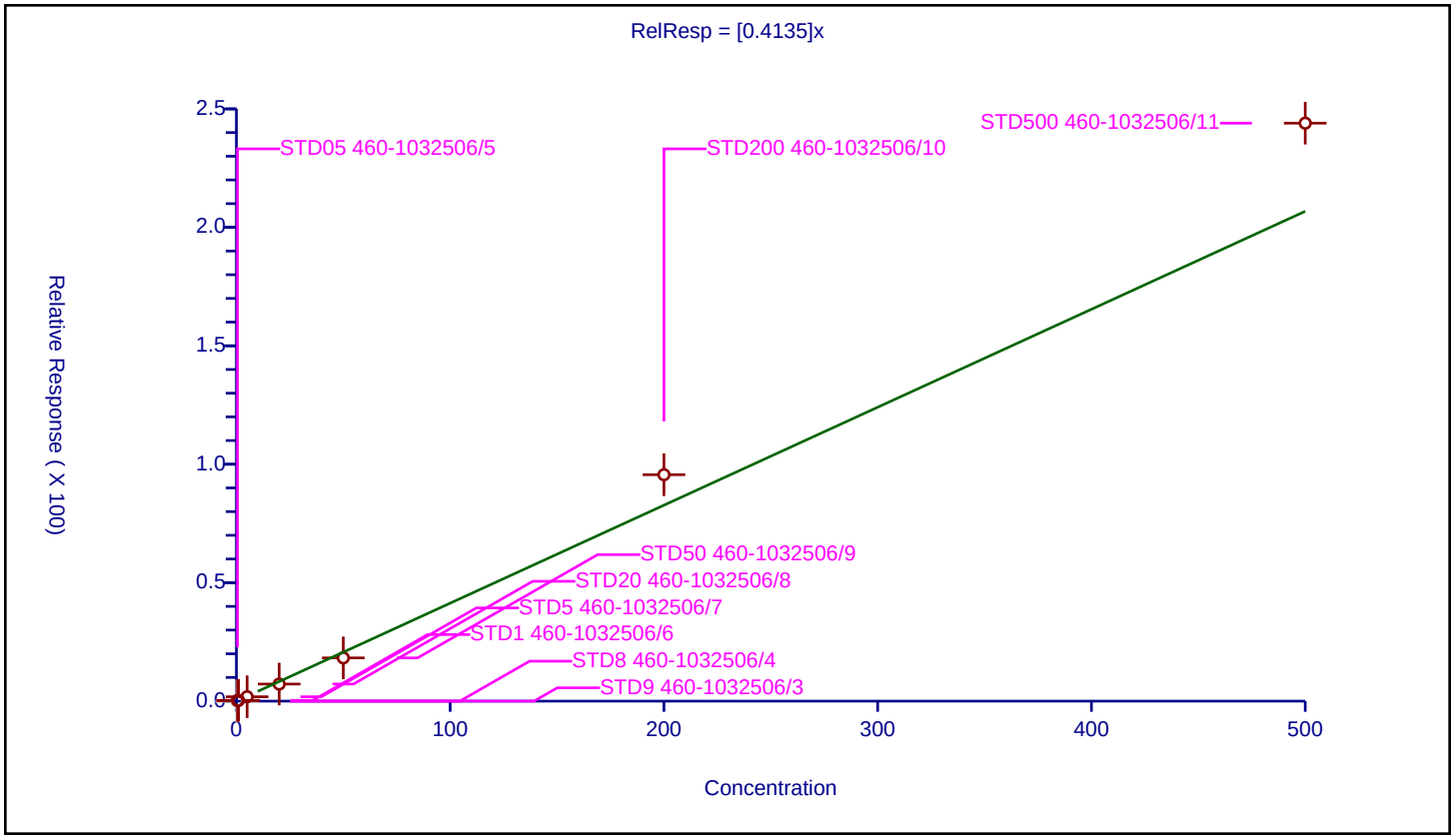
Curve Coefficients

Intercept:	0
Slope:	0.4135

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.249508	50.0	479143.0	0.499016	Y
4	STD1 460-1032506/6	1.0	0.335006	50.0	474021.0	0.335006	Y
5	STD5 460-1032506/7	5.0	1.846977	50.0	476725.0	0.369395	Y
6	STD20 460-1032506/8	20.0	7.208565	50.0	470586.0	0.360428	Y
7	STD50 460-1032506/9	50.0	18.252689	50.0	477631.0	0.365054	Y
8	STD200 460-1032506/10	200.0	95.575841	50.0	486115.0	0.477879	Y
9	STD500 460-1032506/11	500.0	243.96817	50.0	539546.0	0.487936	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

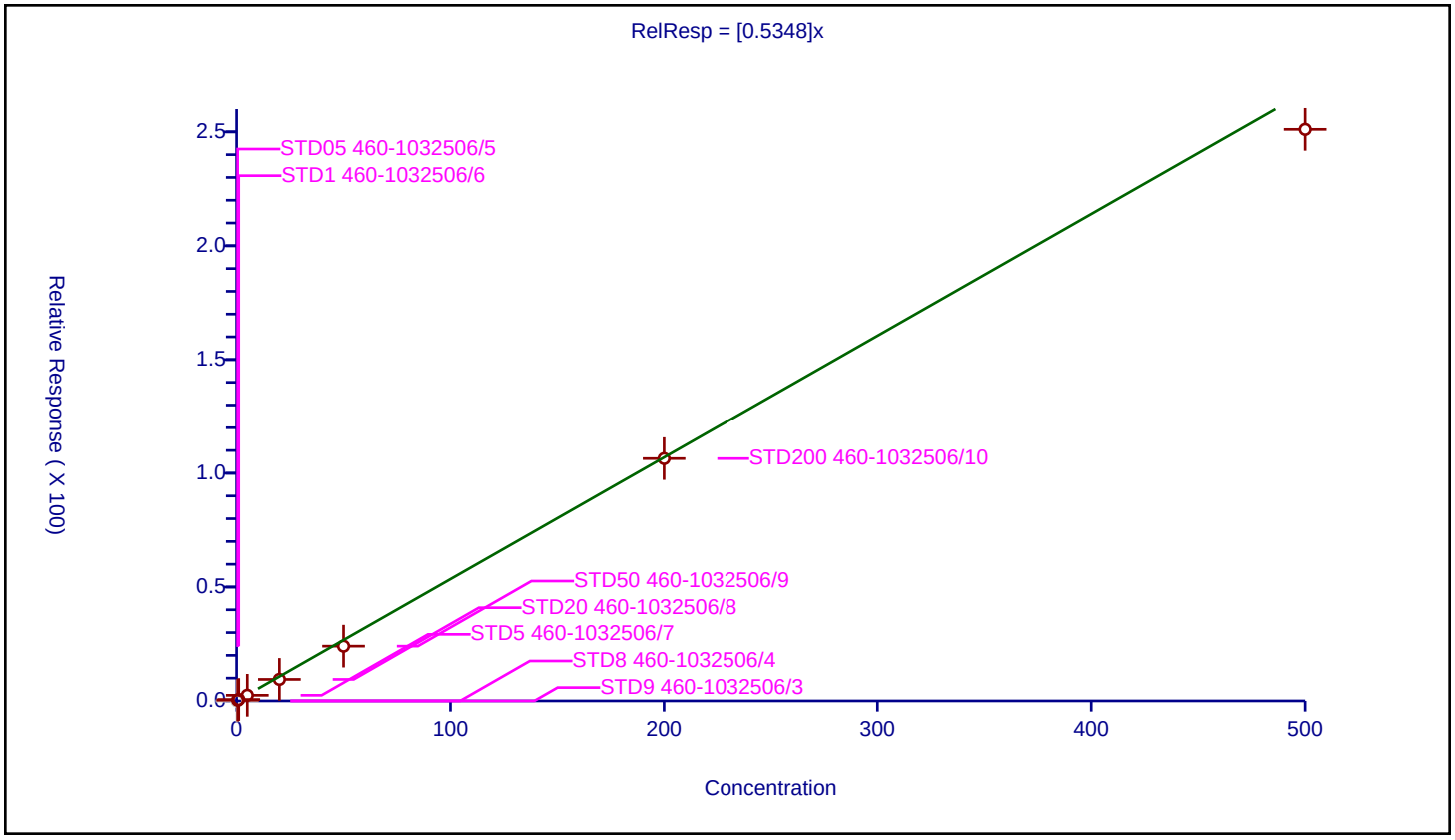
Curve Coefficients

Intercept:	0
Slope:	0.5348

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.324225	50.0	479143.0	0.648449	Y
4	STD1 460-1032506/6	1.0	0.613369	50.0	474021.0	0.613369	Y
5	STD5 460-1032506/7	5.0	2.473543	50.0	476725.0	0.494709	Y
6	STD20 460-1032506/8	20.0	9.439932	50.0	470586.0	0.471997	Y
7	STD50 460-1032506/9	50.0	24.043142	50.0	477631.0	0.480863	Y
8	STD200 460-1032506/10	200.0	106.445903	50.0	486115.0	0.53223	Y
9	STD500 460-1032506/11	500.0	251.10491	50.0	539546.0	0.50221	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

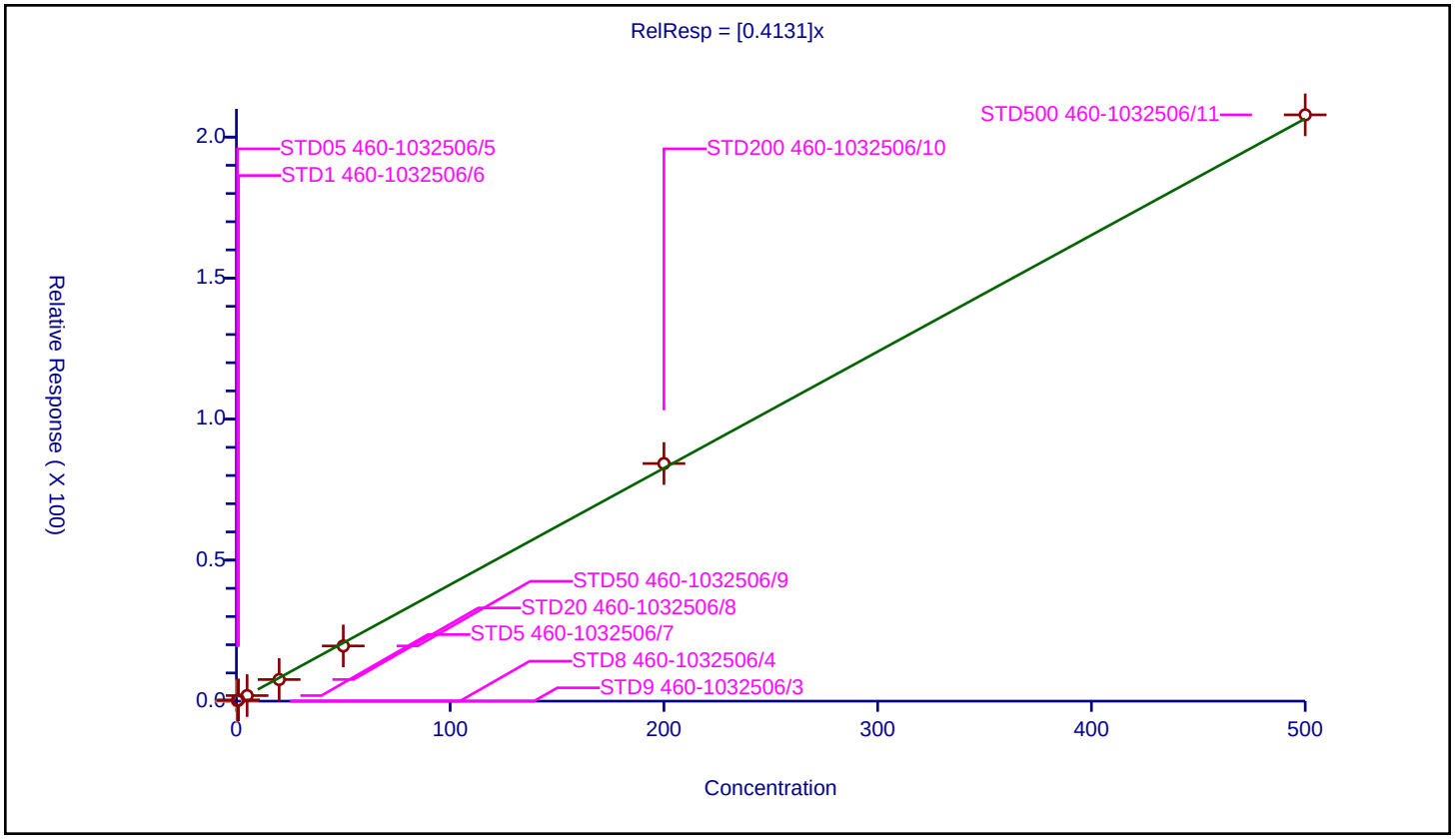
Curve Coefficients

Intercept:	0
Slope:	0.4131

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.222898	50.0	479143.0	0.445796	Y
4	STD1 460-1032506/6	1.0	0.439537	50.0	474021.0	0.439537	Y
5	STD5 460-1032506/7	5.0	1.97357	50.0	476725.0	0.394714	Y
6	STD20 460-1032506/8	20.0	7.66183	50.0	470586.0	0.383092	Y
7	STD50 460-1032506/9	50.0	19.569396	50.0	477631.0	0.391388	Y
8	STD200 460-1032506/10	200.0	84.253623	50.0	486115.0	0.421268	Y
9	STD500 460-1032506/11	500.0	207.882924	50.0	539546.0	0.415766	Y



5/8/2025
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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

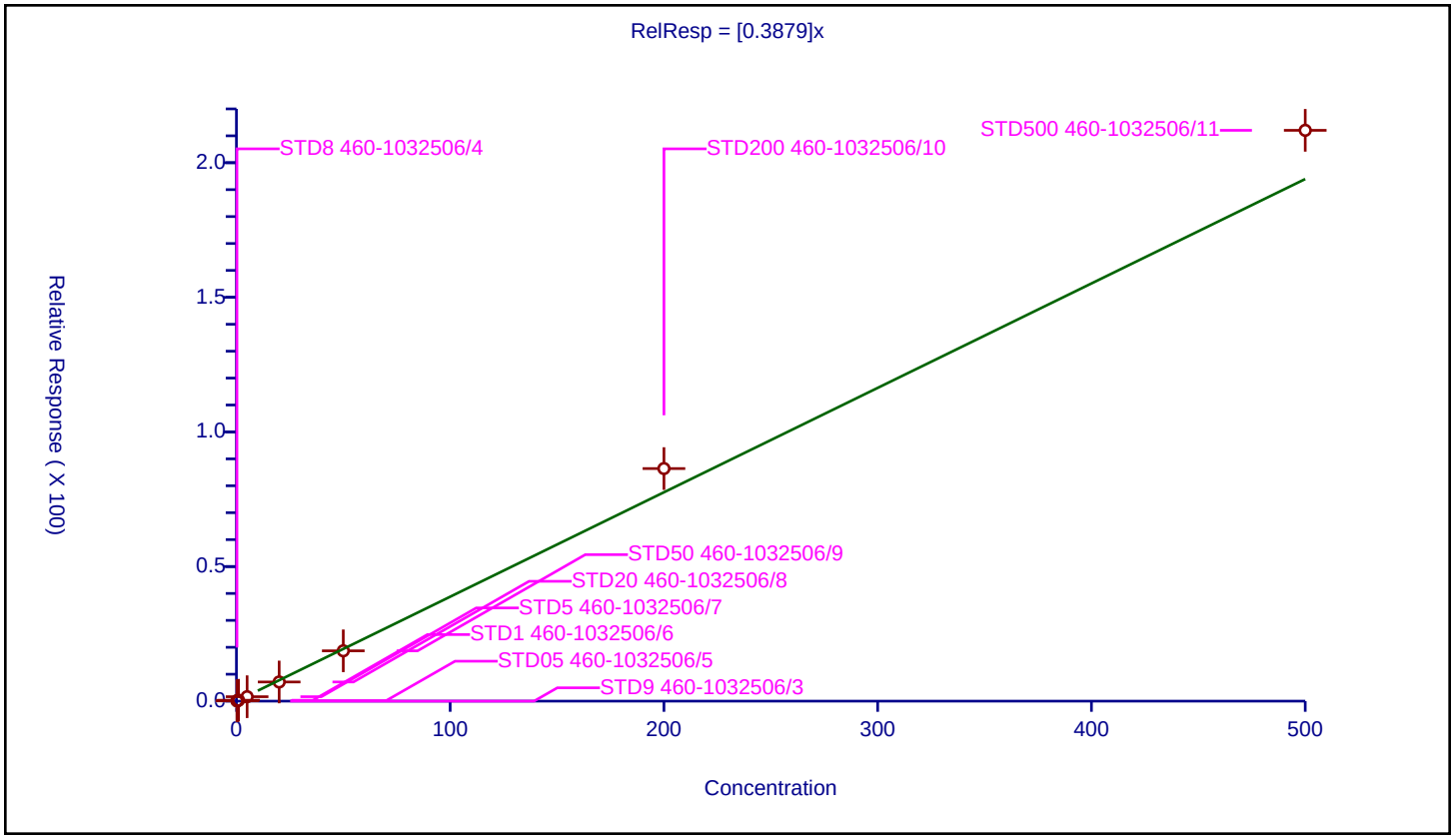
Curve Coefficients

Intercept:	0
Slope:	0.3879

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.134089	50.0	487734.0	0.536358	Y
3	STD05 460-1032506/5	0.5	0.158512	50.0	479143.0	0.317024	Y
4	STD1 460-1032506/6	1.0	0.333846	50.0	474021.0	0.333846	Y
5	STD5 460-1032506/7	5.0	1.649274	50.0	476725.0	0.329855	Y
6	STD20 460-1032506/8	20.0	7.121121	50.0	470586.0	0.356056	Y
7	STD50 460-1032506/9	50.0	18.693196	50.0	477631.0	0.373864	Y
8	STD200 460-1032506/10	200.0	86.400235	50.0	486115.0	0.432001	Y
9	STD500 460-1032506/11	500.0	212.035118	50.0	539546.0	0.42407	Y



5/8/2025
8:59:30 AM

Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

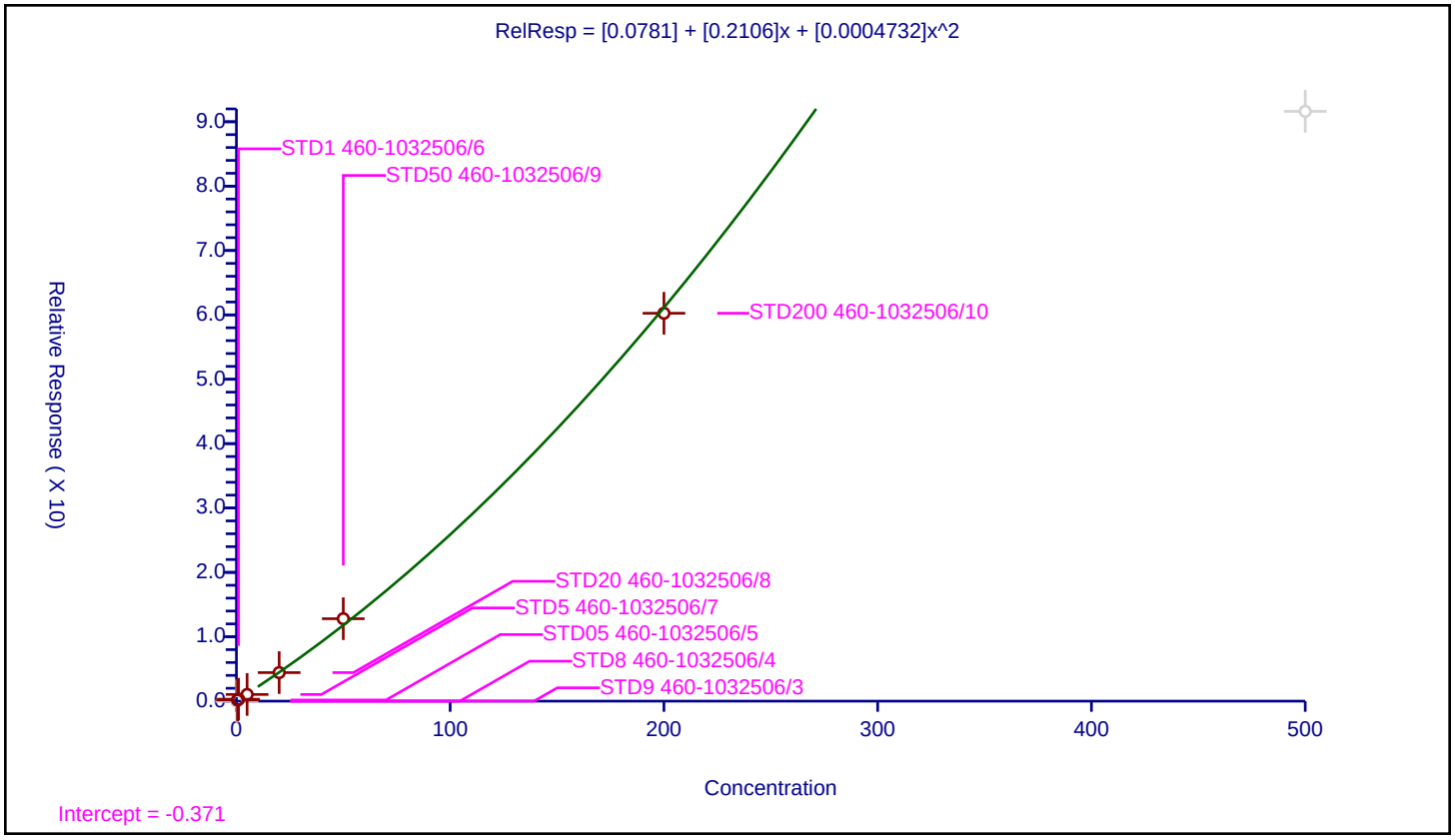
Curve Coefficients

Intercept:	0.0781
Slope:	0.2106
Second Order:	0.0004732

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.181574	50.0	479143.0	0.363148	Y
4	STD1 460-1032506/6	1.0	0.300936	50.0	474021.0	0.300936	Y
5	STD5 460-1032506/7	5.0	1.035398	50.0	476725.0	0.20708	Y
6	STD20 460-1032506/8	20.0	4.432452	50.0	470586.0	0.221623	Y
7	STD50 460-1032506/9	50.0	12.80455	50.0	477631.0	0.256091	Y
8	STD200 460-1032506/10	200.0	60.254878	50.0	486115.0	0.301274	Y
9	STD500 460-1032506/11	500.0	91.615265	50.0	539546.0	0.183231	N



5/8/2025
8:59:30 AM

Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

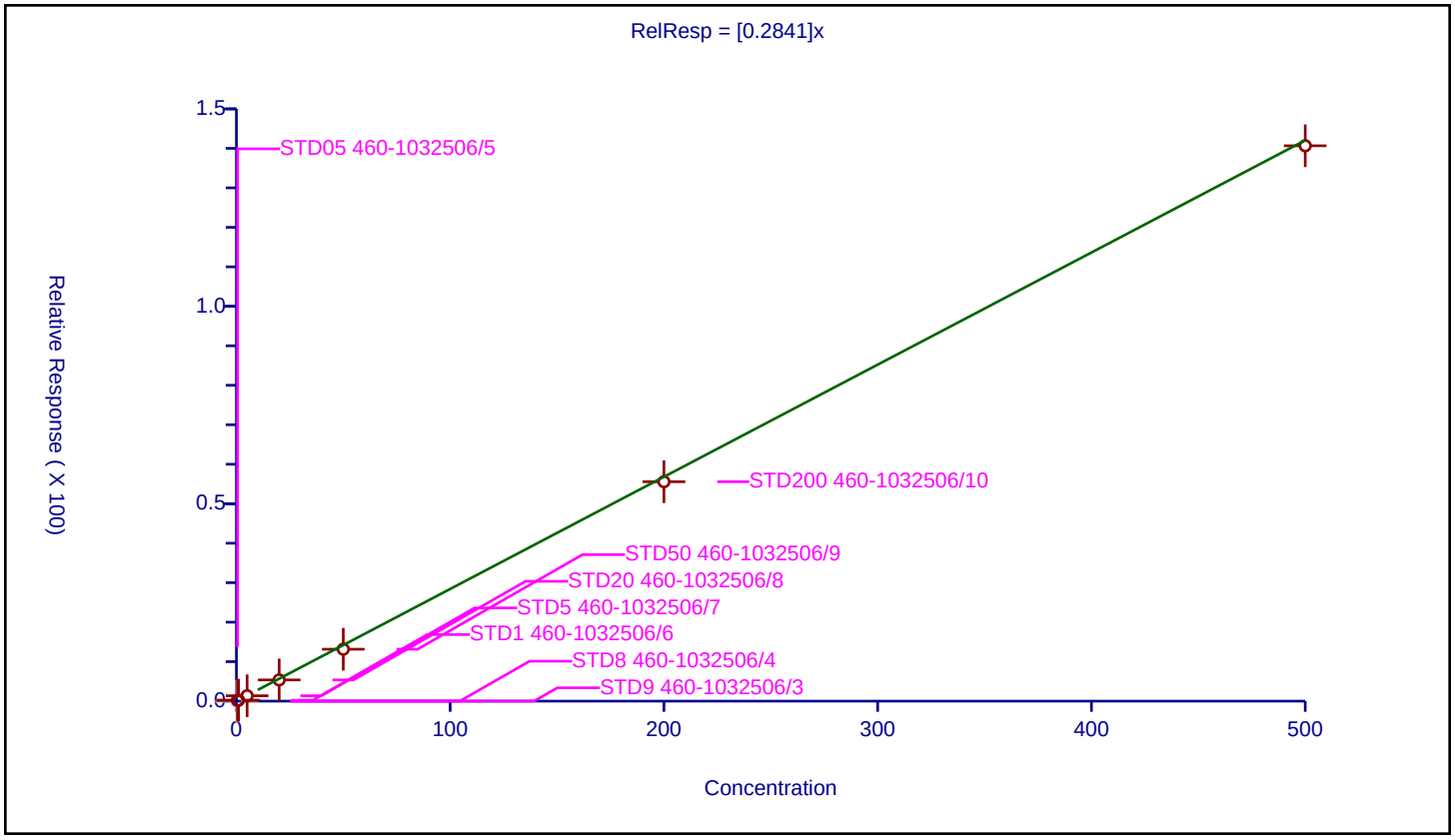
Curve Coefficients

Intercept:	0
Slope:	0.2841

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.192427	50.0	479143.0	0.384854	Y
4	STD1 460-1032506/6	1.0	0.239757	50.0	474021.0	0.239757	Y
5	STD5 460-1032506/7	5.0	1.364833	50.0	476725.0	0.272967	Y
6	STD20 460-1032506/8	20.0	5.373194	50.0	470586.0	0.26866	Y
7	STD50 460-1032506/9	50.0	13.153983	50.0	477631.0	0.26308	Y
8	STD200 460-1032506/10	200.0	55.571624	50.0	486115.0	0.277858	Y
9	STD500 460-1032506/11	500.0	140.655106	50.0	539546.0	0.28131	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

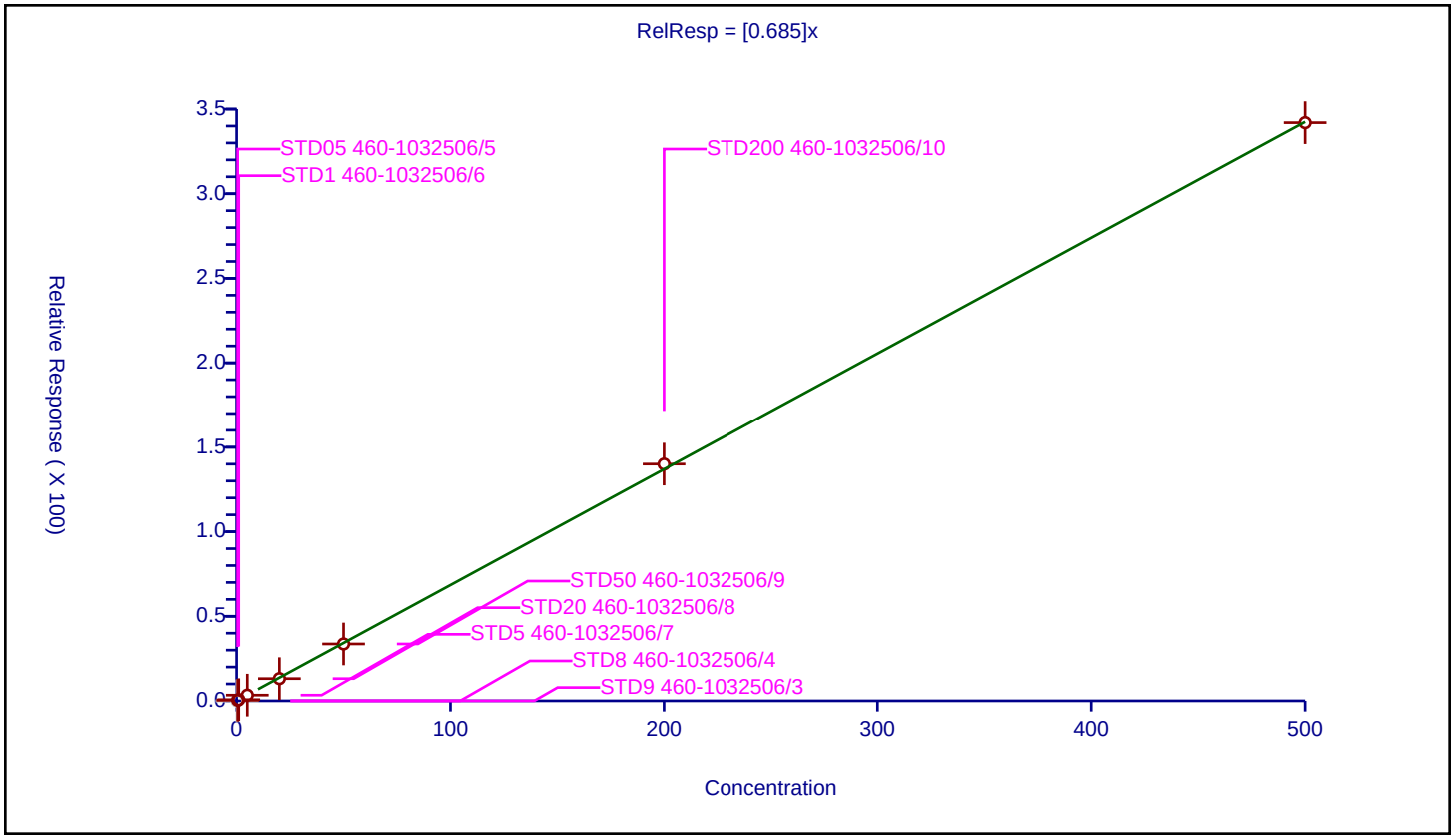
Curve Coefficients

Intercept:	0
Slope:	0.685

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.351983	50.0	479143.0	0.703965	Y
4	STD1 460-1032506/6	1.0	0.702395	50.0	474021.0	0.702395	Y
5	STD5 460-1032506/7	5.0	3.370392	50.0	476725.0	0.674078	Y
6	STD20 460-1032506/8	20.0	13.142019	50.0	470586.0	0.657101	Y
7	STD50 460-1032506/9	50.0	33.65171	50.0	477631.0	0.673034	Y
8	STD200 460-1032506/10	200.0	140.04752	50.0	486115.0	0.700238	Y
9	STD500 460-1032506/11	500.0	341.992064	50.0	539546.0	0.683984	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

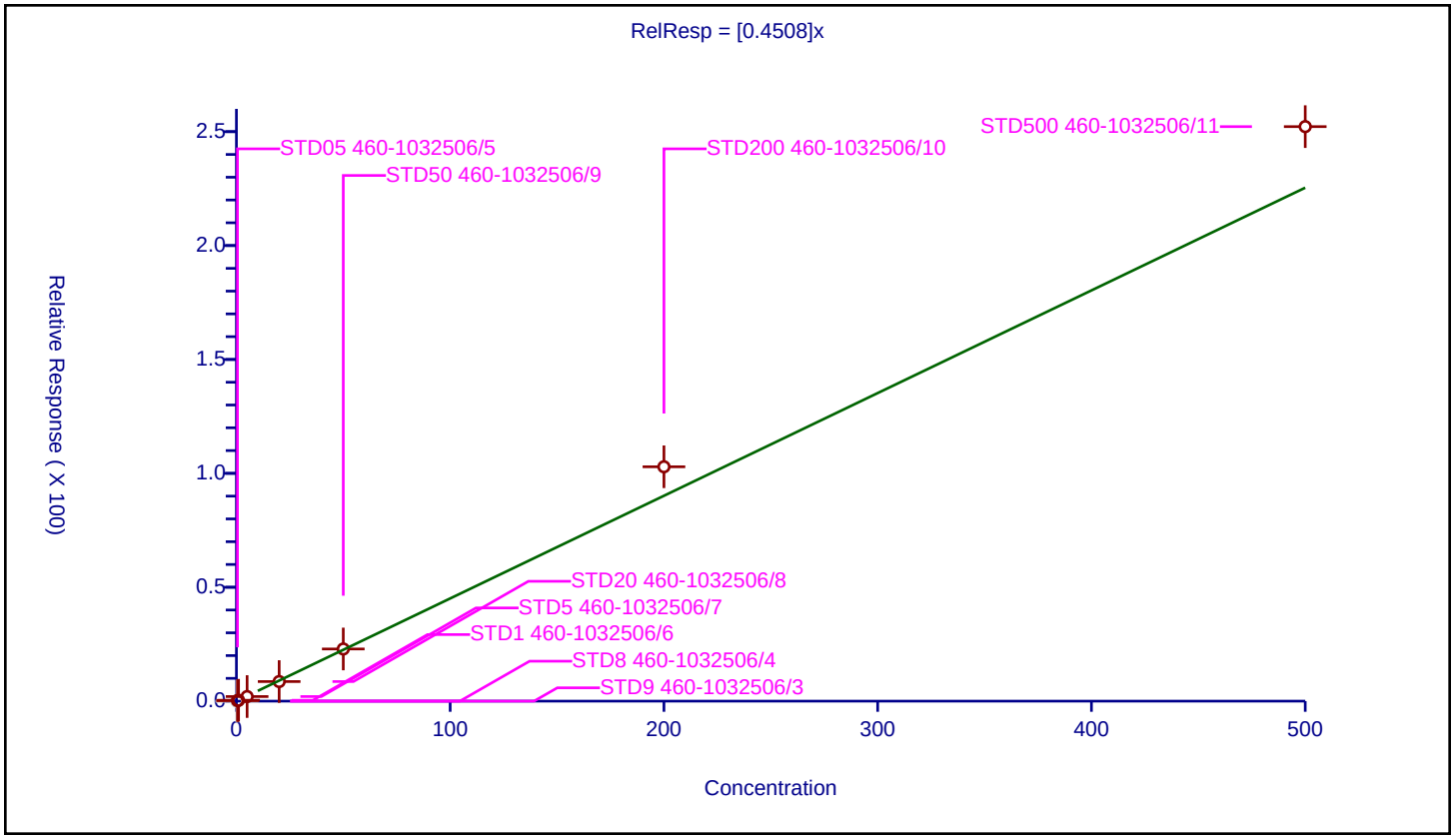
Curve Coefficients

Intercept:	0
Slope:	0.4508

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	0.25	0.0	50.0	487734.0	0.0	N
3	STD05 460-1032506/5	0.5	0.23542	50.0	479143.0	0.470841	Y
4	STD1 460-1032506/6	1.0	0.375089	50.0	474021.0	0.375089	Y
5	STD5 460-1032506/7	5.0	2.014579	50.0	476725.0	0.402916	Y
6	STD20 460-1032506/8	20.0	8.59556	50.0	470586.0	0.429778	Y
7	STD50 460-1032506/9	50.0	22.899896	50.0	477631.0	0.457998	Y
8	STD200 460-1032506/10	200.0	102.889748	50.0	486115.0	0.514449	Y
9	STD500 460-1032506/11	500.0	252.214732	50.0	539546.0	0.504429	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

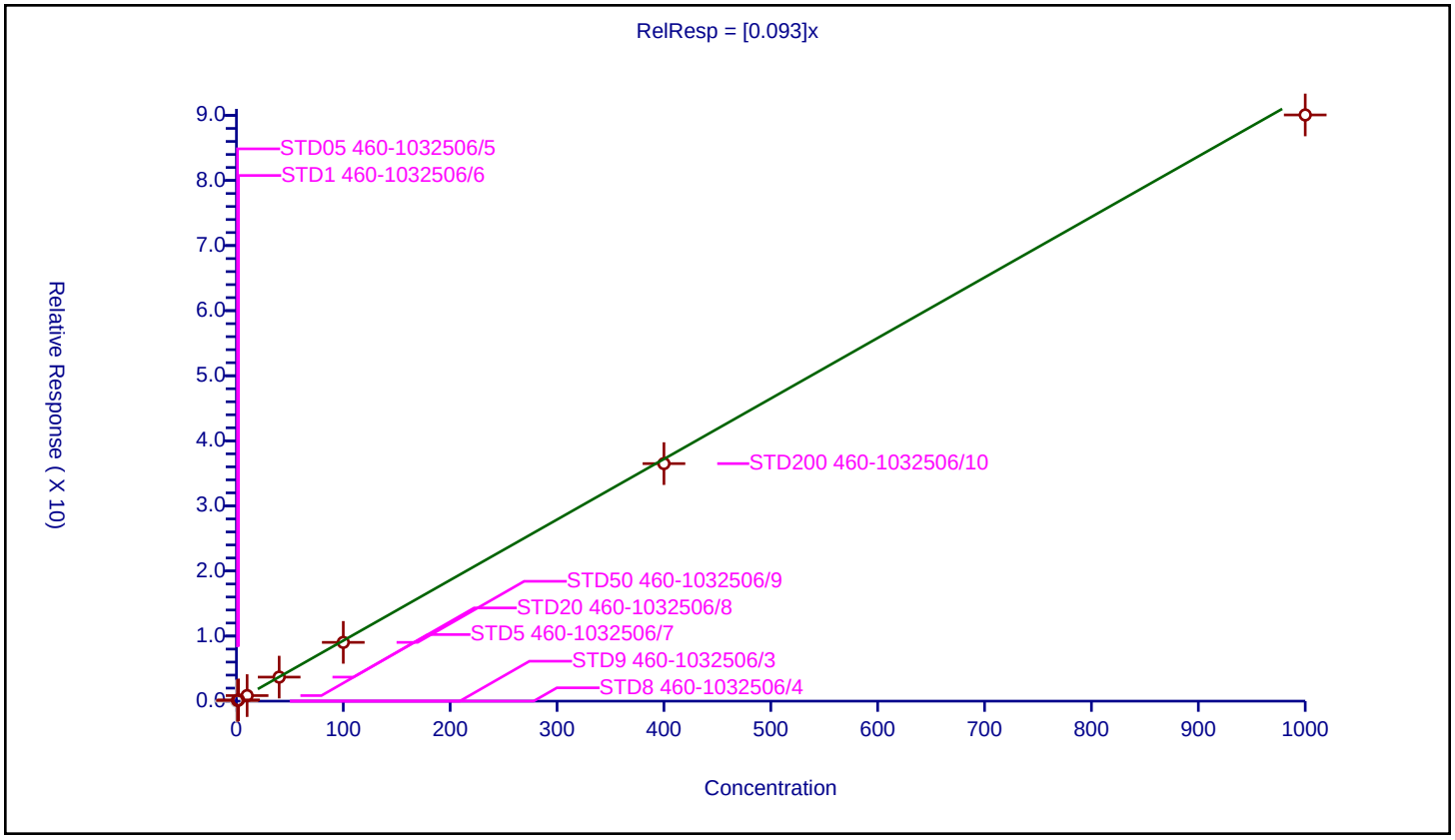
Curve Coefficients

Intercept:	0
Slope:	0.093

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	1.0	0.107901	50.0	479143.0	0.107901	Y
4	STD1 460-1032506/6	2.0	0.187333	50.0	474021.0	0.093667	Y
5	STD5 460-1032506/7	10.0	0.854895	50.0	476725.0	0.08549	Y
6	STD20 460-1032506/8	40.0	3.694543	50.0	470586.0	0.092364	Y
7	STD50 460-1032506/9	100.0	9.02789	50.0	477631.0	0.090279	Y
8	STD200 460-1032506/10	400.0	36.496714	50.0	486115.0	0.091242	Y
9	STD500 460-1032506/11	1000.0	90.070355	50.0	539546.0	0.09007	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

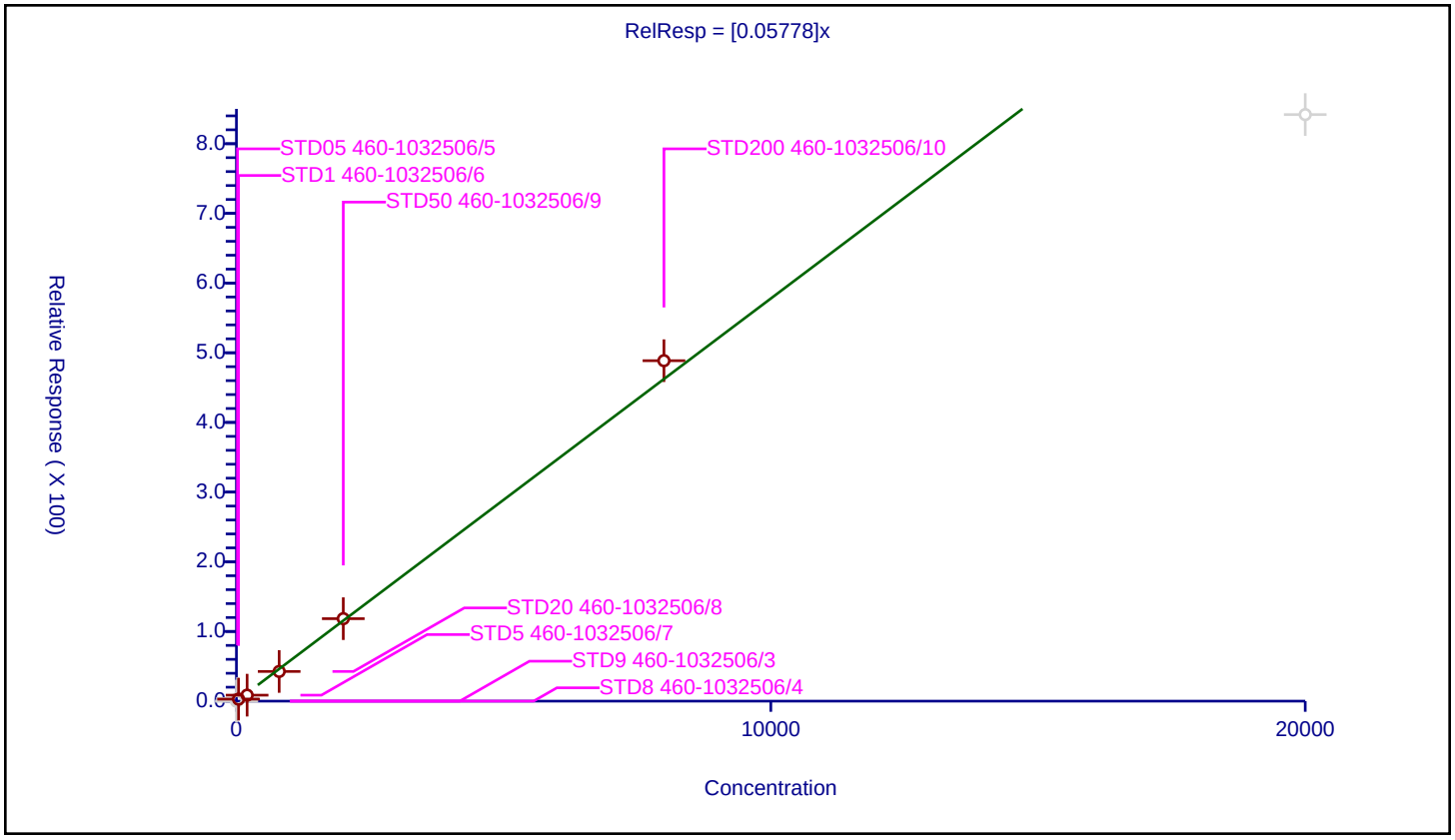
Curve Coefficients

Intercept:	0
Slope:	0.05778

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	8.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	20.0	3.748474	1000.0	187543.0	0.187424	N
4	STD1 460-1032506/6	40.0	2.898851	1000.0	202494.0	0.072471	Y
5	STD5 460-1032506/7	200.0	8.586073	1000.0	192754.0	0.04293	Y
6	STD20 460-1032506/8	800.0	42.601622	1000.0	166942.0	0.053252	Y
7	STD50 460-1032506/9	2000.0	118.370018	1000.0	145155.0	0.059185	Y
8	STD200 460-1032506/10	8000.0	488.612967	1000.0	142794.0	0.061077	Y
9	STD500 460-1032506/11	20000.0	841.819433	1000.0	204943.0	0.042091	N



5/8/2025
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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

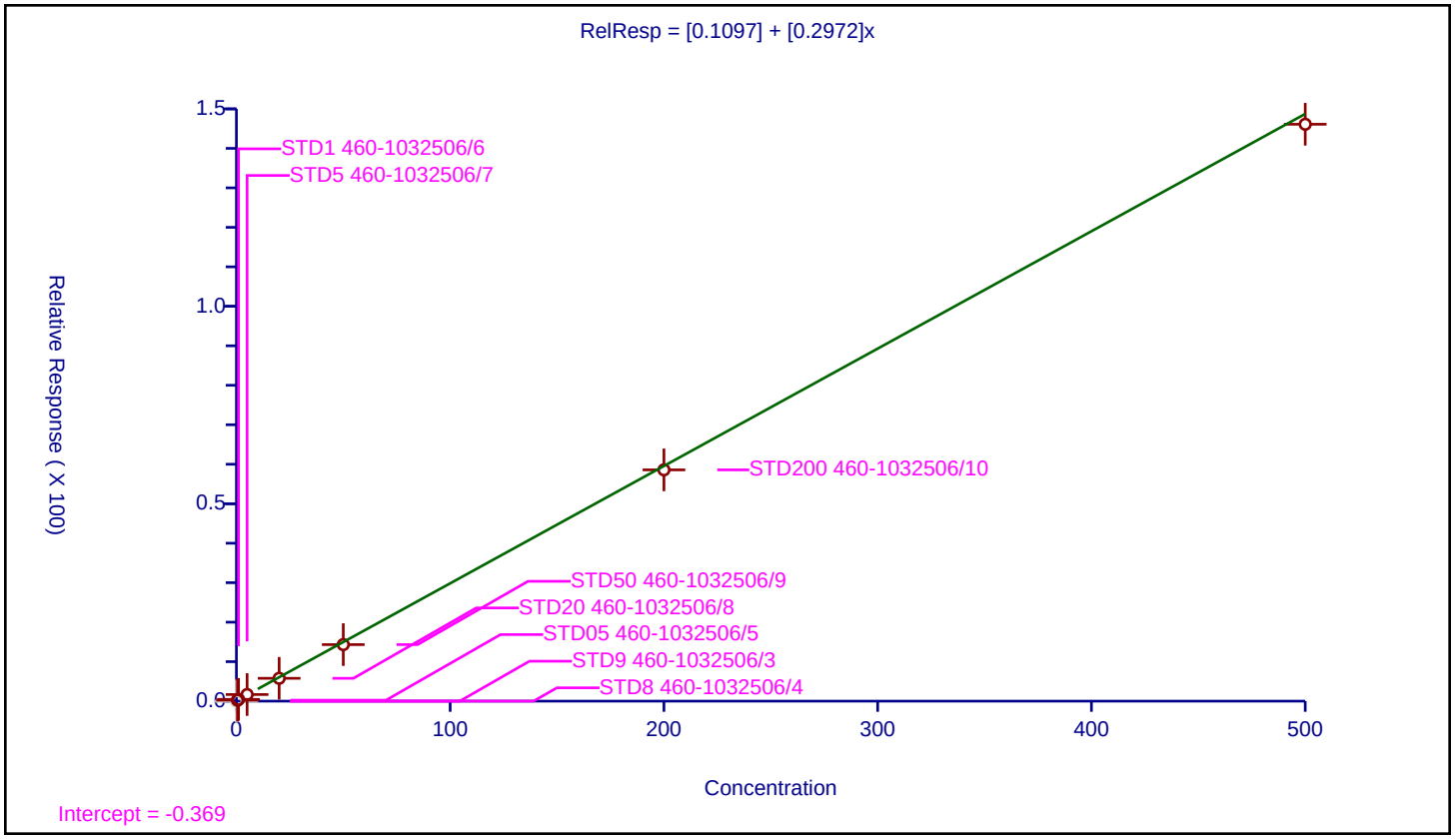
Curve Coefficients

Intercept:	0.1097
Slope:	0.2972

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.246795	50.0	479143.0	0.49359	Y
4	STD1 460-1032506/6	1.0	0.450613	50.0	474021.0	0.450613	Y
5	STD5 460-1032506/7	5.0	1.675914	50.0	476725.0	0.335183	Y
6	STD20 460-1032506/8	20.0	5.783852	50.0	470586.0	0.289193	Y
7	STD50 460-1032506/9	50.0	14.319946	50.0	477631.0	0.286399	Y
8	STD200 460-1032506/10	200.0	58.577086	50.0	486115.0	0.292885	Y
9	STD500 460-1032506/11	500.0	146.105707	50.0	539546.0	0.292211	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

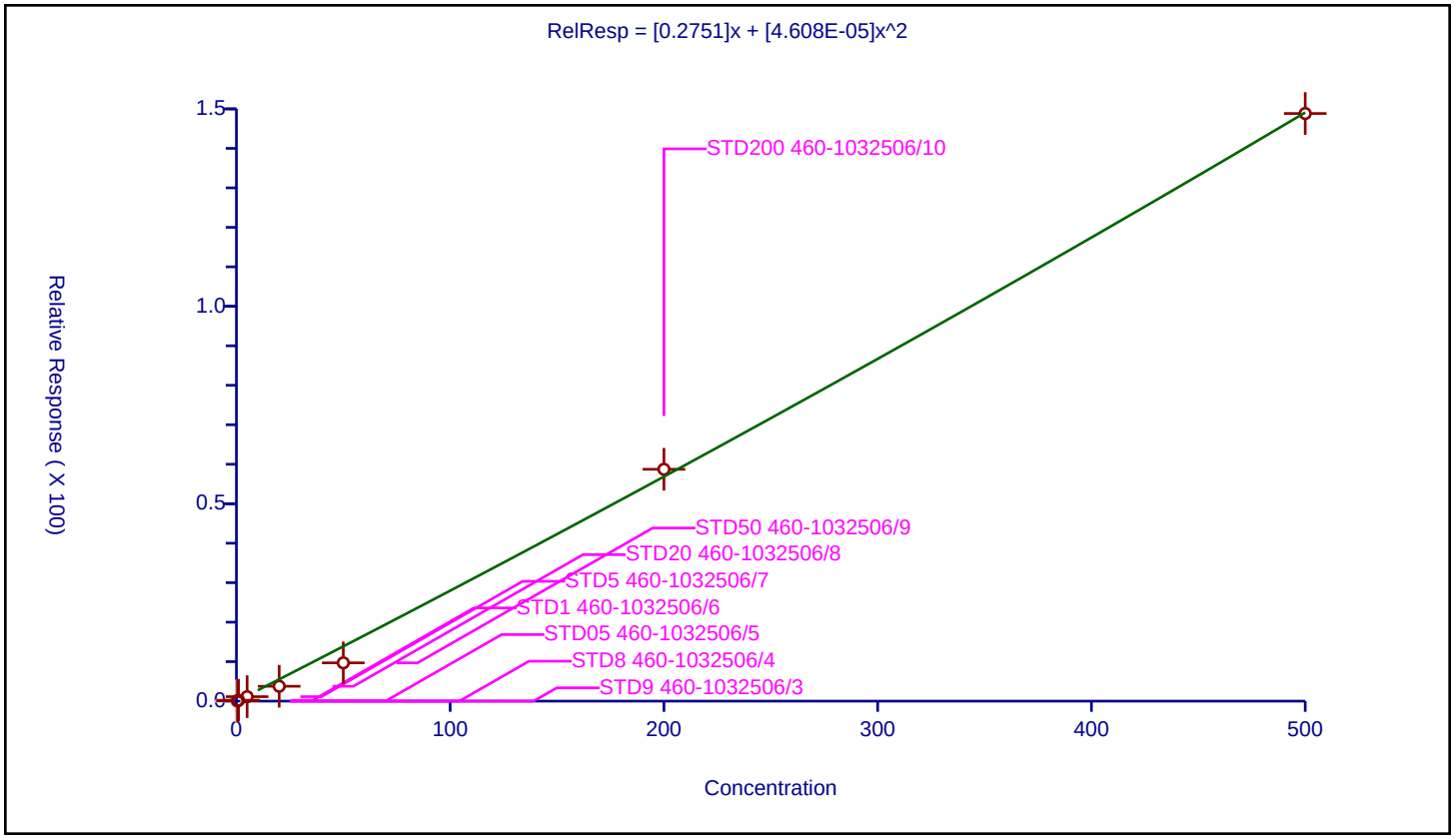
Curve Coefficients

Intercept:	0
Slope:	0.2751
Second Order:	4.608E-05

Error Coefficients

Relative Standard Deviation:	28.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.0	0.0	50.0	495430.0	NaN	N
2	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
3	STD05 460-1032506/5	0.5	0.082961	50.0	479143.0	0.165921	Y
4	STD1 460-1032506/6	1.0	0.222564	50.0	474021.0	0.222564	Y
5	STD5 460-1032506/7	5.0	1.131155	50.0	476725.0	0.226231	Y
6	STD20 460-1032506/8	20.0	3.767218	50.0	470586.0	0.188361	Y
7	STD50 460-1032506/9	50.0	9.700166	50.0	477631.0	0.194003	Y
8	STD200 460-1032506/10	200.0	58.724582	50.0	486115.0	0.293623	Y
9	STD500 460-1032506/11	500.0	148.83124	50.0	539546.0	0.297662	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

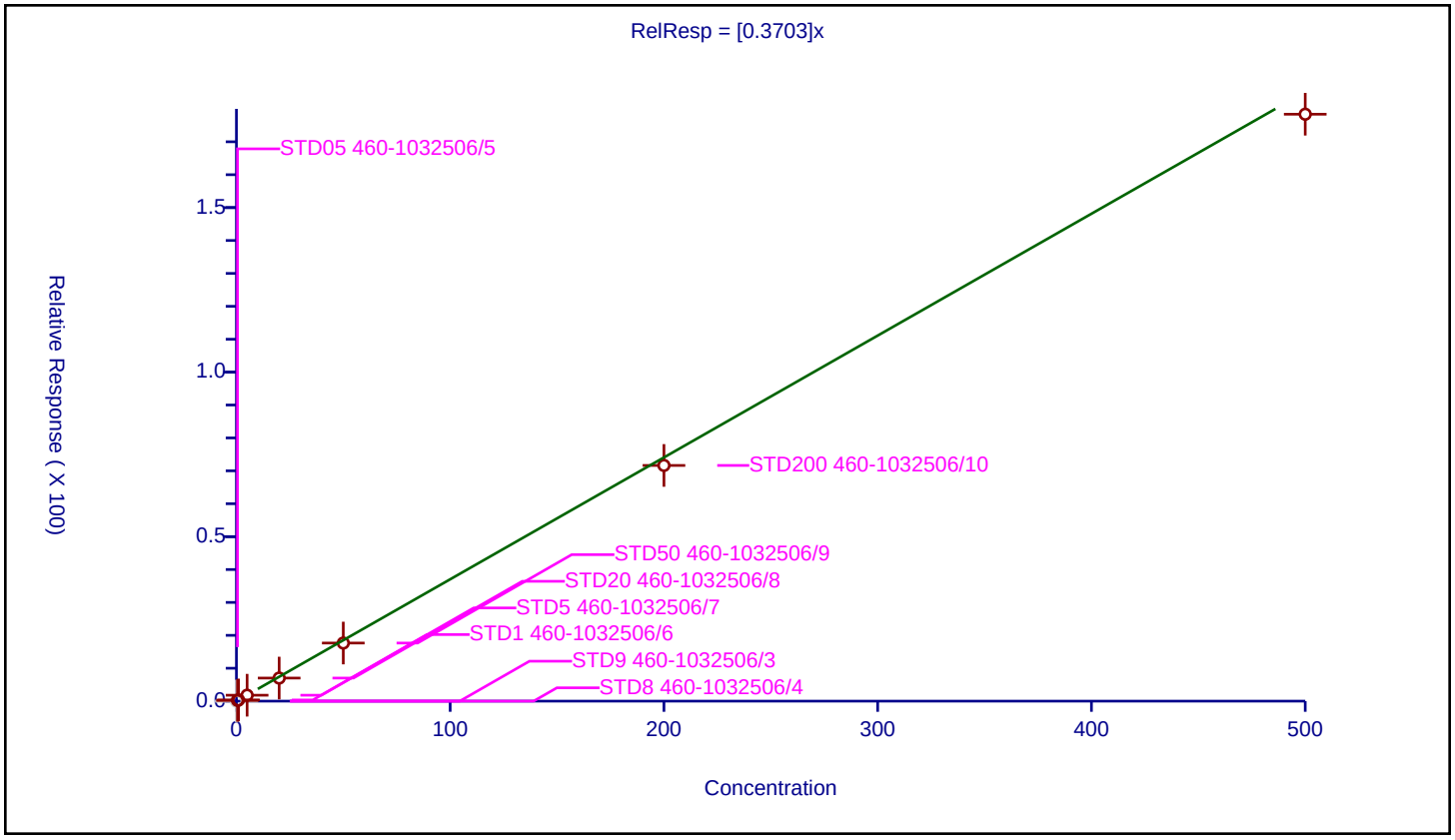
Curve Coefficients

Intercept:	0
Slope:	0.3703

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.230829	50.0	479143.0	0.461658	Y
4	STD1 460-1032506/6	1.0	0.352411	50.0	474021.0	0.352411	Y
5	STD5 460-1032506/7	5.0	1.797053	50.0	476725.0	0.359411	Y
6	STD20 460-1032506/8	20.0	7.014658	50.0	470586.0	0.350733	Y
7	STD50 460-1032506/9	50.0	17.659448	50.0	477631.0	0.353189	Y
8	STD200 460-1032506/10	200.0	71.634593	50.0	486115.0	0.358173	Y
9	STD500 460-1032506/11	500.0	178.381825	50.0	539546.0	0.356764	Y



5/8/2025
8:59:30 AM

Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

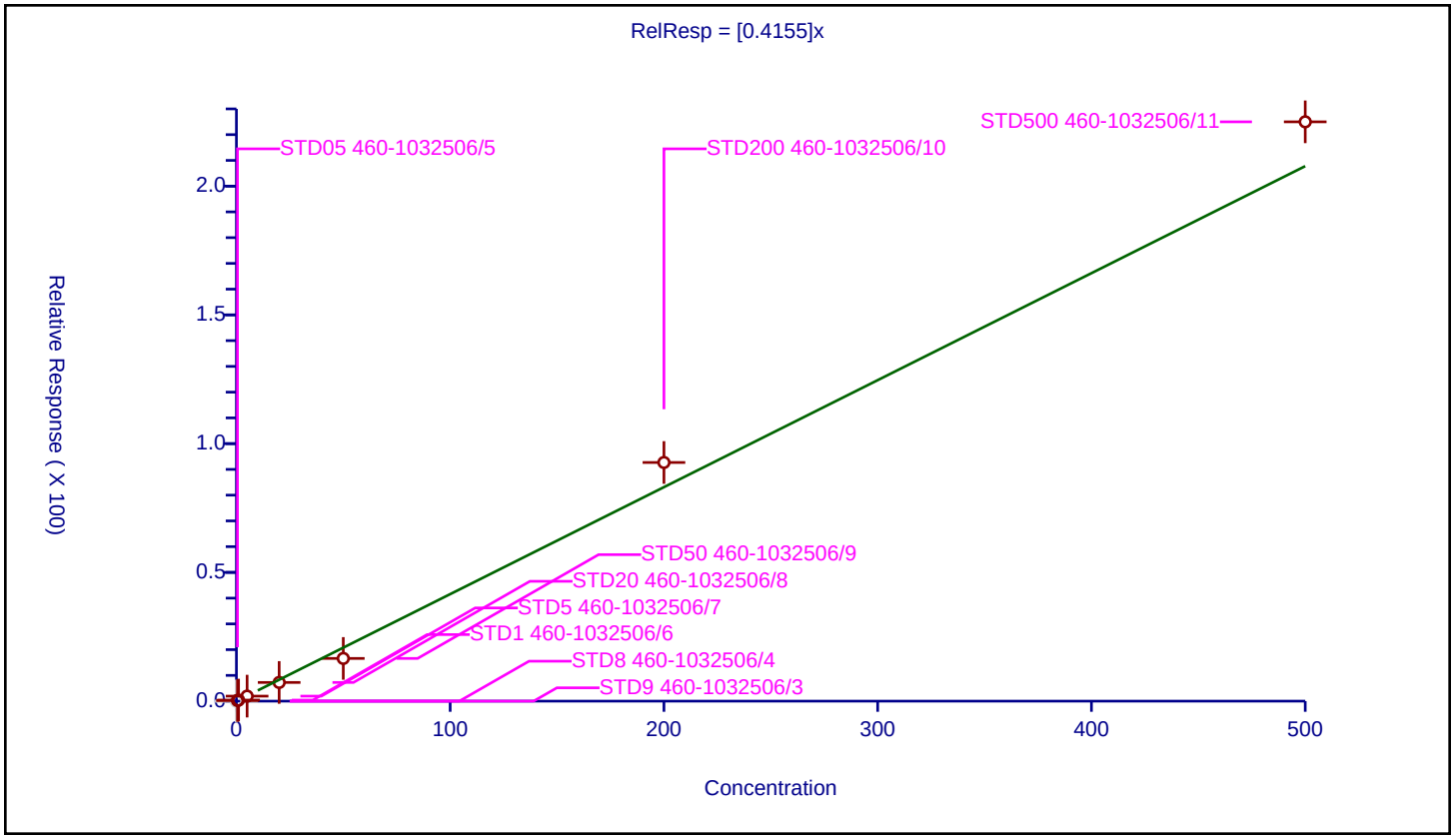
Curve Coefficients

Intercept:	0
Slope:	0.4155

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.0	0.0	50.0	495430.0	NaN	N
2	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
3	STD05 460-1032506/5	0.5	0.248569	50.0	479143.0	0.497138	Y
4	STD1 460-1032506/6	1.0	0.412851	50.0	474021.0	0.412851	Y
5	STD5 460-1032506/7	5.0	1.953223	50.0	476725.0	0.390645	Y
6	STD20 460-1032506/8	20.0	7.256378	50.0	470586.0	0.362819	Y
7	STD50 460-1032506/9	50.0	16.588957	50.0	477631.0	0.331779	Y
8	STD200 460-1032506/10	200.0	92.686299	50.0	486115.0	0.463431	Y
9	STD500 460-1032506/11	500.0	224.970067	50.0	539546.0	0.44994	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

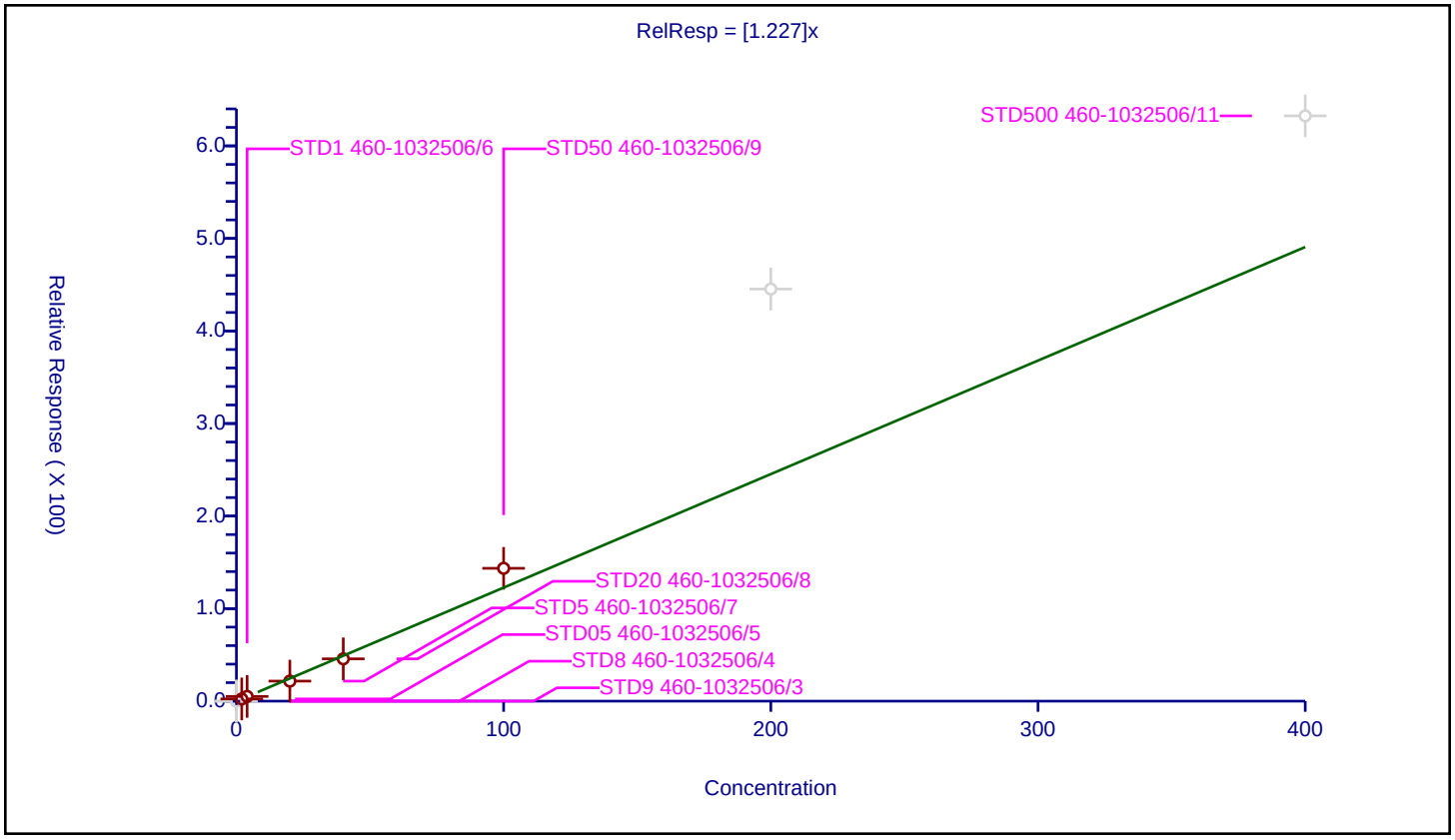
Curve Coefficients

Intercept:	0
Slope:	1.227

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	0.0	0.0	1000.0	202027.0	NaN	N
2	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
3	STD05 460-1032506/5	2.0	2.388786	1000.0	187543.0	1.194393	Y
4	STD1 460-1032506/6	4.0	5.111263	1000.0	202494.0	1.277816	Y
5	STD5 460-1032506/7	20.0	21.659732	1000.0	192754.0	1.082987	Y
6	STD20 460-1032506/8	40.0	45.722466	1000.0	166942.0	1.143062	Y
7	STD50 460-1032506/9	100.0	143.549998	1000.0	145155.0	1.4355	Y
8	STD200 460-1032506/10	200.0	445.319831	1000.0	142794.0	2.226599	N
9	STD500 460-1032506/11	400.0	632.463661	1000.0	204943.0	1.581159	N



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

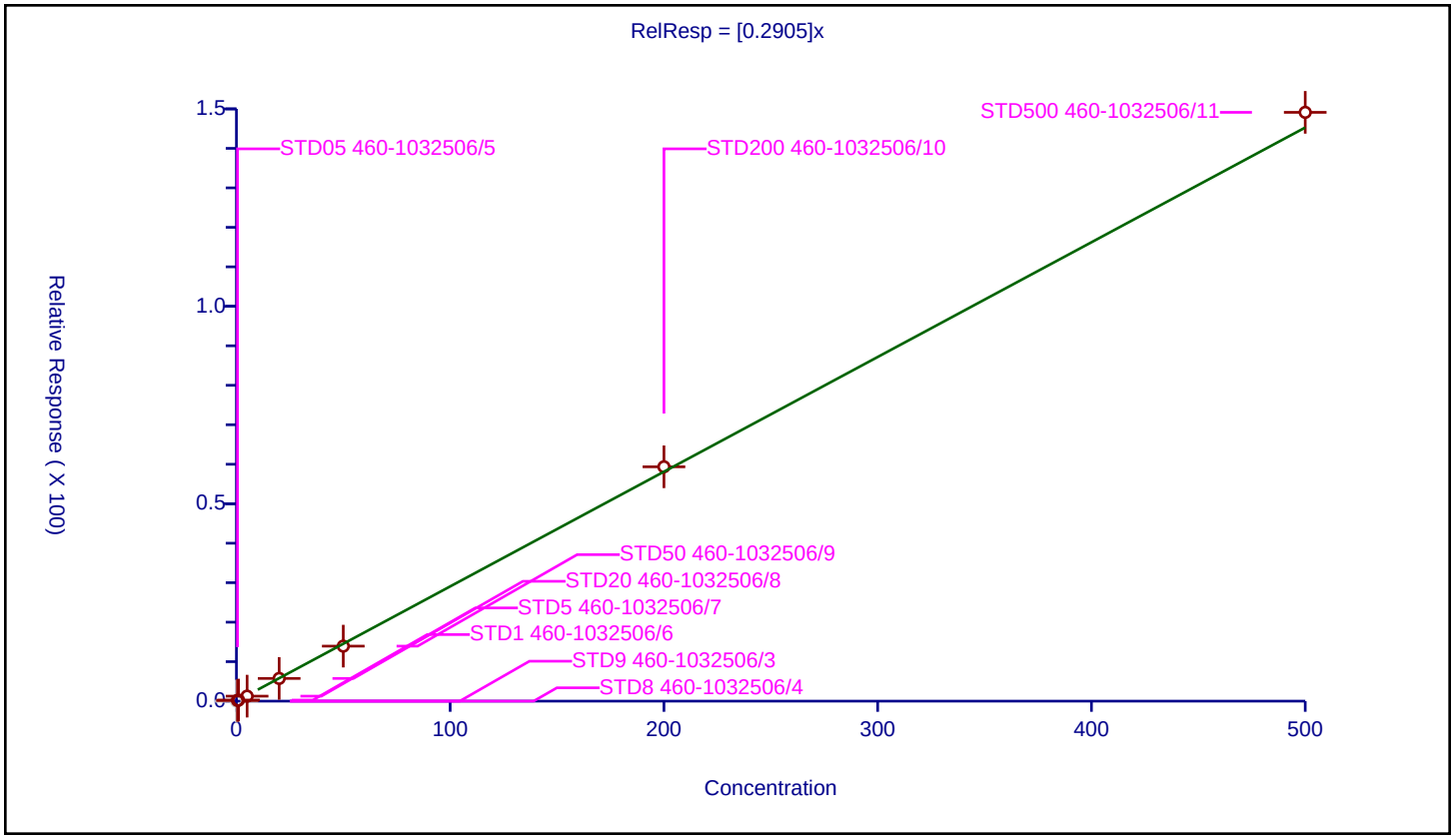
Curve Coefficients

Intercept:	0
Slope:	0.2905

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.177609	50.0	479143.0	0.355218	Y
4	STD1 460-1032506/6	1.0	0.264334	50.0	474021.0	0.264334	Y
5	STD5 460-1032506/7	5.0	1.265509	50.0	476725.0	0.253102	Y
6	STD20 460-1032506/8	20.0	5.750809	50.0	470586.0	0.28754	Y
7	STD50 460-1032506/9	50.0	13.931047	50.0	477631.0	0.278621	Y
8	STD200 460-1032506/10	200.0	59.353034	50.0	486115.0	0.296765	Y
9	STD500 460-1032506/11	500.0	149.121669	50.0	539546.0	0.298243	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

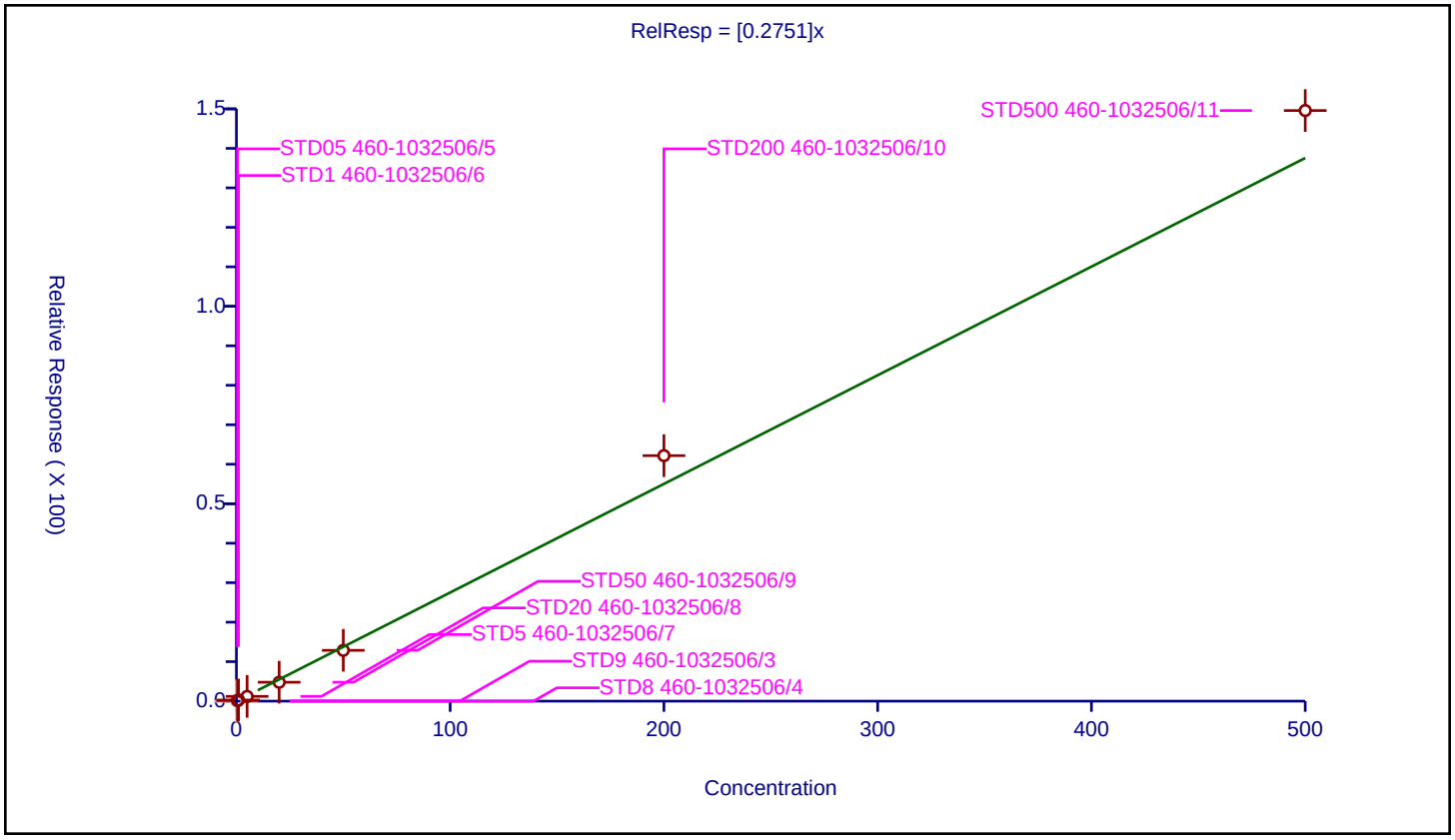
Curve Coefficients

Intercept:	0
Slope:	0.2751

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.150477	50.0	479143.0	0.300954	Y
4	STD1 460-1032506/6	1.0	0.277414	50.0	474021.0	0.277414	Y
5	STD5 460-1032506/7	5.0	1.203734	50.0	476725.0	0.240747	Y
6	STD20 460-1032506/8	20.0	4.787116	50.0	470586.0	0.239356	Y
7	STD50 460-1032506/9	50.0	12.866208	50.0	477631.0	0.257324	Y
8	STD200 460-1032506/10	200.0	62.175514	50.0	486115.0	0.310878	Y
9	STD500 460-1032506/11	500.0	149.580666	50.0	539546.0	0.299161	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

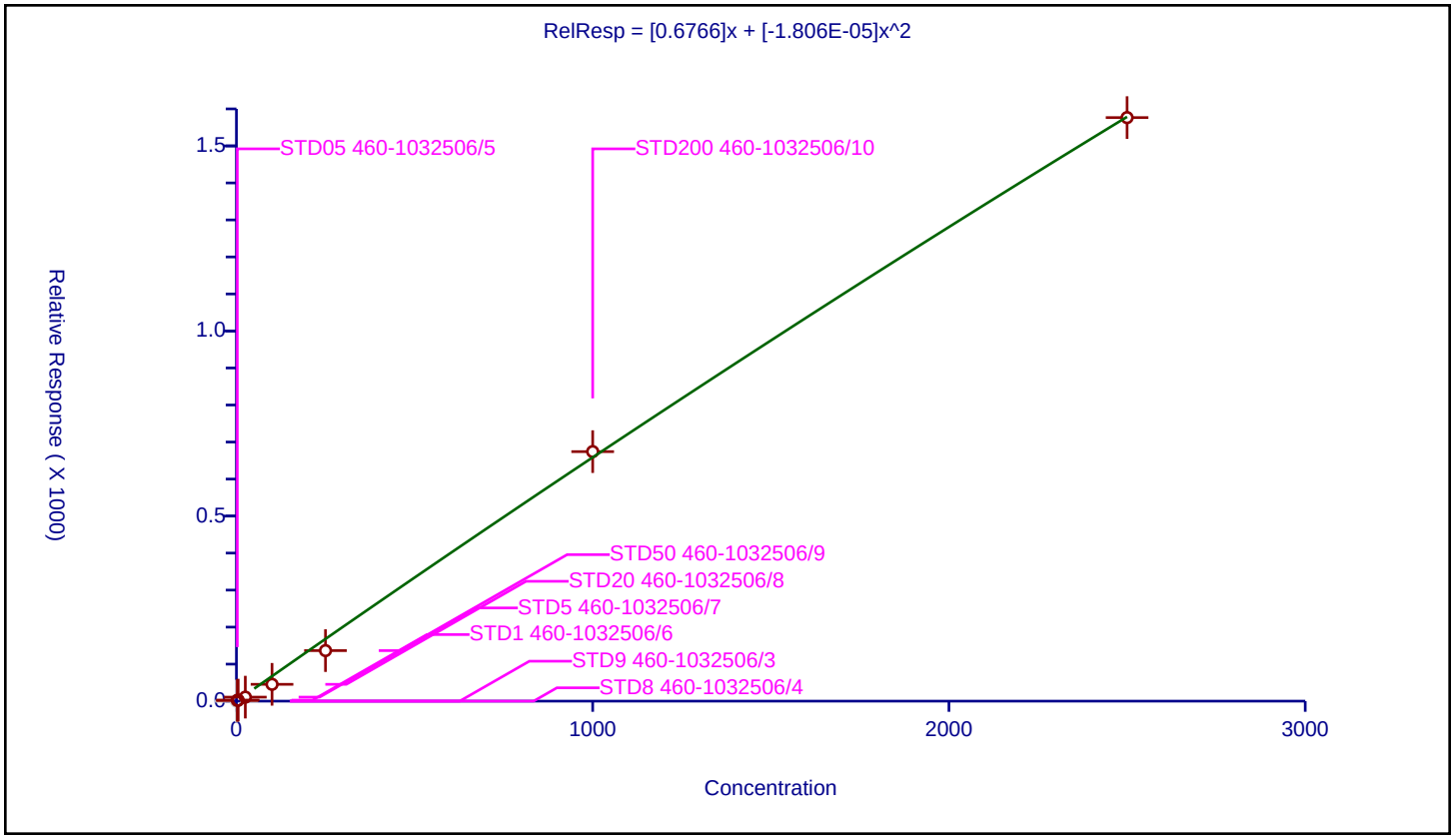
Curve Coefficients

Intercept:	0
Slope:	0.6766
Second Order:	-1.806E-05

Error Coefficients

Relative Standard Deviation:	26.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	1.0	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	2.5	2.022765	250.0	283152.0	0.809106	Y
4	STD1 460-1032506/6	5.0	2.705213	250.0	292306.0	0.541043	Y
5	STD5 460-1032506/7	25.0	10.793379	250.0	285198.0	0.431735	Y
6	STD20 460-1032506/8	100.0	45.44436	250.0	278918.0	0.454444	Y
7	STD50 460-1032506/9	250.0	136.527465	250.0	271070.0	0.54611	Y
8	STD200 460-1032506/10	1000.0	674.103712	250.0	270672.0	0.674104	Y
9	STD500 460-1032506/11	2500.0	1576.437175	250.0	279298.0	0.630575	Y



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Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

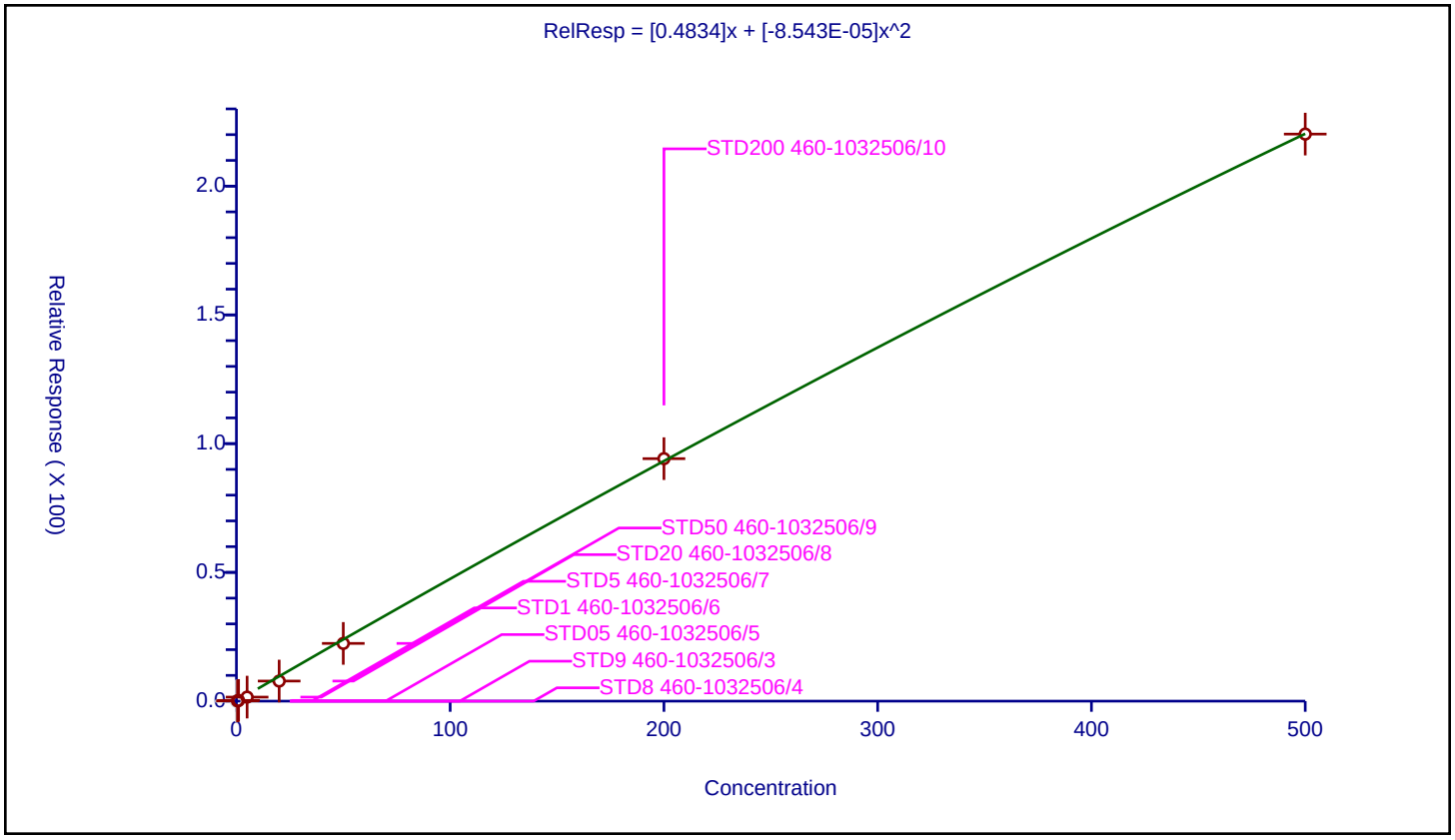
Curve Coefficients

Intercept:	0
Slope:	0.4834
Second Order:	-8.543E-05

Error Coefficients

Relative Standard Deviation:	36.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.108736	50.0	479143.0	0.217472	Y
4	STD1 460-1032506/6	1.0	0.265495	50.0	474021.0	0.265495	Y
5	STD5 460-1032506/7	5.0	1.569563	50.0	476725.0	0.313913	Y
6	STD20 460-1032506/8	20.0	7.799318	50.0	470586.0	0.389966	Y
7	STD50 460-1032506/9	50.0	22.417619	50.0	477631.0	0.448352	Y
8	STD200 460-1032506/10	200.0	94.170412	50.0	486115.0	0.470852	Y
9	STD500 460-1032506/11	500.0	220.215885	50.0	539546.0	0.440432	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

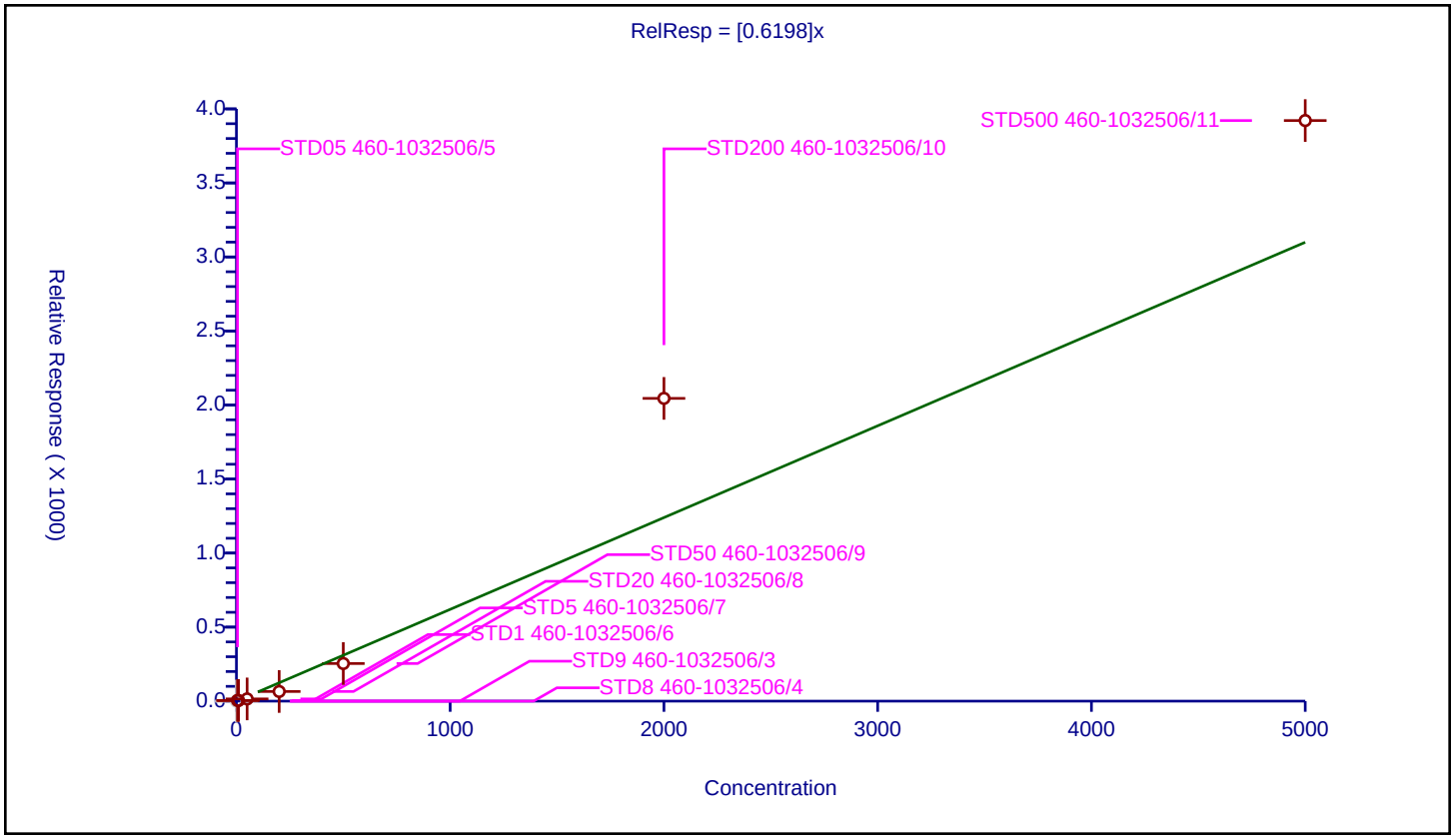
Curve Coefficients

Intercept:	0
Slope:	0.6198

Error Coefficients

Relative Standard Deviation:	48.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	2.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	5.0	4.793567	1000.0	187543.0	0.958713	Y
4	STD1 460-1032506/6	10.0	4.375438	1000.0	202494.0	0.437544	Y
5	STD5 460-1032506/7	50.0	15.081399	1000.0	192754.0	0.301628	Y
6	STD20 460-1032506/8	200.0	65.214266	1000.0	166942.0	0.326071	Y
7	STD50 460-1032506/9	500.0	254.121456	1000.0	145155.0	0.508243	Y
8	STD200 460-1032506/10	2000.0	2044.84082	1000.0	142794.0	1.02242	Y
9	STD500 460-1032506/11	5000.0	3921.265913	1000.0	204943.0	0.784253	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

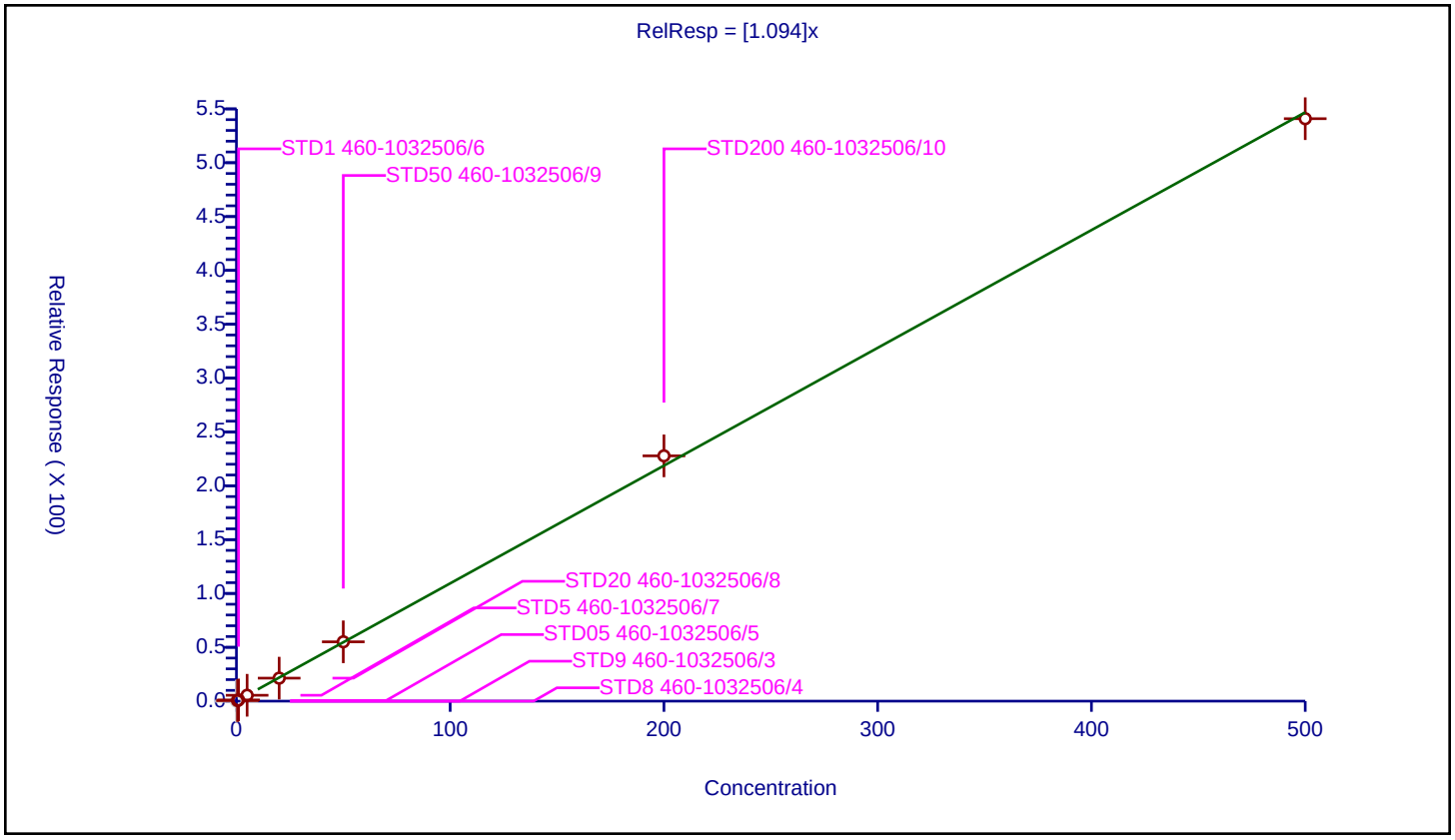
Curve Coefficients

Intercept:	0
Slope:	1.094

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.531783	50.0	479143.0	1.063566	Y
4	STD1 460-1032506/6	1.0	1.111238	50.0	474021.0	1.111238	Y
5	STD5 460-1032506/7	5.0	5.450941	50.0	476725.0	1.090188	Y
6	STD20 460-1032506/8	20.0	21.354439	50.0	470586.0	1.067722	Y
7	STD50 460-1032506/9	50.0	55.091273	50.0	477631.0	1.101825	Y
8	STD200 460-1032506/10	200.0	227.795892	50.0	486115.0	1.138979	Y
9	STD500 460-1032506/11	500.0	540.900776	50.0	539546.0	1.081802	Y



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Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

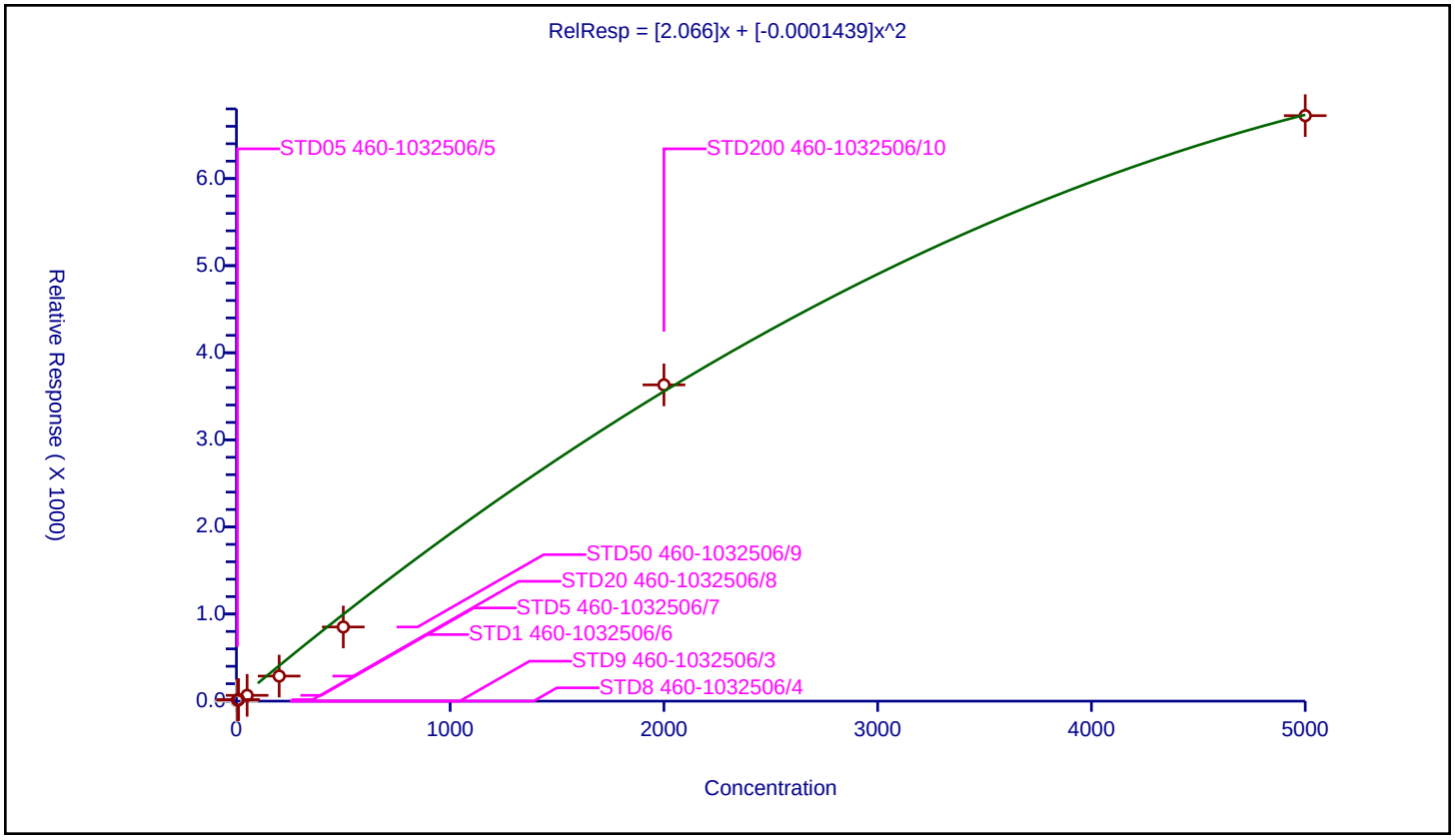
Curve Coefficients

Intercept:	0
Slope:	2.066
Second Order:	-0.0001439

Error Coefficients

Relative Standard Deviation:	25.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	2.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	5.0	12.946364	1000.0	187543.0	2.589273	Y
4	STD1 460-1032506/6	10.0	17.506692	1000.0	202494.0	1.750669	Y
5	STD5 460-1032506/7	50.0	66.52002	1000.0	192754.0	1.3304	Y
6	STD20 460-1032506/8	200.0	288.052138	1000.0	166942.0	1.440261	Y
7	STD50 460-1032506/9	500.0	851.655127	1000.0	145155.0	1.70331	Y
8	STD200 460-1032506/10	2000.0	3631.35706	1000.0	142794.0	1.815679	Y
9	STD500 460-1032506/11	5000.0	6722.381345	1000.0	204943.0	1.344476	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

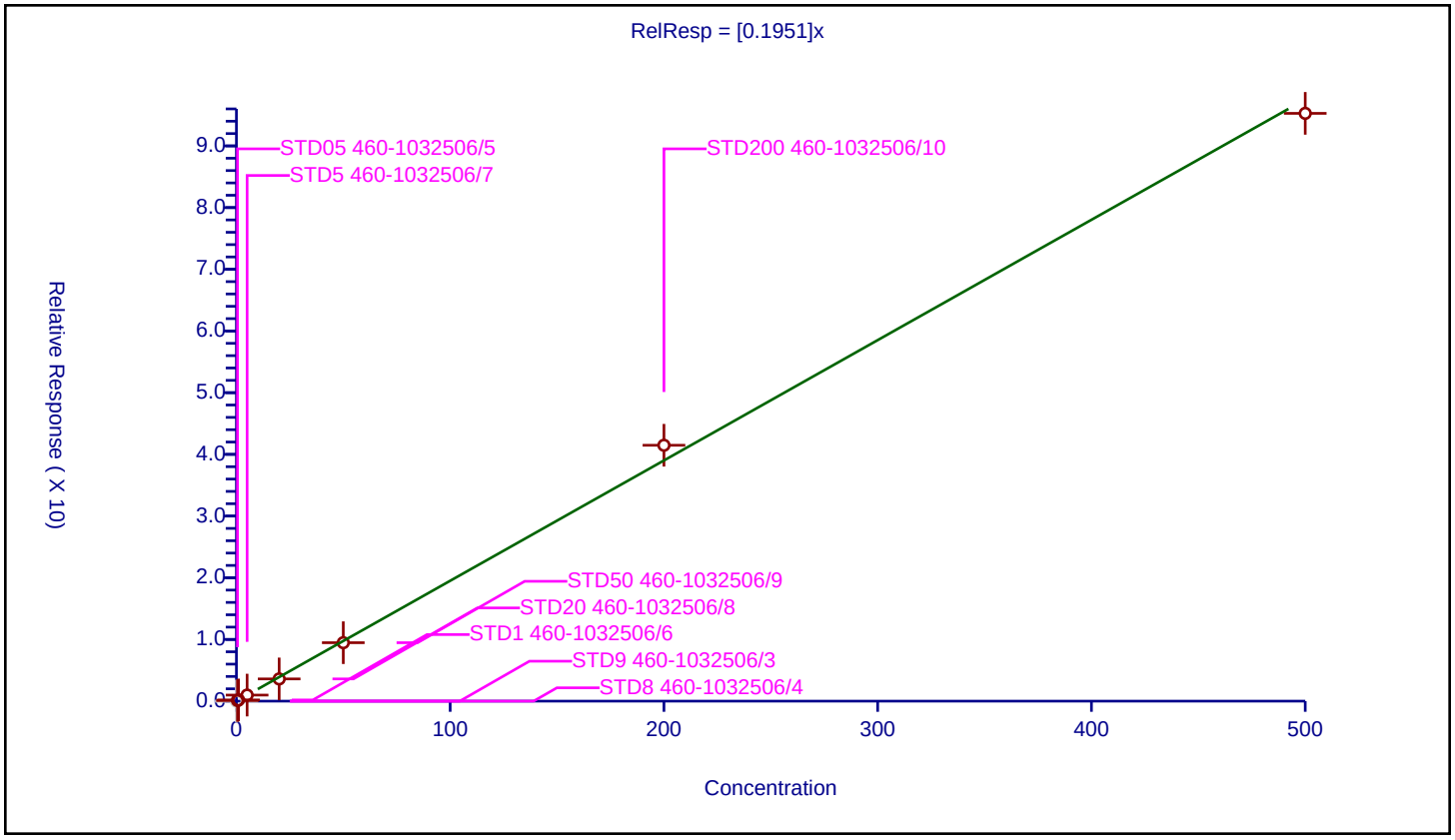
Curve Coefficients

Intercept:	0
Slope:	0.1951

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.105188	50.0	479143.0	0.210376	Y
4	STD1 460-1032506/6	1.0	0.19092	50.0	474021.0	0.19092	Y
5	STD5 460-1032506/7	5.0	0.983166	50.0	476725.0	0.196633	Y
6	STD20 460-1032506/8	20.0	3.601042	50.0	470586.0	0.180052	Y
7	STD50 460-1032506/9	50.0	9.475306	50.0	477631.0	0.189506	Y
8	STD200 460-1032506/10	200.0	41.477325	50.0	486115.0	0.207387	Y
9	STD500 460-1032506/11	500.0	95.272878	50.0	539546.0	0.190546	Y



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Calibration / Methyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

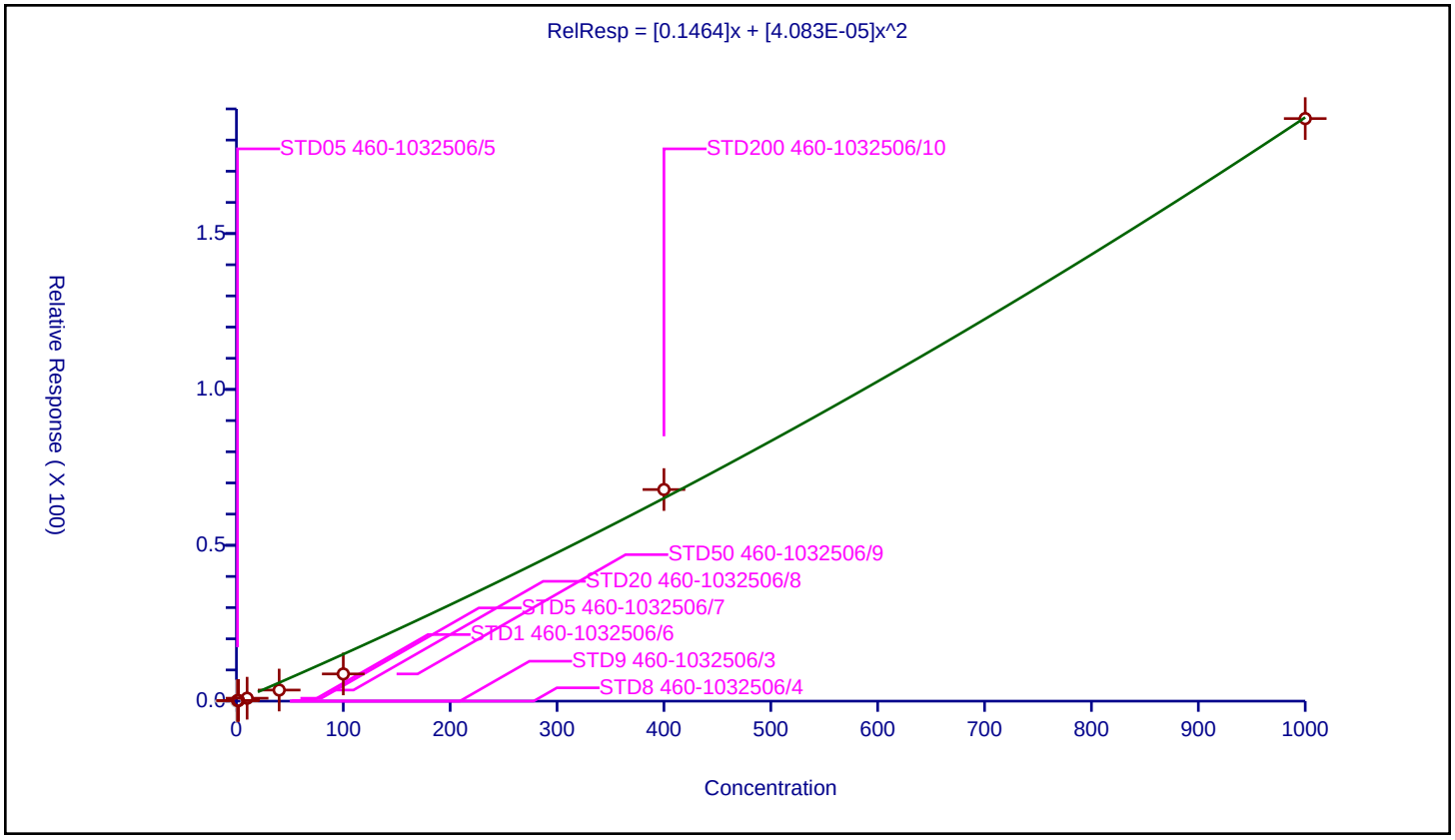
Curve Coefficients

Intercept:	0
Slope:	0.1464
Second Order:	4.083E-05

Error Coefficients

Relative Standard Deviation:	36.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	1.0	0.194931	50.0	479143.0	0.194931	Y
4	STD1 460-1032506/6	2.0	0.196932	50.0	474021.0	0.098466	Y
5	STD5 460-1032506/7	10.0	0.93985	50.0	476725.0	0.093985	Y
6	STD20 460-1032506/8	40.0	3.555142	50.0	470586.0	0.088879	Y
7	STD50 460-1032506/9	100.0	8.727972	50.0	477631.0	0.08728	Y
8	STD200 460-1032506/10	400.0	67.879926	50.0	486115.0	0.1697	Y
9	STD500 460-1032506/11	1000.0	186.891664	50.0	539546.0	0.186892	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

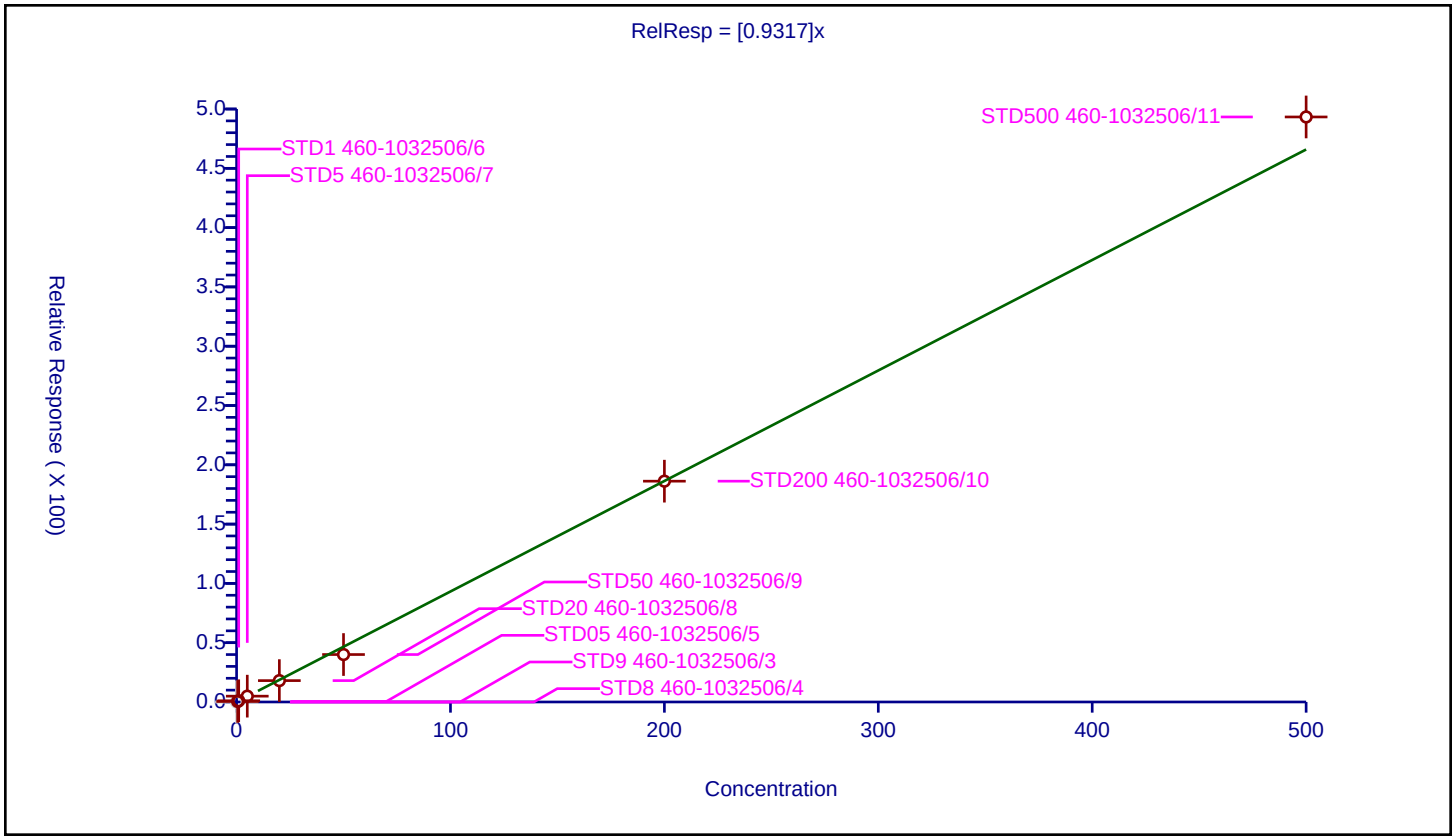
Curve Coefficients

Intercept:	0
Slope:	0.9317

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.446526	50.0	479143.0	0.893053	Y
4	STD1 460-1032506/6	1.0	1.028857	50.0	474021.0	1.028857	Y
5	STD5 460-1032506/7	5.0	4.907232	50.0	476725.0	0.981446	Y
6	STD20 460-1032506/8	20.0	18.023061	50.0	470586.0	0.901153	Y
7	STD50 460-1032506/9	50.0	40.002219	50.0	477631.0	0.800044	Y
8	STD200 460-1032506/10	200.0	186.199973	50.0	486115.0	0.931	Y
9	STD500 460-1032506/11	500.0	493.308263	50.0	539546.0	0.986617	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

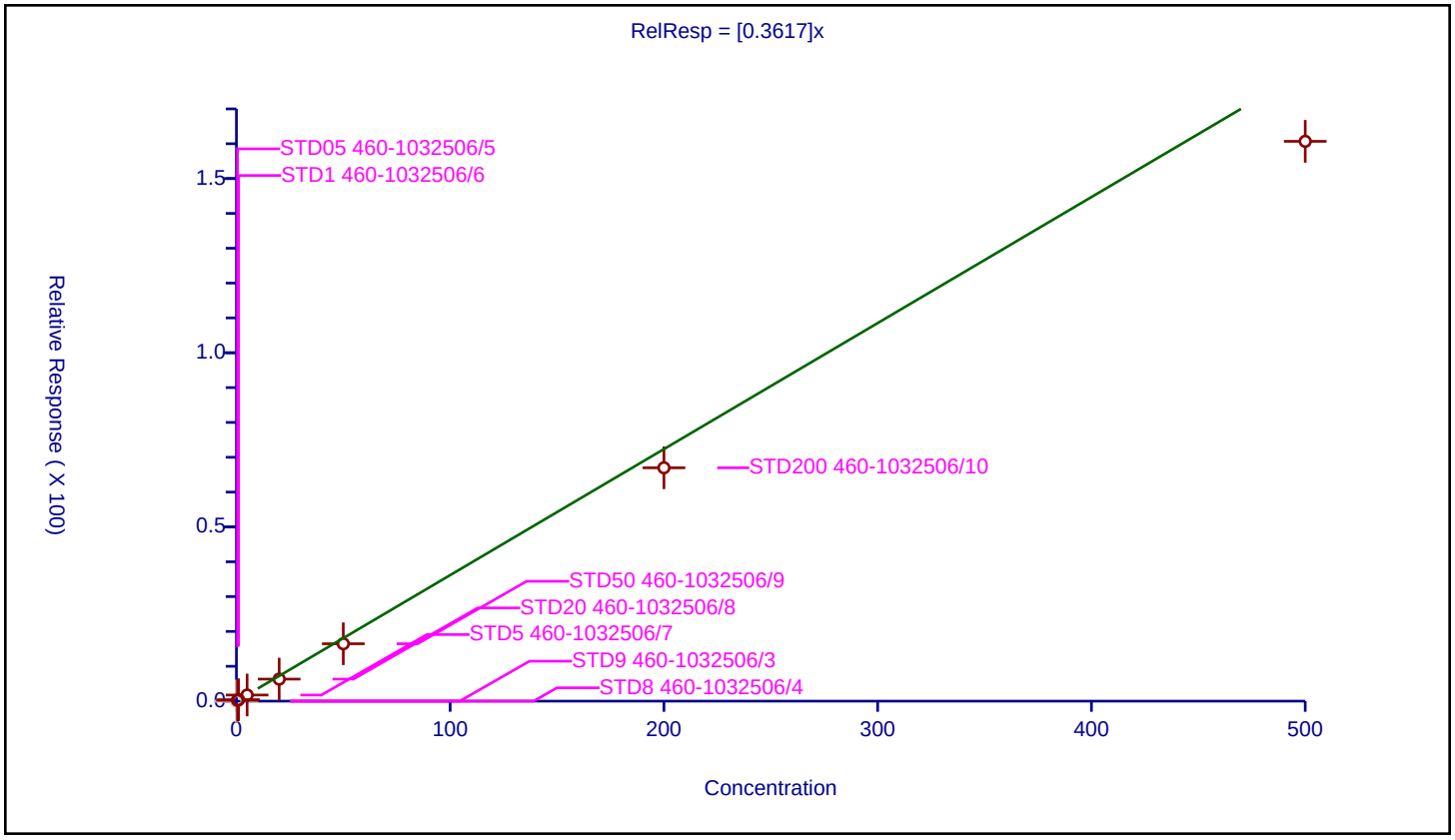
Curve Coefficients

Intercept:	0
Slope:	0.3617

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.234794	50.0	479143.0	0.469588	Y
4	STD1 460-1032506/6	1.0	0.409792	50.0	474021.0	0.409792	Y
5	STD5 460-1032506/7	5.0	1.753841	50.0	476725.0	0.350768	Y
6	STD20 460-1032506/8	20.0	6.324561	50.0	470586.0	0.316228	Y
7	STD50 460-1032506/9	50.0	16.474538	50.0	477631.0	0.329491	Y
8	STD200 460-1032506/10	200.0	66.985487	50.0	486115.0	0.334927	Y
9	STD500 460-1032506/11	500.0	160.690933	50.0	539546.0	0.321382	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

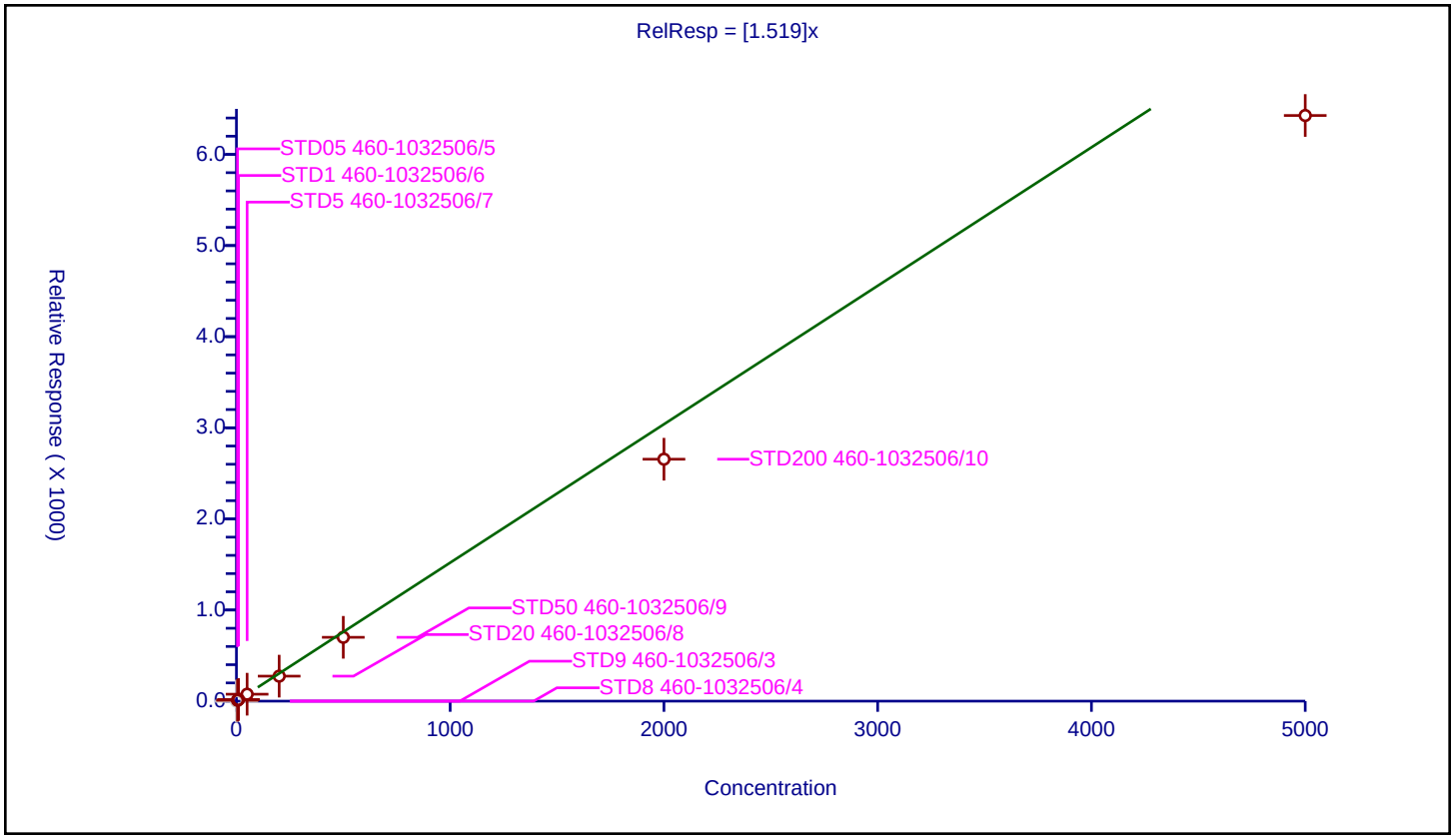
Curve Coefficients

Intercept:	0
Slope:	1.519

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	2.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	5.0	9.811083	1000.0	187543.0	1.962217	Y
4	STD1 460-1032506/6	10.0	17.649906	1000.0	202494.0	1.764991	Y
5	STD5 460-1032506/7	50.0	76.148874	1000.0	192754.0	1.522977	Y
6	STD20 460-1032506/8	200.0	274.41267	1000.0	166942.0	1.372063	Y
7	STD50 460-1032506/9	500.0	700.46502	1000.0	145155.0	1.40093	Y
8	STD200 460-1032506/10	2000.0	2655.251621	1000.0	142794.0	1.327626	Y
9	STD500 460-1032506/11	5000.0	6427.479836	1000.0	204943.0	1.285496	Y



Calibration / Acrylonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

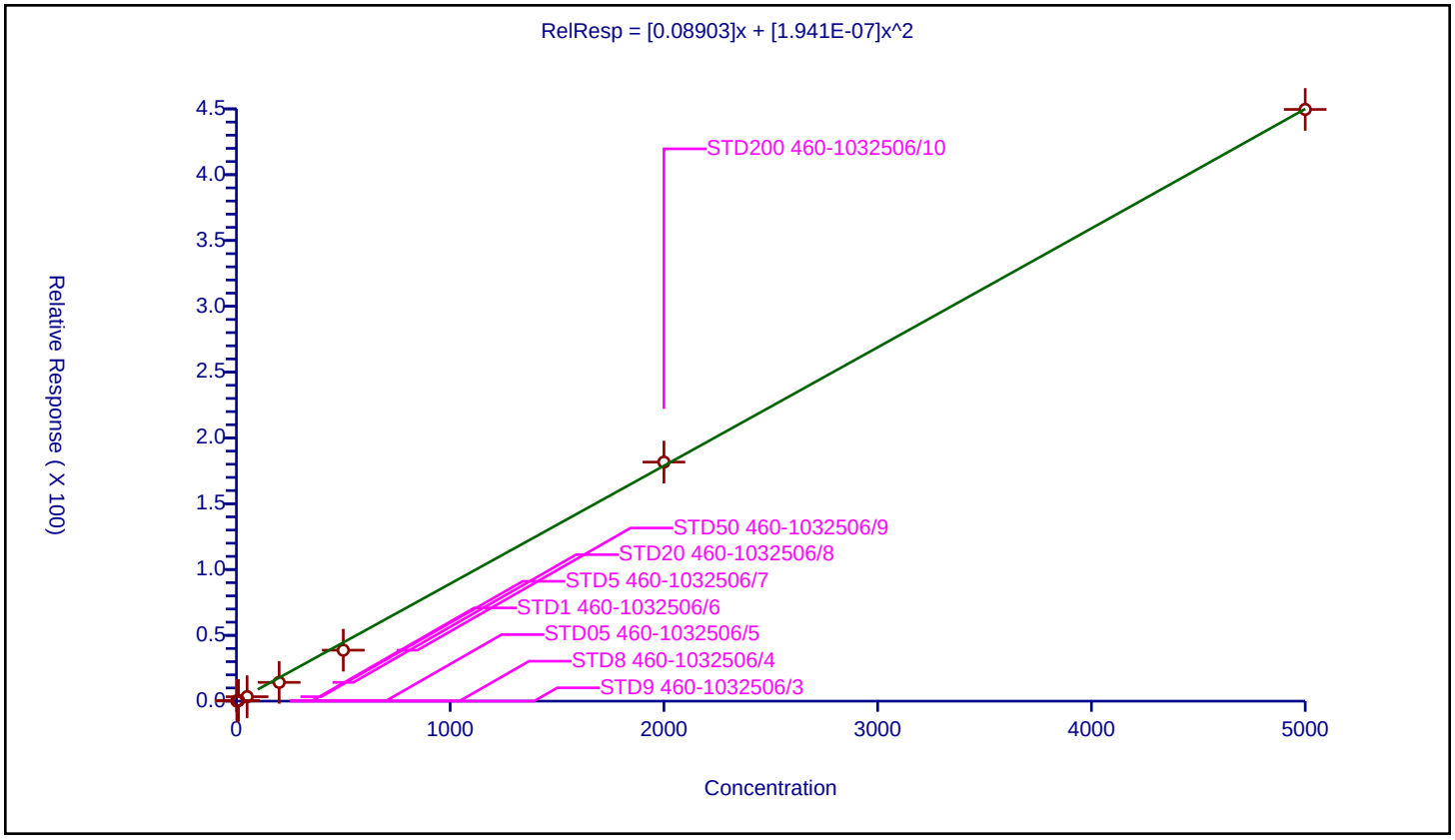
Curve Coefficients

Intercept:	0
Slope:	0.08903
Second Order:	1.941E-07

Error Coefficients

Relative Standard Deviation:	28.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	2.0	0.0	50.0	495430.0	0.0	N
2	STD8 460-1032506/4	2.0	0.171507	50.0	487734.0	0.085754	Y
3	STD05 460-1032506/5	5.0	0.238238	50.0	479143.0	0.047648	Y
4	STD1 460-1032506/6	10.0	0.538267	50.0	474021.0	0.053827	Y
5	STD5 460-1032506/7	50.0	3.377629	50.0	476725.0	0.067553	Y
6	STD20 460-1032506/8	200.0	14.258605	50.0	470586.0	0.071293	Y
7	STD50 460-1032506/9	500.0	38.731468	50.0	477631.0	0.077463	Y
8	STD200 460-1032506/10	2000.0	181.633564	50.0	486115.0	0.090817	Y
9	STD500 460-1032506/11	5000.0	449.603278	50.0	539546.0	0.089921	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

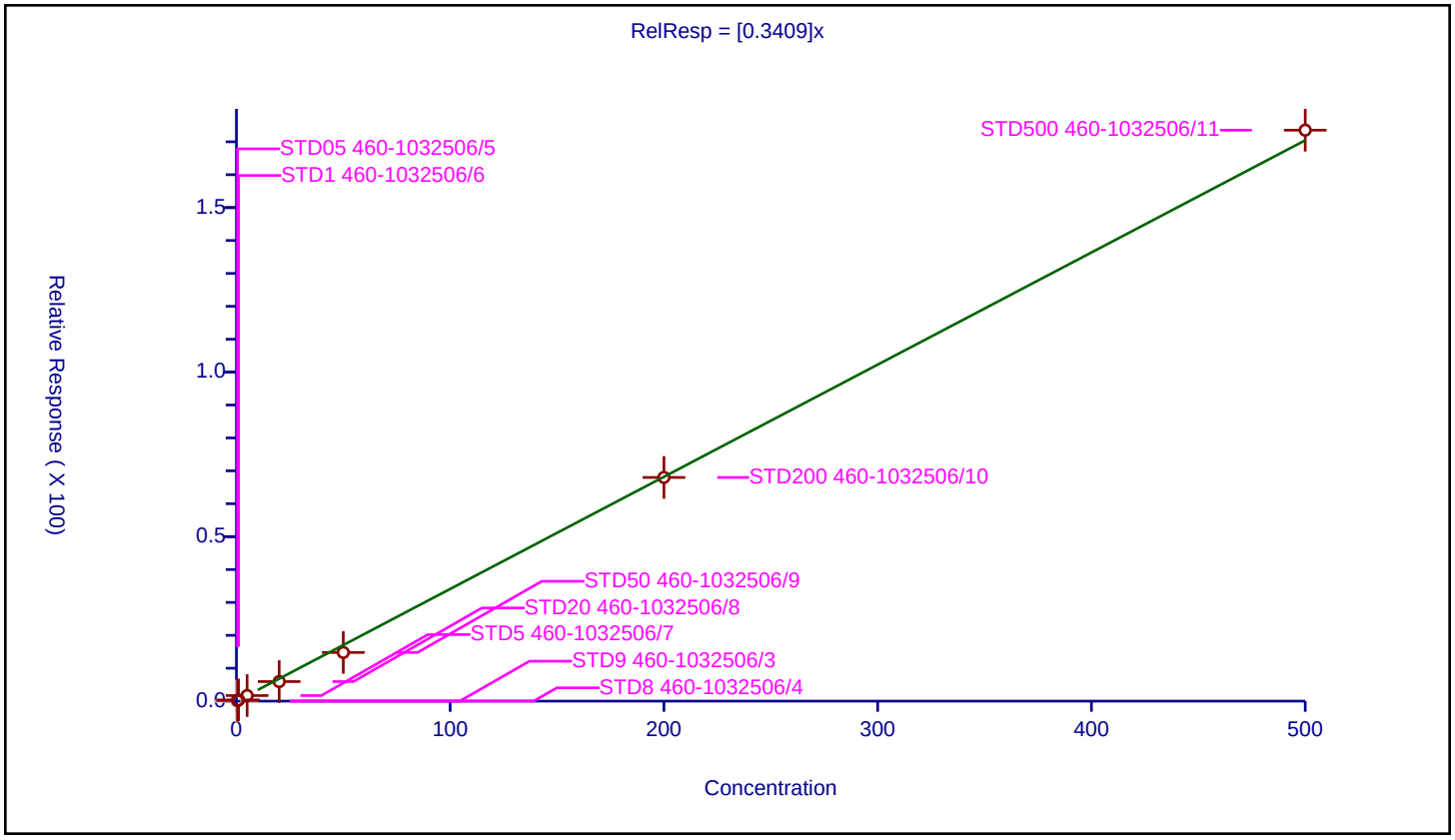
Curve Coefficients

Intercept:	0
Slope:	0.3409

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.202862	50.0	479143.0	0.405724	Y
4	STD1 460-1032506/6	1.0	0.362115	50.0	474021.0	0.362115	Y
5	STD5 460-1032506/7	5.0	1.692485	50.0	476725.0	0.338497	Y
6	STD20 460-1032506/8	20.0	5.942378	50.0	470586.0	0.297119	Y
7	STD50 460-1032506/9	50.0	14.7928	50.0	477631.0	0.295856	Y
8	STD200 460-1032506/10	200.0	67.987925	50.0	486115.0	0.33994	Y
9	STD500 460-1032506/11	500.0	173.535065	50.0	539546.0	0.34707	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

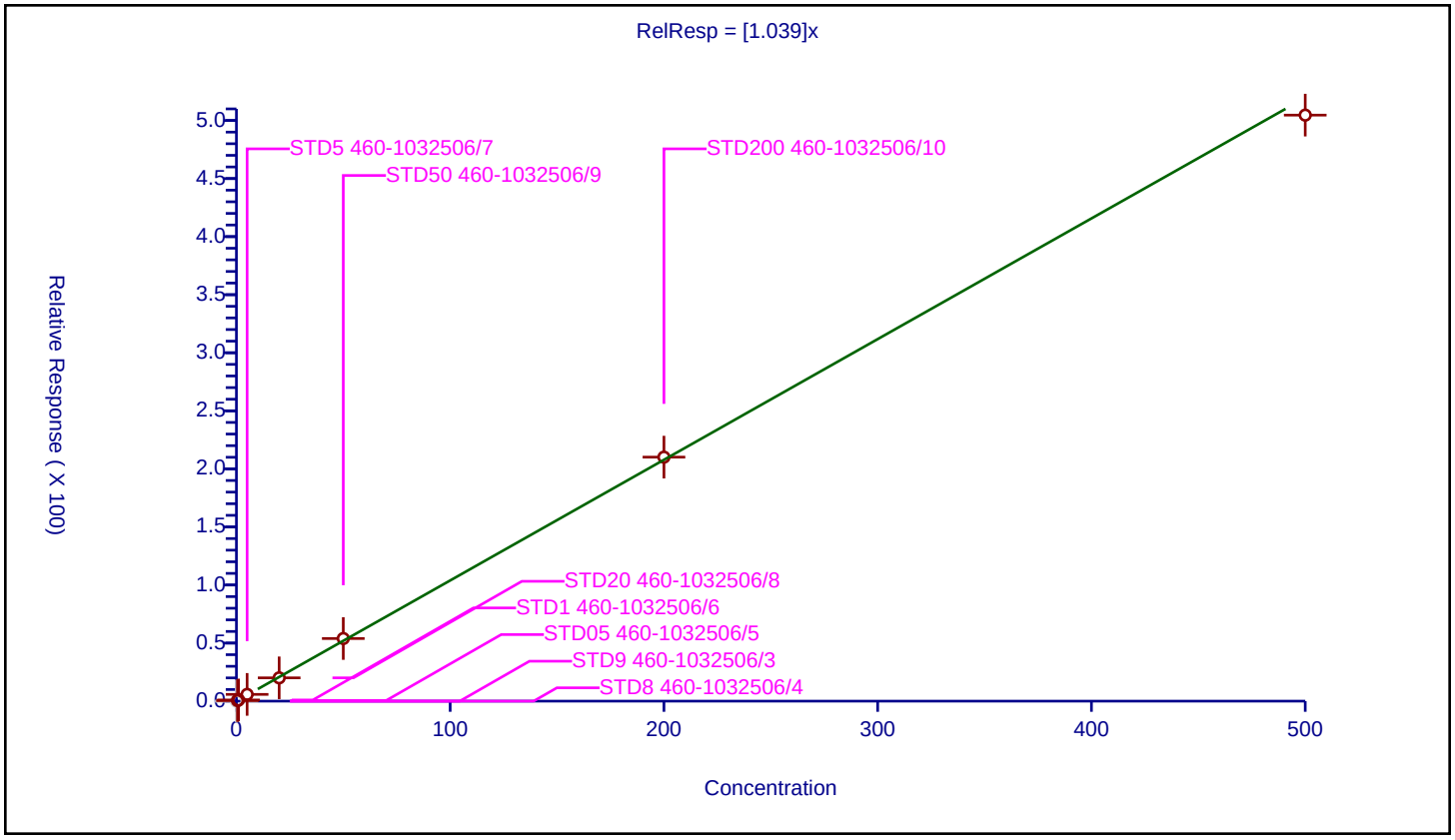
Curve Coefficients

Intercept:	0
Slope:	1.039

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.484198	50.0	479143.0	0.968396	Y
4	STD1 460-1032506/6	1.0	1.000905	50.0	474021.0	1.000905	Y
5	STD5 460-1032506/7	5.0	5.817085	50.0	476725.0	1.163417	Y
6	STD20 460-1032506/8	20.0	20.063283	50.0	470586.0	1.003164	Y
7	STD50 460-1032506/9	50.0	53.921437	50.0	477631.0	1.078429	Y
8	STD200 460-1032506/10	200.0	210.114273	50.0	486115.0	1.050571	Y
9	STD500 460-1032506/11	500.0	504.627409	50.0	539546.0	1.009255	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

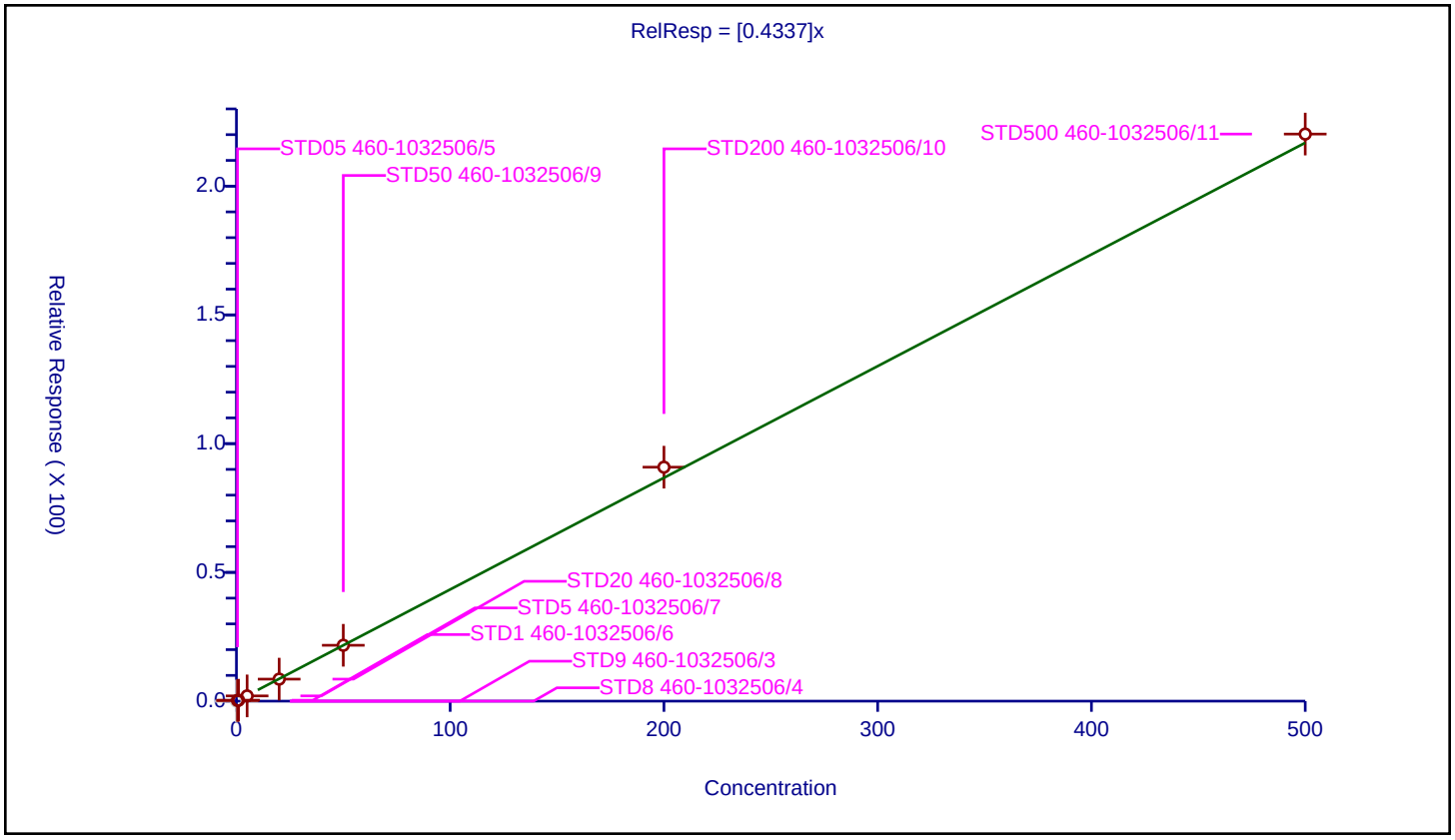
Curve Coefficients

Intercept:	0
Slope:	0.4337

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.259735	50.0	479143.0	0.519469	Y
4	STD1 460-1032506/6	1.0	0.353149	50.0	474021.0	0.353149	Y
5	STD5 460-1032506/7	5.0	2.036394	50.0	476725.0	0.407279	Y
6	STD20 460-1032506/8	20.0	8.543709	50.0	470586.0	0.427185	Y
7	STD50 460-1032506/9	50.0	21.69028	50.0	477631.0	0.433806	Y
8	STD200 460-1032506/10	200.0	90.856485	50.0	486115.0	0.454282	Y
9	STD500 460-1032506/11	500.0	220.224596	50.0	539546.0	0.440449	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

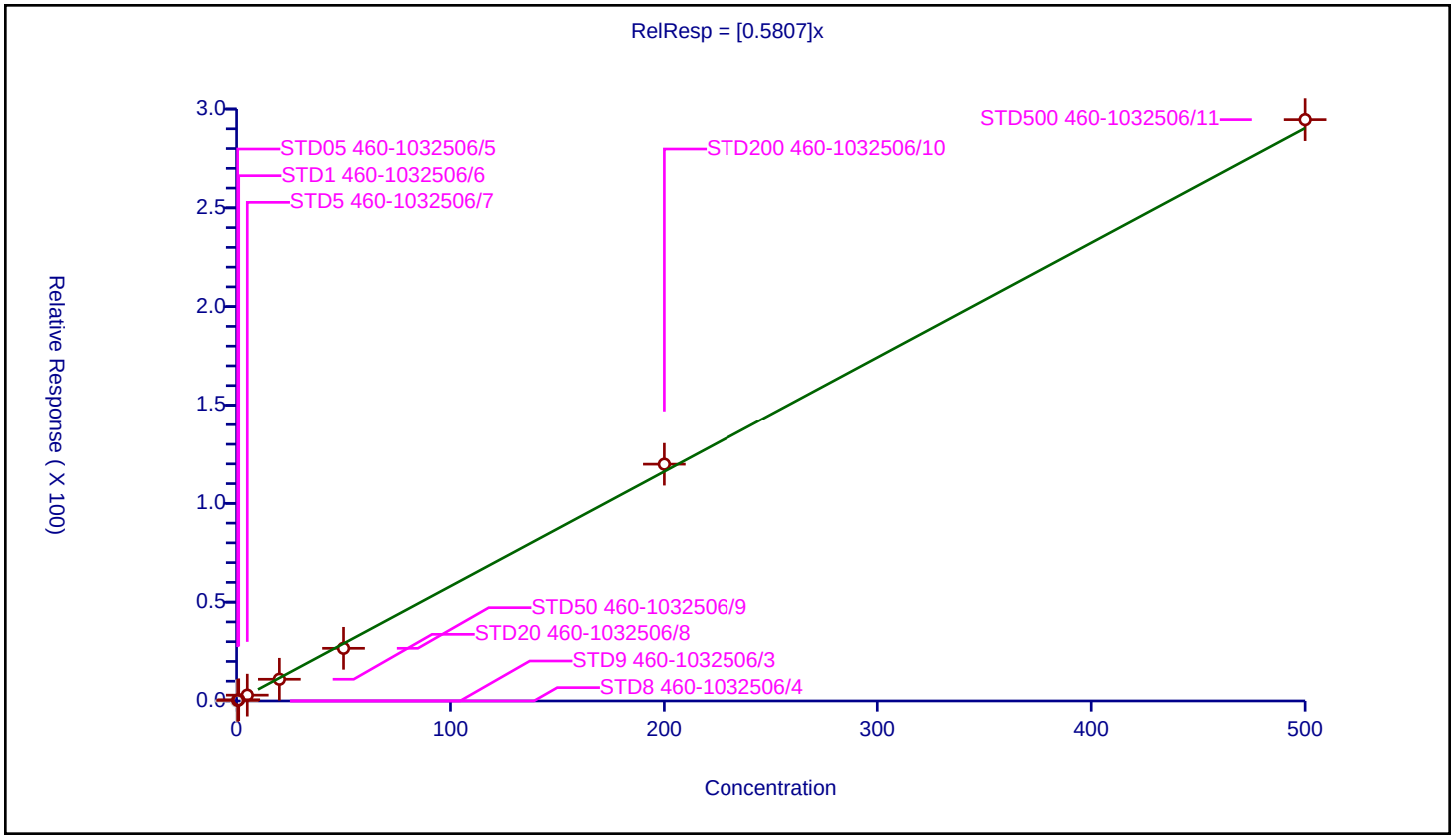
Curve Coefficients

Intercept:	0
Slope:	0.5807

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.298136	50.0	479143.0	0.596273	Y
4	STD1 460-1032506/6	1.0	0.609572	50.0	474021.0	0.609572	Y
5	STD5 460-1032506/7	5.0	2.941318	50.0	476725.0	0.588264	Y
6	STD20 460-1032506/8	20.0	10.989596	50.0	470586.0	0.54948	Y
7	STD50 460-1032506/9	50.0	26.653211	50.0	477631.0	0.533064	Y
8	STD200 460-1032506/10	200.0	119.849213	50.0	486115.0	0.599246	Y
9	STD500 460-1032506/11	500.0	294.62993	50.0	539546.0	0.58926	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

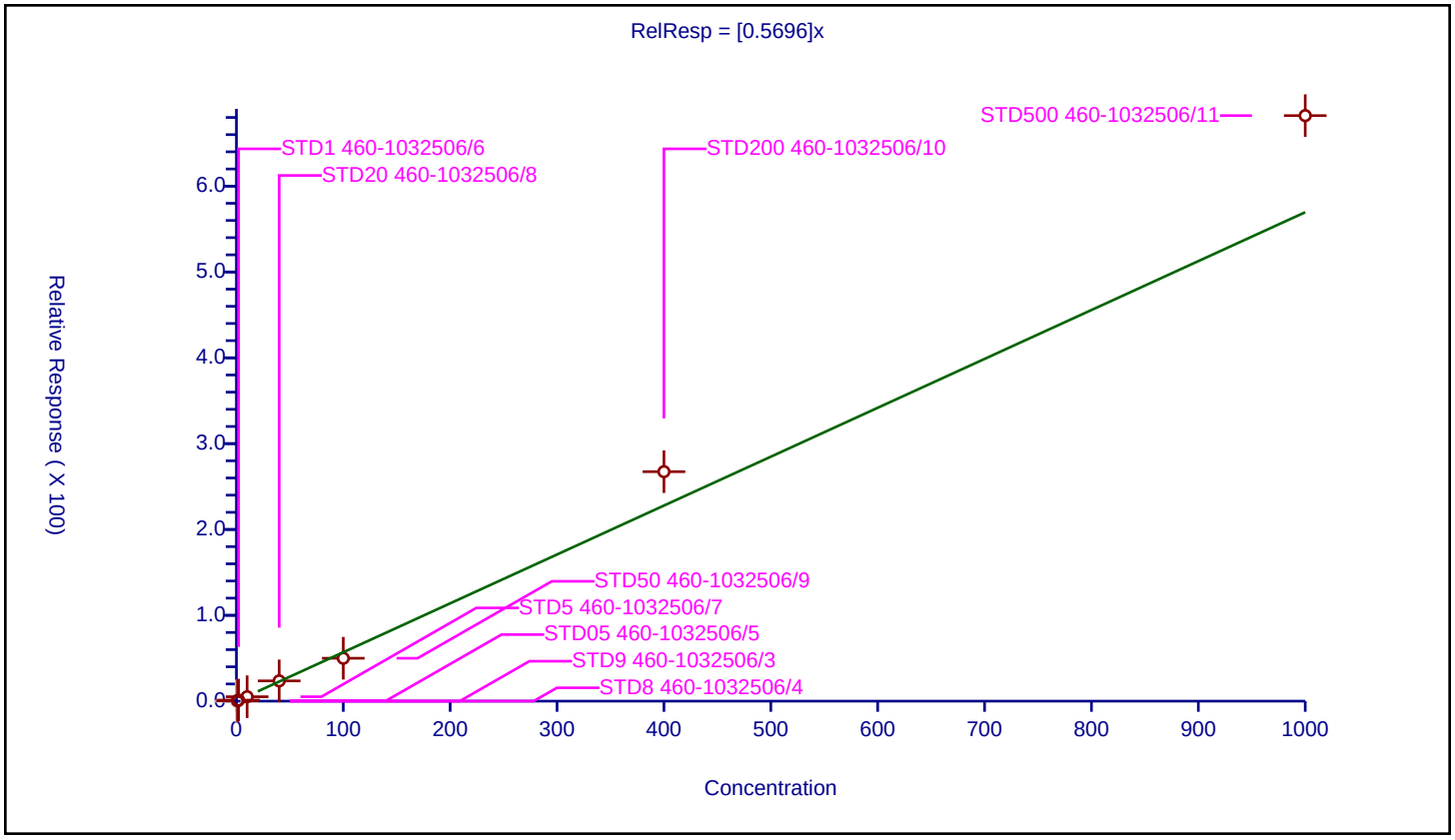
Curve Coefficients

Intercept:	0
Slope:	0.5696

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	1.0	0.444991	250.0	283152.0	0.444991	Y
4	STD1 460-1032506/6	2.0	1.178559	250.0	292306.0	0.58928	Y
5	STD5 460-1032506/7	10.0	5.123633	250.0	285198.0	0.512363	Y
6	STD20 460-1032506/8	40.0	23.609089	250.0	278918.0	0.590227	Y
7	STD50 460-1032506/9	100.0	49.966798	250.0	271070.0	0.499668	Y
8	STD200 460-1032506/10	400.0	267.348488	250.0	270672.0	0.668371	Y
9	STD500 460-1032506/11	1000.0	682.145952	250.0	279298.0	0.682146	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

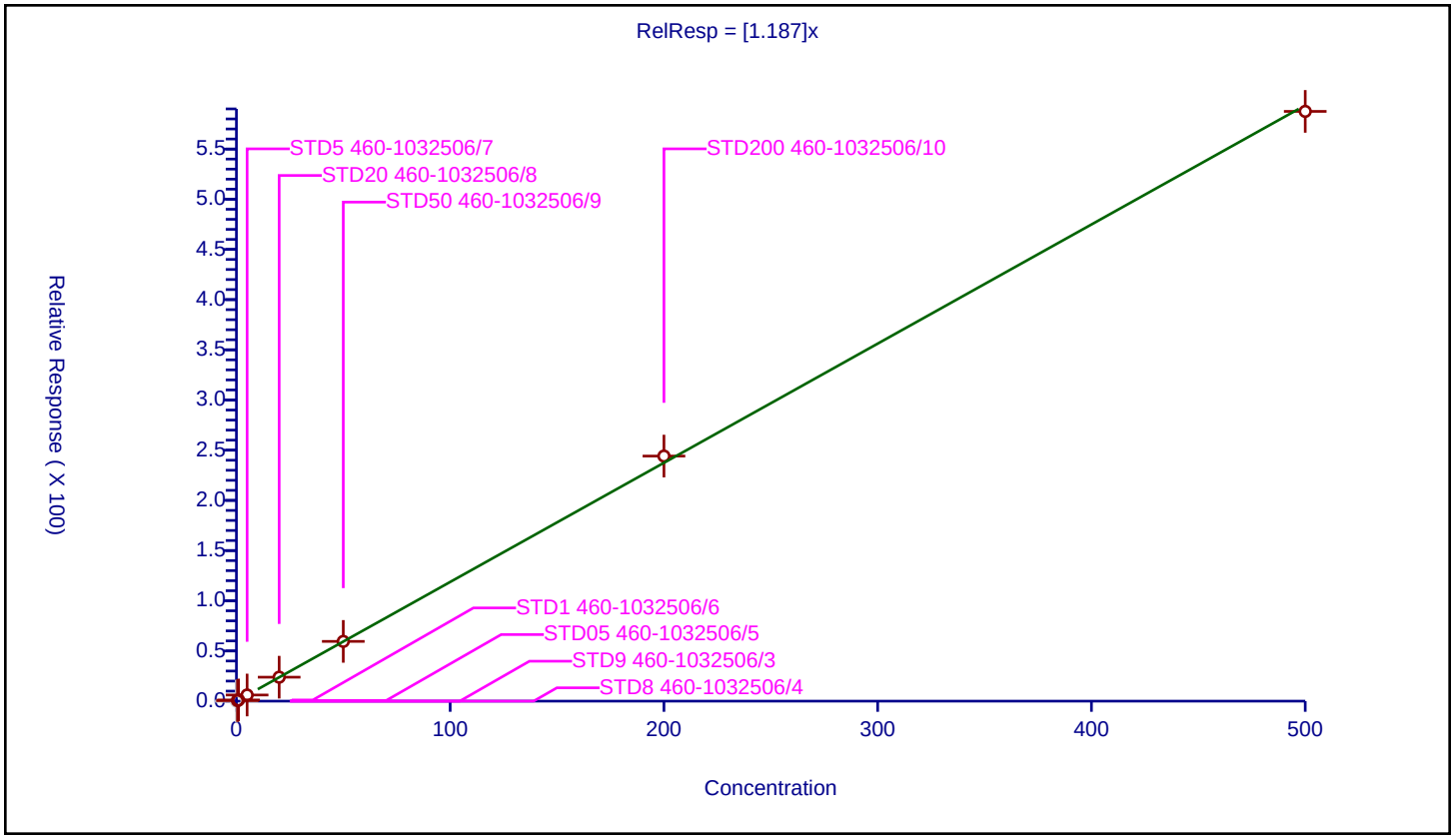
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.578429	50.0	479143.0	1.156857	Y
4	STD1 460-1032506/6	1.0	1.149316	50.0	474021.0	1.149316	Y
5	STD5 460-1032506/7	5.0	6.1246	50.0	476725.0	1.22492	Y
6	STD20 460-1032506/8	20.0	23.856107	50.0	470586.0	1.192805	Y
7	STD50 460-1032506/9	50.0	59.519273	50.0	477631.0	1.190385	Y
8	STD200 460-1032506/10	200.0	244.134001	50.0	486115.0	1.22067	Y
9	STD500 460-1032506/11	500.0	587.51163	50.0	539546.0	1.175023	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

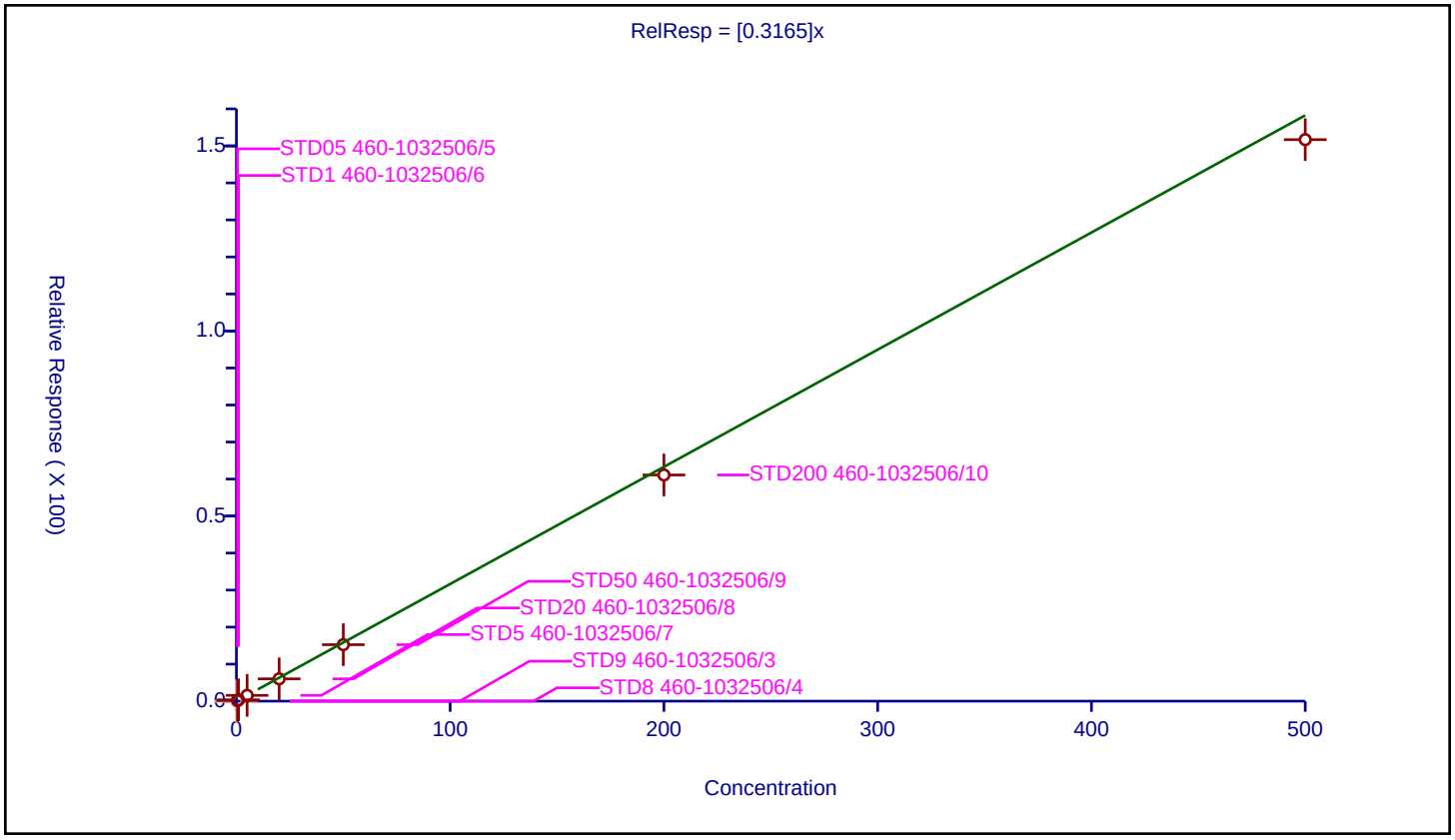
Curve Coefficients

Intercept:	0
Slope:	0.3165

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.164878	50.0	479143.0	0.329755	Y
4	STD1 460-1032506/6	1.0	0.358423	50.0	474021.0	0.358423	Y
5	STD5 460-1032506/7	5.0	1.560438	50.0	476725.0	0.312088	Y
6	STD20 460-1032506/8	20.0	6.027591	50.0	470586.0	0.30138	Y
7	STD50 460-1032506/9	50.0	15.251627	50.0	477631.0	0.305033	Y
8	STD200 460-1032506/10	200.0	61.099328	50.0	486115.0	0.305497	Y
9	STD500 460-1032506/11	500.0	151.686325	50.0	539546.0	0.303373	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

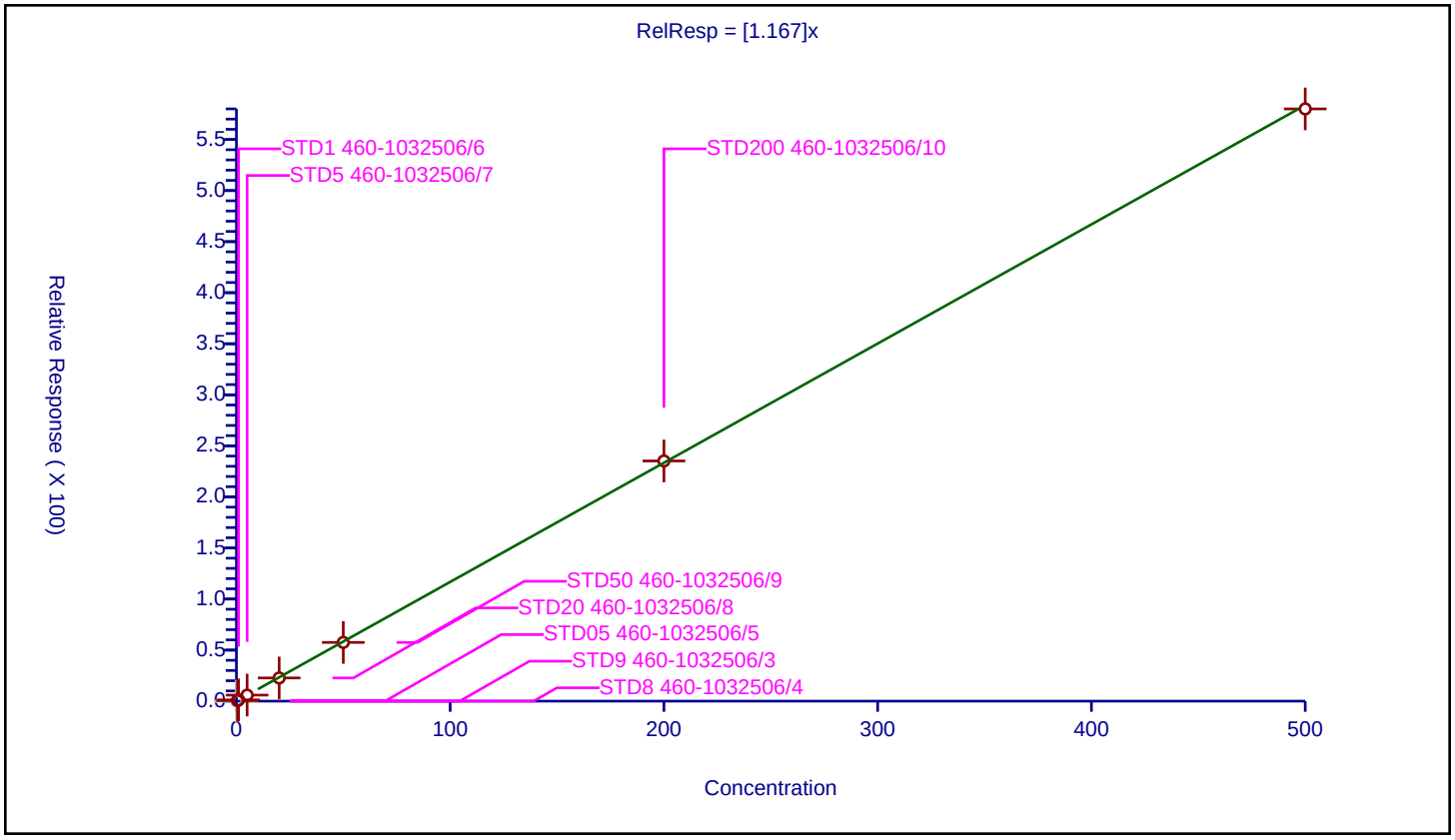
Curve Coefficients

Intercept:	0
Slope:	1.167

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.572585	50.0	479143.0	1.14517	Y
4	STD1 460-1032506/6	1.0	1.220937	50.0	474021.0	1.220937	Y
5	STD5 460-1032506/7	5.0	5.913787	50.0	476725.0	1.182757	Y
6	STD20 460-1032506/8	20.0	22.715614	50.0	470586.0	1.135781	Y
7	STD50 460-1032506/9	50.0	57.508202	50.0	477631.0	1.150164	Y
8	STD200 460-1032506/10	200.0	235.23837	50.0	486115.0	1.176192	Y
9	STD500 460-1032506/11	500.0	579.97965	50.0	539546.0	1.159959	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

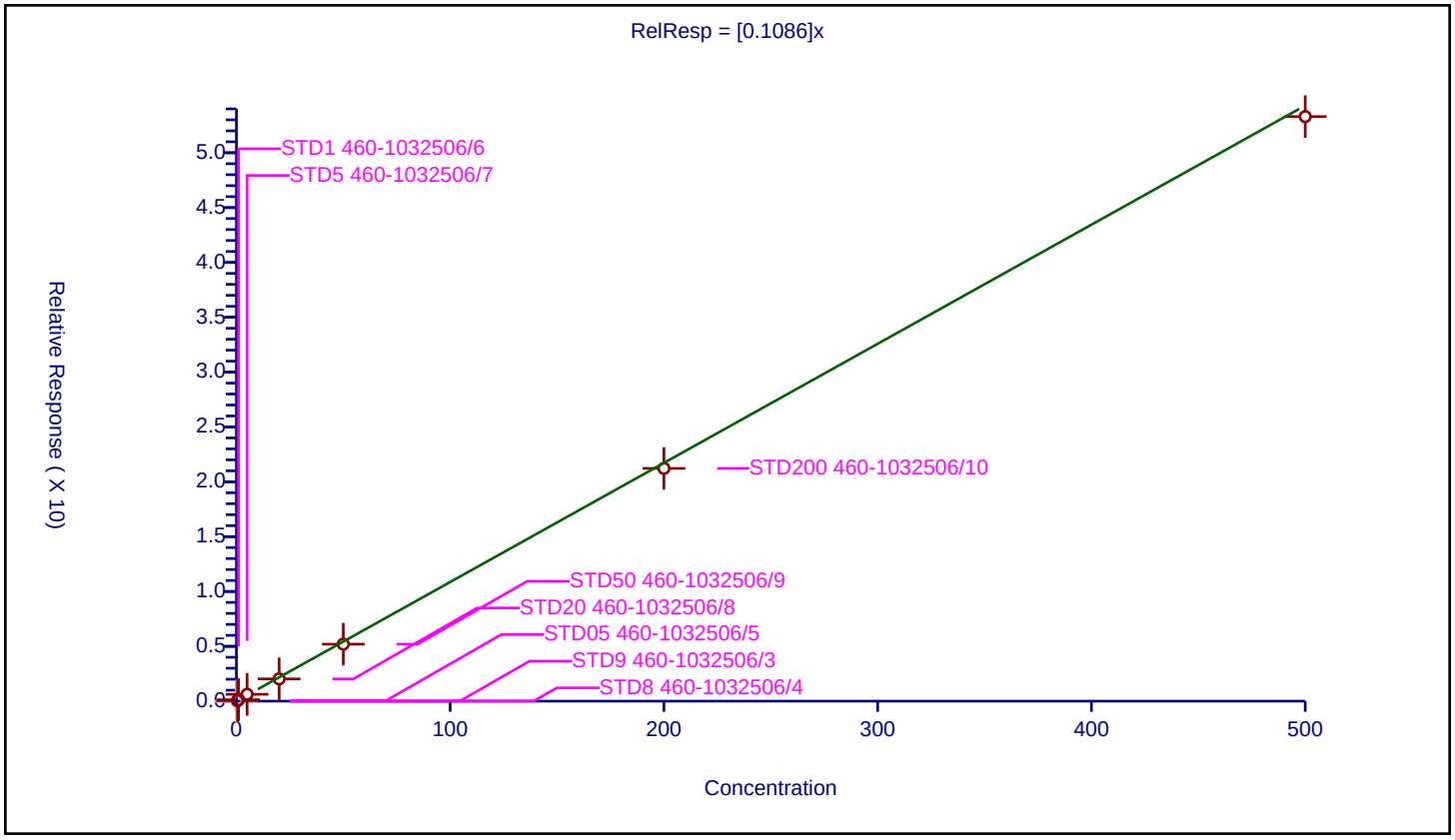
Curve Coefficients

Intercept:	0
Slope:	0.1086

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.043202	50.0	479143.0	0.086404	Y
4	STD1 460-1032506/6	1.0	0.130585	50.0	474021.0	0.130585	Y
5	STD5 460-1032506/7	5.0	0.625937	50.0	476725.0	0.125187	Y
6	STD20 460-1032506/8	20.0	2.028216	50.0	470586.0	0.101411	Y
7	STD50 460-1032506/9	50.0	5.19648	50.0	477631.0	0.10393	Y
8	STD200 460-1032506/10	200.0	21.220802	50.0	486115.0	0.106104	Y
9	STD500 460-1032506/11	500.0	53.296846	50.0	539546.0	0.106594	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

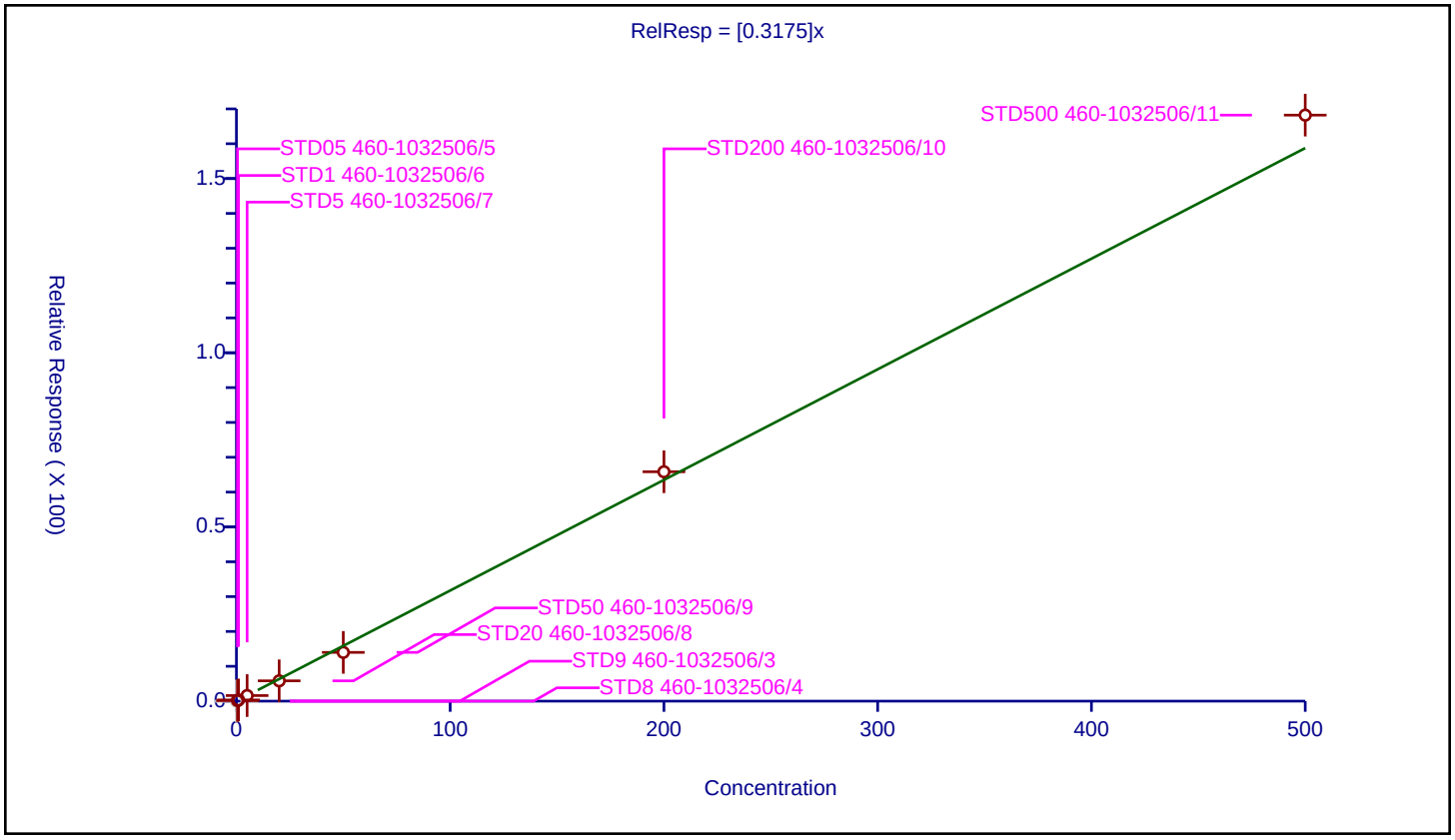
Curve Coefficients

Intercept:	0
Slope:	0.3175

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.162165	50.0	479143.0	0.324329	Y
4	STD1 460-1032506/6	1.0	0.34028	50.0	474021.0	0.34028	Y
5	STD5 460-1032506/7	5.0	1.603965	50.0	476725.0	0.320793	Y
6	STD20 460-1032506/8	20.0	5.831453	50.0	470586.0	0.291573	Y
7	STD50 460-1032506/9	50.0	13.992706	50.0	477631.0	0.279854	Y
8	STD200 460-1032506/10	200.0	65.844399	50.0	486115.0	0.329222	Y
9	STD500 460-1032506/11	500.0	168.212627	50.0	539546.0	0.336425	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

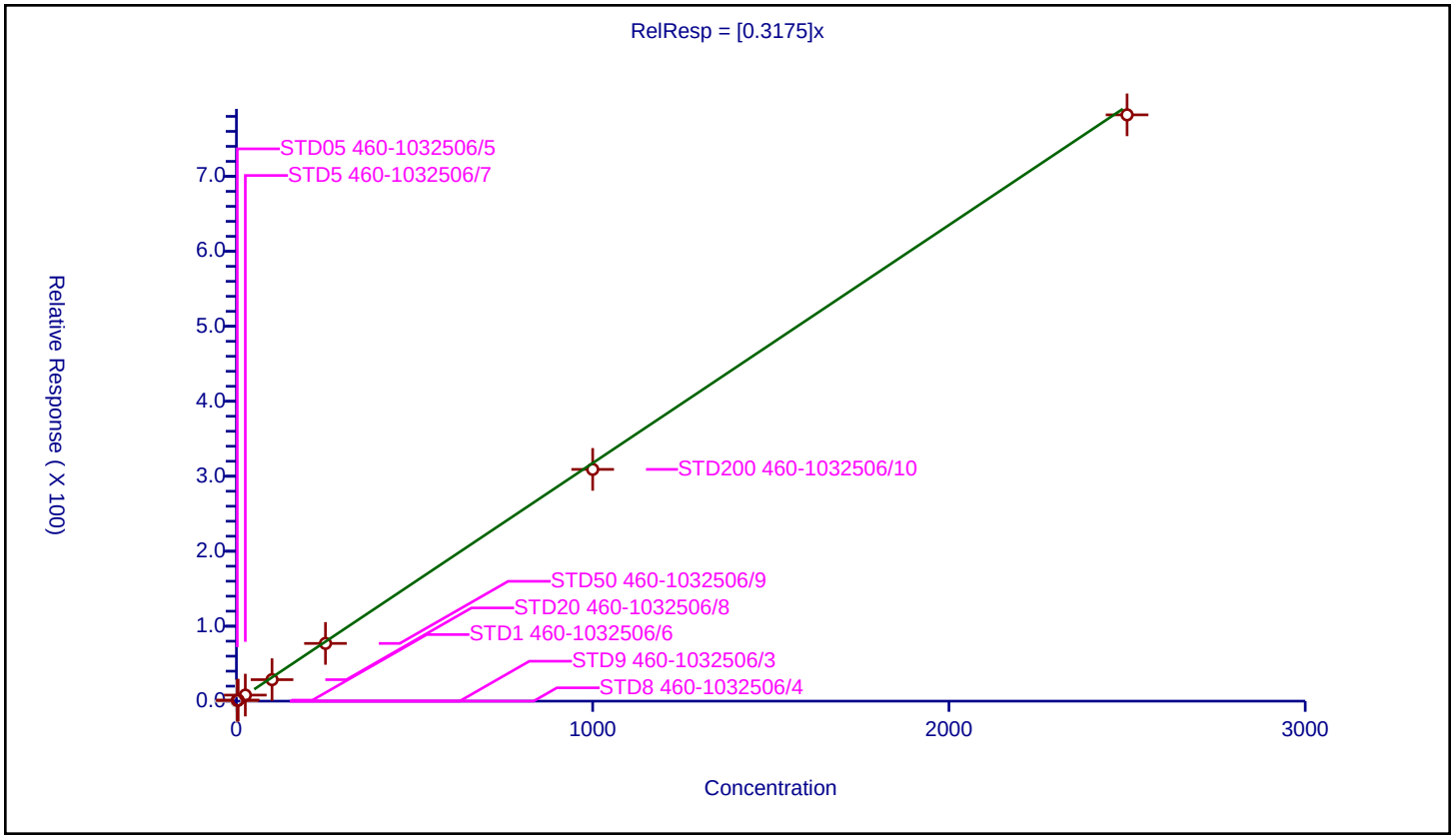
Curve Coefficients

Intercept:	0
Slope:	0.3175

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	1.0	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	2.5	1.016239	250.0	283152.0	0.406495	Y
4	STD1 460-1032506/6	5.0	1.385534	250.0	292306.0	0.277107	Y
5	STD5 460-1032506/7	25.0	8.064573	250.0	285198.0	0.322583	Y
6	STD20 460-1032506/8	100.0	28.649101	250.0	278918.0	0.286491	Y
7	STD50 460-1032506/9	250.0	76.999484	250.0	271070.0	0.307998	Y
8	STD200 460-1032506/10	1000.0	309.150928	250.0	270672.0	0.309151	Y
9	STD500 460-1032506/11	2500.0	782.065213	250.0	279298.0	0.312826	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

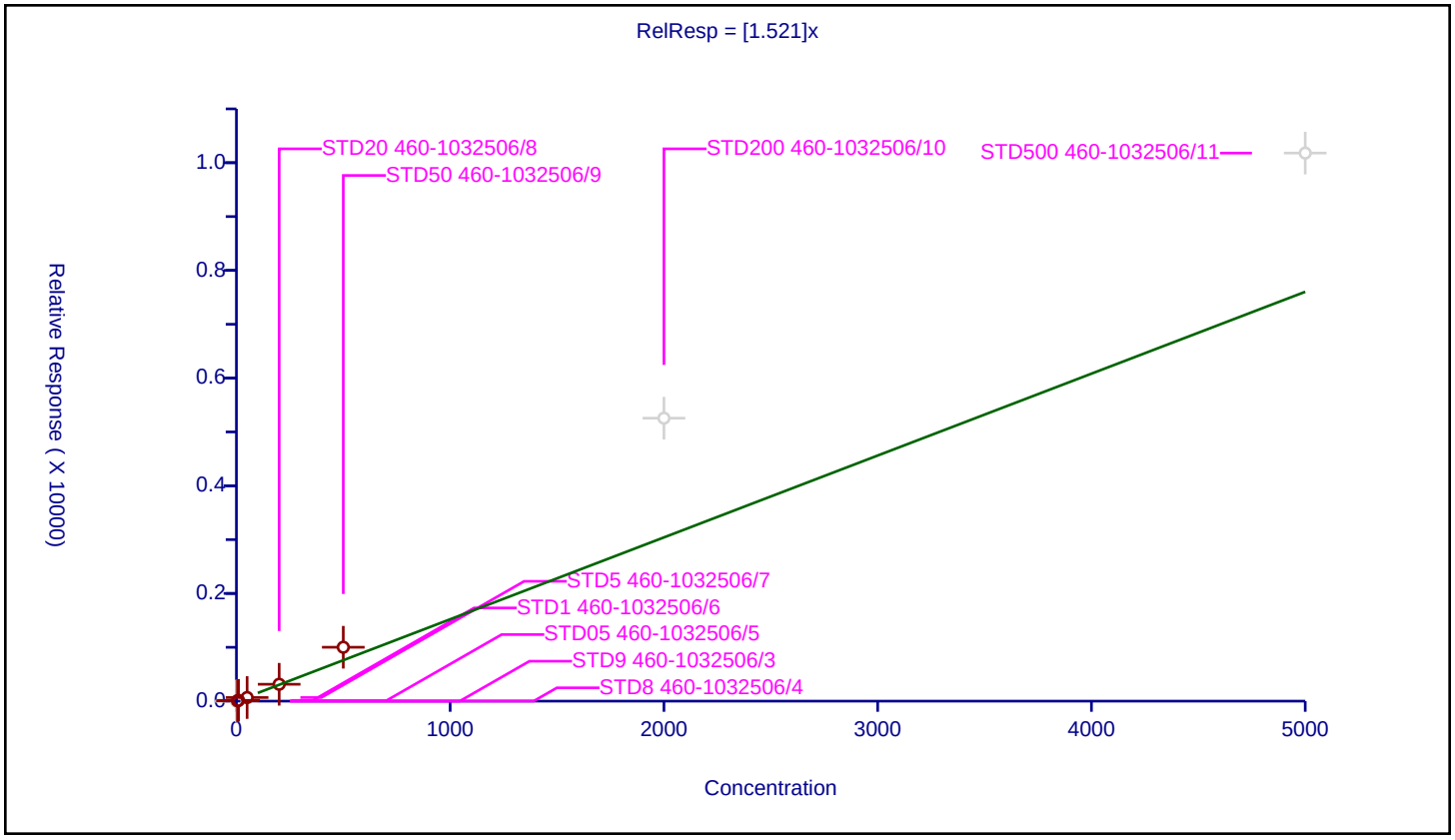
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	2.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	5.0	6.377204	1000.0	187543.0	1.275441	Y
4	STD1 460-1032506/6	10.0	14.212767	1000.0	202494.0	1.421277	Y
5	STD5 460-1032506/7	50.0	66.924681	1000.0	192754.0	1.338494	Y
6	STD20 460-1032506/8	200.0	313.168645	1000.0	166942.0	1.565843	Y
7	STD50 460-1032506/9	500.0	1000.799146	1000.0	145155.0	2.001598	Y
8	STD200 460-1032506/10	2000.0	5255.732034	1000.0	142794.0	2.627866	N
9	STD500 460-1032506/11	5000.0	10179.152252	1000.0	204943.0	2.03583	N



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

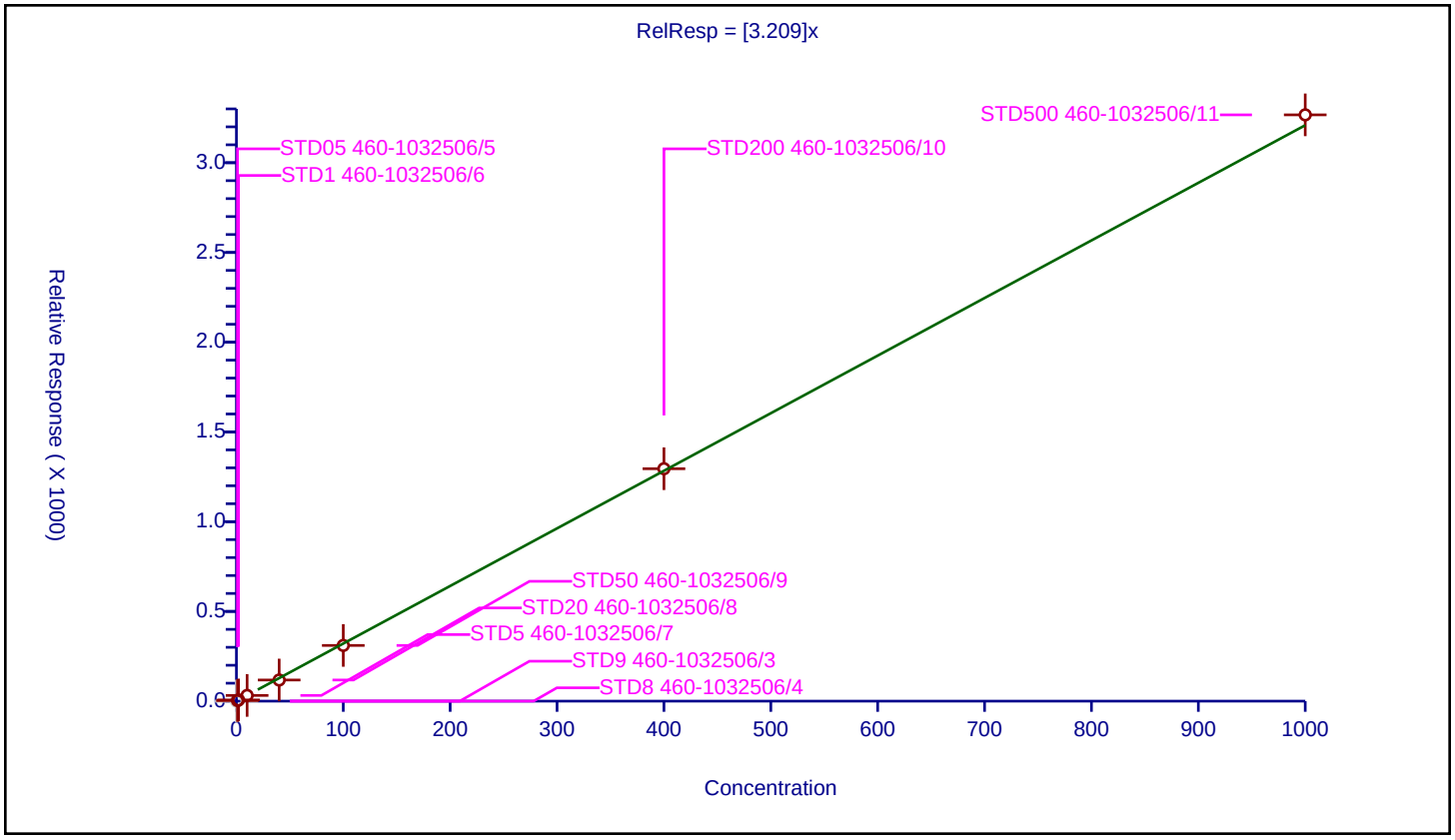
Curve Coefficients

Intercept:	0
Slope:	3.209

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	1.0	3.457507	250.0	283152.0	3.457507	Y
4	STD1 460-1032506/6	2.0	6.545367	250.0	292306.0	3.272683	Y
5	STD5 460-1032506/7	10.0	31.797208	250.0	285198.0	3.179721	Y
6	STD20 460-1032506/8	40.0	117.740698	250.0	278918.0	2.943517	Y
7	STD50 460-1032506/9	100.0	310.33958	250.0	271070.0	3.103396	Y
8	STD200 460-1032506/10	400.0	1294.992648	250.0	270672.0	3.237482	Y
9	STD500 460-1032506/11	1000.0	3266.797471	250.0	279298.0	3.266797	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

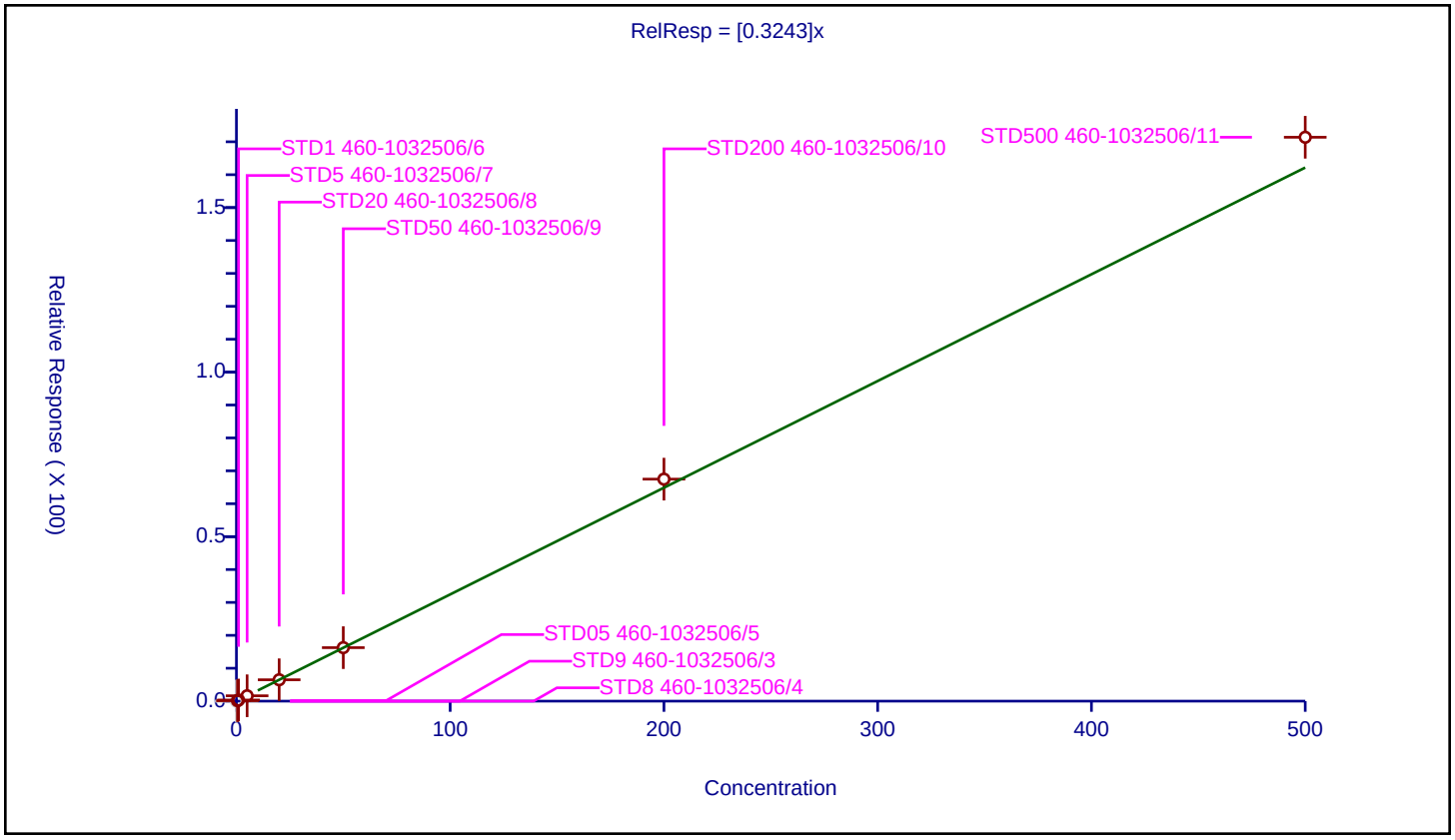
Curve Coefficients

Intercept:	0
Slope:	0.3243

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.140877	50.0	479143.0	0.281753	Y
4	STD1 460-1032506/6	1.0	0.332791	50.0	474021.0	0.332791	Y
5	STD5 460-1032506/7	5.0	1.628717	50.0	476725.0	0.325743	Y
6	STD20 460-1032506/8	20.0	6.492862	50.0	470586.0	0.324643	Y
7	STD50 460-1032506/9	50.0	16.259728	50.0	477631.0	0.325195	Y
8	STD200 460-1032506/10	200.0	67.471586	50.0	486115.0	0.337358	Y
9	STD500 460-1032506/11	500.0	171.379456	50.0	539546.0	0.342759	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

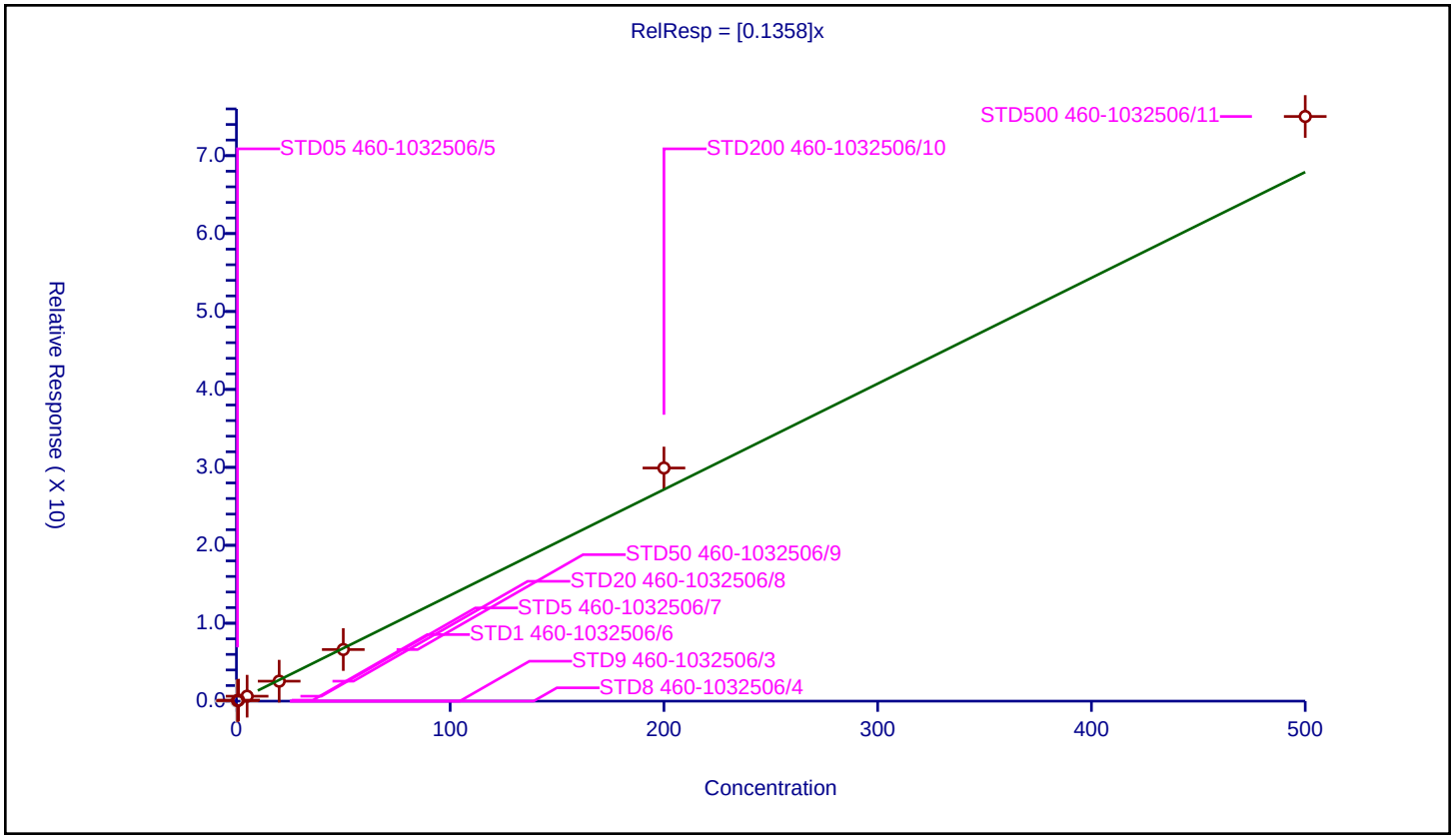
Curve Coefficients

Intercept:	0
Slope:	0.1358

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.068247	50.0	479143.0	0.136494	Y
4	STD1 460-1032506/6	1.0	0.126893	50.0	474021.0	0.126893	Y
5	STD5 460-1032506/7	5.0	0.634643	50.0	476725.0	0.126929	Y
6	STD20 460-1032506/8	20.0	2.562231	50.0	470586.0	0.128112	Y
7	STD50 460-1032506/9	50.0	6.622372	50.0	477631.0	0.132447	Y
8	STD200 460-1032506/10	200.0	29.918435	50.0	486115.0	0.149592	Y
9	STD500 460-1032506/11	500.0	75.025762	50.0	539546.0	0.150052	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

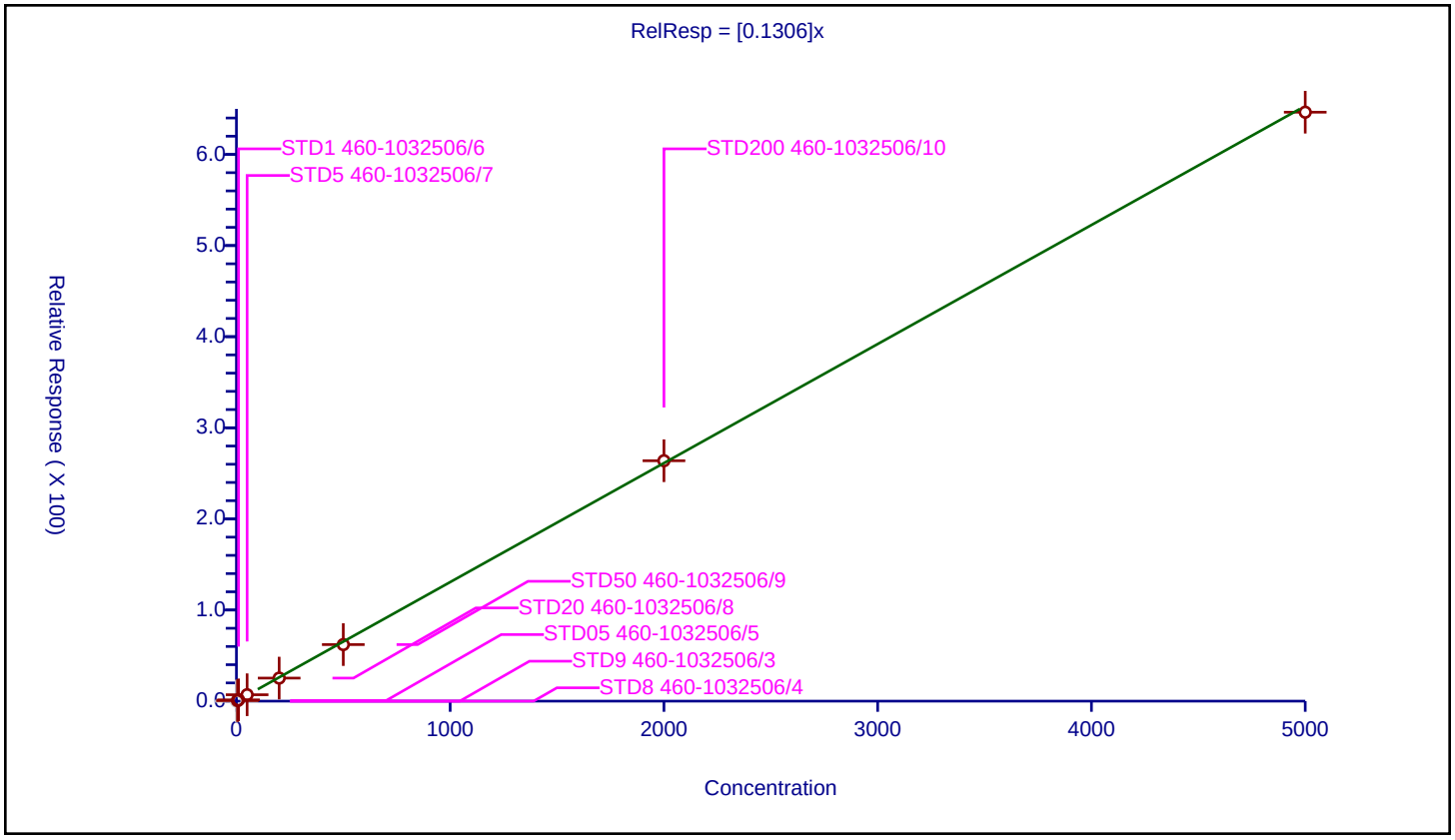
Curve Coefficients

Intercept:	0
Slope:	0.1306

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	2.0	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	5.0	0.613074	50.0	479143.0	0.122615	Y
4	STD1 460-1032506/6	10.0	1.391289	50.0	474021.0	0.139129	Y
5	STD5 460-1032506/7	50.0	7.043159	50.0	476725.0	0.140863	Y
6	STD20 460-1032506/8	200.0	25.307701	50.0	470586.0	0.126539	Y
7	STD50 460-1032506/9	500.0	62.063601	50.0	477631.0	0.124127	Y
8	STD200 460-1032506/10	2000.0	263.863386	50.0	486115.0	0.131932	Y
9	STD500 460-1032506/11	5000.0	646.375286	50.0	539546.0	0.129275	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

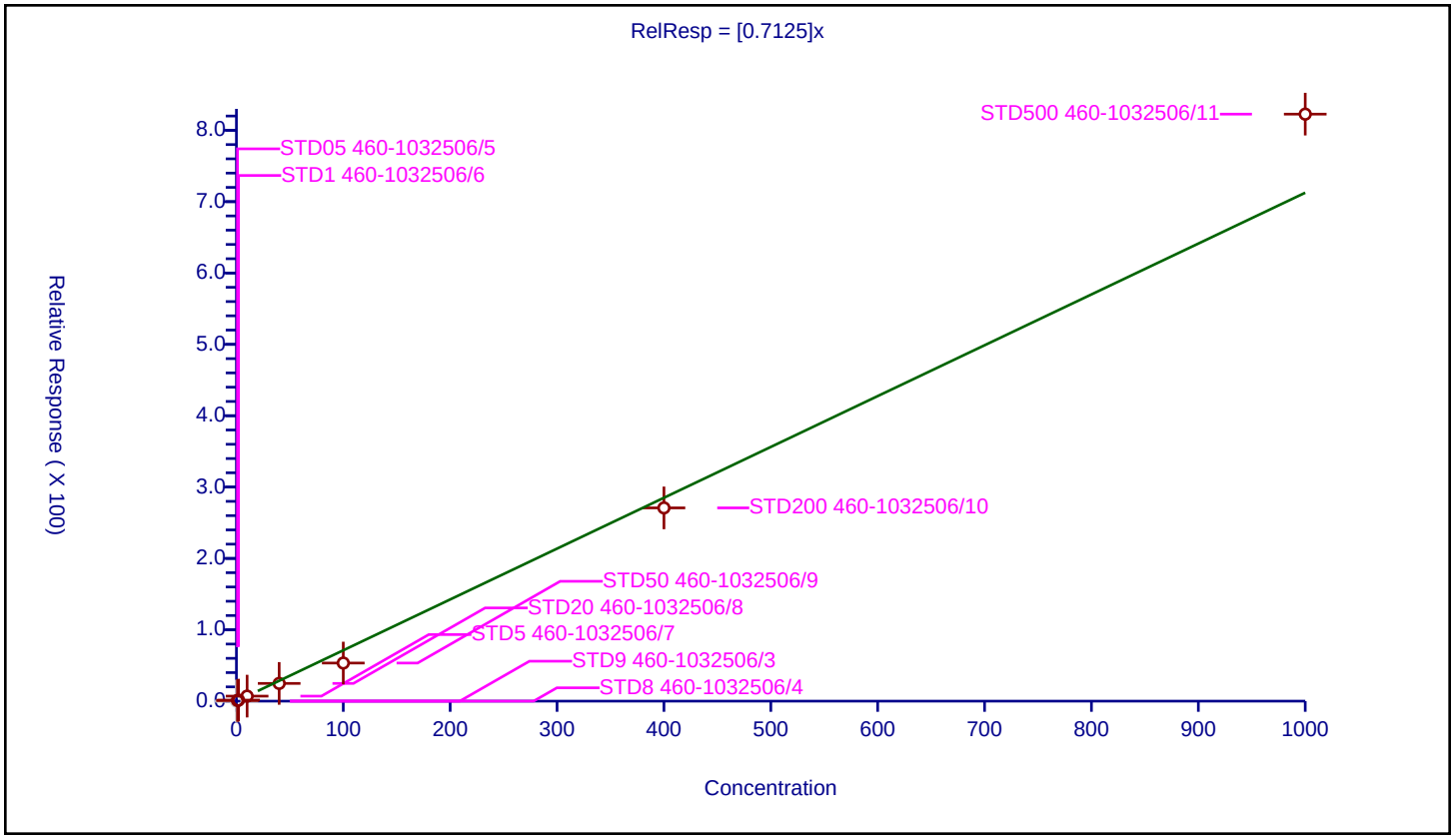
Curve Coefficients

Intercept:	0
Slope:	0.7125

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	1.0	0.905874	250.0	283152.0	0.905874	Y
4	STD1 460-1032506/6	2.0	1.442837	250.0	292306.0	0.721419	Y
5	STD5 460-1032506/7	10.0	7.052118	250.0	285198.0	0.705212	Y
6	STD20 460-1032506/8	40.0	24.847805	250.0	278918.0	0.621195	Y
7	STD50 460-1032506/9	100.0	53.405025	250.0	271070.0	0.53405	Y
8	STD200 460-1032506/10	400.0	270.828715	250.0	270672.0	0.677072	Y
9	STD500 460-1032506/11	1000.0	822.638365	250.0	279298.0	0.822638	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

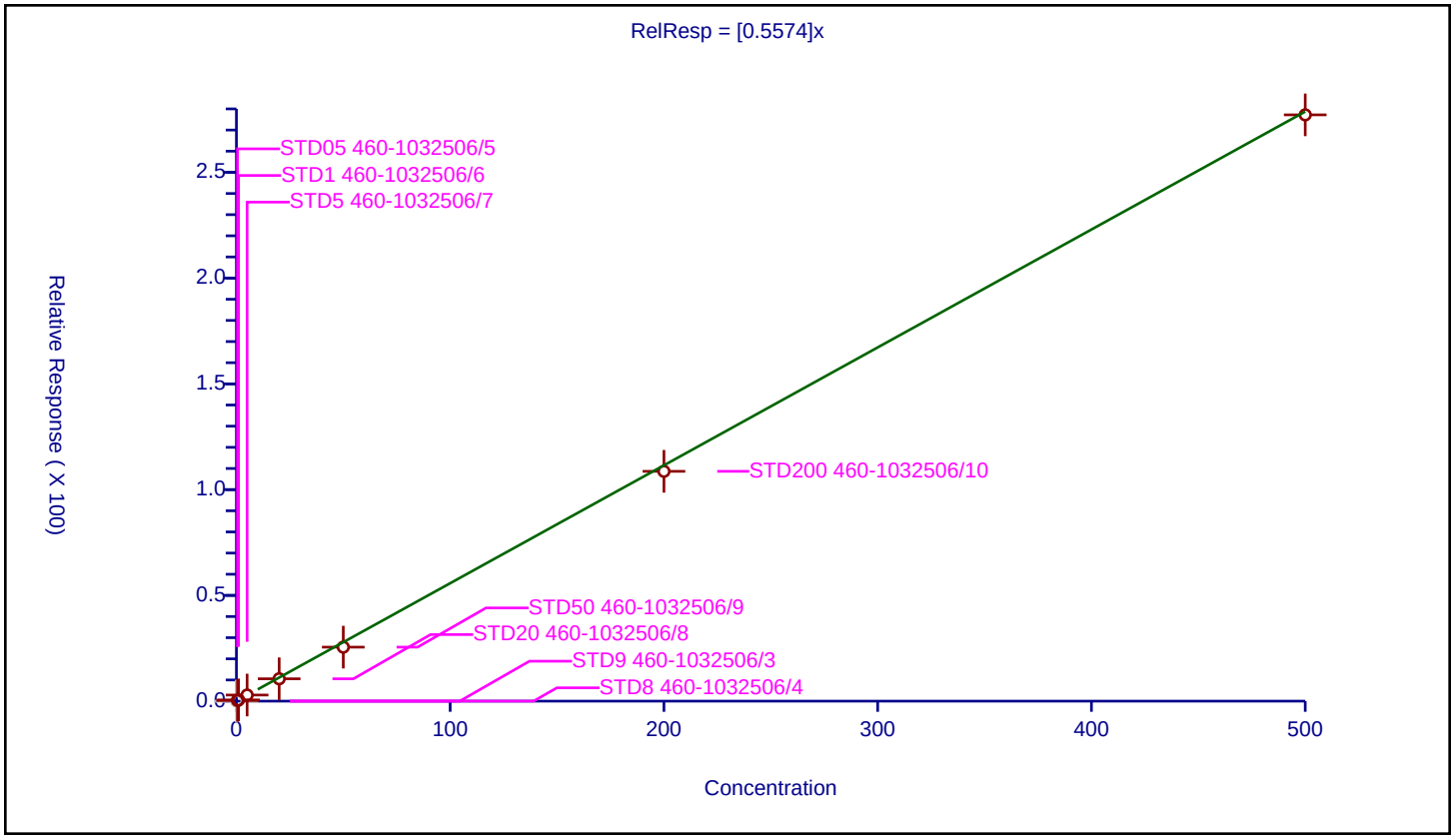
Curve Coefficients

Intercept:	0
Slope:	0.5574

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.305754	50.0	479143.0	0.611508	Y
4	STD1 460-1032506/6	1.0	0.576768	50.0	474021.0	0.576768	Y
5	STD5 460-1032506/7	5.0	2.883948	50.0	476725.0	0.57679	Y
6	STD20 460-1032506/8	20.0	10.574475	50.0	470586.0	0.528724	Y
7	STD50 460-1032506/9	50.0	25.529227	50.0	477631.0	0.510585	Y
8	STD200 460-1032506/10	200.0	108.643222	50.0	486115.0	0.543216	Y
9	STD500 460-1032506/11	500.0	277.184522	50.0	539546.0	0.554369	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

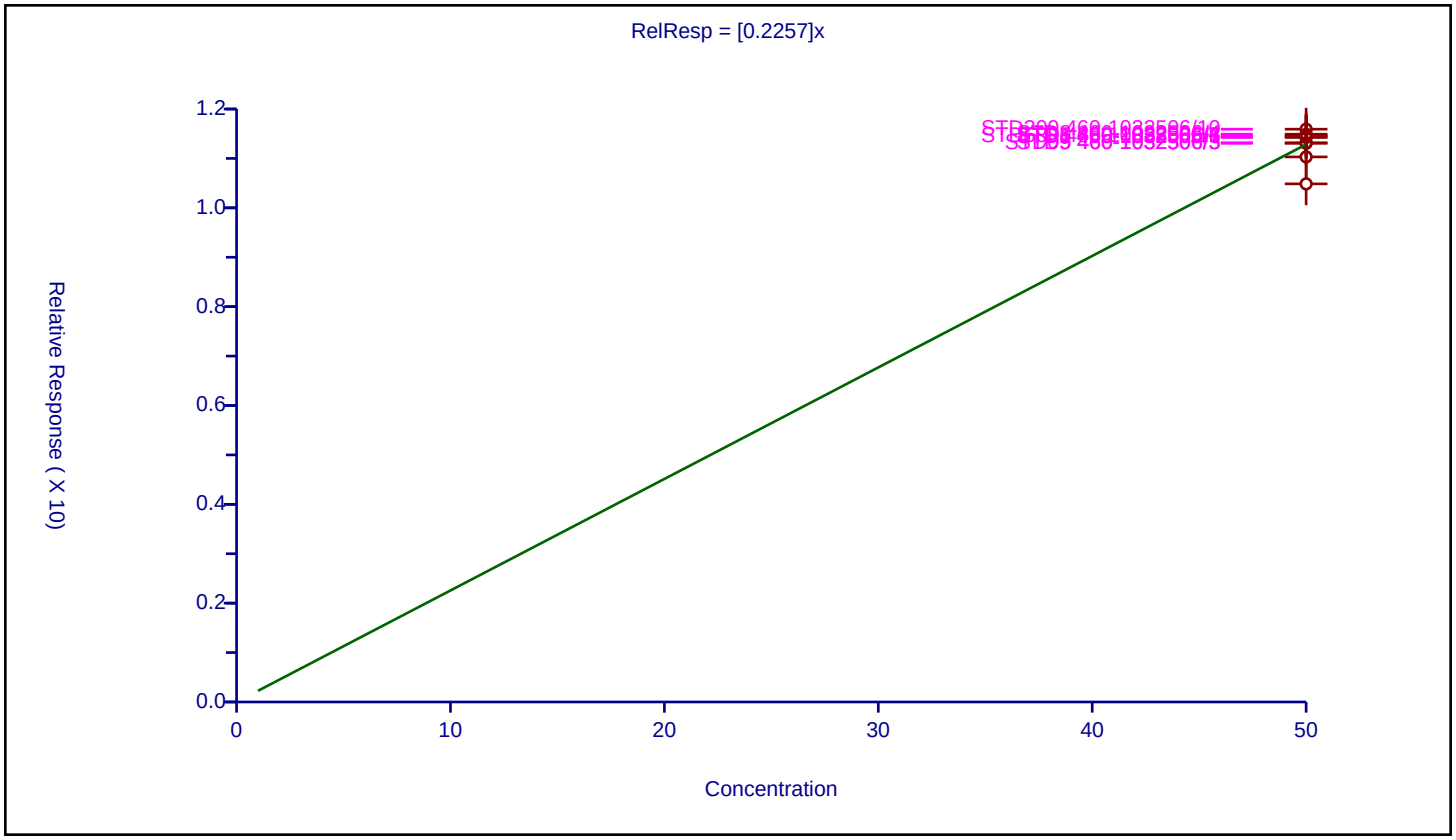
Curve Coefficients

Intercept:	0
Slope:	0.2257

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	50.0	11.317542	50.0	495430.0	0.226351	Y
2	STD8 460-1032506/4	50.0	11.489972	50.0	487734.0	0.229799	Y
3	STD05 460-1032506/5	50.0	11.306019	50.0	479143.0	0.22612	Y
4	STD1 460-1032506/6	50.0	11.423861	50.0	474021.0	0.228477	Y
5	STD5 460-1032506/7	50.0	11.457864	50.0	476725.0	0.229157	Y
6	STD20 460-1032506/8	50.0	11.030927	50.0	470586.0	0.220619	Y
7	STD50 460-1032506/9	50.0	10.485186	50.0	477631.0	0.209704	Y
8	STD200 460-1032506/10	50.0	11.591907	50.0	486115.0	0.231838	Y
9	STD500 460-1032506/11	50.0	11.447309	50.0	539546.0	0.228946	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

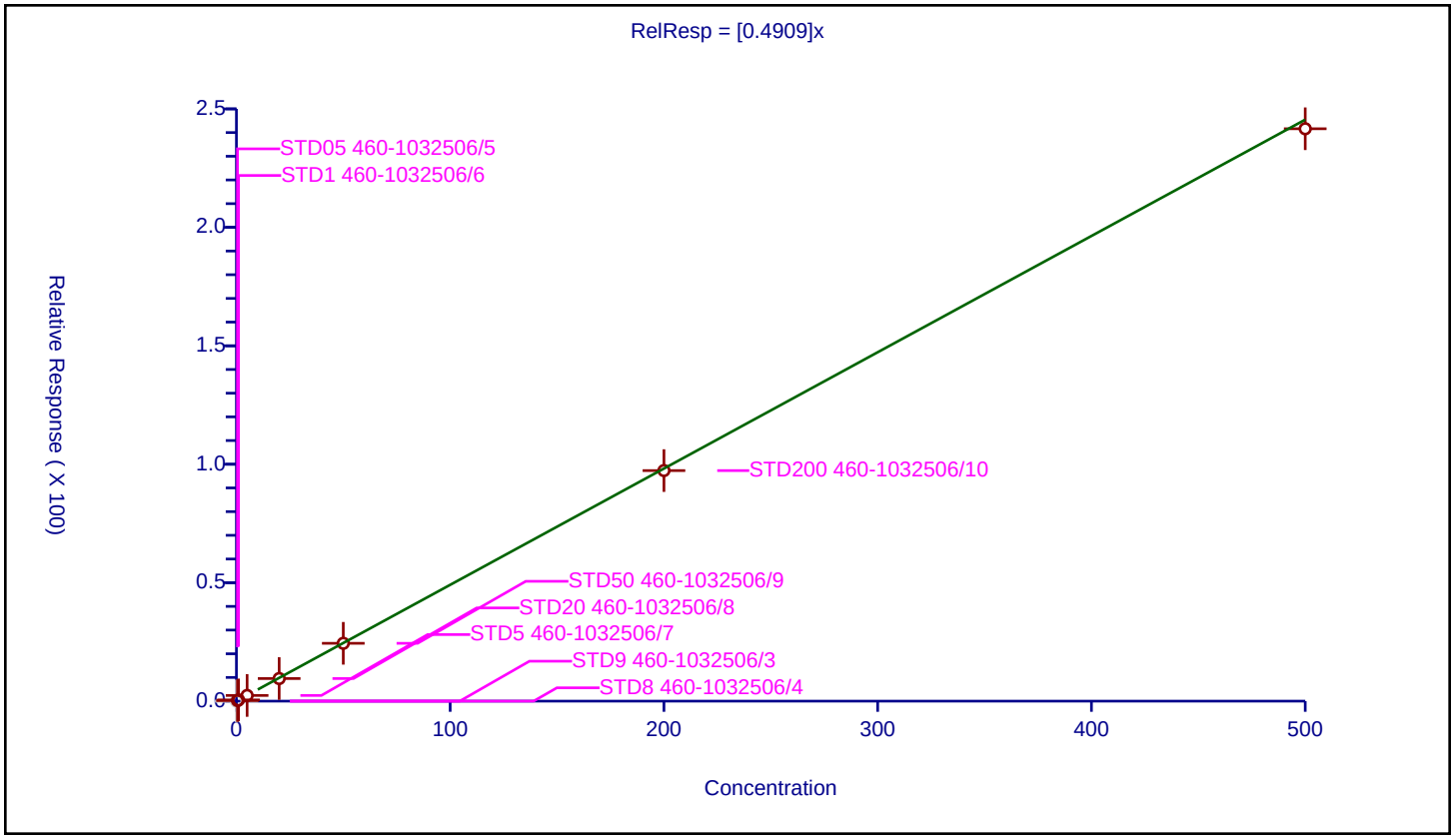
Curve Coefficients

Intercept:	0
Slope:	0.4909

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.253056	50.0	479143.0	0.506112	Y
4	STD1 460-1032506/6	1.0	0.515167	50.0	474021.0	0.515167	Y
5	STD5 460-1032506/7	5.0	2.399916	50.0	476725.0	0.479983	Y
6	STD20 460-1032506/8	20.0	9.537045	50.0	470586.0	0.476852	Y
7	STD50 460-1032506/9	50.0	24.415082	50.0	477631.0	0.488302	Y
8	STD200 460-1032506/10	200.0	97.327587	50.0	486115.0	0.486638	Y
9	STD500 460-1032506/11	500.0	241.612763	50.0	539546.0	0.483226	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

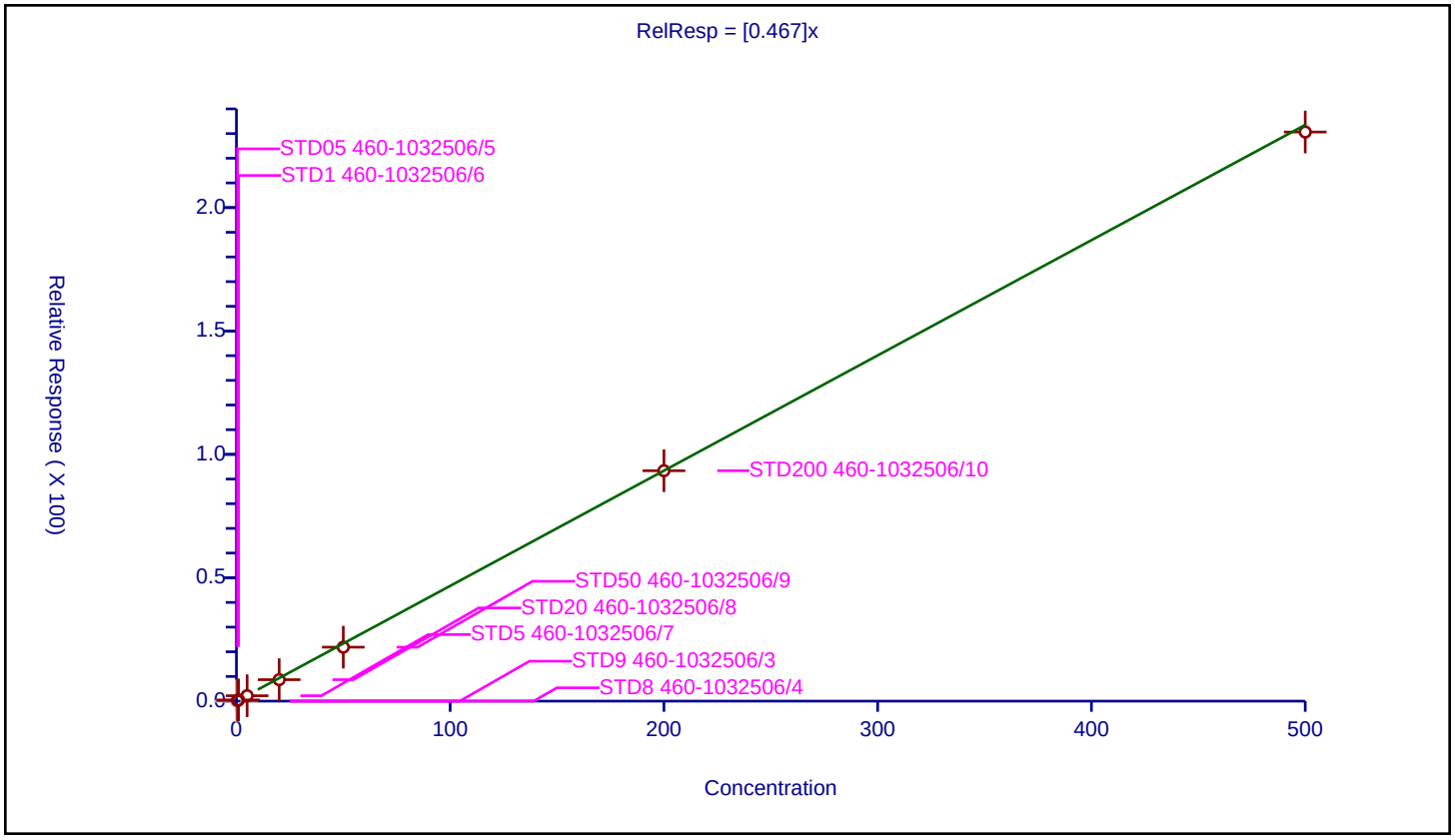
Curve Coefficients

Intercept:	0
Slope:	0.467

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.275596	50.0	479143.0	0.551192	Y
4	STD1 460-1032506/6	1.0	0.47962	50.0	474021.0	0.47962	Y
5	STD5 460-1032506/7	5.0	2.189522	50.0	476725.0	0.437904	Y
6	STD20 460-1032506/8	20.0	8.694054	50.0	470586.0	0.434703	Y
7	STD50 460-1032506/9	50.0	21.872324	50.0	477631.0	0.437446	Y
8	STD200 460-1032506/10	200.0	93.37163	50.0	486115.0	0.466858	Y
9	STD500 460-1032506/11	500.0	230.63066	50.0	539546.0	0.461261	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

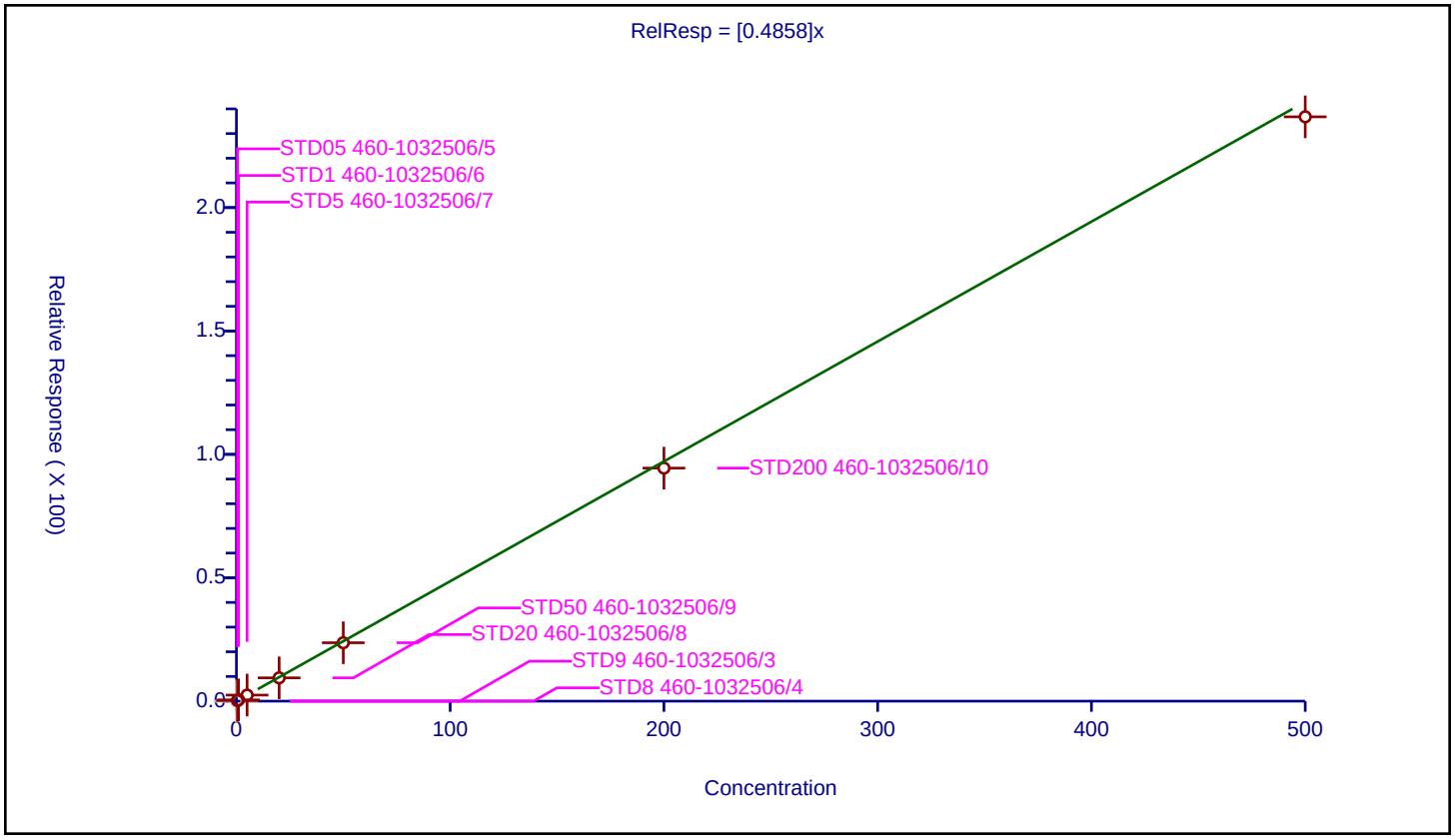
Curve Coefficients

Intercept:	0
Slope:	0.4858

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.255874	50.0	479143.0	0.511747	Y
4	STD1 460-1032506/6	1.0	0.506307	50.0	474021.0	0.506307	Y
5	STD5 460-1032506/7	5.0	2.456028	50.0	476725.0	0.491206	Y
6	STD20 460-1032506/8	20.0	9.440889	50.0	470586.0	0.472044	Y
7	STD50 460-1032506/9	50.0	23.667643	50.0	477631.0	0.473353	Y
8	STD200 460-1032506/10	200.0	94.430433	50.0	486115.0	0.472152	Y
9	STD500 460-1032506/11	500.0	236.782128	50.0	539546.0	0.473564	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

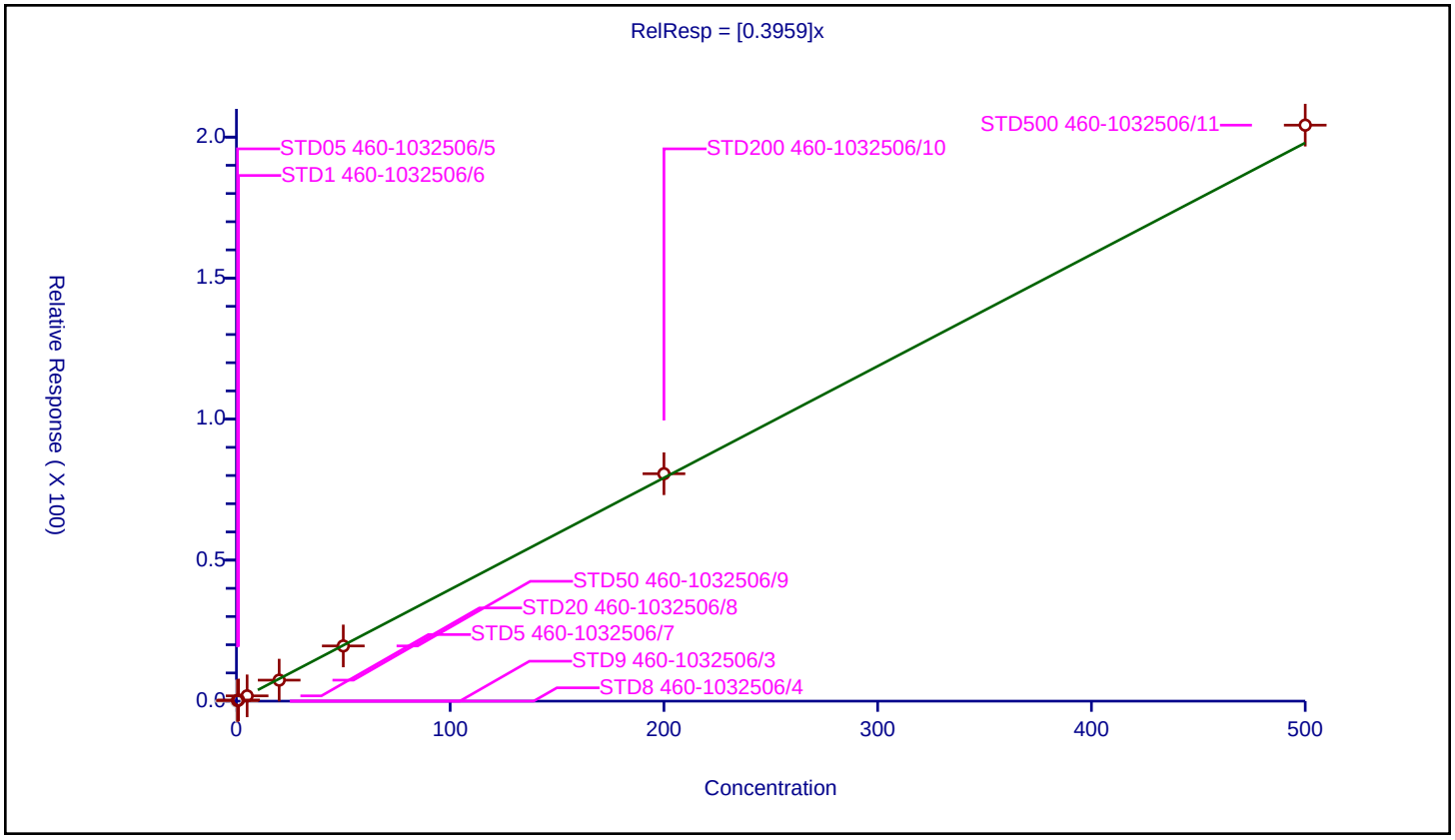
Curve Coefficients

Intercept:	0
Slope:	0.3959

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.209645	50.0	479143.0	0.41929	Y
4	STD1 460-1032506/6	1.0	0.401775	50.0	474021.0	0.401775	Y
5	STD5 460-1032506/7	5.0	1.874456	50.0	476725.0	0.374891	Y
6	STD20 460-1032506/8	20.0	7.44816	50.0	470586.0	0.372408	Y
7	STD50 460-1032506/9	50.0	19.569291	50.0	477631.0	0.391386	Y
8	STD200 460-1032506/10	200.0	80.639972	50.0	486115.0	0.4032	Y
9	STD500 460-1032506/11	500.0	204.241807	50.0	539546.0	0.408484	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

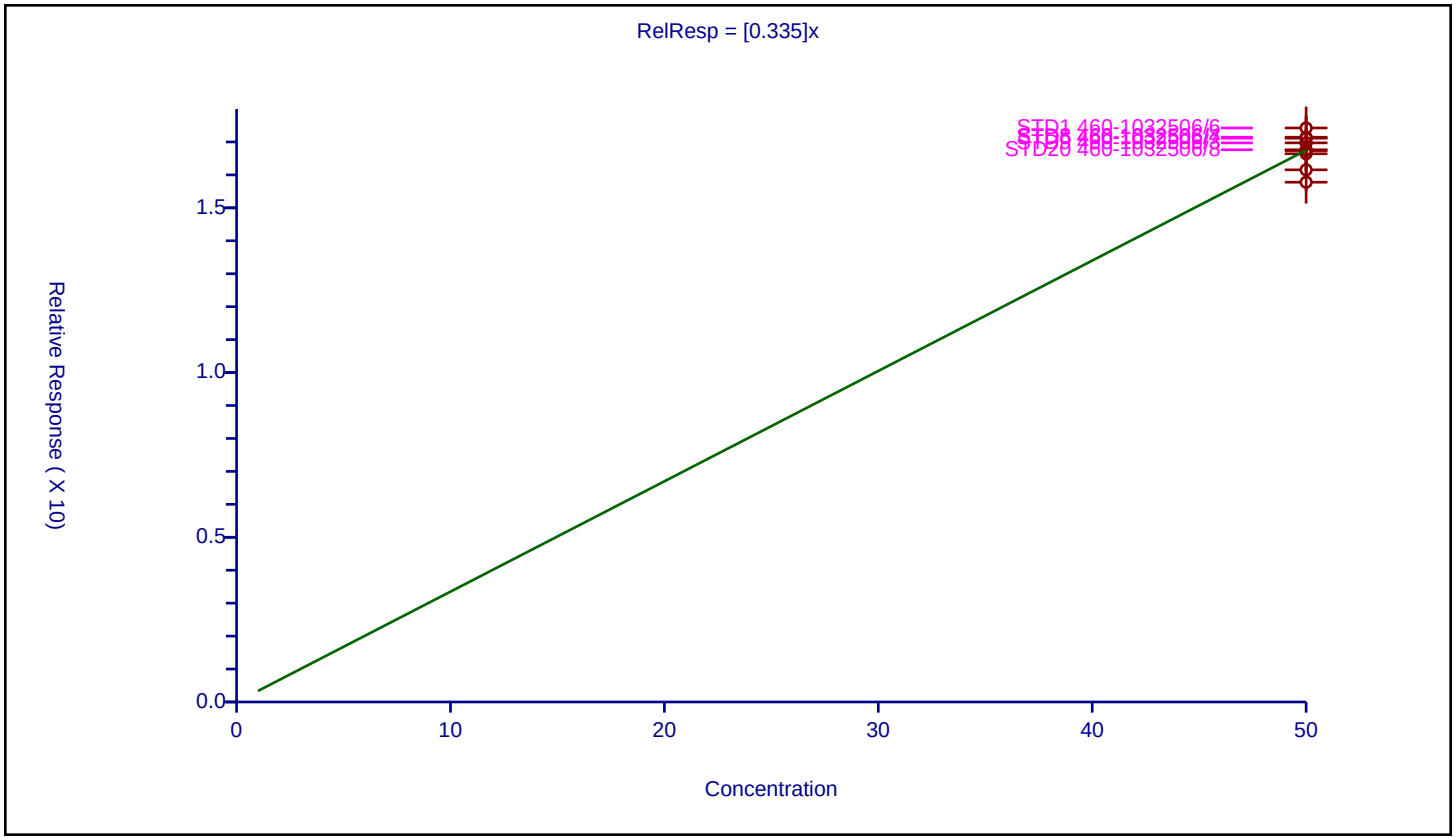
Curve Coefficients

Intercept:	0
Slope:	0.335

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	50.0	16.971621	50.0	495430.0	0.339432	Y
2	STD8 460-1032506/4	50.0	17.143566	50.0	487734.0	0.342871	Y
3	STD05 460-1032506/5	50.0	16.737801	50.0	479143.0	0.334756	Y
4	STD1 460-1032506/6	50.0	17.424228	50.0	474021.0	0.348485	Y
5	STD5 460-1032506/7	50.0	17.114164	50.0	476725.0	0.342283	Y
6	STD20 460-1032506/8	50.0	16.763248	50.0	470586.0	0.335265	Y
7	STD50 460-1032506/9	50.0	15.777661	50.0	477631.0	0.315553	Y
8	STD200 460-1032506/10	50.0	16.641844	50.0	486115.0	0.332837	Y
9	STD500 460-1032506/11	50.0	16.153766	50.0	539546.0	0.323075	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

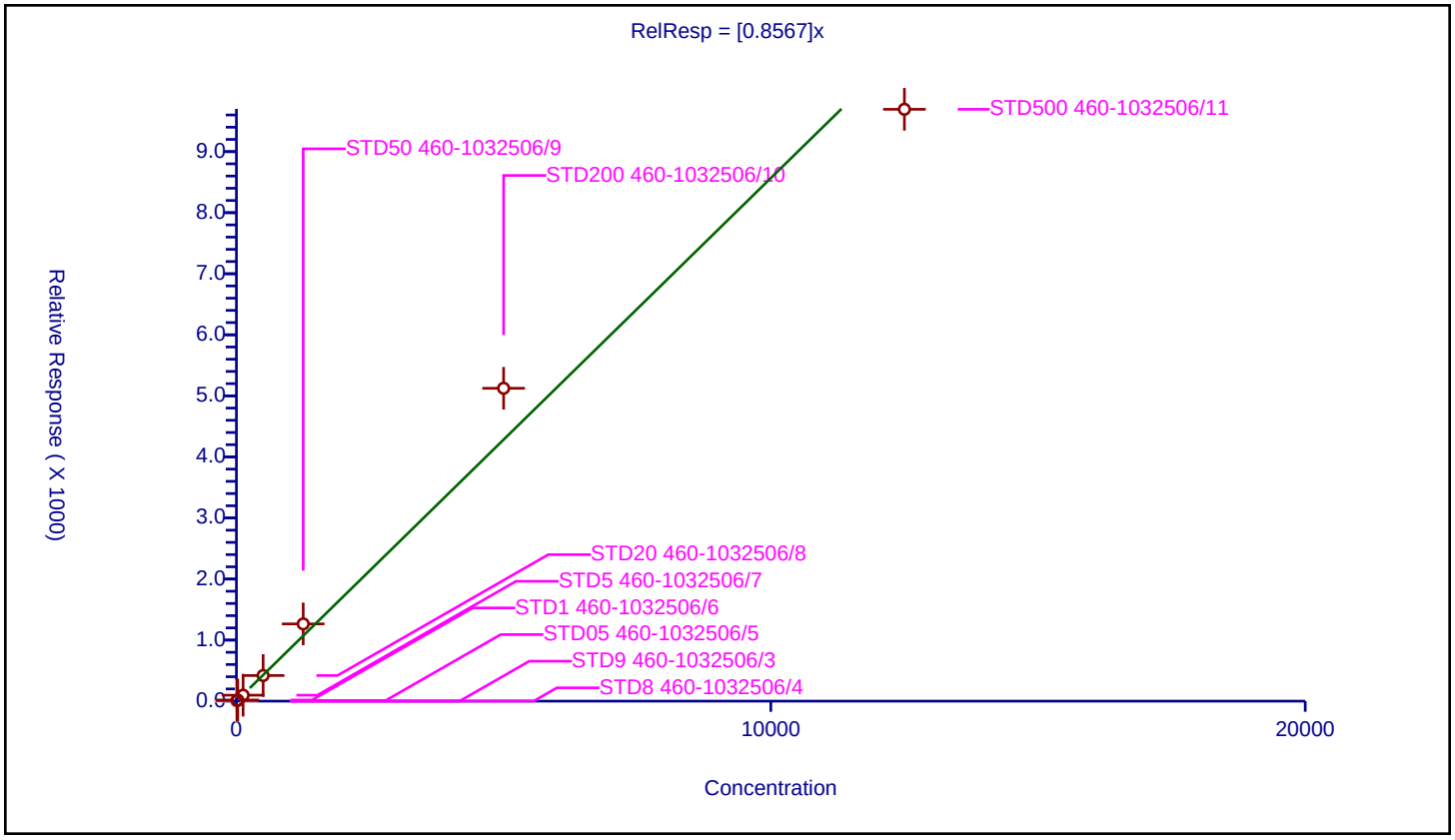
Curve Coefficients

Intercept:	0
Slope:	0.8567

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	5.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	12.5	10.360291	1000.0	187543.0	0.828823	Y
4	STD1 460-1032506/6	25.0	18.410422	1000.0	202494.0	0.736417	Y
5	STD5 460-1032506/7	125.0	97.590711	1000.0	192754.0	0.780726	Y
6	STD20 460-1032506/8	500.0	419.337255	1000.0	166942.0	0.838675	Y
7	STD50 460-1032506/9	1250.0	1264.751473	1000.0	145155.0	1.011801	Y
8	STD200 460-1032506/10	5000.0	5124.045828	1000.0	142794.0	1.024809	Y
9	STD500 460-1032506/11	12500.0	9693.363521	1000.0	204943.0	0.775469	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

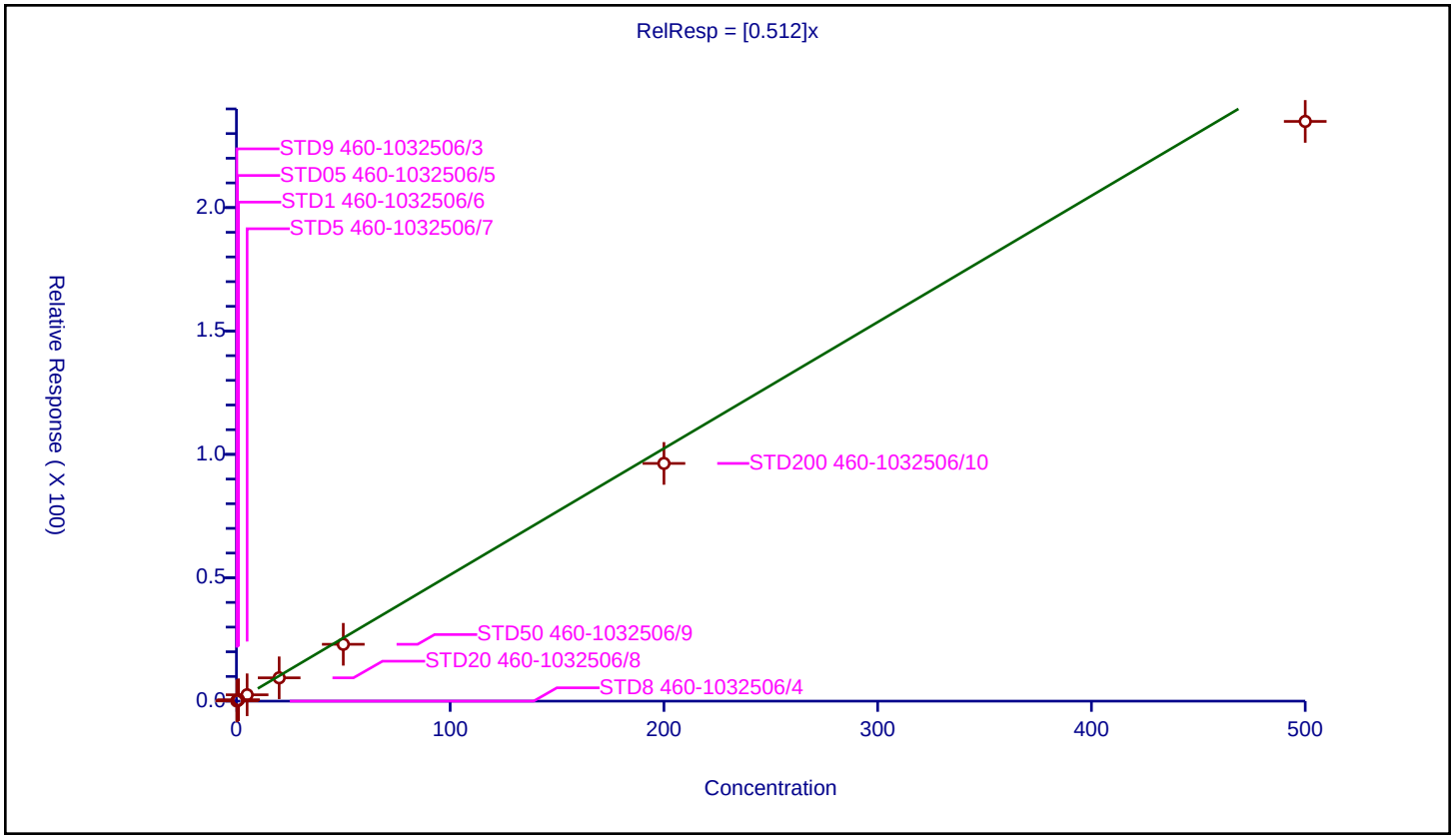
Curve Coefficients

Intercept:	0
Slope:	0.512

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.1094	50.0	495430.0	0.547	Y
3	STD05 460-1032506/5	0.5	0.297197	50.0	479143.0	0.594395	Y
4	STD1 460-1032506/6	1.0	0.554722	50.0	474021.0	0.554722	Y
5	STD5 460-1032506/7	5.0	2.57486	50.0	476725.0	0.514972	Y
6	STD20 460-1032506/8	20.0	9.448539	50.0	470586.0	0.472427	Y
7	STD50 460-1032506/9	50.0	23.038915	50.0	477631.0	0.460778	Y
8	STD200 460-1032506/10	200.0	96.329881	50.0	486115.0	0.481649	Y
9	STD500 460-1032506/11	500.0	234.92566	50.0	539546.0	0.469851	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

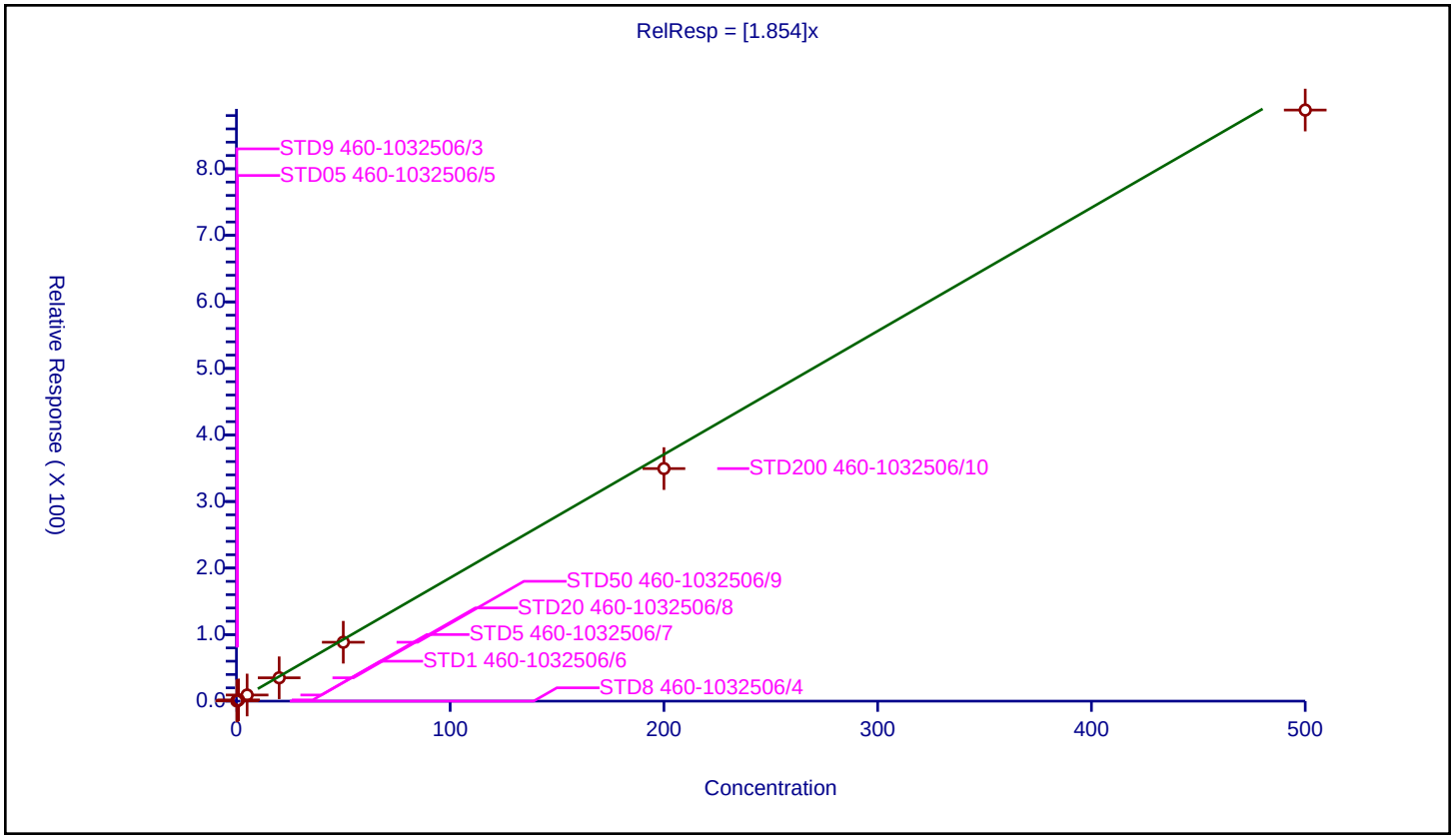
Curve Coefficients

Intercept:	0
Slope:	1.854

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.448883	50.0	355104.0	2.244413	Y
3	STD05 460-1032506/5	0.5	0.942916	50.0	349554.0	1.885832	Y
4	STD1 460-1032506/6	1.0	1.805257	50.0	344300.0	1.805257	Y
5	STD5 460-1032506/7	5.0	9.233271	50.0	345598.0	1.846654	Y
6	STD20 460-1032506/8	20.0	35.080944	50.0	350860.0	1.754047	Y
7	STD50 460-1032506/9	50.0	88.52288	50.0	360025.0	1.770458	Y
8	STD200 460-1032506/10	200.0	349.462699	50.0	375488.0	1.747313	Y
9	STD500 460-1032506/11	500.0	888.273557	50.0	410086.0	1.776547	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

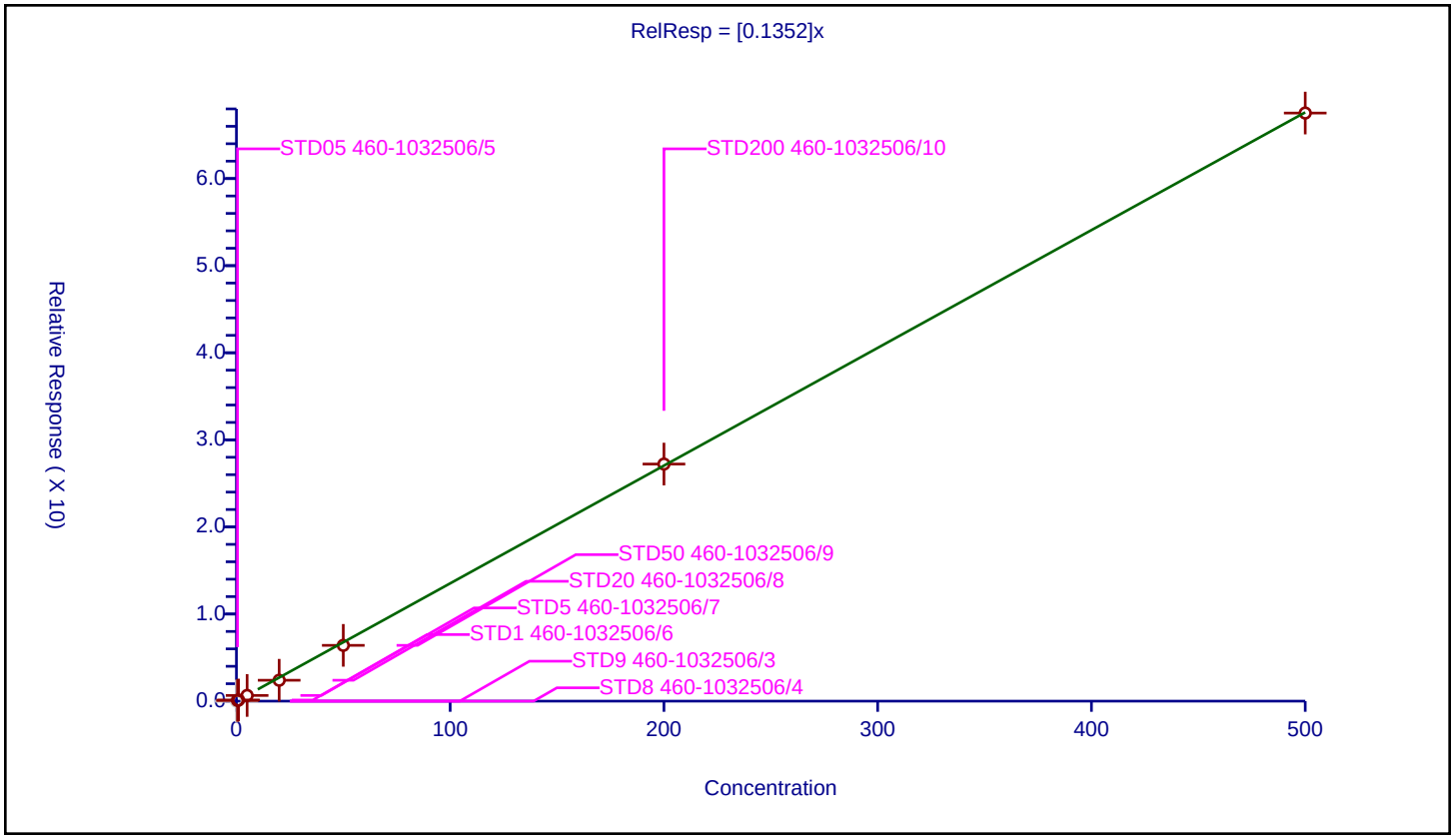
Curve Coefficients

Intercept:	0
Slope:	0.1352

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.085465	50.0	479143.0	0.17093	Y
4	STD1 460-1032506/6	1.0	0.125416	50.0	474021.0	0.125416	Y
5	STD5 460-1032506/7	5.0	0.654256	50.0	476725.0	0.130851	Y
6	STD20 460-1032506/8	20.0	2.400199	50.0	470586.0	0.12001	Y
7	STD50 460-1032506/9	50.0	6.403688	50.0	477631.0	0.128074	Y
8	STD200 460-1032506/10	200.0	27.221131	50.0	486115.0	0.136106	Y
9	STD500 460-1032506/11	500.0	67.523436	50.0	539546.0	0.135047	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

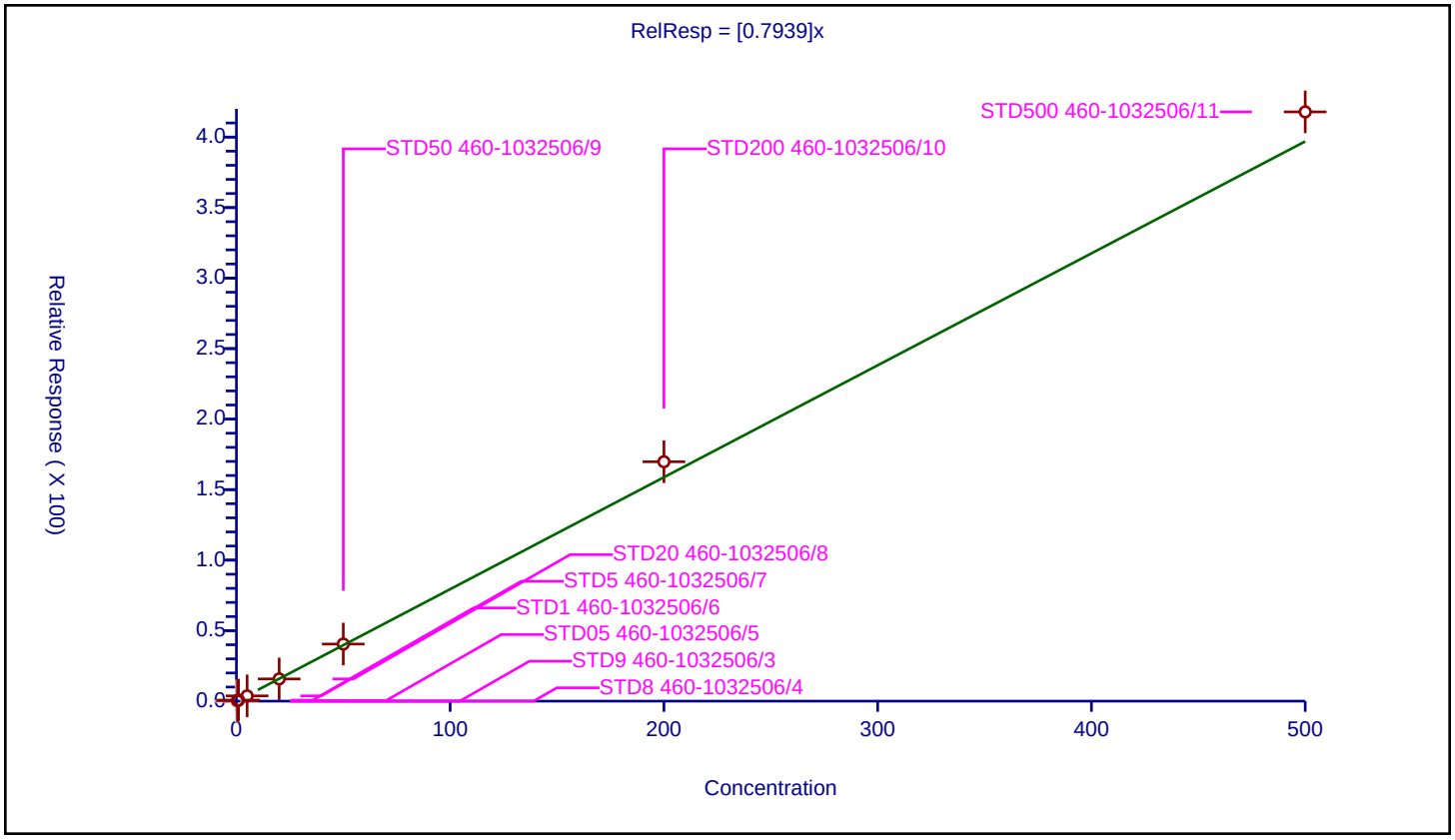
Curve Coefficients

Intercept:	0
Slope:	0.7939

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.395602	50.0	479143.0	0.791204	Y
4	STD1 460-1032506/6	1.0	0.735621	50.0	474021.0	0.735621	Y
5	STD5 460-1032506/7	5.0	3.738738	50.0	476725.0	0.747748	Y
6	STD20 460-1032506/8	20.0	15.76205	50.0	470586.0	0.788102	Y
7	STD50 460-1032506/9	50.0	40.486798	50.0	477631.0	0.809736	Y
8	STD200 460-1032506/10	200.0	169.77855	50.0	486115.0	0.848893	Y
9	STD500 460-1032506/11	500.0	417.866225	50.0	539546.0	0.835732	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

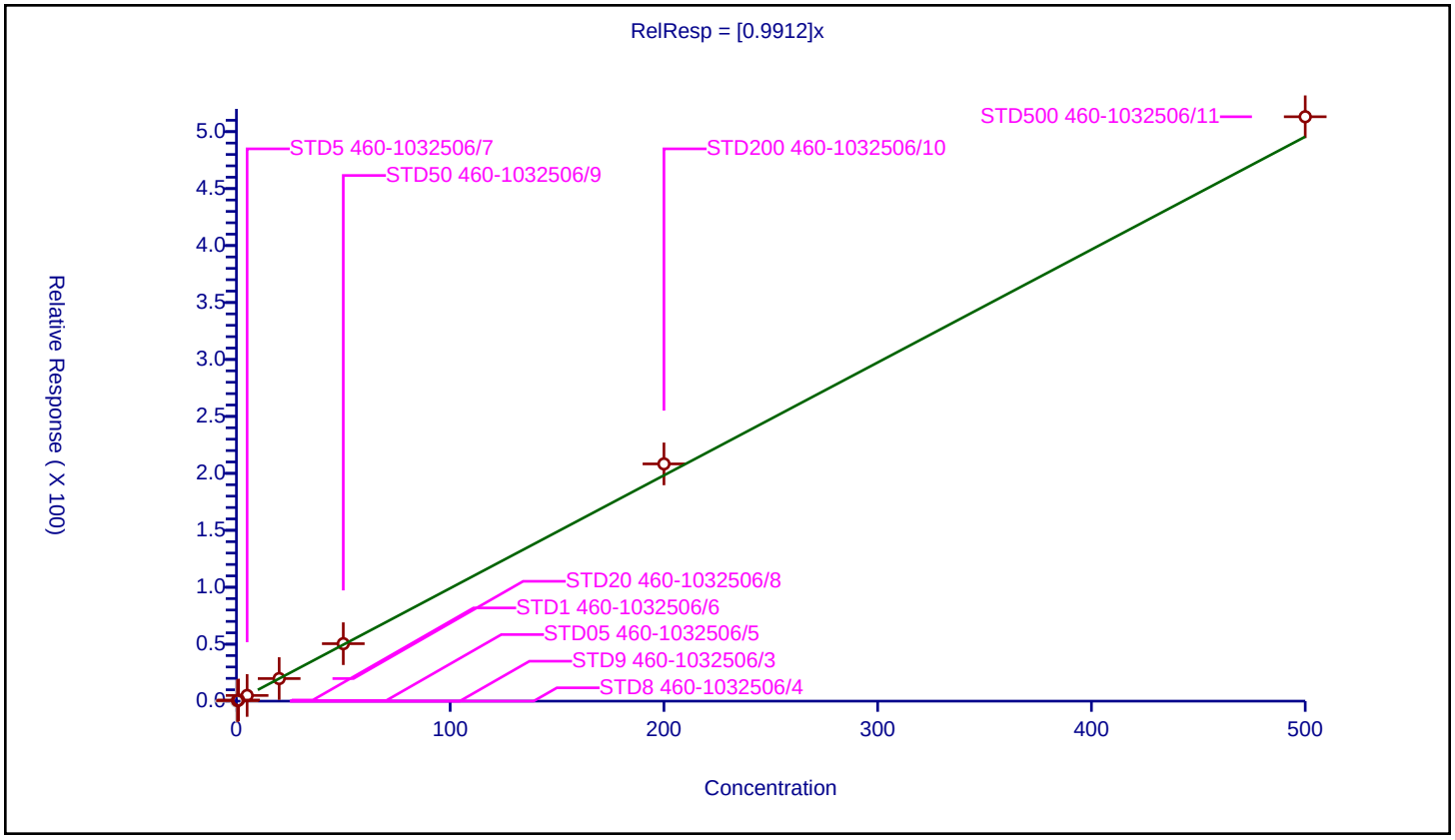
Curve Coefficients

Intercept:	0
Slope:	0.9912

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.453309	50.0	479143.0	0.906619	Y
4	STD1 460-1032506/6	1.0	0.965991	50.0	474021.0	0.965991	Y
5	STD5 460-1032506/7	5.0	4.990194	50.0	476725.0	0.998039	Y
6	STD20 460-1032506/8	20.0	19.820925	50.0	470586.0	0.991046	Y
7	STD50 460-1032506/9	50.0	50.442706	50.0	477631.0	1.008854	Y
8	STD200 460-1032506/10	200.0	208.310071	50.0	486115.0	1.04155	Y
9	STD500 460-1032506/11	500.0	513.090821	50.0	539546.0	1.026182	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

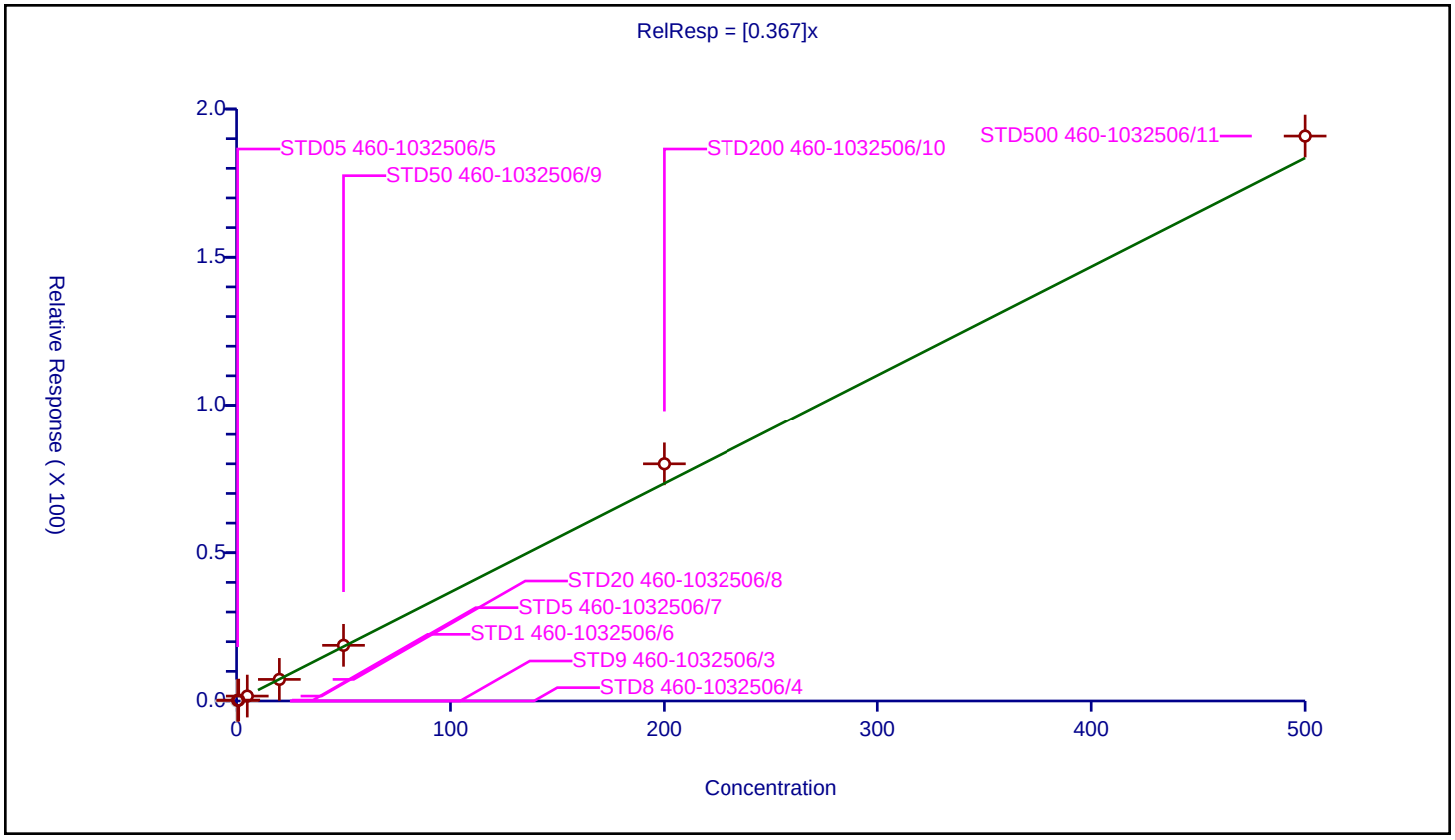
Curve Coefficients

Intercept:	0
Slope:	0.367

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.207558	50.0	479143.0	0.415116	Y
4	STD1 460-1032506/6	1.0	0.29967	50.0	474021.0	0.29967	Y
5	STD5 460-1032506/7	5.0	1.663433	50.0	476725.0	0.332687	Y
6	STD20 460-1032506/8	20.0	7.282197	50.0	470586.0	0.36411	Y
7	STD50 460-1032506/9	50.0	18.774535	50.0	477631.0	0.375491	Y
8	STD200 460-1032506/10	200.0	79.9964	50.0	486115.0	0.399982	Y
9	STD500 460-1032506/11	500.0	190.882056	50.0	539546.0	0.381764	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

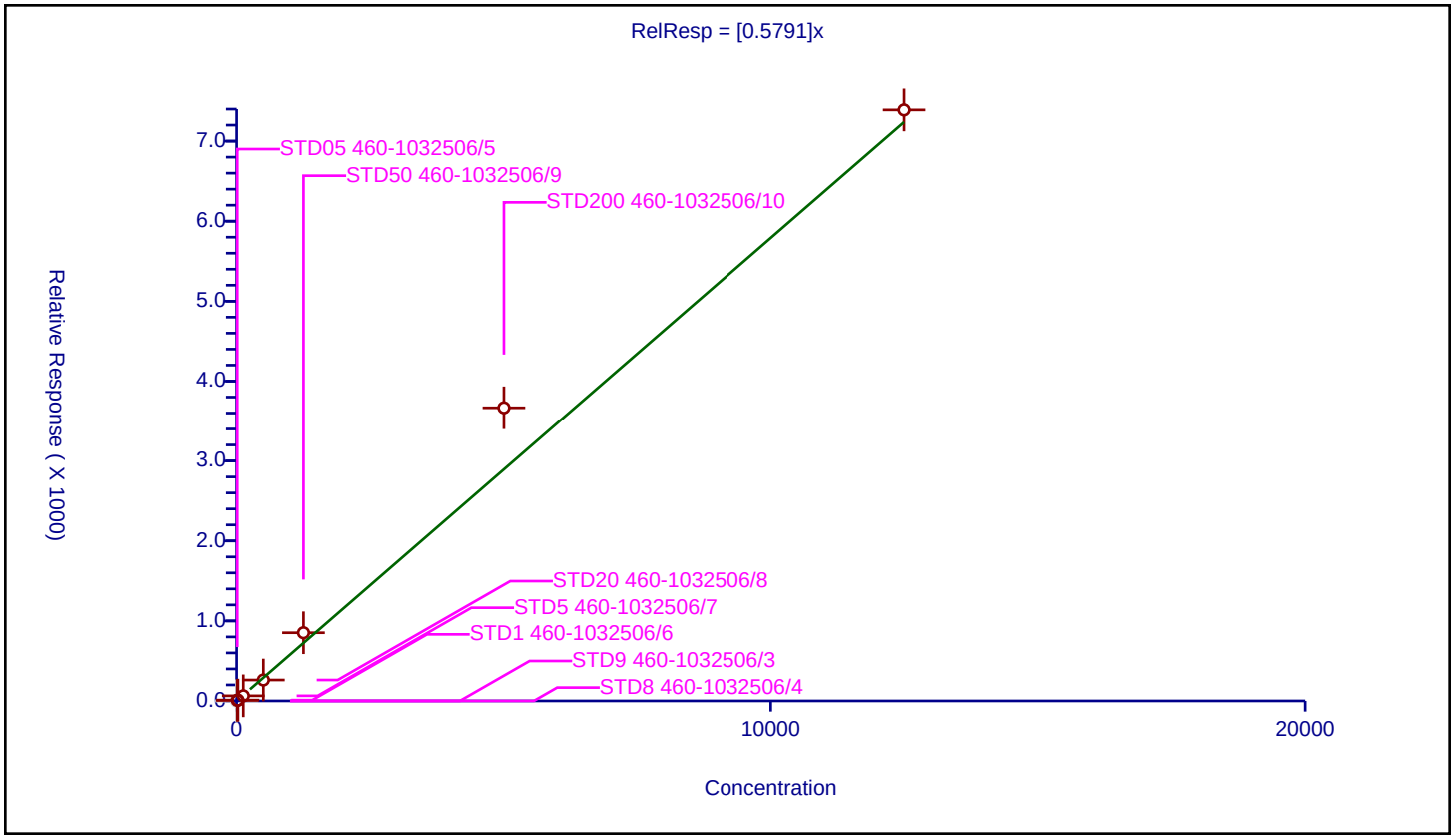
Curve Coefficients

Intercept:	0
Slope:	0.5791

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	205971.0	NaN	N
2	STD9 460-1032506/3	5.0	0.0	1000.0	202027.0	0.0	N
3	STD05 460-1032506/5	12.5	7.512944	1000.0	187543.0	0.601035	Y
4	STD1 460-1032506/6	25.0	10.355862	1000.0	202494.0	0.414234	Y
5	STD5 460-1032506/7	125.0	63.640703	1000.0	192754.0	0.509126	Y
6	STD20 460-1032506/8	500.0	261.414144	1000.0	166942.0	0.522828	Y
7	STD50 460-1032506/9	1250.0	852.240708	1000.0	145155.0	0.681793	Y
8	STD200 460-1032506/10	5000.0	3666.204462	1000.0	142794.0	0.733241	Y
9	STD500 460-1032506/11	12500.0	7389.532699	1000.0	204943.0	0.591163	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

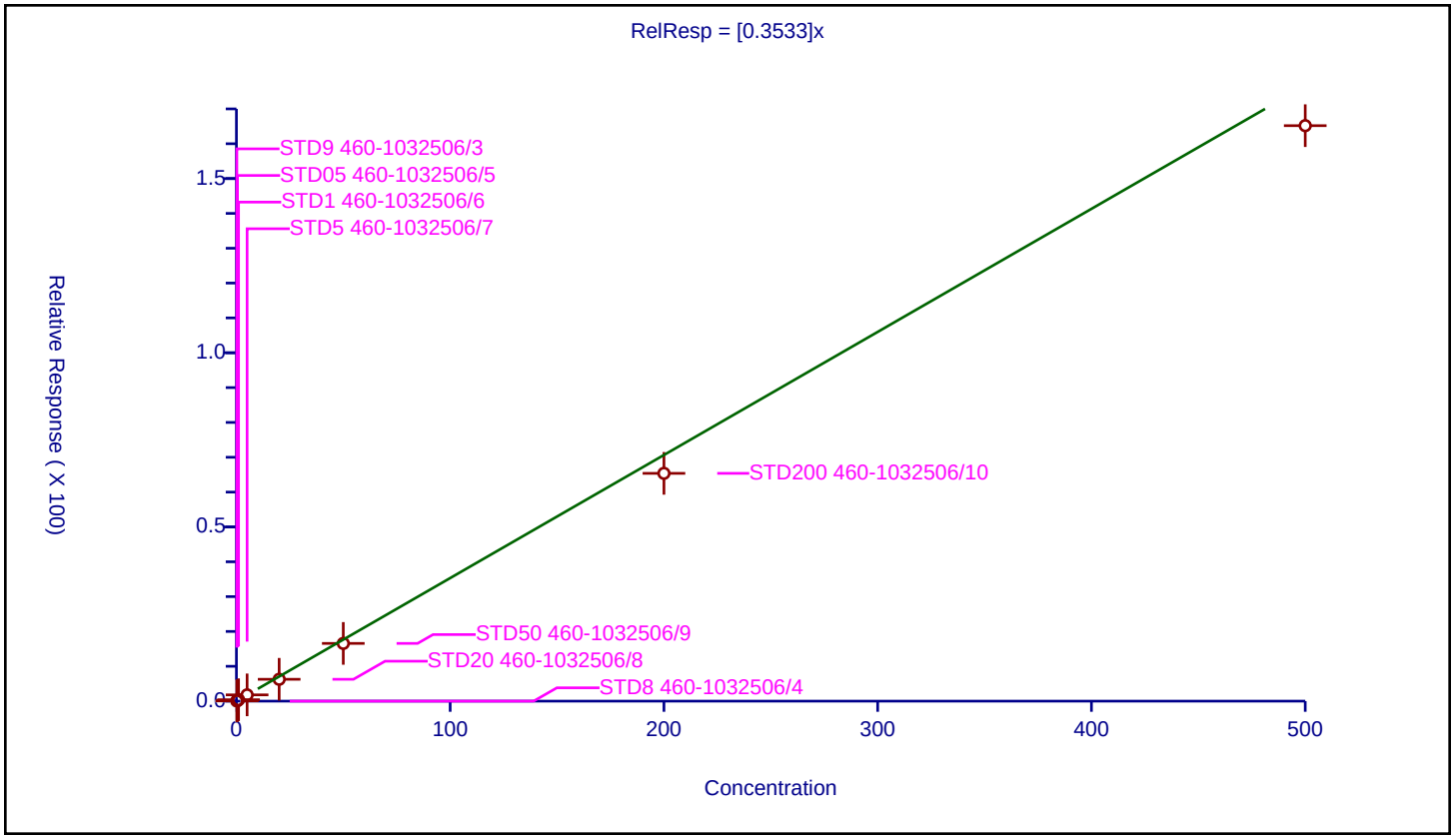
Curve Coefficients

Intercept:	0
Slope:	0.3533

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.080334	50.0	495430.0	0.401671	Y
3	STD05 460-1032506/5	0.5	0.180948	50.0	479143.0	0.361896	Y
4	STD1 460-1032506/6	1.0	0.400826	50.0	474021.0	0.400826	Y
5	STD5 460-1032506/7	5.0	1.797787	50.0	476725.0	0.359557	Y
6	STD20 460-1032506/8	20.0	6.271224	50.0	470586.0	0.313561	Y
7	STD50 460-1032506/9	50.0	16.571056	50.0	477631.0	0.331421	Y
8	STD200 460-1032506/10	200.0	65.385454	50.0	486115.0	0.326927	Y
9	STD500 460-1032506/11	500.0	165.180077	50.0	539546.0	0.33036	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

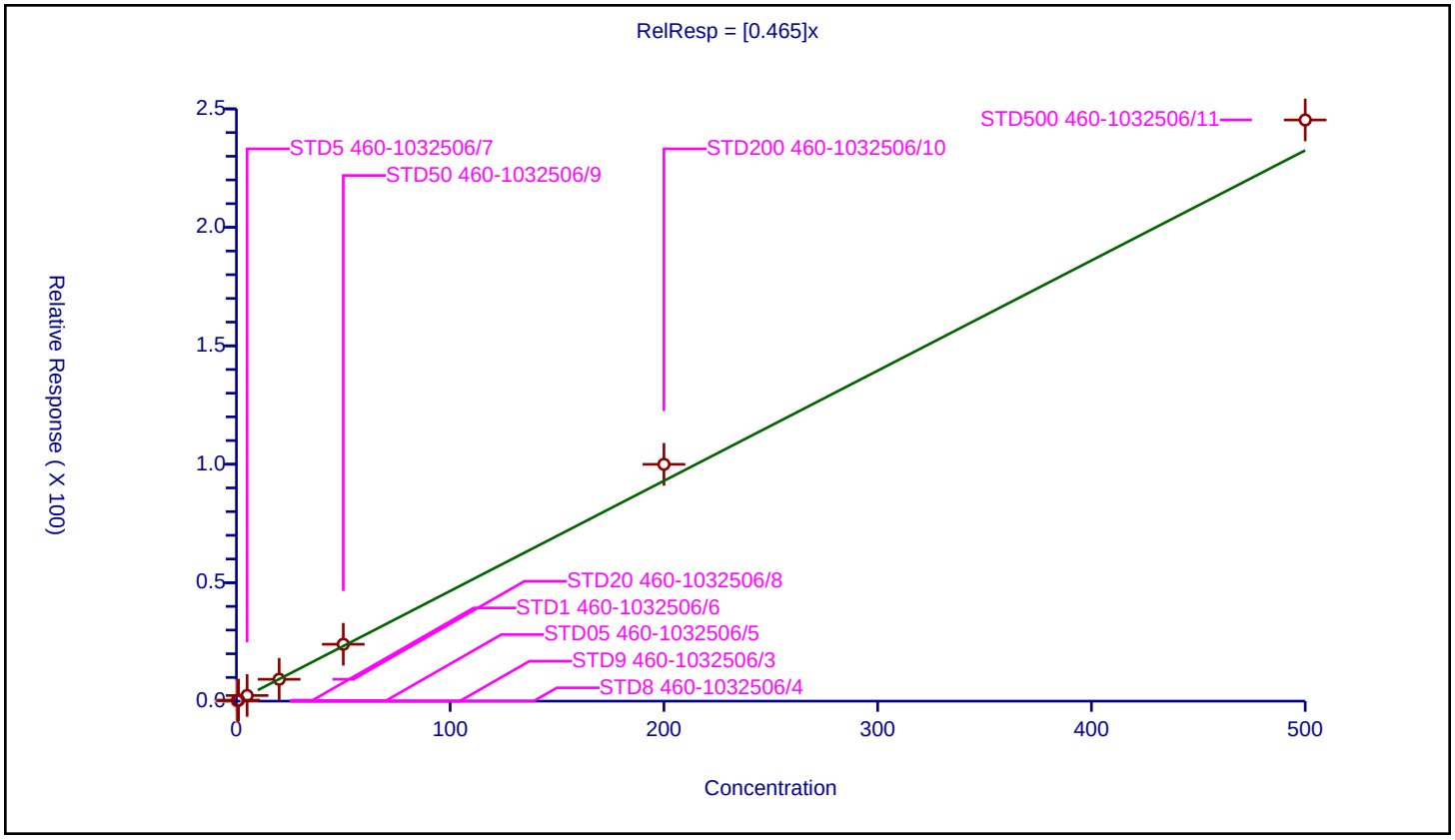
Curve Coefficients

Intercept:	0
Slope:	0.465

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.209541	50.0	479143.0	0.419082	Y
4	STD1 460-1032506/6	1.0	0.428884	50.0	474021.0	0.428884	Y
5	STD5 460-1032506/7	5.0	2.376842	50.0	476725.0	0.475368	Y
6	STD20 460-1032506/8	20.0	9.220419	50.0	470586.0	0.461021	Y
7	STD50 460-1032506/9	50.0	24.005665	50.0	477631.0	0.480113	Y
8	STD200 460-1032506/10	200.0	99.967497	50.0	486115.0	0.499837	Y
9	STD500 460-1032506/11	500.0	245.322549	50.0	539546.0	0.490645	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

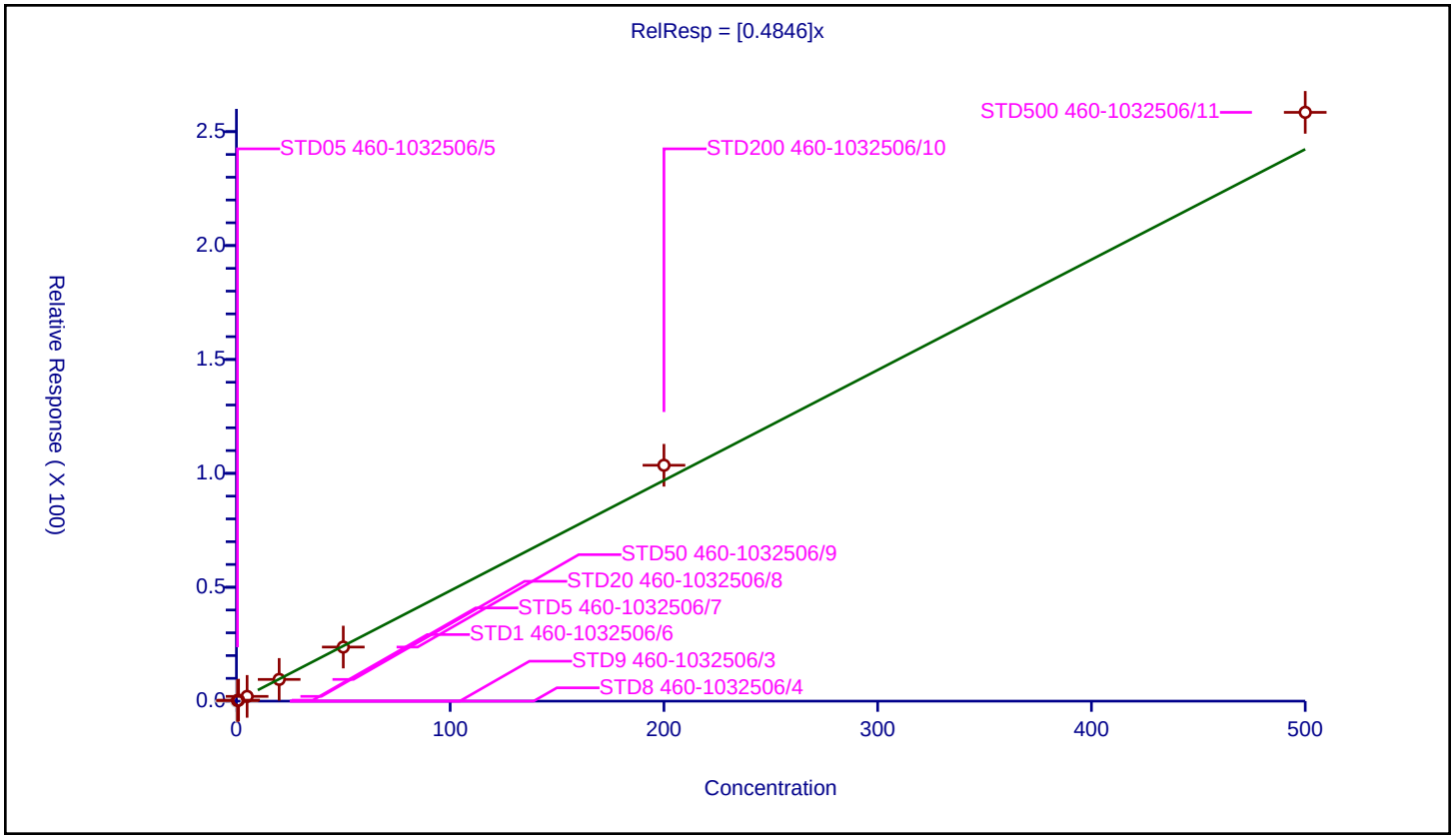
Curve Coefficients

Intercept:	0
Slope:	0.4846

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.279666	50.0	479143.0	0.559332	Y
4	STD1 460-1032506/6	1.0	0.42804	50.0	474021.0	0.42804	Y
5	STD5 460-1032506/7	5.0	2.091248	50.0	476725.0	0.41825	Y
6	STD20 460-1032506/8	20.0	9.536089	50.0	470586.0	0.476804	Y
7	STD50 460-1032506/9	50.0	23.742387	50.0	477631.0	0.474848	Y
8	STD200 460-1032506/10	200.0	103.55276	50.0	486115.0	0.517764	Y
9	STD500 460-1032506/11	500.0	258.484448	50.0	539546.0	0.516969	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

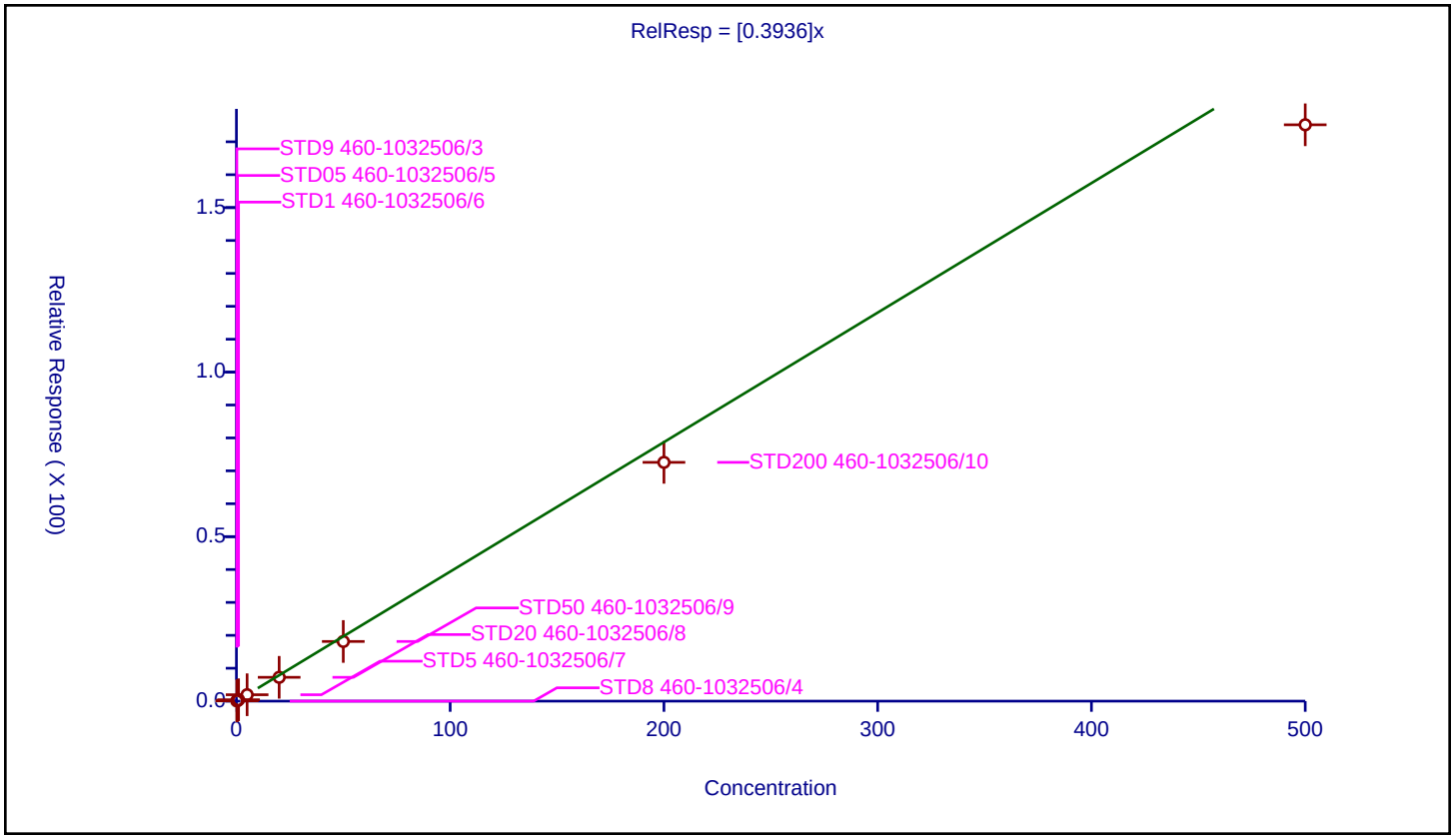
Curve Coefficients

Intercept:	0
Slope:	0.3936

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.102335	50.0	495430.0	0.511677	Y
3	STD05 460-1032506/5	0.5	0.198584	50.0	479143.0	0.397167	Y
4	STD1 460-1032506/6	1.0	0.413589	50.0	474021.0	0.413589	Y
5	STD5 460-1032506/7	5.0	1.943259	50.0	476725.0	0.388652	Y
6	STD20 460-1032506/8	20.0	7.237572	50.0	470586.0	0.361879	Y
7	STD50 460-1032506/9	50.0	18.134397	50.0	477631.0	0.362688	Y
8	STD200 460-1032506/10	200.0	72.571099	50.0	486115.0	0.362855	Y
9	STD500 460-1032506/11	500.0	175.165139	50.0	539546.0	0.35033	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

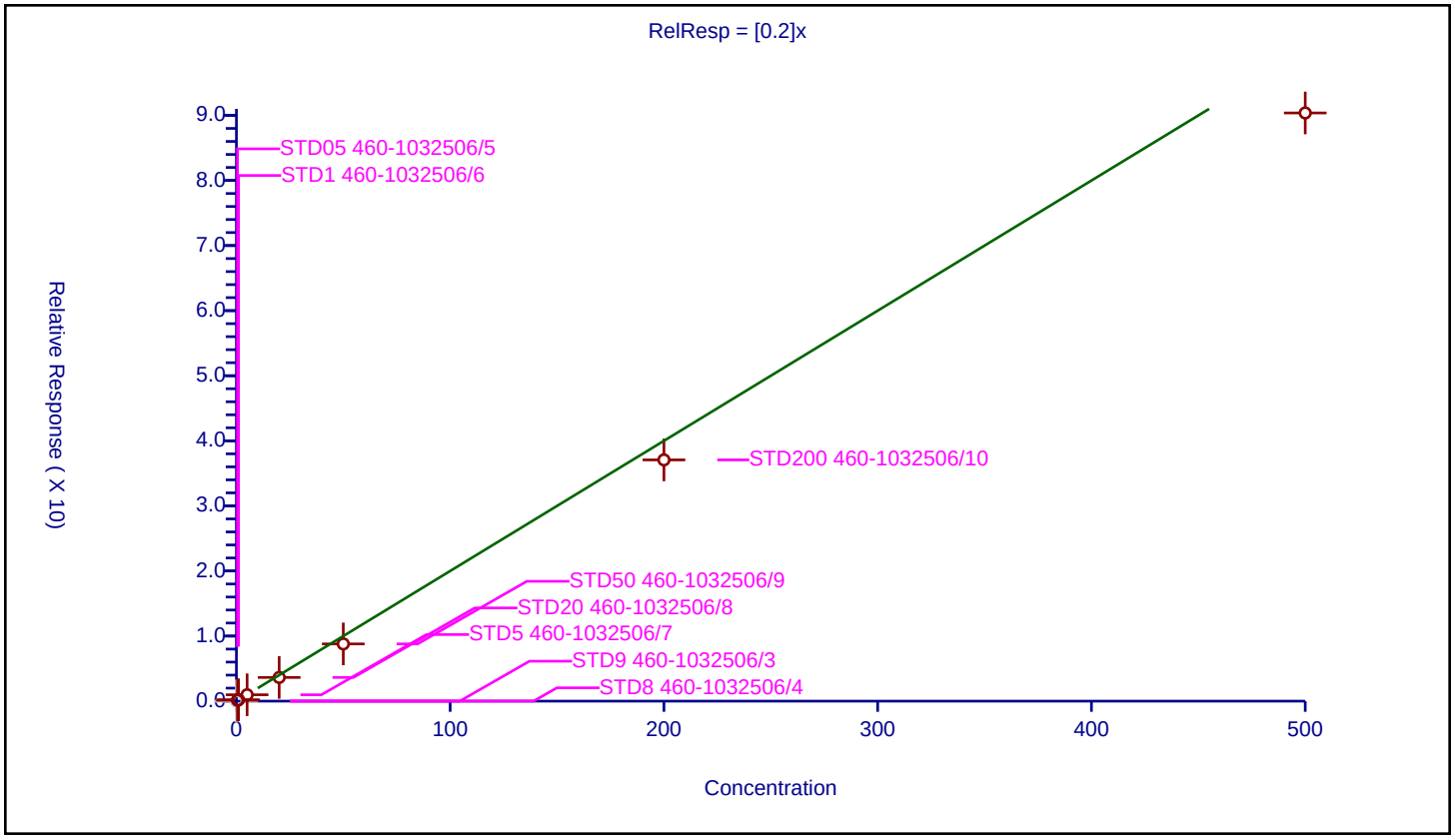
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.134824	50.0	479143.0	0.269648	Y
4	STD1 460-1032506/6	1.0	0.210434	50.0	474021.0	0.210434	Y
5	STD5 460-1032506/7	5.0	0.979705	50.0	476725.0	0.195941	Y
6	STD20 460-1032506/8	20.0	3.63823	50.0	470586.0	0.181911	Y
7	STD50 460-1032506/9	50.0	8.792666	50.0	477631.0	0.175853	Y
8	STD200 460-1032506/10	200.0	37.068081	50.0	486115.0	0.18534	Y
9	STD500 460-1032506/11	500.0	90.373481	50.0	539546.0	0.180747	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

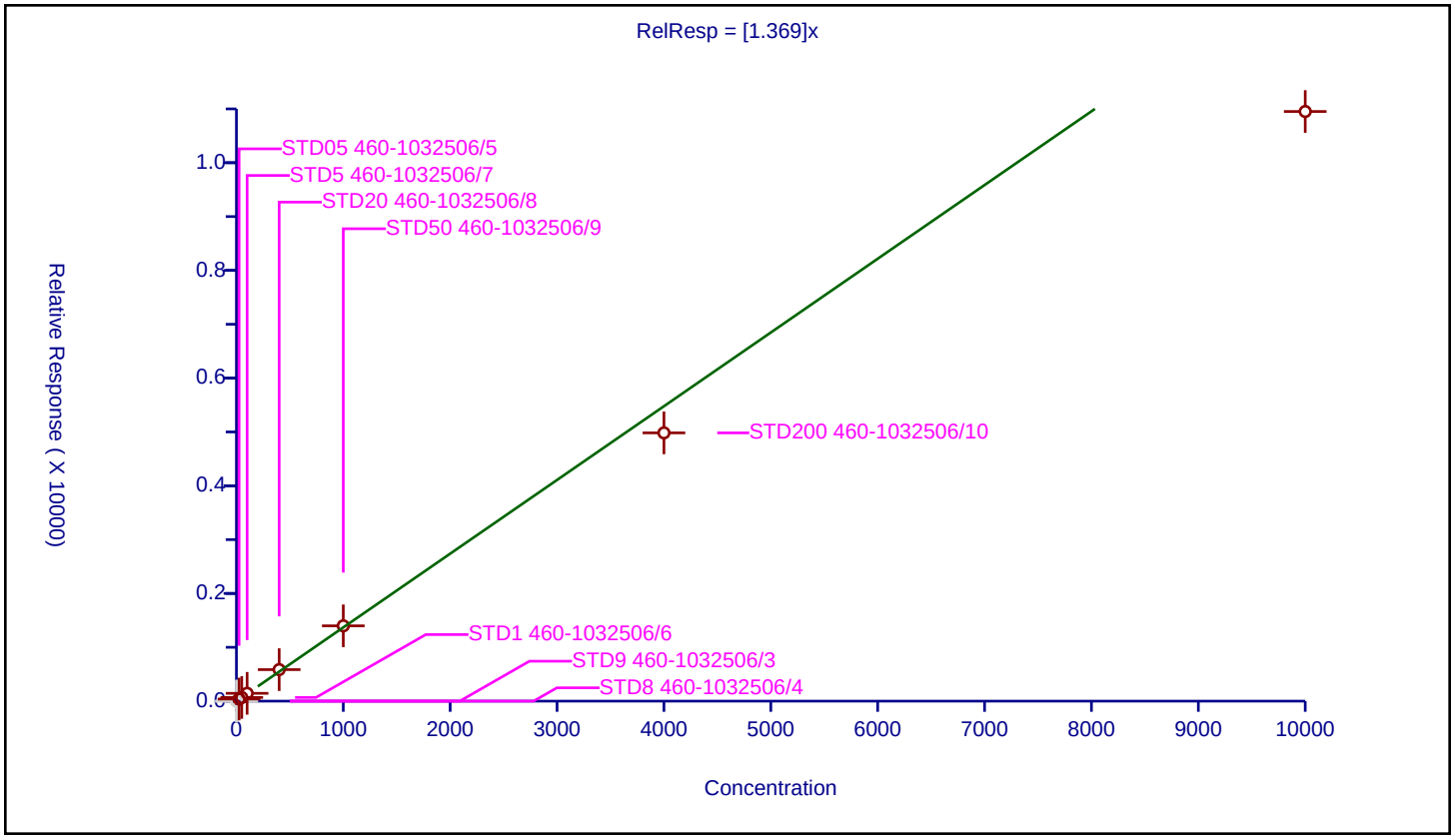
Curve Coefficients

Intercept:	0
Slope:	1.369

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	1000.0	28861.0	NaN	N
2	STD9 460-1032506/3	4.0	0.0	1000.0	28762.0	0.0	N
3	STD05 460-1032506/5	25.0	39.340332	1000.0	27529.0	1.573613	Y
4	STD1 460-1032506/6	50.0	67.823908	1000.0	27940.0	1.356478	Y
5	STD5 460-1032506/7	100.0	145.211519	1000.0	28579.0	1.452115	Y
6	STD20 460-1032506/8	400.0	585.664707	1000.0	28238.0	1.464162	Y
7	STD50 460-1032506/9	1000.0	1398.505604	1000.0	29711.0	1.398506	Y
8	STD200 460-1032506/10	4000.0	4982.9116	1000.0	33473.0	1.245728	Y
9	STD500 460-1032506/11	10000.0	10951.390373	1000.0	42111.0	1.095139	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

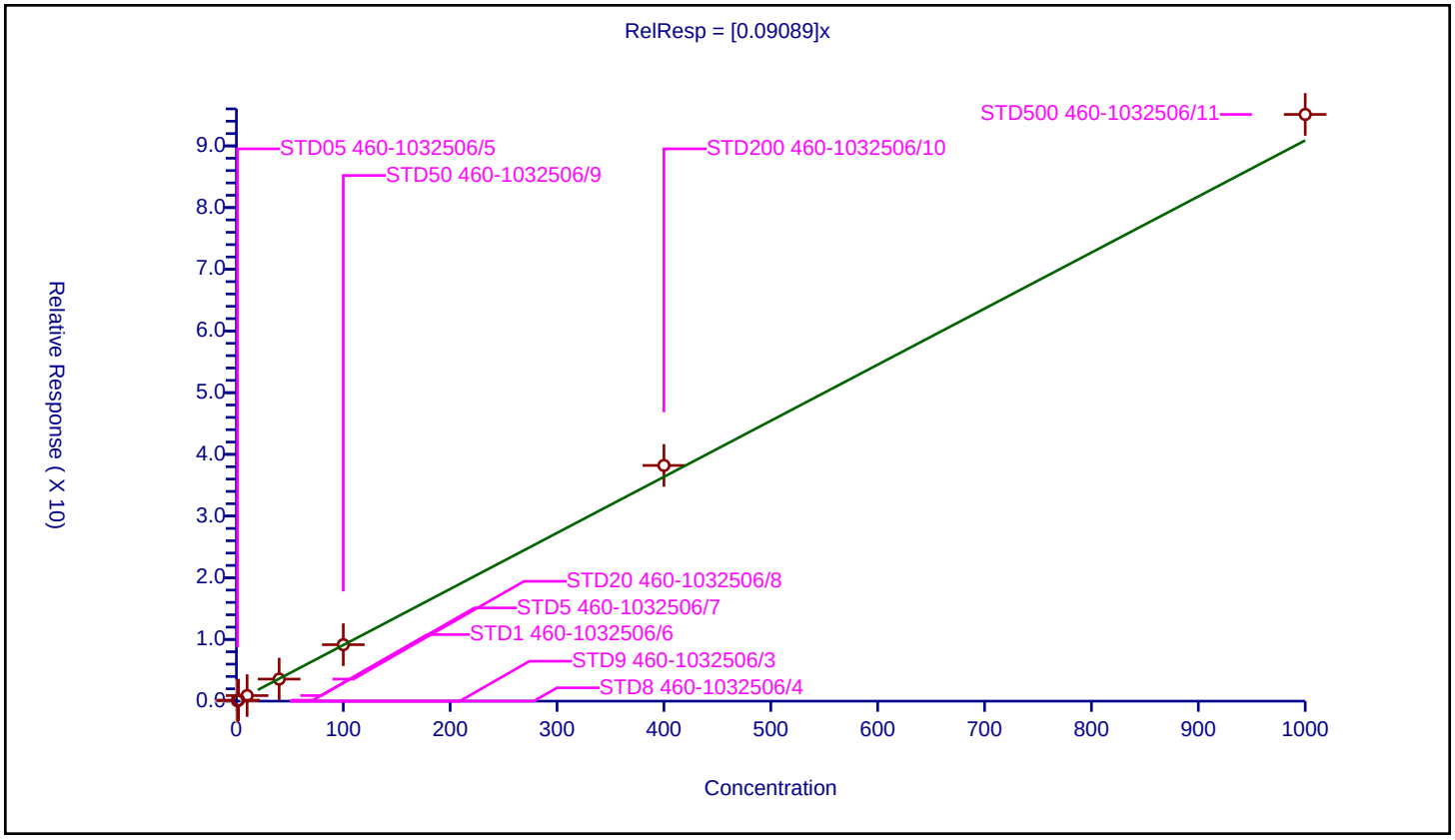
Curve Coefficients

Intercept:	0
Slope:	0.09089

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	1.0	0.093396	50.0	479143.0	0.093396	Y
4	STD1 460-1032506/6	2.0	0.162335	50.0	474021.0	0.081167	Y
5	STD5 460-1032506/7	10.0	0.901044	50.0	476725.0	0.090104	Y
6	STD20 460-1032506/8	40.0	3.578092	50.0	470586.0	0.089452	Y
7	STD50 460-1032506/9	100.0	9.151311	50.0	477631.0	0.091513	Y
8	STD200 460-1032506/10	400.0	38.206186	50.0	486115.0	0.095515	Y
9	STD500 460-1032506/11	1000.0	95.101808	50.0	539546.0	0.095102	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

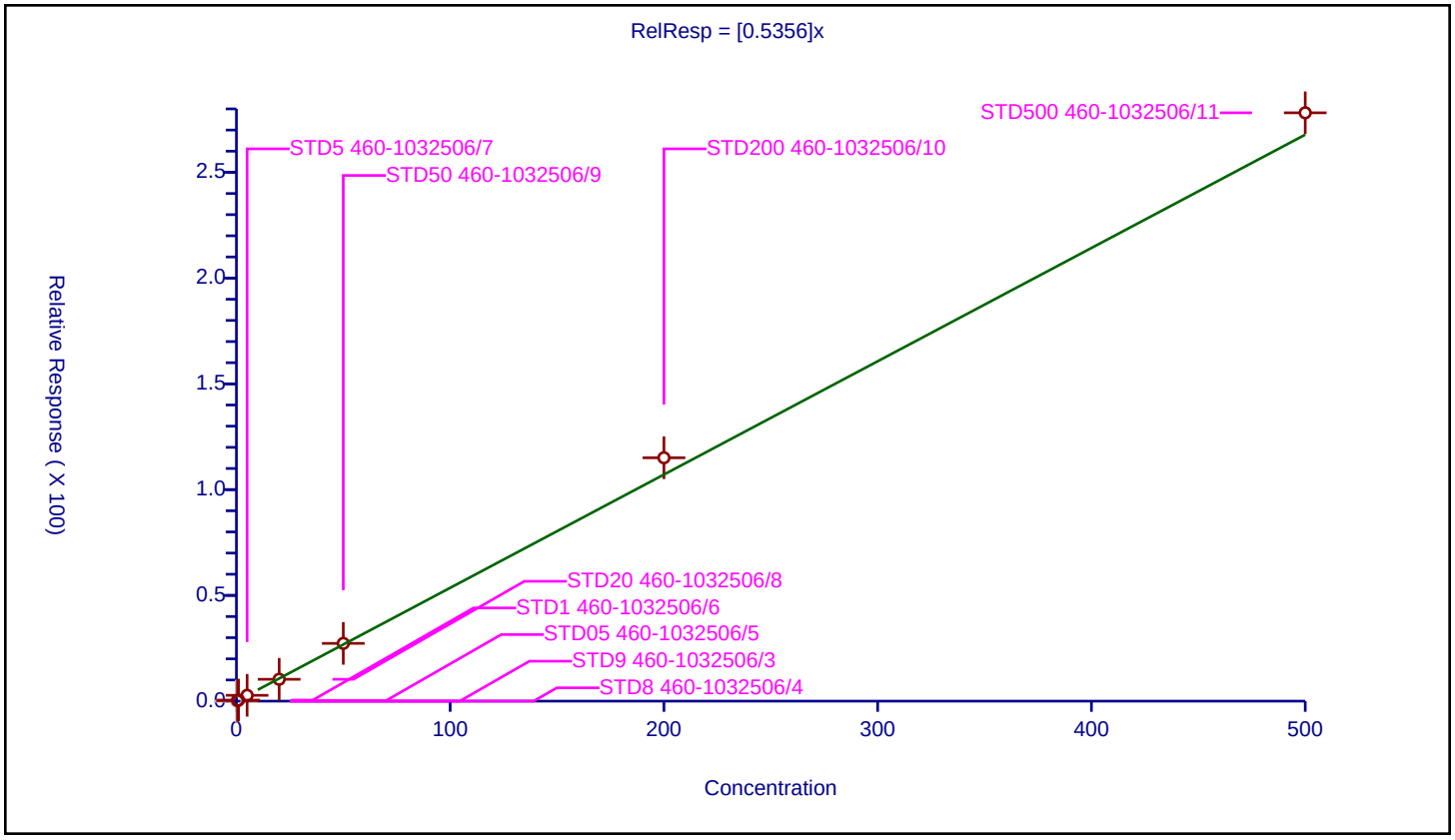
Curve Coefficients

Intercept:	0
Slope:	0.5356

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5	0.253369	50.0	479143.0	0.506738	Y
4	STD1 460-1032506/6	1.0	0.497763	50.0	474021.0	0.497763	Y
5	STD5 460-1032506/7	5.0	2.750852	50.0	476725.0	0.55017	Y
6	STD20 460-1032506/8	20.0	10.336899	50.0	470586.0	0.516845	Y
7	STD50 460-1032506/9	50.0	27.309052	50.0	477631.0	0.546181	Y
8	STD200 460-1032506/10	200.0	115.058577	50.0	486115.0	0.575293	Y
9	STD500 460-1032506/11	500.0	278.150519	50.0	539546.0	0.556301	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

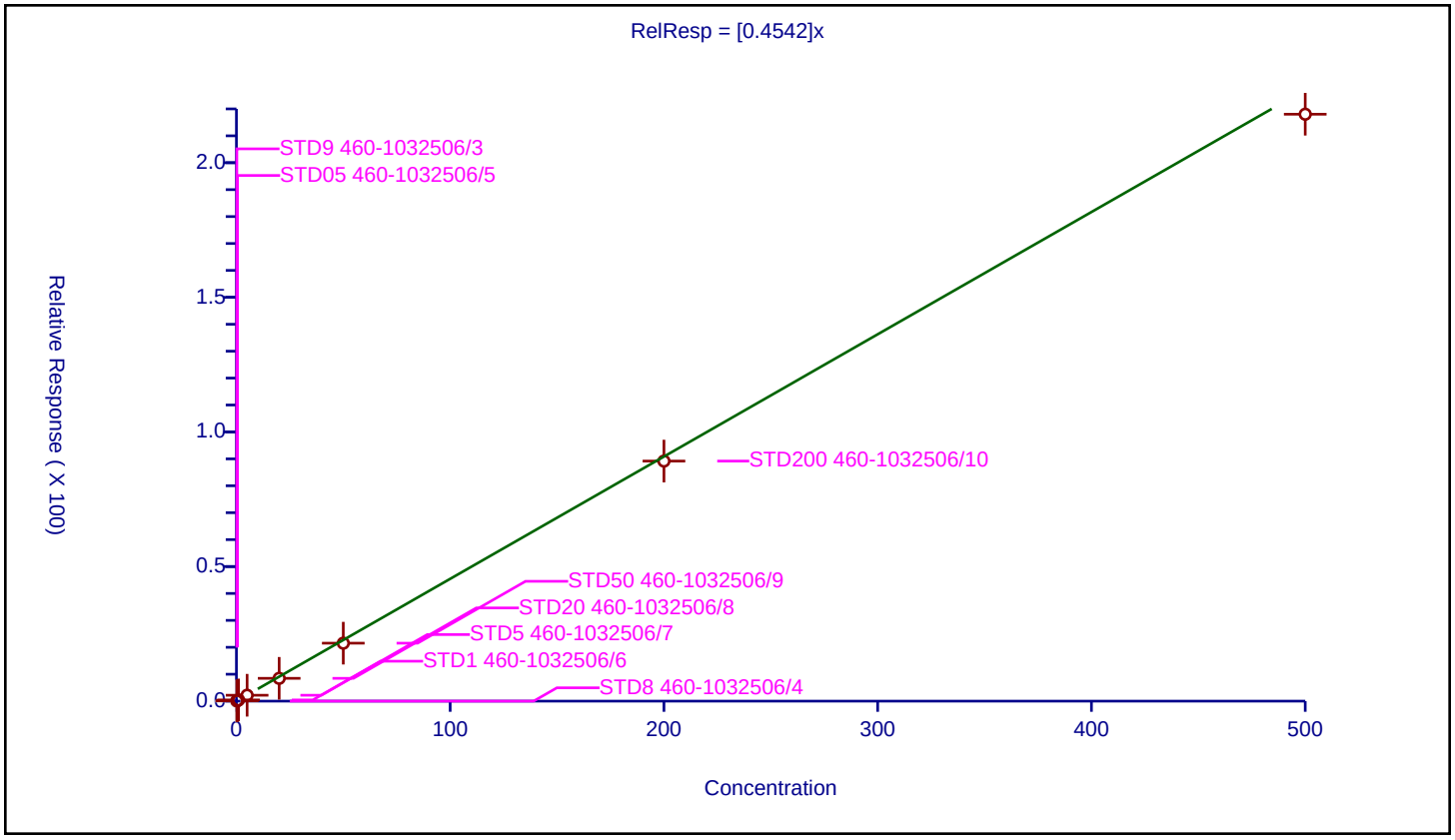
Curve Coefficients

Intercept:	0
Slope:	0.4542

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.2	0.112327	50.0	495430.0	0.561633	Y
3	STD05 460-1032506/5	0.5	0.228637	50.0	479143.0	0.457275	Y
4	STD1 460-1032506/6	1.0	0.441225	50.0	474021.0	0.441225	Y
5	STD5 460-1032506/7	5.0	2.188264	50.0	476725.0	0.437653	Y
6	STD20 460-1032506/8	20.0	8.470503	50.0	470586.0	0.423525	Y
7	STD50 460-1032506/9	50.0	21.531056	50.0	477631.0	0.430621	Y
8	STD200 460-1032506/10	200.0	89.173858	50.0	486115.0	0.445869	Y
9	STD500 460-1032506/11	500.0	218.016536	50.0	539546.0	0.436033	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

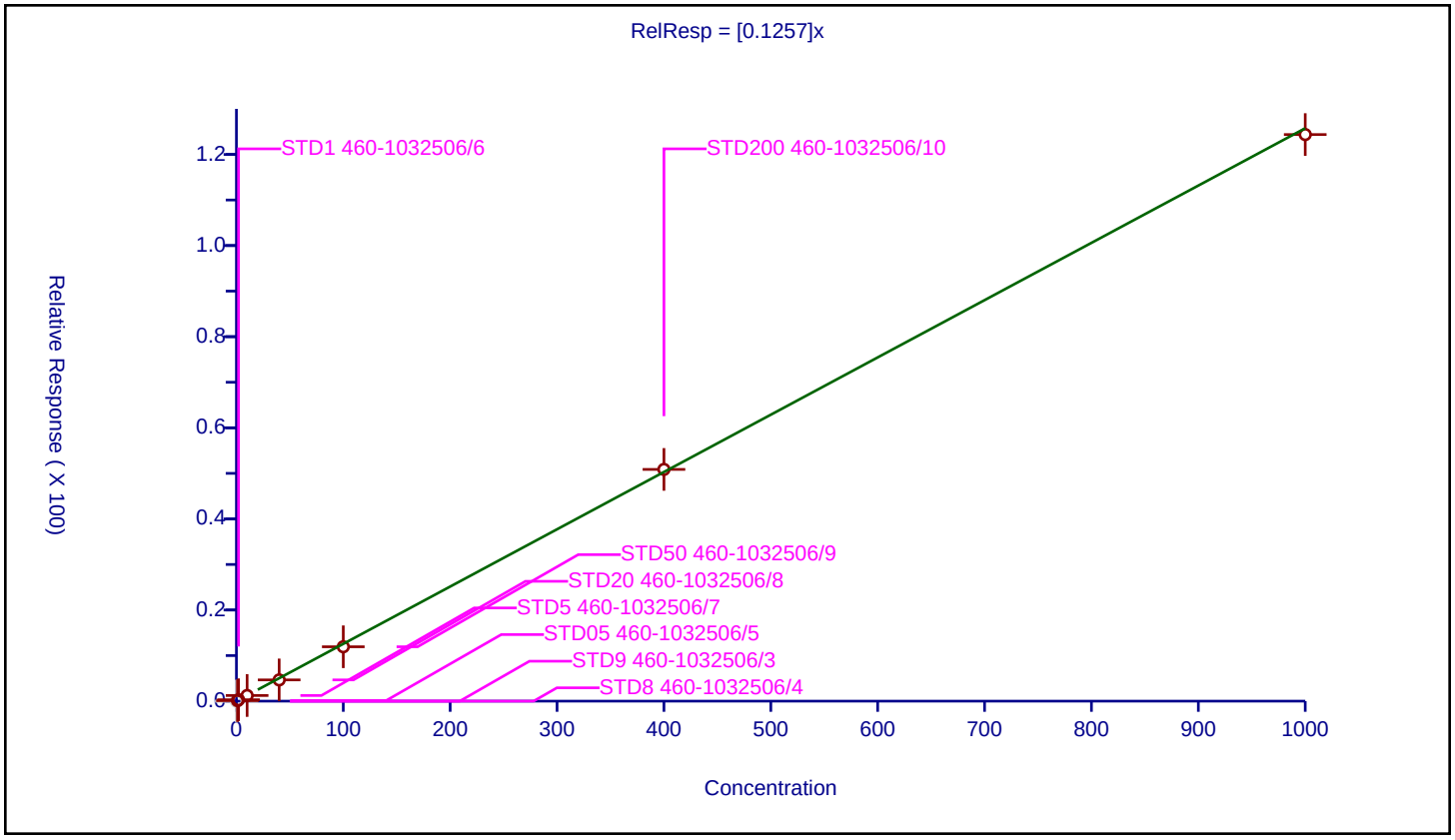
Curve Coefficients

Intercept:	0
Slope:	0.1257

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.4	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	1.0	0.116145	50.0	479143.0	0.116145	Y
4	STD1 460-1032506/6	2.0	0.305683	50.0	474021.0	0.152841	Y
5	STD5 460-1032506/7	10.0	1.237821	50.0	476725.0	0.123782	Y
6	STD20 460-1032506/8	40.0	4.661953	50.0	470586.0	0.116549	Y
7	STD50 460-1032506/9	100.0	11.935783	50.0	477631.0	0.119358	Y
8	STD200 460-1032506/10	400.0	50.865639	50.0	486115.0	0.127164	Y
9	STD500 460-1032506/11	1000.0	124.363817	50.0	539546.0	0.124364	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

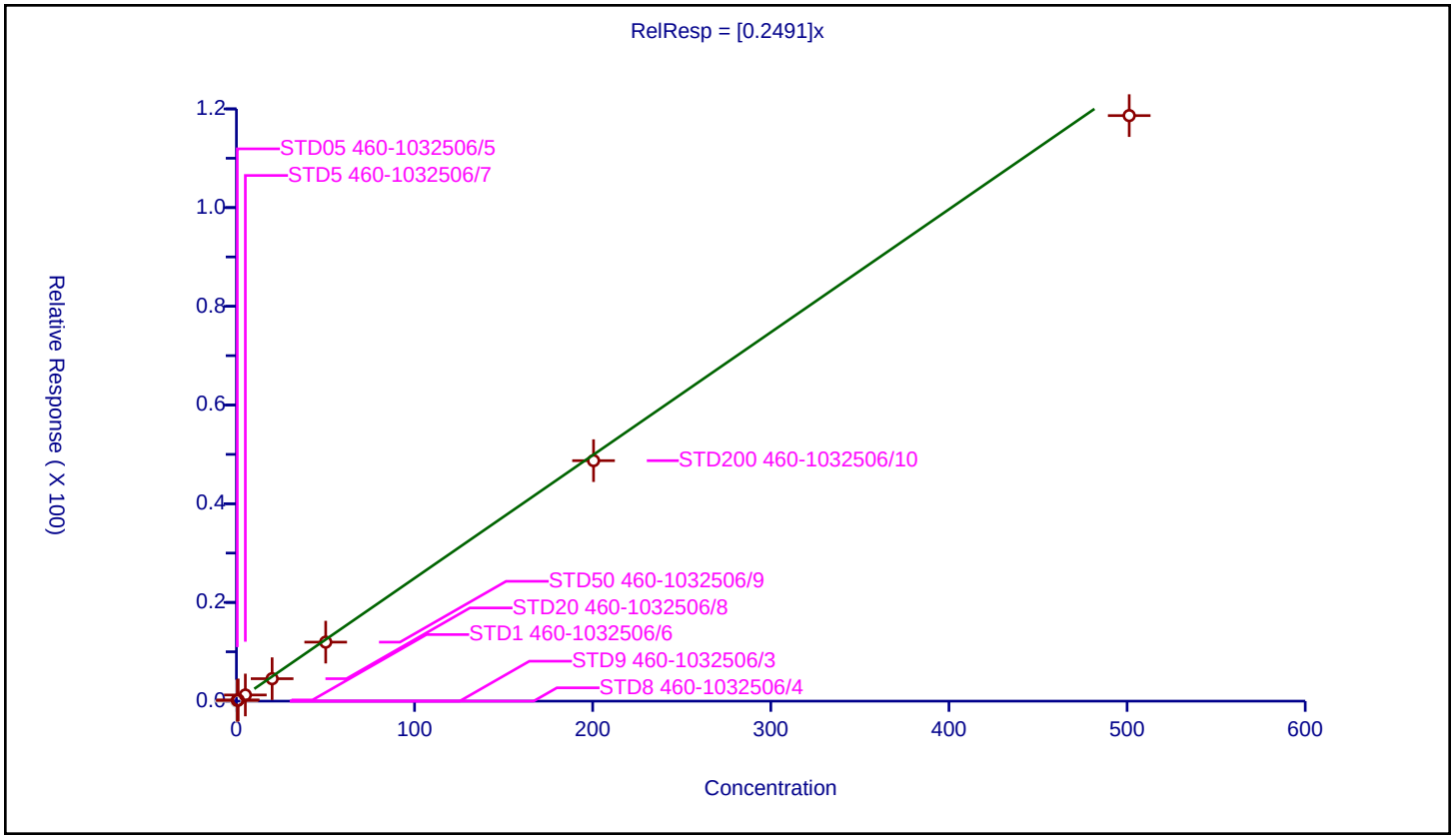
Curve Coefficients

Intercept:	0
Slope:	0.2491

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	487734.0	NaN	N
2	STD9 460-1032506/3	0.20048	0.0	50.0	495430.0	0.0	N
3	STD05 460-1032506/5	0.5012	0.155382	50.0	479143.0	0.310019	Y
4	STD1 460-1032506/6	1.0024	0.240179	50.0	474021.0	0.239604	Y
5	STD5 460-1032506/7	5.012	1.248833	50.0	476725.0	0.249169	Y
6	STD20 460-1032506/8	20.048	4.545715	50.0	470586.0	0.226742	Y
7	STD50 460-1032506/9	50.12	11.957871	50.0	477631.0	0.238585	Y
8	STD200 460-1032506/10	200.48	48.726947	50.0	486115.0	0.243051	Y
9	STD500 460-1032506/11	501.2	118.638633	50.0	539546.0	0.236709	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

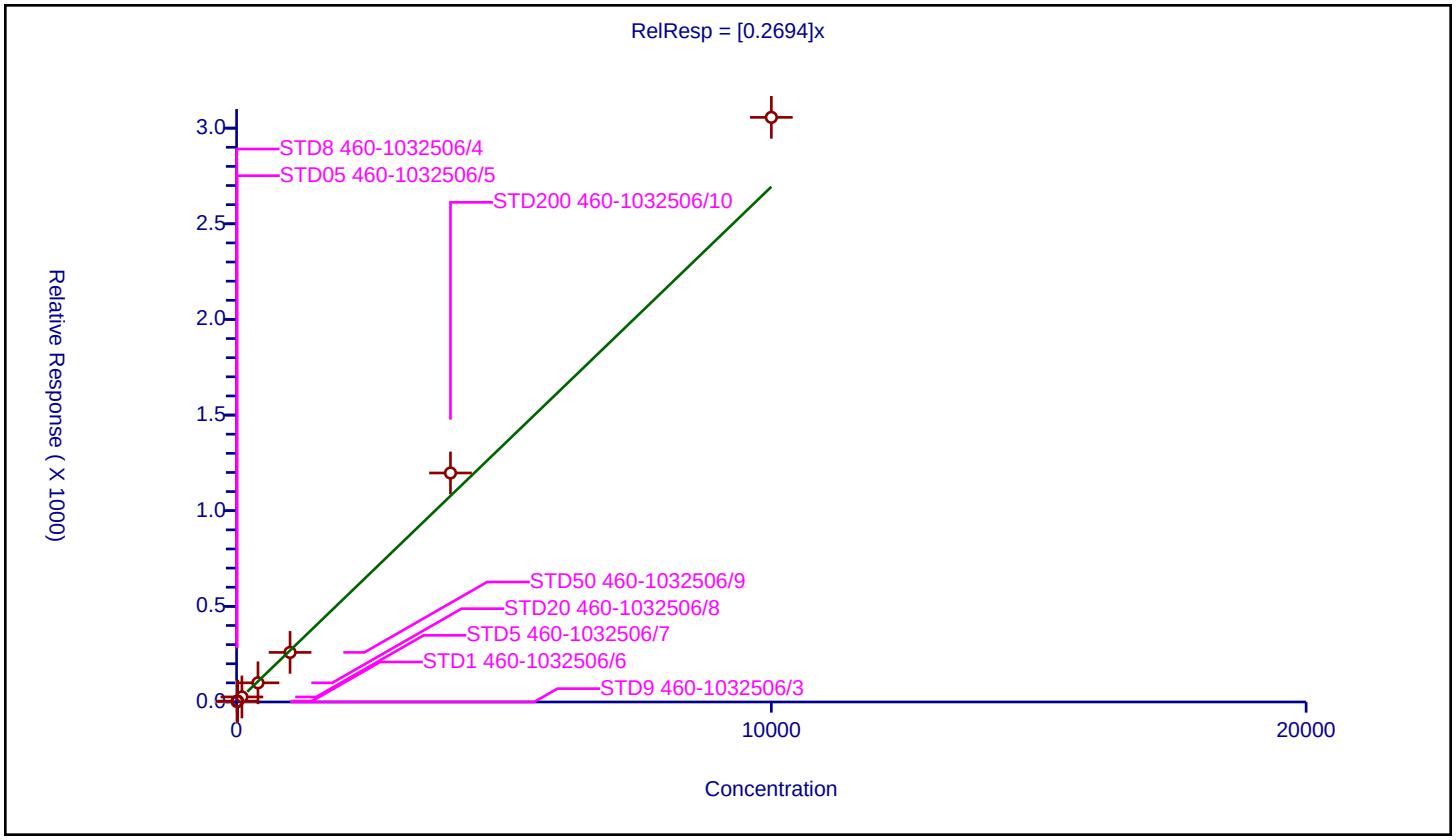
Curve Coefficients

Intercept:	0
Slope:	0.2694

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	4.000007	0.0	250.0	297945.0	0.0	N
2	STD8 460-1032506/4	5.000009	3.053207	250.0	294772.0	0.61064	N
3	STD05 460-1032506/5	10.000017	2.793553	250.0	283152.0	0.279355	Y
4	STD1 460-1032506/6	20.000035	4.559434	250.0	292306.0	0.227971	Y
5	STD5 460-1032506/7	100.000173	26.379042	250.0	285198.0	0.26379	Y
6	STD20 460-1032506/8	400.000692	100.110965	250.0	278918.0	0.250277	Y
7	STD50 460-1032506/9	1000.00173	259.172907	250.0	271070.0	0.259172	Y
8	STD200 460-1032506/10	4000.00692	1197.188848	250.0	270672.0	0.299297	Y
9	STD500 460-1032506/11	10000.0173	3056.354682	250.0	279298.0	0.305635	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

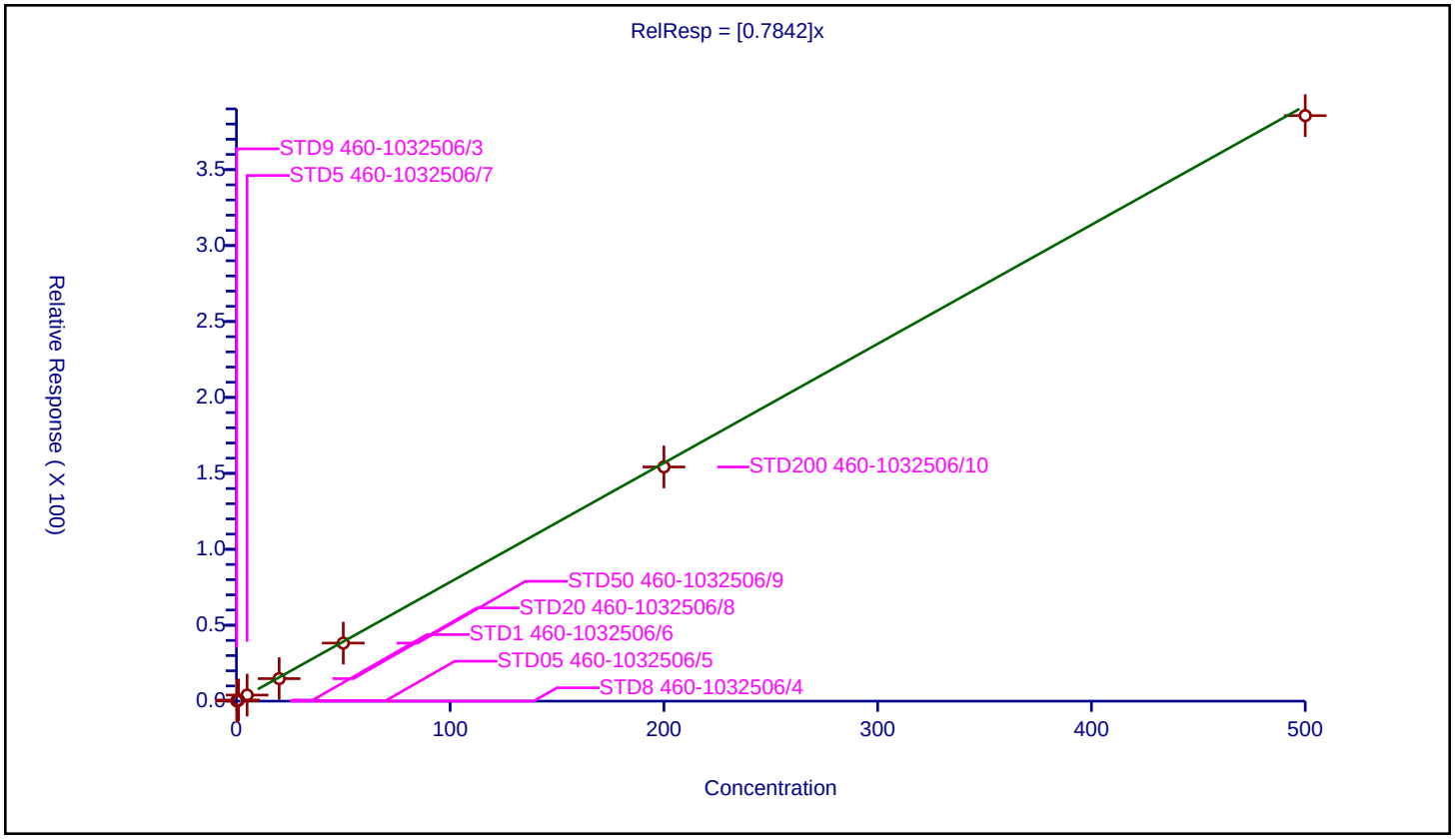
Curve Coefficients

Intercept:	0
Slope:	0.7842

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.1822	50.0	355104.0	0.911001	Y
3	STD05 460-1032506/5	0.5	0.387923	50.0	349554.0	0.775846	Y
4	STD1 460-1032506/6	1.0	0.738164	50.0	344300.0	0.738164	Y
5	STD5 460-1032506/7	5.0	4.000457	50.0	345598.0	0.800091	Y
6	STD20 460-1032506/8	20.0	14.836117	50.0	350860.0	0.741806	Y
7	STD50 460-1032506/9	50.0	38.235817	50.0	360025.0	0.764716	Y
8	STD200 460-1032506/10	200.0	154.215581	50.0	375488.0	0.771078	Y
9	STD500 460-1032506/11	500.0	385.557542	50.0	410086.0	0.771115	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

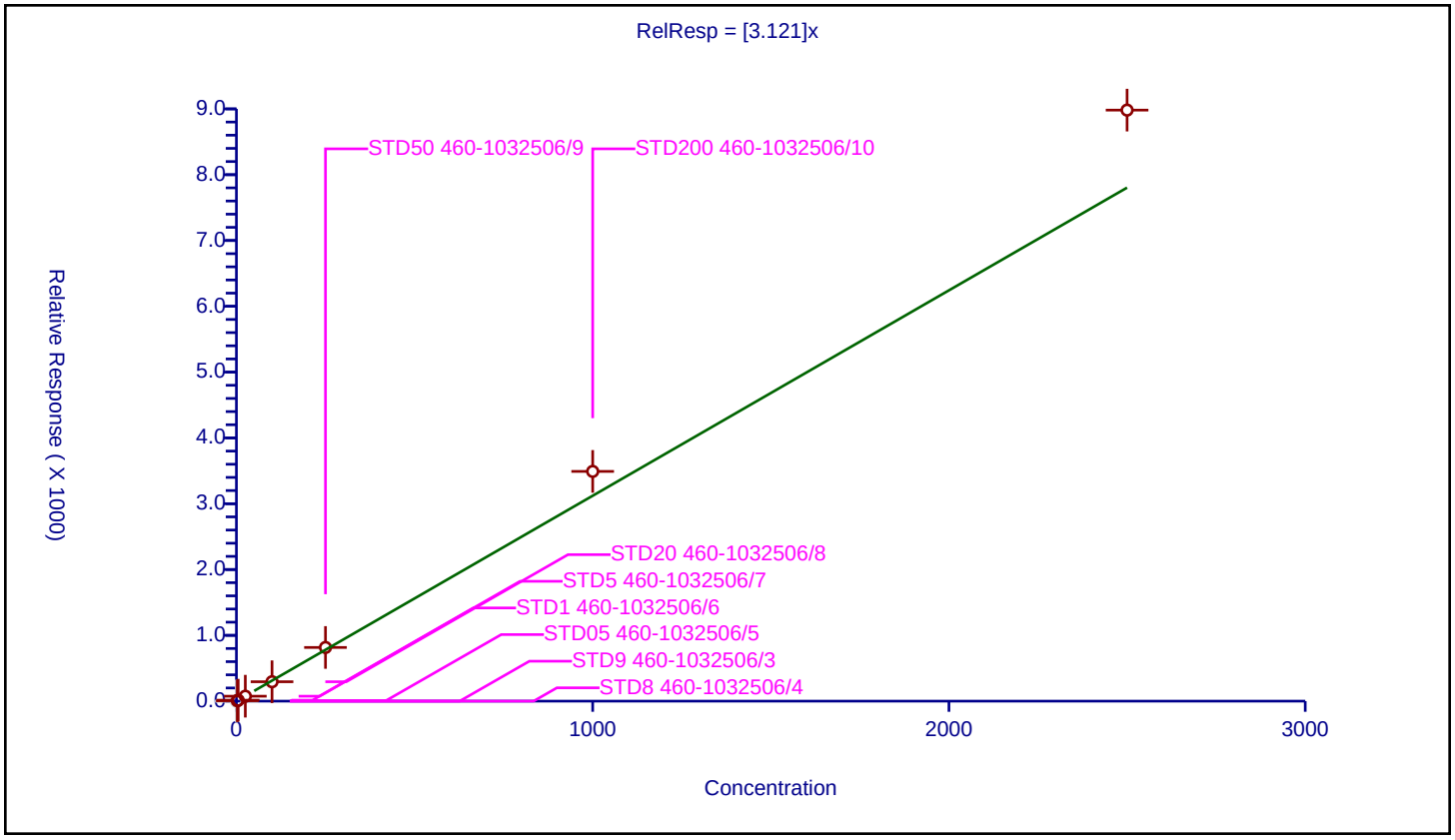
Curve Coefficients

Intercept:	0
Slope:	3.121

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	1.0	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	2.5	6.65367	250.0	283152.0	2.661468	Y
4	STD1 460-1032506/6	5.0	14.424952	250.0	292306.0	2.88499	Y
5	STD5 460-1032506/7	25.0	75.220549	250.0	285198.0	3.008822	Y
6	STD20 460-1032506/8	100.0	294.755986	250.0	278918.0	2.94756	Y
7	STD50 460-1032506/9	250.0	815.657395	250.0	271070.0	3.26263	Y
8	STD200 460-1032506/10	1000.0	3491.070373	250.0	270672.0	3.49107	Y
9	STD500 460-1032506/11	2500.0	8981.210929	250.0	279298.0	3.592484	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

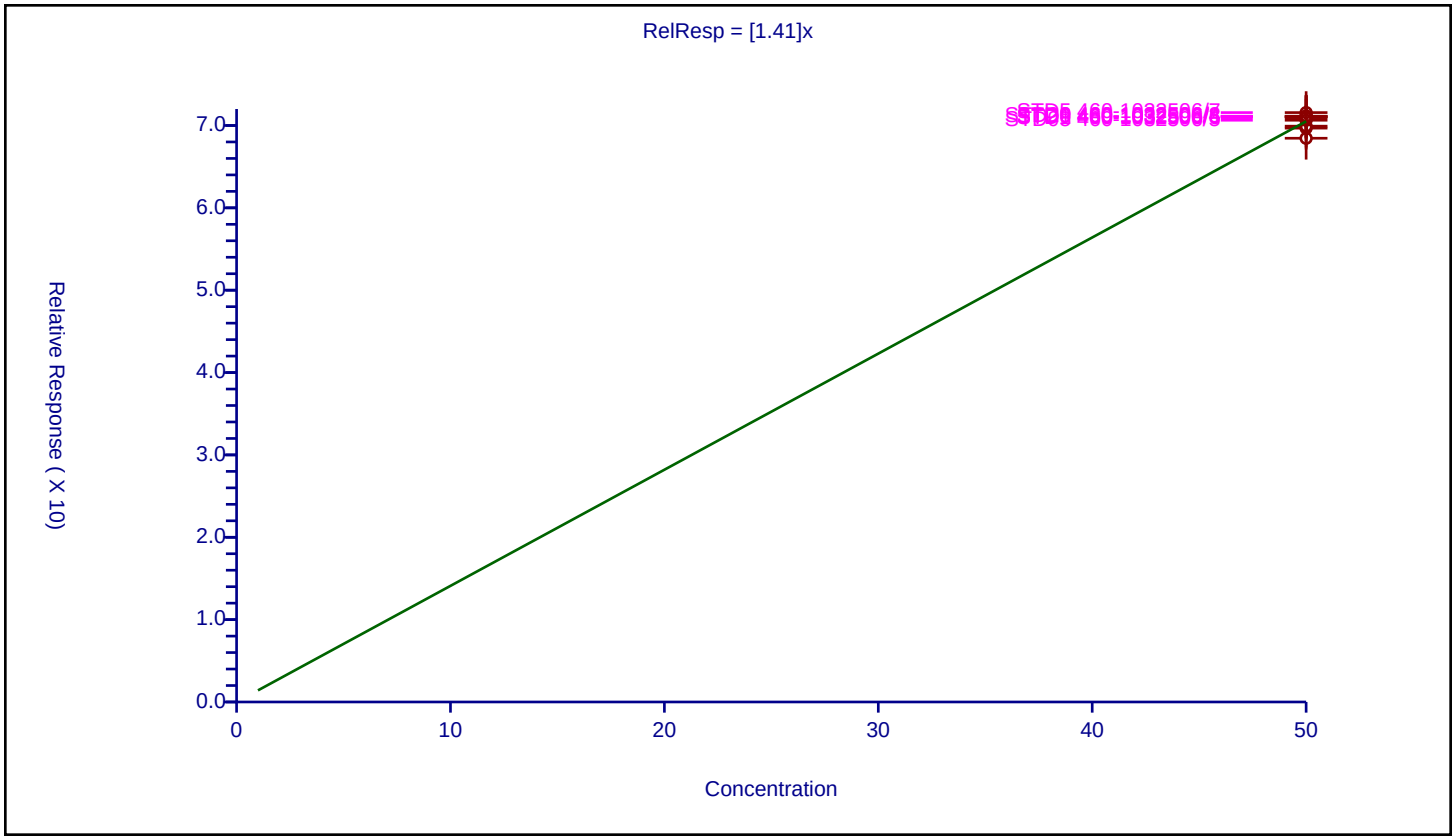
Curve Coefficients

Intercept:	0
Slope:	1.41

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	50.0	71.055803	50.0	355104.0	1.421116	Y
2	STD8 460-1032506/4	50.0	71.121364	50.0	347764.0	1.422427	Y
3	STD05 460-1032506/5	50.0	70.637584	50.0	349554.0	1.412752	Y
4	STD1 460-1032506/6	50.0	70.950044	50.0	344300.0	1.419001	Y
5	STD5 460-1032506/7	50.0	71.565952	50.0	345598.0	1.431319	Y
6	STD20 460-1032506/8	50.0	71.11868	50.0	350860.0	1.422374	Y
7	STD50 460-1032506/9	50.0	69.919311	50.0	360025.0	1.398386	Y
8	STD200 460-1032506/10	50.0	69.678126	50.0	375488.0	1.393563	Y
9	STD500 460-1032506/11	50.0	68.45052	50.0	410086.0	1.36901	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

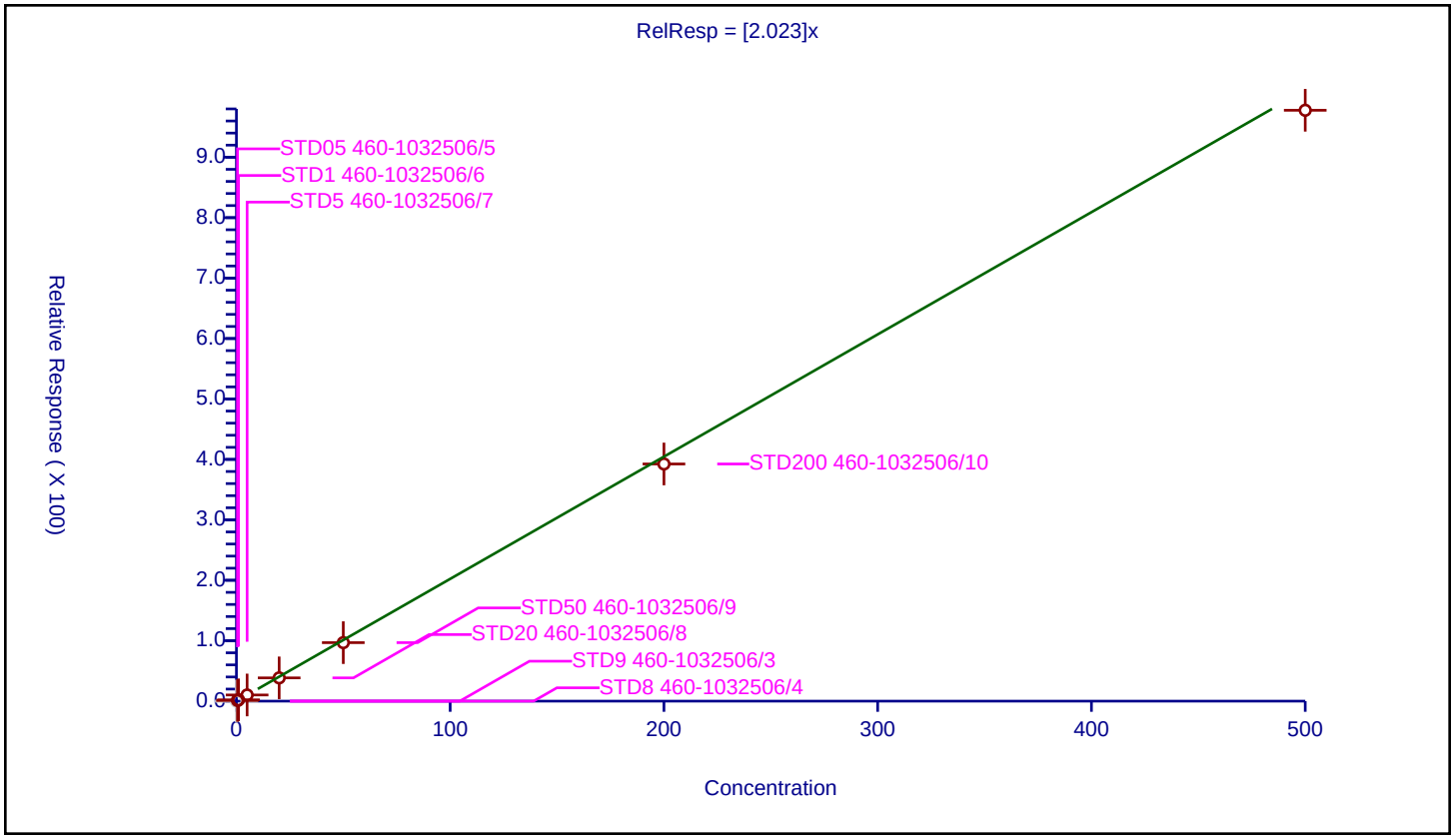
Curve Coefficients

Intercept:	0
Slope:	2.023

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	1.106267	50.0	349554.0	2.212534	Y
4	STD1 460-1032506/6	1.0	2.122858	50.0	344300.0	2.122858	Y
5	STD5 460-1032506/7	5.0	10.222571	50.0	345598.0	2.044514	Y
6	STD20 460-1032506/8	20.0	38.511942	50.0	350860.0	1.925597	Y
7	STD50 460-1032506/9	50.0	96.807444	50.0	360025.0	1.936149	Y
8	STD200 460-1032506/10	200.0	392.423193	50.0	375488.0	1.962116	Y
9	STD500 460-1032506/11	500.0	977.723697	50.0	410086.0	1.955447	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

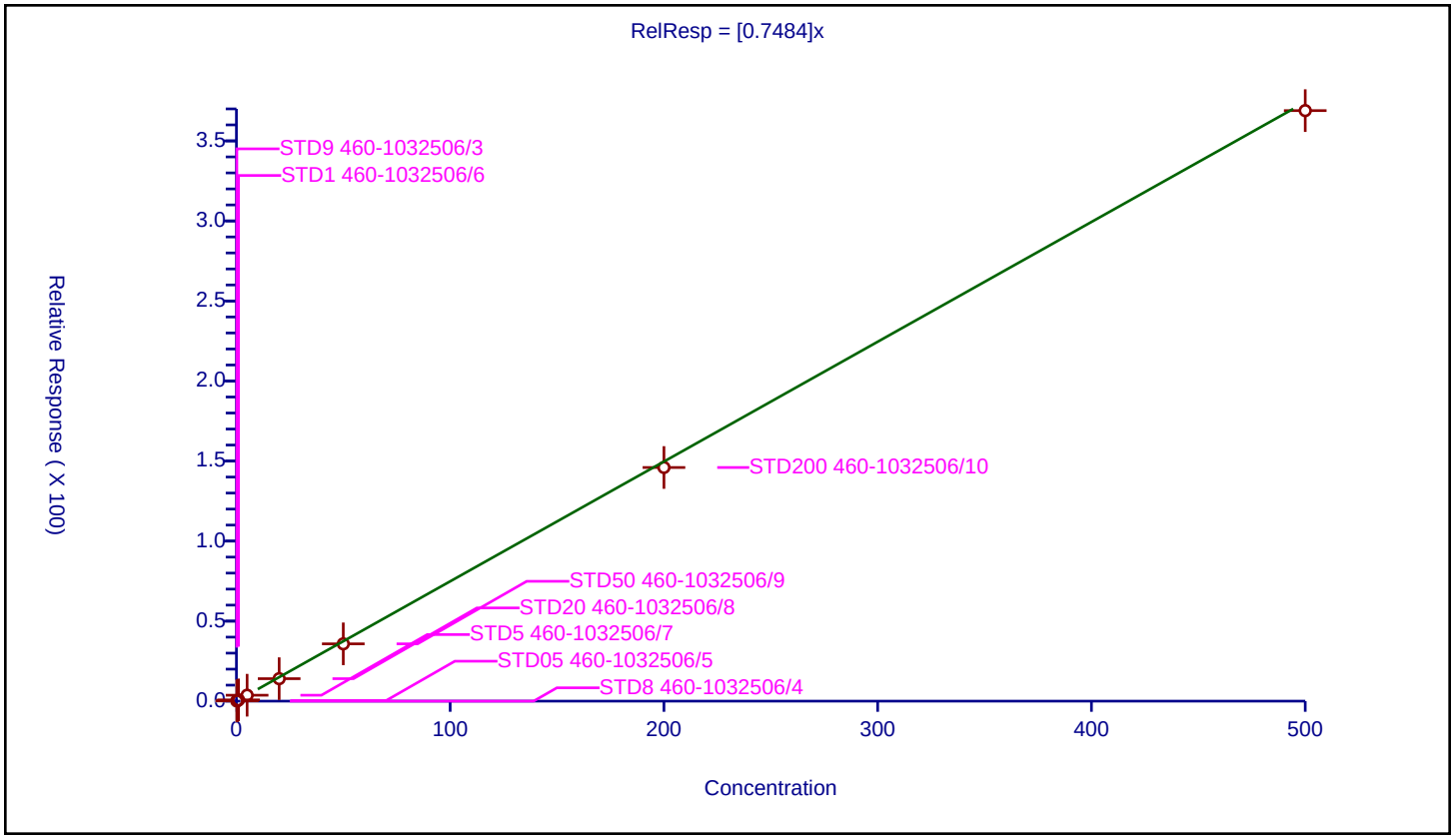
Curve Coefficients

Intercept:	0
Slope:	0.7484

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.182482	50.0	355104.0	0.912409	Y
3	STD05 460-1032506/5	0.5	0.338002	50.0	349554.0	0.676004	Y
4	STD1 460-1032506/6	1.0	0.772727	50.0	344300.0	0.772727	Y
5	STD5 460-1032506/7	5.0	3.702857	50.0	345598.0	0.740571	Y
6	STD20 460-1032506/8	20.0	14.03822	50.0	350860.0	0.701911	Y
7	STD50 460-1032506/9	50.0	35.79432	50.0	360025.0	0.715886	Y
8	STD200 460-1032506/10	200.0	145.970843	50.0	375488.0	0.729854	Y
9	STD500 460-1032506/11	500.0	368.91908	50.0	410086.0	0.737838	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

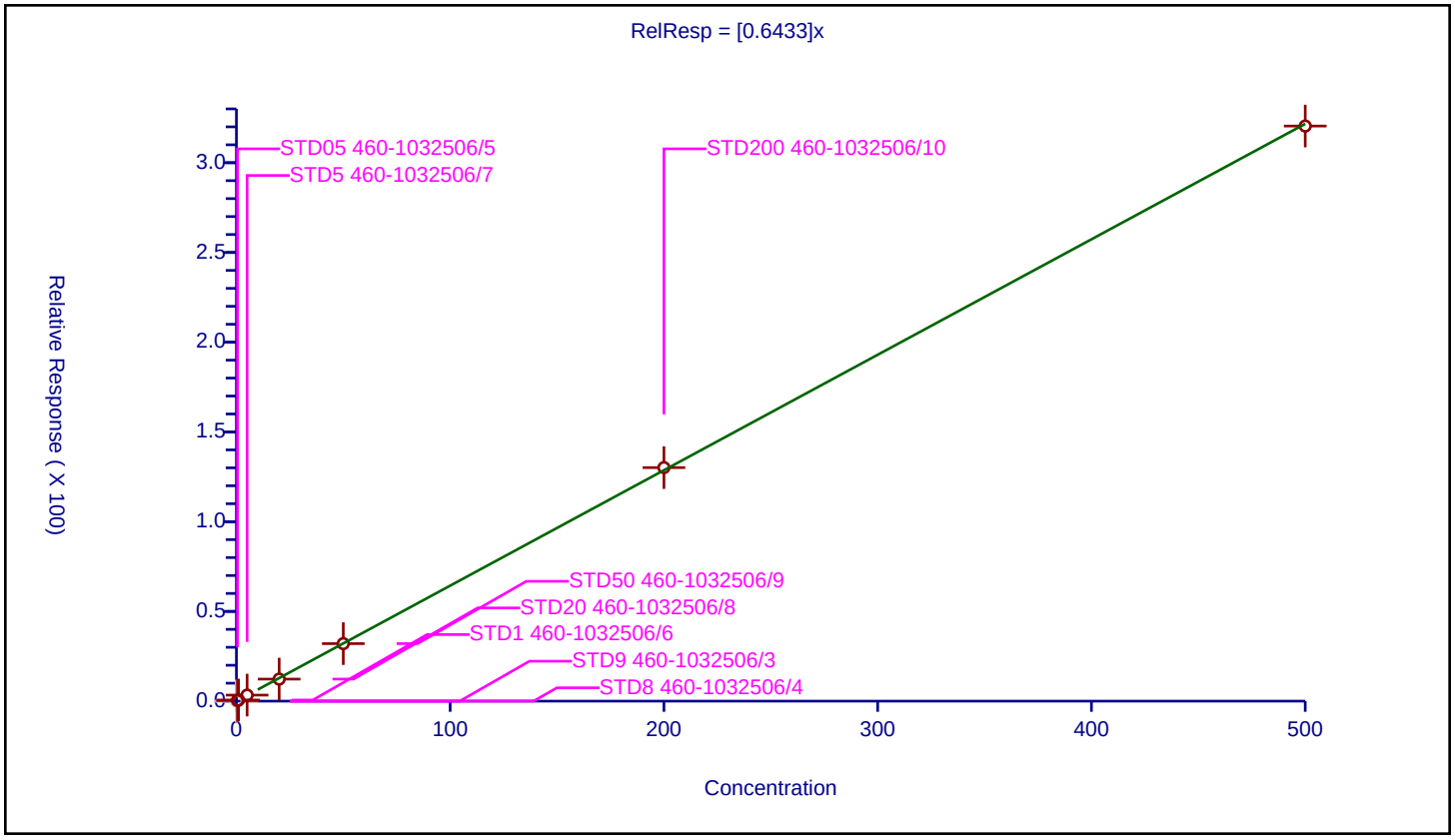
Curve Coefficients

Intercept:	0
Slope:	0.6433

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.330707	50.0	349554.0	0.661414	Y
4	STD1 460-1032506/6	1.0	0.622277	50.0	344300.0	0.622277	Y
5	STD5 460-1032506/7	5.0	3.365616	50.0	345598.0	0.673123	Y
6	STD20 460-1032506/8	20.0	12.280967	50.0	350860.0	0.614048	Y
7	STD50 460-1032506/9	50.0	32.048608	50.0	360025.0	0.640972	Y
8	STD200 460-1032506/10	200.0	130.123732	50.0	375488.0	0.650619	Y
9	STD500 460-1032506/11	500.0	320.4412	50.0	410086.0	0.640882	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

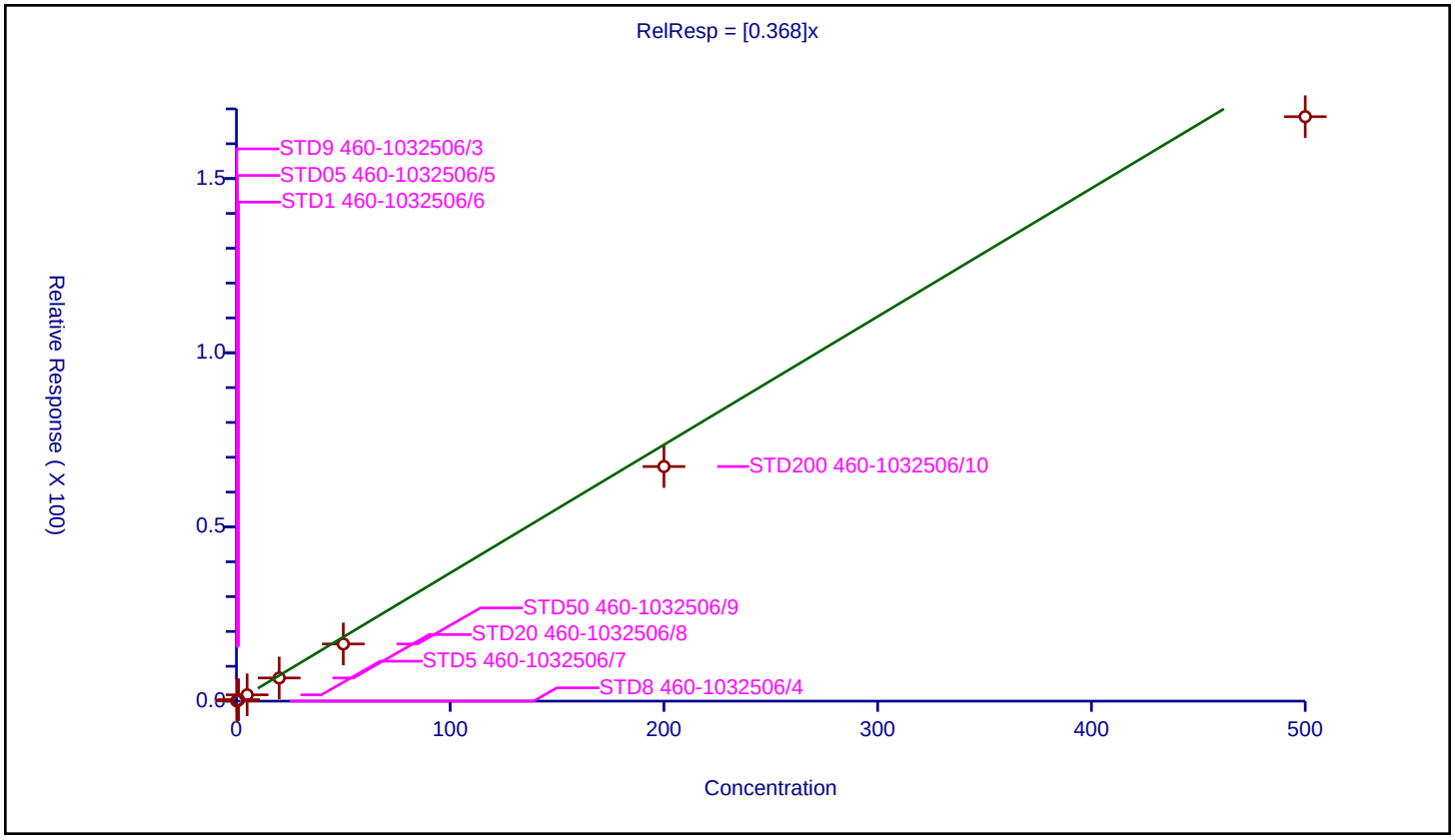
Curve Coefficients

Intercept:	0
Slope:	0.368

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.075189	50.0	355104.0	0.375946	Y
3	STD05 460-1032506/5	0.5	0.232725	50.0	349554.0	0.46545	Y
4	STD1 460-1032506/6	1.0	0.406477	50.0	344300.0	0.406477	Y
5	STD5 460-1032506/7	5.0	1.814102	50.0	345598.0	0.36282	Y
6	STD20 460-1032506/8	20.0	6.653366	50.0	350860.0	0.332668	Y
7	STD50 460-1032506/9	50.0	16.411221	50.0	360025.0	0.328224	Y
8	STD200 460-1032506/10	200.0	67.345161	50.0	375488.0	0.336726	Y
9	STD500 460-1032506/11	500.0	167.767127	50.0	410086.0	0.335534	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

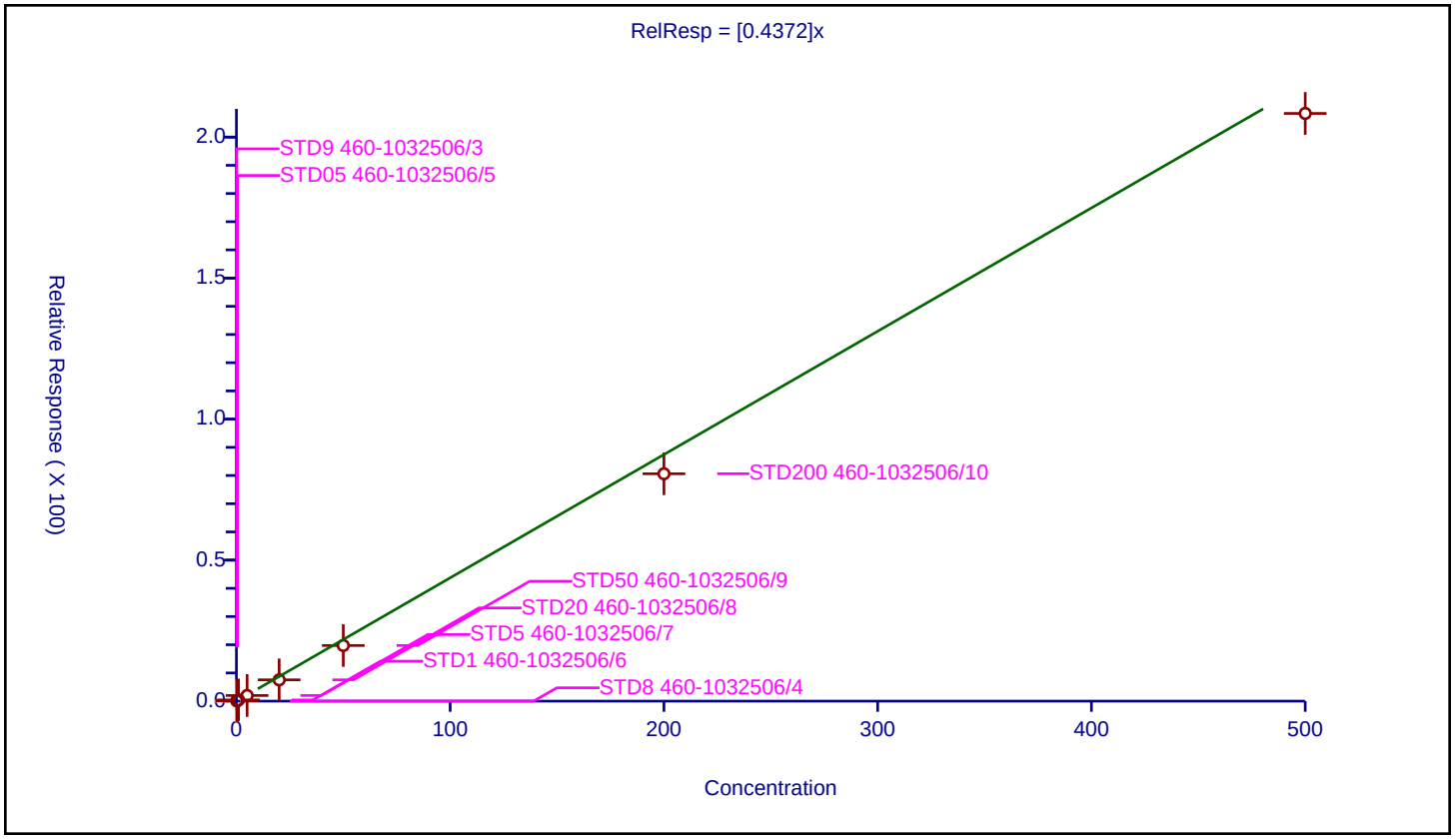
Curve Coefficients

Intercept:	0
Slope:	0.4372

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.121373	50.0	355104.0	0.606864	Y
3	STD05 460-1032506/5	0.5	0.241021	50.0	349554.0	0.482043	Y
4	STD1 460-1032506/6	1.0	0.417078	50.0	344300.0	0.417078	Y
5	STD5 460-1032506/7	5.0	1.998854	50.0	345598.0	0.399771	Y
6	STD20 460-1032506/8	20.0	7.549592	50.0	350860.0	0.37748	Y
7	STD50 460-1032506/9	50.0	19.721825	50.0	360025.0	0.394436	Y
8	STD200 460-1032506/10	200.0	80.624547	50.0	375488.0	0.403123	Y
9	STD500 460-1032506/11	500.0	208.387631	50.0	410086.0	0.416775	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

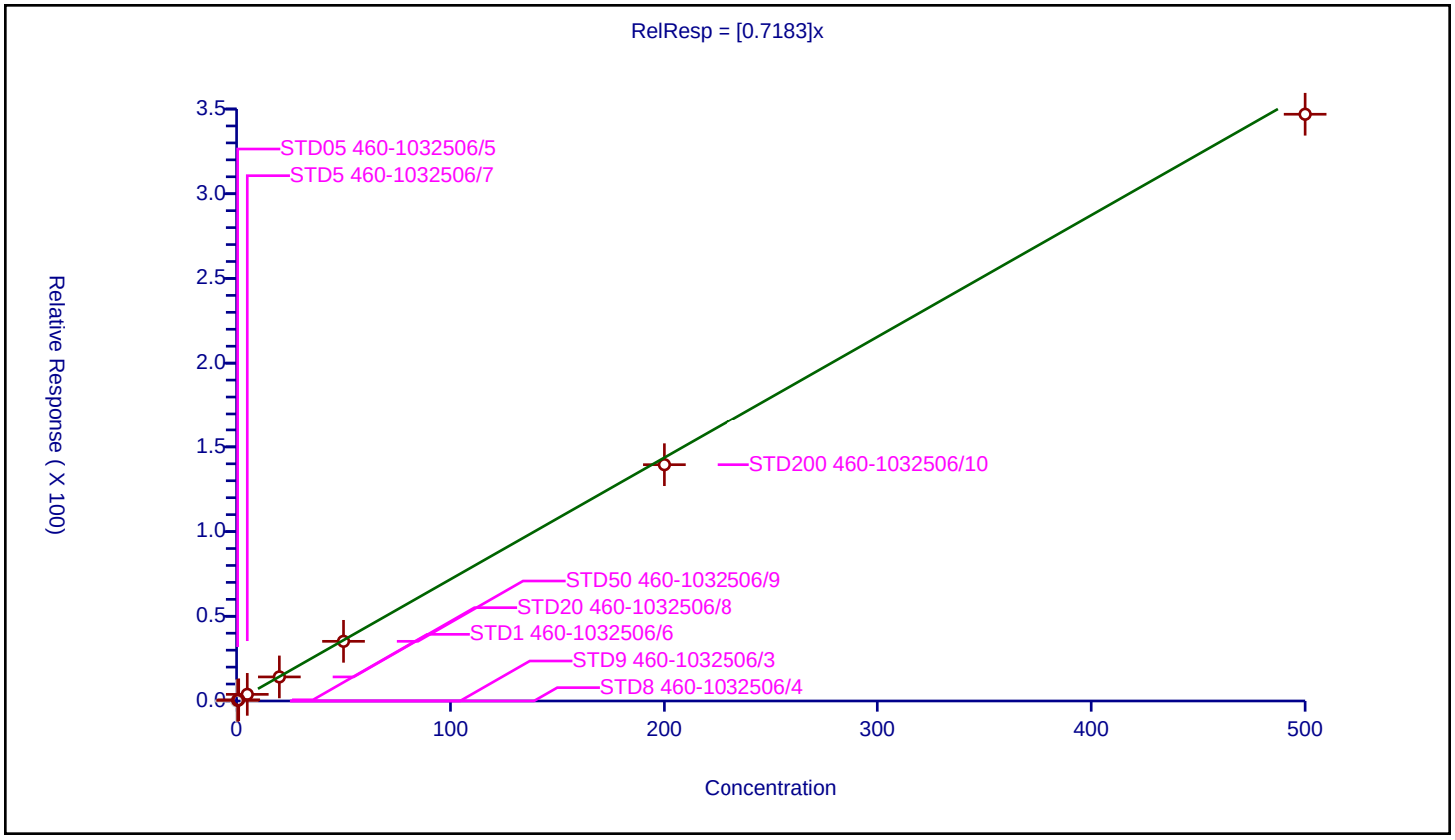
Curve Coefficients

Intercept:	0
Slope:	0.7183

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.366896	50.0	349554.0	0.733792	Y
4	STD1 460-1032506/6	1.0	0.707232	50.0	344300.0	0.707232	Y
5	STD5 460-1032506/7	5.0	3.904826	50.0	345598.0	0.780965	Y
6	STD20 460-1032506/8	20.0	14.204241	50.0	350860.0	0.710212	Y
7	STD50 460-1032506/9	50.0	35.221721	50.0	360025.0	0.704434	Y
8	STD200 460-1032506/10	200.0	139.481688	50.0	375488.0	0.697408	Y
9	STD500 460-1032506/11	500.0	346.9165	50.0	410086.0	0.693833	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

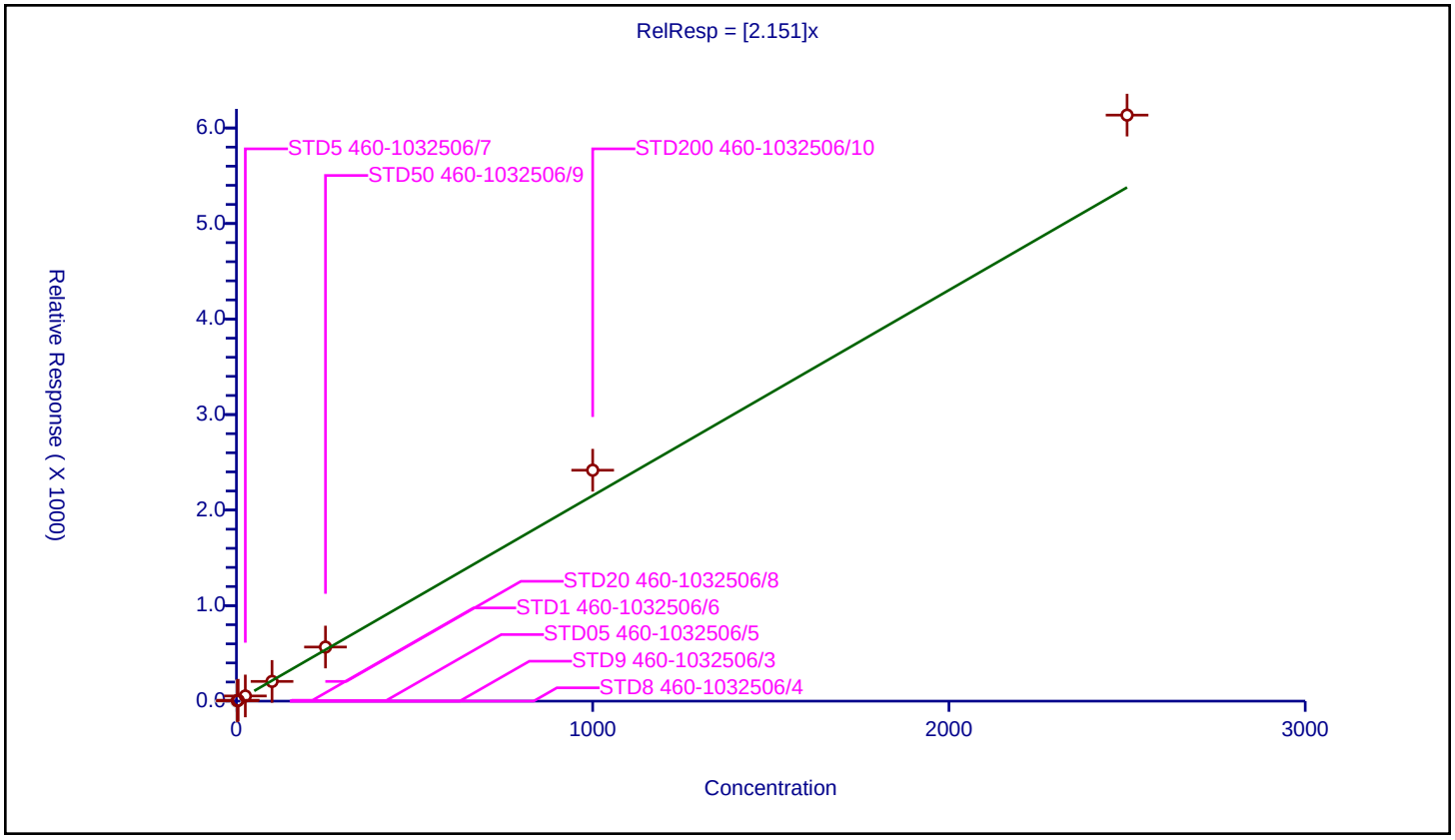
Curve Coefficients

Intercept:	0
Slope:	2.151

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	250.0	294772.0	NaN	N
2	STD9 460-1032506/3	1.0	0.0	250.0	297945.0	0.0	N
3	STD05 460-1032506/5	2.5	4.550559	250.0	283152.0	1.820224	Y
4	STD1 460-1032506/6	5.0	9.342949	250.0	292306.0	1.86859	Y
5	STD5 460-1032506/7	25.0	54.196558	250.0	285198.0	2.167862	Y
6	STD20 460-1032506/8	100.0	206.57774	250.0	278918.0	2.065777	Y
7	STD50 460-1032506/9	250.0	566.336186	250.0	271070.0	2.265345	Y
8	STD200 460-1032506/10	1000.0	2417.490542	250.0	270672.0	2.417491	Y
9	STD500 460-1032506/11	2500.0	6135.02961	250.0	279298.0	2.454012	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

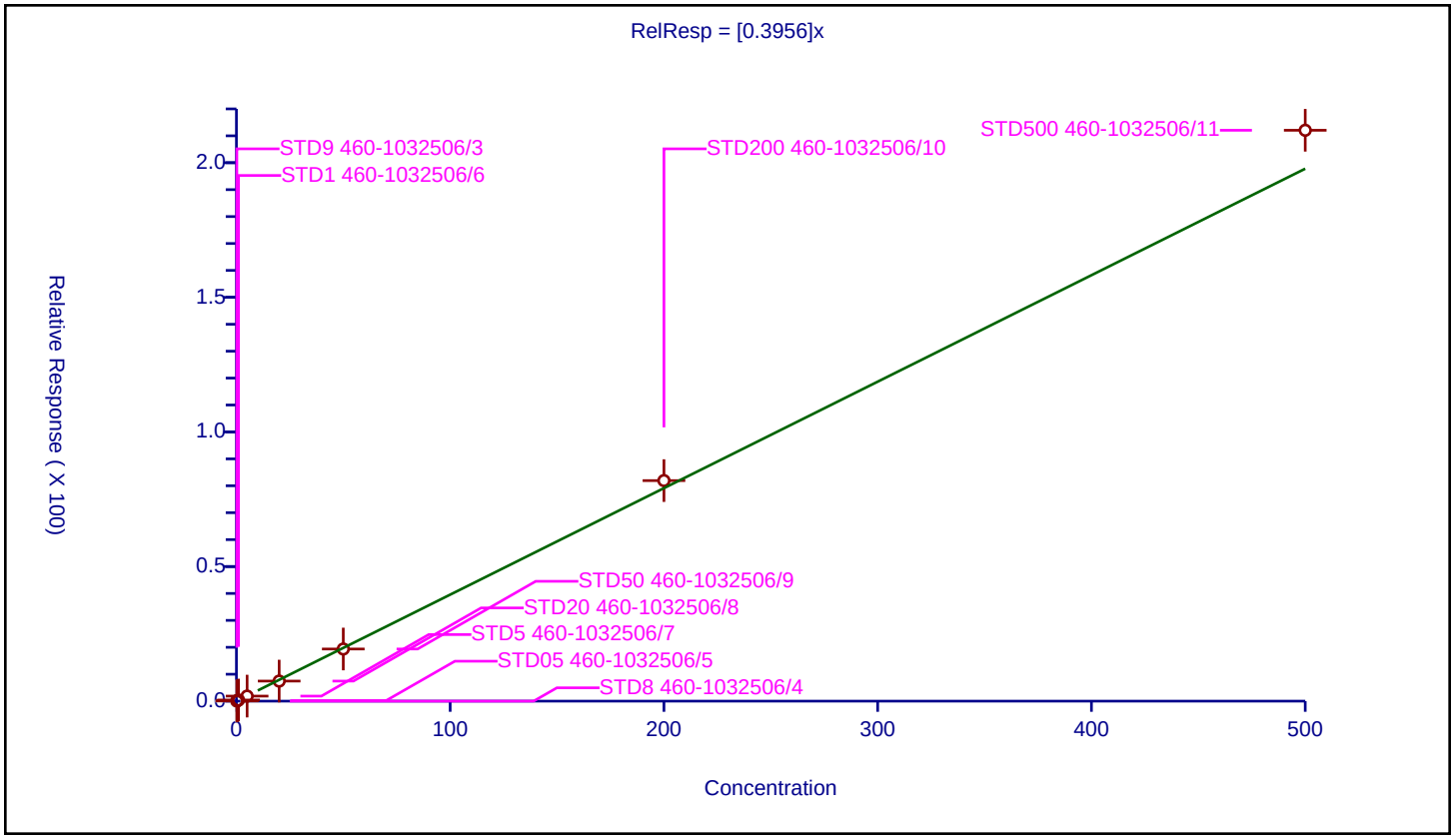
Curve Coefficients

Intercept:	0
Slope:	0.3956

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.081525	50.0	355104.0	0.407627	Y
3	STD05 460-1032506/5	0.5	0.188097	50.0	349554.0	0.376194	Y
4	STD1 460-1032506/6	1.0	0.411124	50.0	344300.0	0.411124	Y
5	STD5 460-1032506/7	5.0	1.879496	50.0	345598.0	0.375899	Y
6	STD20 460-1032506/8	20.0	7.45283	50.0	350860.0	0.372642	Y
7	STD50 460-1032506/9	50.0	19.362405	50.0	360025.0	0.387248	Y
8	STD200 460-1032506/10	200.0	81.926719	50.0	375488.0	0.409634	Y
9	STD500 460-1032506/11	500.0	212.053325	50.0	410086.0	0.424107	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

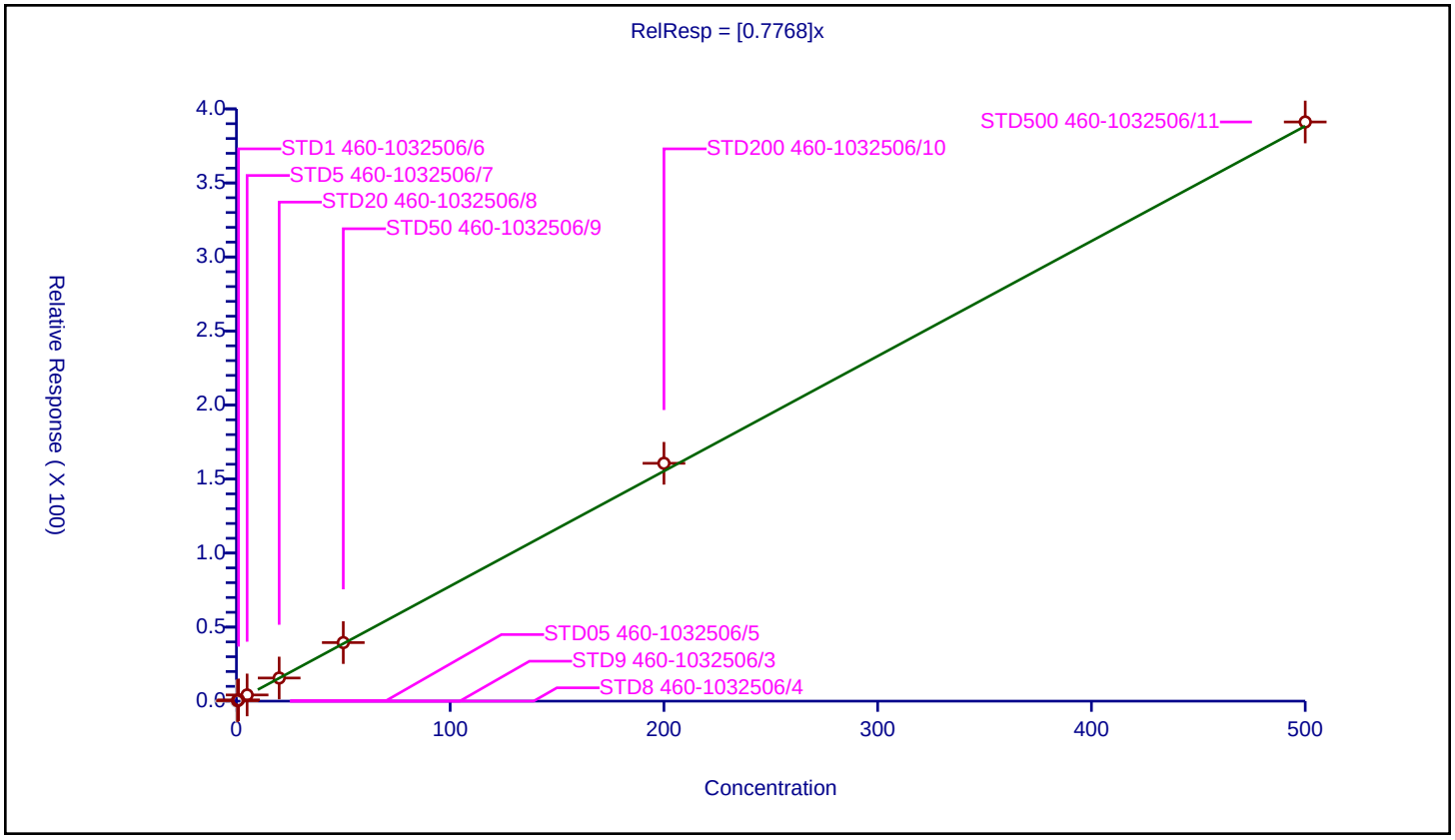
Curve Coefficients

Intercept:	0
Slope:	0.7768

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.307678	50.0	349554.0	0.615356	Y
4	STD1 460-1032506/6	1.0	0.827766	50.0	344300.0	0.827766	Y
5	STD5 460-1032506/7	5.0	4.186077	50.0	345598.0	0.837215	Y
6	STD20 460-1032506/8	20.0	15.614633	50.0	350860.0	0.780732	Y
7	STD50 460-1032506/9	50.0	39.540865	50.0	360025.0	0.790817	Y
8	STD200 460-1032506/10	200.0	160.65094	50.0	375488.0	0.803255	Y
9	STD500 460-1032506/11	500.0	391.161488	50.0	410086.0	0.782323	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

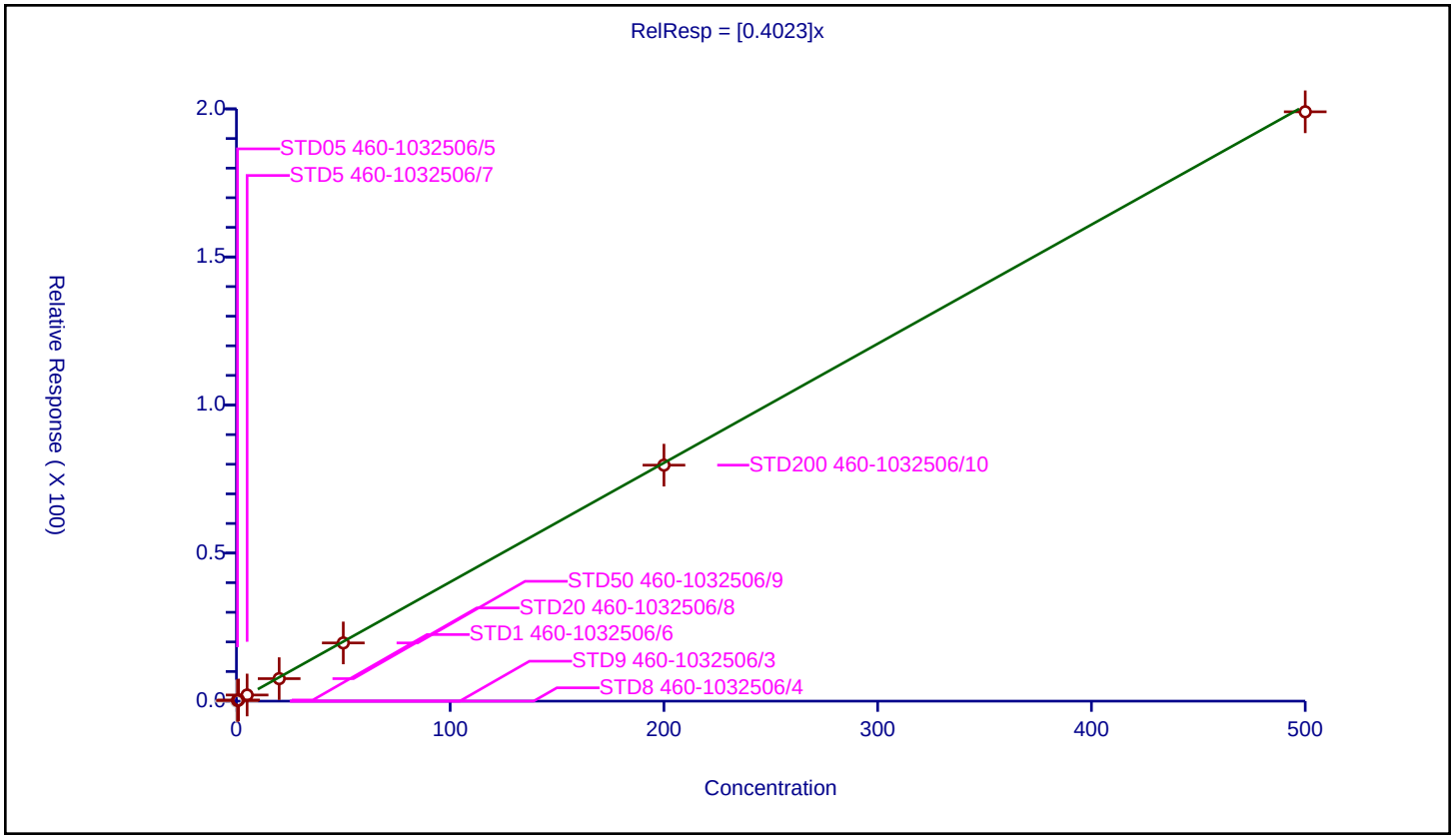
Curve Coefficients

Intercept:	0
Slope:	0.4023

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.223141	50.0	349554.0	0.446283	Y
4	STD1 460-1032506/6	1.0	0.386001	50.0	344300.0	0.386001	Y
5	STD5 460-1032506/7	5.0	2.069746	50.0	345598.0	0.413949	Y
6	STD20 460-1032506/8	20.0	7.599897	50.0	350860.0	0.379995	Y
7	STD50 460-1032506/9	50.0	19.659607	50.0	360025.0	0.393192	Y
8	STD200 460-1032506/10	200.0	79.696821	50.0	375488.0	0.398484	Y
9	STD500 460-1032506/11	500.0	199.016182	50.0	410086.0	0.398032	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

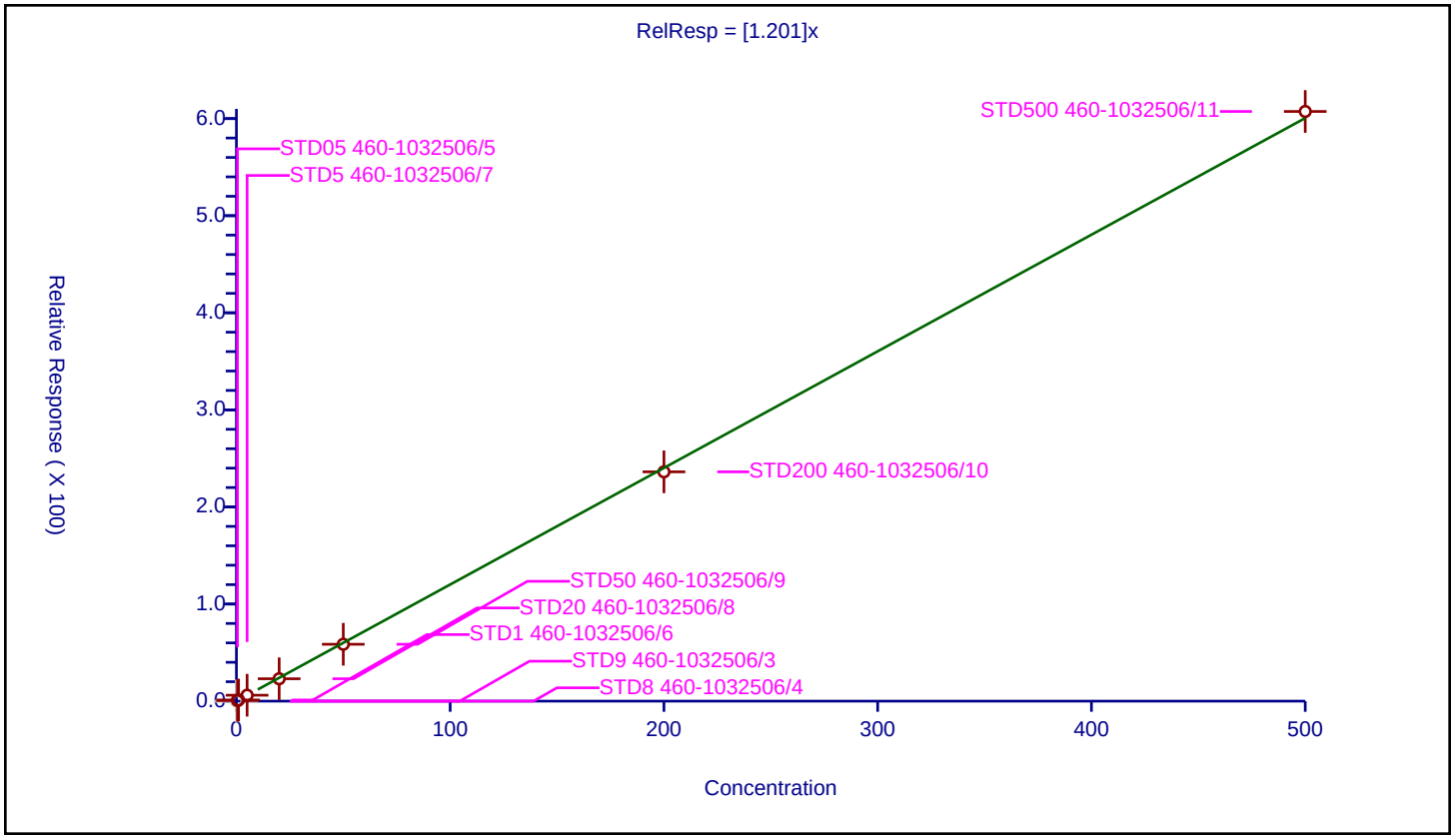
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.634666	50.0	349554.0	1.269332	Y
4	STD1 460-1032506/6	1.0	1.19634	50.0	344300.0	1.19634	Y
5	STD5 460-1032506/7	5.0	6.106227	50.0	345598.0	1.221245	Y
6	STD20 460-1032506/8	20.0	23.057915	50.0	350860.0	1.152896	Y
7	STD50 460-1032506/9	50.0	58.588709	50.0	360025.0	1.171774	Y
8	STD200 460-1032506/10	200.0	236.18065	50.0	375488.0	1.180903	Y
9	STD500 460-1032506/11	500.0	607.337851	50.0	410086.0	1.214676	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

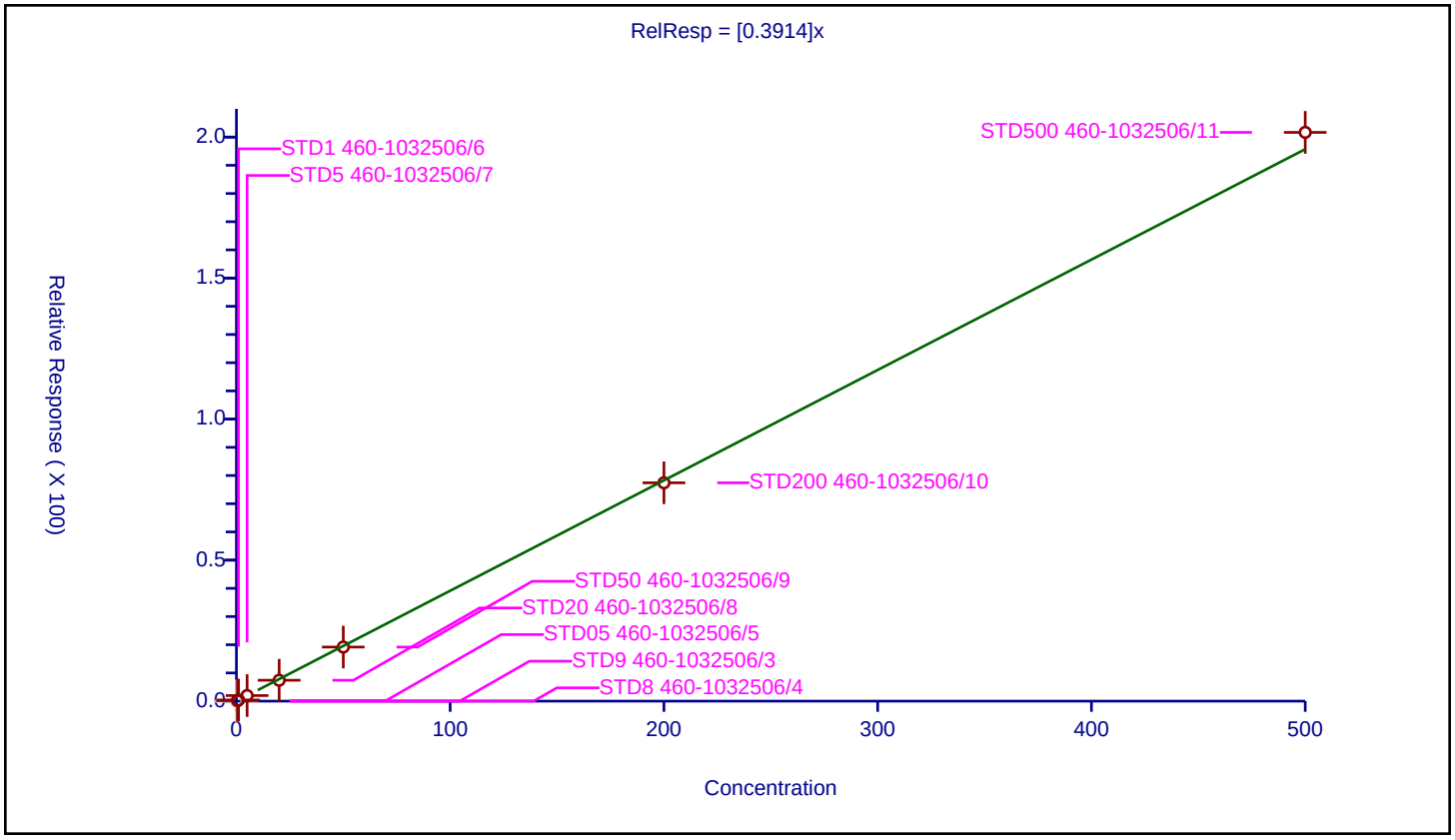
Curve Coefficients

Intercept:	0
Slope:	0.3914

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.193675	50.0	349554.0	0.387351	Y
4	STD1 460-1032506/6	1.0	0.411705	50.0	344300.0	0.411705	Y
5	STD5 460-1032506/7	5.0	1.982361	50.0	345598.0	0.396472	Y
6	STD20 460-1032506/8	20.0	7.406658	50.0	350860.0	0.370333	Y
7	STD50 460-1032506/9	50.0	19.177696	50.0	360025.0	0.383554	Y
8	STD200 460-1032506/10	200.0	77.419119	50.0	375488.0	0.387096	Y
9	STD500 460-1032506/11	500.0	201.670259	50.0	410086.0	0.403341	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

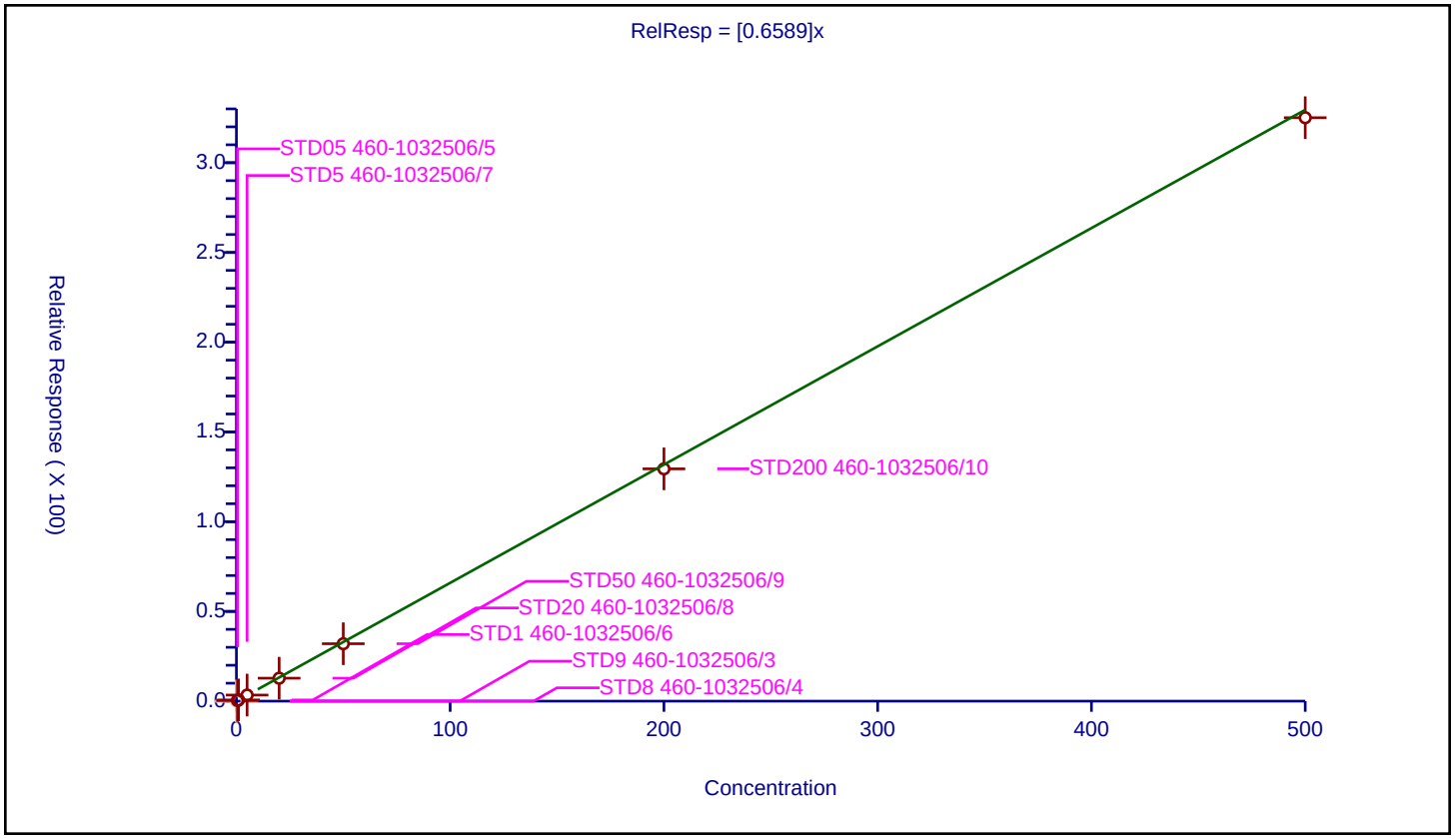
Curve Coefficients

Intercept:	0
Slope:	0.6589

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.349731	50.0	349554.0	0.699463	Y
4	STD1 460-1032506/6	1.0	0.658147	50.0	344300.0	0.658147	Y
5	STD5 460-1032506/7	5.0	3.391657	50.0	345598.0	0.678331	Y
6	STD20 460-1032506/8	20.0	12.788007	50.0	350860.0	0.6394	Y
7	STD50 460-1032506/9	50.0	31.992501	50.0	360025.0	0.63985	Y
8	STD200 460-1032506/10	200.0	129.426639	50.0	375488.0	0.647133	Y
9	STD500 460-1032506/11	500.0	325.088274	50.0	410086.0	0.650177	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

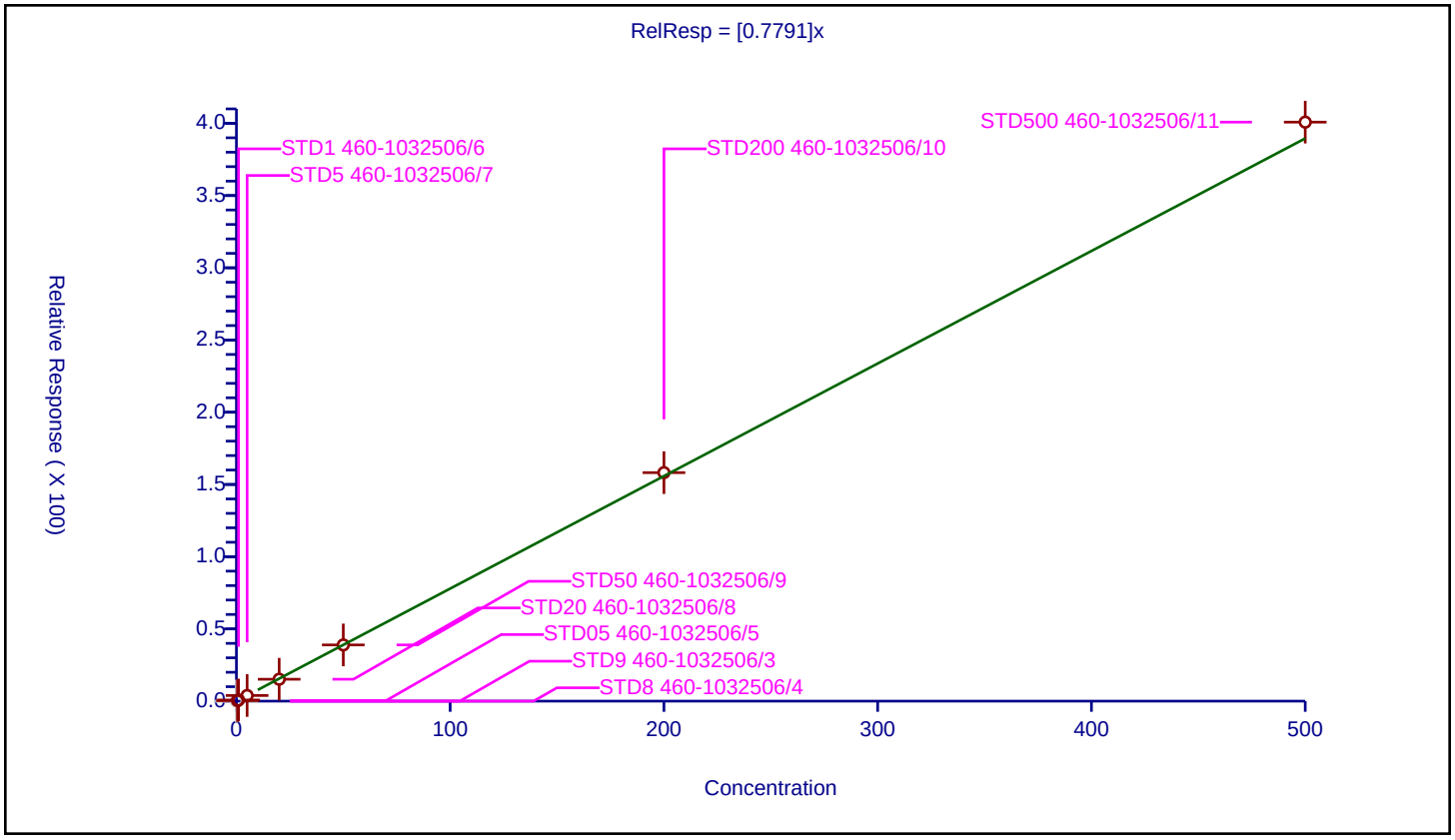
Curve Coefficients

Intercept:	0
Slope:	0.7791

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.37791	50.0	349554.0	0.75582	Y
4	STD1 460-1032506/6	1.0	0.787685	50.0	344300.0	0.787685	Y
5	STD5 460-1032506/7	5.0	3.906851	50.0	345598.0	0.78137	Y
6	STD20 460-1032506/8	20.0	15.160035	50.0	350860.0	0.758002	Y
7	STD50 460-1032506/9	50.0	38.907437	50.0	360025.0	0.778149	Y
8	STD200 460-1032506/10	200.0	158.18375	50.0	375488.0	0.790919	Y
9	STD500 460-1032506/11	500.0	400.837751	50.0	410086.0	0.801676	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

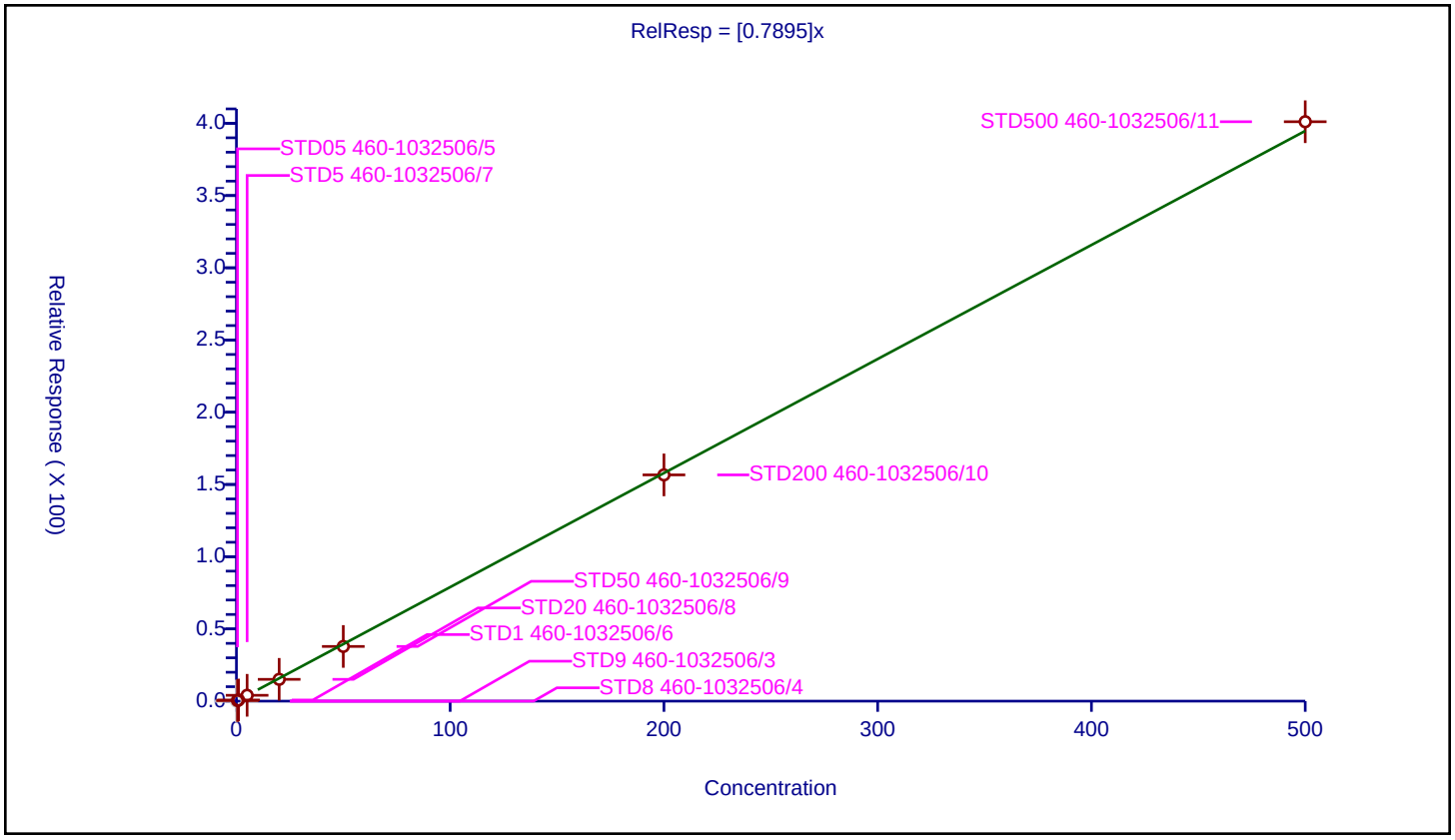
Curve Coefficients

Intercept:	0
Slope:	0.7895

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.418676	50.0	349554.0	0.837353	Y
4	STD1 460-1032506/6	1.0	0.783038	50.0	344300.0	0.783038	Y
5	STD5 460-1032506/7	5.0	4.045307	50.0	345598.0	0.809061	Y
6	STD20 460-1032506/8	20.0	15.084507	50.0	350860.0	0.754225	Y
7	STD50 460-1032506/9	50.0	37.862232	50.0	360025.0	0.757245	Y
8	STD200 460-1032506/10	200.0	156.620718	50.0	375488.0	0.783104	Y
9	STD500 460-1032506/11	500.0	401.110255	50.0	410086.0	0.802221	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

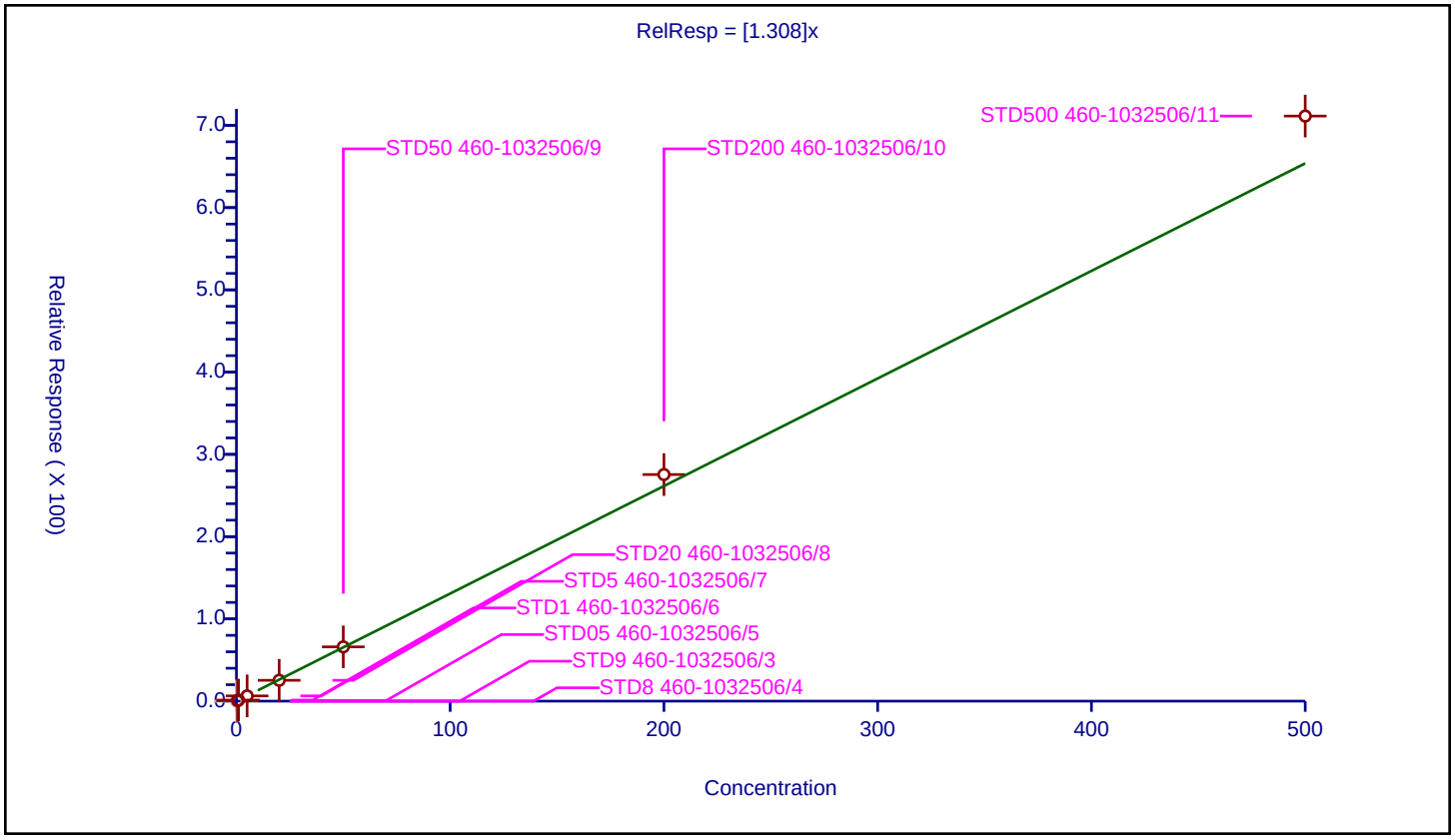
Curve Coefficients

Intercept:	0
Slope:	1.308

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.600479	50.0	349554.0	1.200959	Y
4	STD1 460-1032506/6	1.0	1.291751	50.0	344300.0	1.291751	Y
5	STD5 460-1032506/7	5.0	6.369973	50.0	345598.0	1.273995	Y
6	STD20 460-1032506/8	20.0	25.344012	50.0	350860.0	1.267201	Y
7	STD50 460-1032506/9	50.0	65.969169	50.0	360025.0	1.319383	Y
8	STD200 460-1032506/10	200.0	275.462465	50.0	375488.0	1.377312	Y
9	STD500 460-1032506/11	500.0	711.300922	50.0	410086.0	1.422602	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

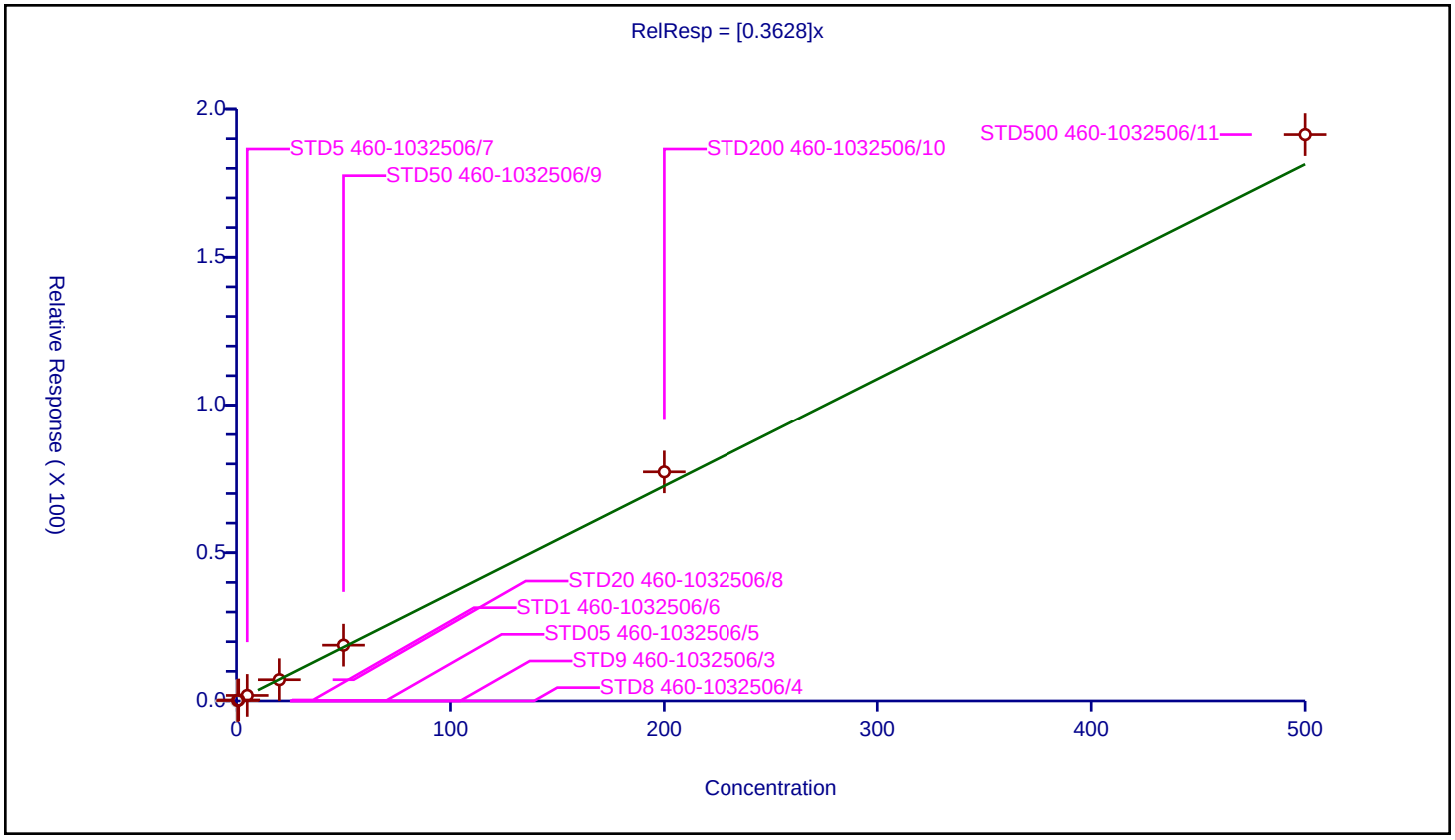
Curve Coefficients

Intercept:	0
Slope:	0.3628

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.161062	50.0	349554.0	0.322125	Y
4	STD1 460-1032506/6	1.0	0.340256	50.0	344300.0	0.340256	Y
5	STD5 460-1032506/7	5.0	1.86199	50.0	345598.0	0.372398	Y
6	STD20 460-1032506/8	20.0	7.176224	50.0	350860.0	0.358811	Y
7	STD50 460-1032506/9	50.0	18.828831	50.0	360025.0	0.376577	Y
8	STD200 460-1032506/10	200.0	77.308729	50.0	375488.0	0.386544	Y
9	STD500 460-1032506/11	500.0	191.385222	50.0	410086.0	0.38277	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

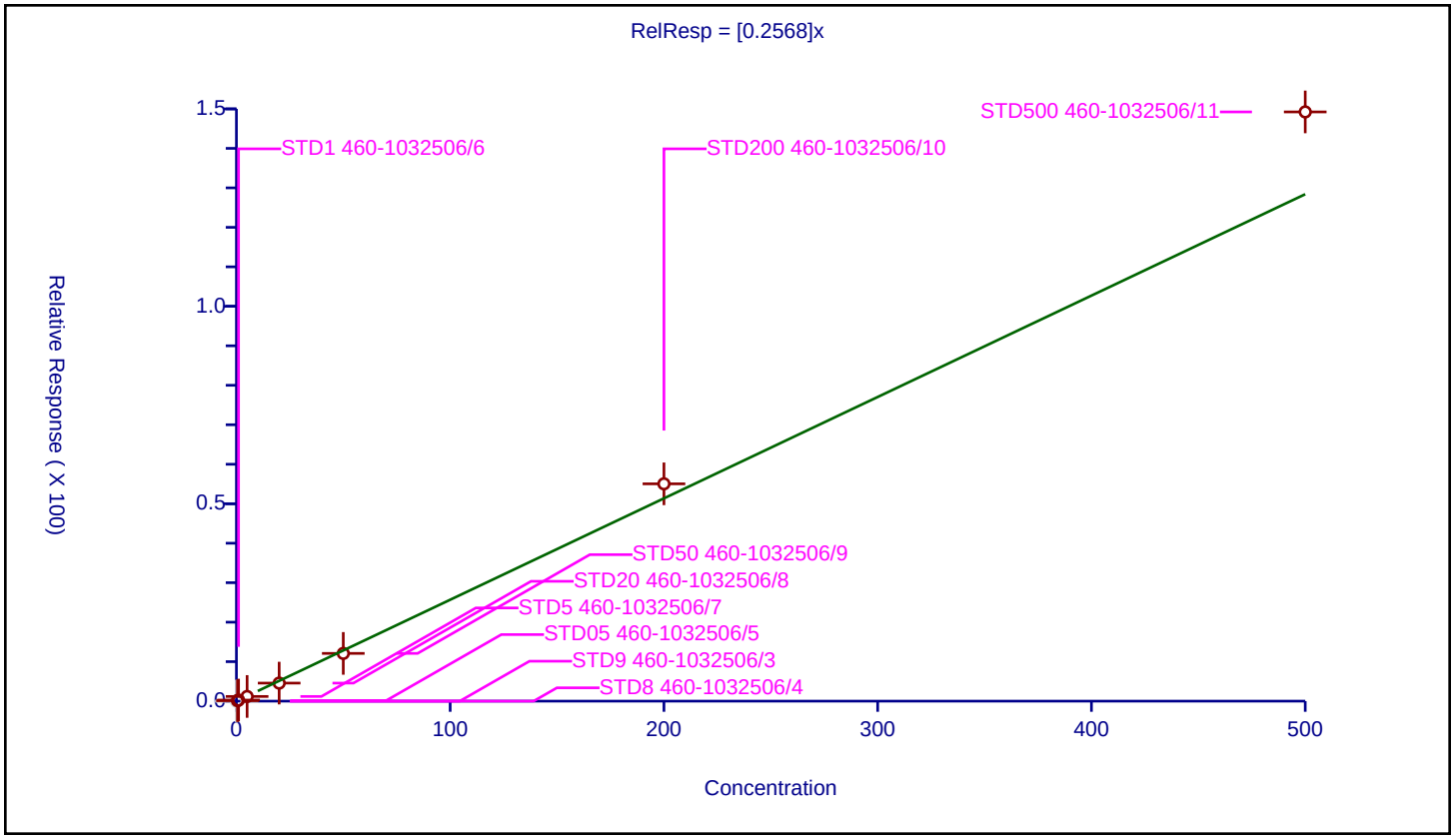
Curve Coefficients

Intercept:	0
Slope:	0.2568

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.124587	50.0	349554.0	0.249175	Y
4	STD1 460-1032506/6	1.0	0.267935	50.0	344300.0	0.267935	Y
5	STD5 460-1032506/7	5.0	1.182443	50.0	345598.0	0.236489	Y
6	STD20 460-1032506/8	20.0	4.568346	50.0	350860.0	0.228417	Y
7	STD50 460-1032506/9	50.0	12.088327	50.0	360025.0	0.241767	Y
8	STD200 460-1032506/10	200.0	55.041439	50.0	375488.0	0.275207	Y
9	STD500 460-1032506/11	500.0	149.228333	50.0	410086.0	0.298457	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

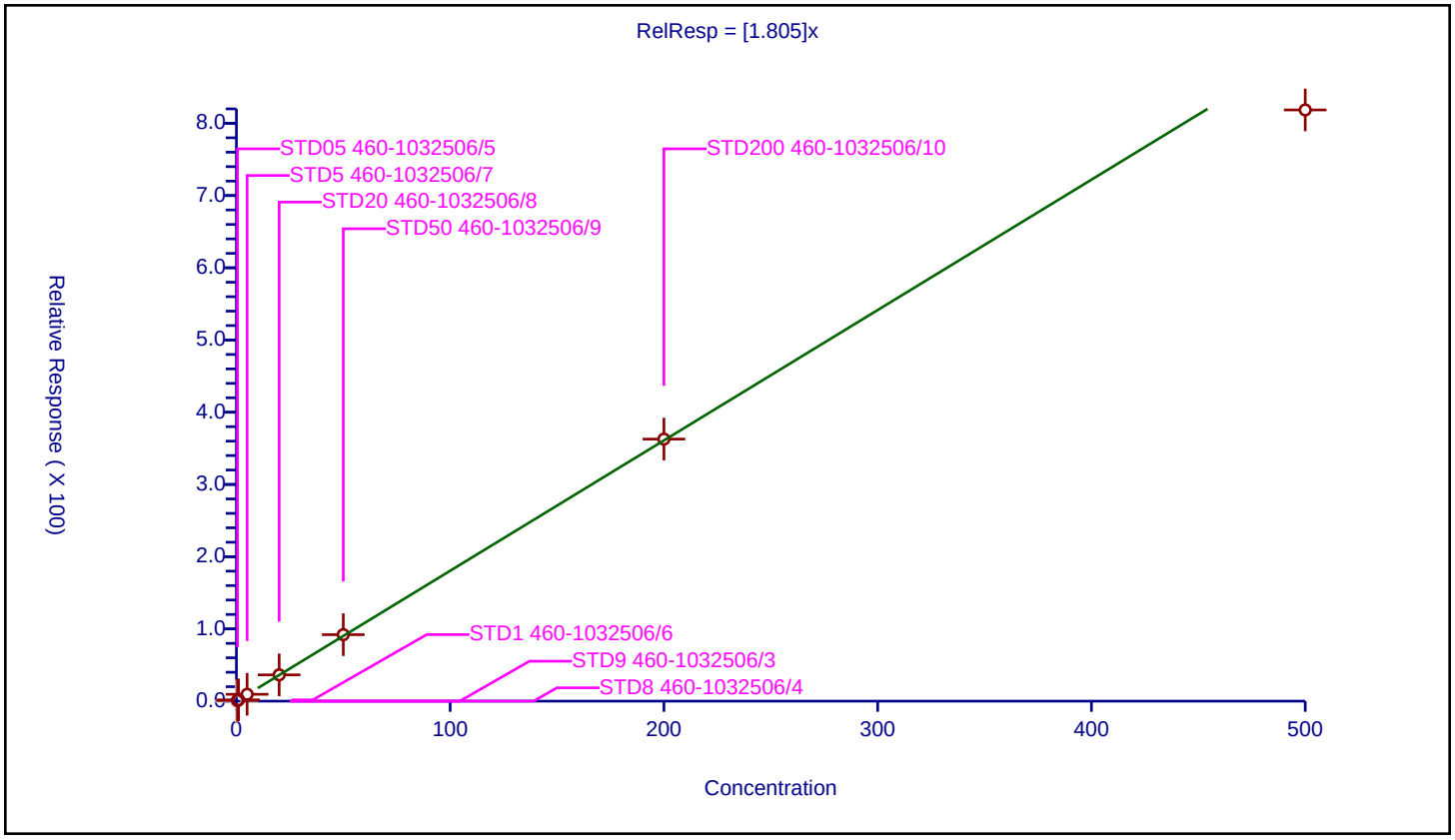
Curve Coefficients

Intercept:	0
Slope:	1.805

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.917651	50.0	171198.0	1.835302	Y
4	STD1 460-1032506/6	1.0	1.786551	50.0	166410.0	1.786551	Y
5	STD5 460-1032506/7	5.0	9.507981	50.0	166213.0	1.901596	Y
6	STD20 460-1032506/8	20.0	36.385472	50.0	173818.0	1.819274	Y
7	STD50 460-1032506/9	50.0	92.034727	50.0	181243.0	1.840695	Y
8	STD200 460-1032506/10	200.0	362.811656	50.0	199459.0	1.814058	Y
9	STD500 460-1032506/11	500.0	818.54222	50.0	228848.0	1.637084	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

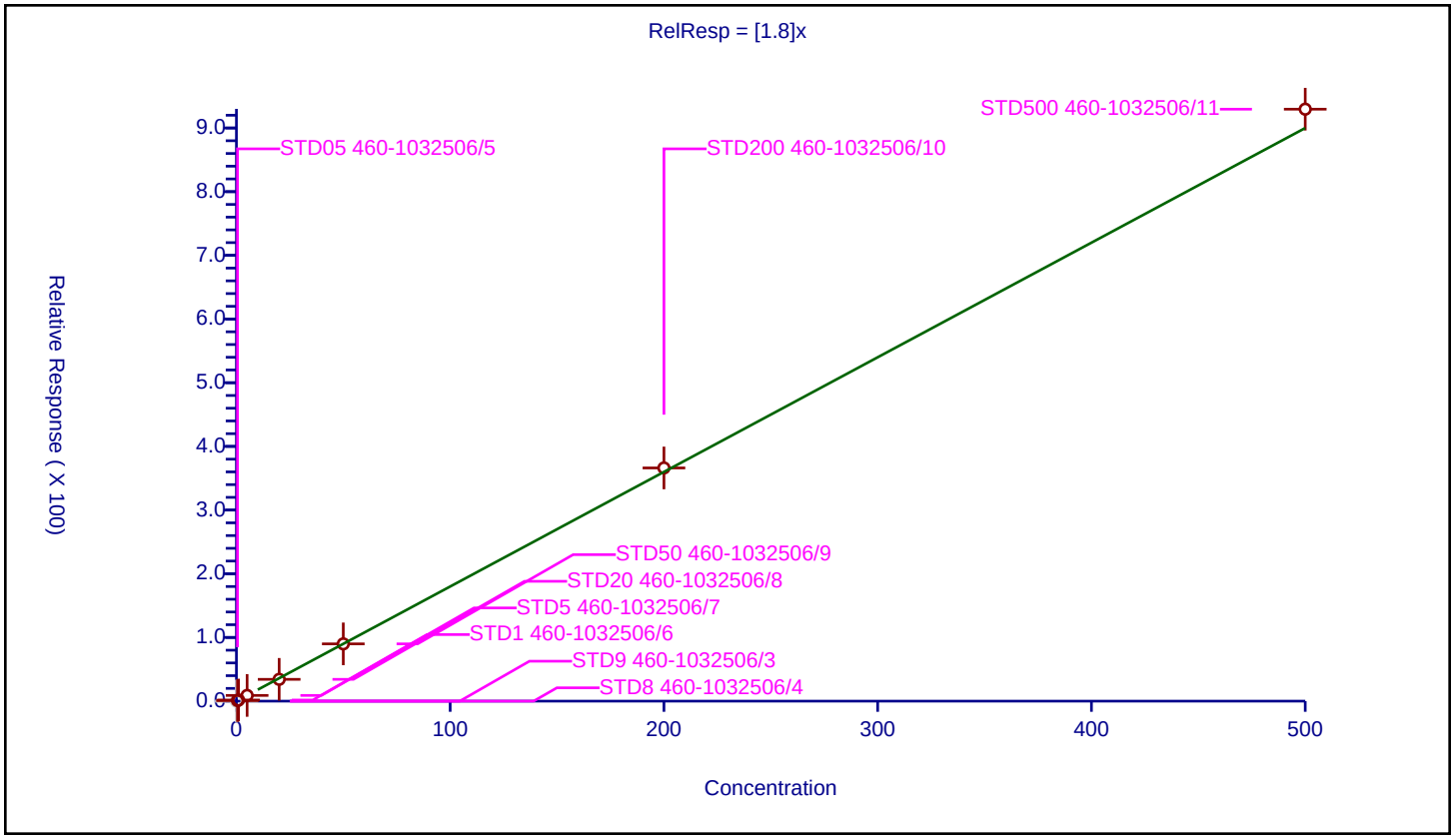
Curve Coefficients

Intercept:	0
Slope:	1.8

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	347764.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	355104.0	0.0	N
3	STD05 460-1032506/5	0.5	0.929041	50.0	349554.0	1.858082	Y
4	STD1 460-1032506/6	1.0	1.743683	50.0	344300.0	1.743683	Y
5	STD5 460-1032506/7	5.0	8.980521	50.0	345598.0	1.796104	Y
6	STD20 460-1032506/8	20.0	34.241578	50.0	350860.0	1.712079	Y
7	STD50 460-1032506/9	50.0	89.937782	50.0	360025.0	1.798756	Y
8	STD200 460-1032506/10	200.0	366.186136	50.0	375488.0	1.830931	Y
9	STD500 460-1032506/11	500.0	929.554898	50.0	410086.0	1.85911	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

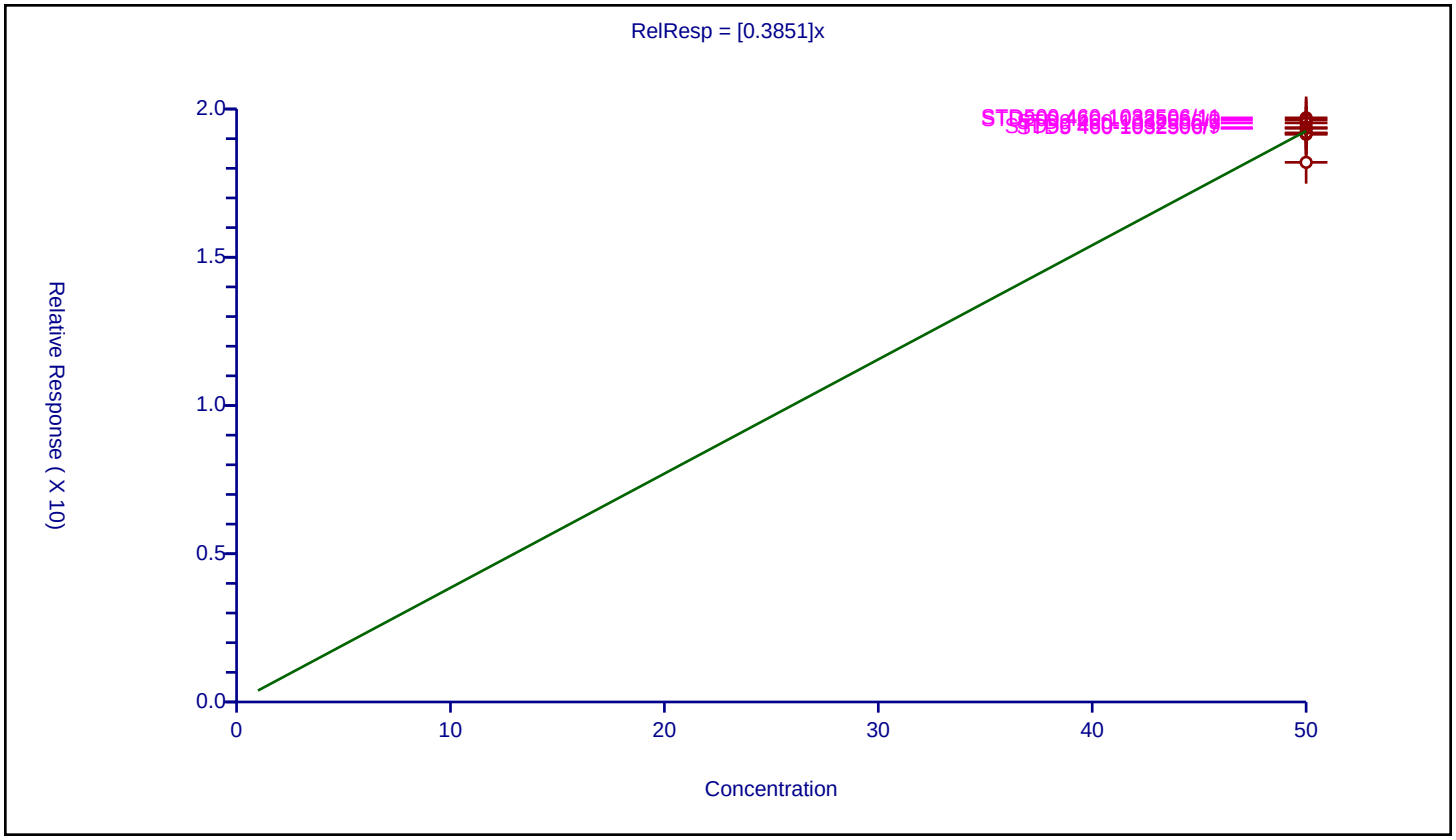
Curve Coefficients

Intercept:	0
Slope:	0.3851

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032506/3	50.0	19.53132	50.0	355104.0	0.390626	Y
2	STD8 460-1032506/4	50.0	19.188588	50.0	347764.0	0.383772	Y
3	STD05 460-1032506/5	50.0	18.20148	50.0	349554.0	0.36403	Y
4	STD1 460-1032506/6	50.0	19.146529	50.0	344300.0	0.382931	Y
5	STD5 460-1032506/7	50.0	19.348347	50.0	345598.0	0.386967	Y
6	STD20 460-1032506/8	50.0	19.18885	50.0	350860.0	0.383777	Y
7	STD50 460-1032506/9	50.0	19.372405	50.0	360025.0	0.387448	Y
8	STD200 460-1032506/10	50.0	19.631919	50.0	375488.0	0.392638	Y
9	STD500 460-1032506/11	50.0	19.702087	50.0	410086.0	0.394042	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

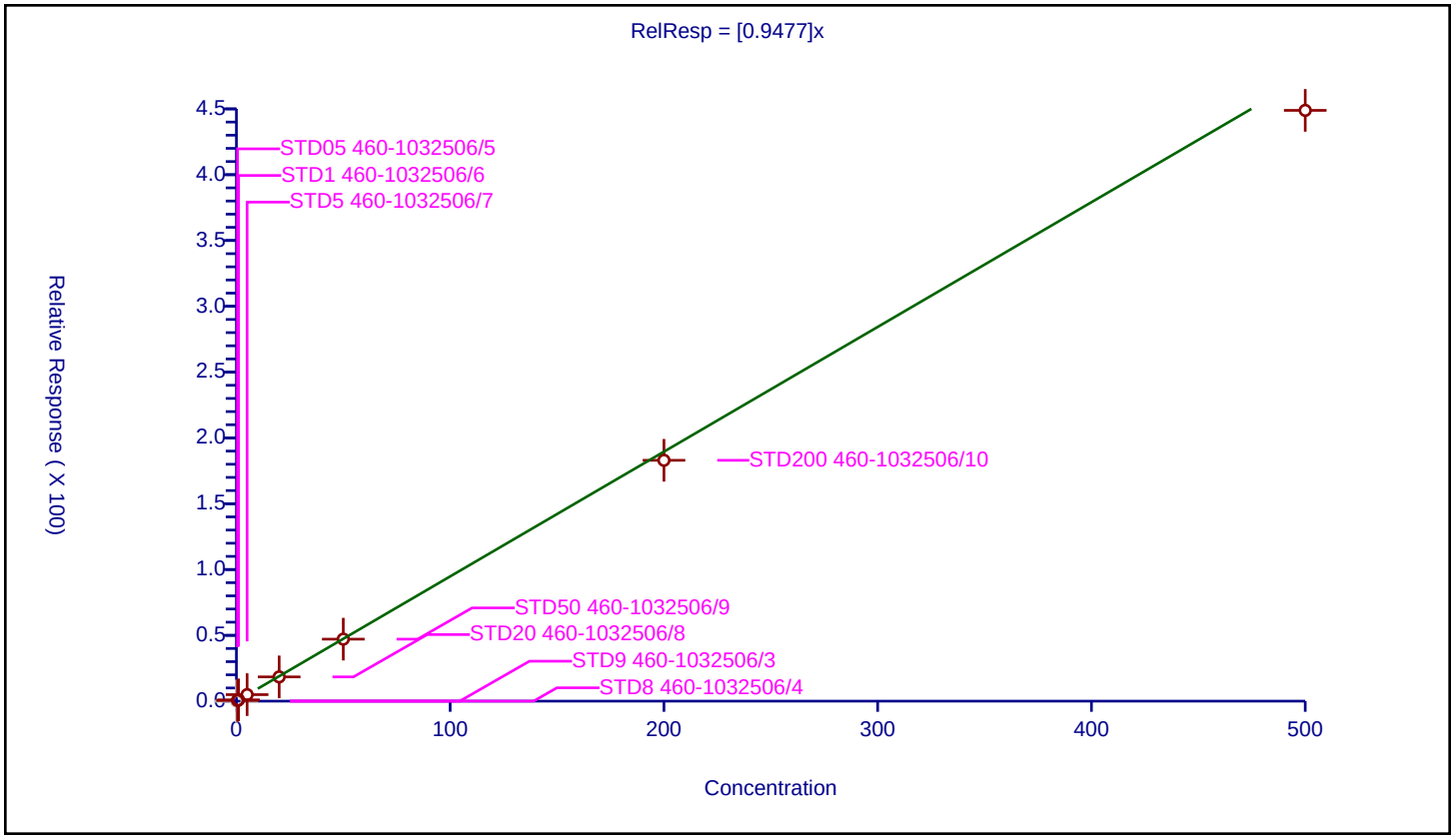
Curve Coefficients

Intercept:	0
Slope:	0.9477

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.50205	50.0	171198.0	1.004101	Y
4	STD1 460-1032506/6	1.0	0.965387	50.0	166410.0	0.965387	Y
5	STD5 460-1032506/7	5.0	4.940348	50.0	166213.0	0.98807	Y
6	STD20 460-1032506/8	20.0	18.433937	50.0	173818.0	0.921697	Y
7	STD50 460-1032506/9	50.0	47.109406	50.0	181243.0	0.942188	Y
8	STD200 460-1032506/10	200.0	182.98322	50.0	199459.0	0.914916	Y
9	STD500 460-1032506/11	500.0	448.858413	50.0	228848.0	0.897717	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

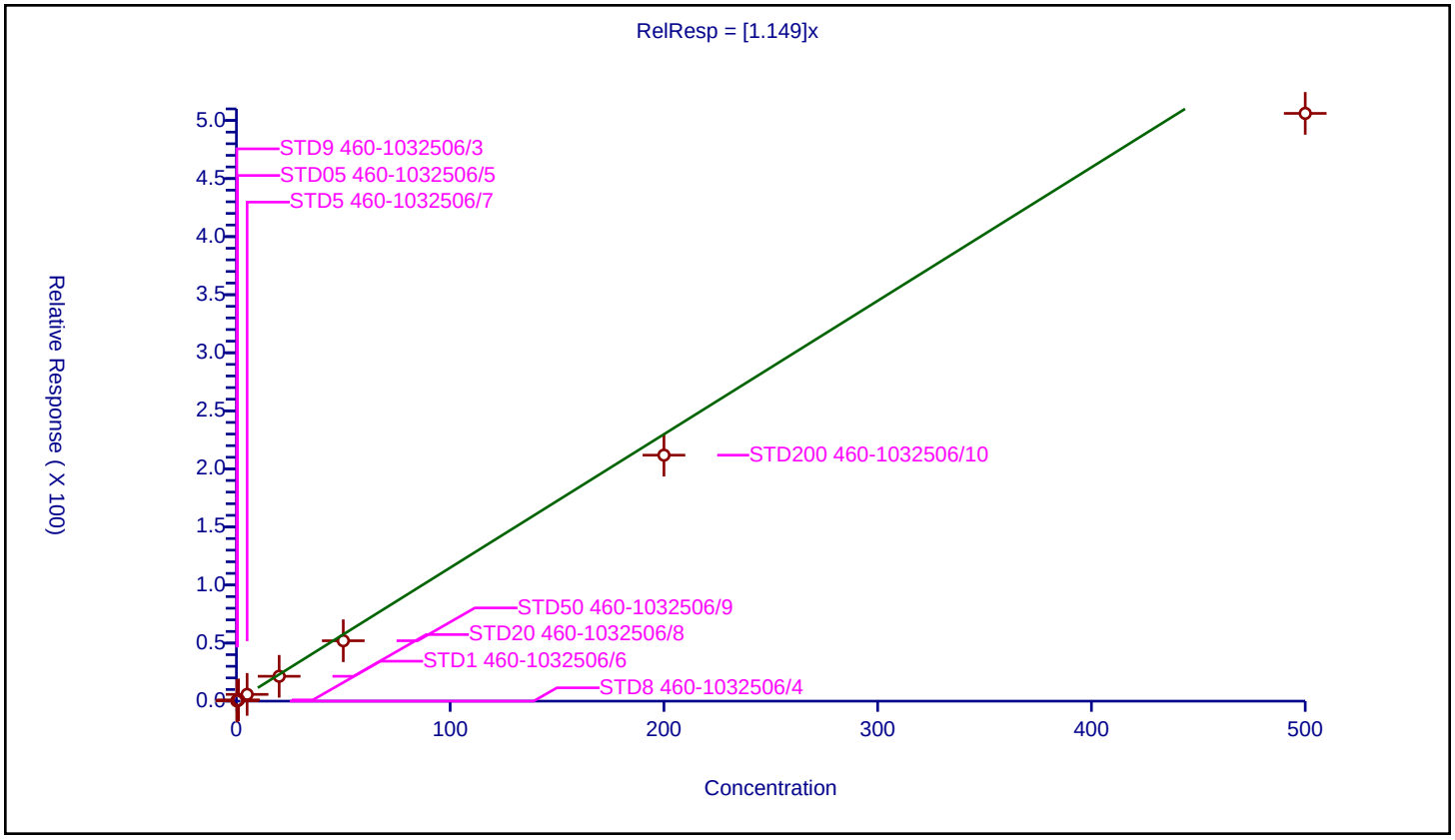
Curve Coefficients

Intercept:	0
Slope:	1.149

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.314917	50.0	166552.0	1.574583	Y
3	STD05 460-1032506/5	0.5	0.613909	50.0	171198.0	1.227818	Y
4	STD1 460-1032506/6	1.0	1.045911	50.0	166410.0	1.045911	Y
5	STD5 460-1032506/7	5.0	5.813023	50.0	166213.0	1.162605	Y
6	STD20 460-1032506/8	20.0	21.415791	50.0	173818.0	1.07079	Y
7	STD50 460-1032506/9	50.0	52.012216	50.0	181243.0	1.040244	Y
8	STD200 460-1032506/10	200.0	211.822981	50.0	199459.0	1.059115	Y
9	STD500 460-1032506/11	500.0	506.132892	50.0	228848.0	1.012266	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

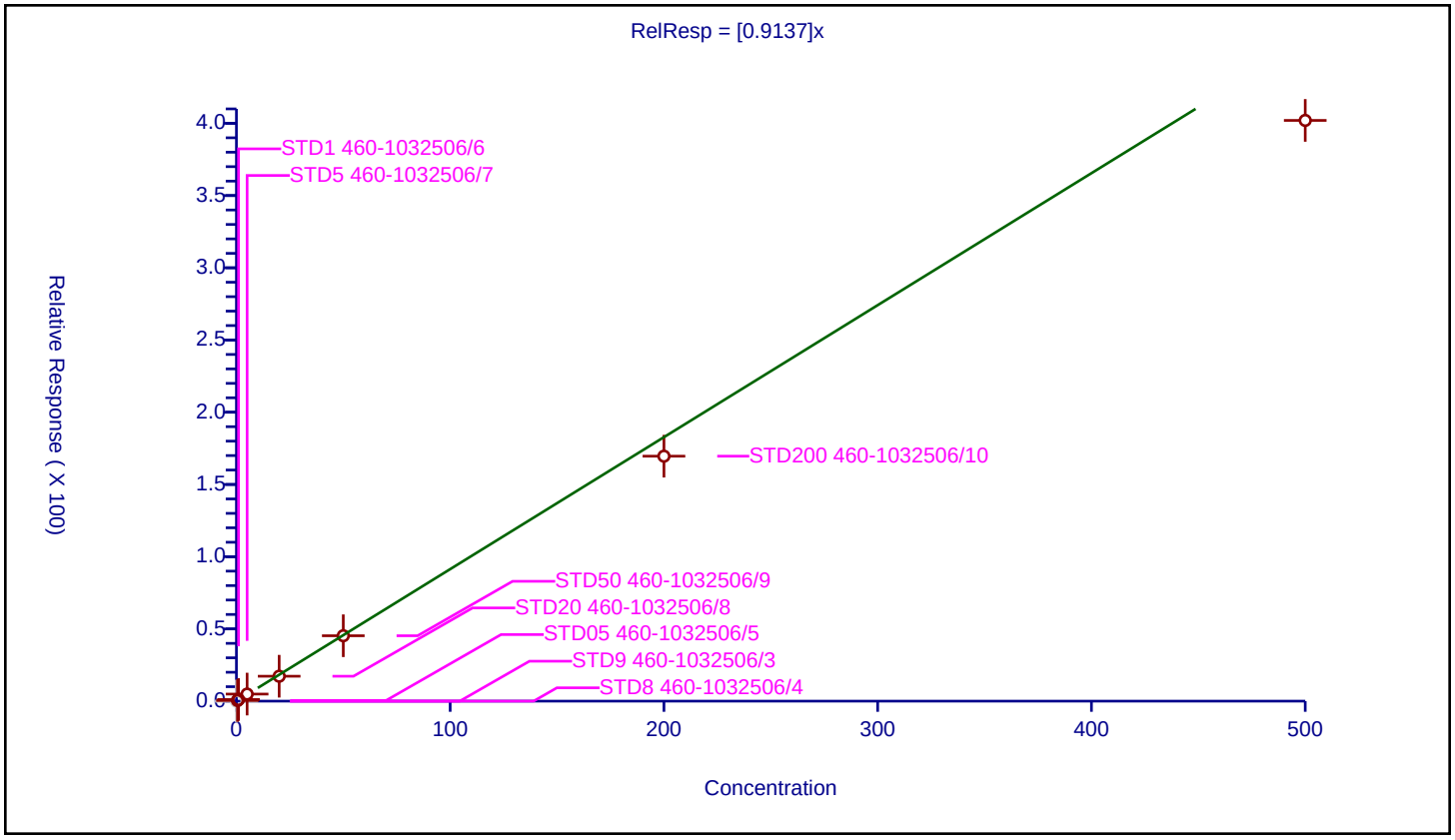
Curve Coefficients

Intercept:	0
Slope:	0.9137

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.443638	50.0	171198.0	0.887277	Y
4	STD1 460-1032506/6	1.0	1.11021	50.0	166410.0	1.11021	Y
5	STD5 460-1032506/7	5.0	4.894322	50.0	166213.0	0.978864	Y
6	STD20 460-1032506/8	20.0	17.249652	50.0	173818.0	0.862483	Y
7	STD50 460-1032506/9	50.0	45.269886	50.0	181243.0	0.905398	Y
8	STD200 460-1032506/10	200.0	169.577958	50.0	199459.0	0.84789	Y
9	STD500 460-1032506/11	500.0	402.013127	50.0	228848.0	0.804026	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

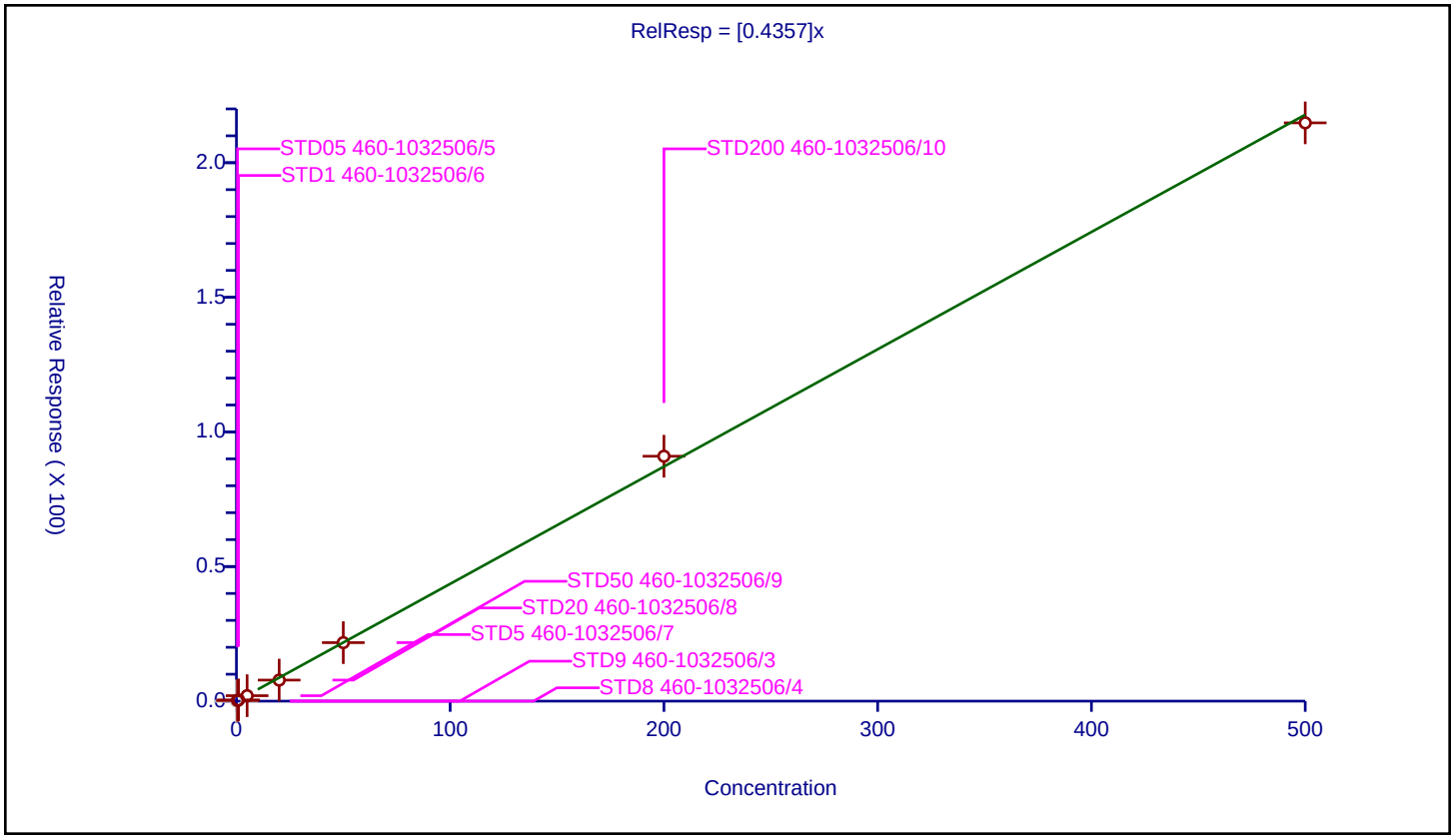
Curve Coefficients

Intercept:	0
Slope:	0.4357

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.242117	50.0	171198.0	0.484235	Y
4	STD1 460-1032506/6	1.0	0.451295	50.0	166410.0	0.451295	Y
5	STD5 460-1032506/7	5.0	2.021202	50.0	166213.0	0.40424	Y
6	STD20 460-1032506/8	20.0	7.817372	50.0	173818.0	0.390869	Y
7	STD50 460-1032506/9	50.0	21.726908	50.0	181243.0	0.434538	Y
8	STD200 460-1032506/10	200.0	90.9796	50.0	199459.0	0.454898	Y
9	STD500 460-1032506/11	500.0	214.812452	50.0	228848.0	0.429625	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

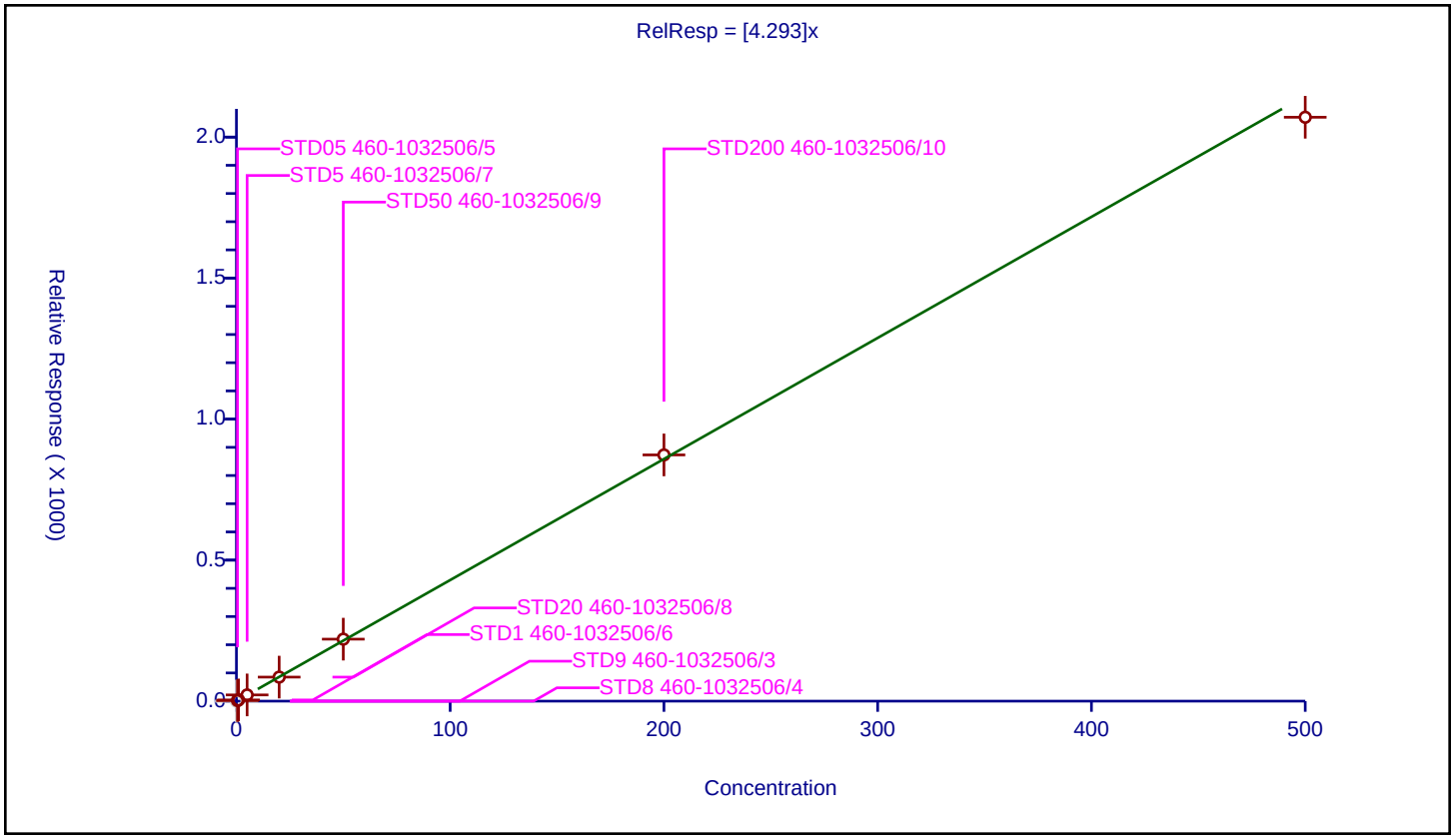
Curve Coefficients

Intercept:	0
Slope:	4.293

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	2.147513	50.0	171198.0	4.295027	Y
4	STD1 460-1032506/6	1.0	4.174929	50.0	166410.0	4.174929	Y
5	STD5 460-1032506/7	5.0	22.07559	50.0	166213.0	4.415118	Y
6	STD20 460-1032506/8	20.0	85.275115	50.0	173818.0	4.263756	Y
7	STD50 460-1032506/9	50.0	219.793592	50.0	181243.0	4.395872	Y
8	STD200 460-1032506/10	200.0	873.037567	50.0	199459.0	4.365188	Y
9	STD500 460-1032506/11	500.0	2070.360676	50.0	228848.0	4.140721	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

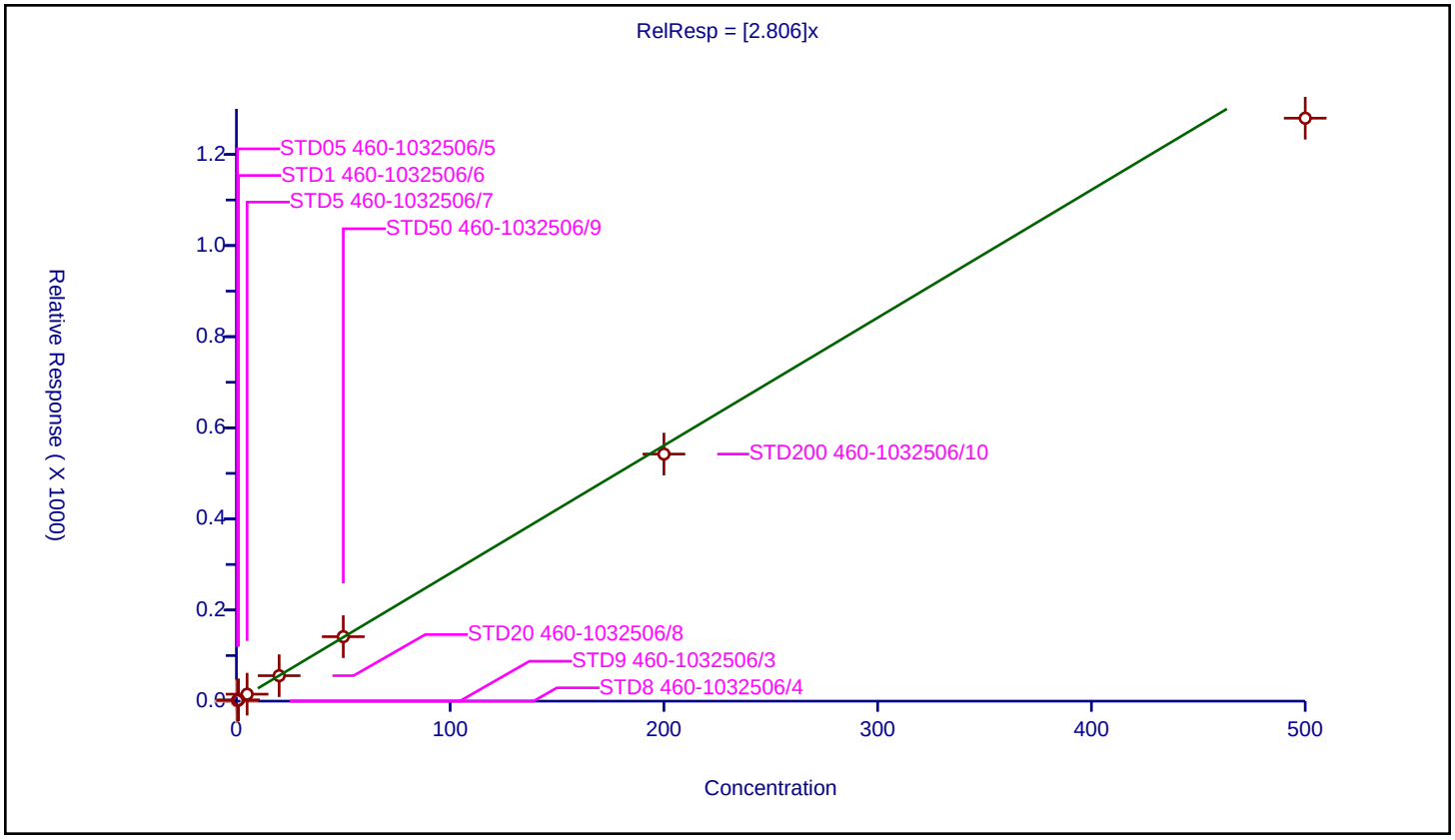
Curve Coefficients

Intercept:	0
Slope:	2.806

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.436349	50.0	171198.0	2.872697	Y
4	STD1 460-1032506/6	1.0	2.812631	50.0	166410.0	2.812631	Y
5	STD5 460-1032506/7	5.0	15.301451	50.0	166213.0	3.06029	Y
6	STD20 460-1032506/8	20.0	55.847208	50.0	173818.0	2.79236	Y
7	STD50 460-1032506/9	50.0	141.493189	50.0	181243.0	2.829864	Y
8	STD200 460-1032506/10	200.0	542.333011	50.0	199459.0	2.711665	Y
9	STD500 460-1032506/11	500.0	1279.592786	50.0	228848.0	2.559186	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

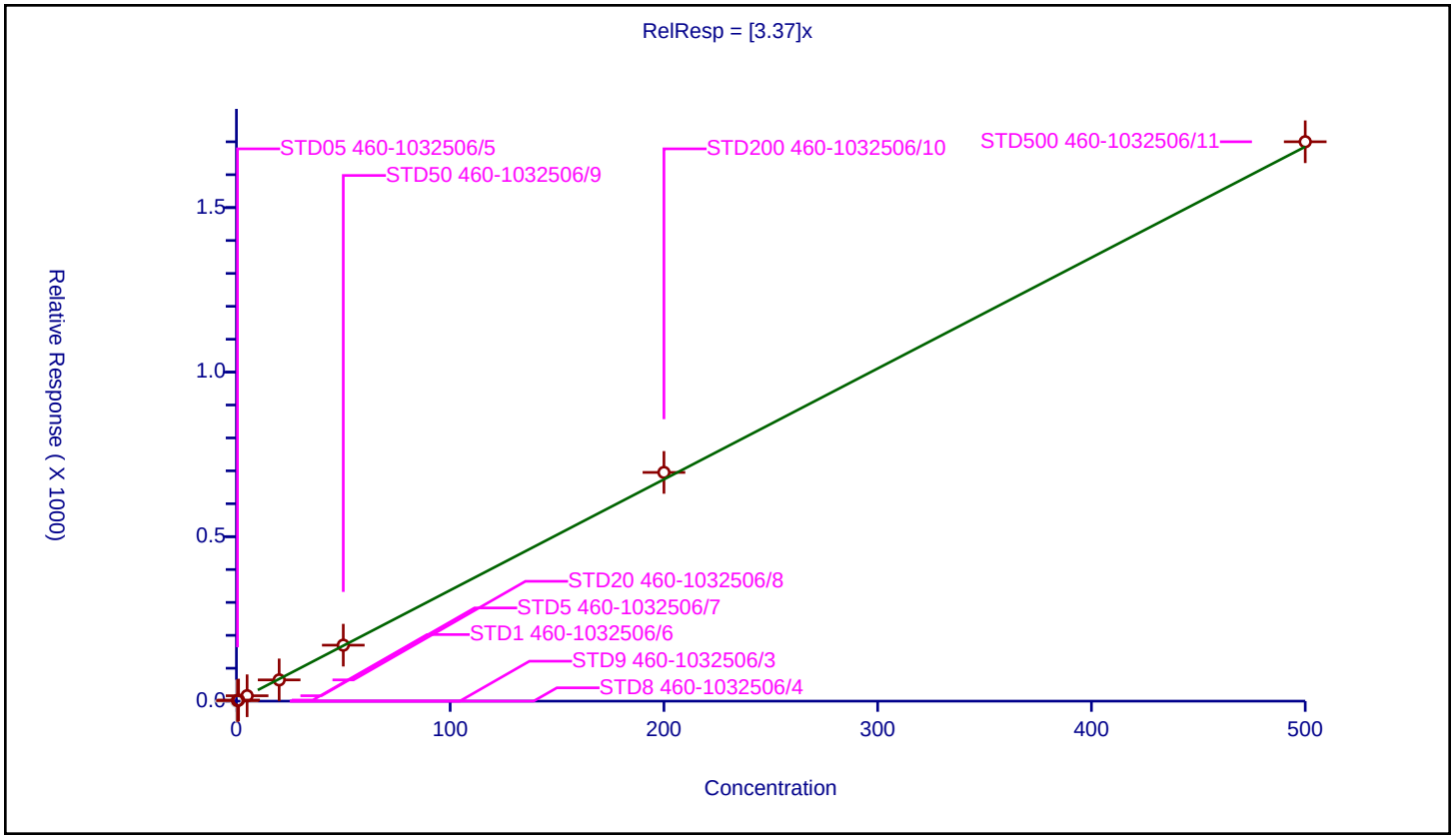
Curve Coefficients

Intercept:	0
Slope:	3.37

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.752941	50.0	171198.0	3.505882	Y
4	STD1 460-1032506/6	1.0	3.292771	50.0	166410.0	3.292771	Y
5	STD5 460-1032506/7	5.0	16.426814	50.0	166213.0	3.285363	Y
6	STD20 460-1032506/8	20.0	64.549126	50.0	173818.0	3.227456	Y
7	STD50 460-1032506/9	50.0	170.12795	50.0	181243.0	3.402559	Y
8	STD200 460-1032506/10	200.0	695.170185	50.0	199459.0	3.475851	Y
9	STD500 460-1032506/11	500.0	1700.107932	50.0	228848.0	3.400216	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

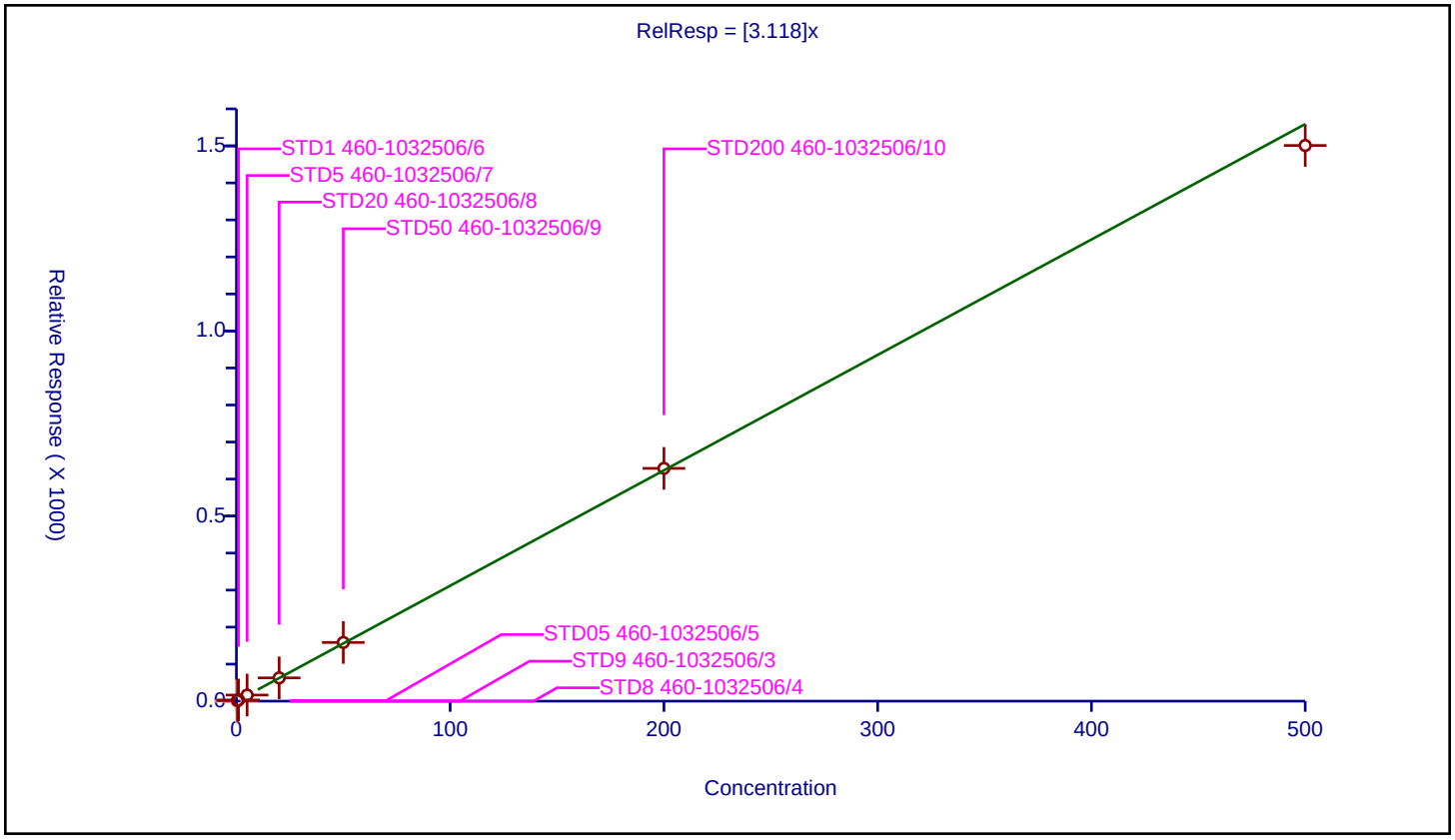
Curve Coefficients

Intercept:	0
Slope:	3.118

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.450952	50.0	171198.0	2.901903	Y
4	STD1 460-1032506/6	1.0	3.164473	50.0	166410.0	3.164473	Y
5	STD5 460-1032506/7	5.0	16.487278	50.0	166213.0	3.297456	Y
6	STD20 460-1032506/8	20.0	62.866331	50.0	173818.0	3.143317	Y
7	STD50 460-1032506/9	50.0	158.538537	50.0	181243.0	3.170771	Y
8	STD200 460-1032506/10	200.0	628.830236	50.0	199459.0	3.144151	Y
9	STD500 460-1032506/11	500.0	1501.155789	50.0	228848.0	3.002312	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

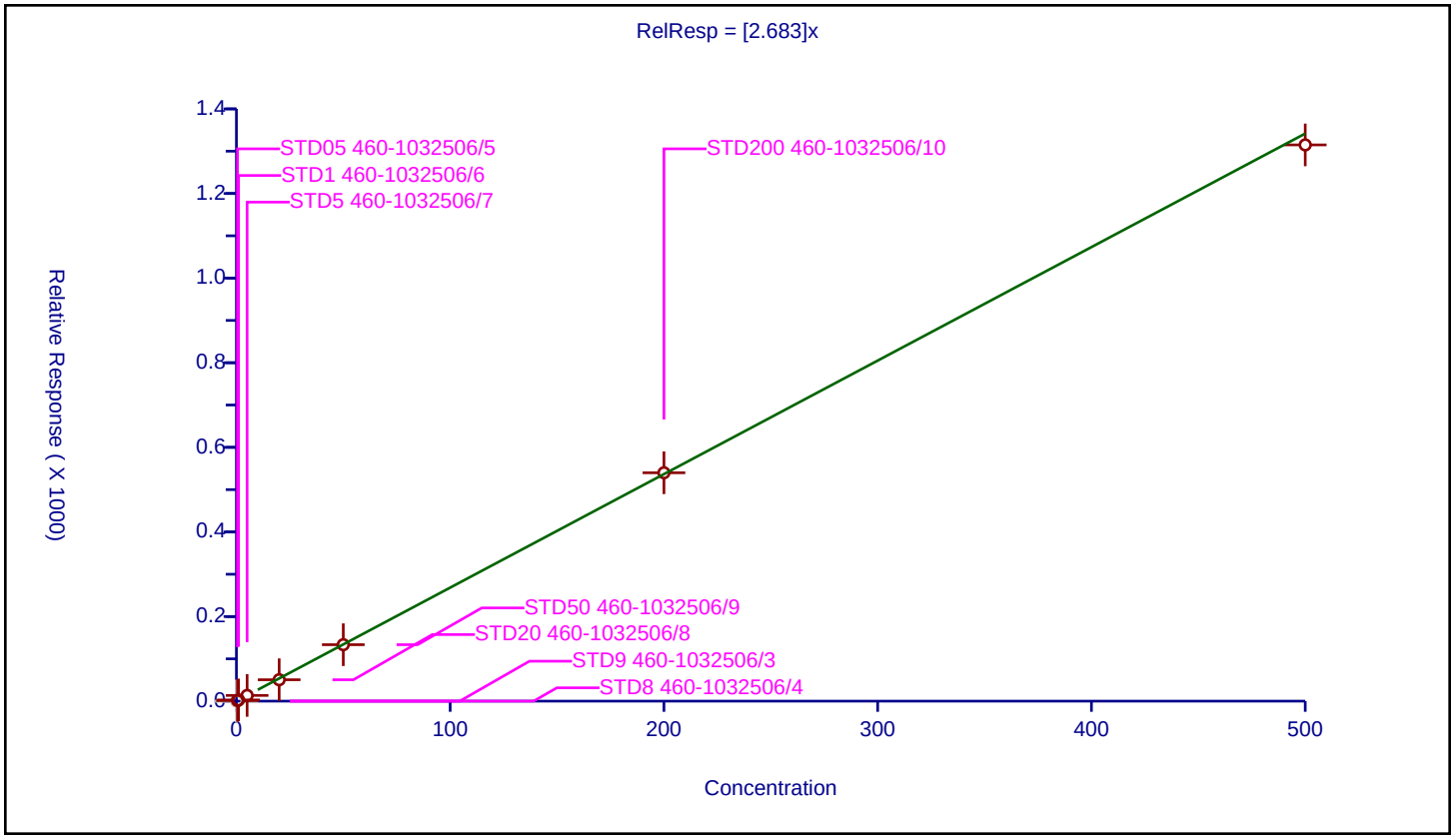
Curve Coefficients

Intercept:	0
Slope:	2.683

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.368007	50.0	171198.0	2.736013	Y
4	STD1 460-1032506/6	1.0	2.821044	50.0	166410.0	2.821044	Y
5	STD5 460-1032506/7	5.0	13.501651	50.0	166213.0	2.70033	Y
6	STD20 460-1032506/8	20.0	50.571	50.0	173818.0	2.52855	Y
7	STD50 460-1032506/9	50.0	133.414808	50.0	181243.0	2.668296	Y
8	STD200 460-1032506/10	200.0	539.847036	50.0	199459.0	2.699235	Y
9	STD500 460-1032506/11	500.0	1314.867947	50.0	228848.0	2.629736	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

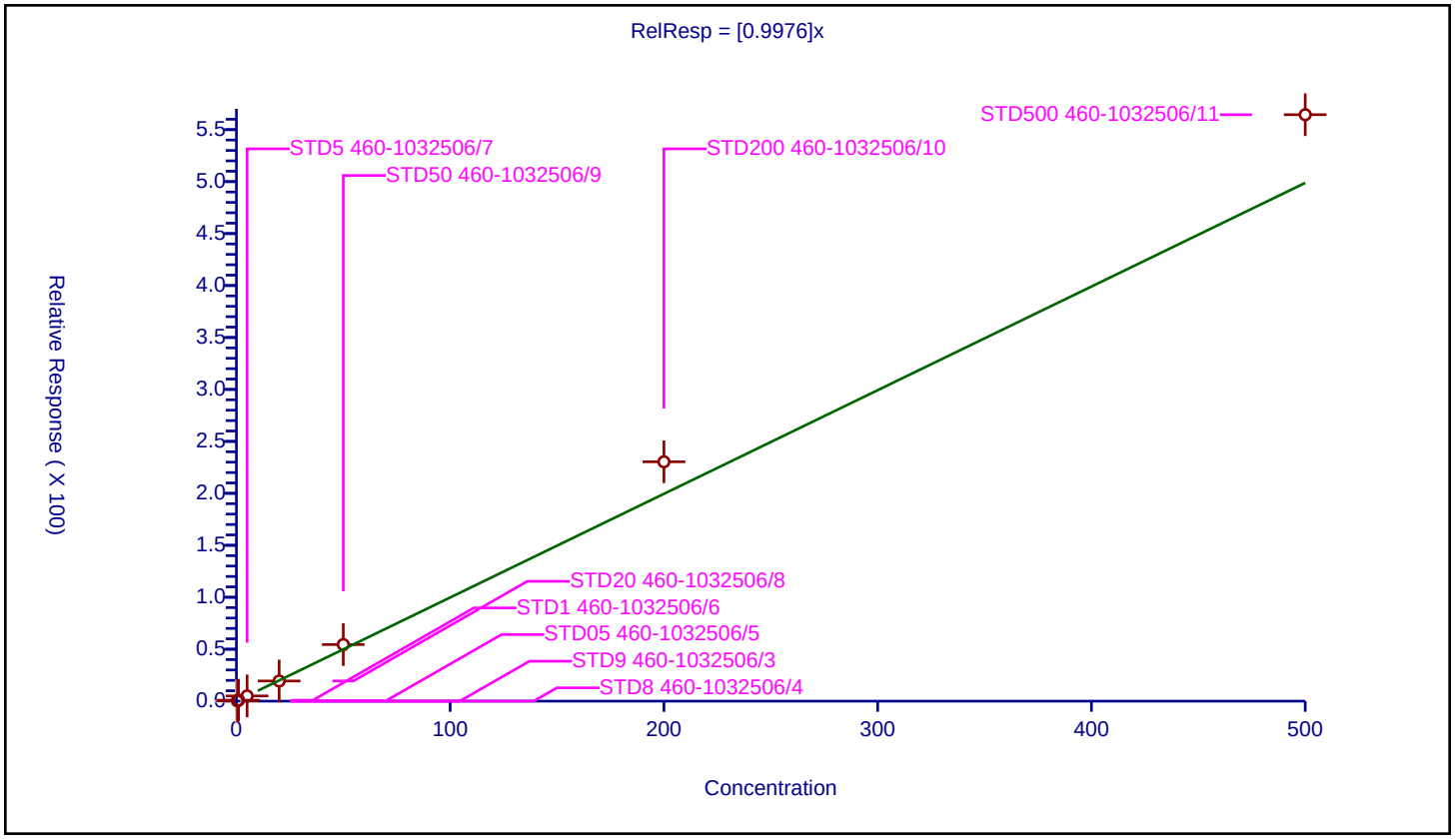
Curve Coefficients

Intercept:	0
Slope:	0.9976

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.383182	50.0	171198.0	0.766364	Y
4	STD1 460-1032506/6	1.0	0.874647	50.0	166410.0	0.874647	Y
5	STD5 460-1032506/7	5.0	5.011341	50.0	166213.0	1.002268	Y
6	STD20 460-1032506/8	20.0	19.398164	50.0	173818.0	0.969908	Y
7	STD50 460-1032506/9	50.0	54.450931	50.0	181243.0	1.089019	Y
8	STD200 460-1032506/10	200.0	230.374914	50.0	199459.0	1.151875	Y
9	STD500 460-1032506/11	500.0	564.418085	50.0	228848.0	1.128836	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

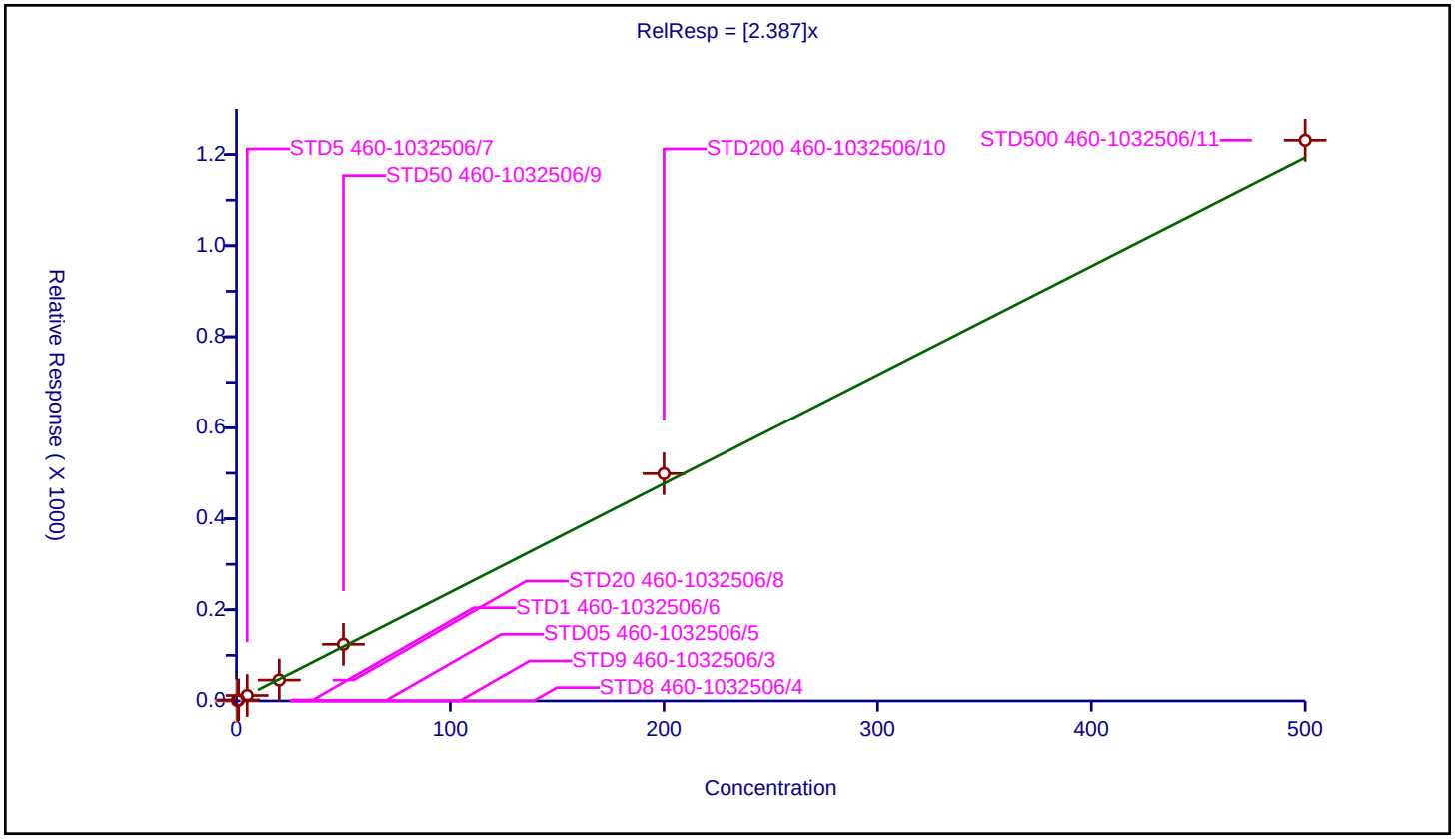
Curve Coefficients

Intercept:	0
Slope:	2.387

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.174079	50.0	171198.0	2.348158	Y
4	STD1 460-1032506/6	1.0	2.226128	50.0	166410.0	2.226128	Y
5	STD5 460-1032506/7	5.0	11.991541	50.0	166213.0	2.398308	Y
6	STD20 460-1032506/8	20.0	45.830696	50.0	173818.0	2.291535	Y
7	STD50 460-1032506/9	50.0	124.336388	50.0	181243.0	2.486728	Y
8	STD200 460-1032506/10	200.0	499.102823	50.0	199459.0	2.495514	Y
9	STD500 460-1032506/11	500.0	1231.377377	50.0	228848.0	2.462755	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

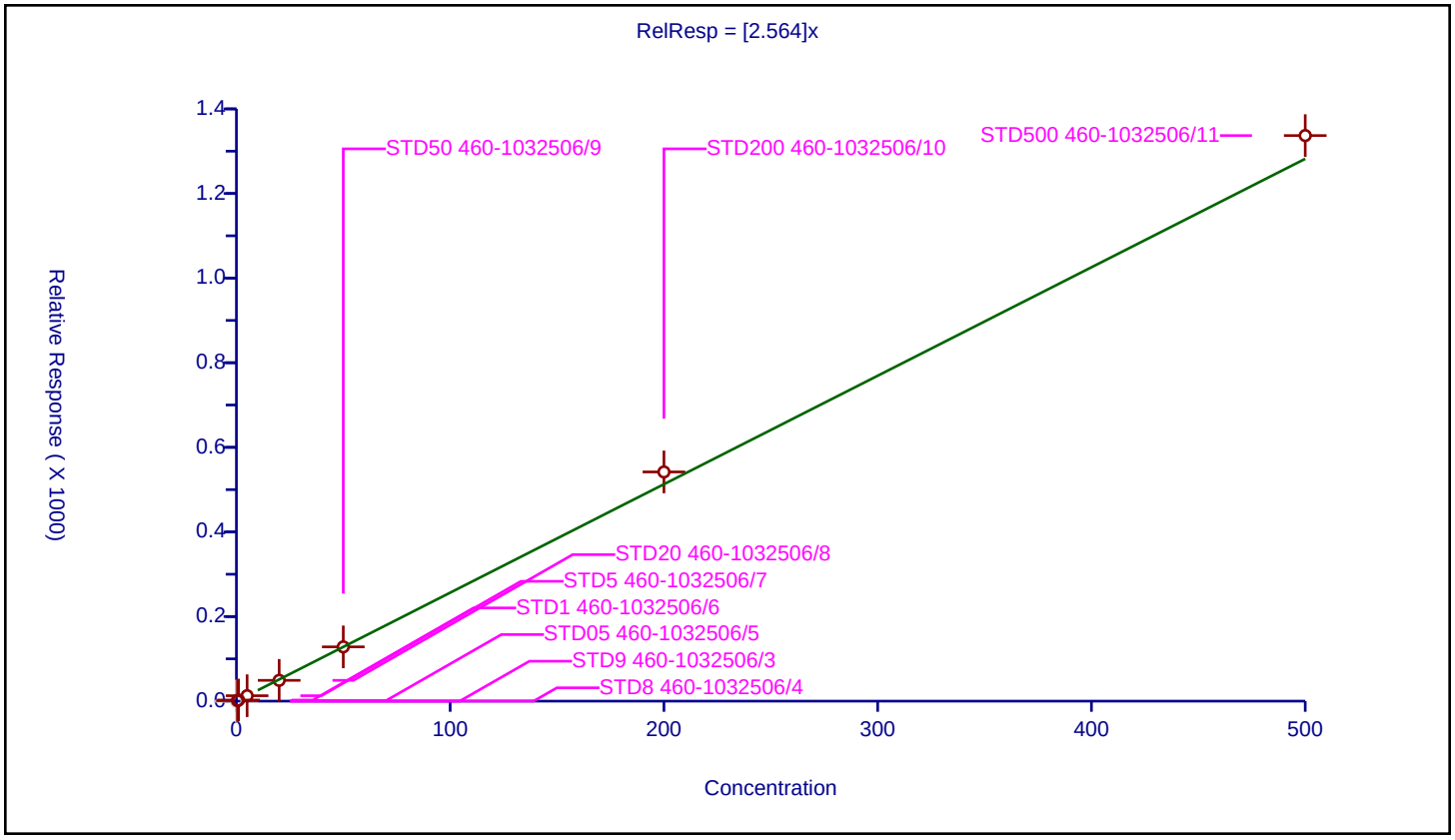
Curve Coefficients

Intercept:	0
Slope:	2.564

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.207082	50.0	171198.0	2.414164	Y
4	STD1 460-1032506/6	1.0	2.563848	50.0	166410.0	2.563848	Y
5	STD5 460-1032506/7	5.0	12.811573	50.0	166213.0	2.562315	Y
6	STD20 460-1032506/8	20.0	49.166657	50.0	173818.0	2.458333	Y
7	STD50 460-1032506/9	50.0	128.297645	50.0	181243.0	2.565953	Y
8	STD200 460-1032506/10	200.0	541.791546	50.0	199459.0	2.708958	Y
9	STD500 460-1032506/11	500.0	1336.889114	50.0	228848.0	2.673778	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

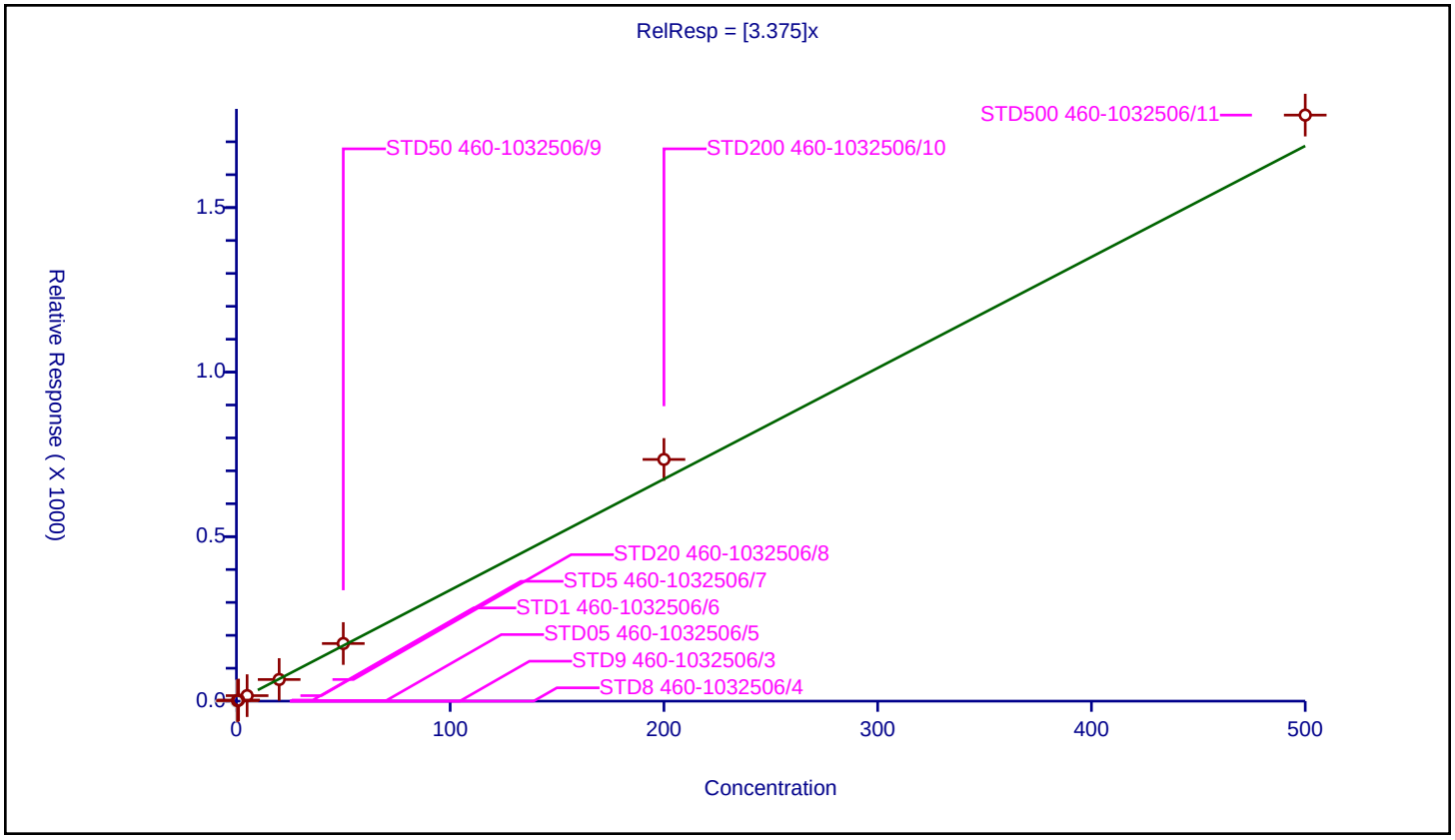
Curve Coefficients

Intercept:	0
Slope:	3.375

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.499725	50.0	171198.0	2.999451	Y
4	STD1 460-1032506/6	1.0	3.250406	50.0	166410.0	3.250406	Y
5	STD5 460-1032506/7	5.0	16.731242	50.0	166213.0	3.346248	Y
6	STD20 460-1032506/8	20.0	65.776272	50.0	173818.0	3.288814	Y
7	STD50 460-1032506/9	50.0	175.166765	50.0	181243.0	3.503335	Y
8	STD200 460-1032506/10	200.0	734.549958	50.0	199459.0	3.67275	Y
9	STD500 460-1032506/11	500.0	1781.150808	50.0	228848.0	3.562302	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

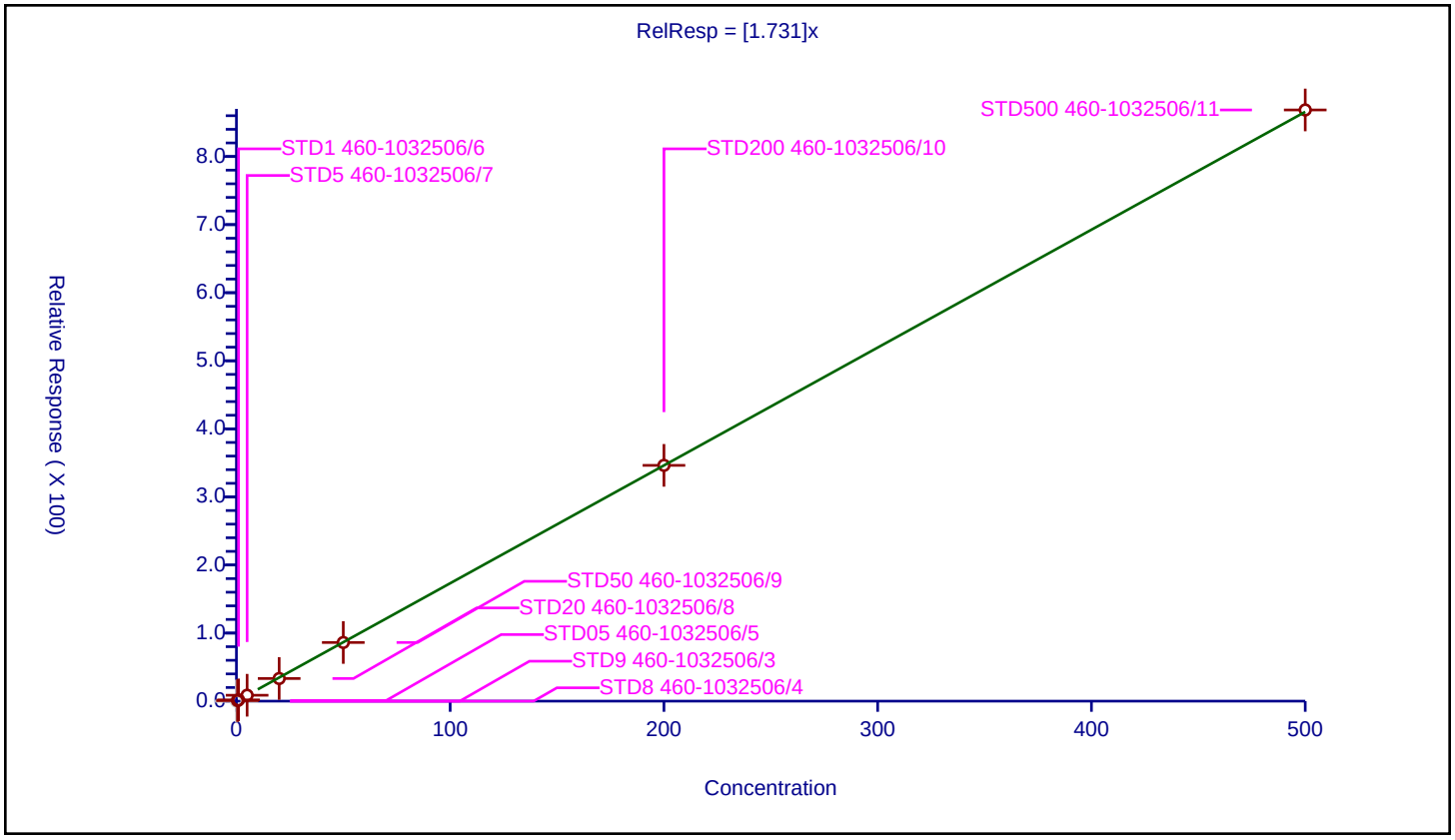
Curve Coefficients

Intercept:	0
Slope:	1.731

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.857195	50.0	171198.0	1.714389	Y
4	STD1 460-1032506/6	1.0	1.815997	50.0	166410.0	1.815997	Y
5	STD5 460-1032506/7	5.0	8.674713	50.0	166213.0	1.734943	Y
6	STD20 460-1032506/8	20.0	33.232462	50.0	173818.0	1.661623	Y
7	STD50 460-1032506/9	50.0	86.164983	50.0	181243.0	1.7233	Y
8	STD200 460-1032506/10	200.0	346.369179	50.0	199459.0	1.731846	Y
9	STD500 460-1032506/11	500.0	868.427078	50.0	228848.0	1.736854	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

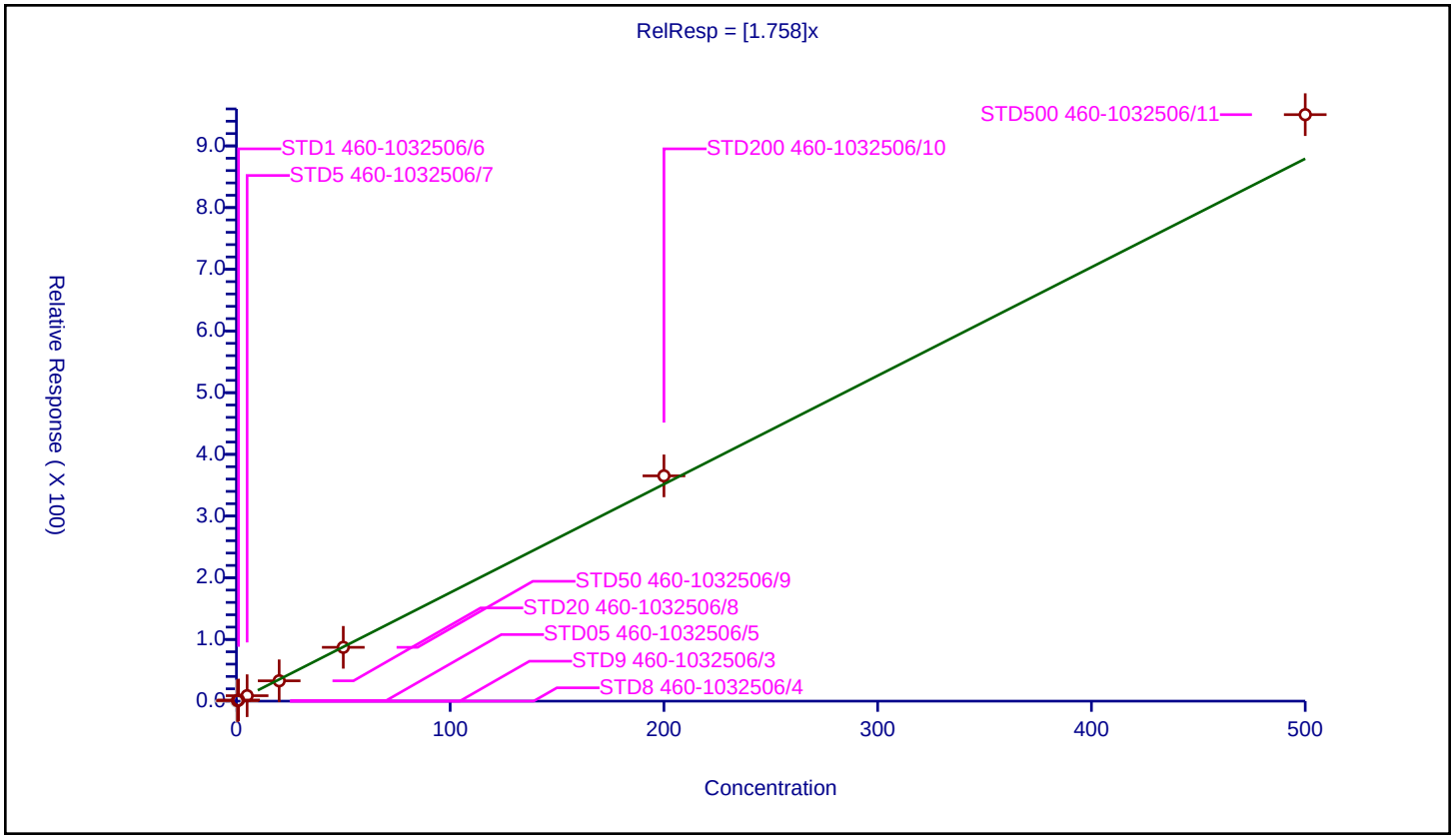
Curve Coefficients

Intercept:	0
Slope:	1.758

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.822147	50.0	171198.0	1.644295	Y
4	STD1 460-1032506/6	1.0	1.784148	50.0	166410.0	1.784148	Y
5	STD5 460-1032506/7	5.0	8.807674	50.0	166213.0	1.761535	Y
6	STD20 460-1032506/8	20.0	32.953722	50.0	173818.0	1.647686	Y
7	STD50 460-1032506/9	50.0	87.209713	50.0	181243.0	1.744194	Y
8	STD200 460-1032506/10	200.0	365.178057	50.0	199459.0	1.82589	Y
9	STD500 460-1032506/11	500.0	950.666381	50.0	228848.0	1.901333	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

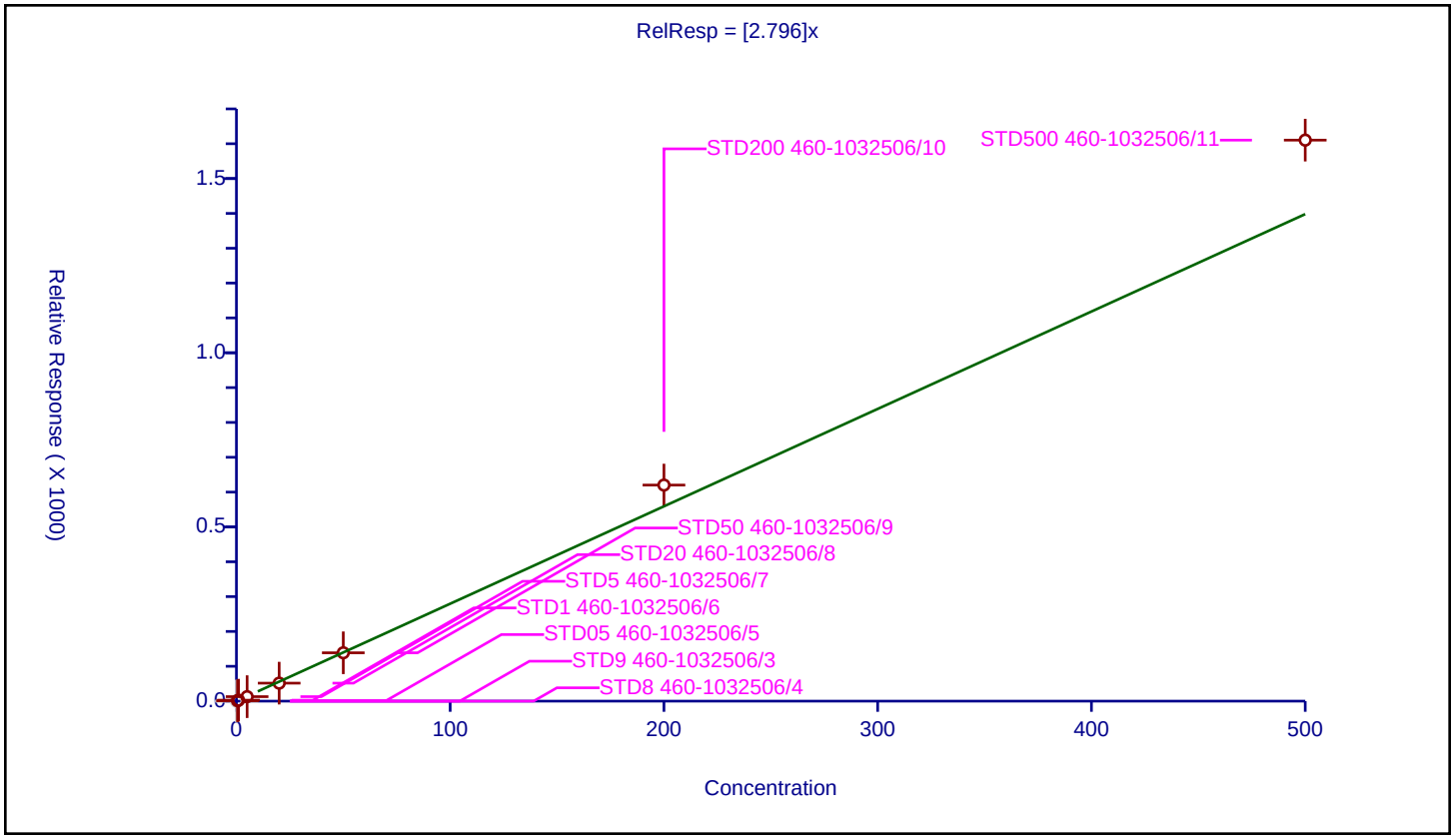
Curve Coefficients

Intercept:	0
Slope:	2.796

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.289151	50.0	171198.0	2.578301	Y
4	STD1 460-1032506/6	1.0	2.729403	50.0	166410.0	2.729403	Y
5	STD5 460-1032506/7	5.0	12.911746	50.0	166213.0	2.582349	Y
6	STD20 460-1032506/8	20.0	51.650865	50.0	173818.0	2.582543	Y
7	STD50 460-1032506/9	50.0	138.832948	50.0	181243.0	2.776659	Y
8	STD200 460-1032506/10	200.0	620.227967	50.0	199459.0	3.10114	Y
9	STD500 460-1032506/11	500.0	1610.327816	50.0	228848.0	3.220656	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

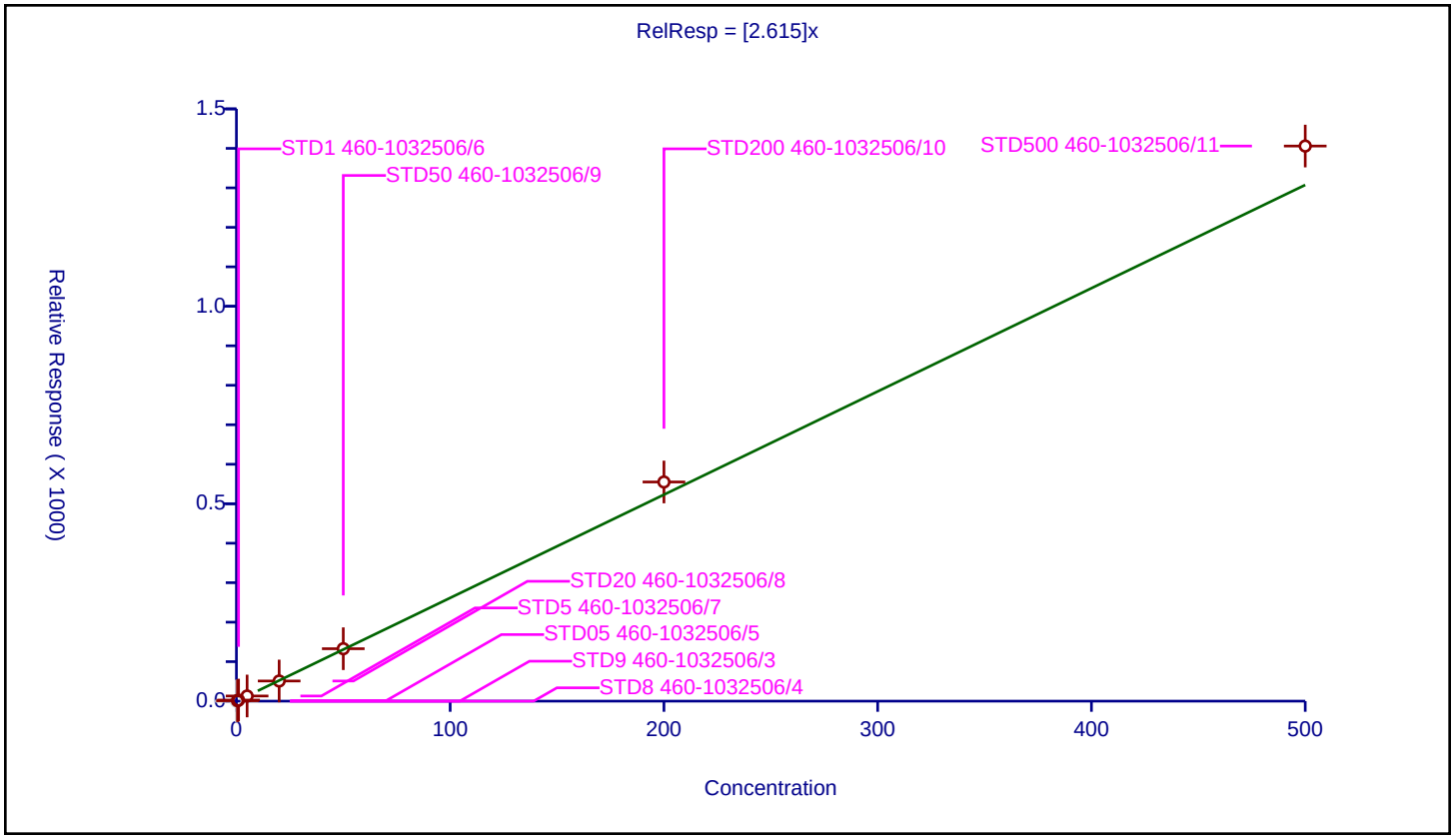
Curve Coefficients

Intercept:	0
Slope:	2.615

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.134943	50.0	171198.0	2.269886	Y
4	STD1 460-1032506/6	1.0	2.634758	50.0	166410.0	2.634758	Y
5	STD5 460-1032506/7	5.0	13.029366	50.0	166213.0	2.605873	Y
6	STD20 460-1032506/8	20.0	51.001622	50.0	173818.0	2.550081	Y
7	STD50 460-1032506/9	50.0	132.761541	50.0	181243.0	2.655231	Y
8	STD200 460-1032506/10	200.0	555.073975	50.0	199459.0	2.77537	Y
9	STD500 460-1032506/11	500.0	1405.868743	50.0	228848.0	2.811737	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

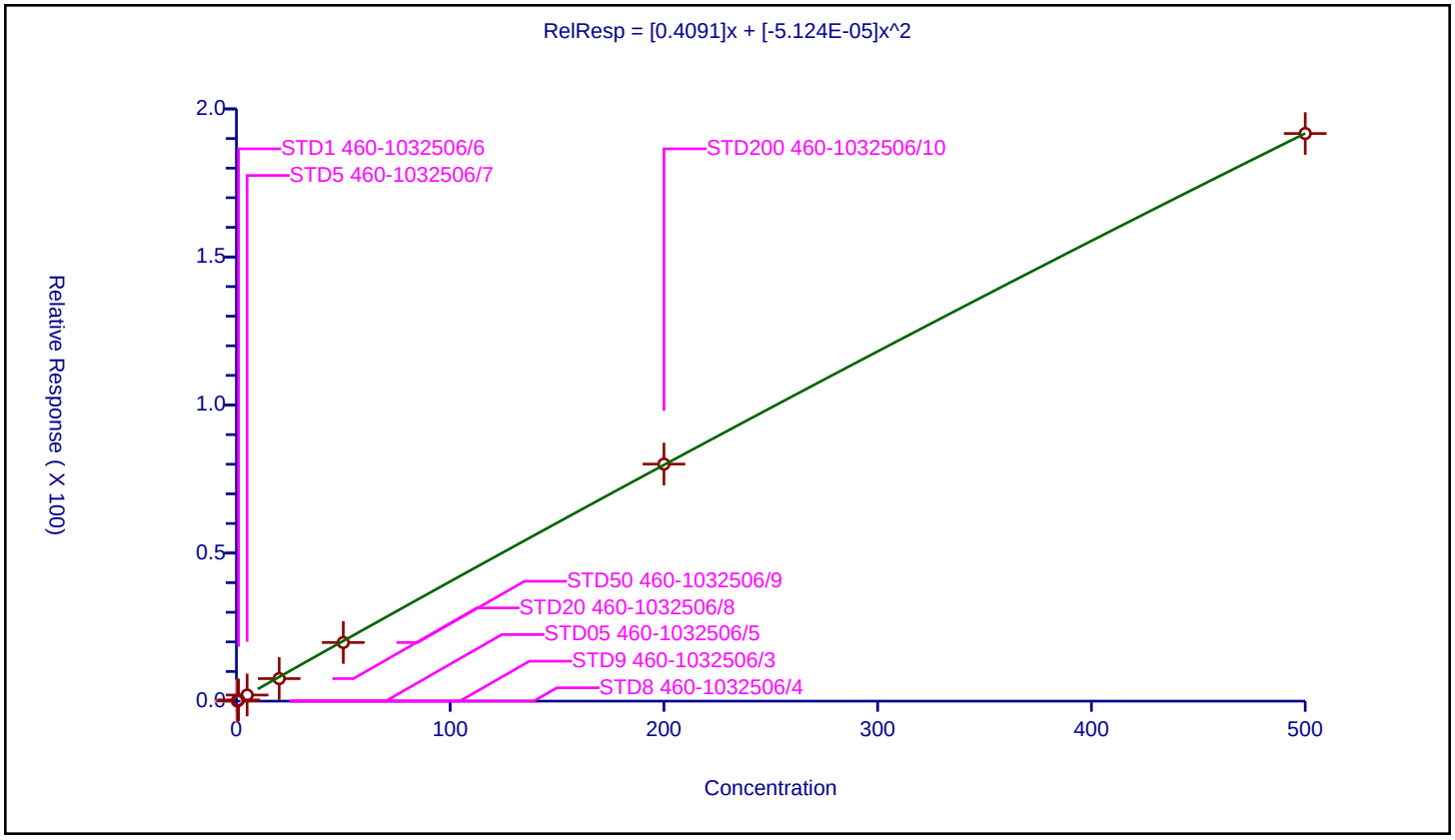
Curve Coefficients

Intercept:	0
Slope:	0.4091
Second Order:	-5.124E-05

Error Coefficients

Relative Standard Deviation:	26.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.086158	50.0	171198.0	0.172315	Y
4	STD1 460-1032506/6	1.0	0.412235	50.0	166410.0	0.412235	Y
5	STD5 460-1032506/7	5.0	2.068129	50.0	166213.0	0.413626	Y
6	STD20 460-1032506/8	20.0	7.603355	50.0	173818.0	0.380168	Y
7	STD50 460-1032506/9	50.0	19.802972	50.0	181243.0	0.396059	Y
8	STD200 460-1032506/10	200.0	80.050537	50.0	199459.0	0.400253	Y
9	STD500 460-1032506/11	500.0	191.688588	50.0	228848.0	0.383377	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

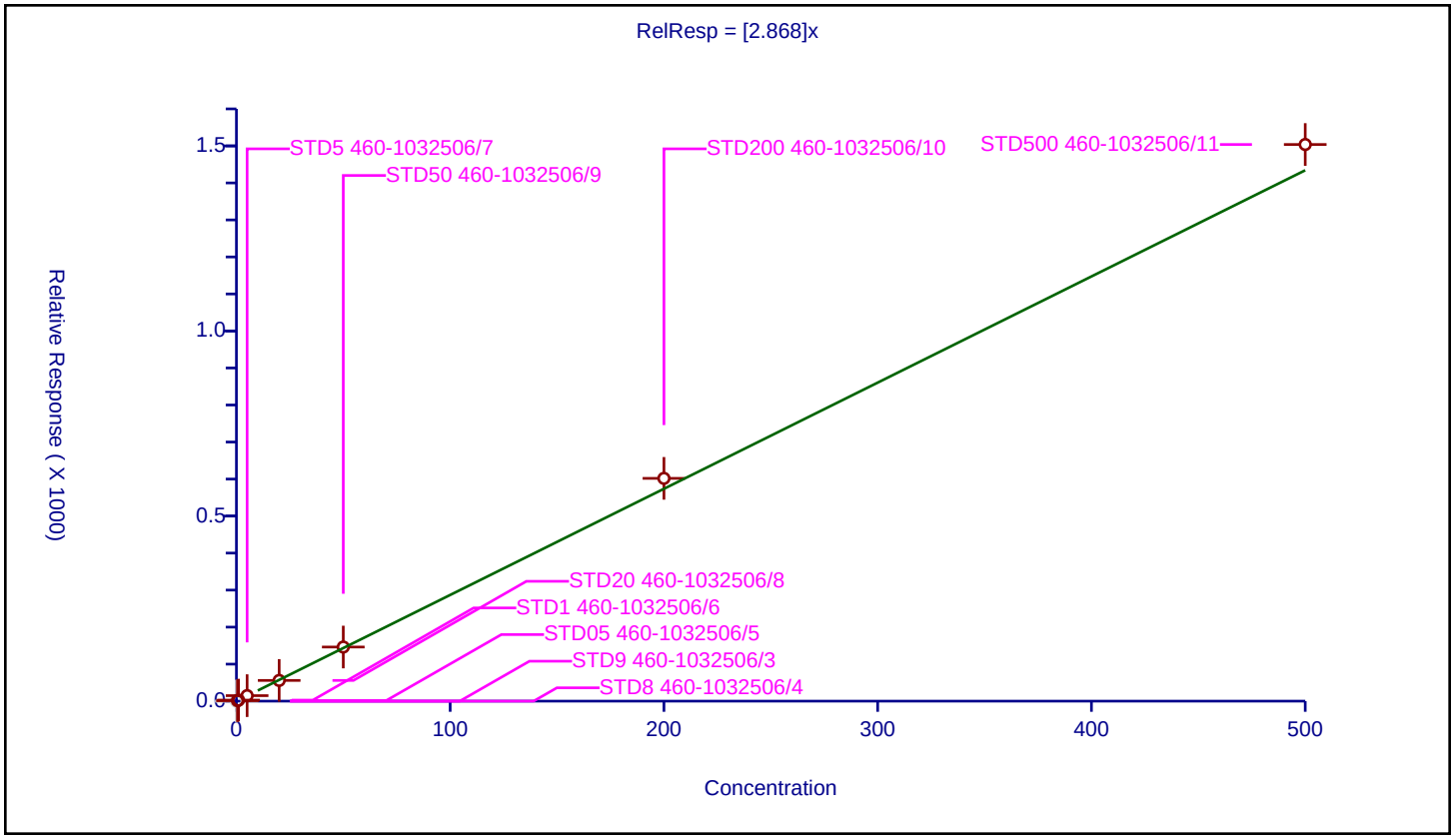
Curve Coefficients

Intercept:	0
Slope:	2.868

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.308719	50.0	171198.0	2.617437	Y
4	STD1 460-1032506/6	1.0	2.745328	50.0	166410.0	2.745328	Y
5	STD5 460-1032506/7	5.0	14.889028	50.0	166213.0	2.977806	Y
6	STD20 460-1032506/8	20.0	55.940121	50.0	173818.0	2.797006	Y
7	STD50 460-1032506/9	50.0	146.177783	50.0	181243.0	2.923556	Y
8	STD200 460-1032506/10	200.0	601.891115	50.0	199459.0	3.009456	Y
9	STD500 460-1032506/11	500.0	1503.761667	50.0	228848.0	3.007523	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

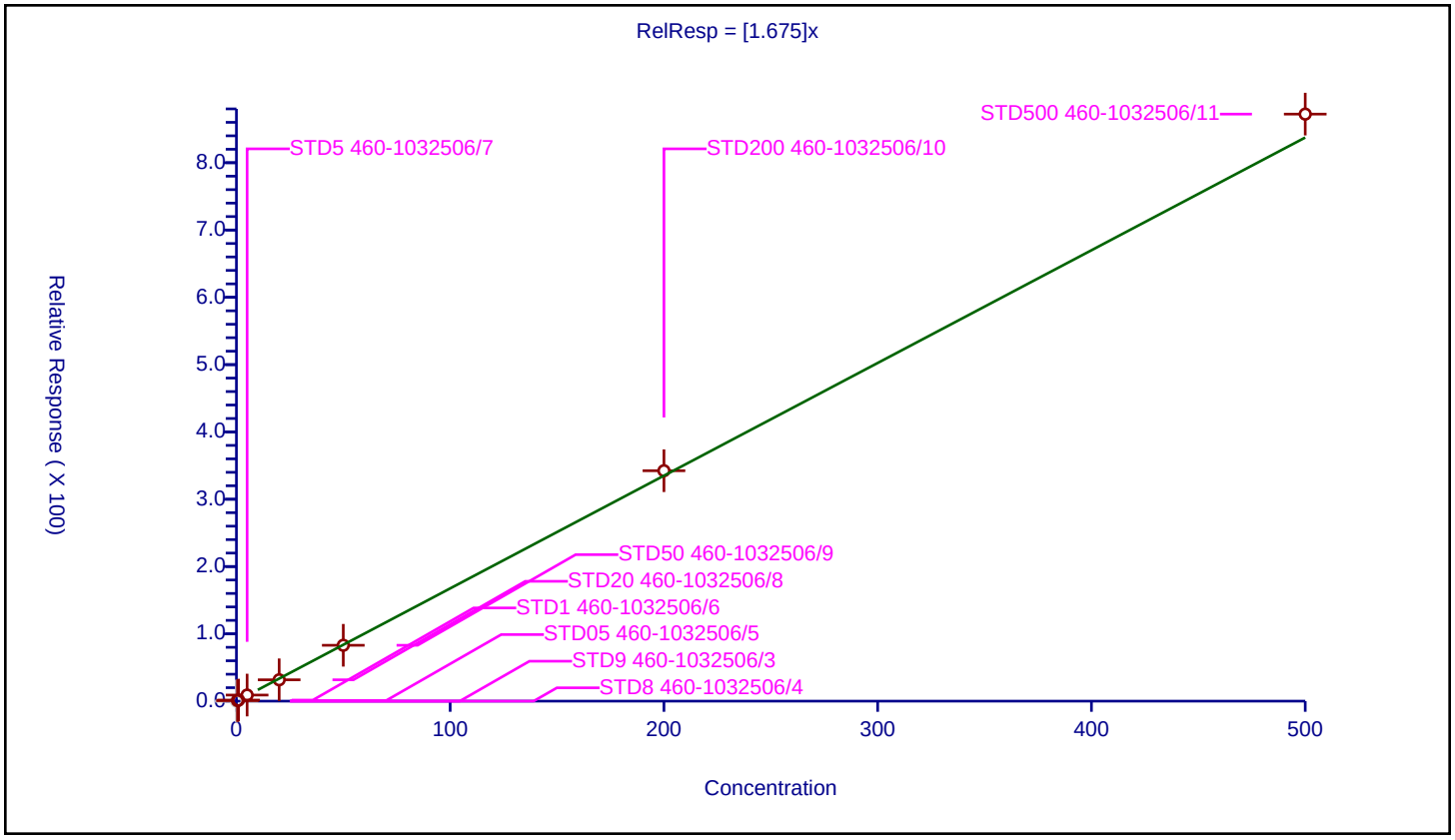
Curve Coefficients

Intercept:	0
Slope:	1.675

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.829741	50.0	171198.0	1.659482	Y
4	STD1 460-1032506/6	1.0	1.557599	50.0	166410.0	1.557599	Y
5	STD5 460-1032506/7	5.0	9.025467	50.0	166213.0	1.805093	Y
6	STD20 460-1032506/8	20.0	31.714494	50.0	173818.0	1.585725	Y
7	STD50 460-1032506/9	50.0	82.99024	50.0	181243.0	1.659805	Y
8	STD200 460-1032506/10	200.0	342.391419	50.0	199459.0	1.711957	Y
9	STD500 460-1032506/11	500.0	872.223703	50.0	228848.0	1.744447	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

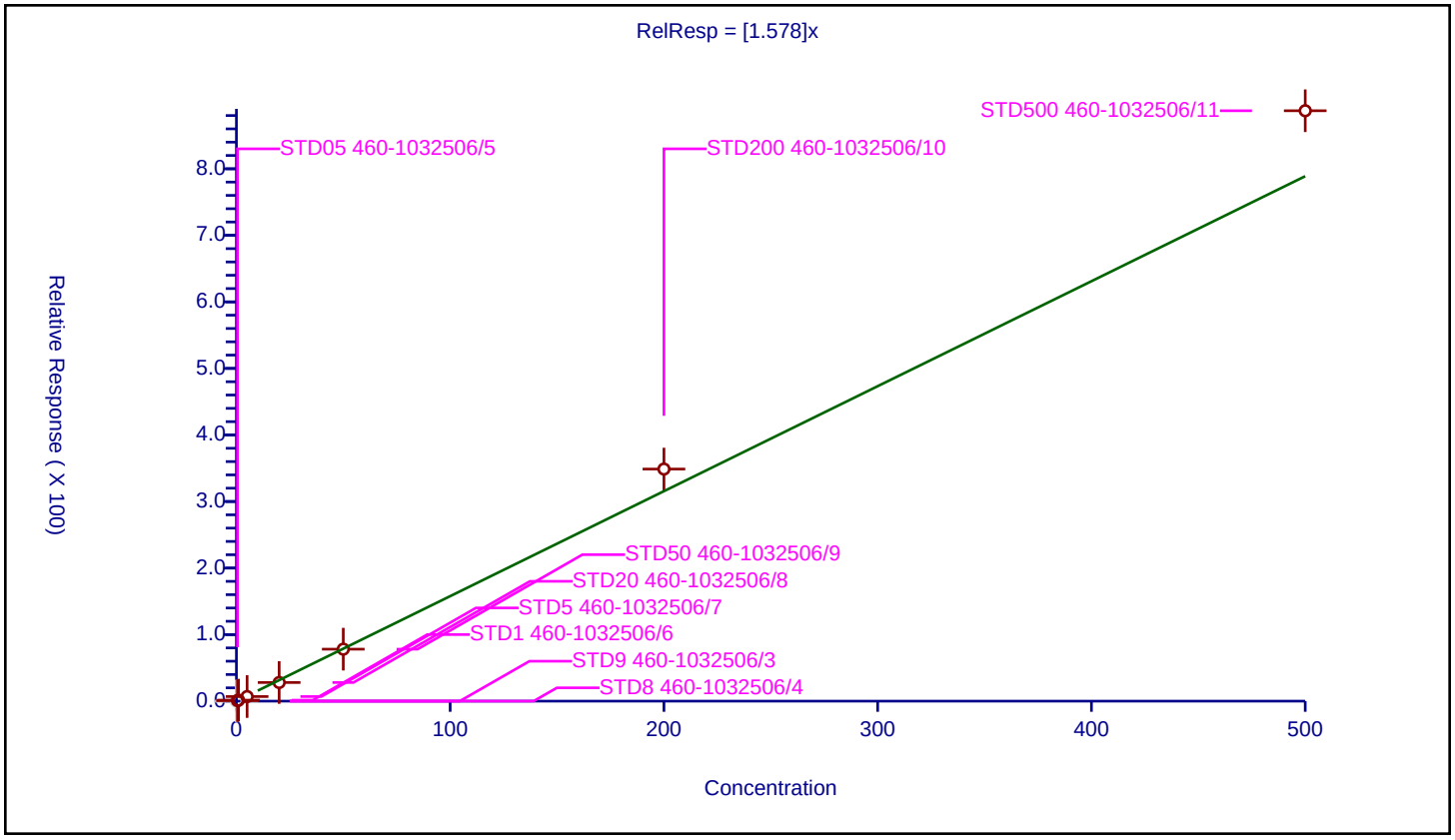
Curve Coefficients

Intercept:	0
Slope:	1.578

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.83529	50.0	171198.0	1.67058	Y
4	STD1 460-1032506/6	1.0	1.507722	50.0	166410.0	1.507722	Y
5	STD5 460-1032506/7	5.0	6.922443	50.0	166213.0	1.384489	Y
6	STD20 460-1032506/8	20.0	28.008319	50.0	173818.0	1.400416	Y
7	STD50 460-1032506/9	50.0	78.095982	50.0	181243.0	1.56192	Y
8	STD200 460-1032506/10	200.0	348.769421	50.0	199459.0	1.743847	Y
9	STD500 460-1032506/11	500.0	887.20286	50.0	228848.0	1.774406	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

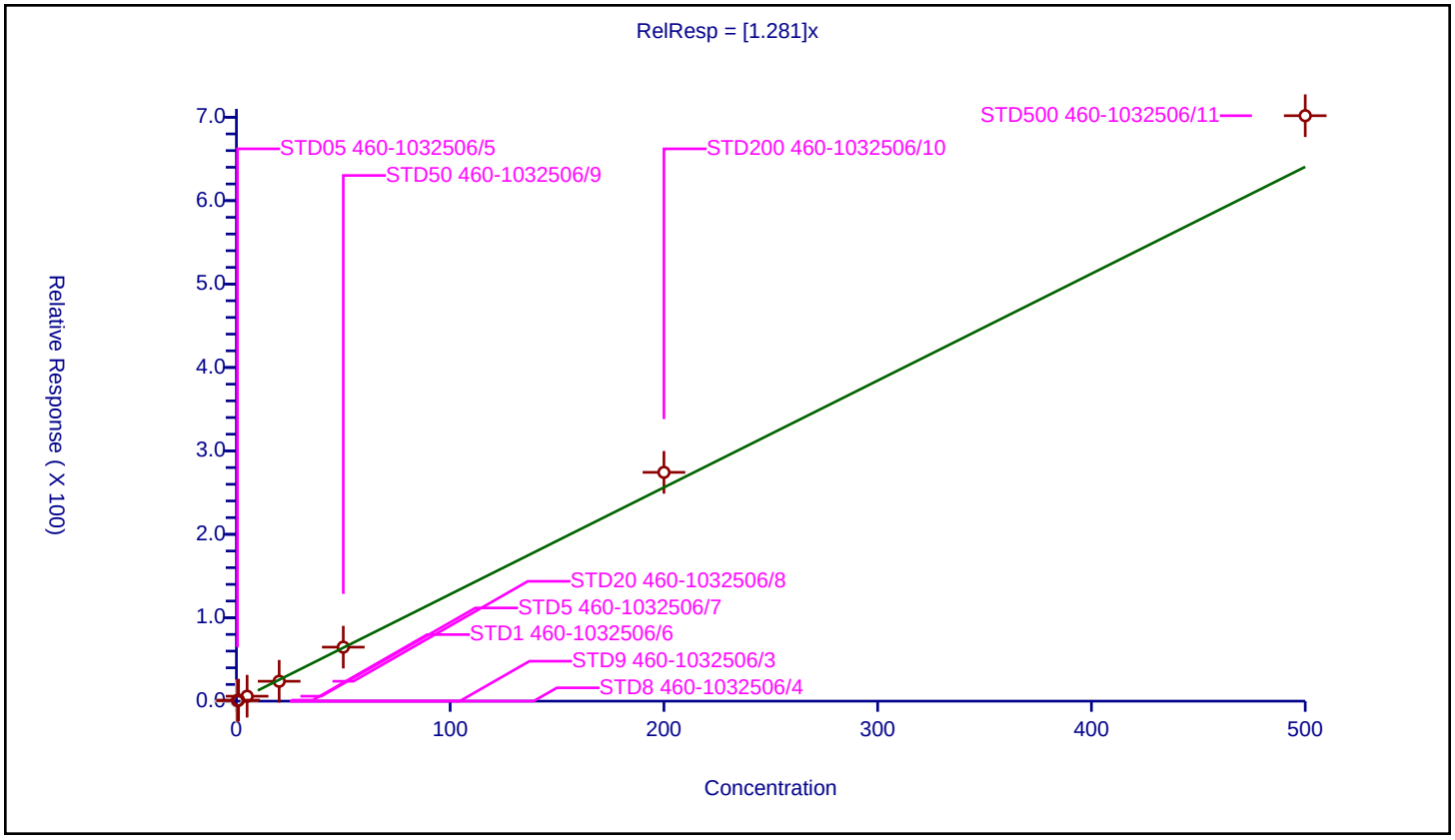
Curve Coefficients

Intercept:	0
Slope:	1.281

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.644283	50.0	171198.0	1.288566	Y
4	STD1 460-1032506/6	1.0	1.235803	50.0	166410.0	1.235803	Y
5	STD5 460-1032506/7	5.0	5.907179	50.0	166213.0	1.181436	Y
6	STD20 460-1032506/8	20.0	23.825496	50.0	173818.0	1.191275	Y
7	STD50 460-1032506/9	50.0	64.752294	50.0	181243.0	1.295046	Y
8	STD200 460-1032506/10	200.0	274.286445	50.0	199459.0	1.371432	Y
9	STD500 460-1032506/11	500.0	701.812557	50.0	228848.0	1.403625	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

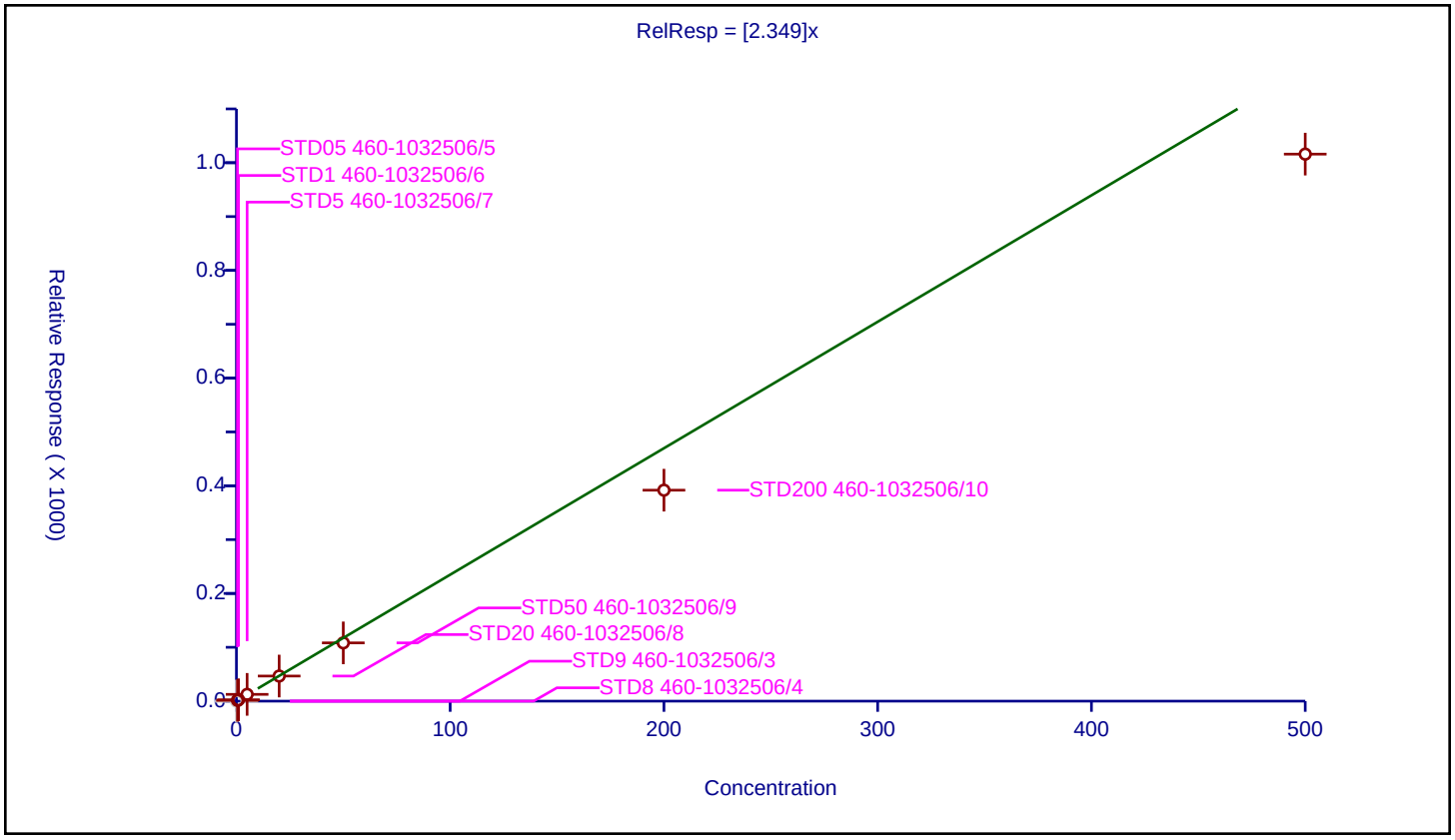
Curve Coefficients

Intercept:	0
Slope:	2.349

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.466723	50.0	171198.0	2.933445	Y
4	STD1 460-1032506/6	1.0	2.499549	50.0	166410.0	2.499549	Y
5	STD5 460-1032506/7	5.0	12.596187	50.0	166213.0	2.519237	Y
6	STD20 460-1032506/8	20.0	46.637287	50.0	173818.0	2.331864	Y
7	STD50 460-1032506/9	50.0	108.218248	50.0	181243.0	2.164365	Y
8	STD200 460-1032506/10	200.0	391.831404	50.0	199459.0	1.959157	Y
9	STD500 460-1032506/11	500.0	1015.983535	50.0	228848.0	2.031967	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

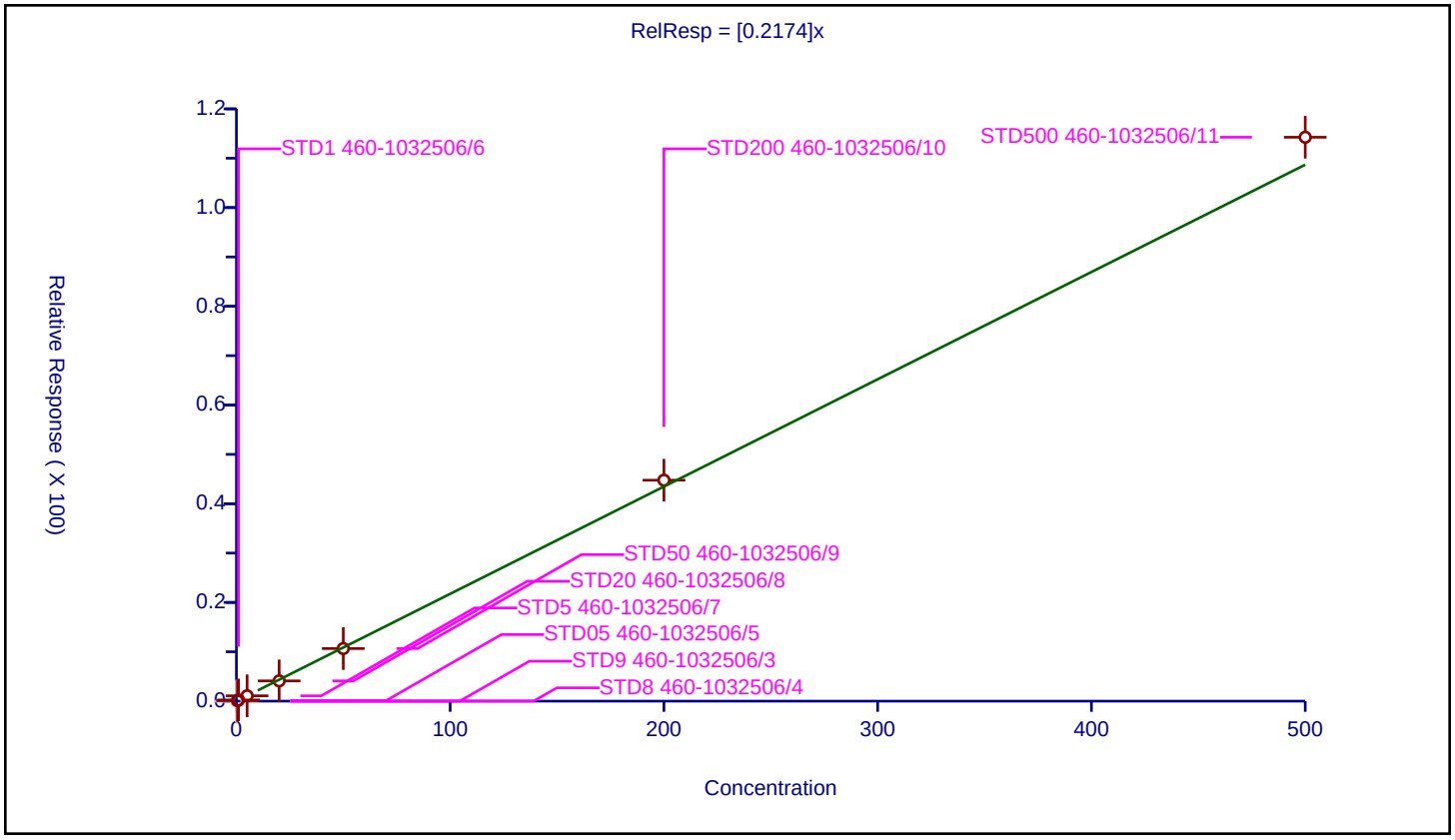
Curve Coefficients

Intercept:	0
Slope:	0.2174

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.09784	50.0	171198.0	0.19568	Y
4	STD1 460-1032506/6	1.0	0.238868	50.0	166410.0	0.238868	Y
5	STD5 460-1032506/7	5.0	1.082346	50.0	166213.0	0.216469	Y
6	STD20 460-1032506/8	20.0	4.103142	50.0	173818.0	0.205157	Y
7	STD50 460-1032506/9	50.0	10.655032	50.0	181243.0	0.213101	Y
8	STD200 460-1032506/10	200.0	44.766343	50.0	199459.0	0.223832	Y
9	STD500 460-1032506/11	500.0	114.252692	50.0	228848.0	0.228505	Y



5/8/2025
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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

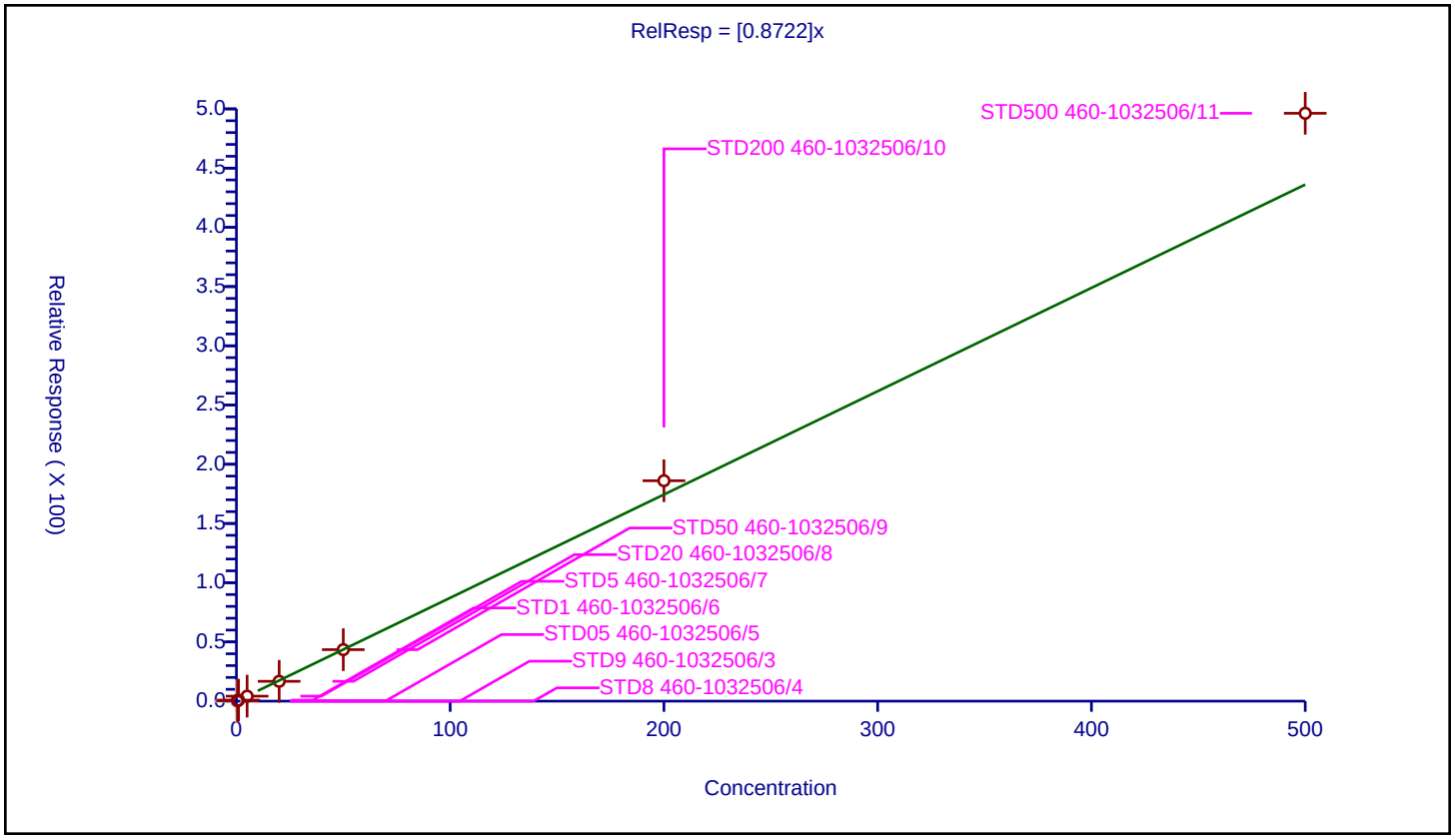
Curve Coefficients

Intercept:	0
Slope:	0.8722

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.381722	50.0	171198.0	0.763443	Y
4	STD1 460-1032506/6	1.0	0.868638	50.0	166410.0	0.868638	Y
5	STD5 460-1032506/7	5.0	4.218382	50.0	166213.0	0.843676	Y
6	STD20 460-1032506/8	20.0	16.740499	50.0	173818.0	0.837025	Y
7	STD50 460-1032506/9	50.0	43.486645	50.0	181243.0	0.869733	Y
8	STD200 460-1032506/10	200.0	186.074582	50.0	199459.0	0.930373	Y
9	STD500 460-1032506/11	500.0	496.280282	50.0	228848.0	0.992561	Y



5/8/2025
8:59:30 AM

Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

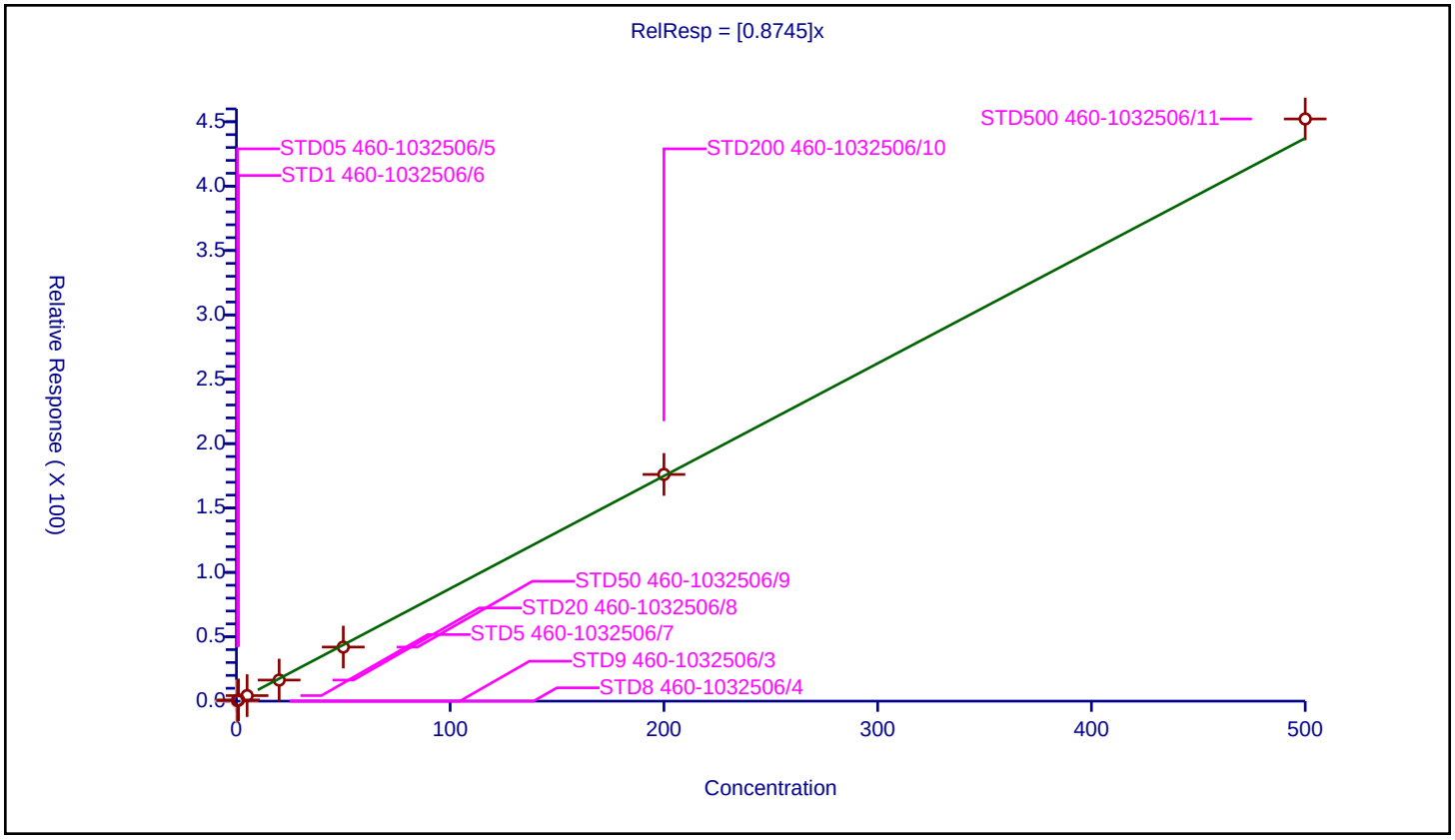
Curve Coefficients

Intercept:	0
Slope:	0.8745

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.443638	50.0	171198.0	0.887277	Y
4	STD1 460-1032506/6	1.0	0.931735	50.0	166410.0	0.931735	Y
5	STD5 460-1032506/7	5.0	4.29449	50.0	166213.0	0.858898	Y
6	STD20 460-1032506/8	20.0	16.372585	50.0	173818.0	0.818629	Y
7	STD50 460-1032506/9	50.0	42.000519	50.0	181243.0	0.84001	Y
8	STD200 460-1032506/10	200.0	176.076036	50.0	199459.0	0.88038	Y
9	STD500 460-1032506/11	500.0	452.173495	50.0	228848.0	0.904347	Y



5/8/2025
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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

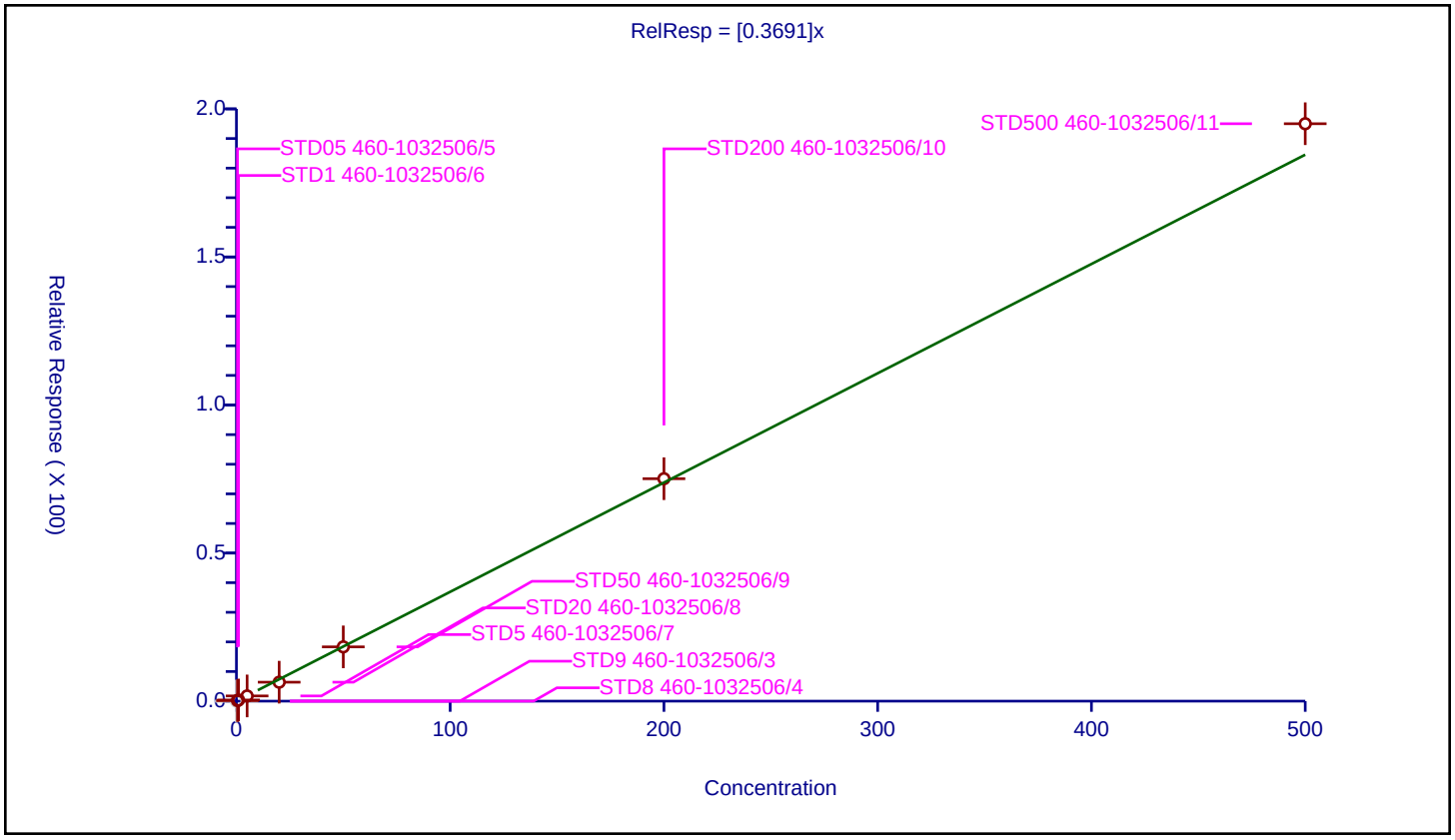
Curve Coefficients

Intercept:	0
Slope:	0.3691

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.196848	50.0	171198.0	0.393696	Y
4	STD1 460-1032506/6	1.0	0.385193	50.0	166410.0	0.385193	Y
5	STD5 460-1032506/7	5.0	1.761896	50.0	166213.0	0.352379	Y
6	STD20 460-1032506/8	20.0	6.401236	50.0	173818.0	0.320062	Y
7	STD50 460-1032506/9	50.0	18.323466	50.0	181243.0	0.366469	Y
8	STD200 460-1032506/10	200.0	75.117944	50.0	199459.0	0.37559	Y
9	STD500 460-1032506/11	500.0	194.986847	50.0	228848.0	0.389974	Y



5/8/2025
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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

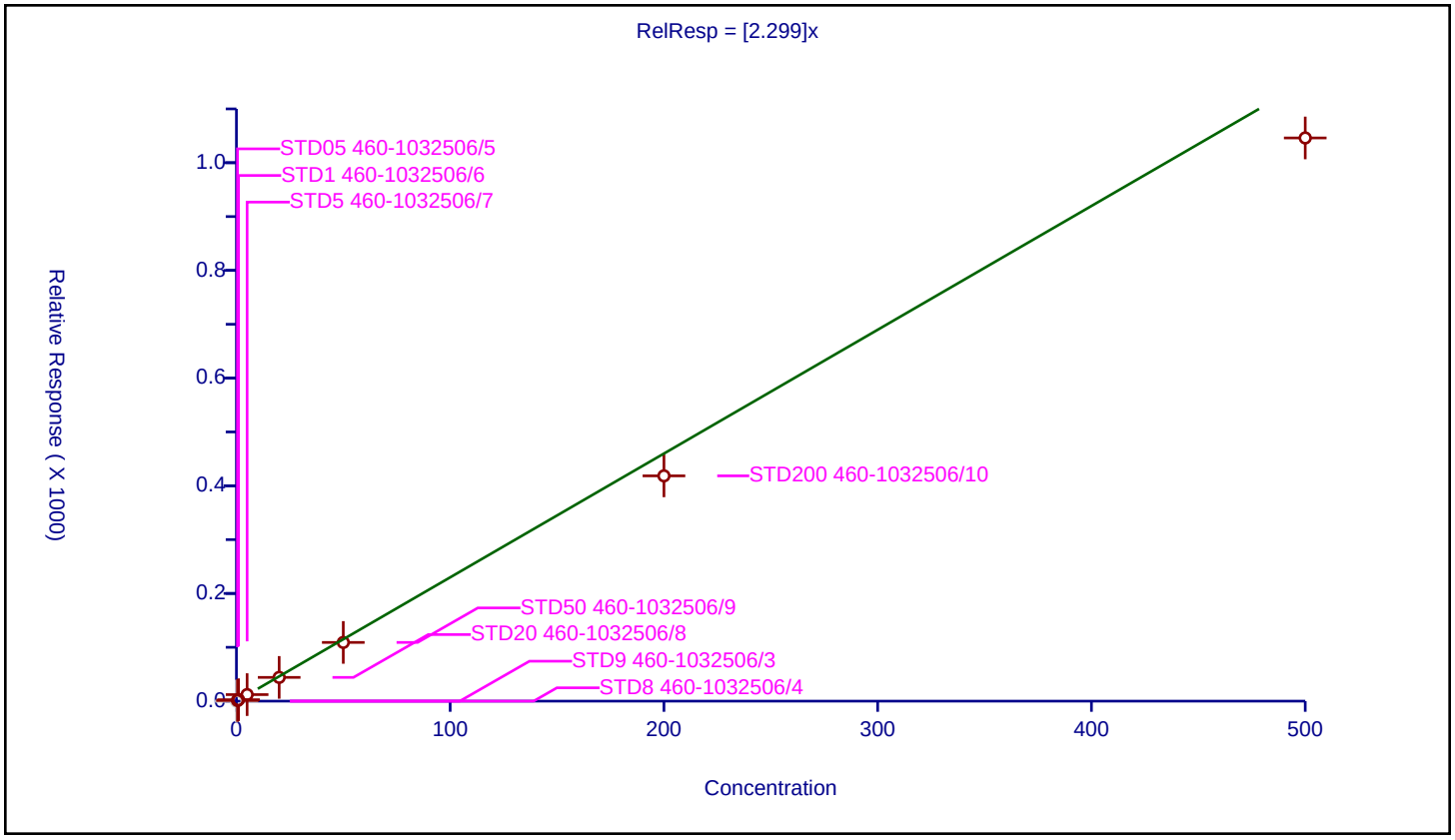
Curve Coefficients

Intercept:	0
Slope:	2.299

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	1.223729	50.0	171198.0	2.447458	Y
4	STD1 460-1032506/6	1.0	2.647377	50.0	166410.0	2.647377	Y
5	STD5 460-1032506/7	5.0	12.150373	50.0	166213.0	2.430075	Y
6	STD20 460-1032506/8	20.0	44.091521	50.0	173818.0	2.204576	Y
7	STD50 460-1032506/9	50.0	109.044763	50.0	181243.0	2.180895	Y
8	STD200 460-1032506/10	200.0	418.431357	50.0	199459.0	2.092157	Y
9	STD500 460-1032506/11	500.0	1046.04257	50.0	228848.0	2.092085	Y



5/8/2025
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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

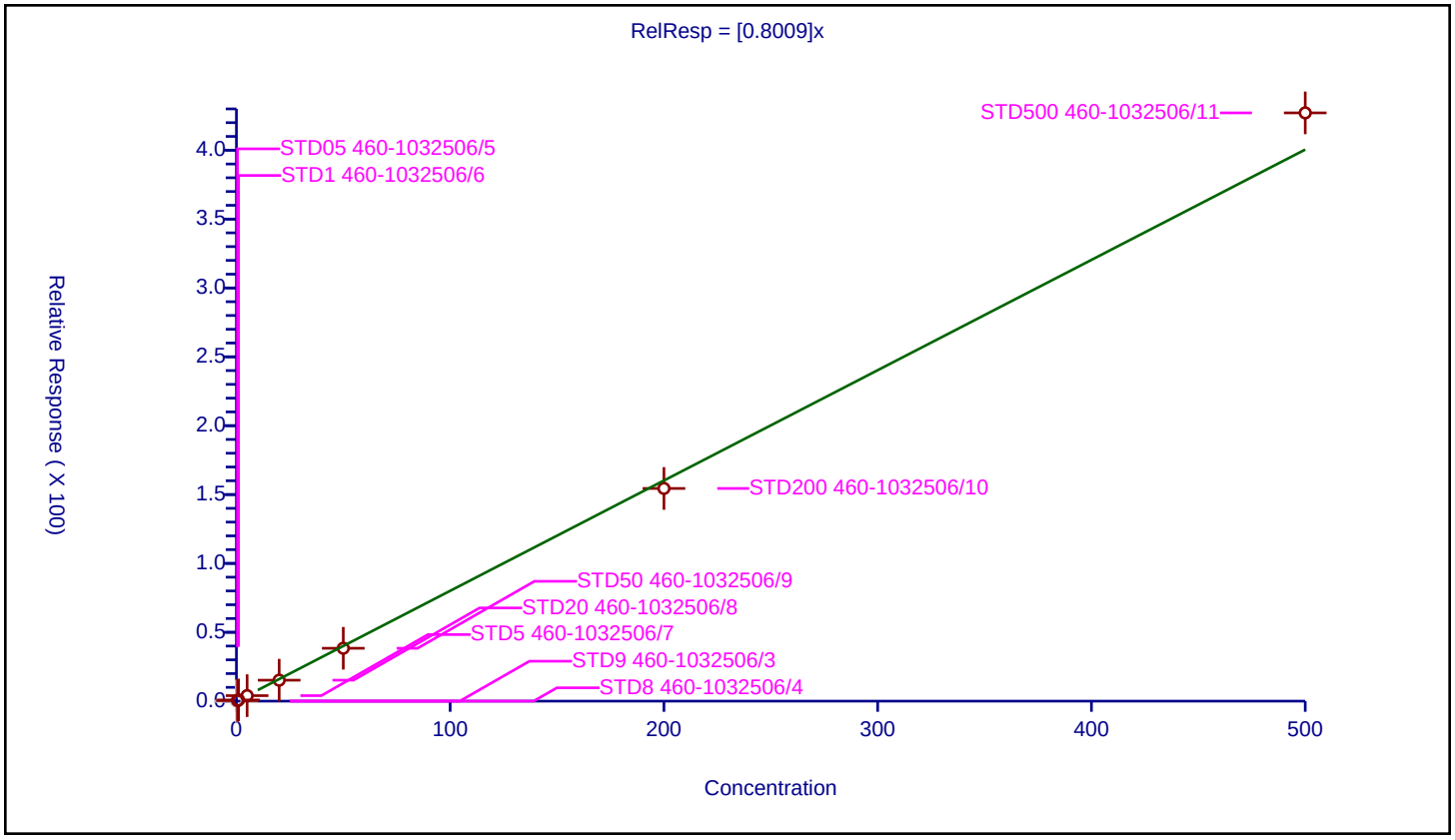
Curve Coefficients

Intercept:	0
Slope:	0.8009

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032506/4	0.0	0.0	50.0	166171.0	NaN	N
2	STD9 460-1032506/3	0.2	0.0	50.0	166552.0	0.0	N
3	STD05 460-1032506/5	0.5	0.408007	50.0	171198.0	0.816014	Y
4	STD1 460-1032506/6	1.0	0.836488	50.0	166410.0	0.836488	Y
5	STD5 460-1032506/7	5.0	3.99698	50.0	166213.0	0.799396	Y
6	STD20 460-1032506/8	20.0	15.204122	50.0	173818.0	0.760206	Y
7	STD50 460-1032506/9	50.0	38.398448	50.0	181243.0	0.767969	Y
8	STD200 460-1032506/10	200.0	154.415694	50.0	199459.0	0.772078	Y
9	STD500 460-1032506/11	500.0	427.100084	50.0	228848.0	0.8542	Y



5/8/2025
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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: ICV 460-1032506/19 Calibration Date: 04/19/2025 12:05

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O28670.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.4671	0.5664		24.3	20.0	21.3	30.0
Dichlorodifluoromethane	Ave	0.4135	0.4310	0.1000	20.8	20.0	4.2	30.0
Chlorodifluoromethane	Ave	0.0733	0.0559		15.2	20.0	-23.8	30.0
Chloromethane	Ave	0.5348	0.5005	0.1000	18.7	20.0	-6.4	30.0
Vinyl chloride	Ave	0.4131	0.4658	0.1000	22.6	20.0	12.8	30.0
Butadiene	Ave	0.3879	0.4299		22.2	20.0	10.8	30.0
Bromomethane	Qua2		0.2718	0.1000	24.1	20.0	20.7	30.0
Chloroethane	Ave	0.2841	0.2668	0.1000	18.8	20.0	-6.1	30.0
Dichlorofluoromethane	Ave	0.6850	0.6866		20.0	20.0	0.2	30.0
Trichlorofluoromethane	Ave	0.4508	0.4894	0.1000	21.7	20.0	8.6	30.0
Pentane	Ave	0.0930	0.0740		31.8	40.0	-20.5	30.0
Ethanol	Ave	0.0578	0.0479		663	800	-17.2	30.0
Ethyl ether	Lin2		0.2809		18.5	20.0	-7.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	QuaF		0.1944		14.1	20.0	-29.5	30.0
2-Methyl-1,3-butadiene	Ave	0.3703	0.3247		17.5	20.0	-12.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4155	0.3770		18.1	20.0	-9.3	30.0
Acrolein	Ave	1.227	0.9762		31.4	39.5	-20.4	30.0
1,1-Dichloroethene	Ave	0.2751	0.2164	0.1000	15.7	20.0	-21.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2905	0.2802	0.1000	19.3	20.0	-3.6	30.0
Acetone	QuaF		0.4392	0.0010	65.0	100	-35.0*	30.0
Iodomethane	QuaF		0.2988		12.4	20.0	-38.0*	30.0
Isopropyl alcohol	Ave	0.6198	0.3130		101	200	-49.5*	30.0
Carbon disulfide	Ave	1.094	0.9938	0.1000	18.2	20.0	-9.1	30.0
Acetonitrile	QuaF		1.357		133	200	-33.7*	30.0
3-Chloro-1-propene	Ave	0.1951	0.1619		16.6	20.0	-17.0	30.0
Methyl acetate	QuaF		0.0767	0.0500	20.8	40.0	-48.0*	30.0
Cyclopentene	Ave	0.9317	0.6106		13.1	20.0	-34.5*	30.0
Methylene Chloride	Ave	0.3617	0.3156	0.1000	17.4	20.0	-12.8	30.0
2-Methyl-2-propanol	Ave	1.519	1.338		176	200	-11.9	30.0
Acrylonitrile	QuaF		0.0670		151	200	-24.7	30.0
trans-1,2-Dichloroethene	Ave	0.3409	0.2822	0.1000	16.6	20.0	-17.2	30.0
Methyl tert-butyl ether	Ave	1.039	1.041	0.1000	20.0	20.0	0.2	30.0
Hexane	Ave	0.4337	0.3949		18.2	20.0	-8.9	30.0
1,1-Dichloroethane	Ave	0.5807	0.5204	0.2000	17.9	20.0	-10.4	30.0
Vinyl acetate	Ave	0.5696	0.5987		42.0	40.0	5.1	30.0
Isopropyl ether	Ave	1.187	1.206		20.3	20.0	1.6	30.0
2-Chloro-1,3-butadiene	Ave	0.3165	0.3002		19.0	20.0	-5.1	30.0
Tert-butyl ethyl ether	Ave	1.167	1.135		19.4	20.0	-2.8	30.0
2,2-Dichloropropane	Ave	0.1086	0.0834		15.4	20.0	-23.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: ICV 460-1032506/19 Calibration Date: 04/19/2025 12:05

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O28670.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3175	0.2709	0.1000	17.1	20.0	-14.7	30.0
Methyl Ethyl Ketone	Ave	0.3175	0.2883	0.0100	90.8	100	-9.2	30.0
Propionitrile	Ave	1.521	1.470		193	200	-3.4	30.0
Ethyl acetate	Ave	3.209	2.936		36.6	40.0	-8.5	30.0
Methyl acrylate	Ave	0.3243	0.3123		19.3	20.0	-3.7	30.0
Chlorobromomethane	Ave	0.1358	0.1145		16.9	20.0	-15.7	30.0
Methacrylonitrile	Ave	0.1306	0.1313		201	200	0.5	30.0
Tetrahydrofuran	Ave	0.7125	0.5481		30.8	40.0	-23.1	30.0
Chloroform	Ave	0.5574	0.5049	0.2000	18.1	20.0	-9.4	30.0
1,1,1-Trichloroethane	Ave	0.4909	0.4613	0.1000	18.8	20.0	-6.0	30.0
Cyclohexane	Ave	0.4670	0.4342	0.1000	18.6	20.0	-7.0	30.0
1,1-Dichloropropene	Ave	0.4858	0.4327		17.8	20.0	-10.9	30.0
Carbon tetrachloride	Ave	0.3959	0.3645	0.1000	18.4	20.0	-7.9	30.0
Isobutyl alcohol	Ave	0.8567	0.8415		491	500	-1.8	30.0
Benzene	Ave	1.854	1.714	0.5000	18.5	20.0	-7.5	30.0
1,2-Dichloroethane	Ave	0.5120	0.4423	0.1000	17.3	20.0	-13.6	30.0
Isopropyl acetate	Ave	0.1352	0.1158		17.1	20.0	-14.4	30.0
Isooctane	Ave	0.7939	0.8136		20.5	20.0	2.5	30.0
Tert-amyl methyl ether	Ave	0.9912	1.037		20.9	20.0	4.6	30.0
n-Heptane	Ave	0.3670	0.3510		19.1	20.0	-4.4	30.0
n-Butanol	Ave	0.5791	0.5590		483	500	-3.5	30.0
Trichloroethene	Ave	0.3533	0.3074	0.2000	17.4	20.0	-13.0	30.0
Ethyl acrylate	Ave	0.4650	0.4699		20.2	20.0	1.1	30.0
Methylcyclohexane	Ave	0.4846	0.4795	0.1000	19.8	20.0	-1.0	30.0
1,2-Dichloropropane	Ave	0.3936	0.3452	0.1000	17.5	20.0	-12.3	30.0
Dibromomethane	Ave	0.2000	0.1759		17.6	20.0	-12.0	30.0
1,4-Dioxane	Ave	1.369	1.364		398	400	-0.4	30.0
Methyl methacrylate	Ave	0.0909	0.0855		37.6	40.0	-6.0	30.0
n-Propyl acetate	Ave	0.5356	0.5103		19.1	20.0	-4.7	30.0
Bromodichloromethane	Ave	0.4542	0.4128	0.2000	18.2	20.0	-9.1	30.0
2-Nitropropane	Ave	0.1257	0.1186		37.7	40.0	-5.7	30.0
2-Chloroethyl vinyl ether	Ave	0.2491	0.2354		18.9	20.0	-5.5	30.0
Epichlorohydrin	Ave	0.2694	0.2846		21.1	20.0	5.7	30.0
cis-1,3-Dichloropropene	Ave	0.7842	0.6655	0.2000	17.0	20.0	-15.1	30.0
methyl isobutyl ketone	Ave	3.121	2.916	0.0500	93.4	100	-6.6	30.0
Toluene	Ave	2.023	1.807	0.4000	17.9	20.0	-10.7	30.0
trans-1,3-Dichloropropene	Ave	0.7484	0.6668	0.1000	17.8	20.0	-10.9	30.0
Ethyl methacrylate	Ave	0.6433	0.5977		18.6	20.0	-7.1	30.0
1,1,2-Trichloroethane	Ave	0.3680	0.3246	0.1000	17.6	20.0	-11.8	30.0
Tetrachloroethene	Ave	0.4372	0.3619	0.2000	16.6	20.0	-17.2	30.0
1,3-Dichloropropane	Ave	0.7183	0.6809		19.0	20.0	-5.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: ICV 460-1032506/19 Calibration Date: 04/19/2025 12:05

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O28670.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.074	0.0500	96.4	100	-3.6	30.0
Dibromochloromethane	Ave	0.3956	0.3617	0.1000	18.3	20.0	-8.6	30.0
n-Butyl acetate	Ave	0.7768	0.8088		20.8	20.0	4.1	30.0
Ethylene Dibromide	Ave	0.4023	0.3688	0.1000	18.3	20.0	-8.3	30.0
Chlorobenzene	Ave	1.201	1.108	0.5000	18.5	20.0	-7.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3450		17.6	20.0	-11.9	30.0
Ethylbenzene	Ave	0.6589	0.6157	0.1000	18.7	20.0	-6.6	30.0
m-Xylene & p-Xylene	Ave	0.7791	0.7253	0.1000	18.6	20.0	-6.9	30.0
o-Xylene	Ave	0.7895	0.7119	0.3000	18.0	20.0	-9.8	30.0
Styrene	Ave	1.308	1.210	0.3000	18.5	20.0	-7.5	30.0
n-Butyl acrylate	Ave	0.3628	0.3441		19.0	20.0	-5.1	30.0
Bromoform	Ave	0.2568	0.2189	0.1000	17.1	20.0	-14.7	30.0
Amyl acetate (mixed isomers)	Ave	1.805	1.788		19.8	20.0	-0.9	30.0
Isopropylbenzene	Ave	1.800	1.842	0.1000	20.5	20.0	2.3	30.0
Bromobenzene	Ave	0.9477	0.8883		18.7	20.0	-6.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.149	1.037	0.3000	18.0	20.0	-9.8	30.0
1,2,3-Trichloropropane	Ave	0.9137	0.8551		18.7	20.0	-6.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.3811		17.5	20.0	-12.5	30.0
N-Propylbenzene	Ave	4.293	4.179		19.5	20.0	-2.7	30.0
2-Chlorotoluene	Ave	2.806	2.686		19.1	20.0	-4.3	30.0
4-Ethyltoluene	Ave	3.370	3.179		18.9	20.0	-5.7	30.0
4-Chlorotoluene	Ave	3.118	3.064		19.7	20.0	-1.7	30.0
1,3,5-Trimethylbenzene	Ave	2.683	2.580		19.2	20.0	-3.8	30.0
Butyl Methacrylate	Ave	0.998	1.006		20.2	20.0	0.9	30.0
tert-Butylbenzene	Ave	2.387	2.261		18.9	20.0	-5.3	30.0
1,2,4-Trimethylbenzene	Ave	2.564	2.369		18.5	20.0	-7.6	30.0
sec-Butylbenzene	Ave	3.375	3.176		18.8	20.0	-5.9	30.0
1,3-Dichlorobenzene	Ave	1.731	1.608	0.6000	18.6	20.0	-7.1	30.0
1,4-Dichlorobenzene	Ave	1.758	1.586	0.5000	18.0	20.0	-9.8	30.0
4-Isopropyltoluene	Ave	2.796	2.426		17.4	20.0	-13.2	30.0
1,2,3-Trimethylbenzene	Ave	2.615	2.655		20.3	20.0	1.6	30.0
Benzyl chloride	QuaF		0.3168		15.5	20.0	-22.4	30.0
Indan	Ave	2.868	2.926		20.4	20.0	2.0	30.0
1,2-Dichlorobenzene	Ave	1.675	1.542	0.4000	18.4	20.0	-7.9	30.0
p-Diethylbenzene	Ave	1.578	1.368		17.3	20.0	-13.3	30.0
n-Butylbenzene	Ave	1.281	1.158		18.1	20.0	-9.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.337		19.9	20.0	-0.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.1913	0.0500	17.6	20.0	-12.0	30.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8375		19.2	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8745	0.8113	0.2000	18.6	20.0	-7.2	30.0
Hexachlorobutadiene	Ave	0.3691	0.3266		17.7	20.0	-11.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: ICV 460-1032506/19 Calibration Date: 04/19/2025 12:05

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O28670.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.299	2.127		18.5	20.0	-7.5	30.0
1,2,3-Trichlorobenzene	Ave	0.8009	0.6901		17.2	20.0	-13.8	30.0
Dibromofluoromethane (Surr)	Ave	0.2257	0.2210		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3350	0.3444		51.4	50.0	2.8	30.0
Toluene-d8 (Surr)	Ave	1.410	1.446		51.3	50.0	2.6	30.0
4-Bromofluorobenzene	Ave	0.3851	0.3811		49.5	50.0	-1.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28670.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 19-Apr-2025 12:05:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0189580-019
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Apr-2025 17:53:01 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: NN6A Date: 21-Apr-2025 10:14:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	89	12620	20.0	24.3	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	78762	20.0	20.8	
3 Chlorodifluoromethane	67	1.155	1.156	-0.001	96	10209	20.0	15.2	
4 Chloromethane	50	1.281	1.281	0.000	98	91480	20.0	18.7	
5 Vinyl chloride	62	1.315	1.315	0.000	98	85132	20.0	22.6	
6 Butadiene	54	1.338	1.338	0.000	98	78567	20.0	22.2	
7 Bromomethane	94	1.521	1.521	0.000	98	49672	20.0	24.1	
8 Chloroethane	64	1.589	1.589	0.000	100	48762	20.0	18.8	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	98	125480	20.0	20.0	
10 Trichlorofluoromethane	101	1.760	1.761	-0.001	96	89447	20.0	21.7	
11 Pentane	57	1.818	1.818	0.000	96	27042	40.0	31.8	
12 Ethanol	46	1.886	1.886	0.000	99	6489	800.0	662.5	
13 Ethyl ether	59	1.955	1.955	0.000	95	51339	20.0	18.5	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	91	35534	20.0	14.1	
15 2-Methyl-1,3-butadiene	53	1.977	1.978	-0.001	99	59342	20.0	17.5	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	98	68893	20.0	18.1	
17 Acrolein	56	2.046	2.046	0.000	87	6536	39.5	31.4	
18 1,1-Dichloroethene	96	2.114	2.115	-0.001	94	39557	20.0	15.7	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	94	51211	20.0	19.3	
20 Acetone	43	2.149	2.149	0.000	85	48925	100.0	65.0	
21 Iodomethane	142	2.217	2.217	0.000	99	54618	20.0	12.4	
22 Isopropyl alcohol	45	2.251	2.252	-0.001	96	10610	200.0	101.0	
23 Carbon disulfide	76	2.274	2.263	0.011	100	181619	20.0	18.2	
24 Acetonitrile	40	2.343	2.343	0.000	99	45996	200.0	132.6	
25 3-Chloro-1-propene	76	2.366	2.366	0.000	84	29595	20.0	16.6	
26 Methyl acetate	43	2.388	2.389	-0.001	100	28021	40.0	20.8	
27 Cyclopentene	67	2.434	2.434	0.000	97	111585	20.0	13.1	
28 Methylene Chloride	84	2.457	2.457	0.000	95	57672	20.0	17.4	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	169506	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	98	45361	200.0	176.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.640	2.640	0.000	95	122529	200.0	150.6	
32 trans-1,2-Dichloroethene	96	2.662	2.663	-0.001	98	51574	20.0	16.6	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	190255	20.0	20.0	
34 Hexane	57	2.891	2.891	0.000	92	72169	20.0	18.2	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	100	95114	20.0	17.9	
36 Vinyl acetate	86	3.039	3.039	0.000	100	26681	40.0	42.0	
37 Isopropyl ether	45	3.062	3.062	0.000	90	220426	20.0	20.3	
38 2-Chloro-1,3-butadiene	88	3.073	3.074	-0.001	95	54869	20.0	19.0	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	88	207431	20.0	19.4	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	278516	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.485	-0.001	89	49510	20.0	17.1	
42 2,2-Dichloropropane	97	3.484	3.485	-0.001	79	15234	20.0	15.4	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	32113	100.0	90.8	
44 Propionitrile	54	3.542	3.542	0.000	95	49820	200.0	193.3	
45 Ethyl acetate	43	3.564	3.564	0.000	99	130856	40.0	36.6	
46 Methyl acrylate	55	3.587	3.587	0.000	99	57074	20.0	19.3	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	239934	200.0	201.0	
48 Chlorobromomethane	128	3.690	3.690	0.000	96	20921	20.0	16.9	
49 Tetrahydrofuran	42	3.747	3.747	0.000	84	24424	40.0	30.8	
50 Chloroform	83	3.770	3.770	0.000	96	92285	20.0	18.1	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	100983	50.0	49.0	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	96	84313	20.0	18.8	
53 Cyclohexane	84	3.998	3.998	0.000	95	79357	20.0	18.6	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	88	79081	20.0	17.8	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	66621	20.0	18.4	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	71316	500.0	491.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	157360	50.0	51.4	
58 Benzene	78	4.306	4.307	-0.001	98	233383	20.0	18.5	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	80837	20.0	17.3	
60 Isopropyl acetate	61	4.398	4.398	0.000	96	21163	20.0	17.1	
61 Isooctane	57	4.409	4.409	0.000	96	148688	20.0	20.5	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	98	189466	20.0	20.9	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	456902	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	92	64150	20.0	19.1	
65 n-Butanol	56	4.934	4.935	0.000	92	47376	500.0	482.7	
66 Trichloroethene	95	4.980	4.980	0.000	95	56178	20.0	17.4	
67 Ethyl acrylate	55	5.128	5.129	-0.001	98	85875	20.0	20.2	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	87642	20.0	19.8	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	89	63086	20.0	17.5	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	29253	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.346	-0.001	92	32146	20.0	17.6	
72 Methyl methacrylate	100	5.391	5.391	0.000	91	31246	40.0	37.6	
73 1,4-Dioxane	88	5.391	5.391	0.000	31	15963	400.0	398.5	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	93262	20.0	19.1	
75 Dichlorobromomethane	83	5.539	5.540	-0.001	98	75450	20.0	18.2	
76 2-Nitropropane	41	5.825	5.825	0.000	100	43363	40.0	37.7	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	96	43026	20.0	18.9	
78 Epichlorohydrin	57	5.985	5.985	0.000	98	6342	20.0	21.1	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	90594	20.0	17.0	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	324811	100.0	93.4	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	492255	50.0	51.3	
82 Toluene	91	6.521	6.521	0.000	92	246031	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	95	90778	20.0	17.8	
84 Ethyl methacrylate	69	7.001	7.001	0.000	90	81376	20.0	18.6	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	44193	20.0	17.6	
86 Tetrachloroethene	166	7.241	7.241	0.000	89	49265	20.0	16.6	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	97	92694	20.0	19.0	
88 2-Hexanone	43	7.446	7.446	0.000	98	231072	100.0	96.4	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	49243	20.0	18.3	
90 n-Butyl acetate	43	7.674	7.675	-0.001	98	110109	20.0	20.8	
91 Ethylene Dibromide	107	7.720	7.720	0.000	98	50201	20.0	18.3	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	340345	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	91	150884	20.0	18.5	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.599	0.000	94	46963	20.0	17.6	
95 Ethylbenzene	106	8.668	8.668	0.000	99	83826	20.0	18.7	
96 m-Xylene & p-Xylene	106	8.862	8.851	0.012	0	98740	20.0	18.6	
97 o-Xylene	106	9.455	9.456	-0.001	93	96912	20.0	18.0	
98 Styrene	104	9.490	9.490	0.000	92	164741	20.0	18.5	
99 n-Butyl acrylate	73	9.513	9.513	0.000	96	46847	20.0	19.0	
100 Bromoform	173	9.718	9.718	0.000	92	29807	20.0	17.1	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	119223	20.0	19.8	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	250733	20.0	20.5	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	82	129710	50.0	49.5	
104 Bromobenzene	156	10.483	10.483	0.000	92	59217	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	97	69125	20.0	18.0	
106 1,2,3-Trichloropropane	75	10.609	10.597	0.012	96	57000	20.0	18.7	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	86	25408	20.0	17.5	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	278590	20.0	19.5	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	179043	20.0	19.1	
110 4-Ethyltoluene	105	10.940	10.951	-0.011	98	211908	20.0	18.9	
111 4-Chlorotoluene	91	11.020	11.020	0.000	100	204284	20.0	19.7	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	91	172012	20.0	19.2	
113 Butyl Methacrylate	87	11.282	11.282	0.000	98	67083	20.0	20.2	
114 tert-Butylbenzene	119	11.499	11.499	0.000	92	150701	20.0	18.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	157912	20.0	18.5	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	211717	20.0	18.8	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	107179	20.0	18.6	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	166655	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	95	105741	20.0	18.0	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	161711	20.0	17.4	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	177019	20.0	20.3	
122 Benzyl chloride	126	12.059	12.059	0.000	98	21117	20.0	15.5	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	195069	20.0	20.4	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	92	102804	20.0	18.4	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	91183	20.0	17.3	
126 n-Butylbenzene	92	12.275	12.276	-0.001	96	77166	20.0	18.1	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	155759	20.0	19.9	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	38	12753	20.0	17.6	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	55828	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	13.371	13.372	-0.001	93	54085	20.0	18.6	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	88	21775	20.0	17.7	
132 Naphthalene	128	13.520	13.520	0.000	99	141775	20.0	18.5	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	93	46003	20.0	17.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	33.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	36.7	
S 137 Total BTEX	1				0		100.0	91.7	

QC Flag Legend

Processing Flags

Reagents:

GAS C SP_00619	Amount Added:	20.00	Units: uL	
8260 SP_00191	Amount Added:	20.00	Units: uL	
7 Freons SS_00026	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00176	Amount Added:	4.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Apr-2025 17:53:51 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28670.d

Injection Date: 19-Apr-2025 12:05:30 Instrument ID: CVOAMS12 Operator ID:

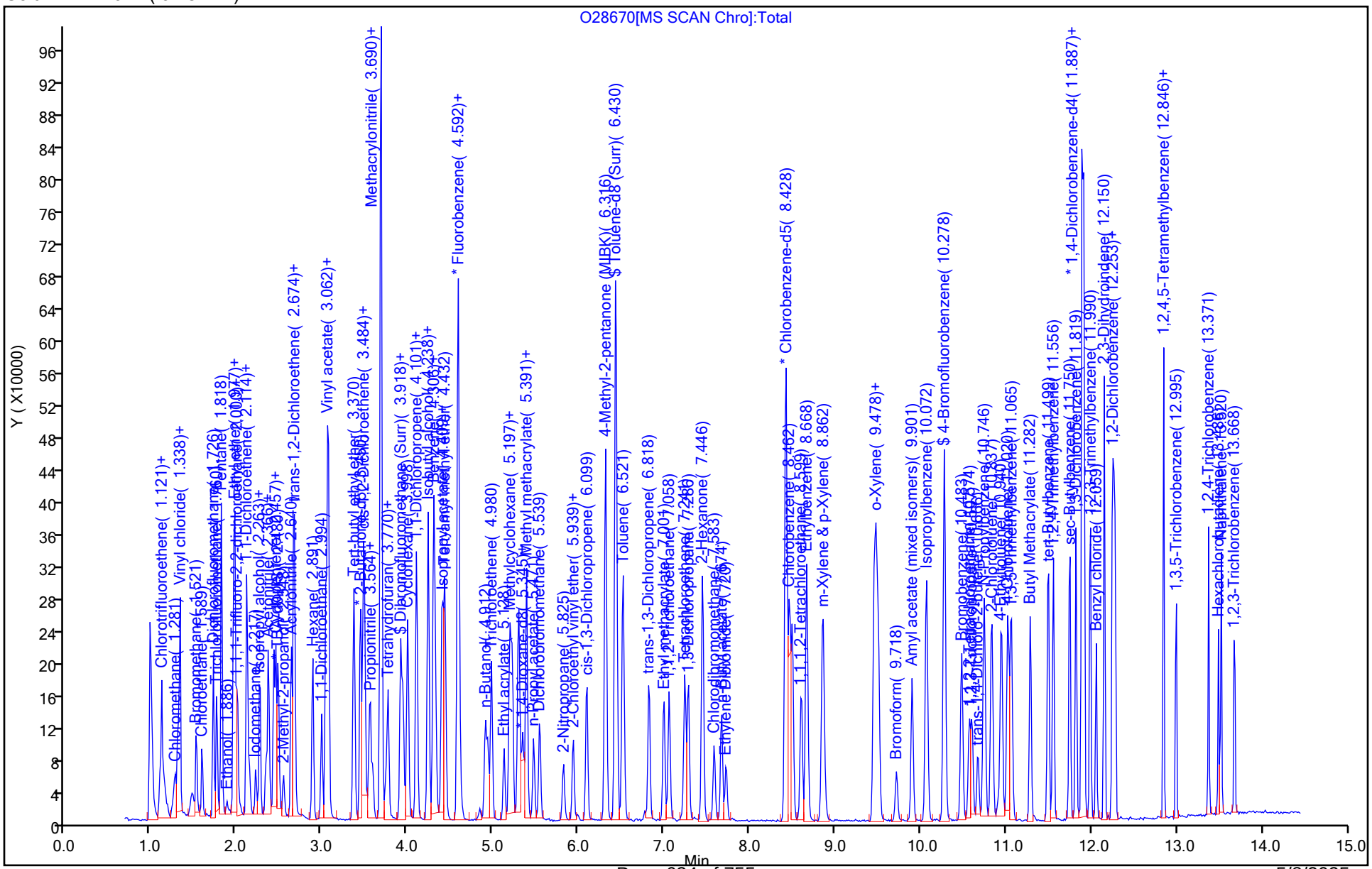
Lims ID: ICV Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.4671	0.3503		15.0	20.0	-25.0*	20.0
Dichlorodifluoromethane	Ave	0.4135	0.3389	0.1000	16.4	20.0	-18.0	20.0
Chlorodifluoromethane	Ave	0.0733	0.0607		16.6	20.0	-17.2	20.0
Chloromethane	Ave	0.5348	0.4736	0.1000	17.7	20.0	-11.5	20.0
Vinyl chloride	Ave	0.4131	0.3565	0.1000	17.3	20.0	-13.7	20.0
Butadiene	Ave	0.3879	0.2660		13.7	20.0	-31.4*	20.0
Bromomethane	Qua2		0.2189	0.1000	19.6	20.0	-2.2	50.0
Chloroethane	Ave	0.2841	0.2544	0.1000	17.9	20.0	-10.5	50.0
Dichlorofluoromethane	Ave	0.6850	0.6590		19.2	20.0	-3.8	20.0
Trichlorofluoromethane	Ave	0.4508	0.3909	0.1000	17.3	20.0	-13.3	20.0
Pentane	Ave	0.0930	0.1053		45.3	40.0	13.2	20.0
Ethanol	Ave	0.0578	0.0598		828	800	3.5	50.0
Ethyl ether	Lin2		0.2934		19.4	20.0	-3.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	QuaF		0.1692		12.3	20.0	-38.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.3703	0.3786		20.4	20.0	2.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4155	0.3305		15.9	20.0	-20.5*	20.0
Acrolein	Ave	1.227	0.9367		30.5	40.0	-23.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2905	0.3320	0.1000	22.9	20.0	14.3	20.0
1,1-Dichloroethene	Ave	0.2751	0.2035	0.1000	14.8	20.0	-26.0*	20.0
Acetone	QuaF		0.4316	0.0010	63.9	100	-36.1	50.0
Iodomethane	QuaF		0.3442		14.3	20.0	-28.6*	20.0
Isopropyl alcohol	Ave	0.6198	0.2431		78.4	200	-60.8*	50.0
Carbon disulfide	Ave	1.094	1.012	0.1000	18.5	20.0	-7.5	50.0
Acetonitrile	QuaF		1.682		165	200	-17.6	20.0
3-Chloro-1-propene	Ave	0.1951	0.1506		15.4	20.0	-22.8*	20.0
Methyl acetate	QuaF		0.0486*	0.0500	13.2	40.0	-66.9*	20.0
Cyclopentene	Ave	0.9317	0.8078		17.3	20.0	-13.3	20.0
Methylene Chloride	Ave	0.3617	0.3453	0.1000	19.1	20.0	-4.6	20.0
2-Methyl-2-propanol	Ave	1.519	1.392		183	200	-8.4	50.0
Acrylonitrile	QuaF		0.0646		145	200	-27.5*	20.0
trans-1,2-Dichloroethene	Ave	0.3409	0.2948	0.1000	17.3	20.0	-13.5	20.0
Methyl tert-butyl ether	Ave	1.039	1.124	0.1000	21.6	20.0	8.2	20.0
Hexane	Ave	0.4337	0.5032		23.2	20.0	16.0	20.0
1,1-Dichloroethane	Ave	0.5807	0.5145	0.2000	17.7	20.0	-11.4	20.0
Vinyl acetate	Ave	0.5696	0.6448		45.3	40.0	13.2	20.0
Isopropyl ether	Ave	1.187	1.262		21.3	20.0	6.3	20.0
2-Chloro-1,3-butadiene	Ave	0.3165	0.3131		19.8	20.0	-1.1	20.0
Tert-butyl ethyl ether	Ave	1.167	1.031		17.7	20.0	-11.6	20.0
2,2-Dichloropropane	Ave	0.1086	0.1065		19.6	20.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3175	0.2355	0.1000	14.8	20.0	-25.8*	20.0
Methyl Ethyl Ketone	Ave	0.3175	0.3017	0.0100	95.0	100	-5.0	50.0
Propionitrile	Ave	1.521	1.509		198	200	-0.8	20.0
Ethyl acetate	Ave	3.209	3.160		39.4	40.0	-1.5	20.0
Methyl acrylate	Ave	0.3243	0.3064		18.9	20.0	-5.5	20.0
Chlorobromomethane	Ave	0.1358	0.1164		17.1	20.0	-14.3	20.0
Methacrylonitrile	Ave	0.1306	0.1180		181	200	-9.7	20.0
Tetrahydrofuran	Ave	0.7125	0.4889		27.4	40.0	-31.4*	20.0
Chloroform	Ave	0.5574	0.4719	0.2000	16.9	20.0	-15.3	20.0
1,1,1-Trichloroethane	Ave	0.4909	0.4677	0.1000	19.1	20.0	-4.7	20.0
Cyclohexane	Ave	0.4670	0.4511	0.1000	19.3	20.0	-3.4	50.0
1,1-Dichloropropene	Ave	0.4858	0.4509		18.6	20.0	-7.2	20.0
Carbon tetrachloride	Ave	0.3959	0.3706	0.1000	18.7	20.0	-6.4	20.0
Isobutyl alcohol	Ave	0.8567	0.9247		540	500	7.9	50.0
Benzene	Ave	1.854	1.786	0.5000	19.3	20.0	-3.7	20.0
1,2-Dichloroethane	Ave	0.5120	0.4226	0.1000	16.5	20.0	-17.4	20.0
Isopropyl acetate	Ave	0.1352	0.1179		17.4	20.0	-12.8	20.0
Isooctane	Ave	0.7939	0.7877		19.8	20.0	-0.8	20.0
Tert-amyl methyl ether	Ave	0.9912	0.9296		18.8	20.0	-6.2	20.0
n-Heptane	Ave	0.3670	0.3777		20.6	20.0	2.9	20.0
n-Butanol	Ave	0.5791	0.5402		466	500	-6.7	50.0
Trichloroethene	Ave	0.3533	0.3210	0.2000	18.2	20.0	-9.1	20.0
Ethyl acrylate	Ave	0.4650	0.4329		18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.4846	0.4949	0.1000	20.4	20.0	2.1	50.0
1,2-Dichloropropane	Ave	0.3936	0.3608	0.1000	18.3	20.0	-8.3	20.0
Dibromomethane	Ave	0.2000	0.1643		16.4	20.0	-17.9	20.0
1,4-Dioxane	Ave	1.369	1.336		390	400	-2.4	50.0
Methyl methacrylate	Ave	0.0909	0.0823		36.2	40.0	-9.5	20.0
n-Propyl acetate	Ave	0.5356	0.5312		19.8	20.0	-0.8	20.0
Bromodichloromethane	Ave	0.4542	0.3738	0.2000	16.5	20.0	-17.7	20.0
2-Nitropropane	Ave	0.1257	0.0780		24.8	40.0	-38.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.2491	0.2176		17.5	20.0	-12.7	20.0
Epichlorohydrin	Ave	0.2694	0.2732		406	400	1.4	20.0
cis-1,3-Dichloropropene	Ave	0.7842	0.7388	0.2000	18.8	20.0	-5.8	50.0
methyl isobutyl ketone	Ave	3.121	3.170	0.0500	102	100	1.6	50.0
Toluene	Ave	2.023	1.970	0.4000	19.5	20.0	-2.6	20.0
trans-1,3-Dichloropropene	Ave	0.7484	0.6683	0.1000	17.9	20.0	-10.7	50.0
Ethyl methacrylate	Ave	0.6433	0.5842		18.2	20.0	-9.2	20.0
1,1,2-Trichloroethane	Ave	0.3680	0.3359	0.1000	18.3	20.0	-8.7	20.0
Tetrachloroethene	Ave	0.4372	0.3715	0.2000	17.0	20.0	-15.0	20.0
1,3-Dichloropropane	Ave	0.7183	0.7348		20.5	20.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.171	0.0500	101	100	0.9	50.0
Dibromochloromethane	Ave	0.3956	0.3490	0.1000	17.6	20.0	-11.8	50.0
n-Butyl acetate	Ave	0.7768	0.7616		19.6	20.0	-2.0	20.0
Ethylene Dibromide	Ave	0.4023	0.3985	0.1000	19.8	20.0	-0.9	20.0
Chlorobenzene	Ave	1.201	1.201	0.5000	20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3682		18.8	20.0	-5.9	20.0
Ethylbenzene	Ave	0.6589	0.6508	0.1000	19.8	20.0	-1.2	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7700	0.1000	19.8	20.0	-1.2	20.0
o-Xylene	Ave	0.7895	0.7443	0.3000	18.9	20.0	-5.7	20.0
Styrene	Ave	1.308	1.238	0.3000	18.9	20.0	-5.3	20.0
n-Butyl acrylate	Ave	0.3628	0.3392		18.7	20.0	-6.5	20.0
Bromoform	Ave	0.2568	0.1943	0.1000	15.1	20.0	-24.3*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.813		20.1	20.0	0.5	20.0
Isopropylbenzene	Ave	1.800	1.773	0.1000	19.7	20.0	-1.5	20.0
Bromobenzene	Ave	0.9477	0.9251		19.5	20.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	1.065	0.3000	18.5	20.0	-7.3	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.8698		19.0	20.0	-4.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.3656		16.8	20.0	-16.1	20.0
N-Propylbenzene	Ave	4.293	4.392		20.5	20.0	2.3	20.0
2-Chlorotoluene	Ave	2.806	2.864		20.4	20.0	2.1	20.0
4-Ethyltoluene	Ave	3.370	3.492		20.7	20.0	3.6	20.0
4-Chlorotoluene	Ave	3.118	3.219		20.6	20.0	3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.735		20.4	20.0	1.9	20.0
Butyl Methacrylate	Ave	0.998	0.9489		19.0	20.0	-4.9	20.0
tert-Butylbenzene	Ave	2.387	2.493		20.9	20.0	4.5	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.534		19.8	20.0	-1.2	20.0
sec-Butylbenzene	Ave	3.375	3.465		20.5	20.0	2.7	20.0
1,3-Dichlorobenzene	Ave	1.731	1.735	0.6000	20.0	20.0	0.2	20.0
1,4-Dichlorobenzene	Ave	1.758	1.746	0.5000	19.9	20.0	-0.7	20.0
4-Isopropyltoluene	Ave	2.796	2.748		19.7	20.0	-1.7	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.659		20.3	20.0	1.7	20.0
Benzyl chloride	QuaF		0.3809		18.7	20.0	-6.7	50.0
Indan	Ave	2.868	3.163		22.1	20.0	10.3	20.0
1,2-Dichlorobenzene	Ave	1.675	1.756	0.4000	21.0	20.0	4.8	20.0
p-Diethylbenzene	Ave	1.578	1.460		18.5	20.0	-7.5	20.0
n-Butylbenzene	Ave	1.281	1.208		18.9	20.0	-5.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.772		23.6	20.0	18.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.2069	0.0500	19.0	20.0	-4.8	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8603		19.7	20.0	-1.4	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	0.8788	0.2000	20.1	20.0	0.5	20.0
Hexachlorobutadiene	Ave	0.3691	0.3001		16.3	20.0	-18.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.299	12.31		107	20.0	435.5*	50.0
1,2,3-Trichlorobenzene	Ave	0.8009	0.8085		20.2	20.0	0.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2257	0.2184		48.4	50.0	-3.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3350	0.3116		46.5	50.0	-7.0	20.0
Toluene-d8 (Surr)	Ave	1.410	1.506		53.4	50.0	6.8	20.0
4-Bromofluorobenzene	Ave	0.3851	0.3732		48.5	50.0	-3.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29287.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-May-2025 23:29:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 02:33:05 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1643

First Level Reviewer: HVW2 Date: 06-May-2025 02:33:05

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	82	6541	20.0	15.0	
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	99	58587	20.0	16.4	
3	Chlorodifluoromethane	67	1.155	1.155	0.000	97	10493	20.0	16.6	
4	Chloromethane	50	1.270	1.270	0.000	99	81858	20.0	17.7	
5	Vinyl chloride	62	1.315	1.315	0.000	98	61620	20.0	17.3	
6	Butadiene	54	1.338	1.338	0.000	98	45982	20.0	13.7	
7	Bromomethane	94	1.521	1.521	0.000	98	37837	20.0	19.6	
8	Chloroethane	64	1.589	1.589	0.000	99	43967	20.0	17.9	
9	Dichlorofluoromethane	67	1.726	1.726	0.000	99	113913	20.0	19.2	
10	Trichlorofluoromethane	101	1.761	1.761	0.000	99	67573	20.0	17.3	
11	Pentane	57	1.818	1.818	0.000	97	36401	40.0	45.3	
12	Ethanol	46	1.886	1.886	0.000	96	6328	800.0	827.8	
13	Ethyl ether	59	1.955	1.955	0.000	94	50711	20.0	19.4	
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	78	29249	20.0	12.3	
15	2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	65443	20.0	20.4	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	97	57121	20.0	15.9	
17	Acrolein	56	2.046	2.046	0.000	82	4957	40.0	30.5	
18	1,1-Dichloroethene	96	2.114	2.114	0.000	96	35169	20.0	14.8	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.114	0.000	94	57378	20.0	22.9	
20	Acetone	43	2.149	2.149	0.000	86	40302	100.0	63.9	
21	Iodomethane	142	2.217	2.217	0.000	100	59500	20.0	14.3	
22	Isopropyl alcohol	45	2.251	2.251	0.000	36	6432	200.0	78.4	
23	Carbon disulfide	76	2.263	2.263	0.000	100	174939	20.0	18.5	
24	Acetonitrile	40	2.343	2.343	0.000	98	44502	200.0	164.7	
25	3-Chloro-1-propene	76	2.366	2.366	0.000	86	26033	20.0	15.4	
26	Methyl acetate	43	2.388	2.388	0.000	99	16797	40.0	13.2	
27	Cyclopentene	67	2.434	2.434	0.000	97	139630	20.0	17.3	
28	Methylene Chloride	84	2.457	2.457	0.000	97	59680	20.0	19.1	
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	132300	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	98	36821	200.0	183.2	
31	Acrylonitrile	53	2.640	2.640	0.000	94	111655	200.0	145.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	97	50963	20.0	17.3	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	194366	20.0	21.6	
34 Hexane	57	2.891	2.891	0.000	94	86975	20.0	23.2	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	100	88934	20.0	17.7	
36 Vinyl acetate	86	3.039	3.039	0.000	100	24083	40.0	45.3	
37 Isopropyl ether	45	3.062	3.062	0.000	91	218156	20.0	21.3	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	94	54125	20.0	19.8	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	178276	20.0	17.7	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	233420	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	90	40705	20.0	14.8	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	94	18412	20.0	19.6	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	28166	100.0	95.0	
44 Propionitrile	54	3.542	3.542	0.000	95	39915	200.0	198.4	
45 Ethyl acetate	43	3.564	3.564	0.000	99	118029	40.0	39.4	
46 Methyl acrylate	55	3.587	3.587	0.000	99	52966	20.0	18.9	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	204000	200.0	180.7	
48 Chlorobromomethane	128	3.690	3.690	0.000	95	20118	20.0	17.1	
49 Tetrahydrofuran	42	3.747	3.747	0.000	95	18258	40.0	27.4	
50 Chloroform	83	3.770	3.770	0.000	96	81570	20.0	16.9	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	94359	50.0	48.4	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	80834	20.0	19.1	
53 Cyclohexane	84	3.998	3.998	0.000	95	77974	20.0	19.3	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	77937	20.0	18.6	
54 Carbon tetrachloride	117	4.101	4.101	0.000	77	64059	20.0	18.7	
56 Isobutyl alcohol	43	4.238	4.238	0.000	57	61167	500.0	539.7	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134632	50.0	46.5	
58 Benzene	78	4.306	4.306	0.000	97	225593	20.0	19.3	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	73053	20.0	16.5	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	20385	20.0	17.4	
61 Isooctane	57	4.409	4.409	0.000	96	136160	20.0	19.8	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	97	160687	20.0	18.8	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	432128	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	94	65285	20.0	20.6	
65 n-Butanol	56	4.934	4.934	0.000	96	35735	500.0	466.5	
66 Trichloroethene	95	4.980	4.980	0.000	96	55484	20.0	18.2	
67 Ethyl acrylate	55	5.129	5.129	0.000	98	74824	20.0	18.6	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	85547	20.0	20.4	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	92	62360	20.0	18.3	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	26529	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	91	28394	20.0	16.4	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	28437	40.0	36.2	
73 1,4-Dioxane	88	5.391	5.391	0.000	31	14180	400.0	390.3	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	91811	20.0	19.8	
75 Dichlorobromomethane	83	5.540	5.540	0.000	98	64609	20.0	16.5	
76 2-Nitropropane	41	5.825	5.825	0.000	100	26970	40.0	24.8	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	96	37695	20.0	17.5	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	102017	400.0	405.6	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	93318	20.0	18.8	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	98	296010	100.0	101.6	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	475448	50.0	53.4	
82 Toluene	91	6.521	6.521	0.000	93	248831	20.0	19.5	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	97	84420	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.001	7.001	0.000	92	73790	20.0	18.2	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	42434	20.0	18.3	
86 Tetrachloroethene	166	7.241	7.241	0.000	90	46930	20.0	17.0	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	92809	20.0	20.5	
88 2-Hexanone	43	7.446	7.446	0.000	99	202744	100.0	100.9	
89 Chlorodibromomethane	129	7.583	7.583	0.000	96	44089	20.0	17.6	
90 n-Butyl acetate	43	7.674	7.674	0.000	98	96195	20.0	19.6	
91 Ethylene Dibromide	107	7.720	7.720	0.000	99	50331	20.0	19.8	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	88	315782	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	151743	20.0	20.0	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.611	0.000	91	46508	20.0	18.8	
95 Ethylbenzene	106	8.668	8.668	0.000	99	82199	20.0	19.8	
96 m-Xylene & p-Xylene	106	8.850	8.850	0.000	0	97263	20.0	19.8	
97 o-Xylene	106	9.456	9.456	0.000	94	94013	20.0	18.9	
98 Styrene	104	9.490	9.490	0.000	92	156352	20.0	18.9	
99 n-Butyl acrylate	73	9.513	9.513	0.000	96	42841	20.0	18.7	
100 Bromoform	173	9.718	9.718	0.000	92	24537	20.0	15.1	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	111235	20.0	20.1	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	223918	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	81	117855	50.0	48.5	
104 Bromobenzene	156	10.483	10.483	0.000	93	56751	20.0	19.5	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	65337	20.0	18.5	
106 1,2,3-Trichloropropane	75	10.597	10.597	0.000	95	53357	20.0	19.0	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	84	22428	20.0	16.8	
108 N-Propylbenzene	91	10.746	10.746	0.000	99	269417	20.0	20.5	
109 2-Chlorotoluene	91	10.837	10.837	0.000	98	175676	20.0	20.4	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	214219	20.0	20.7	
111 4-Chlorotoluene	91	11.020	11.020	0.000	98	197447	20.0	20.6	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	91	167804	20.0	20.4	
113 Butyl Methacrylate	87	11.282	11.282	0.000	95	58211	20.0	19.0	
114 tert-Butylbenzene	119	11.499	11.499	0.000	93	152965	20.0	20.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	155445	20.0	19.8	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	212556	20.0	20.5	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	106461	20.0	20.0	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	153367	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	90	107117	20.0	19.9	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	98	168570	20.0	19.7	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	163099	20.0	20.3	
122 Benzyl chloride	126	12.059	12.059	0.000	98	23367	20.0	18.7	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	93	194018	20.0	22.1	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	107720	20.0	21.0	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	89541	20.0	18.5	
126 n-Butylbenzene	92	12.275	12.275	0.000	97	74119	20.0	18.9	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	170062	20.0	23.6	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	12692	20.0	19.0	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	52775	20.0	19.7	
130 1,2,4-Trichlorobenzene	180	13.372	13.372	0.000	93	53913	20.0	20.1	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	85	18411	20.0	16.3	
132 Naphthalene	128	13.520	13.520	0.000	99	755389	20.0	107.1	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	94	49597	20.0	20.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	32.1	
S 136 Xylenes, Total	100				0		40.0	38.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	97.1	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00639	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-May-2025 02:33:06 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29287.d

Injection Date: 05-May-2025 23:29:30 Instrument ID: CVOAMS12 Operator ID:

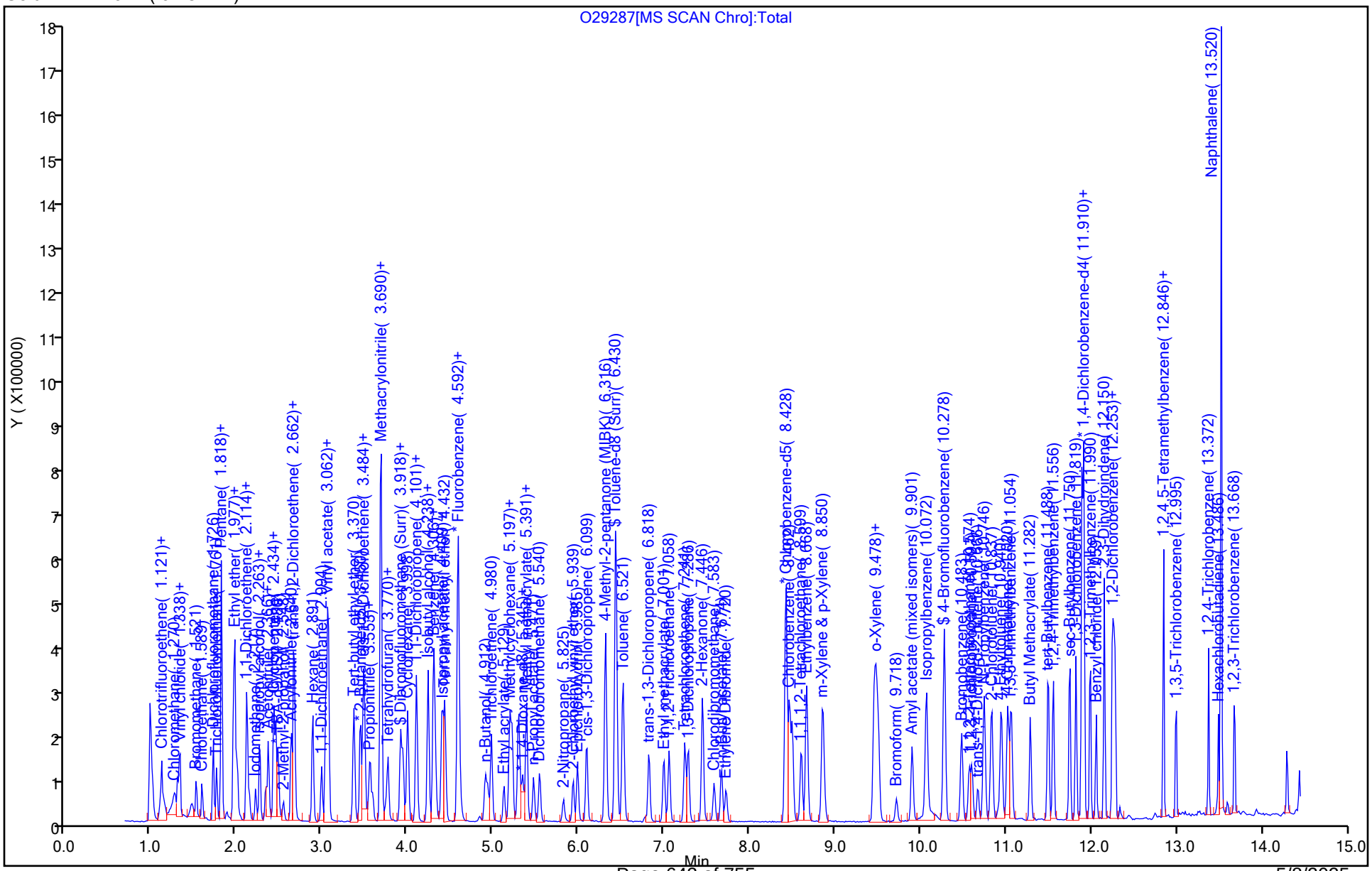
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035827/2 Calibration Date: 05/06/2025 11:36

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29312.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.4671	0.5040		21.6	20.0	7.9	20.0
Dichlorodifluoromethane	Ave	0.4135	0.5104	0.1000	24.7	20.0	23.4*	20.0
Chlorodifluoromethane	Ave	0.0733	0.0701		19.1	20.0	-4.5	20.0
Chloromethane	Ave	0.5348	0.5751	0.1000	21.5	20.0	7.5	20.0
Vinyl chloride	Ave	0.4131	0.4416	0.1000	21.4	20.0	6.9	20.0
Butadiene	Ave	0.3879	0.4015		20.7	20.0	3.5	20.0
Bromomethane	Qua2		0.2606	0.1000	23.2	20.0	15.9	50.0
Chloroethane	Ave	0.2841	0.2857	0.1000	20.1	20.0	0.6	50.0
Dichlorofluoromethane	Ave	0.6850	0.7202		21.0	20.0	5.2	20.0
Trichlorofluoromethane	Ave	0.4508	0.5356	0.1000	23.8	20.0	18.8	20.0
Pentane	Ave	0.0930	0.0981		42.2	40.0	5.5	20.0
Ethanol	Ave	0.0578	0.0553		766	800	-4.2	50.0
Ethyl ether	Lin2		0.2860		18.9	20.0	-5.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	QuaF		0.2205		16.0	20.0	-20.1*	20.0
2-Methyl-1,3-butadiene	Ave	0.3703	0.3310		17.9	20.0	-10.6	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4155	0.3989		19.2	20.0	-4.0	20.0
Acrolein	Ave	1.227	1.178		38.4	40.0	-4.0	50.0
1,1-Dichloroethene	Ave	0.2751	0.2408	0.1000	17.5	20.0	-12.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2905	0.3148	0.1000	21.7	20.0	8.3	20.0
Acetone	QuaF		0.4471	0.0010	66.2	100	-33.8	50.0
Iodomethane	QuaF		0.3778		15.7	20.0	-21.6*	20.0
Isopropyl alcohol	Ave	0.6198	0.3152		102	200	-49.1	50.0
Carbon disulfide	Ave	1.094	0.8417	0.1000	15.4	20.0	-23.0	50.0
Acetonitrile	QuaF		1.405		137	200	-31.3*	20.0
3-Chloro-1-propene	Ave	0.1951	0.1671		17.1	20.0	-14.3	20.0
Methyl acetate	QuaF		0.0766	0.0500	20.8	40.0	-48.0*	20.0
Cyclopentene	Ave	0.9317	0.8493		18.2	20.0	-8.8	20.0
Methylene Chloride	Ave	0.3617	0.3247	0.1000	18.0	20.0	-10.2	20.0
2-Methyl-2-propanol	Ave	1.519	1.324		174	200	-12.8	50.0
Acrylonitrile	QuaF		0.0666		150	200	-25.2*	20.0
trans-1,2-Dichloroethene	Ave	0.3409	0.3051	0.1000	17.9	20.0	-10.5	20.0
Methyl tert-butyl ether	Ave	1.039	1.045	0.1000	20.1	20.0	0.6	20.0
Hexane	Ave	0.4337	0.4096		18.9	20.0	-5.6	20.0
1,1-Dichloroethane	Ave	0.5807	0.5231	0.2000	18.0	20.0	-9.9	20.0
Vinyl acetate	Ave	0.5696	0.5102		35.8	40.0	-10.4	20.0
Isopropyl ether	Ave	1.187	1.143		19.3	20.0	-3.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3165	0.2719		17.2	20.0	-14.1	20.0
Tert-butyl ethyl ether	Ave	1.167	1.007		17.2	20.0	-13.8	20.0
2,2-Dichloropropane	Ave	0.1086	0.0970		17.9	20.0	-10.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035827/2 Calibration Date: 05/06/2025 11:36

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29312.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3175	0.2805	0.1000	17.7	20.0	-11.7	20.0
Methyl Ethyl Ketone	Ave	0.3175	0.2983	0.0100	94.0	100	-6.0	50.0
Propionitrile	Ave	1.521	1.531		201	200	0.7	20.0
Ethyl acetate	Ave	3.209	3.021		37.7	40.0	-5.9	20.0
Methyl acrylate	Ave	0.3243	0.2979		18.4	20.0	-8.2	20.0
Chlorobromomethane	Ave	0.1358	0.1189		17.5	20.0	-12.5	20.0
Methacrylonitrile	Ave	0.1306	0.1243		190	200	-4.8	20.0
Tetrahydrofuran	Ave	0.7125	0.6520		36.6	40.0	-8.5	20.0
Chloroform	Ave	0.5574	0.4922	0.2000	17.7	20.0	-11.7	20.0
1,1,1-Trichloroethane	Ave	0.4909	0.4486	0.1000	18.3	20.0	-8.6	20.0
Cyclohexane	Ave	0.4670	0.4458	0.1000	19.1	20.0	-4.5	50.0
1,1-Dichloropropene	Ave	0.4858	0.4353		17.9	20.0	-10.4	20.0
Carbon tetrachloride	Ave	0.3959	0.3617	0.1000	18.3	20.0	-8.6	20.0
Isobutyl alcohol	Ave	0.8567	0.8561		500	500	-0.0	50.0
Benzene	Ave	1.854	1.660	0.5000	17.9	20.0	-10.4	20.0
1,2-Dichloroethane	Ave	0.5120	0.4456	0.1000	17.4	20.0	-13.0	20.0
Isopropyl acetate	Ave	0.1352	0.1150		17.0	20.0	-15.0	20.0
Isooctane	Ave	0.7939	0.7897		19.9	20.0	-0.5	20.0
Tert-amyl methyl ether	Ave	0.9912	0.9099		18.4	20.0	-8.2	20.0
n-Heptane	Ave	0.3670	0.3760		20.5	20.0	2.5	20.0
n-Butanol	Ave	0.5791	0.4807		415	500	-17.0	50.0
Trichloroethene	Ave	0.3533	0.3211	0.2000	18.2	20.0	-9.1	20.0
Ethyl acrylate	Ave	0.4650	0.4161		17.9	20.0	-10.5	20.0
Methylcyclohexane	Ave	0.4846	0.4987	0.1000	20.6	20.0	2.9	50.0
1,2-Dichloropropane	Ave	0.3936	0.3453	0.1000	17.5	20.0	-12.3	20.0
Dibromomethane	Ave	0.2000	0.1790		17.9	20.0	-10.5	20.0
1,4-Dioxane	Ave	1.369	1.340		391	400	-2.1	50.0
Methyl methacrylate	Ave	0.0909	0.0807		35.5	40.0	-11.3	20.0
n-Propyl acetate	Ave	0.5356	0.5029		18.8	20.0	-6.1	20.0
Bromodichloromethane	Ave	0.4542	0.3728	0.2000	16.4	20.0	-17.9	20.0
2-Nitropropane	Ave	0.1257	0.0728		23.2	40.0	-42.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.2491	0.2239		18.0	20.0	-10.1	20.0
Epichlorohydrin	Ave	0.2694	0.2646		393	400	-1.8	20.0
cis-1,3-Dichloropropene	Ave	0.7842	0.6691	0.2000	17.1	20.0	-14.7	50.0
methyl isobutyl ketone	Ave	3.121	2.970	0.0500	95.1	100	-4.9	50.0
Toluene	Ave	2.023	1.855	0.4000	18.3	20.0	-8.3	20.0
trans-1,3-Dichloropropene	Ave	0.7484	0.6289	0.1000	16.8	20.0	-16.0	50.0
Ethyl methacrylate	Ave	0.6433	0.5436		16.9	20.0	-15.5	20.0
1,1,2-Trichloroethane	Ave	0.3680	0.3130	0.1000	17.0	20.0	-14.9	20.0
Tetrachloroethene	Ave	0.4372	0.3650	0.2000	16.7	20.0	-16.5	20.0
1,3-Dichloropropane	Ave	0.7183	0.6927		19.3	20.0	-3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035827/2 Calibration Date: 05/06/2025 11:36

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29312.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.018	0.0500	93.8	100	-6.2	50.0
Dibromochloromethane	Ave	0.3956	0.3378	0.1000	17.1	20.0	-14.6	50.0
n-Butyl acetate	Ave	0.7768	0.7132		18.4	20.0	-8.2	20.0
Ethylene Dibromide	Ave	0.4023	0.3737	0.1000	18.6	20.0	-7.1	20.0
Chlorobenzene	Ave	1.201	1.143	0.5000	19.0	20.0	-4.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3544		18.1	20.0	-9.5	20.0
Ethylbenzene	Ave	0.6589	0.6152	0.1000	18.7	20.0	-6.6	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7508	0.1000	19.3	20.0	-3.6	20.0
o-Xylene	Ave	0.7895	0.7085	0.3000	18.0	20.0	-10.2	20.0
Styrene	Ave	1.308	1.196	0.3000	18.3	20.0	-8.5	20.0
n-Butyl acrylate	Ave	0.3628	0.3206		17.7	20.0	-11.6	20.0
Bromoform	Ave	0.2568	0.1825	0.1000	14.2	20.0	-28.9*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.373		15.2	20.0	-23.9*	20.0
Isopropylbenzene	Ave	1.800	1.678	0.1000	18.6	20.0	-6.8	20.0
Bromobenzene	Ave	0.9477	0.7691		16.2	20.0	-18.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	0.8552	0.3000	14.9	20.0	-25.6*	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.7403		16.2	20.0	-19.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.2675		12.3	20.0	-38.6*	20.0
N-Propylbenzene	Ave	4.293	3.605		16.8	20.0	-16.0	20.0
2-Chlorotoluene	Ave	2.806	2.319		16.5	20.0	-17.3	20.0
4-Ethyltoluene	Ave	3.370	2.785		16.5	20.0	-17.4	20.0
4-Chlorotoluene	Ave	3.118	2.606		16.7	20.0	-16.4	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.199		16.4	20.0	-18.1	20.0
Butyl Methacrylate	Ave	0.998	0.7560		15.2	20.0	-24.2*	20.0
tert-Butylbenzene	Ave	2.387	2.039		17.1	20.0	-14.6	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.093		16.3	20.0	-18.4	20.0
sec-Butylbenzene	Ave	3.375	2.956		17.5	20.0	-12.4	20.0
1,3-Dichlorobenzene	Ave	1.731	1.529	0.6000	17.7	20.0	-11.7	20.0
1,4-Dichlorobenzene	Ave	1.758	1.615	0.5000	18.4	20.0	-8.1	20.0
4-Isopropyltoluene	Ave	2.796	2.433		17.4	20.0	-13.0	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.260		17.3	20.0	-13.5	20.0
Benzyl chloride	QuaF		0.2674		13.1	20.0	-34.5	50.0
Indan	Ave	2.868	2.671		18.6	20.0	-6.9	20.0
1,2-Dichlorobenzene	Ave	1.675	1.537	0.4000	18.4	20.0	-8.2	20.0
p-Diethylbenzene	Ave	1.578	1.357		17.2	20.0	-14.0	20.0
n-Butylbenzene	Ave	1.281	1.098		17.1	20.0	-14.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.474		21.1	20.0	5.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.1616	0.0500	14.9	20.0	-25.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8050		18.5	20.0	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	0.7869	0.2000	18.0	20.0	-10.0	20.0
Hexachlorobutadiene	Ave	0.3691	0.3136		17.0	20.0	-15.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035827/2 Calibration Date: 05/06/2025 11:36

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29312.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.299	2.804		24.4	20.0	22.0	50.0
1,2,3-Trichlorobenzene	Ave	0.8009	0.8392		21.0	20.0	4.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2257	0.2323		51.5	50.0	2.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3350	0.3327		49.7	50.0	-0.7	20.0
Toluene-d8 (Surr)	Ave	1.410	1.442		51.1	50.0	2.3	20.0
4-Bromofluorobenzene	Ave	0.3851	0.3570		46.3	50.0	-7.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29312.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-May-2025 11:36:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0190410-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 11:56:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 11:56:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	89	9612	20.0	21.6	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	86598	20.0	24.7	
3 Chlorodifluoromethane	67	1.144	1.144	0.000	72	11890	20.0	19.1	
4 Chloromethane	50	1.269	1.269	0.000	99	97586	20.0	21.5	
5 Vinyl chloride	62	1.315	1.315	0.000	98	74927	20.0	21.4	
6 Butadiene	54	1.338	1.338	0.000	98	68128	20.0	20.7	
7 Bromomethane	94	1.521	1.521	0.000	98	44222	20.0	23.2	
8 Chloroethane	64	1.589	1.589	0.000	99	48482	20.0	20.1	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	122209	20.0	21.0	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	99	90884	20.0	23.8	
11 Pentane	57	1.817	1.817	0.000	97	33284	40.0	42.2	
12 Ethanol	46	1.886	1.886	0.000	98	6381	800.0	766.1	
13 Ethyl ether	59	1.954	1.954	0.000	93	48525	20.0	18.9	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	92	37409	20.0	16.0	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	98	56169	20.0	17.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	95	67684	20.0	19.2	
17 Acrolein	56	2.046	2.046	0.000	92	6790	40.0	38.4	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	95	40866	20.0	17.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	92	53409	20.0	21.7	
20 Acetone	43	2.149	2.149	0.000	85	42638	100.0	66.2	
21 Iodomethane	142	2.217	2.217	0.000	98	64098	20.0	15.7	
22 Isopropyl alcohol	45	2.251	2.251	0.000	98	9088	200.0	101.7	
23 Carbon disulfide	76	2.274	2.274	0.000	100	142821	20.0	15.4	
24 Acetonitrile	40	2.343	2.343	0.000	99	40502	200.0	137.3	
25 3-Chloro-1-propene	76	2.365	2.365	0.000	86	28359	20.0	17.1	
26 Methyl acetate	43	2.388	2.388	0.000	100	25983	40.0	20.8	
27 Cyclopentene	67	2.434	2.434	0.000	96	144104	20.0	18.2	
28 Methylene Chloride	84	2.457	2.457	0.000	96	55090	20.0	18.0	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	144144	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	38181	200.0	174.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.639	2.639	0.000	93	113032	200.0	149.6	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	98	51770	20.0	17.9	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	177368	20.0	20.1	
34 Hexane	57	2.891	2.891	0.000	94	69497	20.0	18.9	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	99	88762	20.0	18.0	
36 Vinyl acetate	86	3.039	3.039	0.000	100	19461	40.0	35.8	
37 Isopropyl ether	45	3.062	3.062	0.000	91	194022	20.0	19.3	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	94	46129	20.0	17.2	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	170814	20.0	17.2	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	238391	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	90	47594	20.0	17.7	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	84	16454	20.0	17.9	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	28447	100.0	94.0	
44 Propionitrile	54	3.541	3.541	0.000	96	44126	200.0	201.3	
45 Ethyl acetate	43	3.564	3.564	0.000	99	115228	40.0	37.7	
46 Methyl acrylate	55	3.587	3.587	0.000	99	50542	20.0	18.4	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	210944	200.0	190.3	
48 Chlorobromomethane	128	3.690	3.690	0.000	96	20168	20.0	17.5	
49 Tetrahydrofuran	42	3.747	3.747	0.000	98	24868	40.0	36.6	
50 Chloroform	83	3.770	3.770	0.000	97	83516	20.0	17.7	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	98531	50.0	51.5	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	76116	20.0	18.3	
53 Cyclohexane	84	3.998	3.998	0.000	95	75647	20.0	19.1	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	73867	20.0	17.9	
54 Carbon tetrachloride	117	4.101	4.101	0.000	79	61368	20.0	18.3	
56 Isobutyl alcohol	43	4.238	4.238	0.000	57	61700	500.0	499.7	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	141136	50.0	49.7	
58 Benzene	78	4.306	4.306	0.000	98	214875	20.0	17.9	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	75614	20.0	17.4	
60 Isopropyl acetate	61	4.398	4.398	0.000	92	19507	20.0	17.0	
61 Isooctane	57	4.409	4.409	0.000	68	133996	20.0	19.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	96	154381	20.0	18.4	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	424190	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	96	63797	20.0	20.5	
65 n-Butanol	56	4.934	4.934	0.000	98	34647	500.0	415.1	
66 Trichloroethene	95	4.980	4.980	0.000	96	54490	20.0	18.2	
67 Ethyl acrylate	55	5.128	5.128	0.000	99	70600	20.0	17.9	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	84609	20.0	20.6	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	92	58593	20.0	17.5	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	26702	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	90	30367	20.0	17.9	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	27371	40.0	35.5	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	14312	400.0	391.4	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	85338	20.0	18.8	
75 Dichlorobromomethane	83	5.539	5.539	0.000	98	63251	20.0	16.4	
76 2-Nitropropane	41	5.825	5.825	0.000	98	24719	40.0	23.2	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	95	38086	20.0	18.0	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	100907	400.0	392.9	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	86585	20.0	17.1	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	283175	100.0	95.1	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	466534	50.0	51.1	
82 Toluene	91	6.521	6.521	0.000	92	240112	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	97	81386	20.0	16.8	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	70344	20.0	16.9	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	95	40506	20.0	17.0	
86 Tetrachloroethene	166	7.241	7.241	0.000	90	47232	20.0	16.7	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	89636	20.0	19.3	
88 2-Hexanone	43	7.446	7.446	0.000	98	192428	100.0	93.8	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	43711	20.0	17.1	
90 n-Butyl acetate	43	7.674	7.674	0.000	97	92291	20.0	18.4	
91 Ethylene Dibromide	107	7.720	7.720	0.000	99	48363	20.0	18.6	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	91	323521	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	147913	20.0	19.0	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.611	0.000	90	45862	20.0	18.1	
95 Ethylbenzene	106	8.668	8.668	0.000	99	79612	20.0	18.7	
96 m-Xylene & p-Xylene	106	8.862	8.862	0.000	0	97161	20.0	19.3	
97 o-Xylene	106	9.455	9.455	0.000	93	91692	20.0	18.0	
98 Styrene	104	9.490	9.490	0.000	93	154763	20.0	18.3	
99 n-Butyl acrylate	73	9.512	9.512	0.000	96	41492	20.0	17.7	
100 Bromoform	173	9.718	9.718	0.000	92	23617	20.0	14.2	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	102438	20.0	15.2	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	217162	20.0	18.6	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	81	115482	50.0	46.3	
104 Bromobenzene	156	10.483	10.483	0.000	94	57369	20.0	16.2	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	97	63795	20.0	14.9	
106 1,2,3-Trichloropropane	75	10.608	10.608	0.000	97	55223	20.0	16.2	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	84	19957	20.0	12.3	
108 N-Propylbenzene	91	10.745	10.745	0.000	99	268929	20.0	16.8	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	173006	20.0	16.5	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	207755	20.0	16.5	
111 4-Chlorotoluene	91	11.020	11.020	0.000	99	194388	20.0	16.7	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	164006	20.0	16.4	
113 Butyl Methacrylate	87	11.282	11.282	0.000	96	56391	20.0	15.2	
114 tert-Butylbenzene	119	11.488	11.488	0.000	93	152119	20.0	17.1	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	156158	20.0	16.3	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	220472	20.0	17.5	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	114059	20.0	17.7	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	186489	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	79	120489	20.0	18.4	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	181469	20.0	17.4	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	168619	20.0	17.3	
122 Benzyl chloride	126	12.058	12.058	0.000	98	19947	20.0	13.1	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	199210	20.0	18.6	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	95	114653	20.0	18.4	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	101211	20.0	17.2	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	81922	20.0	17.1	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	184542	20.0	21.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	12058	20.0	14.9	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	60047	20.0	18.5	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	93	58698	20.0	18.0	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	87	23396	20.0	17.0	
132 Naphthalene	128	13.520	13.520	0.000	99	209172	20.0	24.4	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	96	62600	20.0	21.0	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	37.2	
S 137 Total BTEX	1				0		100.0	92.2	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

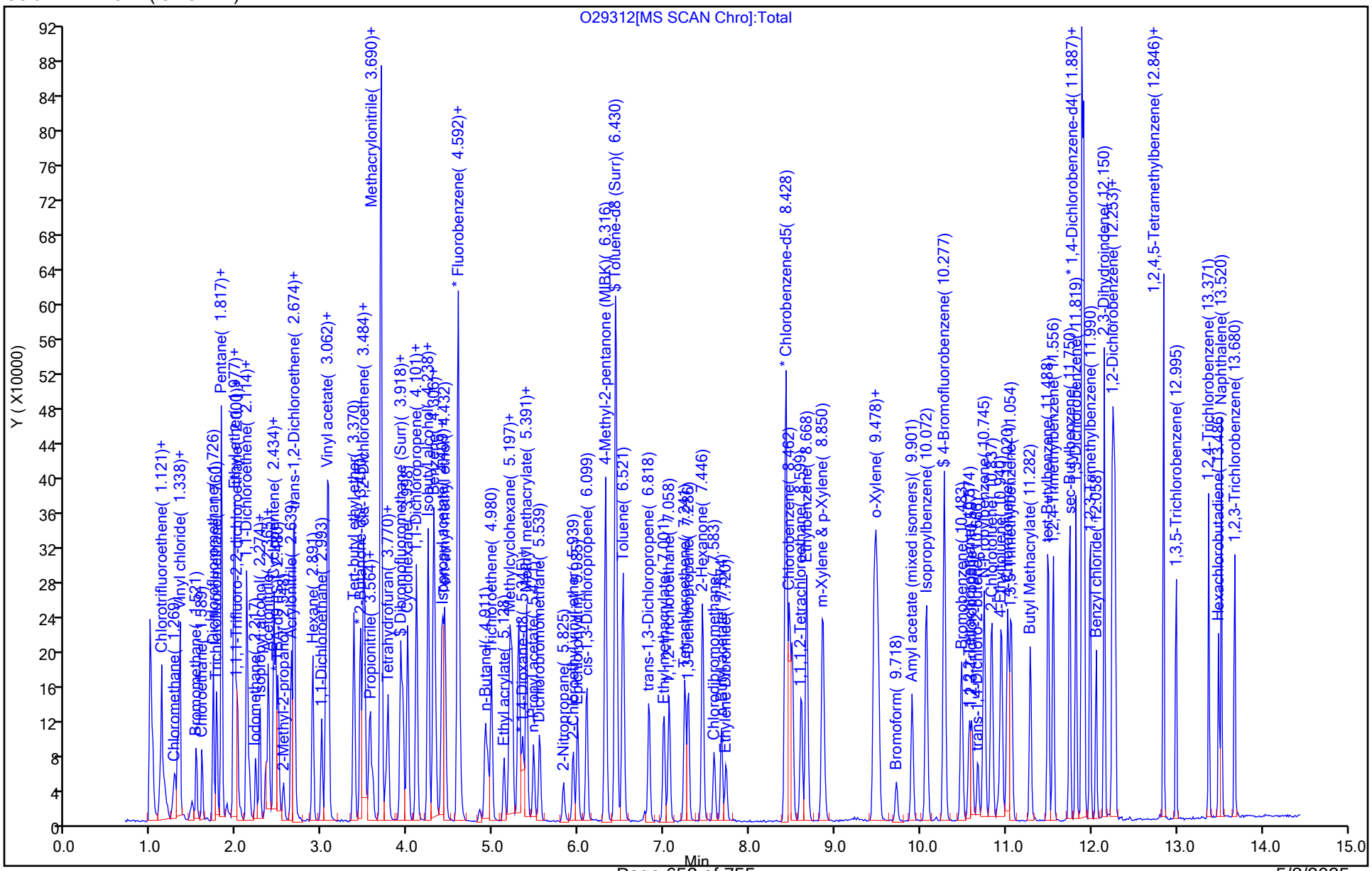
Report Date: 06-May-2025 11:56:29 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29312.d

Injection Date:	06-May-2025 11:36:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035985/3 Calibration Date: 05/06/2025 23:12

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29337.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.4671	0.3538		15.2	20.0	-24.2*	20.0
Dichlorodifluoromethane	Ave	0.4135	0.3423	0.1000	16.6	20.0	-17.2	20.0
Chlorodifluoromethane	Ave	0.0733	0.0592		16.1	20.0	-19.3	20.0
Chloromethane	Ave	0.5348	0.5072	0.1000	19.0	20.0	-5.2	20.0
Vinyl chloride	Ave	0.4131	0.4104	0.1000	19.9	20.0	-0.6	20.0
Butadiene	Ave	0.3879	0.3439		17.7	20.0	-11.3	20.0
Bromomethane	Qua2		0.2455	0.1000	21.9	20.0	9.3	50.0
Chloroethane	Ave	0.2841	0.2947	0.1000	20.8	20.0	3.8	50.0
Dichlorofluoromethane	Ave	0.6850	0.7286		21.3	20.0	6.4	20.0
Trichlorofluoromethane	Ave	0.4508	0.4703	0.1000	20.9	20.0	4.3	20.0
Pentane	Ave	0.0930	0.0904		38.9	40.0	-2.8	20.0
Ethanol	Ave	0.0578	0.0682		944	800	18.0	50.0
Ethyl ether	Lin2		0.3065		20.3	20.0	1.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	QuaF		0.1947		14.1	20.0	-29.4*	20.0
2-Methyl-1,3-butadiene	Ave	0.3703	0.3773		20.4	20.0	1.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4155	0.3653		17.6	20.0	-12.1	20.0
Acrolein	Ave	1.227	1.006		32.8	40.0	-18.0	50.0
1,1-Dichloroethene	Ave	0.2751	0.2457	0.1000	17.9	20.0	-10.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2905	0.3230	0.1000	22.2	20.0	11.2	20.0
Acetone	QuaF		0.4835	0.0010	71.6	100	-28.4	50.0
Iodomethane	QuaF		0.4674		19.4	20.0	-3.0	20.0
Isopropyl alcohol	Ave	0.6198	0.3292		106	200	-46.9	50.0
Carbon disulfide	Ave	1.094	0.9866	0.1000	18.0	20.0	-9.8	50.0
Acetonitrile	QuaF		1.803		177	200	-11.6	20.0
3-Chloro-1-propene	Ave	0.1951	0.1706		17.5	20.0	-12.5	20.0
Methyl acetate	QuaF		0.0710	0.0500	19.3	40.0	-51.8*	20.0
Cyclopentene	Ave	0.9317	0.8588		18.4	20.0	-7.8	20.0
Methylene Chloride	Ave	0.3617	0.3575	0.1000	19.8	20.0	-1.2	20.0
2-Methyl-2-propanol	Ave	1.519	1.520		200	200	0.0	50.0
Acrylonitrile	QuaF		0.0748		168	200	-16.0	20.0
trans-1,2-Dichloroethene	Ave	0.3409	0.2982	0.1000	17.5	20.0	-12.5	20.0
Methyl tert-butyl ether	Ave	1.039	1.012	0.1000	19.5	20.0	-2.6	20.0
Hexane	Ave	0.4337	0.4222		19.5	20.0	-2.7	20.0
1,1-Dichloroethane	Ave	0.5807	0.5418	0.2000	18.7	20.0	-6.7	20.0
Vinyl acetate	Ave	0.5696	0.6886		48.4	40.0	20.9*	20.0
Isopropyl ether	Ave	1.187	1.234		20.8	20.0	3.9	20.0
2-Chloro-1,3-butadiene	Ave	0.3165	0.3017		19.1	20.0	-4.7	20.0
Tert-butyl ethyl ether	Ave	1.167	1.088		18.6	20.0	-6.8	20.0
2,2-Dichloropropane	Ave	0.1086	0.1037		19.1	20.0	-4.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035985/3 Calibration Date: 05/06/2025 23:12

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29337.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3175	0.2918	0.1000	18.4	20.0	-8.1	20.0
Methyl Ethyl Ketone	Ave	0.3175	0.3243	0.0100	102	100	2.1	50.0
Propionitrile	Ave	1.521	1.689		222	200	11.1	20.0
Ethyl acetate	Ave	3.209	3.157		39.3	40.0	-1.6	20.0
Methyl acrylate	Ave	0.3243	0.3193		19.7	20.0	-1.5	20.0
Chlorobromomethane	Ave	0.1358	0.1310		19.3	20.0	-3.6	20.0
Methacrylonitrile	Ave	0.1306	0.1268		194	200	-2.9	20.0
Tetrahydrofuran	Ave	0.7125	0.5842		32.8	40.0	-18.0	20.0
Chloroform	Ave	0.5574	0.5284	0.2000	19.0	20.0	-5.2	20.0
1,1,1-Trichloroethane	Ave	0.4909	0.4950	0.1000	20.2	20.0	0.8	20.0
Cyclohexane	Ave	0.4670	0.4433	0.1000	19.0	20.0	-5.1	50.0
1,1-Dichloropropene	Ave	0.4858	0.4785		19.7	20.0	-1.5	20.0
Carbon tetrachloride	Ave	0.3959	0.3863	0.1000	19.5	20.0	-2.4	20.0
Isobutyl alcohol	Ave	0.8567	0.9334		545	500	9.0	50.0
Benzene	Ave	1.854	1.738	0.5000	18.7	20.0	-6.3	20.0
1,2-Dichloroethane	Ave	0.5120	0.4608	0.1000	18.0	20.0	-10.0	20.0
Isopropyl acetate	Ave	0.1352	0.1235		18.3	20.0	-8.7	20.0
Isooctane	Ave	0.7939	0.7841		19.8	20.0	-1.2	20.0
Tert-amyl methyl ether	Ave	0.9912	0.9820		19.8	20.0	-0.9	20.0
n-Heptane	Ave	0.3670	0.3634		19.8	20.0	-1.0	20.0
n-Butanol	Ave	0.5791	0.5988		517	500	3.4	50.0
Trichloroethene	Ave	0.3533	0.3333	0.2000	18.9	20.0	-5.7	20.0
Ethyl acrylate	Ave	0.4650	0.4500		19.4	20.0	-3.2	20.0
Methylcyclohexane	Ave	0.4846	0.4711	0.1000	19.4	20.0	-2.8	50.0
1,2-Dichloropropane	Ave	0.3936	0.3680	0.1000	18.7	20.0	-6.5	20.0
Dibromomethane	Ave	0.2000	0.1859		18.6	20.0	-7.0	20.0
1,4-Dioxane	Ave	1.369	1.434		419	400	4.8	50.0
Methyl methacrylate	Ave	0.0909	0.0878		38.6	40.0	-3.4	20.0
n-Propyl acetate	Ave	0.5356	0.5213		19.5	20.0	-2.7	20.0
Bromodichloromethane	Ave	0.4542	0.3983	0.2000	17.5	20.0	-12.3	20.0
2-Nitropropane	Ave	0.1257	0.0782		24.9	40.0	-37.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.2491	0.2296		18.5	20.0	-7.8	20.0
Epichlorohydrin	Ave	0.2694	0.2825		420	400	4.9	20.0
cis-1,3-Dichloropropene	Ave	0.7842	0.7346	0.2000	18.7	20.0	-6.3	50.0
methyl isobutyl ketone	Ave	3.121	3.204	0.0500	103	100	2.6	50.0
Toluene	Ave	2.023	1.932	0.4000	19.1	20.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.7484	0.6567	0.1000	17.6	20.0	-12.2	50.0
Ethyl methacrylate	Ave	0.6433	0.5730		17.8	20.0	-10.9	20.0
1,1,2-Trichloroethane	Ave	0.3680	0.3307	0.1000	18.0	20.0	-10.1	20.0
Tetrachloroethene	Ave	0.4372	0.3995	0.2000	18.3	20.0	-8.6	20.0
1,3-Dichloropropane	Ave	0.7183	0.7076		19.7	20.0	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035985/3 Calibration Date: 05/06/2025 23:12

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29337.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.200	0.0500	102	100	2.3	50.0
Dibromochloromethane	Ave	0.3956	0.3574	0.1000	18.1	20.0	-9.7	50.0
n-Butyl acetate	Ave	0.7768	0.7349		18.9	20.0	-5.4	20.0
Ethylene Dibromide	Ave	0.4023	0.3912	0.1000	19.4	20.0	-2.8	20.0
Chlorobenzene	Ave	1.201	1.213	0.5000	20.2	20.0	1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3709		19.0	20.0	-5.2	20.0
Ethylbenzene	Ave	0.6589	0.6541	0.1000	19.9	20.0	-0.7	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7941	0.1000	20.4	20.0	1.9	20.0
o-Xylene	Ave	0.7895	0.7765	0.3000	19.7	20.0	-1.6	20.0
Styrene	Ave	1.308	1.269	0.3000	19.4	20.0	-3.0	20.0
n-Butyl acrylate	Ave	0.3628	0.3438		19.0	20.0	-5.2	20.0
Bromoform	Ave	0.2568	0.1911	0.1000	14.9	20.0	-25.6*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.535		17.0	20.0	-15.0	20.0
Isopropylbenzene	Ave	1.800	1.787	0.1000	19.9	20.0	-0.7	20.0
Bromobenzene	Ave	0.9477	0.8981		19.0	20.0	-5.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	0.9423	0.3000	16.4	20.0	-18.0	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.8219		18.0	20.0	-10.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.3255		14.9	20.0	-25.3*	20.0
N-Propylbenzene	Ave	4.293	4.056		18.9	20.0	-5.5	20.0
2-Chlorotoluene	Ave	2.806	2.670		19.0	20.0	-4.8	20.0
4-Ethyltoluene	Ave	3.370	3.278		19.5	20.0	-2.7	20.0
4-Chlorotoluene	Ave	3.118	3.000		19.2	20.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.587		19.3	20.0	-3.6	20.0
Butyl Methacrylate	Ave	0.998	0.8906		17.9	20.0	-10.7	20.0
tert-Butylbenzene	Ave	2.387	2.388		20.0	20.0	0.0	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.483		19.4	20.0	-3.2	20.0
sec-Butylbenzene	Ave	3.375	3.462		20.5	20.0	2.6	20.0
1,3-Dichlorobenzene	Ave	1.731	1.695	0.6000	19.6	20.0	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.758	1.705	0.5000	19.4	20.0	-3.1	20.0
4-Isopropyltoluene	Ave	2.796	2.679		19.2	20.0	-4.2	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.586		19.8	20.0	-1.1	20.0
Benzyl chloride	QuaF		0.3440		16.9	20.0	-15.7	50.0
Indan	Ave	2.868	3.077		21.5	20.0	7.3	20.0
1,2-Dichlorobenzene	Ave	1.675	1.616	0.4000	19.3	20.0	-3.5	20.0
p-Diethylbenzene	Ave	1.578	1.493		18.9	20.0	-5.4	20.0
n-Butylbenzene	Ave	1.281	1.192		18.6	20.0	-7.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.668		22.7	20.0	13.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.1848	0.0500	17.0	20.0	-15.0	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8876		20.4	20.0	1.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	1.052	0.2000	24.1	20.0	20.3*	20.0
Hexachlorobutadiene	Ave	0.3691	0.3830		20.8	20.0	3.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035985/3 Calibration Date: 05/06/2025 23:12

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29337.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.299	3.139		27.3	20.0	36.5	50.0
1,2,3-Trichlorobenzene	Ave	0.8009	0.9578		23.9	20.0	19.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2257	0.2260		50.1	50.0	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3350	0.3162		47.2	50.0	-5.6	20.0
Toluene-d8 (Surr)	Ave	1.410	1.403		49.8	50.0	-0.5	20.0
4-Bromofluorobenzene	Ave	0.3851	0.3656		47.5	50.0	-5.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29337.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-May-2025 23:12:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:09:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 07-May-2025 03:00:01

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	86	6534	20.0	15.2	
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	99	58359	20.0	16.6	
3	Chlorodifluoromethane	67	1.155	1.155	0.000	64	10096	20.0	16.1	
4	Chloromethane	50	1.269	1.269	0.000	99	86479	20.0	19.0	
5	Vinyl chloride	62	1.315	1.315	0.000	98	69973	20.0	19.9	
6	Butadiene	54	1.338	1.338	0.000	97	58633	20.0	17.7	
7	Bromomethane	94	1.521	1.521	0.000	97	41856	20.0	21.9	
8	Chloroethane	64	1.589	1.589	0.000	100	50252	20.0	20.8	
9	Dichlorofluoromethane	67	1.726	1.726	0.000	99	124227	20.0	21.3	
10	Trichlorofluoromethane	101	1.760	1.760	0.000	98	80186	20.0	20.9	
11	Pentane	57	1.817	1.817	0.000	96	30833	40.0	38.9	
12	Ethanol	46	1.886	1.886	0.000	98	6929	800.0	943.8	
13	Ethyl ether	59	1.954	1.954	0.000	93	52257	20.0	20.3	
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	88	33194	20.0	14.1	
15	2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	64319	20.0	20.4	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	97	62282	20.0	17.6	
17	Acrolein	56	2.046	2.046	0.000	87	5114	40.0	32.8	
18	1,1-Dichloroethene	96	2.114	2.114	0.000	97	41886	20.0	17.9	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	95	55062	20.0	22.2	
20	Acetone	43	2.149	2.149	0.000	87	44641	100.0	71.6	
21	Iodomethane	142	2.217	2.217	0.000	99	79689	20.0	19.4	
22	Isopropyl alcohol	45	2.251	2.251	0.000	96	8366	200.0	106.2	
23	Carbon disulfide	76	2.263	2.263	0.000	100	168208	20.0	18.0	
24	Acetonitrile	40	2.343	2.343	0.000	96	45813	200.0	176.7	
25	3-Chloro-1-propene	76	2.365	2.365	0.000	89	29091	20.0	17.5	
26	Methyl acetate	43	2.388	2.388	0.000	99	24199	40.0	19.3	
27	Cyclopentene	67	2.434	2.434	0.000	97	146421	20.0	18.4	
28	Methylene Chloride	84	2.457	2.457	0.000	97	60946	20.0	19.8	
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	127058	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	99	38632	200.0	200.1	
31	Acrylonitrile	53	2.639	2.639	0.000	96	127578	200.0	168.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	98	50836	20.0	17.5	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	172565	20.0	19.5	
34 Hexane	57	2.891	2.891	0.000	93	71974	20.0	19.5	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	100	92375	20.0	18.7	
36 Vinyl acetate	86	3.039	3.039	0.000	100	25432	40.0	48.4	
37 Isopropyl ether	45	3.062	3.062	0.000	90	210324	20.0	20.8	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	95	51433	20.0	19.1	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	185452	20.0	18.6	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	230835	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	90	49751	20.0	18.4	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	87	17674	20.0	19.1	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	29945	100.0	102.1	
44 Propionitrile	54	3.541	3.541	0.000	94	42930	200.0	222.2	
45 Ethyl acetate	43	3.564	3.564	0.000	99	116581	40.0	39.3	
46 Methyl acrylate	55	3.587	3.587	0.000	99	54437	20.0	19.7	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	216261	200.0	194.2	
48 Chlorobromomethane	128	3.690	3.690	0.000	97	22327	20.0	19.3	
49 Tetrahydrofuran	42	3.747	3.747	0.000	83	21575	40.0	32.8	
50 Chloroform	83	3.770	3.770	0.000	98	90084	20.0	19.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	96344	50.0	50.1	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	84393	20.0	20.2	
53 Cyclohexane	84	3.998	3.998	0.000	95	75579	20.0	19.0	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	81579	20.0	19.7	
54 Carbon tetrachloride	117	4.101	4.101	0.000	78	65858	20.0	19.5	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	59301	500.0	544.8	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134765	50.0	47.2	
58 Benzene	78	4.306	4.306	0.000	98	231746	20.0	18.7	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	96	78570	20.0	18.0	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	21053	20.0	18.3	
61 Isooctane	57	4.409	4.409	0.000	95	133677	20.0	19.8	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	95	167418	20.0	19.8	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	426228	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	96	61958	20.0	19.8	
65 n-Butanol	56	4.934	4.934	0.000	94	38044	500.0	517.1	
66 Trichloroethene	95	4.980	4.980	0.000	96	56826	20.0	18.9	
67 Ethyl acrylate	55	5.128	5.128	0.000	98	76728	20.0	19.4	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	80312	20.0	19.4	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	91	62744	20.0	18.7	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	26892	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	91	31695	20.0	18.6	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	29943	40.0	38.6	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	15430	400.0	419.0	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	88879	20.0	19.5	
75 Dichlorobromomethane	83	5.539	5.539	0.000	98	67905	20.0	17.5	
76 2-Nitropropane	41	5.825	5.825	0.000	97	26654	40.0	24.9	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	96	39241	20.0	18.5	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	104354	400.0	419.6	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	97973	20.0	18.7	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	295799	100.0	102.6	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	467873	50.0	49.8	
82 Toluene	91	6.521	6.521	0.000	92	257694	20.0	19.1	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	98	87586	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.001	7.001	0.000	92	76414	20.0	17.8	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	44100	20.0	18.0	
86 Tetrachloroethene	166	7.240	7.240	0.000	89	53275	20.0	18.3	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	94375	20.0	19.7	
88 2-Hexanone	43	7.446	7.446	0.000	98	203120	100.0	102.3	
89 Chlorodibromomethane	129	7.583	7.583	0.000	98	47661	20.0	18.1	
90 n-Butyl acetate	43	7.674	7.674	0.000	97	98016	20.0	18.9	
91 Ethylene Dibromide	107	7.720	7.720	0.000	97	52170	20.0	19.4	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	333413	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	161789	20.0	20.2	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.599	0.000	92	49461	20.0	19.0	
95 Ethylbenzene	106	8.668	8.668	0.000	99	87237	20.0	19.9	
96 m-Xylene & p-Xylene	106	8.862	8.862	0.000	0	105901	20.0	20.4	
97 o-Xylene	106	9.455	9.455	0.000	94	103554	20.0	19.7	
98 Styrene	104	9.490	9.490	0.000	92	169227	20.0	19.4	
99 n-Butyl acrylate	73	9.512	9.512	0.000	96	45846	20.0	19.0	
100 Bromoform	173	9.718	9.718	0.000	94	25485	20.0	14.9	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	109830	20.0	17.0	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	238309	20.0	19.9	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	83	121912	50.0	47.5	
104 Bromobenzene	156	10.483	10.483	0.000	95	64269	20.0	19.0	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	97	67435	20.0	16.4	
106 1,2,3-Trichloropropane	75	10.608	10.608	0.000	96	58814	20.0	18.0	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	84	23292	20.0	14.9	
108 N-Propylbenzene	91	10.745	10.745	0.000	98	290235	20.0	18.9	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	191082	20.0	19.0	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	234560	20.0	19.5	
111 4-Chlorotoluene	91	11.019	11.019	0.000	98	214675	20.0	19.2	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	93	185117	20.0	19.3	
113 Butyl Methacrylate	87	11.282	11.282	0.000	97	63730	20.0	17.9	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	170867	20.0	20.0	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	97	177699	20.0	19.4	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	247754	20.0	20.5	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	121280	20.0	19.6	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	178906	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	78	121996	20.0	19.4	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	191716	20.0	19.2	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	185025	20.0	19.8	
122 Benzyl chloride	126	12.058	12.058	0.000	98	24619	20.0	16.9	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	220201	20.0	21.5	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	94	115667	20.0	19.3	
125 p-Diethylbenzene	119	12.264	12.264	0.000	94	106837	20.0	18.9	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	85279	20.0	18.6	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	190909	20.0	22.7	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	13224	20.0	17.0	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	63521	20.0	20.4	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	93	75271	20.0	24.1	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	90	27405	20.0	20.8	
132 Naphthalene	128	13.520	13.520	0.000	99	224666	20.0	27.3	
133 1,2,3-Trichlorobenzene	180	13.668	13.668	0.000	93	68545	20.0	23.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.9	
S 136 Xylenes, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	97.8	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2025 12:09:29 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29337.d

Injection Date: 06-May-2025 23:12:30 Instrument ID: CVOAMS12 Operator ID:

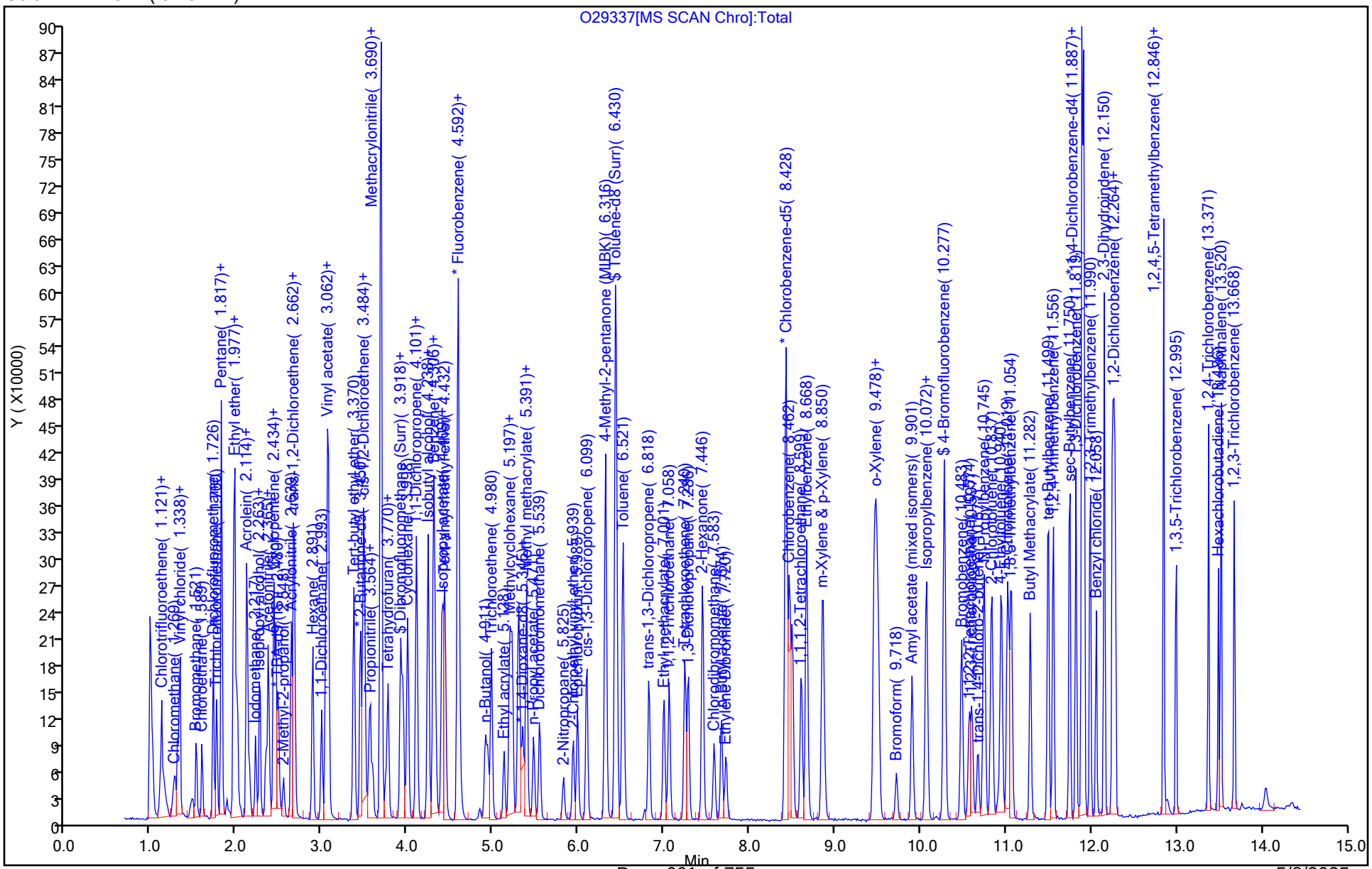
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Apr-2025 03:35:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0189580-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Apr-2025 10:13:56	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1660				
First Level Reviewer: HVW2		Date:	19-Apr-2025 03:44:29		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 139 BFB

QC Flag Legend

Processing Flags

Reagents:

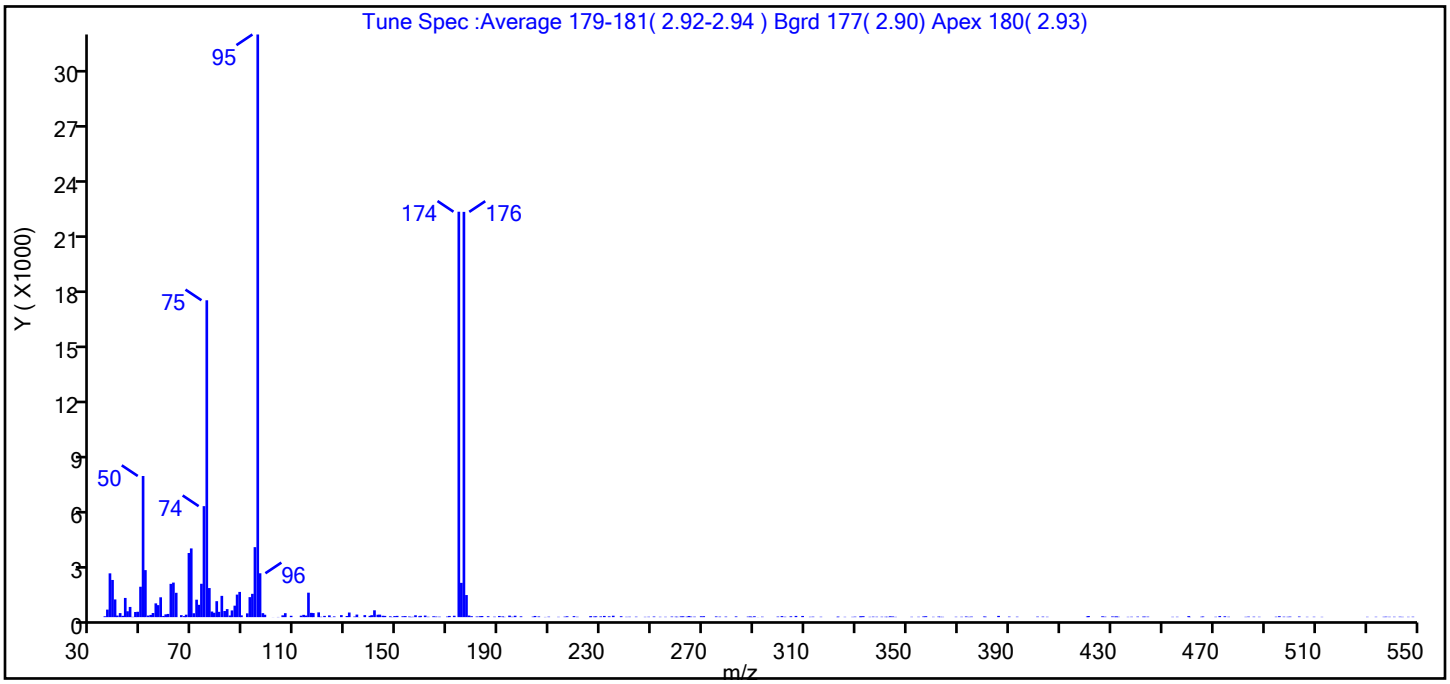
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d
Injection Date: 19-Apr-2025 03:35:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (143.7)
96	5 to 9% of m/z 95	7.5
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	69.6
175	5 to 9% of m/z 174	5.9 (8.5)
176	95 to 105% of m/z 174	69.6 (100.0)
177	5 to 10% of m/z 176	3.8 (5.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d\8260W_12.rslt\spectra.d
Injection Date: 19-Apr-2025 03:35:30
Spectrum: Tune Spec :Average 179-181(2.92-2.94) Bgrd 177(2.90) Apex 180(2.93)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	47	113.00	125	216.00	27	354.00	20
36.00	412	114.00	87	216.00	47	356.00	40
37.00	2394	115.00	1337	219.00	55	357.00	50
38.00	2032	116.00	235	220.00	21	360.00	18
39.00	968	117.00	223	226.00	34	362.00	31
40.00	87	119.00	260	226.00	52	363.00	19
41.00	221	120.00	22	227.00	35	364.00	17
42.00	72	121.00	69	228.00	45	369.00	21
43.00	1050	123.00	96	230.00	40	371.00	21
44.00	321	124.00	5	231.00	66	373.00	36
45.00	558	125.00	40	233.00	45	374.00	18
46.00	15	128.00	110	235.00	77	375.00	29
47.00	282	130.00	61	238.00	51	380.00	35
48.00	294	131.00	252	240.00	19	381.00	23
49.00	1662	133.00	32	241.00	23	386.00	68
50.00	7715	134.00	140	244.00	25	390.00	29
51.00	2570	135.00	4	247.00	17	393.00	24
52.00	88	137.00	110	248.00	21	401.00	29
53.00	122	139.00	70	251.00	34	403.00	28
54.00	225	140.00	106	253.00	19	405.00	20
55.00	753	141.00	374	255.00	19	421.00	34
56.00	656	142.00	130	258.00	32	421.00	60
57.00	1085	143.00	137	259.00	26	427.00	46
58.00	67	144.00	74	260.00	18	428.00	26
59.00	152	145.00	68	261.00	41	430.00	39
60.00	176	147.00	46	262.00	45	432.00	30
61.00	1820	148.00	7	264.00	24	432.00	37
62.00	1889	149.00	58	264.00	59	433.00	22
63.00	1331	150.00	69	265.00	28	437.00	17
64.00	1	152.00	48	266.00	26	438.00	22
65.00	109	153.00	57	269.00	48	440.00	29
66.00	57	155.00	35	270.00	51	443.00	27
67.00	134	155.00	9	275.00	40	443.00	28

Report Date: 21-Apr-2025 10:13:57 Chrom Revision: 2.3 08-Apr-2025 13:07:20
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d\8260W_12.rslt\spectra.d
Injection Date: 19-Apr-2025 03:35:30
Spectrum: Tune Spec :Average 179-181(2.92-2.94) Bgrd 177(2.90) Apex 180(2.93)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
68.00	3505	156.00	19	276.00	27	444.00	27
69.00	3757	157.00	101	279.00	30	454.00	18
70.00	213	158.00	41	283.00	41	456.00	20
71.00	954	159.00	71	288.00	29	460.00	54
72.00	674	161.00	86	288.00	38	461.00	17
73.00	1824	162.00	21	289.00	16	465.00	20
74.00	6067	164.00	47	290.00	48	466.00	35
75.00	17320	165.00	32	291.00	5	471.00	20
76.00	1590	166.00	25	293.00	24	473.00	58
77.00	307	170.00	30	299.00	31	475.00	47
78.00	240	170.00	66	301.00	56	476.00	22
79.00	873	172.00	76	302.00	22	483.00	18
80.00	290	174.00	22160	304.00	46	484.00	29
81.00	1163	175.00	1874	306.00	67	486.00	25
82.00	334	176.00	22152	309.00	65	488.00	20
83.00	439	177.00	1208	312.00	19	495.00	23
84.00	90	178.00	87	313.00	26	496.00	50
85.00	367	179.00	51	316.00	21	498.00	25
86.00	627	181.00	34	323.00	18	499.00	20
87.00	1232	182.00	51	323.00	27	500.00	29
88.00	1379	183.00	61	326.00	17	504.00	34
89.00	97	186.00	49	328.00	17	507.00	18
91.00	207	188.00	25	330.00	26	510.00	21
92.00	1093	190.00	64	332.00	22	513.00	16
93.00	1274	191.00	39	332.00	48	530.00	18
94.00	3825	192.00	17	333.00	53	534.00	20
95.00	31848	194.00	82	335.00	18	537.00	20
96.00	2398	195.00	22	337.00	27	538.00	26
97.00	218	196.00	77	338.00	22	539.00	20
98.00	131	198.00	44	340.00	22	541.00	21
101.00	4	203.00	28	342.00	21	543.00	24
103.00	10	204.00	65	342.00	19	544.00	17
105.00	99	205.00	38	343.00	47	547.00	18
106.00	217	208.00	11	344.00	37	548.00	23

Report Date: 21-Apr-2025 10:13:57 Chrom Revision: 2.3 08-Apr-2025 13:07:20
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d\8260W_12.rslt\spectra.d
Injection Date: 19-Apr-2025 03:35:30
Spectrum: Tune Spec :Average 179-181(2.92-2.94) Bgrd 177(2.90) Apex 180(2.93)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	74	209.00	25	345.00	16		
112.00	80	213.00	17	352.00	19		

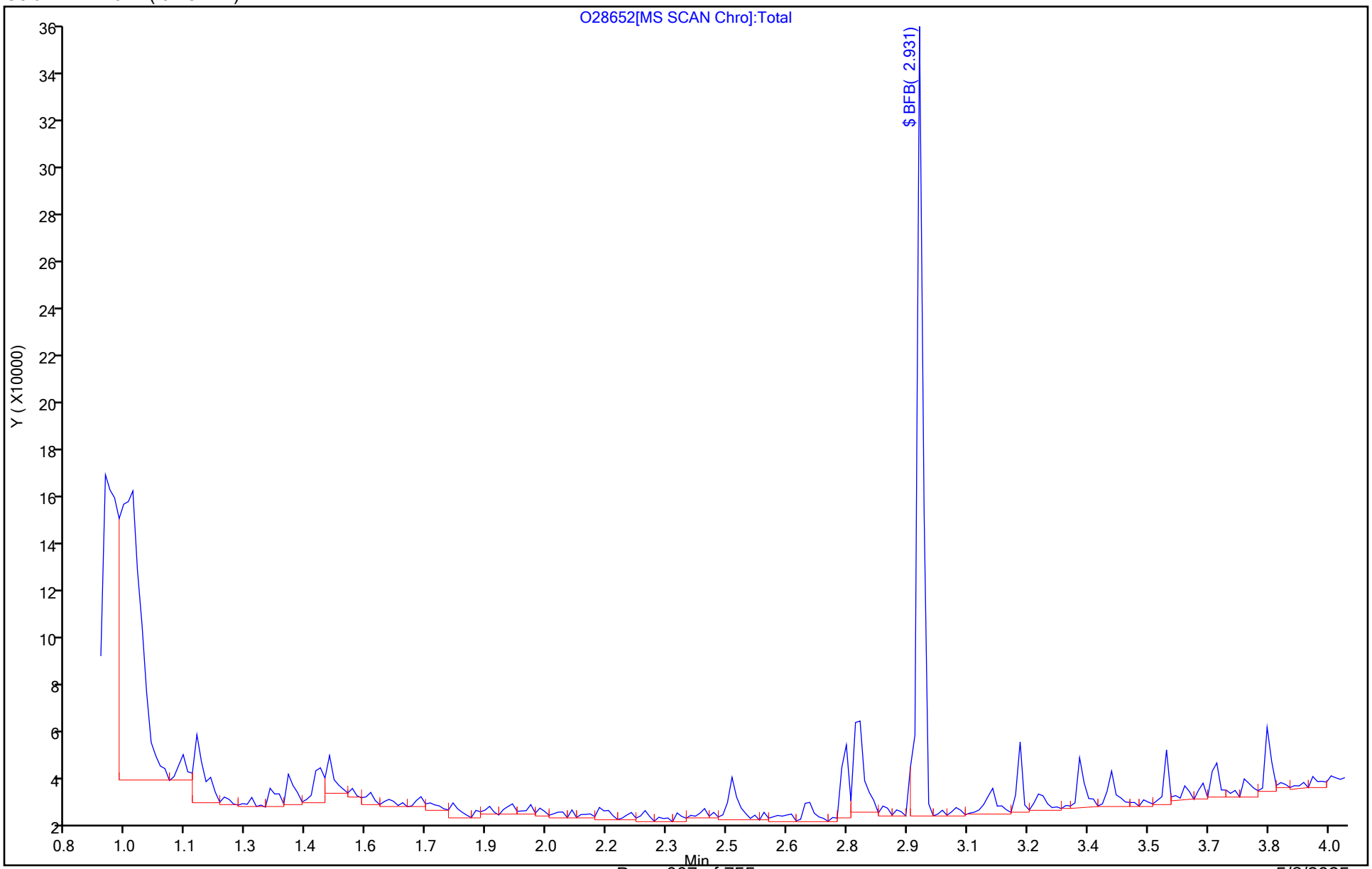
Report Date: 21-Apr-2025 10:13:57 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28652.d

Injection Date:	19-Apr-2025 03:35:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035770/22

Matrix: Water | Lab File ID: O29293.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035770/22

Matrix: Water | Lab File ID: O29293.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 03:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29293.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2025 03:02:30 ALS Bottle#: 7 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190391-022
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:54:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	157687	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	234157	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	94858	50.0	51.8	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134409	50.0	49.5	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	405348	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23935	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	97	431256	50.0	51.1	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	299261	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	81	102535	50.0	44.5	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	138284	50.0	50.0	
132 Naphthalene	128	13.520	13.520	0.000	98	17221		2.71	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

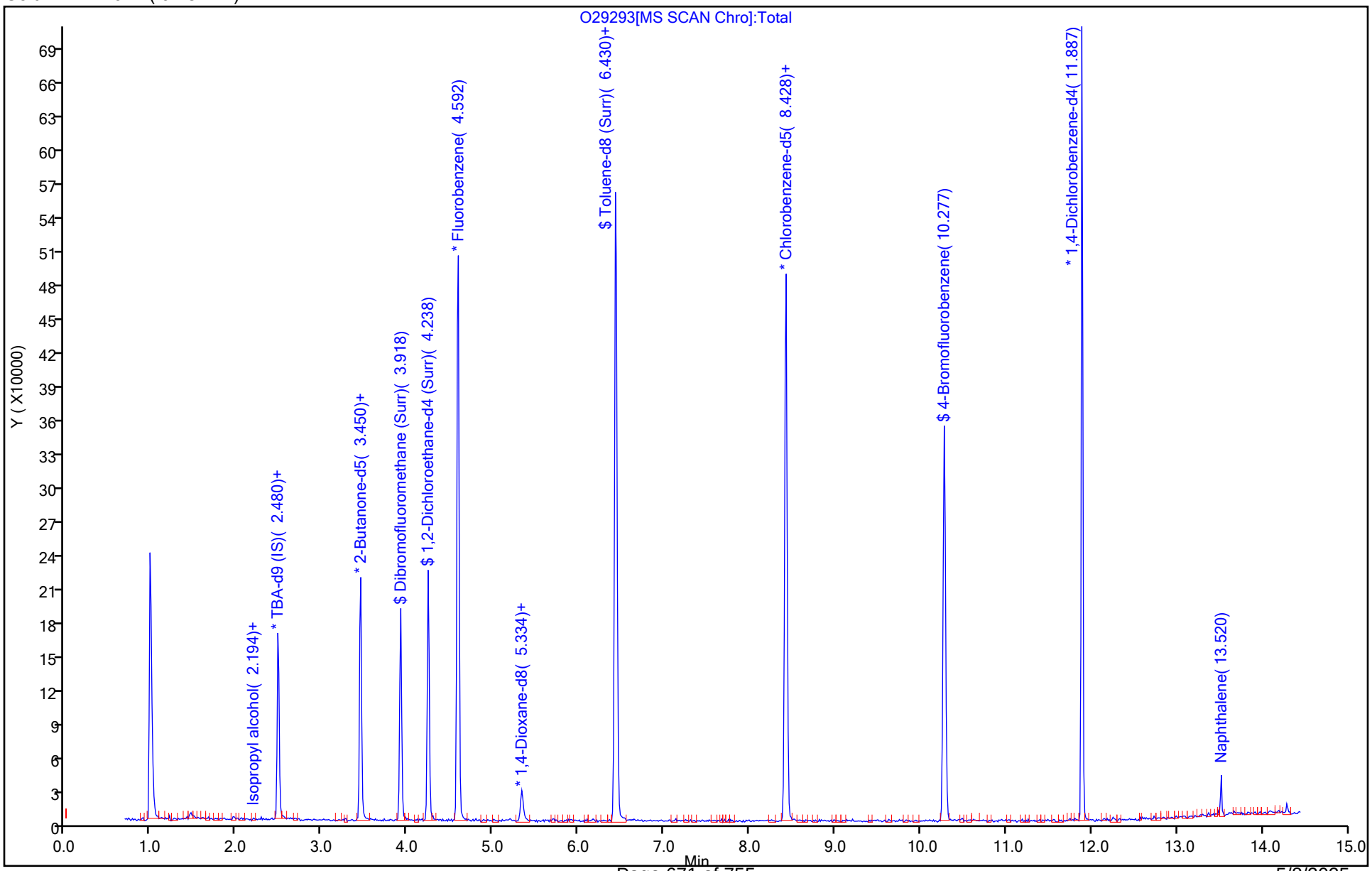
Report Date: 07-May-2025 19:35:33 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29293.d

Injection Date:	06-May-2025 03:02:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	22
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29293.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2025 03:02:30 ALS Bottle#: 7 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190391-022
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 19:35:32 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:54:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.8	103.70
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.5	99.00
$ 81 Toluene-d8 (Surr)	50.0	51.1	102.20
$ 103 4-Bromofluorobenzene	50.0	44.5	88.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035827/8

Matrix: Water | Lab File ID: O29318.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 14:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035827/8

Matrix: Water | Lab File ID: O29318.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 14:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29318.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2025 14:28:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190410-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 14:50:10 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 14:50:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	176343	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	235708	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	94631	50.0	51.6	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	134416	50.0	49.3	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	406592	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23920	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	428710	50.0	50.8	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	299048	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.277	0.001	81	101985	50.0	44.3	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	139215	50.0	50.0	

Reagents:

8260SURR250_00254 Amount Added: 1.00 Units: uL
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent

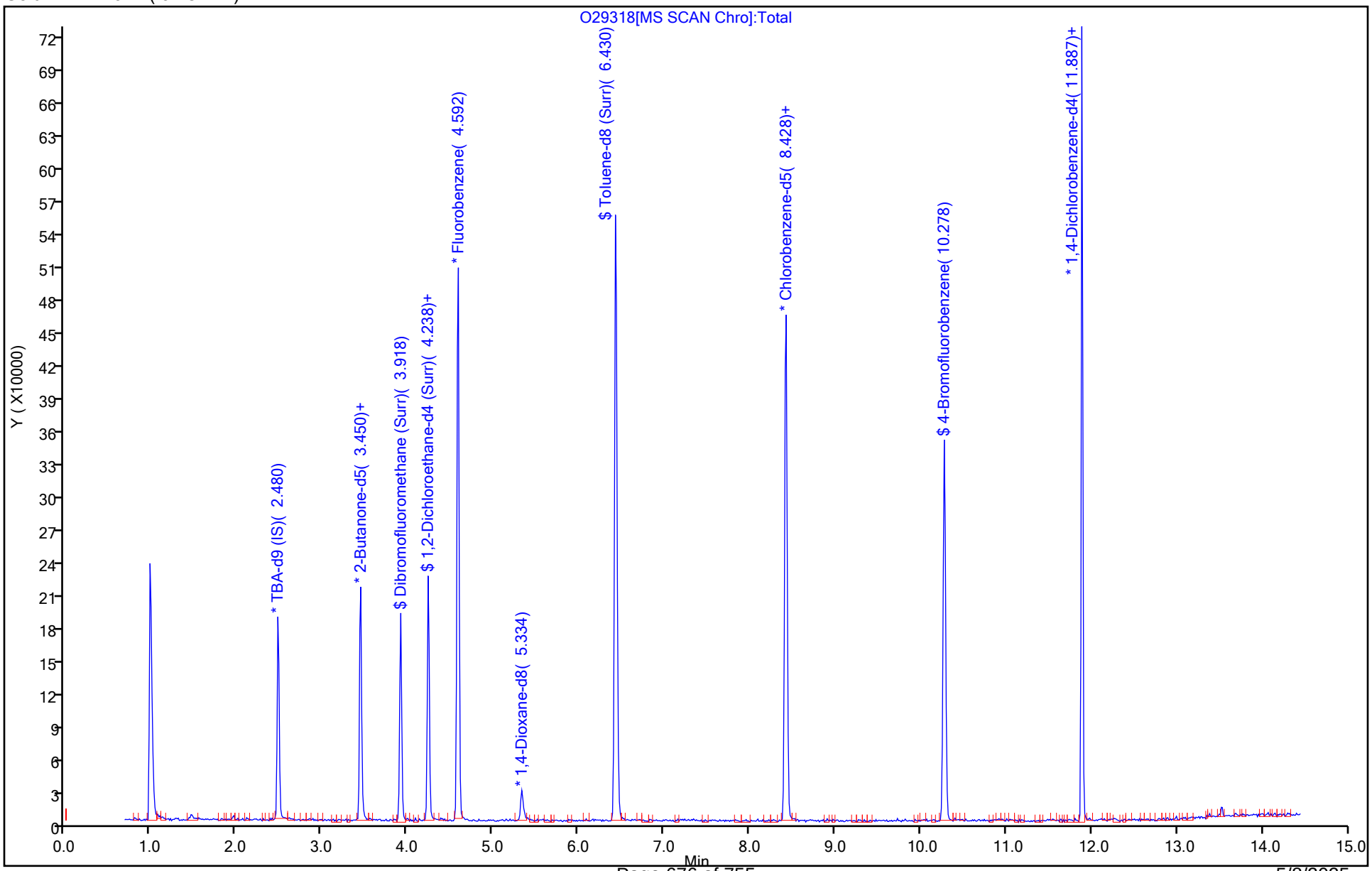
Report Date: 06-May-2025 14:50:19 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29318.d

Injection Date:	06-May-2025 14:28:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29318.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2025 14:28:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190410-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 14:50:10 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 14:50:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.6	103.13
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.3	98.70
$ 81 Toluene-d8 (Surr)	50.0	50.8	101.67
$ 103 4-Bromofluorobenzene	50.0	44.3	88.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035985/8

Matrix: Water | Lab File ID: O29342.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 01:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1035985/8

Matrix: Water | Lab File ID: O29342.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 01:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29342.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2025 01:35:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:08:29 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: RD6L Date: 07-May-2025 12:08:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	165860	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	234309	250.0	250.0	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	97641	50.0	52.8	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	137573	50.0	50.1	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	410028	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	23725	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	444113	50.0	51.9	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	90	303215	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.277	0.001	82	107872	50.0	46.2	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	144686	50.0	50.0	

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00254 Amount Added: 1.00 Units: uL Run Reagent

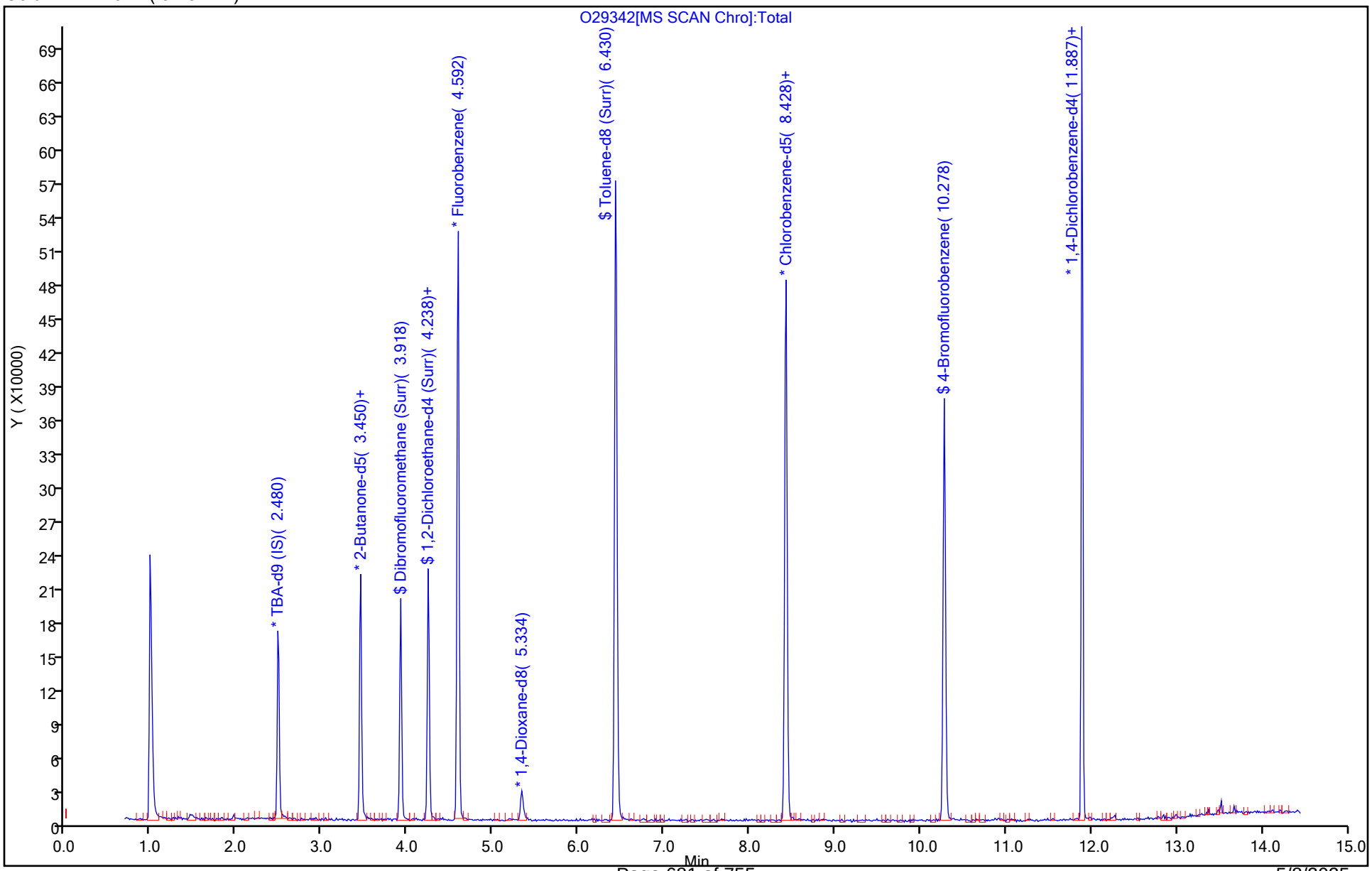
Report Date: 07-May-2025 12:08:30 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29342.d

Injection Date:	07-May-2025 01:35:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29342.d				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	07-May-2025 01:35:30	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	MB				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-May-2025 12:08:29	Calib Date:	19-Apr-2025 08:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1641				

First Level Reviewer: RD6L Date: 07-May-2025 12:08:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	52.8	105.52
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.17
$ 81 Toluene-d8 (Surr)	50.0	51.9	103.88
$ 103 4-Bromofluorobenzene	50.0	46.2	92.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035770/3

Matrix: Water | Lab File ID: O29288.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 00:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.20	0.085
79-00-5	1,1,2-Trichloroethane	16.9		0.58	0.19
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	21.1		1.0	0.26
107-06-2	1,2-Dichloroethane	18.1		0.30	0.087
78-87-5	1,2-Dichloropropane	19.4		0.92	0.074
591-78-6	2-Hexanone	111		5.0	1.1
67-64-1	Acetone	87.8		5.0	4.4
71-43-2	Benzene	18.3		0.45	0.070
75-27-4	Bromodichloromethane	18.2		0.98	0.15
75-25-2	Bromoform	14.6		1.0	0.54
74-83-9	Bromomethane	22.6		1.0	0.55
75-15-0	Carbon disulfide	22.5		1.0	0.82
56-23-5	Carbon tetrachloride	22.0		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	22.0		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	21.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	18.2		0.45	0.069
124-48-1	Dibromochloromethane	17.5		0.78	0.086
100-41-4	Ethylbenzene	20.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	98.5		5.0	3.9
108-10-1	methyl isobutyl ketone	107		5.0	1.3
75-09-2	Methylene Chloride	19.9		1.0	0.65
100-42-5	Styrene	19.5		1.0	0.42
127-18-4	Tetrachloroethene	17.7		0.40	0.28
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.9		0.45	0.12
79-01-6	Trichloroethene	19.8		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035770/3

Matrix: Water | Lab File ID: O29288.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 00:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	21.7		1.0	0.40
1330-20-7	Xylenes, Total	39.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29288.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 00:40:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:56:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	85	6149	20.0	14.1	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	71342	20.0	21.5	
3 Chlorodifluoromethane	67	1.155	1.155	0.000	96	10726	20.0	18.2	
4 Chloromethane	50	1.270	1.270	0.000	99	93055	20.0	21.7	
5 Vinyl chloride	62	1.315	1.315	0.000	98	72068	20.0	21.7	
6 Butadiene	54	1.338	1.338	0.000	98	65546	20.0	21.0	
7 Bromomethane	94	1.532	1.521	0.011	99	40881	20.0	22.6	
8 Chloroethane	64	1.601	1.589	0.012	100	50133	20.0	22.0	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	98	125187	20.0	22.7	
10 Trichlorofluoromethane	101	1.772	1.761	0.012	98	88362	20.0	24.4	
11 Pentane	57	1.829	1.818	0.011	97	36967	40.0	49.5	
12 Ethanol	46	1.886	1.886	0.000	97	8038	800.0	1044.7	
13 Ethyl ether	59	1.966	1.955	0.011	94	53693	20.0	22.1	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	91	44226	20.0	19.9	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	69242	20.0	23.3	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.012	2.000	0.012	96	75512	20.0	22.6	
17 Acrolein	56	2.046	2.046	0.000	96	6068	40.0	37.1	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	96	46726	20.0	21.1	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.114	0.012	94	63607	20.0	27.2	
20 Acetone	43	2.149	2.149	0.000	86	55233	100.0	87.8	
21 Iodomethane	142	2.229	2.217	0.012	100	69119	20.0	17.8	
22 Isopropyl alcohol	45	2.251	2.251	0.000	96	11642	200.0	141.1	
23 Carbon disulfide	76	2.274	2.263	0.011	100	197616	20.0	22.5	
24 Acetonitrile	40	2.343	2.343	0.000	98	49582	200.0	182.6	
25 3-Chloro-1-propene	76	2.377	2.366	0.011	89	32301	20.0	20.6	
26 Methyl acetate	43	2.388	2.388	0.000	99	27723	40.0	23.4	
27 Cyclopentene	67	2.434	2.434	0.000	96	154689	20.0	20.7	
28 Methylene Chloride	84	2.457	2.457	0.000	98	57912	20.0	19.9	
* 29 TBA-d9 (IS)	65	2.491	2.480	0.011	0	133160	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	98	38199	200.0	188.8	
31 Acrylonitrile	53	2.640	2.640	0.000	93	113676	200.0	158.8	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	98	46622	20.0	17.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	159565	20.0	19.1	
34 Hexane	57	2.891	2.891	0.000	94	78013	20.0	22.4	
35 1,1-Dichloroethane	63	2.993	2.994	-0.001	100	93268	20.0	20.0	
36 Vinyl acetate	86	3.039	3.039	0.000	100	22852	40.0	43.0	
37 Isopropyl ether	45	3.062	3.062	0.000	94	193881	20.0	20.3	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	93	51598	20.0	20.3	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	89	174100	20.0	18.6	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	233001	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	89	48545	20.0	19.0	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	84	18739	20.0	21.5	
43 2-Butanone (MEK)	72	3.507	3.496	0.011	100	29142	100.0	98.5	
44 Propionitrile	54	3.553	3.542	0.011	94	49691	200.0	245.4	
45 Ethyl acetate	43	3.564	3.564	0.000	99	118664	40.0	39.7	
46 Methyl acrylate	55	3.599	3.587	0.012	99	53019	20.0	20.3	
47 Methacrylonitrile	67	3.690	3.690	0.000	93	206347	200.0	196.5	
48 Chlorobromomethane	128	3.690	3.690	0.000	97	22358	20.0	20.5	
49 Tetrahydrofuran	42	3.747	3.747	0.000	84	22863	40.0	34.4	
50 Chloroform	83	3.770	3.770	0.000	97	89266	20.0	19.9	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	95231	50.0	52.5	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	86389	20.0	21.9	
53 Cyclohexane	84	3.998	3.998	0.000	95	84428	20.0	22.5	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	82721	20.0	21.2	
54 Carbon tetrachloride	117	4.101	4.101	0.000	82	69962	20.0	22.0	
56 Isobutyl alcohol	43	4.238	4.238	0.000	97	59400	500.0	520.7	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	126479	50.0	47.0	
58 Benzene	78	4.306	4.306	0.000	98	219590	20.0	18.3	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	74610	20.0	18.1	
60 Isopropyl acetate	61	4.409	4.398	0.011	97	20145	20.0	18.5	
61 Isooctane	57	4.409	4.409	0.000	93	147183	20.0	23.1	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	94	158314	20.0	19.9	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	401820	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	70578	20.0	23.9	
65 n-Butanol	56	4.934	4.934	0.000	91	37911	500.0	491.7	
66 Trichloroethene	95	4.980	4.980	0.000	96	56073	20.0	19.8	
67 Ethyl acrylate	55	5.128	5.129	0.000	98	75649	20.0	20.2	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	85950	20.0	22.1	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	91	61442	20.0	19.4	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	25820	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	92	30484	20.0	19.0	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	30402	40.0	41.6	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	14287	400.0	404.1	
74 n-Propyl acetate	43	5.471	5.471	0.000	100	90292	20.0	21.0	
75 Dichlorobromomethane	83	5.551	5.540	0.011	97	66321	20.0	18.2	
76 2-Nitropropane	41	5.825	5.825	0.000	100	27831	40.0	27.5	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	97	33492	20.0	16.7	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	102386	400.0	407.8	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	92566	20.0	18.2	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	312591	100.0	107.5	
$ 81 Toluene-d8 (Surr)	98	6.441	6.430	0.011	98	467508	50.0	51.1	
82 Toluene	91	6.521	6.521	0.000	93	255913	20.0	19.5	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	97	82244	20.0	16.9	
84 Ethyl methacrylate	69	7.001	7.001	0.000	92	82901	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	92	40249	20.0	16.9	
86 Tetrachloroethene	166	7.241	7.241	0.000	91	50134	20.0	17.7	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	88390	20.0	19.0	
88 2-Hexanone	43	7.446	7.446	0.000	98	221763	100.0	110.6	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	44985	20.0	17.5	
90 n-Butyl acetate	43	7.674	7.674	0.000	98	104136	20.0	20.7	
91 Ethylene Dibromide	107	7.720	7.720	0.000	100	49030	20.0	18.8	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	324254	50.0	50.0	
93 Chlorobenzene	112	8.474	8.462	0.012	92	158281	20.0	20.3	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.611	0.000	93	44554	20.0	17.6	
95 Ethylbenzene	106	8.668	8.668	0.000	99	86455	20.0	20.2	
96 m-Xylene & p-Xylene	106	8.862	8.850	0.012	0	103509	20.0	20.5	
97 o-Xylene	106	9.467	9.456	0.011	93	99499	20.0	19.4	
98 Styrene	104	9.490	9.490	0.000	91	165710	20.0	19.5	
99 n-Butyl acrylate	73	9.513	9.513	-0.001	95	49035	20.0	20.8	
100 Bromoform	173	9.718	9.718	0.000	93	24297	20.0	14.6	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	122513	20.0	22.4	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	234444	20.0	20.1	
$ 103 4-Bromofluorobenzene	174	10.277	10.278	-0.001	82	117516	50.0	47.1	
104 Bromobenzene	156	10.483	10.483	0.000	93	59211	20.0	20.6	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	68086	20.0	19.5	
106 1,2,3-Trichloropropane	75	10.609	10.597	0.012	97	57513	20.0	20.8	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	87	22777	20.0	17.2	
108 N-Propylbenzene	91	10.746	10.746	0.000	99	278001	20.0	21.3	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	181844	20.0	21.4	
110 4-Ethyltoluene	105	10.951	10.940	0.011	99	207215	20.0	20.3	
111 4-Chlorotoluene	91	11.020	11.020	0.000	99	195416	20.0	20.7	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	93	154691	20.0	19.0	
113 Butyl Methacrylate	87	11.282	11.282	0.000	96	59959	20.0	19.8	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	158856	20.0	21.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	148946	20.0	19.2	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	219357	20.0	21.4	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	108871	20.0	20.7	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	151666	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	87	106802	20.0	20.0	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	167575	20.0	19.8	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	156033	20.0	19.7	
122 Benzyl chloride	126	12.058	12.059	-0.001	98	23196	20.0	18.7	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	183719	20.0	21.1	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	97	102444	20.0	20.2	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	89951	20.0	18.8	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	75382	20.0	19.4	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	171801	20.0	24.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	13364	20.0	20.3	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	51724	20.0	19.6	
130 1,2,4-Trichlorobenzene	180	13.371	13.372	-0.001	93	54819	20.0	20.7	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	89	23191	20.0	20.7	
132 Naphthalene	128	13.520	13.520	0.000	99	346091	20.0	49.6	
133 1,2,3-Trichlorobenzene	180	13.668	13.680	-0.012	94	53894	20.0	22.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.0	
S 136 Xylenes, Total	100				0		40.0	39.9	
S 137 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00639	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

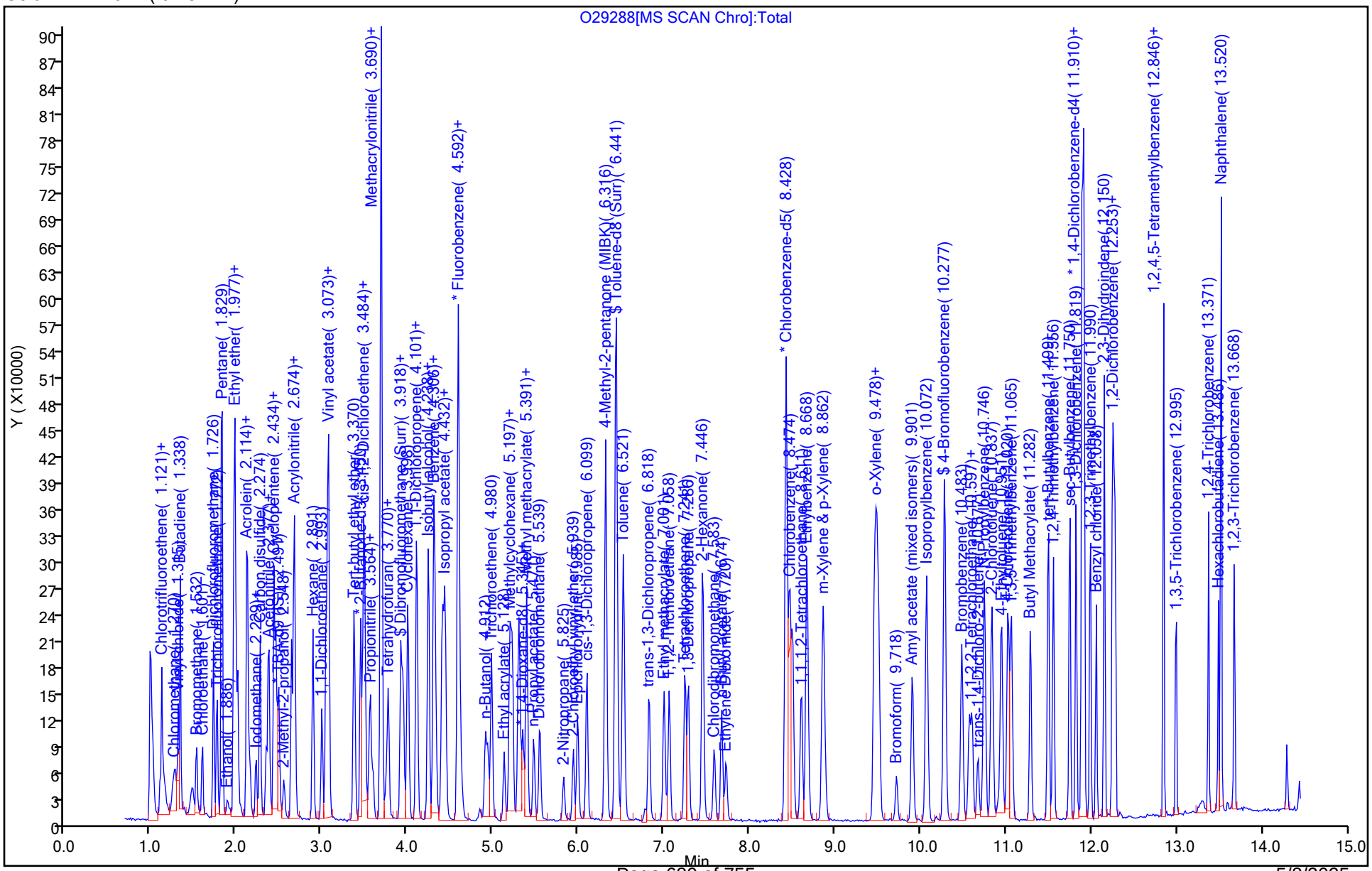
Report Date: 07-May-2025 19:35:11 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29288.d

Injection Date:	06-May-2025 00:40:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29288.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 00:40:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: RD6L Date: 06-May-2025 09:56:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	52.5	105.02
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	47.0	93.97
$ 81 Toluene-d8 (Surr)	50.0	51.1	102.26
$ 103 4-Bromofluorobenzene	50.0	47.1	94.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035827/3

Matrix: Water | Lab File ID: O29313.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 12:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.6		0.20	0.085
79-00-5	1,1,2-Trichloroethane	18.0		0.58	0.19
75-34-3	1,1-Dichloroethane	18.2		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
107-06-2	1,2-Dichloroethane	17.7		0.30	0.087
78-87-5	1,2-Dichloropropane	17.3		0.92	0.074
591-78-6	2-Hexanone	92.9		5.0	1.1
67-64-1	Acetone	72.0		5.0	4.4
71-43-2	Benzene	18.2		0.45	0.070
75-27-4	Bromodichloromethane	16.6		0.98	0.15
75-25-2	Bromoform	14.8		1.0	0.54
74-83-9	Bromomethane	23.4		1.0	0.55
75-15-0	Carbon disulfide	16.9		1.0	0.82
56-23-5	Carbon tetrachloride	19.2		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	20.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.4		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	18.9		0.45	0.069
124-48-1	Dibromochloromethane	17.2		0.78	0.086
100-41-4	Ethylbenzene	19.3		1.0	0.30
78-93-3	Methyl Ethyl Ketone	92.2		5.0	3.9
108-10-1	methyl isobutyl ketone	92.2		5.0	1.3
75-09-2	Methylene Chloride	18.5		1.0	0.65
100-42-5	Styrene	18.8		1.0	0.42
127-18-4	Tetrachloroethene	16.7		0.40	0.28
108-88-3	Toluene	18.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.3		0.45	0.12
79-01-6	Trichloroethene	17.9		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035827/3

Matrix: Water | Lab File ID: O29313.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 12:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	21.8		1.0	0.40
1330-20-7	Xylenes, Total	37.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29313.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 12:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190410-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 12:29:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 12:35:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	88	10719	20.0	22.3	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	88240	20.0	25.0	
3 Chlorodifluoromethane	67	1.155	1.144	0.011	97	11794	20.0	18.8	
4 Chloromethane	50	1.270	1.269	0.001	99	95585	20.0	20.9	
5 Vinyl chloride	62	1.304	1.315	-0.011	98	77004	20.0	21.8	
6 Butadiene	54	1.338	1.338	0.000	98	70387	20.0	21.3	
7 Bromomethane	94	1.521	1.521	0.000	98	45025	20.0	23.4	
8 Chloroethane	64	1.589	1.589	0.000	99	48925	20.0	20.2	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	118691	20.0	20.3	
10 Trichlorofluoromethane	101	1.761	1.760	0.001	97	93737	20.0	24.4	
11 Pentane	57	1.818	1.817	0.001	96	34335	40.0	43.2	
12 Ethanol	46	1.886	1.886	0.000	96	6679	800.0	668.3	
13 Ethyl ether	59	1.955	1.954	0.001	91	50064	20.0	19.4	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	90	39894	20.0	16.9	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	97	60244	20.0	19.1	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	96	73743	20.0	20.8	
17 Acrolein	56	2.046	2.046	0.000	93	7524	40.0	35.5	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	97	44305	20.0	18.9	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.126	-0.012	93	53871	20.0	21.7	
20 Acetone	43	2.149	2.149	0.000	86	50053	100.0	72.0	
21 Iodomethane	142	2.217	2.217	0.000	100	69997	20.0	17.0	
22 Isopropyl alcohol	45	2.252	2.251	0.001	97	11368	200.0	106.0	
23 Carbon disulfide	76	2.263	2.274	-0.011	100	157560	20.0	16.9	
24 Acetonitrile	40	2.343	2.343	0.000	99	46714	200.0	132.0	
25 3-Chloro-1-propene	76	2.366	2.365	0.001	87	33160	20.0	19.9	
26 Methyl acetate	43	2.389	2.388	0.000	100	33730	40.0	26.8	
27 Cyclopentene	67	2.434	2.434	0.000	97	159538	20.0	20.1	
28 Methylene Chloride	84	2.457	2.457	0.000	97	57156	20.0	18.5	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	172945	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	45673	200.0	173.8	
31 Acrylonitrile	53	2.640	2.639	0.001	93	128875	200.0	169.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.663	2.662	0.000	96	55860	20.0	19.2	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	184455	20.0	20.8	
34 Hexane	57	2.891	2.891	0.000	93	74481	20.0	20.1	
35 1,1-Dichloroethane	63	2.994	2.993	0.001	100	90210	20.0	18.2	
36 Vinyl acetate	86	3.039	3.039	0.000	100	20690	40.0	35.3	
37 Isopropyl ether	45	3.062	3.062	0.000	90	194968	20.0	19.2	
38 2-Chloro-1,3-butadiene	88	3.074	3.073	0.001	94	48073	20.0	17.8	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	89	175063	20.0	17.6	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	257348	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.485	3.484	0.001	90	49772	20.0	18.4	
42 2,2-Dichloropropane	97	3.485	3.484	0.001	95	17431	20.0	18.8	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	30134	100.0	92.2	
44 Propionitrile	54	3.542	3.541	0.001	93	47637	200.0	181.2	
45 Ethyl acetate	43	3.564	3.564	0.000	99	116174	40.0	35.2	
46 Methyl acrylate	55	3.587	3.587	0.000	99	52293	20.0	18.9	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	218040	200.0	195.5	
48 Chlorobromomethane	128	3.690	3.690	0.000	44	22976	20.0	19.8	
49 Tetrahydrofuran	42	3.747	3.747	0.000	96	27528	40.0	37.5	
50 Chloroform	83	3.770	3.770	0.000	97	88003	20.0	18.5	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	98620	50.0	51.2	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	79600	20.0	19.0	
53 Cyclohexane	84	3.998	3.998	0.000	94	76645	20.0	19.2	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	92	77829	20.0	18.8	
54 Carbon tetrachloride	117	4.101	4.101	0.000	79	64887	20.0	19.2	
56 Isobutyl alcohol	43	4.238	4.238	0.000	97	62222	500.0	420.0	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	139975	50.0	48.9	
58 Benzene	78	4.307	4.306	0.001	98	215818	20.0	18.2	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	77394	20.0	17.7	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	20501	20.0	17.8	
61 Isooctane	57	4.409	4.409	0.000	95	141618	20.0	20.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	97	157433	20.0	18.6	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	426909	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	94	63786	20.0	20.4	
65 n-Butanol	56	4.934	4.934	0.000	94	35970	500.0	359.2	
66 Trichloroethene	95	4.980	4.980	0.000	97	53882	20.0	17.9	
67 Ethyl acrylate	55	5.129	5.128	0.001	98	74489	20.0	18.8	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	86226	20.0	20.8	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	92	58111	20.0	17.3	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	27483	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	90	31243	20.0	18.3	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	28591	40.0	36.8	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	15248	400.0	405.2	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	85946	20.0	18.8	
75 Dichlorobromomethane	83	5.540	5.539	0.001	98	64345	20.0	16.6	
76 2-Nitropropane	41	5.825	5.825	0.000	96	27632	40.0	25.7	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	97	36977	20.0	17.4	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	104286	400.0	376.1	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	95	95193	20.0	18.9	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	296304	100.0	92.2	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	473517	50.0	52.4	
82 Toluene	91	6.521	6.521	0.000	92	243110	20.0	18.7	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	98	82865	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	73398	20.0	17.8	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	42480	20.0	18.0	
86 Tetrachloroethene	166	7.241	7.241	0.001	90	46892	20.0	16.7	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	91242	20.0	19.8	
88 2-Hexanone	43	7.446	7.446	0.000	99	205746	100.0	92.9	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	43661	20.0	17.2	
90 n-Butyl acetate	43	7.675	7.674	0.001	98	95091	20.0	19.1	
91 Ethylene Dibromide	107	7.720	7.720	0.000	98	49482	20.0	19.2	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	320574	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	93	148511	20.0	19.3	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.611	-0.012	92	46066	20.0	18.4	
95 Ethylbenzene	106	8.668	8.668	0.000	99	81547	20.0	19.3	
96 m-Xylene & p-Xylene	106	8.862	8.862	0.000	0	96227	20.0	19.3	
97 o-Xylene	106	9.456	9.455	0.001	93	94023	20.0	18.6	
98 Styrene	104	9.478	9.490	-0.012	93	157588	20.0	18.8	
99 n-Butyl acrylate	73	9.513	9.512	0.001	96	42791	20.0	18.4	
100 Bromoform	173	9.718	9.718	0.000	93	24322	20.0	14.8	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	106492	20.0	18.0	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	218940	20.0	19.0	
$ 103 4-Bromofluorobenzene	174	10.278	10.277	0.001	82	117229	50.0	47.5	
104 Bromobenzene	156	10.483	10.483	0.000	94	57622	20.0	18.5	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	66642	20.0	17.6	
106 1,2,3-Trichloropropane	75	10.597	10.608	-0.011	97	57128	20.0	19.0	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	84	20561	20.0	14.4	
108 N-Propylbenzene	91	10.746	10.745	0.001	98	269859	20.0	19.1	
109 2-Chlorotoluene	91	10.826	10.837	-0.011	97	175654	20.0	19.1	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	211167	20.0	19.1	
111 4-Chlorotoluene	91	11.020	11.020	0.000	98	193288	20.0	18.9	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	91	170162	20.0	19.3	
113 Butyl Methacrylate	87	11.282	11.282	0.000	96	56877	20.0	17.4	
114 tert-Butylbenzene	119	11.499	11.488	0.011	93	154405	20.0	19.7	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	158752	20.0	18.8	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	220317	20.0	19.9	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	106431	20.0	18.7	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	164285	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	90	112019	20.0	19.4	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	98	171495	20.0	18.7	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	168703	20.0	19.6	
122 Benzyl chloride	126	12.059	12.058	0.001	98	20360	20.0	15.2	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	183527	20.0	19.5	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	107887	20.0	19.6	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	93743	20.0	18.1	
126 n-Butylbenzene	92	12.276	12.275	0.001	97	79200	20.0	18.8	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	178136	20.0	23.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	12442	20.0	17.4	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	53819	20.0	18.8	
130 1,2,4-Trichlorobenzene	180	13.372	13.371	0.001	95	57249	20.0	19.9	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	87	20645	20.0	17.0	
132 Naphthalene	128	13.520	13.520	0.000	99	190170	20.0	25.2	
133 1,2,3-Trichlorobenzene	180	13.668	13.680	-0.012	93	55095	20.0	20.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 136 Xylenes, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	94.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-May-2025 12:35:12 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29313.d

Injection Date: 06-May-2025 12:04:30 Instrument ID: CVOAMS12 Operator ID:

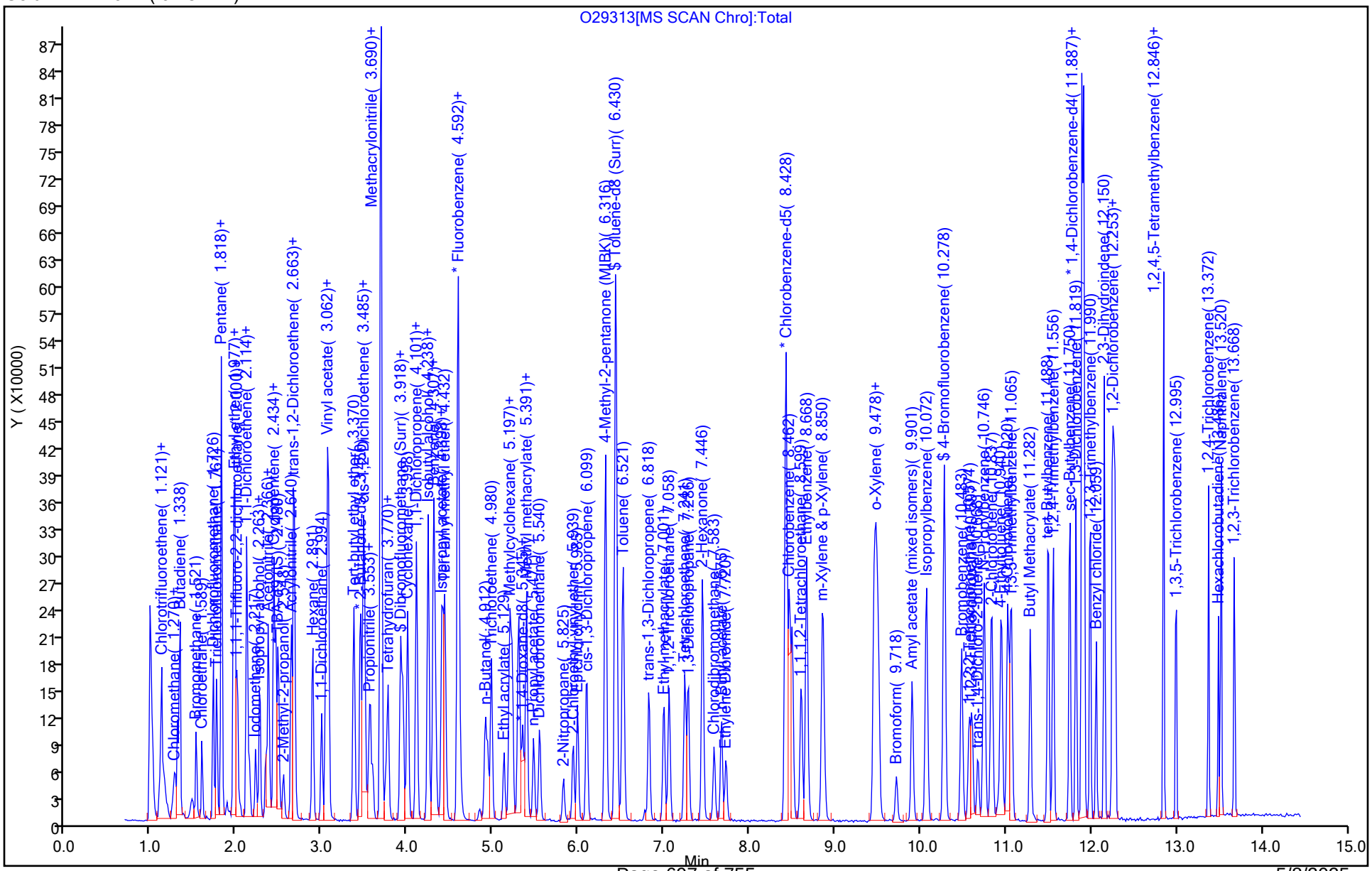
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29313.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 12:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190410-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 12:29:57 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 12:35:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.2	102.37
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.89
$ 81 Toluene-d8 (Surr)	50.0	52.4	104.76
$ 103 4-Bromofluorobenzene	50.0	47.5	94.95

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035985/4

Matrix: Water | Lab File ID: O29338.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.9		0.20	0.085
79-00-5	1,1,2-Trichloroethane	17.3		0.58	0.19
75-34-3	1,1-Dichloroethane	18.1		1.0	0.26
75-35-4	1,1-Dichloroethene	17.3		1.0	0.26
107-06-2	1,2-Dichloroethane	17.7		0.30	0.087
78-87-5	1,2-Dichloropropane	18.0		0.92	0.074
591-78-6	2-Hexanone	98.1		5.0	1.1
67-64-1	Acetone	66.5		5.0	4.4
71-43-2	Benzene	17.6		0.45	0.070
75-27-4	Bromodichloromethane	17.1		0.98	0.15
75-25-2	Bromoform	14.4		1.0	0.54
74-83-9	Bromomethane	20.7		1.0	0.55
75-15-0	Carbon disulfide	17.1		1.0	0.82
56-23-5	Carbon tetrachloride	18.2		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
75-00-3	Chloroethane	18.9		1.0	0.32
67-66-3	Chloroform	18.4		1.0	0.33
74-87-3	Chloromethane	18.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	18.5		0.45	0.069
124-48-1	Dibromochloromethane	17.6		0.78	0.086
100-41-4	Ethylbenzene	18.5		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.6		5.0	3.9
108-10-1	methyl isobutyl ketone	97.6		5.0	1.3
75-09-2	Methylene Chloride	18.3		1.0	0.65
100-42-5	Styrene	19.0		1.0	0.42
127-18-4	Tetrachloroethene	17.0		0.40	0.28
108-88-3	Toluene	18.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.5		0.45	0.12
79-01-6	Trichloroethene	18.1		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1035985/4

Matrix: Water | Lab File ID: O29338.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	19.0		1.0	0.40
1330-20-7	Xylenes, Total	37.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29338.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 23:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:09:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 07-May-2025 03:00:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	84	6247	20.0	14.0	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	98	61118	20.0	17.3	
3 Chlorodifluoromethane	67	1.155	1.155	0.000	96	10514	20.0	16.8	
4 Chloromethane	50	1.281	1.269	0.012	99	84739	20.0	18.5	
5 Vinyl chloride	62	1.315	1.315	0.000	98	67177	20.0	19.0	
6 Butadiene	54	1.338	1.338	0.000	97	58876	20.0	17.8	
7 Bromomethane	94	1.521	1.521	0.000	99	39572	20.0	20.7	
8 Chloroethane	64	1.589	1.589	0.000	100	45970	20.0	18.9	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	115830	20.0	19.8	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	99	81011	20.0	21.0	
11 Pentane	57	1.817	1.817	0.000	97	29461	40.0	37.1	
12 Ethanol	46	1.886	1.886	0.000	98	6411	800.0	781.0	
13 Ethyl ether	59	1.954	1.954	0.000	94	48464	20.0	18.7	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	89	37006	20.0	15.7	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	56861	20.0	18.0	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	97	64382	20.0	18.1	
17 Acrolein	56	2.046	2.046	0.000	89	5860	40.0	33.6	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	96	40655	20.0	17.3	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	93	50339	20.0	20.3	
20 Acetone	43	2.149	2.149	0.000	87	42863	100.0	66.5	
21 Iodomethane	142	2.217	2.217	0.000	100	72996	20.0	17.7	
22 Isopropyl alcohol	45	2.251	2.251	0.000	96	8832	200.0	100.3	
23 Carbon disulfide	76	2.274	2.263	0.011	100	159435	20.0	17.1	
24 Acetonitrile	40	2.343	2.343	0.000	99	43924	200.0	151.3	
25 3-Chloro-1-propene	76	2.365	2.365	0.000	86	29300	20.0	17.6	
26 Methyl acetate	43	2.388	2.388	0.000	99	25583	40.0	20.3	
27 Cyclopentene	67	2.434	2.434	0.000	97	148570	20.0	18.7	
28 Methylene Chloride	84	2.457	2.457	0.000	96	56624	20.0	18.3	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	142058	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	39990	200.0	185.3	
31 Acrylonitrile	53	2.639	2.639	0.000	92	118986	200.0	156.3	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	97	52864	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	185349	20.0	20.9	
34 Hexane	57	2.891	2.891	0.000	93	69877	20.0	18.8	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	100	89799	20.0	18.1	
36 Vinyl acetate	86	3.039	3.039	0.000	100	22537	40.0	41.5	
37 Isopropyl ether	45	3.062	3.062	0.000	90	199496	20.0	19.7	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	95	46775	20.0	17.3	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	89	180034	20.0	18.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	238577	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	89	48124	20.0	17.7	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	85	17774	20.0	19.1	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	29584	100.0	97.6	
44 Propionitrile	54	3.541	3.541	0.000	96	45326	200.0	209.8	
45 Ethyl acetate	43	3.564	3.564	0.000	99	117538	40.0	38.4	
46 Methyl acrylate	55	3.587	3.587	0.000	99	52793	20.0	19.0	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	215467	200.0	192.9	
48 Chlorobromomethane	128	3.690	3.690	0.000	95	20695	20.0	17.8	
49 Tetrahydrofuran	42	3.747	3.747	0.000	96	24381	40.0	35.9	
50 Chloroform	83	3.770	3.770	0.000	98	87613	20.0	18.4	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	98740	50.0	51.2	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	77806	20.0	18.5	
53 Cyclohexane	84	3.998	3.998	0.000	95	75418	20.0	18.9	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	92	79701	20.0	19.2	
54 Carbon tetrachloride	117	4.101	4.101	0.000	78	61632	20.0	18.2	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	61230	500.0	503.1	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	137332	50.0	48.0	
58 Benzene	78	4.306	4.306	0.000	98	215927	20.0	17.6	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	96	77497	20.0	17.7	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	20248	20.0	17.5	
61 Isooctane	57	4.409	4.409	0.000	94	125528	20.0	18.5	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	96	163960	20.0	19.3	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	427445	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	95	59638	20.0	19.0	
65 n-Butanol	56	4.934	4.934	0.000	94	36032	500.0	438.0	
66 Trichloroethene	95	4.980	4.980	0.000	97	54519	20.0	18.1	
67 Ethyl acrylate	55	5.128	5.128	0.000	98	74094	20.0	18.6	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	76551	20.0	18.5	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	92	60479	20.0	18.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	25907	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	91	31188	20.0	18.2	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	29887	40.0	38.5	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	14885	400.0	419.6	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	85547	20.0	18.7	
75 Dichlorobromomethane	83	5.539	5.539	0.000	99	66279	20.0	17.1	
76 2-Nitropropane	41	5.825	5.825	0.000	99	27532	40.0	25.6	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	96	36995	20.0	17.4	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	102892	400.0	400.3	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	95944	20.0	18.5	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	98	290689	100.0	97.6	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	477259	50.0	51.2	
82 Toluene	91	6.521	6.521	0.000	92	241852	20.0	18.1	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	97	86418	20.0	17.5	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	74879	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	41977	20.0	17.3	
86 Tetrachloroethene	166	7.241	7.240	0.000	90	49248	20.0	17.0	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	95	93544	20.0	19.7	
88 2-Hexanone	43	7.446	7.446	0.000	98	201432	100.0	98.1	
89 Chlorodibromomethane	129	7.583	7.583	0.000	98	46064	20.0	17.6	
90 n-Butyl acetate	43	7.674	7.674	0.000	98	91185	20.0	17.8	
91 Ethylene Dibromide	107	7.720	7.720	0.000	96	50692	20.0	19.1	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	88	330458	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	149825	20.0	18.9	
94 1,1,1,2-Tetrachloroethane	131	8.611	8.599	0.012	91	47004	20.0	18.2	
95 Ethylbenzene	106	8.668	8.668	0.000	99	80501	20.0	18.5	
96 m-Xylene & p-Xylene	106	8.850	8.862	-0.012	0	98462	20.0	19.1	
97 o-Xylene	106	9.455	9.455	0.000	93	95562	20.0	18.3	
98 Styrene	104	9.490	9.490	0.000	93	164444	20.0	19.0	
99 n-Butyl acrylate	73	9.512	9.512	0.000	96	43837	20.0	18.3	
100 Bromoform	173	9.718	9.718	0.000	92	24494	20.0	14.4	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	103534	20.0	16.5	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	224485	20.0	18.9	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	83	121326	50.0	47.7	
104 Bromobenzene	156	10.483	10.483	0.000	95	59713	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	67453	20.0	16.9	
106 1,2,3-Trichloropropane	75	10.597	10.608	-0.011	97	56569	20.0	17.8	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	84	21212	20.0	14.0	
108 N-Propylbenzene	91	10.745	10.745	0.000	99	271235	20.0	18.2	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	178402	20.0	18.3	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	212366	20.0	18.1	
111 4-Chlorotoluene	91	11.020	11.019	0.001	98	196585	20.0	18.1	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	169348	20.0	18.1	
113 Butyl Methacrylate	87	11.282	11.282	0.000	97	57509	20.0	16.6	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	156960	20.0	18.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	161418	20.0	18.1	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	219981	20.0	18.7	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	109888	20.0	18.2	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	174029	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	79	112709	20.0	18.4	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	173745	20.0	17.9	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	169552	20.0	18.6	
122 Benzyl chloride	126	12.058	12.058	0.000	98	20405	20.0	14.4	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	188809	20.0	18.9	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	108949	20.0	18.7	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	93737	20.0	17.1	
126 n-Butylbenzene	92	12.275	12.275	0.000	97	78191	20.0	17.5	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	180912	20.0	22.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	13134	20.0	17.4	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	97	59169	20.0	19.5	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	94	60625	20.0	19.9	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	87	21560	20.0	16.8	
132 Naphthalene	128	13.520	13.520	0.000	99	192474	20.0	24.1	
133 1,2,3-Trichlorobenzene	180	13.668	13.668	0.000	94	58882	20.0	21.1	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.9	
S 136 Xylenes, Total	100				0		40.0	37.4	
S 137 Total BTEX	1				0		100.0	91.6	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2025 12:09:38 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29338.d

Injection Date: 06-May-2025 23:40:30 Instrument ID: CVOAMS12 Operator ID:

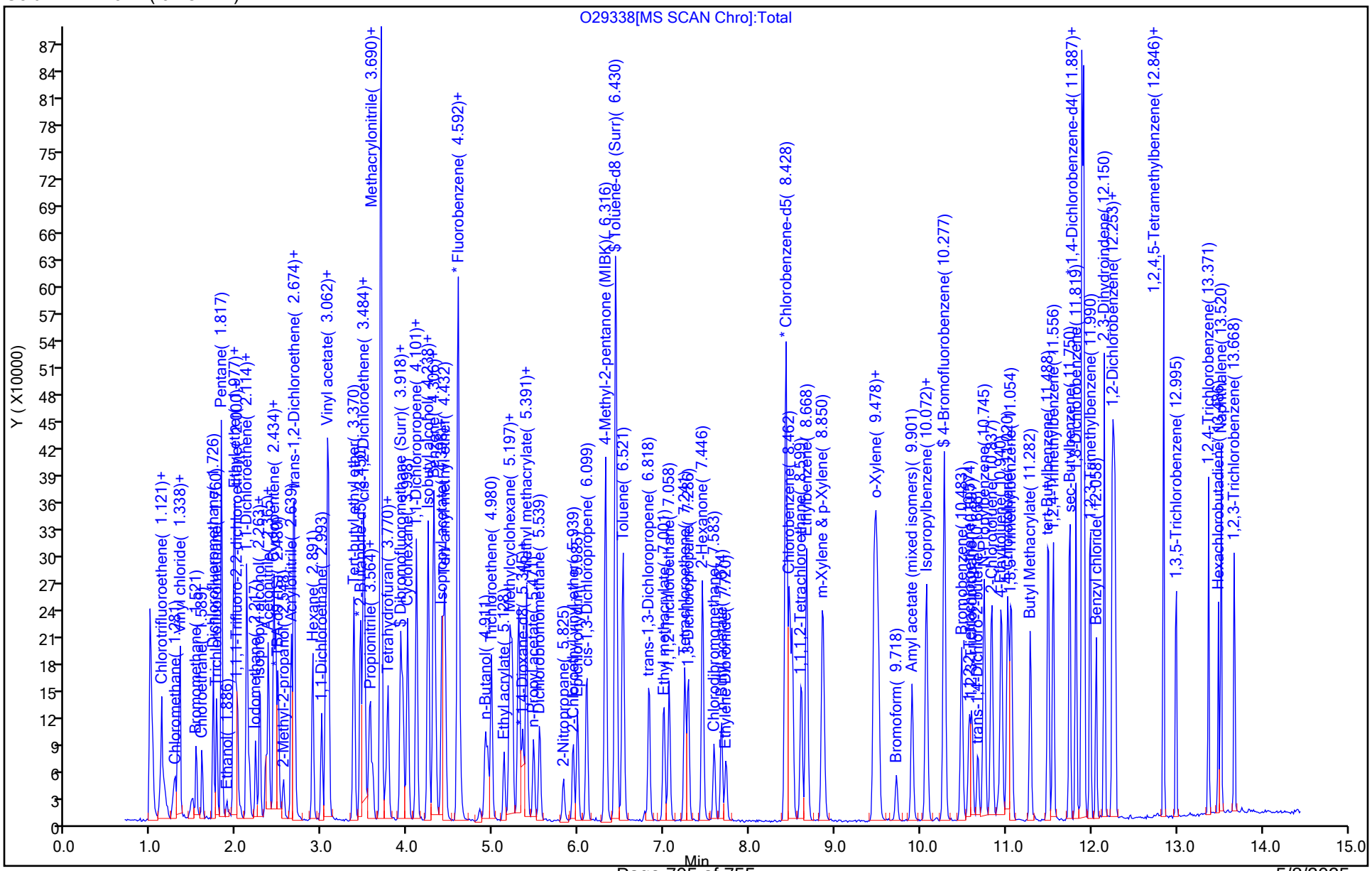
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29338.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2025 23:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:09:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 07-May-2025 03:00:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	51.2	102.36
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.0	95.92
$ 81 Toluene-d8 (Surr)	50.0	51.2	102.43
$ 103 4-Bromofluorobenzene	50.0	47.7	95.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1035827/4

Matrix: Water | Lab File ID: O29314.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.0		0.20	0.085
79-00-5	1,1,2-Trichloroethane	17.5		0.58	0.19
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
107-06-2	1,2-Dichloroethane	17.8		0.30	0.087
78-87-5	1,2-Dichloropropane	17.4		0.92	0.074
591-78-6	2-Hexanone	94.6		5.0	1.1
67-64-1	Acetone	79.7		5.0	4.4
71-43-2	Benzene	17.8		0.45	0.070
75-27-4	Bromodichloromethane	16.5		0.98	0.15
75-25-2	Bromoform	14.1		1.0	0.54
74-83-9	Bromomethane	23.3		1.0	0.55
75-15-0	Carbon disulfide	17.7		1.0	0.82
56-23-5	Carbon tetrachloride	19.1		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
75-00-3	Chloroethane	19.2		1.0	0.32
67-66-3	Chloroform	18.7		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	17.7		0.45	0.069
124-48-1	Dibromochloromethane	17.3		0.78	0.086
100-41-4	Ethylbenzene	18.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.3		5.0	3.9
108-10-1	methyl isobutyl ketone	92.9		5.0	1.3
75-09-2	Methylene Chloride	18.7		1.0	0.65
100-42-5	Styrene	18.6		1.0	0.42
127-18-4	Tetrachloroethene	16.5		0.40	0.28
108-88-3	Toluene	17.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.7		0.45	0.12
79-01-6	Trichloroethene	18.2		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1035827/4

Matrix: Water | Lab File ID: O29314.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035827 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	21.3		1.0	0.40
1330-20-7	Xylenes, Total	36.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29314.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 06-May-2025 12:33:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190410-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 12:57:47 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 12:58:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	96	10758	20.0	22.5	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	86433	20.0	24.9	
3 Chlorodifluoromethane	67	1.155	1.144	0.011	96	11055	20.0	18.0	
4 Chloromethane	50	1.281	1.269	0.012	98	94669	20.0	21.1	
5 Vinyl chloride	62	1.315	1.315	0.000	98	73803	20.0	21.3	
6 Butadiene	54	1.338	1.338	0.000	98	68762	20.0	21.1	
7 Bromomethane	94	1.521	1.521	0.000	98	43932	20.0	23.3	
8 Chloroethane	64	1.589	1.589	0.000	100	45675	20.0	19.2	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	115402	20.0	20.1	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	98	88366	20.0	23.4	
11 Pentane	57	1.817	1.817	0.000	97	33367	40.0	42.8	
12 Ethanol	46	1.886	1.886	0.000	99	6912	800.0	688.8	
13 Ethyl ether	59	1.954	1.954	0.000	95	54357	20.0	21.4	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	93	41510	20.0	17.9	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	61923	20.0	19.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	95	77435	20.0	22.2	
17 Acrolein	56	2.046	2.046	0.000	96	8278	40.0	38.9	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	97	45550	20.0	19.7	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	94	57100	20.0	23.4	
20 Acetone	43	2.149	2.149	0.000	87	55071	100.0	79.7	
21 Iodomethane	142	2.217	2.217	0.000	100	73969	20.0	18.3	
22 Isopropyl alcohol	45	2.251	2.251	0.000	97	12250	200.0	113.8	
23 Carbon disulfide	76	2.263	2.274	-0.011	100	162059	20.0	17.7	
24 Acetonitrile	40	2.343	2.343	0.000	100	46001	200.0	129.4	
25 3-Chloro-1-propene	76	2.365	2.365	0.000	88	30750	20.0	18.8	
26 Methyl acetate	43	2.388	2.388	0.000	100	38090	40.0	30.7	
27 Cyclopentene	67	2.434	2.434	0.000	96	159314	20.0	20.4	
28 Methylene Chloride	84	2.457	2.457	0.000	96	56652	20.0	18.7	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	173670	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	98	45170	200.0	171.2	
31 Acrylonitrile	53	2.639	2.639	0.000	95	129759	200.0	173.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	95	47752	20.0	16.7	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	156974	20.0	18.0	
34 Hexane	57	2.891	2.891	0.000	94	72448	20.0	19.9	
35 1,1-Dichloroethane	63	2.993	2.993	0.000	99	90496	20.0	18.6	
36 Vinyl acetate	86	3.039	3.039	0.000	100	18807	40.0	32.3	
37 Isopropyl ether	45	3.062	3.062	0.000	92	195384	20.0	19.6	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	94	45679	20.0	17.2	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	89	173602	20.0	17.7	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	255767	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	90	50878	20.0	19.1	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	84	17885	20.0	19.6	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	31596	100.0	97.3	
44 Propionitrile	54	3.541	3.541	0.000	95	49569	200.0	187.7	
45 Ethyl acetate	43	3.564	3.564	0.000	99	118659	40.0	36.1	
46 Methyl acrylate	55	3.587	3.587	0.000	99	52655	20.0	19.4	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	221790	200.0	202.4	
48 Chlorobromomethane	128	3.690	3.690	0.000	97	22298	20.0	19.6	
49 Tetrahydrofuran	42	3.747	3.747	0.000	98	27665	40.0	38.0	
50 Chloroform	83	3.770	3.770	0.000	97	87283	20.0	18.7	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	100928	50.0	53.3	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	76763	20.0	18.6	
53 Cyclohexane	84	3.998	3.998	0.000	95	74664	20.0	19.1	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	92	74996	20.0	18.4	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	63454	20.0	19.1	
56 Isobutyl alcohol	43	4.238	4.238	0.000	55	61489	500.0	413.3	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	137704	50.0	49.0	
58 Benzene	78	4.306	4.306	0.000	97	215306	20.0	17.8	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	76634	20.0	17.8	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	20965	20.0	18.5	
61 Isooctane	57	4.409	4.409	0.000	96	139365	20.0	20.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	96	158306	20.0	19.0	
* 63 Fluorobenzene	96	4.592	4.592	0.000	99	419484	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	62754	20.0	20.4	
65 n-Butanol	56	4.934	4.934	0.000	94	36435	500.0	362.3	
66 Trichloroethene	95	4.980	4.980	0.000	96	54064	20.0	18.2	
67 Ethyl acrylate	55	5.128	5.128	0.000	98	72755	20.0	18.6	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	82153	20.0	20.2	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	90	57334	20.0	17.4	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	26829	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	92	31531	20.0	18.8	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	29235	40.0	38.3	
73 1,4-Dioxane	88	5.391	5.391	0.000	33	14512	400.0	395.0	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	88497	20.0	19.7	
75 Dichlorobromomethane	83	5.539	5.539	0.000	98	62901	20.0	16.5	
76 2-Nitropropane	41	5.825	5.825	0.000	99	26760	40.0	25.4	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	95	36294	20.0	17.4	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	105519	400.0	382.9	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	90469	20.0	17.7	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	296658	100.0	92.9	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	466794	50.0	50.7	
82 Toluene	91	6.521	6.521	0.000	92	235286	20.0	17.8	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	98	81489	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	7.001	7.001	0.000	90	74257	20.0	17.7	
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	41908	20.0	17.5	
86 Tetrachloroethene	166	7.240	7.241	0.000	91	47097	20.0	16.5	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	95	92061	20.0	19.6	
88 2-Hexanone	43	7.446	7.446	0.000	98	208156	100.0	94.6	
89 Chlorodibromomethane	129	7.583	7.583	0.000	97	44550	20.0	17.3	
90 n-Butyl acetate	43	7.674	7.674	0.000	99	95533	20.0	18.8	
91 Ethylene Dibromide	107	7.720	7.720	0.000	99	48610	20.0	18.5	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	326316	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	95	150568	20.0	19.2	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.611	-0.012	92	45220	20.0	17.7	
95 Ethylbenzene	106	8.668	8.668	0.000	99	80054	20.0	18.6	
96 m-Xylene & p-Xylene	106	8.850	8.862	-0.012	0	95890	20.0	18.9	
97 o-Xylene	106	9.455	9.455	0.000	93	91972	20.0	17.9	
98 Styrene	104	9.478	9.490	-0.012	93	158721	20.0	18.6	
99 n-Butyl acrylate	73	9.512	9.512	0.000	96	44920	20.0	19.0	
100 Bromoform	173	9.718	9.718	0.000	92	23552	20.0	14.1	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	107264	20.0	18.1	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	219964	20.0	18.7	
$ 103 4-Bromofluorobenzene	174	10.277	10.277	0.000	81	114266	50.0	45.5	
104 Bromobenzene	156	10.483	10.483	0.000	94	57106	20.0	18.4	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	97	64203	20.0	17.0	
106 1,2,3-Trichloropropane	75	10.597	10.608	-0.011	96	56547	20.0	18.9	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	85	22013	20.0	15.4	
108 N-Propylbenzene	91	10.745	10.745	0.000	98	265319	20.0	18.8	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	175957	20.0	19.1	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	214110	20.0	19.4	
111 4-Chlorotoluene	91	11.019	11.020	-0.001	99	193727	20.0	18.9	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	169705	20.0	19.3	
113 Butyl Methacrylate	87	11.282	11.282	0.000	97	57106	20.0	17.4	
114 tert-Butylbenzene	119	11.499	11.488	0.011	94	153162	20.0	19.6	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	158557	20.0	18.8	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	213514	20.0	19.3	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	93	105130	20.0	18.5	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	164100	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	76	109381	20.0	19.0	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	98	173993	20.0	19.0	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	165080	20.0	19.2	
122 Benzyl chloride	126	12.058	12.058	0.000	98	19448	20.0	14.5	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	186133	20.0	19.8	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	96	110209	20.0	20.0	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	98220	20.0	19.0	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	78702	20.0	18.7	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	183564	20.0	23.8	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	12648	20.0	17.7	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	97	61861	20.0	21.6	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	93	64262	20.0	22.4	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	84	21902	20.0	18.1	
132 Naphthalene	128	13.520	13.520	0.000	99	200545	20.0	26.6	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	94	58470	20.0	22.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.8	
S 136 Xylenes, Total	100				0		40.0	36.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	90.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-May-2025 12:58:37 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29314.d

Injection Date: 06-May-2025 12:33:30 Instrument ID: CVOAMS12 Operator ID:

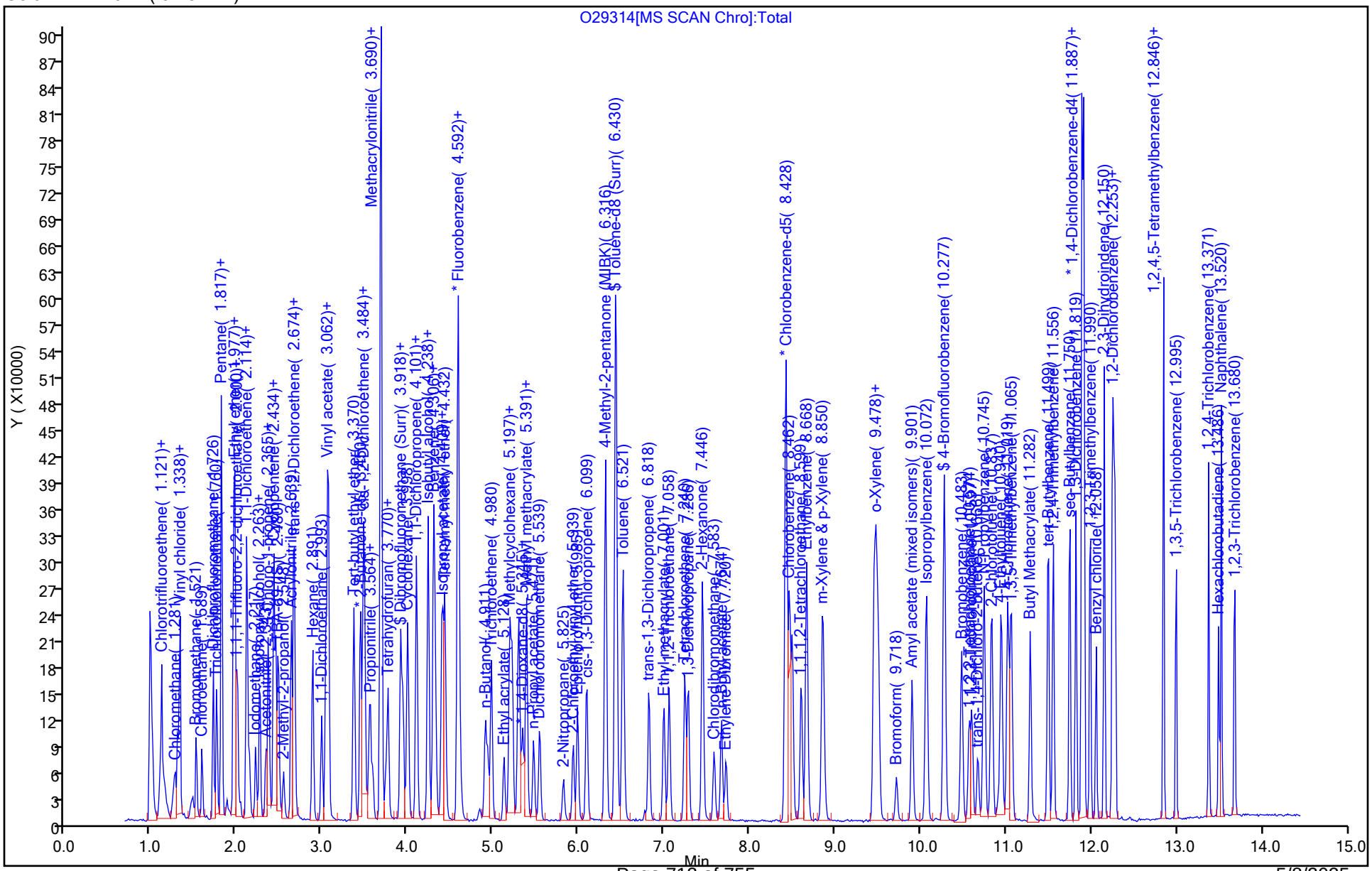
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\O29314.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 06-May-2025 12:33:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190410-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190410.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 12:57:47 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 12:58:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.3	106.62
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	49.0	98.01
$ 81 Toluene-d8 (Surr)	50.0	50.7	101.45
$ 103 4-Bromofluorobenzene	50.0	45.5	90.92

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1035985/5

Matrix: Water | Lab File ID: O29339.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 00:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.0		0.20	0.085
79-00-5	1,1,2-Trichloroethane	17.6		0.58	0.19
75-34-3	1,1-Dichloroethane	18.7		1.0	0.26
75-35-4	1,1-Dichloroethene	17.9		1.0	0.26
107-06-2	1,2-Dichloroethane	17.0		0.30	0.087
78-87-5	1,2-Dichloropropane	19.0		0.92	0.074
591-78-6	2-Hexanone	97.5		5.0	1.1
67-64-1	Acetone	71.5		5.0	4.4
71-43-2	Benzene	17.8		0.45	0.070
75-27-4	Bromodichloromethane	17.5		0.98	0.15
75-25-2	Bromoform	14.1		1.0	0.54
74-83-9	Bromomethane	22.3		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	19.7		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	19.1		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	19.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	17.8		0.45	0.069
124-48-1	Dibromochloromethane	16.7		0.78	0.086
100-41-4	Ethylbenzene	18.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	95.6		5.0	3.9
108-10-1	methyl isobutyl ketone	97.6		5.0	1.3
75-09-2	Methylene Chloride	19.4		1.0	0.65
100-42-5	Styrene	19.1		1.0	0.42
127-18-4	Tetrachloroethene	17.7		0.40	0.28
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.8		0.45	0.12
79-01-6	Trichloroethene	18.1		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1035985/5

Matrix: Water | Lab File ID: O29339.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 00:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035985 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	19.6		1.0	0.40
1330-20-7	Xylenes, Total	39.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29339.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 00:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:09:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 07-May-2025 03:00:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.098	1.098	0.000	86	6993	20.0	15.5	
2 Dichlorodifluoromethane	85	1.121	1.121	0.000	99	63352	20.0	18.0	
3 Chlorodifluoromethane	67	1.155	1.155	0.000	97	10944	20.0	17.5	
4 Chloromethane	50	1.281	1.269	0.012	98	87450	20.0	19.2	
5 Vinyl chloride	62	1.315	1.315	0.000	98	69017	20.0	19.6	
6 Butadiene	54	1.338	1.338	0.000	98	59553	20.0	18.0	
7 Bromomethane	94	1.521	1.521	0.000	99	42793	20.0	22.3	
8 Chloroethane	64	1.589	1.589	0.000	99	46285	20.0	19.1	
9 Dichlorofluoromethane	67	1.726	1.726	0.000	99	118278	20.0	20.3	
10 Trichlorofluoromethane	101	1.761	1.760	0.000	98	82273	20.0	21.4	
11 Pentane	57	1.818	1.817	0.001	97	31341	40.0	39.5	
12 Ethanol	46	1.886	1.886	0.000	98	7116	800.0	805.4	
13 Ethyl ether	59	1.955	1.954	0.001	94	49843	20.0	19.3	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	90	34071	20.0	14.5	
15 2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	98	60779	20.0	19.3	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	97	66079	20.0	18.7	
17 Acrolein	56	2.046	2.046	0.000	91	5956	40.0	31.8	
18 1,1-Dichloroethene	96	2.114	2.114	0.000	95	41927	20.0	17.9	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.126	0.000	93	52988	20.0	21.4	
20 Acetone	43	2.149	2.149	0.000	86	46725	100.0	71.5	
21 Iodomethane	142	2.217	2.217	0.000	100	75715	20.0	18.4	
22 Isopropyl alcohol	45	2.251	2.251	0.000	98	8673	200.0	91.5	
23 Carbon disulfide	76	2.263	2.263	0.000	100	162567	20.0	17.4	
24 Acetonitrile	40	2.343	2.343	0.000	99	44833	200.0	143.4	
25 3-Chloro-1-propene	76	2.366	2.365	0.001	85	30817	20.0	18.5	
26 Methyl acetate	43	2.388	2.388	0.000	100	24398	40.0	19.4	
27 Cyclopentene	67	2.434	2.434	0.000	97	147414	20.0	18.6	
28 Methylene Chloride	84	2.457	2.457	0.000	95	59833	20.0	19.4	
* 29 TBA-d9 (IS)	65	2.480	2.480	0.000	0	152906	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.548	2.548	0.000	99	39112	200.0	168.3	
31 Acrylonitrile	53	2.640	2.639	0.001	93	120015	200.0	158.1	
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	96	54028	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	97	182835	20.0	20.6	
34 Hexane	57	2.891	2.891	0.000	93	74302	20.0	20.1	
35 1,1-Dichloroethane	63	2.994	2.993	0.001	100	92593	20.0	18.7	
36 Vinyl acetate	86	3.039	3.039	0.000	100	22851	40.0	41.5	
37 Isopropyl ether	45	3.062	3.062	0.000	91	205771	20.0	20.3	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	93	50104	20.0	18.6	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	179475	20.0	18.0	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	241819	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	89	49162	20.0	18.2	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	84	17462	20.0	18.9	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	29374	100.0	95.6	
44 Propionitrile	54	3.542	3.541	0.001	95	45957	200.0	197.7	
45 Ethyl acetate	43	3.564	3.564	0.000	99	117594	40.0	37.9	
46 Methyl acrylate	55	3.587	3.587	0.000	99	52420	20.0	19.0	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	215248	200.0	193.3	
48 Chlorobromomethane	128	3.690	3.690	0.000	98	22954	20.0	19.8	
49 Tetrahydrofuran	42	3.747	3.747	0.000	97	23362	40.0	33.9	
50 Chloroform	83	3.770	3.770	0.000	97	87948	20.0	18.5	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	97318	50.0	50.6	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	80412	20.0	19.2	
53 Cyclohexane	84	3.998	3.998	0.000	95	76840	20.0	19.3	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	81040	20.0	19.6	
54 Carbon tetrachloride	117	4.101	4.101	0.000	79	66531	20.0	19.7	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	62801	500.0	479.4	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	138071	50.0	48.4	
58 Benzene	78	4.306	4.306	0.000	98	224000	20.0	17.8	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	97	74342	20.0	17.0	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	20204	20.0	17.5	
61 Isooctane	57	4.409	4.409	0.000	95	134885	20.0	19.9	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	97	166366	20.0	19.7	
* 63 Fluorobenzene	96	4.592	4.592	0.000	97	426130	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	94	62716	20.0	20.1	
65 n-Butanol	56	4.934	4.934	0.000	93	36349	500.0	410.5	
66 Trichloroethene	95	4.980	4.980	0.000	96	54543	20.0	18.1	
67 Ethyl acrylate	55	5.128	5.128	0.000	98	74314	20.0	18.8	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	82562	20.0	20.0	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	92	63758	20.0	19.0	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	26098	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	90	31339	20.0	18.4	
72 Methyl methacrylate	100	5.391	5.391	0.000	91	29500	40.0	38.1	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	15427	400.0	431.7	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	87746	20.0	19.2	
75 Dichlorobromomethane	83	5.540	5.539	0.001	99	67853	20.0	17.5	
76 2-Nitropropane	41	5.825	5.825	0.000	97	27578	40.0	25.7	
77 2-Chloroethyl vinyl ether	63	5.939	5.939	0.000	95	38015	20.0	17.9	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	101840	400.0	390.9	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	97	94706	20.0	17.8	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	294671	100.0	97.6	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	479938	50.0	50.2	
82 Toluene	91	6.521	6.521	0.000	92	253497	20.0	18.5	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	98	85395	20.0	16.8	
84 Ethyl methacrylate	69	7.001	7.001	0.000	92	73522	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	43789	20.0	17.6	
86 Tetrachloroethene	166	7.241	7.240	0.001	92	52555	20.0	17.7	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	93209	20.0	19.1	
88 2-Hexanone	43	7.446	7.446	0.000	98	202926	100.0	97.5	
89 Chlorodibromomethane	129	7.583	7.583	0.000	96	44745	20.0	16.7	
90 n-Butyl acetate	43	7.674	7.674	0.000	97	95620	20.0	18.2	
91 Ethylene Dibromide	107	7.720	7.720	0.000	98	51700	20.0	19.0	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	88	338839	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	94	157656	20.0	19.4	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.599	0.000	93	48413	20.0	18.3	
95 Ethylbenzene	106	8.668	8.668	0.000	99	84393	20.0	18.9	
96 m-Xylene & p-Xylene	106	8.850	8.862	-0.012	0	104714	20.0	19.8	
97 o-Xylene	106	9.456	9.455	0.001	94	102899	20.0	19.2	
98 Styrene	104	9.490	9.490	0.000	94	168866	20.0	19.1	
99 n-Butyl acrylate	73	9.513	9.512	0.001	97	43688	20.0	17.8	
100 Bromoform	173	9.718	9.718	0.000	92	24596	20.0	14.1	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	105766	20.0	17.1	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	237428	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	10.278	10.277	0.001	84	124745	50.0	47.8	
104 Bromobenzene	156	10.483	10.483	0.000	94	62904	20.0	19.4	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	71074	20.0	18.0	
106 1,2,3-Trichloropropane	75	10.597	10.608	-0.011	97	58422	20.0	18.7	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	83	22006	20.0	14.7	
108 N-Propylbenzene	91	10.746	10.745	0.001	99	284227	20.0	19.3	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	180019	20.0	18.7	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	222398	20.0	19.2	
111 4-Chlorotoluene	91	11.020	11.019	0.001	98	201766	20.0	18.9	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	92	177858	20.0	19.3	
113 Butyl Methacrylate	87	11.282	11.282	0.000	96	59210	20.0	17.3	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	163102	20.0	19.9	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	98	167433	20.0	19.0	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	225134	20.0	19.5	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	117301	20.0	19.8	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	171412	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	79	118808	20.0	19.7	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	98	182787	20.0	19.1	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	176625	20.0	19.7	
122 Benzyl chloride	126	12.059	12.058	0.001	98	23038	20.0	16.5	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	196949	20.0	20.0	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	94	113044	20.0	19.7	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	102175	20.0	18.9	
126 n-Butylbenzene	92	12.275	12.275	0.000	96	79855	20.0	18.2	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	186710	20.0	23.2	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	13603	20.0	18.3	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	97	71541	20.0	23.9	
130 1,2,4-Trichlorobenzene	180	13.371	13.371	0.000	94	70532	20.0	23.5	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	89	25190	20.0	19.9	
132 Naphthalene	128	13.520	13.520	0.000	99	211538	20.0	26.8	
133 1,2,3-Trichlorobenzene	180	13.680	13.668	0.012	94	64808	20.0	23.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 136 Xylenes, Total	100				0		40.0	39.1	
S 137 Total BTEX	1				0		100.0	94.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2025 12:10:44 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29339.d

Injection Date: 07-May-2025 00:09:30 Instrument ID: CVOAMS12 Operator ID:

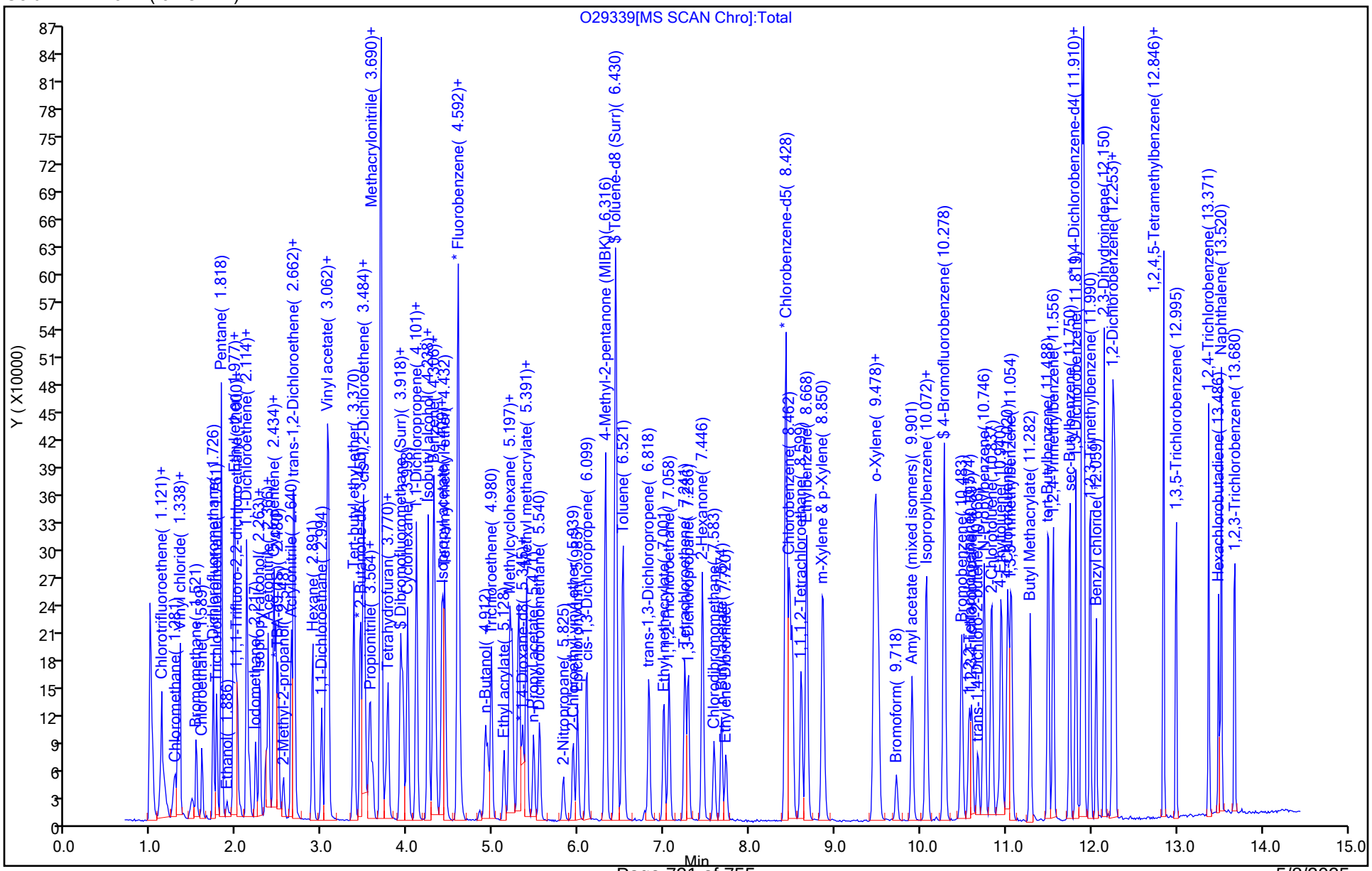
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\O29339.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 00:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250506-190442.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2025 12:09:28 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 07-May-2025 03:00:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	50.6	101.20
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	48.4	96.73
$ 81 Toluene-d8 (Surr)	50.0	50.2	100.46
$ 103 4-Bromofluorobenzene	50.0	47.8	95.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-325354-5 MS

Matrix: Water | Lab File ID: O29309.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 10:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.20	0.085
79-00-5	1,1,2-Trichloroethane	17.4		0.58	0.19
75-34-3	1,1-Dichloroethane	17.2		1.0	0.26
75-35-4	1,1-Dichloroethene	16.4		1.0	0.26
107-06-2	1,2-Dichloroethane	16.5		0.30	0.087
78-87-5	1,2-Dichloropropane	17.2		0.92	0.074
591-78-6	2-Hexanone	94.8		5.0	1.1
67-64-1	Acetone	69.1		5.0	4.4
71-43-2	Benzene	17.6		0.45	0.070
75-27-4	Bromodichloromethane	16.5		0.98	0.15
75-25-2	Bromoform	14.3		1.0	0.54
74-83-9	Bromomethane	18.2		1.0	0.55
75-15-0	Carbon disulfide	18.0		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	18.8		1.0	0.38
75-00-3	Chloroethane	19.1		1.0	0.32
67-66-3	Chloroform	17.6		1.0	0.33
74-87-3	Chloromethane	18.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.3		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	17.3		0.45	0.069
124-48-1	Dibromochloromethane	16.5		0.78	0.086
100-41-4	Ethylbenzene	18.4		1.0	0.30
78-93-3	Methyl Ethyl Ketone	93.9		5.0	3.9
108-10-1	methyl isobutyl ketone	96.2		5.0	1.3
75-09-2	Methylene Chloride	19.8		1.0	0.65
100-42-5	Styrene	18.1		1.0	0.42
127-18-4	Tetrachloroethene	22.2		0.40	0.28
108-88-3	Toluene	18.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.6		0.45	0.12
79-01-6	Trichloroethene	17.6		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-325354-5 MS

Matrix: Water | Lab File ID: O29309.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 10:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.6		1.0	0.40
1330-20-7	Xylenes, Total	36.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29309.d
Lims ID: 460-325354-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 06-May-2025 10:39:30 ALS Bottle#: 23 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-5 MS
Misc. Info.: 460-0190391-026
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 11:31:00

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	83	5576	20.0	13.9	
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	99	54854	20.0	16.6	
3	Chlorodifluoromethane	67	1.155	1.155	0.000	79	9766	20.0	16.7	
4	Chloromethane	50	1.270	1.270	0.000	98	77099	20.0	18.0	
5	Vinyl chloride	62	1.304	1.315	-0.011	98	61352	20.0	18.6	
6	Butadiene	54	1.338	1.338	0.000	98	50789	20.0	16.4	
7	Bromomethane	94	1.521	1.521	0.000	98	32527	20.0	18.2	
8	Chloroethane	64	1.589	1.589	0.000	99	43360	20.0	19.1	
9	Dichlorofluoromethane	67	1.726	1.726	0.000	99	109384	20.0	20.0	
10	Trichlorofluoromethane	101	1.761	1.761	0.001	99	72883	20.0	20.2	
11	Pentane	57	1.818	1.818	0.000	96	28253	40.0	38.0	
12	Ethanol	46	1.886	1.886	0.000	98	5524	800.0	751.8	
13	Ethyl ether	59	1.955	1.955	0.000	96	47153	20.0	19.5	
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	81	30648	20.0	13.9	
15	2-Methyl-1,3-butadiene	53	1.978	1.977	0.001	98	55095	20.0	18.6	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	95	55920	20.0	16.8	
17	Acrolein	56	2.046	2.046	0.000	89	5088	40.0	32.6	
18	1,1-Dichloroethene	96	2.115	2.114	0.001	96	36119	20.0	16.4	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.126	2.114	0.012	94	49011	20.0	21.1	
20	Acetone	43	2.149	2.149	0.000	86	39980	100.0	69.1	
21	Iodomethane	142	2.217	2.217	0.000	99	62797	20.0	16.3	
22	Isopropyl alcohol	45	2.252	2.251	0.001	97	7873	200.0	99.9	
23	Carbon disulfide	76	2.263	2.263	0.000	100	157037	20.0	18.0	
24	Acetonitrile	40	2.343	2.343	0.000	99	41900	200.0	161.3	
25	3-Chloro-1-propene	76	2.366	2.366	0.000	90	26786	20.0	17.2	
26	Methyl acetate	43	2.389	2.388	0.001	99	18205	40.0	15.5	
27	Cyclopentene	67	2.434	2.434	0.000	97	129027	20.0	17.3	
28	Methylene Chloride	84	2.457	2.457	0.000	96	57146	20.0	19.8	
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	127152	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	98	34000	200.0	176.0	
31	Acrylonitrile	53	2.640	2.640	0.000	92	110160	200.0	154.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.663	2.662	0.001	98	48211	20.0	17.7	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	174204	20.0	21.0	
34 Hexane	57	2.891	2.891	0.000	93	61264	20.0	17.7	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	99	79907	20.0	17.2	
36 Vinyl acetate	86	3.039	3.039	0.000	100	19185	40.0	39.3	
37 Isopropyl ether	45	3.062	3.062	0.000	92	179942	20.0	19.0	
38 2-Chloro-1,3-butadiene	88	3.074	3.073	0.001	93	45123	20.0	17.8	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	159529	20.0	17.1	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	214304	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.485	3.484	0.001	89	41429	20.0	16.3	
42 2,2-Dichloropropane	97	3.485	3.484	0.001	84	14227	20.0	16.4	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	100	25570	100.0	93.9	
44 Propionitrile	54	3.542	3.542	0.000	98	37170	200.0	192.3	
45 Ethyl acetate	43	3.564	3.564	0.000	99	100547	40.0	36.6	
46 Methyl acrylate	55	3.587	3.587	0.000	100	47361	20.0	18.3	
47 Methacrylonitrile	67	3.690	3.690	0.000	94	189034	200.0	181.0	
48 Chlorobromomethane	128	3.690	3.690	0.000	94	19985	20.0	18.4	
49 Tetrahydrofuran	42	3.747	3.747	0.000	85	18741	40.0	30.7	
50 Chloroform	83	3.770	3.770	0.000	96	78379	20.0	17.6	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	95	89131	50.0	49.4	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	98	72847	20.0	18.6	
53 Cyclohexane	84	3.998	3.998	0.000	95	68699	20.0	18.4	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	91	71153	20.0	18.3	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	57966	20.0	18.3	
56 Isobutyl alcohol	43	4.238	4.238	0.000	96	51180	500.0	469.9	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	123332	50.0	46.1	
58 Benzene	78	4.307	4.306	0.001	98	199432	20.0	17.6	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	67595	20.0	16.5	
60 Isopropyl acetate	61	4.398	4.398	0.000	96	18065	20.0	16.7	
61 Isooctane	57	4.409	4.409	0.000	95	113974	20.0	18.0	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	98	147197	20.0	18.6	
* 63 Fluorobenzene	96	4.592	4.592	0.000	99	399710	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	52391	20.0	17.9	
65 n-Butanol	56	4.934	4.934	0.000	95	31525	500.0	428.2	
66 Trichloroethene	95	4.980	4.980	0.000	96	49795	20.0	17.6	
67 Ethyl acrylate	55	5.129	5.129	0.001	98	66594	20.0	17.9	
68 Methylcyclohexane	83	5.197	5.197	0.000	96	72976	20.0	18.8	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	91	54262	20.0	17.2	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24686	1000.0	1000.0	
71 Dibromomethane	93	5.346	5.345	0.001	89	28578	20.0	17.9	
72 Methyl methacrylate	100	5.391	5.391	0.000	92	26119	40.0	35.9	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	13449	400.0	397.8	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	76984	20.0	18.0	
75 Dichlorobromomethane	83	5.540	5.540	0.000	98	59879	20.0	16.5	
76 2-Nitropropane	41	5.825	5.825	0.000	98	23802	40.0	23.7	
78 Epichlorohydrin	57	5.985	5.985	0.000	99	63026	400.0	273.0	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	83117	20.0	17.3	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	99	257326	100.0	96.2	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	436792	50.0	50.6	
82 Toluene	91	6.521	6.521	0.000	92	225331	20.0	18.2	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	97	75776	20.0	16.6	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	63809	20.0	16.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	93	39203	20.0	17.4	
86 Tetrachloroethene	166	7.241	7.241	0.000	91	59347	20.0	22.2	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	96	82969	20.0	18.9	
88 2-Hexanone	43	7.446	7.446	0.000	98	174783	100.0	94.8	
89 Chlorodibromomethane	129	7.583	7.583	0.000	96	39905	20.0	16.5	
90 n-Butyl acetate	43	7.675	7.674	0.001	97	79701	20.0	16.8	
91 Ethylene Dibromide	107	7.720	7.720	0.000	97	46077	20.0	18.7	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	89	305830	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	93	138397	20.0	18.8	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.611	-0.012	92	42593	20.0	17.8	
95 Ethylbenzene	106	8.668	8.668	0.000	99	74205	20.0	18.4	
96 m-Xylene & p-Xylene	106	8.850	8.850	0.000	0	90317	20.0	19.0	
97 o-Xylene	106	9.456	9.456	0.000	93	84623	20.0	17.5	
98 Styrene	104	9.478	9.490	-0.012	93	144910	20.0	18.1	
99 n-Butyl acrylate	73	9.513	9.513	0.000	97	39283	20.0	17.7	
100 Bromoform	173	9.718	9.718	0.000	92	22486	20.0	14.3	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	90	89894	20.0	16.6	
102 Isopropylbenzene	105	10.072	10.072	0.000	96	199302	20.0	18.1	
138 (-)-a-Pinene	93	10.084	10.095	-0.011	0	206		NC	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	82	109238	50.0	46.4	
104 Bromobenzene	156	10.483	10.483	0.000	93	51672	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	61414	20.0	17.8	
106 1,2,3-Trichloropropane	75	10.597	10.597	0.000	97	51283	20.0	18.7	
107 trans-1,4-Dichloro-2-butene	75	10.677	10.666	0.011	82	17860	20.0	13.7	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	247183	20.0	19.2	
109 2-Chlorotoluene	91	10.837	10.837	0.000	97	162164	20.0	19.3	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	191314	20.0	18.9	
111 4-Chlorotoluene	91	11.020	11.020	0.000	98	185676	20.0	19.9	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	91	155153	20.0	19.3	
113 Butyl Methacrylate	87	11.282	11.282	0.000	96	51854	20.0	17.3	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	140343	20.0	19.6	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	97	144601	20.0	18.8	
116 sec-Butylbenzene	105	11.750	11.750	0.000	98	192836	20.0	19.1	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	98073	20.0	18.9	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	98	149827	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	79	99125	20.0	18.8	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	97	153169	20.0	18.3	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	147694	20.0	18.9	
122 Benzyl chloride	126	12.059	12.059	0.000	98	16182	20.0	13.2	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	168526	20.0	19.6	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	93	95568	20.0	19.0	
125 p-Diethylbenzene	119	12.264	12.264	0.000	93	83230	20.0	17.6	
126 n-Butylbenzene	92	12.276	12.275	0.001	96	66920	20.0	17.4	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	96	155481	20.0	22.1	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	10130	20.0	15.6	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	48365	20.0	18.5	
130 1,2,4-Trichlorobenzene	180	13.372	13.372	0.000	95	49319	20.0	18.8	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	88	17098	20.0	15.5	
132 Naphthalene	128	13.520	13.520	0.000	99	159120	20.0	23.1	
133 1,2,3-Trichlorobenzene	180	13.668	13.680	-0.012	93	47586	20.0	19.8	
S 135 1,2-Dichloroethene, Total	100				0		40.0	34.0	
S 136 Xylenes, Total	100				0		40.0	36.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	90.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00639	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

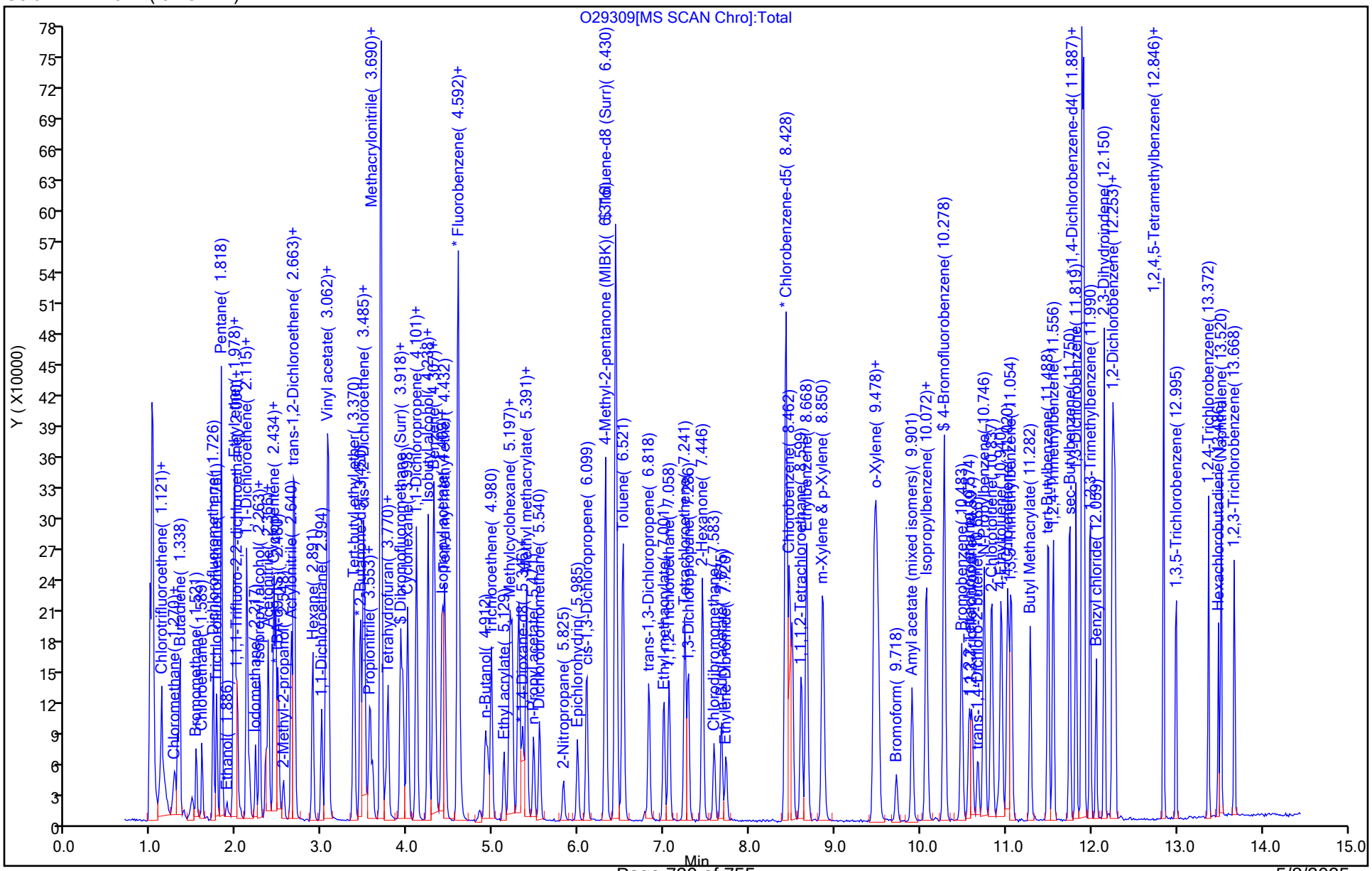
Report Date: 06-May-2025 11:31:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29309.d

Injection Date:	06-May-2025 10:39:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-5 MS			Worklist Smp#:	26
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29309.d
Lims ID: 460-325354-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 06-May-2025 10:39:30 ALS Bottle#: 23 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-5 MS
Misc. Info.: 460-0190391-026
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 11:31:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	49.4	98.81
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	46.1	92.12
$ 81 Toluene-d8 (Surr)	50.0	50.6	101.29
$ 103 4-Bromofluorobenzene	50.0	46.4	92.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-325354-5 MSD

Matrix: Water | Lab File ID: O29310.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 11:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.3		0.20	0.085
79-00-5	1,1,2-Trichloroethane	18.0		0.58	0.19
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	17.5		1.0	0.26
107-06-2	1,2-Dichloroethane	17.2		0.30	0.087
78-87-5	1,2-Dichloropropane	18.2		0.92	0.074
591-78-6	2-Hexanone	95.2		5.0	1.1
67-64-1	Acetone	70.5		5.0	4.4
71-43-2	Benzene	18.6		0.45	0.070
75-27-4	Bromodichloromethane	17.2		0.98	0.15
75-25-2	Bromoform	14.0		1.0	0.54
74-83-9	Bromomethane	21.1		1.0	0.55
75-15-0	Carbon disulfide	18.8		1.0	0.82
56-23-5	Carbon tetrachloride	19.3		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	19.4		1.0	0.32
67-66-3	Chloroform	18.4		1.0	0.33
74-87-3	Chloromethane	18.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.2		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	18.0		0.45	0.069
124-48-1	Dibromochloromethane	17.6		0.78	0.086
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	95.8		5.0	3.9
108-10-1	methyl isobutyl ketone	96.4		5.0	1.3
75-09-2	Methylene Chloride	19.0		1.0	0.65
100-42-5	Styrene	19.1		1.0	0.42
127-18-4	Tetrachloroethene	21.9		0.40	0.28
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	15.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.0		0.45	0.12
79-01-6	Trichloroethene	18.4		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325354-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-325354-5 MSD

Matrix: Water | Lab File ID: O29310.d

Analysis Method: 8260D | Date Collected: 04/30/2025 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2025 11:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1035770 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS12

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.6		1.0	0.40
1330-20-7	Xylenes, Total	38.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29310.d
Lims ID: 460-325354-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 06-May-2025 11:07:30 ALS Bottle#: 24 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-5 MSD
Misc. Info.: 460-0190391-027
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 11:30:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.098	1.098	0.000	84	6925	20.0	17.1	
2	Dichlorodifluoromethane	85	1.121	1.121	0.000	99	57062	20.0	16.9	
3	Chlorodifluoromethane	67	1.144	1.155	-0.011	97	10244	20.0	17.1	
4	Chloromethane	50	1.270	1.270	0.000	98	79698	20.0	18.3	
5	Vinyl chloride	62	1.304	1.315	-0.011	98	62770	20.0	18.6	
6	Butadiene	54	1.338	1.338	0.000	97	52631	20.0	16.6	
7	Bromomethane	94	1.521	1.521	0.000	99	38621	20.0	21.1	
8	Chloroethane	64	1.589	1.589	0.000	99	44989	20.0	19.4	
9	Dichlorofluoromethane	67	1.726	1.726	0.000	99	113464	20.0	20.3	
10	Trichlorofluoromethane	101	1.761	1.761	0.000	99	72403	20.0	19.7	
11	Pentane	57	1.818	1.818	0.000	96	29734	40.0	39.2	
12	Ethanol	46	1.886	1.886	0.000	98	6136	800.0	858.3	
13	Ethyl ether	59	1.955	1.955	0.000	95	47634	20.0	19.3	
14	1,2-Dichloro-1,1,2-trifluoroetha	117	1.966	1.966	0.000	94	37204	20.0	16.5	
15	2-Methyl-1,3-butadiene	53	1.977	1.977	0.000	99	58170	20.0	19.3	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	2.000	0.000	96	63795	20.0	18.8	
17	Acrolein	56	2.046	2.046	0.000	91	5457	40.0	36.0	
18	1,1-Dichloroethene	96	2.114	2.114	0.000	96	39348	20.0	17.5	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.114	2.114	0.000	95	52290	20.0	22.1	
20	Acetone	43	2.149	2.149	0.000	85	41190	100.0	70.5	
21	Iodomethane	142	2.217	2.217	0.000	100	71713	20.0	18.2	
22	Isopropyl alcohol	45	2.251	2.251	0.000	95	7676	200.0	100.1	
23	Carbon disulfide	76	2.263	2.263	0.000	100	167645	20.0	18.8	
24	Acetonitrile	40	2.343	2.343	0.000	99	40491	200.0	160.2	
25	3-Chloro-1-propene	76	2.366	2.366	0.000	88	27264	20.0	17.1	
26	Methyl acetate	43	2.388	2.388	0.000	99	20468	40.0	17.1	
27	Cyclopentene	67	2.434	2.434	0.000	97	136249	20.0	17.9	
28	Methylene Chloride	84	2.457	2.457	0.000	96	56055	20.0	19.0	
* 29	TBA-d9 (IS)	65	2.480	2.480	0.000	0	123720	1000.0	1000.0	
30	2-Methyl-2-propanol	59	2.548	2.548	0.000	97	33534	200.0	178.4	
31	Acrylonitrile	53	2.640	2.640	0.000	93	100924	200.0	138.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	98	43919	20.0	15.8	
33 Methyl tert-butyl ether	73	2.674	2.674	0.000	98	151770	20.0	17.9	
34 Hexane	57	2.891	2.891	0.000	95	64789	20.0	18.3	
35 1,1-Dichloroethane	63	2.994	2.994	0.000	100	85183	20.0	18.0	
36 Vinyl acetate	86	3.039	3.039	0.000	100	20411	40.0	41.4	
37 Isopropyl ether	45	3.062	3.062	0.000	91	185858	20.0	19.2	
38 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	95	44352	20.0	17.2	
39 Tert-butyl ethyl ether	59	3.370	3.370	0.000	90	167783	20.0	17.6	
* 40 2-Butanone-d5	46	3.450	3.450	0.000	0	216407	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.484	3.484	0.000	89	44474	20.0	17.2	
42 2,2-Dichloropropane	97	3.484	3.484	0.000	85	15545	20.0	17.5	
43 2-Butanone (MEK)	72	3.496	3.496	0.000	99	26318	100.0	95.8	
44 Propionitrile	54	3.542	3.542	0.000	98	38861	200.0	206.6	
45 Ethyl acetate	43	3.564	3.564	0.000	99	104048	40.0	37.5	
46 Methyl acrylate	55	3.587	3.587	0.000	99	48501	20.0	18.3	
47 Methacrylonitrile	67	3.690	3.690	0.000	95	193253	200.0	181.3	
48 Chlorobromomethane	128	3.690	3.690	0.000	96	19113	20.0	17.3	
49 Tetrahydrofuran	42	3.747	3.747	0.000	94	19544	40.0	31.7	
50 Chloroform	83	3.770	3.770	0.000	97	83675	20.0	18.4	
$ 51 Dibromofluoromethane (Surr)	113	3.918	3.918	0.000	94	91804	50.0	49.9	
52 1,1,1-Trichloroethane	97	3.941	3.941	0.000	97	76377	20.0	19.1	
53 Cyclohexane	84	3.998	3.998	0.000	95	71875	20.0	18.9	
55 1,1-Dichloropropene	75	4.101	4.101	0.000	92	76212	20.0	19.2	
54 Carbon tetrachloride	117	4.101	4.101	0.000	80	62321	20.0	19.3	
56 Isobutyl alcohol	43	4.238	4.238	0.000	95	52807	500.0	498.2	
$ 57 1,2-Dichloroethane-d4 (Surr)	65	4.238	4.238	0.000	0	130599	50.0	47.8	
58 Benzene	78	4.306	4.306	0.000	98	214353	20.0	18.6	
59 1,2-Dichloroethane	62	4.318	4.318	0.000	98	71819	20.0	17.2	
60 Isopropyl acetate	61	4.398	4.398	0.000	97	17976	20.0	16.3	
61 Isooctane	57	4.409	4.409	0.000	97	123225	20.0	19.0	
62 Tert-amyl methyl ether	73	4.432	4.432	0.000	94	150103	20.0	18.6	
* 63 Fluorobenzene	96	4.592	4.592	0.000	98	407937	50.0	50.0	
64 n-Heptane	43	4.603	4.603	0.000	93	55592	20.0	18.6	
65 n-Butanol	56	4.934	4.934	0.000	92	32795	500.0	457.8	
66 Trichloroethene	95	4.980	4.980	0.000	96	53036	20.0	18.4	
67 Ethyl acrylate	55	5.129	5.129	0.000	98	69240	20.0	18.3	
68 Methylcyclohexane	83	5.197	5.197	0.000	95	78794	20.0	19.9	
69 1,2-Dichloropropane	63	5.220	5.220	0.000	91	58377	20.0	18.2	
* 70 1,4-Dioxane-d8	96	5.334	5.334	0.000	0	24435	1000.0	1000.0	
71 Dibromomethane	93	5.345	5.345	0.000	93	28384	20.0	17.4	
72 Methyl methacrylate	100	5.391	5.391	0.000	91	27940	40.0	37.7	
73 1,4-Dioxane	88	5.391	5.391	0.000	32	13336	400.0	398.6	
74 n-Propyl acetate	43	5.471	5.471	0.000	99	74433	20.0	17.0	
75 Dichlorobromomethane	83	5.540	5.540	0.000	97	63596	20.0	17.2	
76 2-Nitropropane	41	5.825	5.825	0.000	99	24385	40.0	23.8	
78 Epichlorohydrin	57	5.985	5.985	0.000	100	61751	400.0	264.8	
79 cis-1,3-Dichloropropene	75	6.099	6.099	0.000	96	87849	20.0	18.0	
80 4-Methyl-2-pentanone (MIBK)	43	6.316	6.316	0.000	98	260434	100.0	96.4	
$ 81 Toluene-d8 (Surr)	98	6.430	6.430	0.000	98	453123	50.0	51.8	
82 Toluene	91	6.521	6.521	0.000	93	240877	20.0	19.2	
83 trans-1,3-Dichloropropene	75	6.818	6.818	0.000	98	78885	20.0	17.0	
84 Ethyl methacrylate	69	7.001	7.001	0.000	91	69143	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.058	7.058	0.000	94	41052	20.0	18.0	
86 Tetrachloroethene	166	7.241	7.241	0.000	88	59550	20.0	21.9	
87 1,3-Dichloropropane	76	7.286	7.286	0.000	95	87058	20.0	19.5	
88 2-Hexanone	43	7.446	7.446	0.000	99	177282	100.0	95.2	
89 Chlorodibromomethane	129	7.583	7.583	0.000	98	43276	20.0	17.6	
90 n-Butyl acetate	43	7.674	7.674	0.000	98	81292	20.0	16.9	
91 Ethylene Dibromide	107	7.720	7.720	0.000	99	46633	20.0	18.7	
* 92 Chlorobenzene-d5	117	8.428	8.428	0.000	92	310425	50.0	50.0	
93 Chlorobenzene	112	8.462	8.462	0.000	93	144943	20.0	19.4	
94 1,1,1,2-Tetrachloroethane	131	8.599	8.611	-0.012	92	44667	20.0	18.4	
95 Ethylbenzene	106	8.668	8.668	0.000	99	78352	20.0	19.2	
96 m-Xylene & p-Xylene	106	8.862	8.850	0.012	0	93194	20.0	19.3	
97 o-Xylene	106	9.456	9.456	0.000	93	92445	20.0	18.9	
98 Styrene	104	9.478	9.490	-0.012	93	154828	20.0	19.1	
99 n-Butyl acrylate	73	9.513	9.513	0.000	96	40679	20.0	18.1	
100 Bromoform	173	9.718	9.718	0.000	93	22339	20.0	14.0	
101 Amyl acetate (mixed isomers)	43	9.901	9.901	0.000	89	95283	20.0	15.7	
102 Isopropylbenzene	105	10.072	10.072	0.000	97	214893	20.0	19.2	
138 (-)-a-Pinene	93	10.049	10.095	-0.046	0	335		NC	
$ 103 4-Bromofluorobenzene	174	10.278	10.278	0.000	82	108312	50.0	45.3	
104 Bromobenzene	156	10.483	10.483	0.000	93	55036	20.0	17.3	
105 1,1,2,2-Tetrachloroethane	83	10.574	10.574	0.000	98	62710	20.0	16.3	
106 1,2,3-Trichloropropane	75	10.597	10.597	0.000	95	52729	20.0	17.2	
107 trans-1,4-Dichloro-2-butene	75	10.666	10.666	0.000	83	19290	20.0	13.2	
108 N-Propylbenzene	91	10.746	10.746	0.000	98	261312	20.0	18.1	
109 2-Chlorotoluene	91	10.837	10.837	0.000	98	167096	20.0	17.8	
110 4-Ethyltoluene	105	10.940	10.940	0.000	99	202561	20.0	17.9	
111 4-Chlorotoluene	91	11.020	11.020	0.000	99	188285	20.0	18.0	
112 1,3,5-Trimethylbenzene	105	11.065	11.065	0.000	91	160635	20.0	17.8	
113 Butyl Methacrylate	87	11.282	11.282	0.000	98	54666	20.0	16.3	
114 tert-Butylbenzene	119	11.499	11.499	0.000	94	152667	20.0	19.1	
115 1,2,4-Trimethylbenzene	105	11.556	11.556	0.000	97	160240	20.0	18.6	
116 sec-Butylbenzene	105	11.750	11.750	0.000	99	216768	20.0	19.1	
117 1,3-Dichlorobenzene	146	11.819	11.819	0.000	94	112224	20.0	19.3	
* 118 1,4-Dichlorobenzene-d4	152	11.887	11.887	0.000	97	167709	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.910	11.910	0.000	90	110308	20.0	18.7	
119 4-Isopropyltoluene	119	11.910	11.910	0.000	98	173204	20.0	18.5	
121 1,2,3-Trimethylbenzene	105	11.990	11.990	0.000	99	166215	20.0	19.0	
122 Benzyl chloride	126	12.059	12.059	0.000	98	18332	20.0	13.4	
123 2,3-Dihydroindene	117	12.150	12.150	0.000	94	198310	20.0	20.6	
124 1,2-Dichlorobenzene	146	12.241	12.241	0.000	94	113897	20.0	20.3	
125 p-Diethylbenzene	119	12.264	12.264	0.000	94	99553	20.0	18.8	
126 n-Butylbenzene	92	12.275	12.275	0.000	97	78852	20.0	18.4	
127 1,2,4,5-Tetramethylbenzene	119	12.846	12.846	0.000	97	179134	20.0	22.7	
128 1,2-Dibromo-3-Chloropropane	157	12.846	12.846	0.000	37	12457	20.0	17.1	
129 1,3,5-Trichlorobenzene	180	12.995	12.995	0.000	96	56354	20.0	19.3	
130 1,2,4-Trichlorobenzene	180	13.372	13.372	0.000	94	58607	20.0	20.0	
131 Hexachlorobutadiene	225	13.486	13.486	0.000	90	22334	20.0	18.0	
132 Naphthalene	128	13.520	13.520	0.000	99	187706	20.0	24.3	
133 1,2,3-Trichlorobenzene	180	13.680	13.680	0.000	95	58377	20.0	21.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	33.0	
S 136 Xylenes, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Total BTEX	1				0		100.0	95.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8260MIX1COMB_00204	Amount Added:	20.00	Units: uL	
GASES Li_00639	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

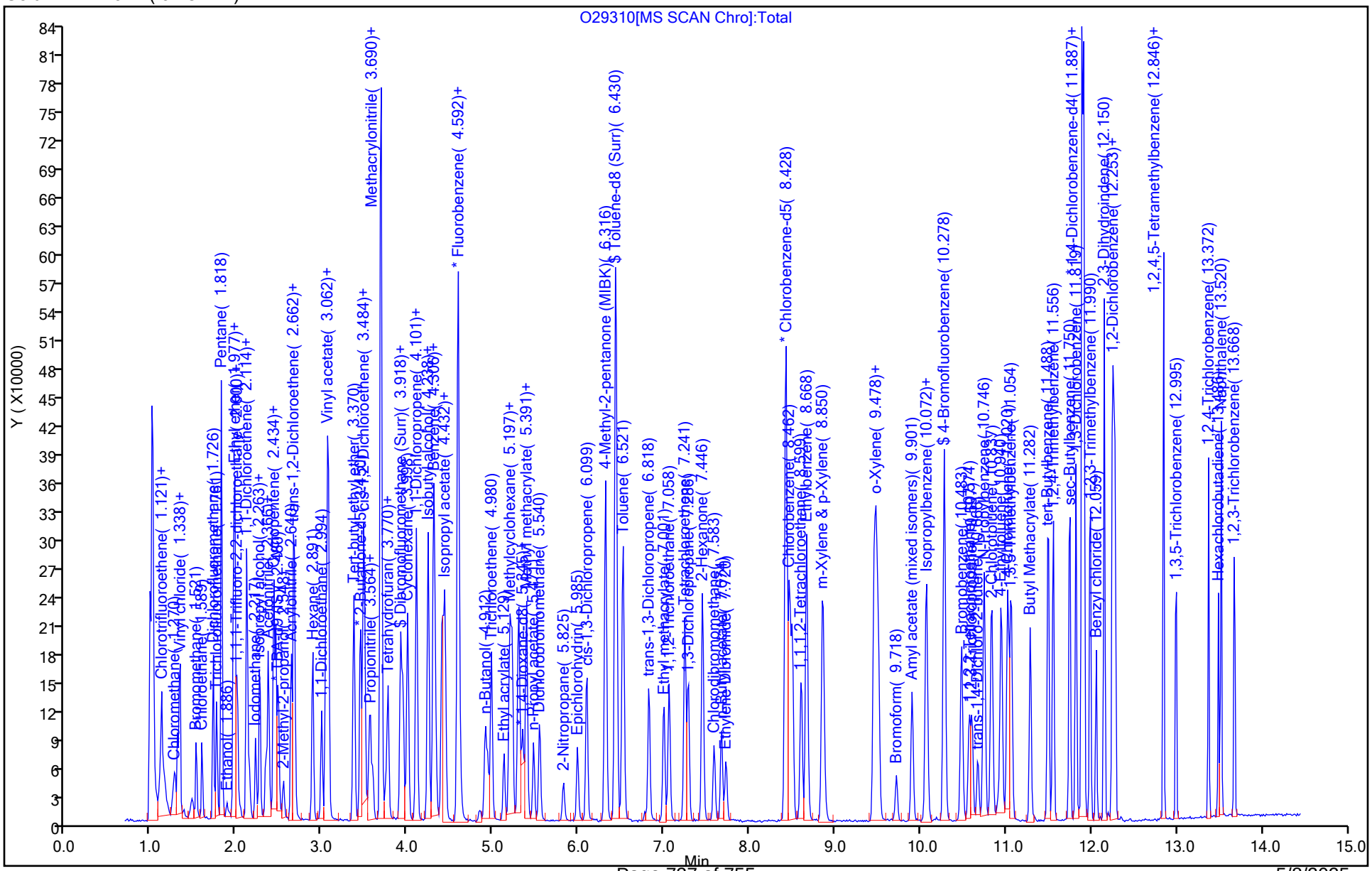
Report Date: 06-May-2025 11:30:41 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29310.d

Injection Date:	06-May-2025 11:07:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-325354-A-5 MSD			Worklist Smp#:	27
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



5/8/2025
8:59:30 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\O29310.d
Lims ID: 460-325354-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 06-May-2025 11:07:30 ALS Bottle#: 24 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325354-A-5 MSD
Misc. Info.: 460-0190391-027
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20250505-190391.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-May-2025 09:23:30 Calib Date: 19-Apr-2025 08:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20250419-189580.b\O28662.d

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: RD6L Date: 06-May-2025 11:30:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	49.9	99.72
$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.58
$ 81 Toluene-d8 (Surr)	50.0	51.8	103.52
$ 103 4-Bromofluorobenzene	50.0	45.3	90.60

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 04/19/2025 03:35

Analysis Batch Number: 1032506 End Date: 04/19/2025 12:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1032506/1		04/19/2025 03:35	1	O28652.d	DB-624 0.18(mm)
STD9 460-1032506/3 IC		04/19/2025 04:29	1	O28654.d	DB-624 0.18(mm)
STD8 460-1032506/4 IC		04/19/2025 04:57	1	O28655.d	DB-624 0.18(mm)
STD05 460-1032506/5 IC		04/19/2025 05:26	1	O28656.d	DB-624 0.18(mm)
STD1 460-1032506/6 IC		04/19/2025 05:54	1	O28657.d	DB-624 0.18(mm)
STD5 460-1032506/7 IC		04/19/2025 06:23	1	O28658.d	DB-624 0.18(mm)
STD20 460-1032506/8 ICIS		04/19/2025 06:51	1	O28659.d	DB-624 0.18(mm)
STD50 460-1032506/9 IC		04/19/2025 07:20	1	O28660.d	DB-624 0.18(mm)
STD200 460-1032506/10 IC		04/19/2025 07:48	1	O28661.d	DB-624 0.18(mm)
STD500 460-1032506/11 IC		04/19/2025 08:17	1	O28662.d	DB-624 0.18(mm)
ICV 460-1032506/19		04/19/2025 12:05	1	O28670.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/05/2025 23:29

Analysis Batch Number: 1035770 End Date: 05/06/2025 11:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1035770/2		05/05/2025 23:29	1	O29287.d	DB-624 0.18(mm)
LCS 460-1035770/3		05/06/2025 00:40	1	O29288.d	DB-624 0.18(mm)
ZZZZZ		05/06/2025 01:08	1		DB-624 0.18(mm)
MB 460-1035770/22		05/06/2025 03:02	1	O29293.d	DB-624 0.18(mm)
460-325354-14	Trip Blank	05/06/2025 03:30	1	O29294.d	DB-624 0.18(mm)
460-325354-13	FB0430	05/06/2025 03:59	1	O29295.d	DB-624 0.18(mm)
460-325354-1	A-15	05/06/2025 04:27	1	O29296.d	DB-624 0.18(mm)
460-325354-2	ME-8	05/06/2025 04:56	1	O29297.d	DB-624 0.18(mm)
460-325354-4	ME-113	05/06/2025 05:53	1	O29299.d	DB-624 0.18(mm)
460-325354-5	A-02	05/06/2025 06:22	1	O29300.d	DB-624 0.18(mm)
460-325354-7	A-07	05/06/2025 06:50	1	O29301.d	DB-624 0.18(mm)
460-325354-8	A-06	05/06/2025 07:19	1	O29302.d	DB-624 0.18(mm)
460-325354-9	A-066	05/06/2025 07:47	1	O29303.d	DB-624 0.18(mm)
460-325354-10	A-05	05/06/2025 08:16	1	O29304.d	DB-624 0.18(mm)
460-325354-11	A-09	05/06/2025 08:44	1	O29305.d	DB-624 0.18(mm)
460-325354-12	A-10	05/06/2025 09:13	1	O29306.d	DB-624 0.18(mm)
ZZZZZ		05/06/2025 09:42	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 10:10	1		DB-624 0.18(mm)
460-325354-5 MS	A-02 MS	05/06/2025 10:39	1	O29309.d	DB-624 0.18(mm)
460-325354-5 MSD	A-02 MSD	05/06/2025 11:07	1	O29310.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/06/2025 11:36

Analysis Batch Number: 1035827 End Date: 05/06/2025 21:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1035827/2		05/06/2025 11:36	1	O29312.d	DB-624 0.18(mm)
LCS 460-1035827/3		05/06/2025 12:04	1	O29313.d	DB-624 0.18(mm)
ZZZZZ (QC)		05/06/2025 12:04	50		DB-624 0.18(mm)
LCSD 460-1035827/4		05/06/2025 12:33	1	O29314.d	DB-624 0.18(mm)
ZZZZZ (QC)		05/06/2025 12:33	50		DB-624 0.18(mm)
MB 460-1035827/8		05/06/2025 14:28	1	O29318.d	DB-624 0.18(mm)
ZZZZZ (QC)		05/06/2025 14:28	50		DB-624 0.18(mm)
460-325354-3	ME-13	05/06/2025 14:56	1	O29319.d	DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 15:59	50		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 17:25	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 17:53	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 18:22	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 18:50	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 19:19	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 19:48	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 20:16	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 20:45	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 21:13	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/06/2025 21:42	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/06/2025 23:12

Analysis Batch Number: 1035985 End Date: 05/07/2025 11:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1035985/3		05/06/2025 23:12	1	O29337.d	DB-624 0.18(mm)
LCS 460-1035985/4		05/06/2025 23:40	1	O29338.d	DB-624 0.18(mm)
LCSD 460-1035985/5		05/07/2025 00:09	1	O29339.d	DB-624 0.18(mm)
MB 460-1035985/8		05/07/2025 01:35	1	O29342.d	DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 02:03	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 02:32	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 03:00	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 03:29	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 03:57	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 04:26	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 04:55	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 05:23	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 05:52	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 06:20	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 06:49	1		DB-624 0.18(mm)
460-325354-6	A-08	05/07/2025 08:43	1	O29357.d	DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 10:37	5		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 11:05	50		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1032506 Batch Start Date: 04/19/25 03:35 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00183	524FREONS 00033	7 Freons Hi 00026	7 Freons SS 00026
BFB 460-1032506/1		8260D			5 mL	5 mL				
STD9 460-1032506/3 IC		8260D			5 mL	5 mL				
STD8 460-1032506/4 IC		8260D			5 mL	5 mL				
STD05 460-1032506/5 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD1 460-1032506/6 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-1032506/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1032506/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1032506/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1032506/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1032506/11 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-1032506/19		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260ISNEW 00210	8260MIX1COMB 00203	8260SURR250 00254	ACROLEIN SP 00176	ACROLEIN W 00182
BFB 460-1032506/1		8260D								
STD9 460-1032506/3 IC		8260D				1 uL	2 uL	1 uL		
STD8 460-1032506/4 IC		8260D				1 uL		1 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1032506 Batch Start Date: 04/19/25 03:35 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260ISNEW 00210	8260MIX1COMB 00203	8260SURR250 00254	ACROLEIN SP 00176	ACROLEIN W 00182
STD05 460-1032506/5 IC		8260D				1 uL	5 uL	1 uL		2 uL
STD1 460-1032506/6 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD5 460-1032506/7 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1032506/8 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-1032506/9 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1032506/10 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1032506/11 IC		8260D				1 uL		1 uL		40 uL
ICV 460-1032506/19		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00136	BFB 00039	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637
BFB 460-1032506/1		8260D				1 uL				
STD9 460-1032506/3 IC		8260D								2 uL
STD8 460-1032506/4 IC		8260D			20 uL					2.5 uL
STD05 460-1032506/5 IC		8260D								5 uL
STD1 460-1032506/6 IC		8260D								10 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1032506 Batch Start Date: 04/19/25 03:35 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00136	BFB 00039	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637
STD5 460-1032506/7 IC		8260D								10 uL
STD20 460-1032506/8 ICIS		8260D								20 uL
STD50 460-1032506/9 IC		8260D								50 uL
STD200 460-1032506/10 IC		8260D					20 uL		20 uL	
STD500 460-1032506/11 IC		8260D					50 uL		50 uL	
ICV 460-1032506/19		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00160	MIX I Hi 00187				
BFB 460-1032506/1		8260D								
STD9 460-1032506/3 IC		8260D								
STD8 460-1032506/4 IC		8260D								
STD05 460-1032506/5 IC		8260D								
STD1 460-1032506/6 IC		8260D								
STD5 460-1032506/7 IC		8260D								
STD20 460-1032506/8 ICIS		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1032506 Batch Start Date: 04/19/25 03:35 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00160	MIX I Hi 00187				
STD50 460-1032506/9 IC		8260D								
STD200 460-1032506/10 IC		8260D			20 uL	20 uL				
STD500 460-1032506/11 IC		8260D			50 uL	50 uL				
ICV 460-1032506/19		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1035770 Batch Start Date: 05/05/25 23:29 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00033	8260ISNEW 00210	8260MIX1COMB 00204
CCVIS 460-1035770/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1035770/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
460-325354-A-14	Trip Blank	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-13	FB0430	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-1	A-15	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-2	ME-8	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-4	ME-113	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-5	A-02	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-7	A-07	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-8	A-06	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-9	A-066	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-10	A-05	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-11	A-09	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
460-325354-A-12	A-10	8260D	Water	T	5 mL	5 mL	<2 SU		1 uL	
MB 460-1035770/22		8260D			5 mL	5 mL			1 uL	
460-325354-A-5 MS	A-02	8260D	Water	T	5 mL	5 mL	<2 SU	20 uL	1 uL	20 uL
460-325354-A-5 MSD	A-02	8260D	Water	T	5 mL	5 mL	<2 SU	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00254	ACROLEIN W 00182	GASES Li 00639			
CCVIS 460-1035770/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1035770/3		8260D			1 uL	4 uL	20 uL			
460-325354-A-14	Trip Blank	8260D	Water	T	1 uL					
460-325354-A-13	FB0430	8260D	Water	T	1 uL					
460-325354-A-1	A-15	8260D	Water	T	1 uL					
460-325354-A-2	ME-8	8260D	Water	T	1 uL					
460-325354-A-4	ME-113	8260D	Water	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1035770 Batch Start Date: 05/05/25 23:29 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00254	ACROLEIN W 00182	GASES Li 00639			
460-325354-A-5	A-02	8260D	Water	T	1 uL					
460-325354-A-7	A-07	8260D	Water	T	1 uL					
460-325354-A-8	A-06	8260D	Water	T	1 uL					
460-325354-A-9	A-066	8260D	Water	T	1 uL					
460-325354-A-10	A-05	8260D	Water	T	1 uL					
460-325354-A-11	A-09	8260D	Water	T	1 uL					
460-325354-A-12	A-10	8260D	Water	T	1 uL					
MB 460-1035770/22		8260D			1 uL					
460-325354-A-5 MS	A-02	8260D	Water	T	1 uL	4 uL	20 uL			
460-325354-A-5 MSD	A-02	8260D	Water	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1035827 Batch Start Date: 05/06/25 11:36 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00033	8260ISNEW 00210	8260MIX1COMB 00204
CCVIS 460-1035827/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1035827/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-1035827/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1035827/8		8260D			5 mL	5 mL			1 uL	
460-325354-B-3	ME-13	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00254	ACROLEIN W 00182	GASES Li 00640			
CCVIS 460-1035827/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1035827/3		8260D			1 uL	4 uL	20 uL			
LCSD 460-1035827/4		8260D			1 uL	4 uL	20 uL			
MB 460-1035827/8		8260D			1 uL					
460-325354-B-3	ME-13	8260D	Water	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Batch Number: 1035985 Batch Start Date: 05/06/25 23:12 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00033	8260ISNEW 00210	8260MIX1COMB 00204
CCVIS 460-1035985/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1035985/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-1035985/5		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1035985/8		8260D			5 mL	5 mL			1 uL	
460-325354-B-6	A-08	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00254	ACROLEIN W 00182	GASES Li 00640			
CCVIS 460-1035985/3		8260D			1 uL	4 uL	20 uL			
LCS 460-1035985/4		8260D			1 uL	4 uL	20 uL			
LCSD 460-1035985/5		8260D			1 uL	4 uL	20 uL			
MB 460-1035985/8		8260D			1 uL					
460-325354-B-6	A-08	8260D	Water	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 761138

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Concemi	Site Contact: Jake Stumm	Date	COC No:
Company Name: FPM Group	Tel/Email: b.concemi@fpm-group.com	Lab Contact: Karen Smetanka	Carrier	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax	☐ 2 weeks			Lab Sampling:
Project Name 90-30 Metropolitan Ave GW Monitoring	☐ 1 week			Job / SDG No. 325354
Site 90-30 Metropolitan Avenue, Queens NY	☐ 2 days			
PO# 10669-19-07	☐ 1 day			

460-325354 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes.
A-15	4/30/25	10 20	—	GW	3	N	N	X	
ME-8		11 10							
ME-13		11 45							
MW-113		12 35							
A-02		13 20			9		Y		* MS/MSD *
A-08		14.05			3		N		
A-07		14 45							
A-06		15 20							
A-066		15 23							
A-05		16 05							
A-09		16.45							
A-10		17 10							

Preservation Used 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

* MS/MSD on A-02 *

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temp. (°C): Obs'd. _____ Corr'd: _____	Therm ID No. _____
Relinquished by	Company: FPM Group	Date/Time: 5/1/25 15:2	Received by	Company	Date/Time: 5/1/25 15:2
Relinquished by	Company	Date/Time:	Received by	Company: FET	Date/Time: 5-1-25 17:30
Relinquished by	Company: FET 5-1-25	Date/Time: 16:30	Received in Laboratory by	Company: GTG	Date/Time: 5/1/25 1930

NO/CB DE HG 3:3/3.7

5/8/2025 8:59:30 AM

Chain of Custody Record 761137

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Conicella	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b.conicella@fpmgroup.com	Lab Contact: Karen Sinclair	Carrier:	2 of 2 COCs
Address: 640 Johnson Avenue, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below: STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling: 725354
Project Name: 90-35 Metropolitan Ave GW Monitoring	☐ 1 week			Job / SDG No.
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
PO#: 10669-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes.
FB0430	4/30/25	1730	-	AQ	2	N	N	X	
Trip Blank	—	1745							

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Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

* MS/MSD on A-02 *

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____			
Relinquished by:	Company: FPM Group	Date/Time: 5/1/25 15:30	Received by:	Company: EET	Date/Time: 5/1/25 15:30
Relinquished by:	Company:	Date/Time:	Received by:	Company: EET	Date/Time: 5-1-25 17:30
Relinquished by:	Company: EET	Date/Time: 5-1-25 17:30	Received in Laboratory by:	Company: EET	Date/Time: 5/1/25 1930

8.59.0.20 KM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 325354

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.3 °C	3.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 5-1-25

5/8/2025
8:59:30 AM

Login Sample Receipt Checklist

Client: FPM Group Ltd

Job Number: 460-325354-1

Login Number: 325354
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Ltd
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 10/21/2025 12:14 PM

JOB DESCRIPTION

90-30 Metro Groundwater Sampling

JOB NUMBER

460-336983-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

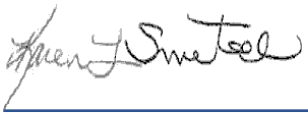
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
Karen L Smetanka, Project Manager I
karen.Smetanka@et.eurofinsus.com

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CASE NARRATIVE

Client: FPM Group Ltd

Project: 90-30 Metro Groundwater Sampling

Report Number: 460-336983-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 10/09/2025; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.5 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-336983-1), ME-8 (460-336983-2), ME-13 (460-336983-3), MW-113 (460-336983-4), A-02 (460-336983-5), A-06 (460-336983-6), A-066 (460-336983-7), A-08 (460-336983-8), A-07 (460-336983-9), A-05 (460-336983-10), A-09 (460-336983-11), A-10 (460-336983-12), FB1008 (460-336983-13) and Trip Blank (460-336983-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/20/2025.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336983-1	A-15	Water	10/08/25 08:45	10/09/25 19:30	New York
460-336983-2	ME-8	Water	10/08/25 09:40	10/09/25 19:30	New York
460-336983-3	ME-13	Water	10/08/25 10:00	10/09/25 19:30	New York
460-336983-4	MW-113	Water	10/08/25 10:35	10/09/25 19:30	New York
460-336983-5	A-02	Water	10/08/25 11:15	10/09/25 19:30	New York
460-336983-6	A-06	Water	10/08/25 11:55	10/09/25 19:30	New York
460-336983-7	A-066	Water	10/08/25 11:57	10/09/25 19:30	New York
460-336983-8	A-08	Water	10/08/25 12:20	10/09/25 19:30	New York
460-336983-9	A-07	Water	10/08/25 12:40	10/09/25 19:30	New York
460-336983-10	A-05	Water	10/08/25 12:58	10/09/25 19:30	New York
460-336983-11	A-09	Water	10/08/25 13:15	10/09/25 19:30	New York
460-336983-12	A-10	Water	10/08/25 13:35	10/09/25 19:30	New York
460-336983-13	FB1008	Water	10/08/25 14:00	10/09/25 19:30	New York
460-336983-14	Trip Blank	Water	10/08/25 14:30	10/09/25 19:30	New York

Detection Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Client Sample ID: A-15 — Lab Sample ID: 460-336983-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	17		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-336983-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-336983-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.48	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.1		0.40	0.28	ug/L	1		8260D	Total/NA
Toluene	0.60	J	1.0	0.38	ug/L	1		8260D	Total/NA
Vinyl chloride	35		1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 460-336983-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.5		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-336983-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.0		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-336983-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	79		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-336983-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.48	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	160		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-336983-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.72	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	310		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	1.1		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-336983-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	5.5		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-05 — Lab Sample ID: 460-336983-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	60		0.40	0.28	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Client Sample ID: A-09
Lab Sample ID: 460-336983-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	5.8		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: A-10
Lab Sample ID: 460-336983-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	21		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.94		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB1008
Lab Sample ID: 460-336983-13

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 460-336983-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: A-15
Lab Sample ID: 460-336983-1

Date Collected: 10/08/25 08:45
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 12:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 12:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 12:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 12:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 12:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 12:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 12:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 12:01	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 12:01	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 12:01	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 12:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 12:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 12:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 12:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 12:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 12:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 12:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 12:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 12:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 12:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 12:01	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 12:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 12:01	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 12:01	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 12:01	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 12:01	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 12:01	1
Tetrachloroethene	**17**		0.40	0.28	ug/L			10/20/25 12:01	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 12:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 12:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 12:01	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 12:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 12:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 12:01*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*10/20/25 12:01*	*1*
Dibromofluoromethane (Surr)	*113*		*77 - 132*		*10/20/25 12:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 12:01*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-336983-2

Date Collected: 10/08/25 09:40
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 12:25	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 12:25	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 12:25	1

Client Sample ID: ME-8
Lab Sample ID: 460-336983-2

Date Collected: 10/08/25 09:40
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 12:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 12:25	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 12:25	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 12:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 12:25	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 12:25	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 12:25	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 12:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 12:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 12:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 12:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 12:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 12:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 12:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 12:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 12:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 12:25	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 12:25	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 12:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 12:25	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 12:25	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 12:25	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 12:25	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 12:25	1
Tetrachloroethene	**11**		0.40	0.28	ug/L			10/20/25 12:25	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 12:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 12:25	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 12:25	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 12:25	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 12:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*10/20/25 12:25*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*10/20/25 12:25*	*1*
Dibromofluoromethane (Surr)	*117*		*77 - 132*		*10/20/25 12:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 12:25*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-336983-3

Date Collected: 10/08/25 10:00
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 12:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 12:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 12:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 12:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 12:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 12:49	1

Client Sample ID: ME-13
Lab Sample ID: 460-336983-3

Date Collected: 10/08/25 10:00
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 12:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 12:49	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 12:49	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 12:49	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 12:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 12:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 12:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 12:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 12:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 12:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 12:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 12:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 12:49	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.48	ug/L			10/20/25 12:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 12:49	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 12:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 12:49	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 12:49	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 12:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 12:49	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 12:49	1
Tetrachloroethene	**4.1**		0.40	0.28	ug/L			10/20/25 12:49	1
Toluene	**0.60**	**J**	1.0	0.38	ug/L			10/20/25 12:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 12:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 12:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 12:49	1
Vinyl chloride	**35**		1.0	0.40	ug/L			10/20/25 12:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 12:49*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*10/20/25 12:49*	*1*
Dibromofluoromethane (Surr)	*115*		*77 - 132*		*10/20/25 12:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 12:49*	*1*

Client Sample ID: MW-113
Lab Sample ID: 460-336983-4

Date Collected: 10/08/25 10:35
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 13:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 13:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 13:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 13:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 13:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 13:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 13:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 13:12	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 13:12	1

Client Sample ID: MW-113
Lab Sample ID: 460-336983-4

Date Collected: 10/08/25 10:35
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 13:12	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 13:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 13:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 13:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 13:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 13:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 13:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 13:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 13:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 13:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 13:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 13:12	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 13:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 13:12	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 13:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 13:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 13:12	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 13:12	1
Tetrachloroethene	**4.5**		0.40	0.28	ug/L			10/20/25 13:12	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 13:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 13:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 13:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 13:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 13:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*		*10/20/25 13:12*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*10/20/25 13:12*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 132*		*10/20/25 13:12*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 13:12*	*1*

Client Sample ID: A-02
Lab Sample ID: 460-336983-5

Date Collected: 10/08/25 11:15
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 09:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 09:16	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 09:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 09:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 09:16	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 09:16	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 09:16	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 09:16	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 09:16	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 09:16	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 09:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 09:16	1

Client Sample ID: A-02
Lab Sample ID: 460-336983-5

Date Collected: 10/08/25 11:15
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 09:16	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 09:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 09:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 09:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 09:16	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 09:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 09:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 09:16	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 09:16	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 09:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 09:16	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 09:16	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 09:16	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 09:16	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 09:16	1
Tetrachloroethene	**6.0**		0.40	0.28	ug/L			10/20/25 09:16	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 09:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 09:16	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 09:16	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 09:16	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 09:16	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*10/20/25 09:16*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/20/25 09:16*	*1*
Dibromofluoromethane (Surr)	*116*		*77 - 132*		*10/20/25 09:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 09:16*	*1*

Client Sample ID: A-06
Lab Sample ID: 460-336983-6

Date Collected: 10/08/25 11:55
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 13:36	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 13:36	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 13:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 13:36	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 13:36	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 13:36	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 13:36	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 13:36	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 13:36	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 13:36	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 13:36	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 13:36	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 13:36	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 13:36	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 13:36	1

Client Sample ID: A-06
Lab Sample ID: 460-336983-6

Date Collected: 10/08/25 11:55
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 13:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 13:36	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 13:36	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 13:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 13:36	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 13:36	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 13:36	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 13:36	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 13:36	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 13:36	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 13:36	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 13:36	1
Tetrachloroethene	**79**		0.40	0.28	ug/L			10/20/25 13:36	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 13:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 13:36	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 13:36	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 13:36	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 13:36	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 13:36*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*10/20/25 13:36*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 132*		*10/20/25 13:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/20/25 13:36*	*1*

Client Sample ID: A-066
Lab Sample ID: 460-336983-7

Date Collected: 10/08/25 11:57
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 13:59	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 13:59	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 13:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 13:59	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 13:59	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 13:59	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 13:59	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 13:59	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 13:59	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 13:59	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 13:59	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 13:59	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 13:59	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 13:59	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 13:59	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 13:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 13:59	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 13:59	1

Client Sample ID: A-066
Lab Sample ID: 460-336983-7

Date Collected: 10/08/25 11:57
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.48**	**J**	1.0	0.40	ug/L			10/20/25 13:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 13:59	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 13:59	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 13:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 13:59	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 13:59	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 13:59	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 13:59	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 13:59	1
Tetrachloroethene	**160**		0.40	0.28	ug/L			10/20/25 13:59	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 13:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 13:59	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 13:59	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 13:59	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 13:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*10/20/25 13:59*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/20/25 13:59*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 132*		*10/20/25 13:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/20/25 13:59*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-336983-8

Date Collected: 10/08/25 12:20
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 14:23	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 14:23	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 14:23	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 14:23	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 14:23	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 14:23	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 14:23	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 14:23	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 14:23	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 14:23	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 14:23	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 14:23	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 14:23	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 14:23	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 14:23	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 14:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 14:23	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 14:23	1
Chloromethane	**0.72**	**J**	1.0	0.40	ug/L			10/20/25 14:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 14:23	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 14:23	1

Client Sample ID: A-08
Lab Sample ID: 460-336983-8

Date Collected: 10/08/25 12:20
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 14:23	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 14:23	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 14:23	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 14:23	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 14:23	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 14:23	1
Tetrachloroethene	**310**		0.40	0.28	ug/L			10/20/25 14:23	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 14:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 14:23	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 14:23	1
Trichloroethene	**1.1**		0.28	0.074	ug/L			10/20/25 14:23	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 14:23	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*10/20/25 14:23*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*10/20/25 14:23*	*1*
Dibromofluoromethane (Surr)	*117*		*77 - 132*		*10/20/25 14:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 14:23*	*1*

Client Sample ID: A-07
Lab Sample ID: 460-336983-9

Date Collected: 10/08/25 12:40
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 14:47	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 14:47	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 14:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 14:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 14:47	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 14:47	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 14:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 14:47	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 14:47	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 14:47	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 14:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 14:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 14:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 14:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 14:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 14:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 14:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 14:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 14:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 14:47	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 14:47	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 14:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 14:47	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 14:47	1

Client Sample ID: A-07
Lab Sample ID: 460-336983-9
Date Collected: 10/08/25 12:40
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 14:47	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 14:47	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 14:47	1
Tetrachloroethene	**5.5**		0.40	0.28	ug/L			10/20/25 14:47	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 14:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 14:47	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 14:47	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 14:47	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 14:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*10/20/25 14:47*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*10/20/25 14:47*	*1*
Dibromofluoromethane (Surr)	*117*		*77 - 132*		*10/20/25 14:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/20/25 14:47*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-336983-10
Date Collected: 10/08/25 12:58
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 15:10	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 15:10	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 15:10	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 15:10	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 15:10	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 15:10	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 15:10	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 15:10	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 15:10	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 15:10	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 15:10	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 15:10	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 15:10	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 15:10	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 15:10	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 15:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 15:10	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 15:10	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 15:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 15:10	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 15:10	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 15:10	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 15:10	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 15:10	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 15:10	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 15:10	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 15:10	1

Client Sample ID: A-05
Lab Sample ID: 460-336983-10

Date Collected: 10/08/25 12:58
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**60**		0.40	0.28	ug/L			10/20/25 15:10	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 15:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 15:10	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 15:10	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 15:10	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 15:10	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*10/20/25 15:10*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*10/20/25 15:10*	*1*
Dibromofluoromethane (Surr)	*116*		*77 - 132*		*10/20/25 15:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/20/25 15:10*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-336983-11

Date Collected: 10/08/25 13:15
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 15:34	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 15:34	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 15:34	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 15:34	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 15:34	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 15:34	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 15:34	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 15:34	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 15:34	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 15:34	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 15:34	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 15:34	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 15:34	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 15:34	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 15:34	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 15:34	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 15:34	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 15:34	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 15:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 15:34	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 15:34	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 15:34	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 15:34	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 15:34	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 15:34	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 15:34	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 15:34	1
Tetrachloroethene	**5.8**		0.40	0.28	ug/L			10/20/25 15:34	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 15:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 15:34	1

Client Sample ID: A-09
Lab Sample ID: 460-336983-11

Date Collected: 10/08/25 13:15
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 15:34	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 15:34	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 15:34	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 15:34*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*10/20/25 15:34*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 132*		*10/20/25 15:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 15:34*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-336983-12

Date Collected: 10/08/25 13:35
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 15:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 15:57	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 15:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 15:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 15:57	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 15:57	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 15:57	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 15:57	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 15:57	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 15:57	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 15:57	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 15:57	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 15:57	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 15:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 15:57	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 15:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 15:57	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 15:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 15:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 15:57	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 15:57	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 15:57	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 15:57	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 15:57	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 15:57	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 15:57	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 15:57	1
Tetrachloroethene	**21**		0.40	0.28	ug/L			10/20/25 15:57	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 15:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 15:57	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 15:57	1
Trichloroethene	**0.94**		0.28	0.074	ug/L			10/20/25 15:57	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 15:57	1

Client Sample ID: A-10
Lab Sample ID: 460-336983-12

Date Collected: 10/08/25 13:35
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*10/20/25 15:57*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*10/20/25 15:57*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 132*		*10/20/25 15:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/20/25 15:57*	*1*

Client Sample ID: FB1008
Lab Sample ID: 460-336983-13

Date Collected: 10/08/25 14:00
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 07:41	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 07:41	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 07:41	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 07:41	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 07:41	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 07:41	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 07:41	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 07:41	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 07:41	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 07:41	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 07:41	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 07:41	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 07:41	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 07:41	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 07:41	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 07:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 07:41	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 07:41	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 07:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 07:41	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 07:41	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 07:41	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 07:41	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 07:41	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 07:41	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 07:41	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 07:41	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/20/25 07:41	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 07:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 07:41	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 07:41	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 07:41	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 07:41	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 07:41	1

Client Sample ID: FB1008
Lab Sample ID: 460-336983-13

Date Collected: 10/08/25 14:00
Matrix: Water
Date Received: 10/09/25 19:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 07:41*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*10/20/25 07:41*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 132*		*10/20/25 07:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/20/25 07:41*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-336983-14

Date Collected: 10/08/25 14:30
Matrix: Water
Date Received: 10/09/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 08:05	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 08:05	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 08:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 08:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 08:05	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 08:05	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 08:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 08:05	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 08:05	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 08:05	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 08:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 08:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 08:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 08:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 08:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 08:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 08:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 08:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 08:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 08:05	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 08:05	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 08:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 08:05	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 08:05	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 08:05	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 08:05	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 08:05	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/20/25 08:05	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 08:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 08:05	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 08:05	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 08:05	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 08:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*10/20/25 08:05*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*10/20/25 08:05*	*1*
Dibromofluoromethane (Surr)	*113*		*77 - 132*		*10/20/25 08:05*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/20/25 08:05*	*1*

Surrogate Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-336983-1	A-15	111	105	113	100
460-336983-2	ME-8	113	104	117	100
460-336983-3	ME-13	111	101	115	100
460-336983-4	MW-113	110	100	114	100
460-336983-5	A-02	112	103	116	100
460-336983-5 MS	A-02	110	105	116	101
460-336983-5 MSD	A-02	110	105	113	101
460-336983-6	A-06	111	100	112	99
460-336983-7	A-066	115	103	114	99
460-336983-8	A-08	115	104	117	100
460-336983-9	A-07	114	102	117	99
460-336983-10	A-05	114	102	116	99
460-336983-11	A-09	111	101	114	100
460-336983-12	A-10	114	101	114	98
460-336983-13	FB1008	111	102	110	100
460-336983-14	Trip Blank	109	100	113	98
LCS 460-1069418/4	Lab Control Sample	110	105	111	100
LCSD 460-1069418/5	Lab Control Sample Dup	112	103	111	100
MB 460-1069418/8	Method Blank	111	103	114	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1069418/8
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/20/25 07:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/20/25 07:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/20/25 07:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/20/25 07:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/20/25 07:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/20/25 07:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/20/25 07:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/20/25 07:18	1
Acetone	5.0	U	5.0	4.4	ug/L			10/20/25 07:18	1
Benzene	0.45	U	0.45	0.070	ug/L			10/20/25 07:18	1
Bromodichloromethane	0.98	U	0.98	0.15	ug/L			10/20/25 07:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/20/25 07:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/20/25 07:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/20/25 07:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/20/25 07:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/20/25 07:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/20/25 07:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/20/25 07:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/20/25 07:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/20/25 07:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/20/25 07:18	1
Dibromochloromethane	0.78	U	0.78	0.086	ug/L			10/20/25 07:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/20/25 07:18	1
Methyl Ethyl Ketone	5.0	U	5.0	3.9	ug/L			10/20/25 07:18	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/20/25 07:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/20/25 07:18	1
Styrene	1.0	U	1.0	0.42	ug/L			10/20/25 07:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/20/25 07:18	1
Toluene	1.0	U	1.0	0.38	ug/L			10/20/25 07:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/20/25 07:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/20/25 07:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/20/25 07:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/20/25 07:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/20/25 07:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*10/20/25 07:18*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*10/20/25 07:18*	*1*
Dibromofluoromethane (Surr)	*114*		*77 - 132*		*10/20/25 07:18*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/20/25 07:18*	*1*

Lab Sample ID: LCS 460-1069418/4
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	22.1		ug/L		110	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	22.4		ug/L		112	63 - 139		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1069418/4
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	74 - 125
1,1-Dichloroethane	20.0	22.8		ug/L		114	73 - 130
1,1-Dichloroethene	20.0	20.3		ug/L		101	68 - 133
1,2-Dichloroethane	20.0	23.9		ug/L		119	66 - 129
1,2-Dichloropropane	20.0	21.3		ug/L		106	72 - 128
2-Hexanone	100	99.6		ug/L		100	72 - 134
Acetone	100	94.0		ug/L		94	60 - 133
Benzene	20.0	19.9		ug/L		100	71 - 126
Bromodichloromethane	20.0	21.3		ug/L		106	76 - 121
Bromoform	20.0	19.7		ug/L		98	58 - 128
Bromomethane	20.0	14.9		ug/L		75	33 - 150
Carbon disulfide	20.0	21.9		ug/L		110	35 - 150
Carbon tetrachloride	20.0	21.7		ug/L		109	65 - 131
Chlorobenzene	20.0	20.5		ug/L		102	80 - 120
Chloroethane	20.0	18.2		ug/L		91	54 - 150
Chloroform	20.0	23.4		ug/L		117	78 - 125
Chloromethane	20.0	16.6		ug/L		83	43 - 149
cis-1,2-Dichloroethene	20.0	23.4		ug/L		117	78 - 121
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	74 - 125
Dibromochloromethane	20.0	20.0		ug/L		100	73 - 121
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120
Methyl Ethyl Ketone	100	104		ug/L		104	65 - 142
methyl isobutyl ketone	100	102		ug/L		102	77 - 130
Methylene Chloride	20.0	22.2		ug/L		111	74 - 127
Styrene	20.0	20.1		ug/L		100	82 - 127
Tetrachloroethene	20.0	21.4		ug/L		107	70 - 127
Toluene	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	20.0	22.5		ug/L		113	70 - 126
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	71 - 127
Trichloroethene	20.0	21.6		ug/L		108	73 - 121
Vinyl chloride	20.0	19.3		ug/L		96	55 - 144
Xylenes, Total	40.0	39.7		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*111*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-1069418/5
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.5		ug/L		107	72 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		104	63 - 139	7	30
1,1,2-Trichloroethane	20.0	19.5		ug/L		97	74 - 125	3	30
1,1-Dichloroethane	20.0	22.0		ug/L		110	73 - 130	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1069418/5
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	19.5		ug/L		98	68 - 133	4	30
1,2-Dichloroethane			20.0	22.6		ug/L		113	66 - 129	5	30
1,2-Dichloropropane			20.0	21.1		ug/L		106	72 - 128	1	30
2-Hexanone			100	91.0		ug/L		91	72 - 134	9	30
Acetone			100	88.9		ug/L		89	60 - 133	6	30
Benzene			20.0	19.5		ug/L		97	71 - 126	2	30
Bromodichloromethane			20.0	21.1		ug/L		105	76 - 121	1	30
Bromoform			20.0	18.0		ug/L		90	58 - 128	9	30
Bromomethane			20.0	16.0		ug/L		80	33 - 150	7	30
Carbon disulfide			20.0	20.5		ug/L		102	35 - 150	7	30
Carbon tetrachloride			20.0	20.1		ug/L		100	65 - 131	8	30
Chlorobenzene			20.0	20.1		ug/L		100	80 - 120	2	30
Chloroethane			20.0	17.0		ug/L		85	54 - 150	7	30
Chloroform			20.0	22.9		ug/L		115	78 - 125	2	30
Chloromethane			20.0	16.8		ug/L		84	43 - 149	1	30
cis-1,2-Dichloroethene			20.0	22.3		ug/L		112	78 - 121	5	30
cis-1,3-Dichloropropene			20.0	18.6		ug/L		93	74 - 125	2	30
Dibromochloromethane			20.0	18.8		ug/L		94	73 - 121	6	30
Ethylbenzene			20.0	20.0		ug/L		100	78 - 120	0	30
Methyl Ethyl Ketone			100	97.7		ug/L		98	65 - 142	6	30
methyl isobutyl ketone			100	98.9		ug/L		99	77 - 130	3	30
Methylene Chloride			20.0	21.0		ug/L		105	74 - 127	6	30
Styrene			20.0	19.7		ug/L		98	82 - 127	2	30
Tetrachloroethene			20.0	20.2		ug/L		101	70 - 127	6	30
Toluene			20.0	20.5		ug/L		103	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	21.9		ug/L		110	70 - 126	3	30
trans-1,3-Dichloropropene			20.0	17.8		ug/L		89	71 - 127	6	30
Trichloroethene			20.0	20.8		ug/L		104	73 - 121	3	30
Vinyl chloride			20.0	18.8		ug/L		94	55 - 144	2	30
Xylenes, Total			40.0	39.9		ug/L		100	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*111*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-336983-5 MS
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.9		ug/L		104	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.0		ug/L		100	63 - 139
1,1,2-Trichloroethane	0.58	U	20.0	18.7		ug/L		93	74 - 125
1,1-Dichloroethane	1.0	U	20.0	20.8		ug/L		104	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	68 - 133
1,2-Dichloroethane	0.30	U	20.0	20.6		ug/L		103	66 - 129

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-336983-5 MS
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.92	U	20.0	18.6		ug/L		93	72 - 128
2-Hexanone	5.0	U	100	87.7		ug/L		88	72 - 134
Acetone	5.0	U	100	80.2		ug/L		80	60 - 133
Benzene	0.45	U	20.0	18.5		ug/L		93	71 - 126
Bromodichloromethane	0.98	U	20.0	18.9		ug/L		94	76 - 121
Bromoform	1.0	U	20.0	17.1		ug/L		86	58 - 128
Bromomethane	1.0	U	20.0	15.5		ug/L		78	33 - 150
Carbon disulfide	1.0	U	20.0	19.5		ug/L		98	35 - 150
Carbon tetrachloride	1.0	U	20.0	20.3		ug/L		102	65 - 131
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
Chloroethane	1.0	U	20.0	18.7		ug/L		94	54 - 150
Chloroform	1.0	U	20.0	21.6		ug/L		108	78 - 125
Chloromethane	1.0	U	20.0	19.4		ug/L		97	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	21.6		ug/L		108	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	17.0		ug/L		85	74 - 125
Dibromochloromethane	0.78	U	20.0	18.3		ug/L		91	73 - 121
Ethylbenzene	1.0	U	20.0	19.0		ug/L		95	78 - 120
Methyl Ethyl Ketone	5.0	U	100	93.1		ug/L		93	65 - 142
methyl isobutyl ketone	5.0	U	100	93.9		ug/L		94	77 - 130
Methylene Chloride	1.0	U	20.0	19.2		ug/L		96	74 - 127
Styrene	1.0	U	20.0	18.6		ug/L		93	82 - 127
Tetrachloroethene	6.0		20.0	24.0		ug/L		90	70 - 127
Toluene	1.0	U	20.0	19.1		ug/L		95	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.4		ug/L		82	71 - 127
Trichloroethene	0.28	U	20.0	19.9		ug/L		100	73 - 121
Vinyl chloride	1.0	U	20.0	19.9		ug/L		99	55 - 144
Xylenes, Total	2.0	U	40.0	37.5		ug/L		94	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*116*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-336983-5 MSD
Matrix: Water
Analysis Batch: 1069418

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.9		ug/L		104	72 - 128	0	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	19.6		ug/L		98	63 - 139	2	30
1,1,2-Trichloroethane	0.58	U	20.0	18.3		ug/L		92	74 - 125	2	30
1,1-Dichloroethane	1.0	U	20.0	20.1		ug/L		101	73 - 130	3	30
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	68 - 133	3	30
1,2-Dichloroethane	0.30	U	20.0	20.9		ug/L		105	66 - 129	1	30
1,2-Dichloropropane	0.92	U	20.0	19.4		ug/L		97	72 - 128	4	30
2-Hexanone	5.0	U	100	89.3		ug/L		89	72 - 134	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-336983-5 MSD
Client Sample ID: A-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1069418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	5.0	U	100	86.7		ug/L		87	60 - 133	8	30
Benzene	0.45	U	20.0	18.1		ug/L		90	71 - 126	2	30
Bromodichloromethane	0.98	U	20.0	18.4		ug/L		92	76 - 121	3	30
Bromoform	1.0	U	20.0	16.5		ug/L		82	58 - 128	4	30
Bromomethane	1.0	U	20.0	15.2		ug/L		76	33 - 150	2	30
Carbon disulfide	1.0	U	20.0	19.5		ug/L		98	35 - 150	0	30
Carbon tetrachloride	1.0	U	20.0	19.7		ug/L		98	65 - 131	3	30
Chlorobenzene	1.0	U	20.0	18.7		ug/L		94	80 - 120	3	30
Chloroethane	1.0	U	20.0	18.2		ug/L		91	54 - 150	3	30
Chloroform	1.0	U	20.0	21.6		ug/L		108	78 - 125	0	30
Chloromethane	1.0	U	20.0	19.9		ug/L		99	43 - 149	2	30
cis-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	78 - 121	1	30
cis-1,3-Dichloropropene	0.45	U	20.0	16.7		ug/L		83	74 - 125	2	30
Dibromochloromethane	0.78	U	20.0	17.8		ug/L		89	73 - 121	2	30
Ethylbenzene	1.0	U	20.0	17.9		ug/L		90	78 - 120	6	30
Methyl Ethyl Ketone	5.0	U	100	96.5		ug/L		96	65 - 142	4	30
methyl isobutyl ketone	5.0	U	100	95.2		ug/L		95	77 - 130	1	30
Methylene Chloride	1.0	U	20.0	19.5		ug/L		97	74 - 127	2	30
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127	4	30
Tetrachloroethene	6.0		20.0	24.9		ug/L		95	70 - 127	4	30
Toluene	1.0	U	20.0	19.0		ug/L		95	78 - 120	0	30
trans-1,2-Dichloroethene	1.0	U	20.0	21.2		ug/L		106	70 - 126	1	30
trans-1,3-Dichloropropene	0.45	U	20.0	16.0		ug/L		80	71 - 127	2	30
Trichloroethene	0.28	U	20.0	19.3		ug/L		97	73 - 121	3	30
Vinyl chloride	1.0	U	20.0	20.4		ug/L		102	55 - 144	3	30
Xylenes, Total	2.0	U	40.0	36.1		ug/L		90	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*113*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

GC/MS VOA

Analysis Batch: 1069418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336983-1	A-15	Total/NA	Water	8260D	
460-336983-2	ME-8	Total/NA	Water	8260D	
460-336983-3	ME-13	Total/NA	Water	8260D	
460-336983-4	MW-113	Total/NA	Water	8260D	
460-336983-5	A-02	Total/NA	Water	8260D	
460-336983-6	A-06	Total/NA	Water	8260D	
460-336983-7	A-066	Total/NA	Water	8260D	
460-336983-8	A-08	Total/NA	Water	8260D	
460-336983-9	A-07	Total/NA	Water	8260D	
460-336983-10	A-05	Total/NA	Water	8260D	
460-336983-11	A-09	Total/NA	Water	8260D	
460-336983-12	A-10	Total/NA	Water	8260D	
460-336983-13	FB1008	Total/NA	Water	8260D	
460-336983-14	Trip Blank	Total/NA	Water	8260D	
MB 460-1069418/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1069418/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1069418/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-336983-5 MS	A-02	Total/NA	Water	8260D	
460-336983-5 MSD	A-02	Total/NA	Water	8260D	

Client Sample ID: A-15
Lab Sample ID: 460-336983-1
Date Collected: 10/08/25 08:45
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 12:01

Client Sample ID: ME-8
Lab Sample ID: 460-336983-2
Date Collected: 10/08/25 09:40
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 12:25

Client Sample ID: ME-13
Lab Sample ID: 460-336983-3
Date Collected: 10/08/25 10:00
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 12:49

Client Sample ID: MW-113
Lab Sample ID: 460-336983-4
Date Collected: 10/08/25 10:35
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 13:12

Client Sample ID: A-02
Lab Sample ID: 460-336983-5
Date Collected: 10/08/25 11:15
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 09:16

Client Sample ID: A-06
Lab Sample ID: 460-336983-6
Date Collected: 10/08/25 11:55
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 13:36

Client Sample ID: A-066
Lab Sample ID: 460-336983-7
Date Collected: 10/08/25 11:57
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 13:59

Client Sample ID: A-08
Lab Sample ID: 460-336983-8
Date Collected: 10/08/25 12:20
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 14:23

Client Sample ID: A-07
Lab Sample ID: 460-336983-9
Date Collected: 10/08/25 12:40
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 14:47

Client Sample ID: A-05
Lab Sample ID: 460-336983-10
Date Collected: 10/08/25 12:58
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 15:10

Client Sample ID: A-09
Lab Sample ID: 460-336983-11
Date Collected: 10/08/25 13:15
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 15:34

Client Sample ID: A-10
Lab Sample ID: 460-336983-12
Date Collected: 10/08/25 13:35
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 15:57

Client Sample ID: FB1008
Lab Sample ID: 460-336983-13
Date Collected: 10/08/25 14:00
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 07:41

Client Sample ID: Trip Blank
Lab Sample ID: 460-336983-14
Date Collected: 10/08/25 14:30
Matrix: Water
Date Received: 10/09/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1069418	KLB	EET EDI	10/20/25 08:05

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: FPM Group Ltd
Job ID: 460-336983-1
Project/Site: 90-30 Metro Groundwater Sampling

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00187	08/12/25	07/12/25	MeOH, Lot EJ660-US	2 mL	1,4-Dioxane P_00002	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00002	05/16/30	Absolute, Lot 051625			(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00038	09/02/25	08/02/25	MeOH, Lot EJ660-US	10 mL	7 Freons_00009	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00009	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00030	08/16/25	07/16/25	MeOH, Lot EJ660-US	5 mL	7 Freons_00009	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00009	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00196	08/12/25	07/12/25	MeOH, Lot EJ660-US	10 mL	KetonesC SS_00018	200 uL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix SS_00023	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00018	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix SS_00023	10/31/27		RESTEK, Lot A0224454		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00209	08/23/25	07/23/25	MeOH, Lot EJ660-US	50 mL	2-CEVEC_00033	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00016	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00027	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00033	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00107	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00033	04/30/28		RESTEK, Lot A0225121		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00016	09/24/25	06/17/25	MeOH, Lot EJ660-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00107	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00209	08/23/25	07/23/25	MeOH, Lot EJ660-US	50 mL	Mega Mix_00044	1 mL	1,2-Dichloroethene, Total	100 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,2-Dichloroethene, Total	5000 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00212	10/20/25	09/20/25	MeOH, Lot EJ980-US	50 mL	KetonesC_00033	1 mL	2-Hexanone	250 ug/mL
							Acetone	250 ug/mL
							Methyl Ethyl Ketone	250 ug/mL
							methyl isobutyl ketone	250 ug/mL
					Mega Mix_00044	1 mL	1,1,1-Trichloroethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260SURR250_00256	10/08/25	08/08/25	MeOH, Lot EJ660-US	50 mL	8260 SURR C_00070	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8260SURR250_00258	12/09/25	10/09/25	MeOH, Lot EJ660-US	50 mL	8260 SURR C_00070	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00186	08/16/25	07/16/25	MeOH, Lot EJ660-US	10 mL	ACROLEIN_00026	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00026	10/31/26		RESTEK, Lot A0224370		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00140	08/29/25	07/29/25	MeOH, Lot EJ660-US	10 mL	Acrylonitrile_00011	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00016	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00011	03/03/28		ABSOLUTE, Lot 030325		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00016	09/24/25	06/17/25	MeOH, Lot EJ660-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00104	08/16/25	07/16/25	MeOH, Lot EJ660-US	5 mL	ETHANOL(new)_00027	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00634	08/12/25	08/05/25	MeOH, Lot EJ660-US	10 mL	GASES SS_00029	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00029	04/30/28		RESTEK, Lot A0224834		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00501	08/16/25	08/02/25	MeOH, Lot EJ660-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00656	08/16/25	08/09/25	MeOH, Lot EJ660-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00666	10/26/25	10/19/25	MeOH, Lot EJ980-US	25 mL	GASES C_00043	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00164	08/16/25	07/16/25	MeOH, Lot EJ660-US	5 mL	2-CEVEC_00033	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00033	04/30/28		RESTEK, Lot A0225121		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00191	08/16/25	07/16/25	MeOH, Lot EJ660-US	5 mL	EPICH(working_00016	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00033	1 mL	2-Hexanone	2500 ug/mL
							Acetone	2500 ug/mL
							Methyl Ethyl Ketone	2500 ug/mL
							methyl isobutyl ketone	2500 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00106	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00016	09/24/25	06/17/25	MeOH, Lot EJ660-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Hexanone	12500 ug/mL
							Acetone	12500 ug/mL
							Methyl Ethyl Ketone	12500 ug/mL
							methyl isobutyl ketone	12500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00106	08/31/26	RESTEK, Lot A0222118			(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Reagent

1,4-Dioxane P_00002

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 051625
Description: 1,4-Dioxane

Solvent: Methanol **Lot#** EJ660-US

Expiration Date: 051630
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

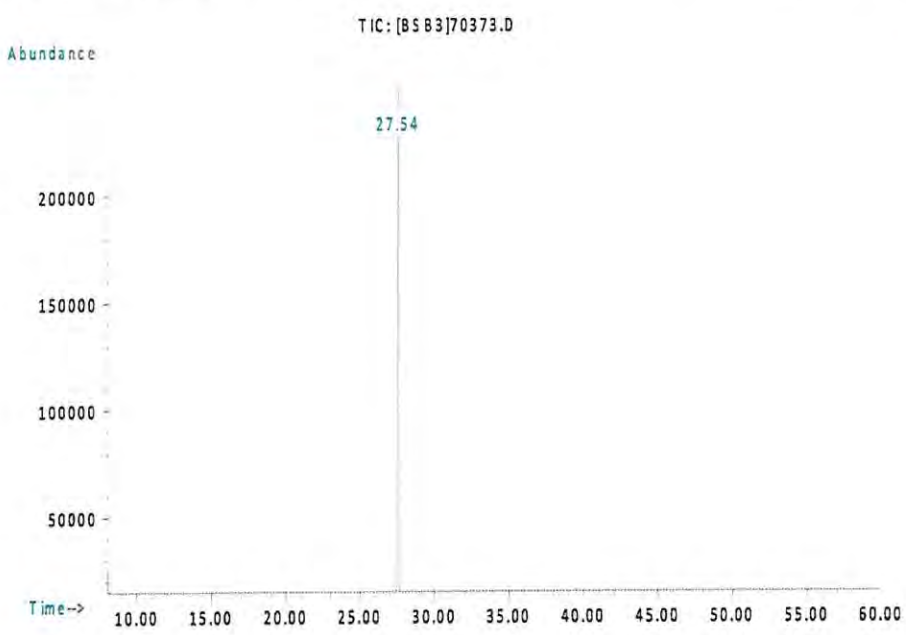
R2620 MS 5122125 #12601993

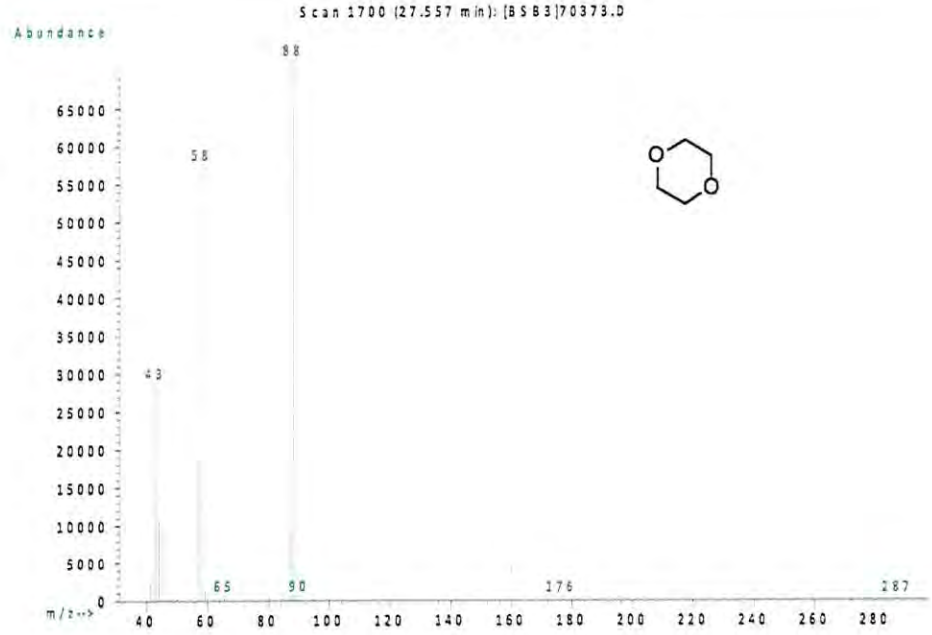
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0 0.002 Flask Uncertainty

	051625
Formulated By: Anthony Mahoney	DATE
	051625
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20221	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.). Temp. 2 = 200°C (8.75 min.). Rate = 4°C/min., Injector Temp.= 200°C. Detector Temp. = 220°C. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization wtih weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Reagent

2-CEVEC_00033

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MS 5/13/25 R2612 #12576975

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0225121

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,511.2 µg/mL	+/- 31.2523

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00009

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2608

MS 4/29/25 #12541873

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2. Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3. Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4. 1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5. 2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6. 1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7. 1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00070

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CERTIFIED REFERENCE MATERIAL

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R2609

MS 4130125 #12545026

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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R2592

MS 2/7/25 #12340821

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Reagent

ACROLEIN_00026

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Certificate of Analysis

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R2624
MS 5/28/25 # 12615014

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0224370

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD250328ECS	99%	19,751.5 µg/mL	+/- 580.2590

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00011

Absolute Standards, Inc.
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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 030325
Description: Acrylonitrile

Solvent: Methanol **Lot#** EJ143-USQ10

Expiration Date: 030328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

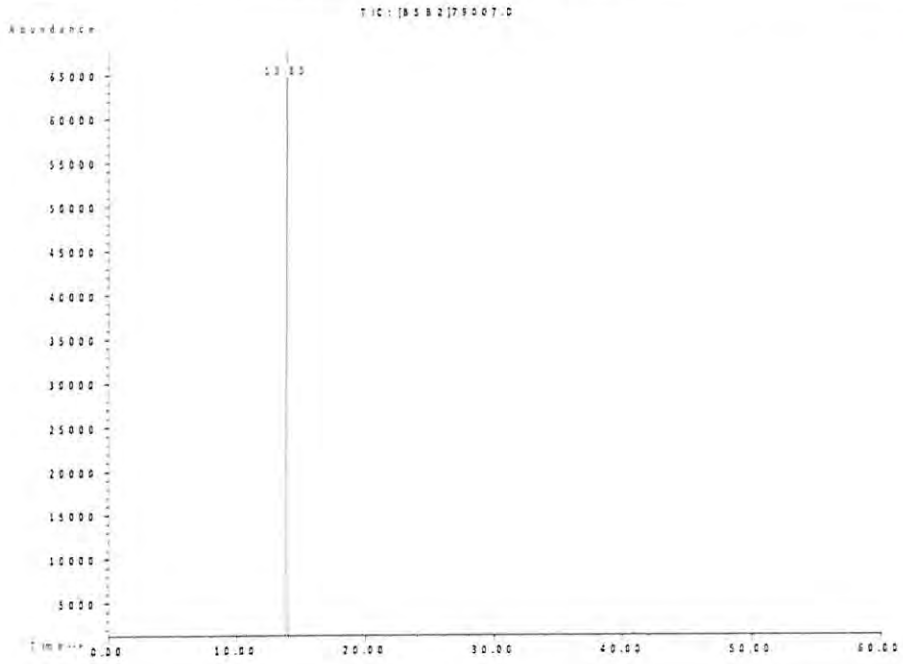
MS 3/5/25 R2596 # 12392448

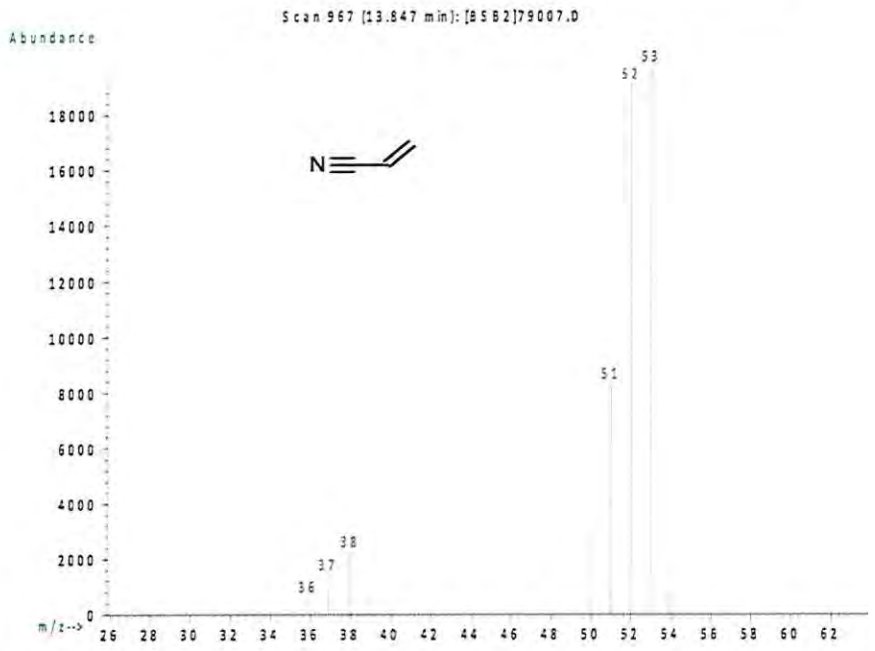
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	030325 DATE
Reviewed By:	Pedro L. Rentas	030325 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05070	1003.3	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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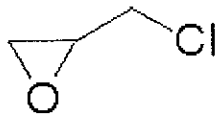
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 ° C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 665

Reagent

Extra Cmpd_00026

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Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

MS 5/9/25

R2611
#12568561

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan	010825 DATE
Reviewed By: Pedro L. Rentas	010825 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7.	Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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MS 2/5/25 # 123353714

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 665

Reagent

GASES C_00043

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R2646

MS 8/6/25

12814031

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0224758

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,520.0 µg/mL	+/- 142.0951
2	Chloromethane (methyl chloride)	74-87-3	1525538	99%	2,518.7 µg/mL	+/- 142.0257
3	Vinyl chloride	75-01-4	00015559	97%	2,516.6 µg/mL	+/- 141.7000
4	1,3-Butadiene	106-99-0	00019375	99%	2,522.5 µg/mL	+/- 141.9454
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,525.5 µg/mL	+/- 143.1018
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.5 µg/mL	+/- 142.2718
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.9 µg/mL	+/- 141.8357
8	Trichlorofluoromethane (CFC-11)	75-69-4	29320	99%	2,526.6 µg/mL	+/- 143.4191

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00029

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0224834

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	29307	99%	2,517.1 µg/mL	+/- 141.9477
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,519.6 µg/mL	+/- 141.6195
3	Vinyl chloride	75-01-4 *	00015559	97%	2,519.3 µg/mL	+/- 141.5426
4	1,3-Butadiene	106-99-0.SEC	29306	99%	2,518.6 µg/mL	+/- 141.4952
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,531.5 µg/mL	+/- 142.1432
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.1 µg/mL	+/- 140.4825
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00019903	99%	2,522.3 µg/mL	+/- 141.4203

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

KetonesC SS_00018

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MS 2/5/25 R2589 # 12335375

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

KetonesC_00033

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0222253

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 29, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBR9592	99%	12,583.7 µg/mL	+/- 434.9207
2	2-Butanone (MEK)	78-93-3	SHBQ9020	99%	12,607.3 µg/mL	+/- 435.7387
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBR0467	99%	12,562.7 µg/mL	+/- 434.1949
4	2-Hexanone	591-78-6	MKCV1997	99%	12,622.7 µg/mL	+/- 436.2687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00026

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0221376

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBS0800	99%	25,216.5 µg/mL	+/- 412.3381
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S241007RSR	99%	2,520.0 µg/mL	+/- 41.2189
3	Methacrylonitrile	126-98-7	1012014	99%	25,138.0 µg/mL	+/- 411.0545
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBR4221	99%	2,522.5 µg/mL	+/- 41.2598
5	1-Butanol	71-36-3	101601K21K	99%	62,777.0 µg/mL	+/- 1,026.5175
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,028.0 µg/mL	+/- 82.2174
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,523.5 µg/mL	+/- 41.2761
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,506.4 µg/mL	+/- 40.9956
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,518.0 µg/mL	+/- 41.1862
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,508.0 µg/mL	+/- 41.0226

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00028

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Certificate of Analysis

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R2618
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0222232

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR8669	99%	5,027.0 µg/mL	+/- 173.7448
2	Ethyl acrylate	140-88-5	MKCQ6014	99%	2,520.5 µg/mL	+/- 87.1200
3	Methyl methacrylate	80-62-6	995248V16F	99%	5,018.5 µg/mL	+/- 173.4510
4	Butyl acetate	123-86-4	SHBR2024	99%	2,518.0 µg/mL	+/- 87.0336

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00023

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MS 6/11/25 # 12657211

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0224454

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	101608R02R	99%	2,518.3 µg/mL	+/- 87.0220
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,518.7 µg/mL	+/- 87.0335
3	1,1-Dichloroethene	75-35-4.SEC	16011600	99%	2,520.0 µg/mL	+/- 87.0795
4	tert-Butanol (TBA)	75-65-0.SEC	X8R3L	99%	25,167.3 µg/mL	+/- 869.6654
5	Methyl acetate	79-20-9.SEC	LV27M	99%	5,038.3 µg/mL	+/- 174.1015
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,520.2 µg/mL	+/- 87.0853
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD241210S	99%	2,520.8 µg/mL	+/- 87.1083
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,519.7 µg/mL	+/- 87.0680
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,520.0 µg/mL	+/- 87.0795
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,154.8 µg/mL	+/- 869.2334
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,516.8 µg/mL	+/- 86.9701
12	cis-1,2-Dichloroethene	156-59-2.SEC	HGC01-BLKT	99%	2,520.0 µg/mL	+/- 87.0795
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,522.7 µg/mL	+/- 87.1717
14	1,1-Dichlorocthane	75-34-3.SEC	1026.30-3	98%	2,517.3 µg/mL	+/- 86.9860
15	2,2-Dichloropropane	594-20-7.SEC	SDGUL	98%	2,519.6 µg/mL	+/- 87.0650
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,516.7 µg/mL	+/- 86.9644

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC YNG3K	99%	62,866.7	µg/mL	+/- 2,172.3781
18	Chloroform	67-66-3.SEC 2406697	99%	2,518.8	µg/mL	+/- 87.0392
19	Bromochloromethane	74-97-5 * S241017RSR	99%	2,517.3	µg/mL	+/- 86.9874
20	Tetrahydrofuran	109-99-9.SEC M5OKN	99%	5,035.8	µg/mL	+/- 174.0151
21	1,1,1-trichloroethane	71-55-6 * S241211RSR	99%	2,517.8	µg/mL	+/- 87.0047
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,516.7	µg/mL	+/- 86.9644
23	1,1-Dichloropropene	563-58-6.SEC 1043300	99%	2,516.2	µg/mL	+/- 86.9471
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.0	µg/mL	+/- 87.0795
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.0	µg/mL	+/- 86.9413
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,516.2	µg/mL	+/- 86.9471
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.7	µg/mL	+/- 87.0335
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,520.0	µg/mL	+/- 87.0795
29	Methylcyclohexane	108-87-2.SEC 24MSD-CD	99%	2,519.5	µg/mL	+/- 87.0623
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,520.0	µg/mL	+/- 87.0795
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,325.2	µg/mL	+/- 1,739.0025
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,521.5	µg/mL	+/- 87.1314
33	cis-1,3-Dichloropropene	10061-01-5.SEC 187458	98%	2,517.0	µg/mL	+/- 86.9747
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,518.3	µg/mL	+/- 87.0220
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,517.7	µg/mL	+/- 86.9989
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	96%	2,511.7	µg/mL	+/- 86.7920
37	1,1,2-Trichloroethane	79-00-5.SEC 13547100	99%	2,516.5	µg/mL	+/- 86.9586
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,516.2	µg/mL	+/- 86.9471
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,515.0	µg/mL	+/- 86.9068
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,514.5	µg/mL	+/- 86.8895
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,517.2	µg/mL	+/- 86.9816
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,516.2	µg/mL	+/- 86.9471
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,258.7	µg/mL	+/- 43.4965
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,257.0	µg/mL	+/- 43.4390
45	Ethylbenzene	100-41-4.SEC XO5UA	99%	2,517.8	µg/mL	+/- 87.0047
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 9366000	99%	2,516.7	µg/mL	+/- 86.9644
47	o-Xylene	95-47-6.SEC FGL01	99%	2,517.0	µg/mL	+/- 86.9759
48	Styrene	100-42-5.SEC OFIOL-IA	99%	2,514.2	µg/mL	+/- 86.8780
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,516.0	µg/mL	+/- 86.9413
50	Bromoform	75-25-2.SEC 15425500	99%	2,510.3	µg/mL	+/- 86.7455
51	Bromodichloromethane	75-27-4.SEC 29264	98%	2,511.1	µg/mL	+/- 86.7715
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCB0724	99%	2,513.0	µg/mL	+/- 86.8377

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53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,515.8	µg/mL	+/- 86.9356
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD250430S	97%	2,514.6	µg/mL	+/- 86.8917
55	n-Propylbenzene	103-65-1.SEC T2HFC	99%	2,515.2	µg/mL	+/- 86.9125
56	Bromobenzene	108-86-1.SEC 8DKWJ	99%	2,517.0	µg/mL	+/- 86.9759
57	1,3,5-Trimethylbenzene	108-67-8.SEC TOOOF	99%	2,517.8	µg/mL	+/- 87.0047
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,517.0	µg/mL	+/- 86.9759
59	4-Chlorotoluene	106-43-4.SEC P4XHJ-AO	99%	2,515.0	µg/mL	+/- 86.9068
60	tert-Butylbenzene	98-06-6.SEC OGN01	99%	2,515.7	µg/mL	+/- 86.9298
61	1,2,4-Trimethylbenzene	95-63-6.SEC JMIYD	99%	2,512.2	µg/mL	+/- 86.8089
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,518.3	µg/mL	+/- 87.0220
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,515.7	µg/mL	+/- 86.9296
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,519.7	µg/mL	+/- 87.0680
66	n-Butylbenzene	104-51-8.SEC SRMJD	99%	2,515.5	µg/mL	+/- 86.9240
67	1,2-Dichlorobenzene	95-50-1.SEC SIN2G	99%	2,513.7	µg/mL	+/- 86.8607
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,519.5	µg/mL	+/- 87.0623
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,516.0	µg/mL	+/- 86.9413
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,514.9	µg/mL	+/- 86.9029
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,516.5	µg/mL	+/- 86.9586
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	98%	2,516.5	µg/mL	+/- 86.9578

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

Mega Mix_00044

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-hutyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00032

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

MS 5/13/25

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2616 #12577046

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0222453

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,084.7 µg/mL	+/- 410.1824
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,510.0 µg/mL	+/- 41.0553
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCW6467	99%	2,510.7 µg/mL	+/- 41.0662
4	Propionitrile	107-12-0	BCCL0691	99%	25,085.3 µg/mL	+/- 410.1933
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,062.0 µg/mL	+/- 409.8118
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,500.7 µg/mL	+/- 40.9027

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00106

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 2/20/25 R2593 # 12363825

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

Vinyl Acetate_00107

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2633

MS 6/19/25 #12688973

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

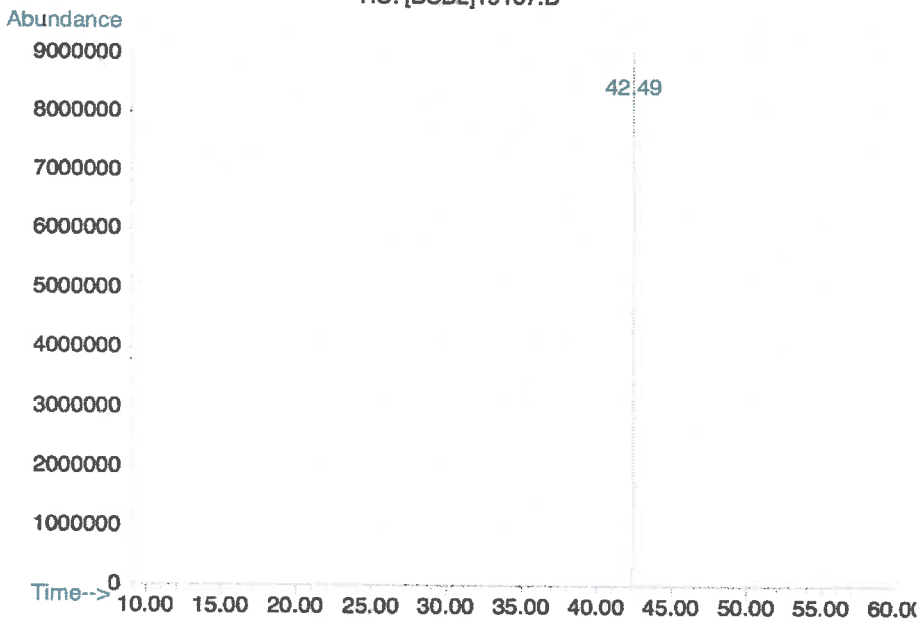
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

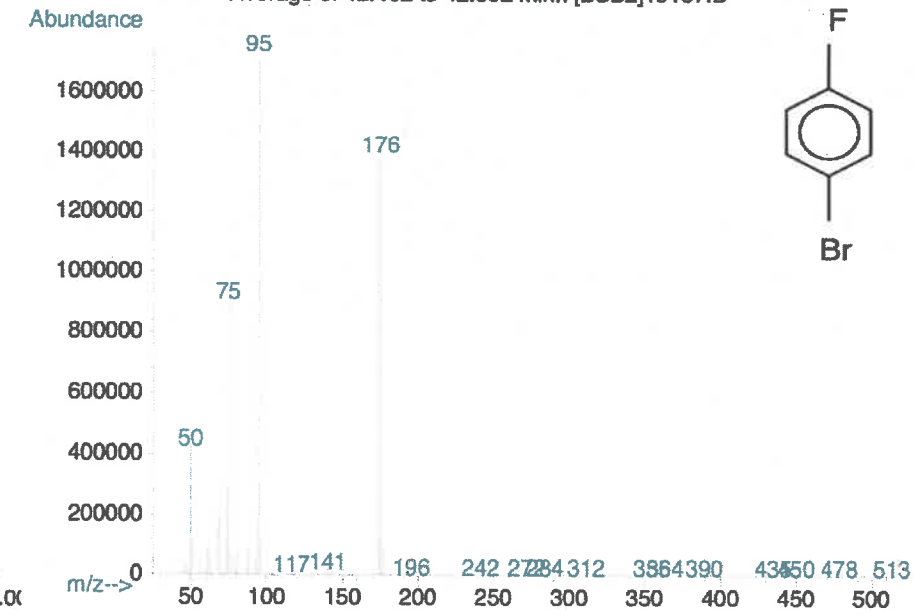
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-336983-1	113	111	100	105
ME-8	460-336983-2	117	113	100	104
ME-13	460-336983-3	115	111	100	101
MW-113	460-336983-4	114	110	100	100
A-02	460-336983-5	116	112	100	103
A-06	460-336983-6	112	111	99	100
A-066	460-336983-7	114	115	99	103
A-08	460-336983-8	117	115	100	104
A-07	460-336983-9	117	114	99	102
A-05	460-336983-10	116	114	99	102
A-09	460-336983-11	114	111	100	101
A-10	460-336983-12	114	114	98	101
FB1008	460-336983-13	110	111	100	102
Trip Blank	460-336983-14	113	109	98	100
	MB 460-1069418/8	114	111	101	103
	LCS 460-1069418/4	111	110	100	105
	LCSD 460-1069418/5	111	112	100	103
A-02 MS	460-336983-5 MS	116	110	101	105
A-02 MSD	460-336983-5 MSD	113	110	101	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K74090.D

Lab ID: LCS 460-1069418/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.1	110	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	63-139	
1,1,2-Trichloroethane	20.0	20.1	100	74-125	
1,1-Dichloroethane	20.0	22.8	114	73-130	
1,1-Dichloroethene	20.0	20.3	101	68-133	
1,2-Dichloroethane	20.0	23.9	119	66-129	
1,2-Dichloropropane	20.0	21.3	106	72-128	
2-Hexanone	100	99.6	100	72-134	
Acetone	100	94.0	94	60-133	
Benzene	20.0	19.9	100	71-126	
Bromodichloromethane	20.0	21.3	106	76-121	
Bromoform	20.0	19.7	98	58-128	
Bromomethane	20.0	14.9	75	33-150	
Carbon disulfide	20.0	21.9	110	35-150	
Carbon tetrachloride	20.0	21.7	109	65-131	
Chlorobenzene	20.0	20.5	102	80-120	
Chloroethane	20.0	18.2	91	54-150	
Chloroform	20.0	23.4	117	78-125	
Chloromethane	20.0	16.6	83	43-149	
cis-1,2-Dichloroethene	20.0	23.4	117	78-121	
cis-1,3-Dichloropropene	20.0	19.1	95	74-125	
Dibromochloromethane	20.0	20.0	100	73-121	
Ethylbenzene	20.0	20.0	100	78-120	
Methyl Ethyl Ketone	100	104	104	65-142	
methyl isobutyl ketone	100	102	102	77-130	
Methylene Chloride	20.0	22.2	111	74-127	
Styrene	20.0	20.1	100	82-127	
Tetrachloroethene	20.0	21.4	107	70-127	
Toluene	20.0	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	22.5	113	70-126	
trans-1,3-Dichloropropene	20.0	19.0	95	71-127	
Trichloroethene	20.0	21.6	108	73-121	
Vinyl chloride	20.0	19.3	96	55-144	
Xylenes, Total	40.0	39.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K74091.D

Lab ID: LCSD 460-1069418/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.5	107	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	7	30	63-139	
1,1,2-Trichloroethane	20.0	19.5	97	3	30	74-125	
1,1-Dichloroethane	20.0	22.0	110	4	30	73-130	
1,1-Dichloroethene	20.0	19.5	98	4	30	68-133	
1,2-Dichloroethane	20.0	22.6	113	5	30	66-129	
1,2-Dichloropropane	20.0	21.1	106	1	30	72-128	
2-Hexanone	100	91.0	91	9	30	72-134	
Acetone	100	88.9	89	6	30	60-133	
Benzene	20.0	19.5	97	2	30	71-126	
Bromodichloromethane	20.0	21.1	105	1	30	76-121	
Bromoform	20.0	18.0	90	9	30	58-128	
Bromomethane	20.0	16.0	80	7	30	33-150	
Carbon disulfide	20.0	20.5	102	7	30	35-150	
Carbon tetrachloride	20.0	20.1	100	8	30	65-131	
Chlorobenzene	20.0	20.1	100	2	30	80-120	
Chloroethane	20.0	17.0	85	7	30	54-150	
Chloroform	20.0	22.9	115	2	30	78-125	
Chloromethane	20.0	16.8	84	1	30	43-149	
cis-1,2-Dichloroethene	20.0	22.3	112	5	30	78-121	
cis-1,3-Dichloropropene	20.0	18.6	93	2	30	74-125	
Dibromochloromethane	20.0	18.8	94	6	30	73-121	
Ethylbenzene	20.0	20.0	100	0	30	78-120	
Methyl Ethyl Ketone	100	97.7	98	6	30	65-142	
methyl isobutyl ketone	100	98.9	99	3	30	77-130	
Methylene Chloride	20.0	21.0	105	6	30	74-127	
Styrene	20.0	19.7	98	2	30	82-127	
Tetrachloroethene	20.0	20.2	101	6	30	70-127	
Toluene	20.0	20.5	103	2	30	78-120	
trans-1,2-Dichloroethene	20.0	21.9	110	3	30	70-126	
trans-1,3-Dichloropropene	20.0	17.8	89	6	30	71-127	
Trichloroethene	20.0	20.8	104	3	30	73-121	
Vinyl chloride	20.0	18.8	94	2	30	55-144	
Xylenes, Total	40.0	39.9	100	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K74103.D

Lab ID: 460-336983-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.9	104	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	20.0	100	63-139	
1,1,2-Trichloroethane	20.0	0.58 U	18.7	93	74-125	
1,1-Dichloroethane	20.0	1.0 U	20.8	104	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.3	96	68-133	
1,2-Dichloroethane	20.0	0.30 U	20.6	103	66-129	
1,2-Dichloropropane	20.0	0.92 U	18.6	93	72-128	
2-Hexanone	100	5.0 U	87.7	88	72-134	
Acetone	100	5.0 U	80.2	80	60-133	
Benzene	20.0	0.45 U	18.5	93	71-126	
Bromodichloromethane	20.0	0.98 U	18.9	94	76-121	
Bromoform	20.0	1.0 U	17.1	86	58-128	
Bromomethane	20.0	1.0 U	15.5	78	33-150	
Carbon disulfide	20.0	1.0 U	19.5	98	35-150	
Carbon tetrachloride	20.0	1.0 U	20.3	102	65-131	
Chlorobenzene	20.0	1.0 U	19.4	97	80-120	
Chloroethane	20.0	1.0 U	18.7	94	54-150	
Chloroform	20.0	1.0 U	21.6	108	78-125	
Chloromethane	20.0	1.0 U	19.4	97	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	21.6	108	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	17.0	85	74-125	
Dibromochloromethane	20.0	0.78 U	18.3	91	73-121	
Ethylbenzene	20.0	1.0 U	19.0	95	78-120	
Methyl Ethyl Ketone	100	5.0 U	93.1	93	65-142	
methyl isobutyl ketone	100	5.0 U	93.9	94	77-130	
Methylene Chloride	20.0	1.0 U	19.2	96	74-127	
Styrene	20.0	1.0 U	18.6	93	82-127	
Tetrachloroethene	20.0	6.0	24.0	90	70-127	
Toluene	20.0	1.0 U	19.1	95	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.4	107	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	16.4	82	71-127	
Trichloroethene	20.0	0.28 U	19.9	100	73-121	
Vinyl chloride	20.0	1.0 U	19.9	99	55-144	
Xylenes, Total	40.0	2.0 U	37.5	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K74104.D

Lab ID: 460-336983-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.9	104	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	2	30	63-139	
1,1,2-Trichloroethane	20.0	18.3	92	2	30	74-125	
1,1-Dichloroethane	20.0	20.1	101	3	30	73-130	
1,1-Dichloroethene	20.0	18.7	94	3	30	68-133	
1,2-Dichloroethane	20.0	20.9	105	1	30	66-129	
1,2-Dichloropropane	20.0	19.4	97	4	30	72-128	
2-Hexanone	100	89.3	89	2	30	72-134	
Acetone	100	86.7	87	8	30	60-133	
Benzene	20.0	18.1	90	2	30	71-126	
Bromodichloromethane	20.0	18.4	92	3	30	76-121	
Bromoform	20.0	16.5	82	4	30	58-128	
Bromomethane	20.0	15.2	76	2	30	33-150	
Carbon disulfide	20.0	19.5	98	0	30	35-150	
Carbon tetrachloride	20.0	19.7	98	3	30	65-131	
Chlorobenzene	20.0	18.7	94	3	30	80-120	
Chloroethane	20.0	18.2	91	3	30	54-150	
Chloroform	20.0	21.6	108	0	30	78-125	
Chloromethane	20.0	19.9	99	2	30	43-149	
cis-1,2-Dichloroethene	20.0	21.4	107	1	30	78-121	
cis-1,3-Dichloropropene	20.0	16.7	83	2	30	74-125	
Dibromochloromethane	20.0	17.8	89	2	30	73-121	
Ethylbenzene	20.0	17.9	90	6	30	78-120	
Methyl Ethyl Ketone	100	96.5	96	4	30	65-142	
methyl isobutyl ketone	100	95.2	95	1	30	77-130	
Methylene Chloride	20.0	19.5	97	2	30	74-127	
Styrene	20.0	17.9	90	4	30	82-127	
Tetrachloroethene	20.0	24.9	95	4	30	70-127	
Toluene	20.0	19.0	95	0	30	78-120	
trans-1,2-Dichloroethene	20.0	21.2	106	1	30	70-126	
trans-1,3-Dichloropropene	20.0	16.0	80	2	30	71-127	
Trichloroethene	20.0	19.3	97	3	30	73-121	
Vinyl chloride	20.0	20.4	102	3	30	55-144	
Xylenes, Total	40.0	36.1	90	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab File ID: K74094.D Lab Sample ID: MB 460-1069418/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS9 Date Analyzed: 10/20/2025 07:18

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1069418/4	K74090.D	10/20/2025 05:43
	LCSD 460-1069418/5	K74091.D	10/20/2025 06:07
FB1008	460-336983-13	K74095.D	10/20/2025 07:41
Trip Blank	460-336983-14	K74096.D	10/20/2025 08:05
A-02	460-336983-5	K74099.D	10/20/2025 09:16
A-02 MS	460-336983-5 MS	K74103.D	10/20/2025 10:51
A-02 MSD	460-336983-5 MSD	K74104.D	10/20/2025 11:14
A-15	460-336983-1	K74106.D	10/20/2025 12:01
ME-8	460-336983-2	K74107.D	10/20/2025 12:25
ME-13	460-336983-3	K74108.D	10/20/2025 12:49
MW-113	460-336983-4	K74109.D	10/20/2025 13:12
A-06	460-336983-6	K74110.D	10/20/2025 13:36
A-066	460-336983-7	K74111.D	10/20/2025 13:59
A-08	460-336983-8	K74112.D	10/20/2025 14:23
A-07	460-336983-9	K74113.D	10/20/2025 14:47
A-05	460-336983-10	K74114.D	10/20/2025 15:10
A-09	460-336983-11	K74115.D	10/20/2025 15:34
A-10	460-336983-12	K74116.D	10/20/2025 15:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab File ID: K71215.D BFB Injection Date: 08/12/2025

Instrument ID: CVOAMS9 BFB Injection Time: 06:24

Analysis Batch No.: 1055004

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (129.6) 1
96	5 - 9% of m/z 95	7.3
173	Less than 2% of m/z 174	1.0 (1.2) 1
174	50 - 200% of m/z 95	77.1
175	5 - 9% of m/z 174	5.7 (7.4) 1
176	95 -105% of m/z 174	75.5 (97.8) 1
177	5 - 10% of m/z 176	3.9 (5.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD9 460-1055004/3	K71217.D	08/12/2025	7:42
	STD8 460-1055004/4	K71218.D	08/12/2025	8:06
	STD1 460-1055004/6	K71220.D	08/12/2025	8:55
	STD5 460-1055004/7	K71221.D	08/12/2025	9:19
	STD20 460-1055004/8	K71222.D	08/12/2025	9:43
	STD50 460-1055004/9	K71223.D	08/12/2025	10:08
	STD200 460-1055004/10	K71224.D	08/12/2025	10:32
	STD500 460-1055004/11	K71225.D	08/12/2025	10:56
	ICV 460-1055004/18	K71232.D	08/12/2025	13:45

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Sample No.: STD20 460-1055004/8 Date Analyzed: 08/12/2025 09:43

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K71222.D Heated Purge: (Y/N) N

Calibration ID: 102068

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		200146	2.62	222201	3.56	579871	4.55
UPPER LIMIT		400292	3.12	444402	4.06	1159742	5.05
LOWER LIMIT		100073	2.12	111101	3.06	289936	4.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1055004/18		217412	2.62	234908	3.56	587787	4.55

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Sample No.: STD20 460-1055004/8 Date Analyzed: 08/12/2025 09:43

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K71222.D Heated Purge: (Y/N) N

Calibration ID: 102068

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		26938	5.18	431187	7.81	228850	10.06
UPPER LIMIT		53876	5.68	862374	8.31	457700	10.56
LOWER LIMIT		13469	4.68	215594	7.31	114425	9.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1055004/18		28471	5.18	436619	7.81	229175	10.08

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Sample No.: CCVIS 460-1069418/2 Date Analyzed: 10/20/2025 04:56

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K74088.D Heated Purge: (Y/N) N

Calibration ID: 102068

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		175396	2.61	201312	3.54	546684	4.54
UPPER LIMIT		350792	3.11	402624	4.04	1093368	5.04
LOWER LIMIT		87698	2.11	100656	3.04	273342	4.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1069418/4		195214	2.61	223638	3.54	537948	4.54
LCSD 460-1069418/5		182929	2.61	211677	3.54	546364	4.54
MB 460-1069418/8		179675	2.61	207328	3.54	525878	4.54
460-336983-13	FB1008	161251	2.61	190410	3.54	528254	4.54
460-336983-14	Trip Blank	165016	2.61	192208	3.54	527209	4.54
460-336983-5	A-02	178166	2.61	204239	3.54	517060	4.54
460-336983-5 MS	A-02 MS	183986	2.61	216931	3.54	533926	4.54
460-336983-5 MSD	A-02 MSD	194169	2.61	211041	3.54	533110	4.54
460-336983-1	A-15	192880	2.61	208668	3.54	526490	4.54
460-336983-2	ME-8	194817	2.61	216589	3.54	516772	4.54
460-336983-3	ME-13	184283	2.61	210155	3.54	520999	4.54
460-336983-4	MW-113	194685	2.61	211393	3.54	522181	4.54
460-336983-6	A-06	192753	2.61	217567	3.54	518299	4.54
460-336983-7	A-066	198778	2.61	209995	3.54	515871	4.54
460-336983-8	A-08	194925	2.61	212887	3.54	513104	4.54
460-336983-9	A-07	183847	2.61	206964	3.54	513873	4.54
460-336983-10	A-05	176439	2.61	201368	3.54	511157	4.54
460-336983-11	A-09	188618	2.61	209738	3.54	519160	4.54
460-336983-12	A-10	184034	2.61	203360	3.54	502104	4.54

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Sample No.: CCVIS 460-1069418/2 Date Analyzed: 10/20/2025 04:56

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K74088.D Heated Purge: (Y/N) N

Calibration ID: 102068

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21863	5.17	441436	7.79	249946	10.06
UPPER LIMIT		43726	5.67	882872	8.29	499892	10.56
LOWER LIMIT		10932	4.67	220718	7.29	124973	9.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1069418/4		25027	5.17	447026	7.79	242992	10.06
LCSD 460-1069418/5		23128	5.17	449090	7.79	240238	10.06
MB 460-1069418/8		21685	5.17	431181	7.79	230772	10.06
460-336983-13	FB1008	19087	5.17	431193	7.80	233995	10.06
460-336983-14	Trip Blank	20345	5.17	432902	7.79	232621	10.06
460-336983-5	A-02	21004	5.17	424165	7.79	234974	10.06
460-336983-5 MS	A-02 MS	22803	5.17	436331	7.80	245630	10.06
460-336983-5 MSD	A-02 MSD	24442	5.17	442570	7.80	243496	10.06
460-336983-1	A-15	22820	5.17	431703	7.80	236428	10.06
460-336983-2	ME-8	23990	5.17	425342	7.79	236978	10.06
460-336983-3	ME-13	20407	5.17	434534	7.79	235263	10.06
460-336983-4	MW-113	22288	5.17	431774	7.79	235127	10.05
460-336983-6	A-06	22526	5.17	432829	7.80	235213	10.06
460-336983-7	A-066	23452	5.17	429338	7.80	231044	10.06
460-336983-8	A-08	22140	5.17	428138	7.79	234645	10.06
460-336983-9	A-07	21327	5.17	425179	7.79	230964	10.06
460-336983-10	A-05	18750	5.17	425645	7.80	232589	10.06
460-336983-11	A-09	21596	5.17	428303	7.79	233642	10.06
460-336983-12	A-10	21755	5.17	428730	7.79	230814	10.06

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-336983-1

Matrix: Water | Lab File ID: K74106.D

Analysis Method: 8260D | Date Collected: 10/08/2025 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	17		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-336983-1

Matrix: Water | Lab File ID: K74106.D

Analysis Method: 8260D | Date Collected: 10/08/2025 08:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74106.D
Lims ID: 460-336983-B-1
Client ID: A-15
Sample Type: Client
Inject. Date: 20-Oct-2025 12:01:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-1
Misc. Info.: 460-0198102-020
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:12:02 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:12:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	192880	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	208668	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	95	159617	56.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	161166	55.3	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	526490	50.0	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	28	22820	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	100	564325	49.8	
88 Tetrachloroethene	166	6.760	6.760	0.000	92	43503	17.2	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	431703	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	171104	52.5	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	95	236428	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

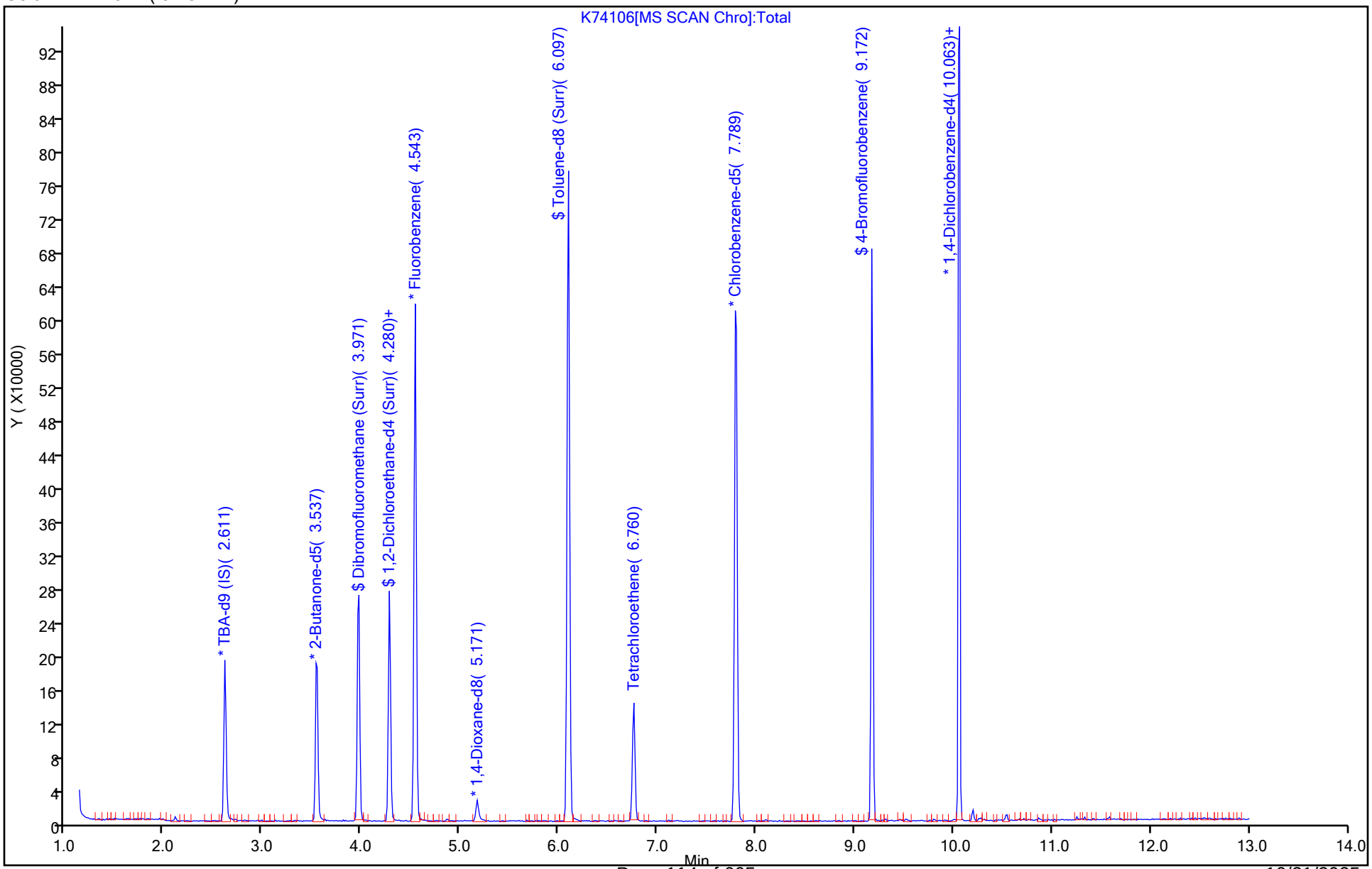
Report Date: 20-Oct-2025 19:12:28 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74106.D

Injection Date:	20-Oct-2025 12:01:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-1	Lab Sample ID:	460-336983-1	Worklist Smp#:	20
Client ID:	A-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74106.D
Lims ID: 460-336983-B-1
Client ID: A-15
Sample Type: Client
Inject. Date: 20-Oct-2025 12:01:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-1
Misc. Info.: 460-0198102-020
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:12:02 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

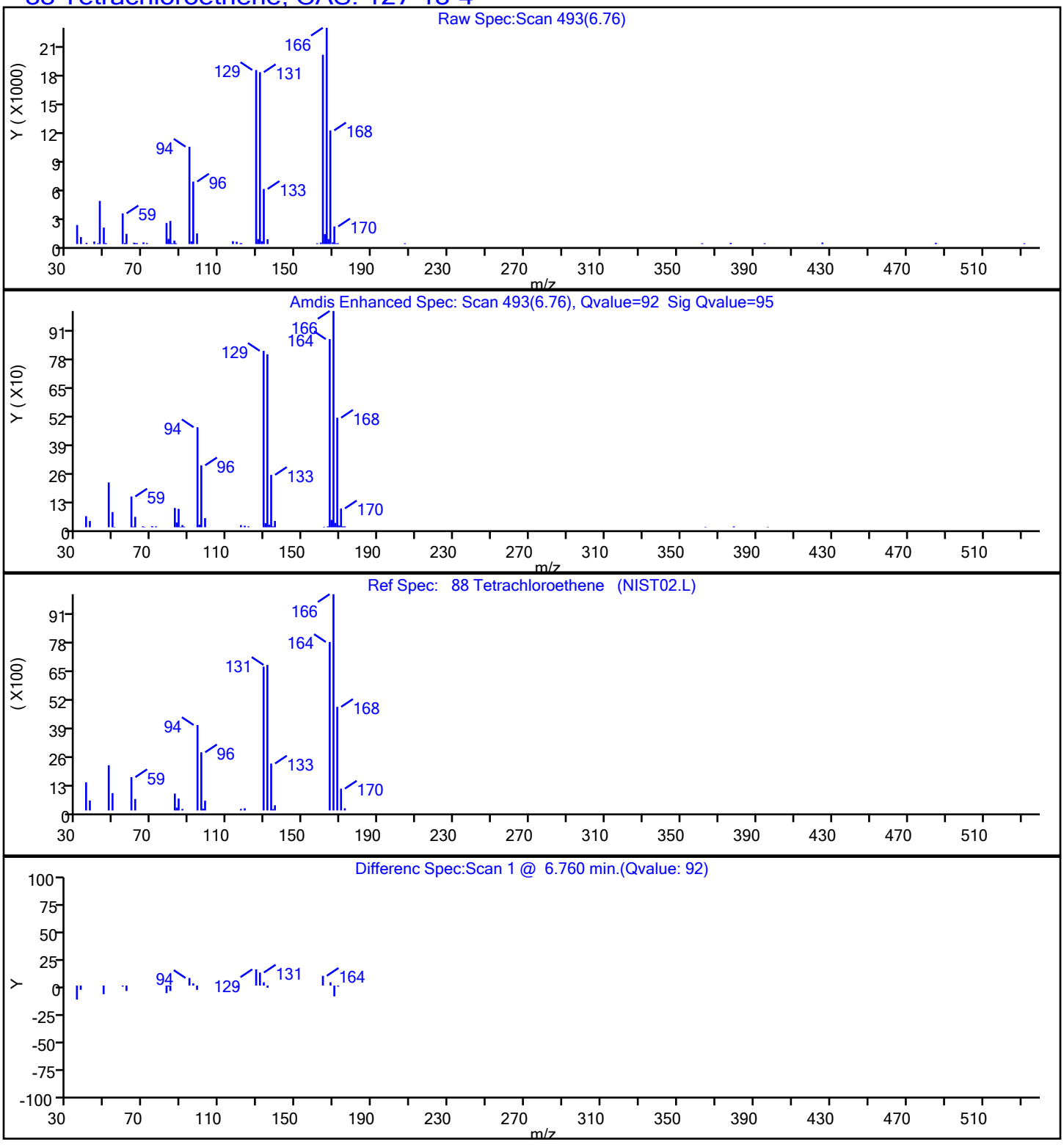
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:12:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.7	113.43
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.52
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.53
$ 105 4-Bromofluorobenzene	50.0	52.5	105.08

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74106.D		
Injection Date:	20-Oct-2025 12:01:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-1	Lab Sample ID:	460-336983-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-336983-2

Matrix: Water | Lab File ID: K74107.D

Analysis Method: 8260D | Date Collected: 10/08/2025 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	11		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-336983-2

Matrix: Water | Lab File ID: K74107.D

Analysis Method: 8260D | Date Collected: 10/08/2025 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	117		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74107.D				
Lims ID:	460-336983-B-2				
Client ID:	ME-8				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 12:25:30	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-2				
Misc. Info.:	460-0198102-021				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	20-Oct-2025 19:14:44	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1683				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:14:44		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	194817	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	216589	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	96	161320	58.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	162286	56.7	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	516772	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	23990	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	100	557013	49.9	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	27180	10.9	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	85	425342	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	88	167275	52.1	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	236978	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

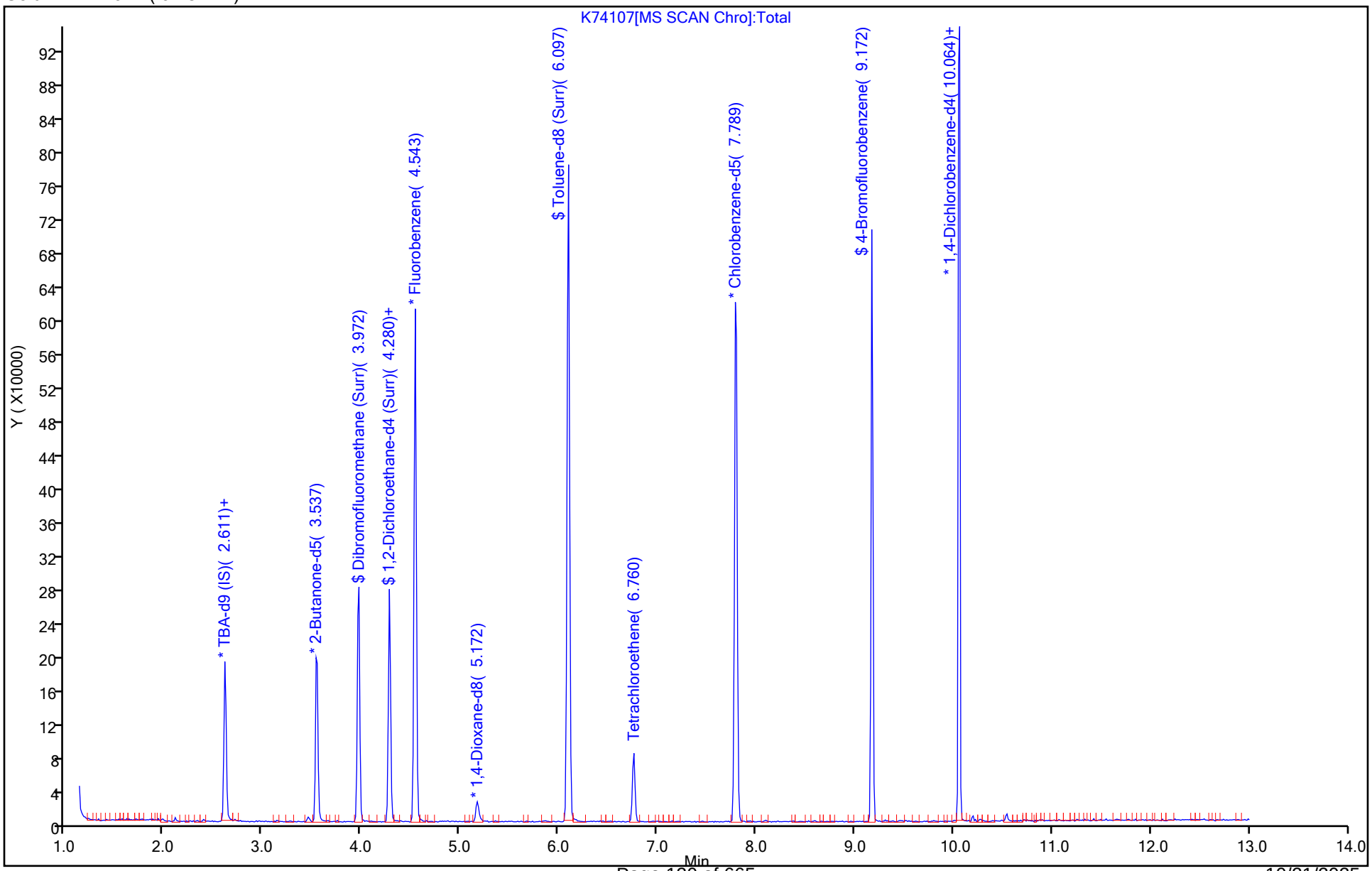
Report Date: 20-Oct-2025 19:14:45 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74107.D

Injection Date:	20-Oct-2025 12:25:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-2	Lab Sample ID:	460-336983-2	Worklist Smp#:	21
Client ID:	ME-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74107.D
Lims ID: 460-336983-B-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 20-Oct-2025 12:25:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-2
Misc. Info.: 460-0198102-021
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:14:44 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:14:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	58.4	116.79
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.7	113.38
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.71
$ 105 4-Bromofluorobenzene	50.0	52.1	104.27

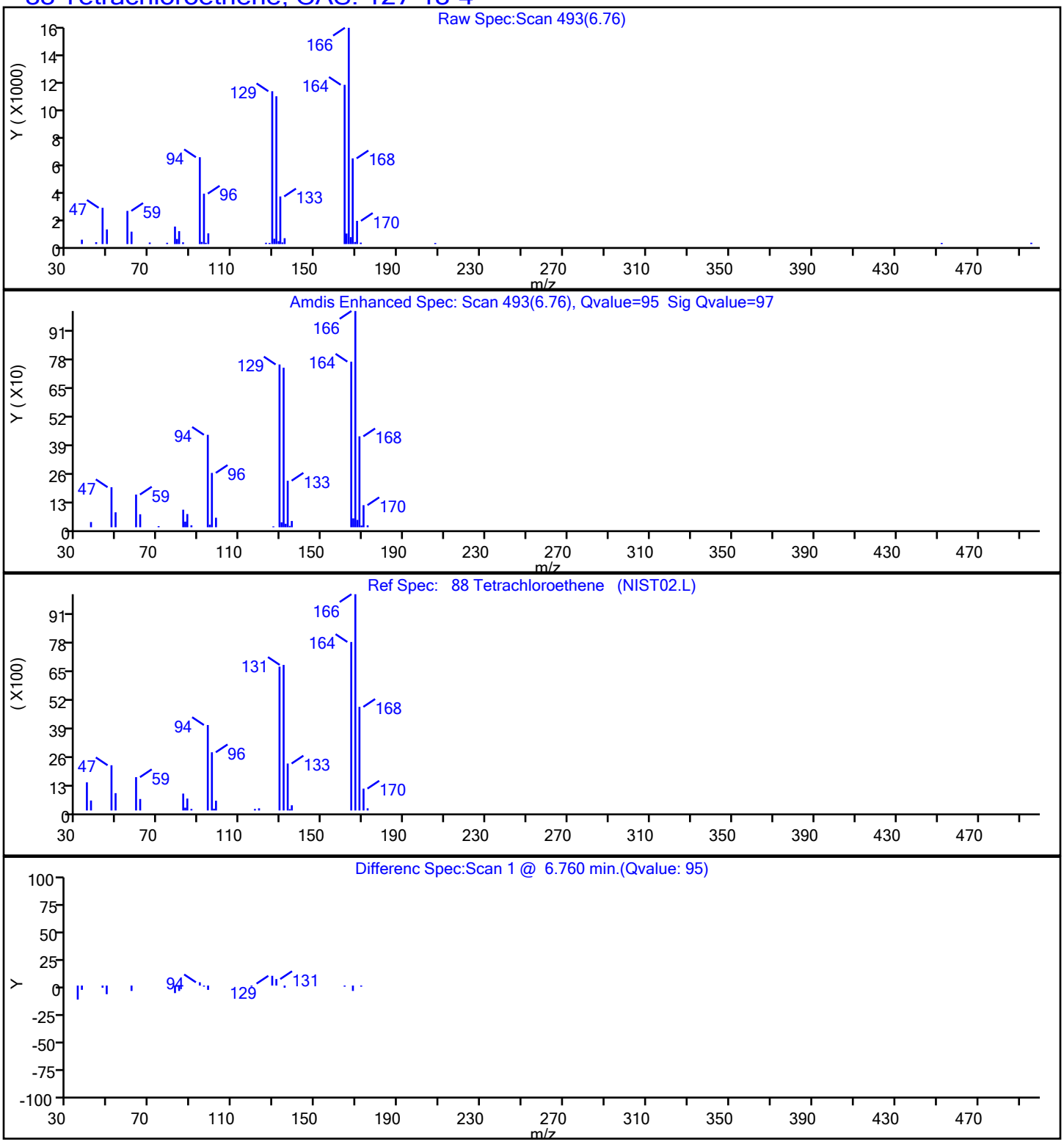
Report Date: 20-Oct-2025 19:14:45 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74107.D

Injection Date:	20-Oct-2025 12:25:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-2	Lab Sample ID:	460-336983-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



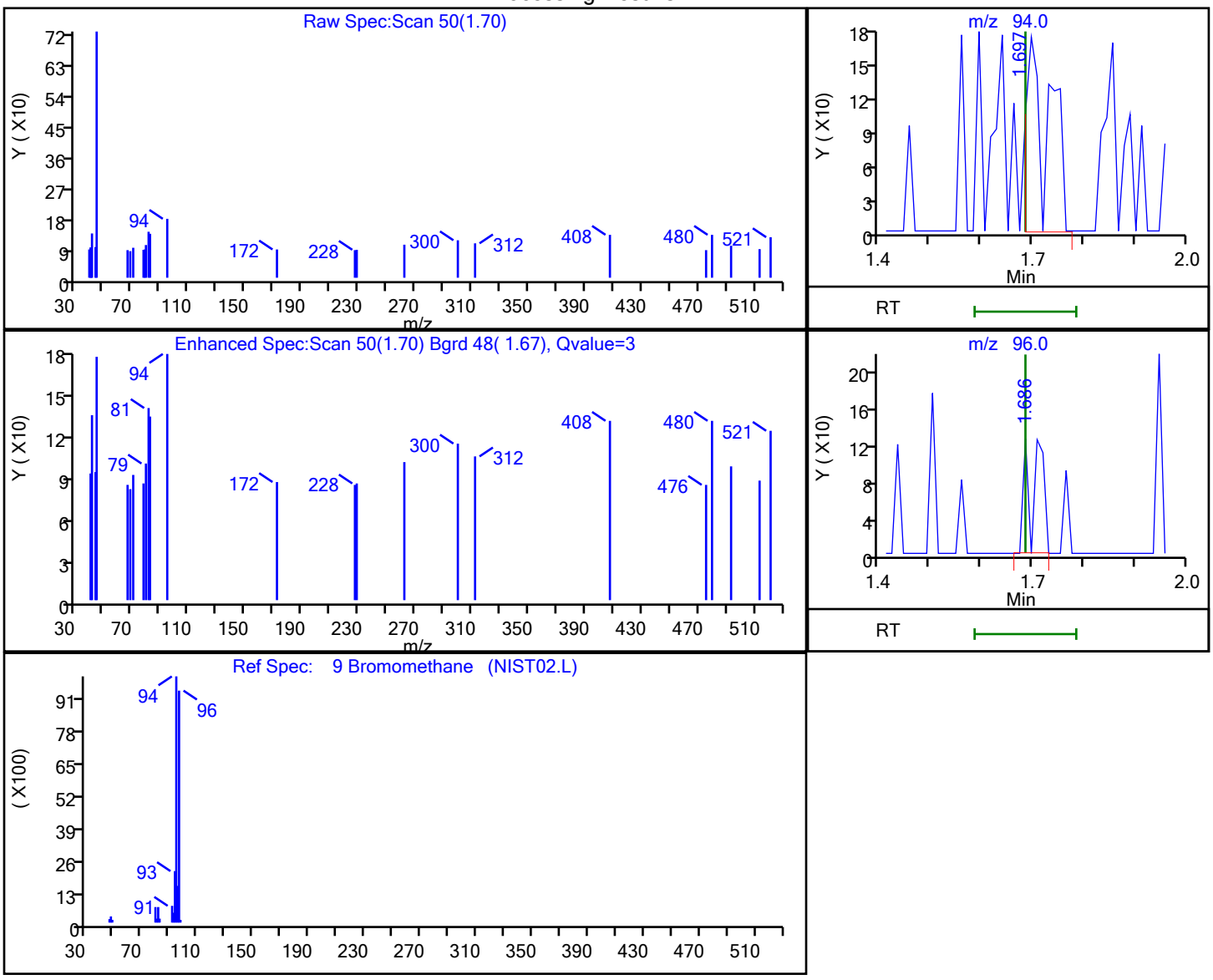
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74107.D				
Injection Date:	20-Oct-2025 12:25:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-2	Lab Sample ID:	460-336983-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.70	94.00	548	0.337065
1.69	96.00	242	

Reviewer: HVW2, 20-Oct-2025 19:14:32 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-336983-3

Matrix: Water | Lab File ID: K74108.D

Analysis Method: 8260D | Date Collected: 10/08/2025 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	4.1		0.40	0.28
108-88-3	Toluene	0.60	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-336983-3

Matrix: Water | Lab File ID: K74108.D

Analysis Method: 8260D | Date Collected: 10/08/2025 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 12:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	35		1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	115		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D
Lims ID: 460-336983-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 20-Oct-2025 12:49:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-3
Misc. Info.: 460-0198102-022
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:14:44 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:14:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.457	1.445	0.012	98	76408	35.1	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	184283	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	210155	250.0	
45 cis-1,2-Dichloroethene	96	3.594	3.583	0.011	96	2542	1.00	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	95	160823	57.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	159726	55.3	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	520999	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	20407	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	568026	49.8	
84 Toluene	91	6.166	6.166	0.000	99	6675	0.6009	
88 Tetrachloroethene	166	6.760	6.760	0.000	93	10439	4.11	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	434534	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	166079	50.7	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	95	235263	50.0	
S 137 1,2-Dichloroethene, Total	100				0		1.00	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

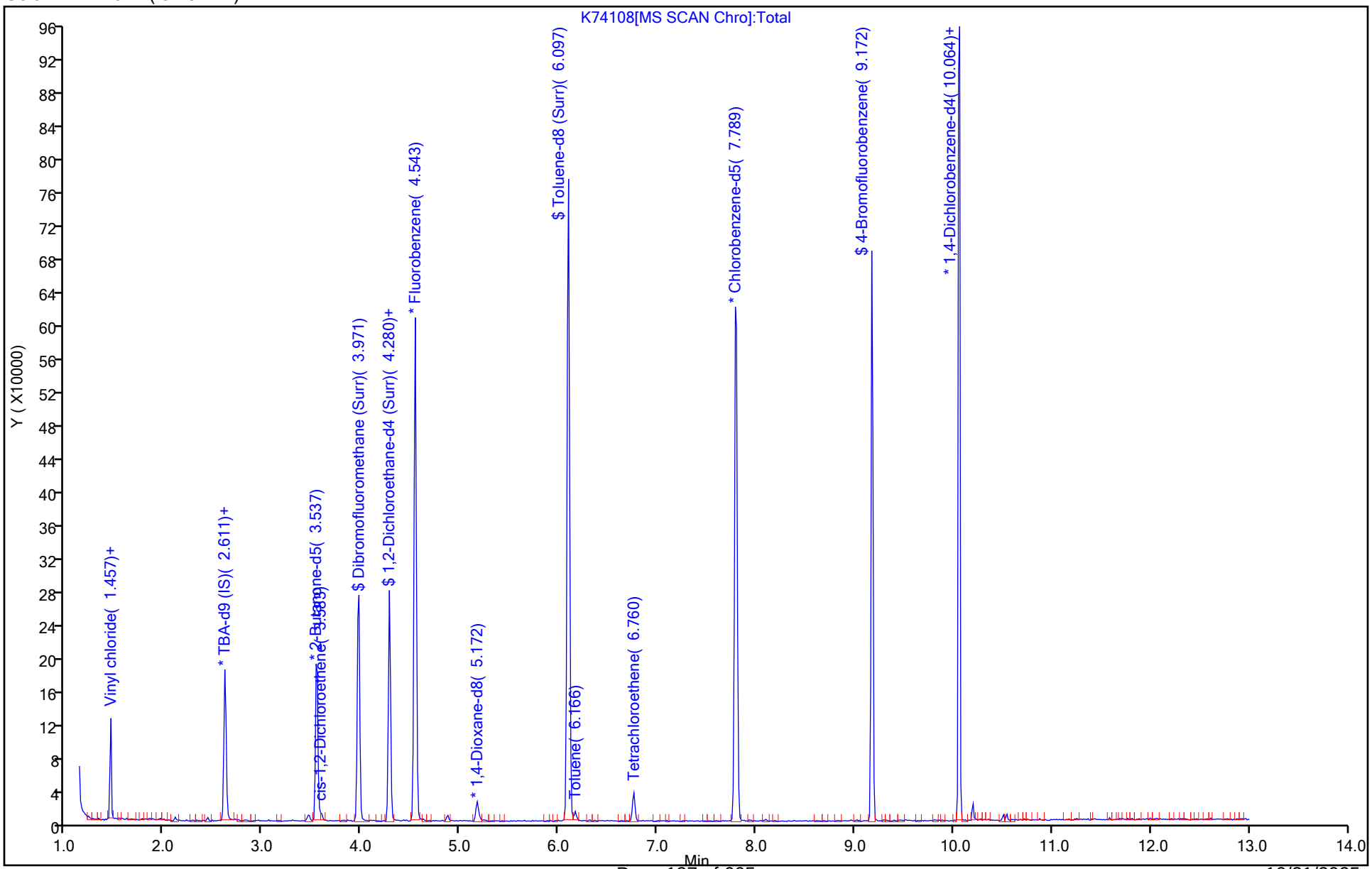
Report Date: 20-Oct-2025 19:15:00 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D

Injection Date:	20-Oct-2025 12:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-3	Lab Sample ID:	460-336983-3	Worklist Smp#:	22
Client ID:	ME-13				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D
Lims ID: 460-336983-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 20-Oct-2025 12:49:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-3
Misc. Info.: 460-0198102-022
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:14:44 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

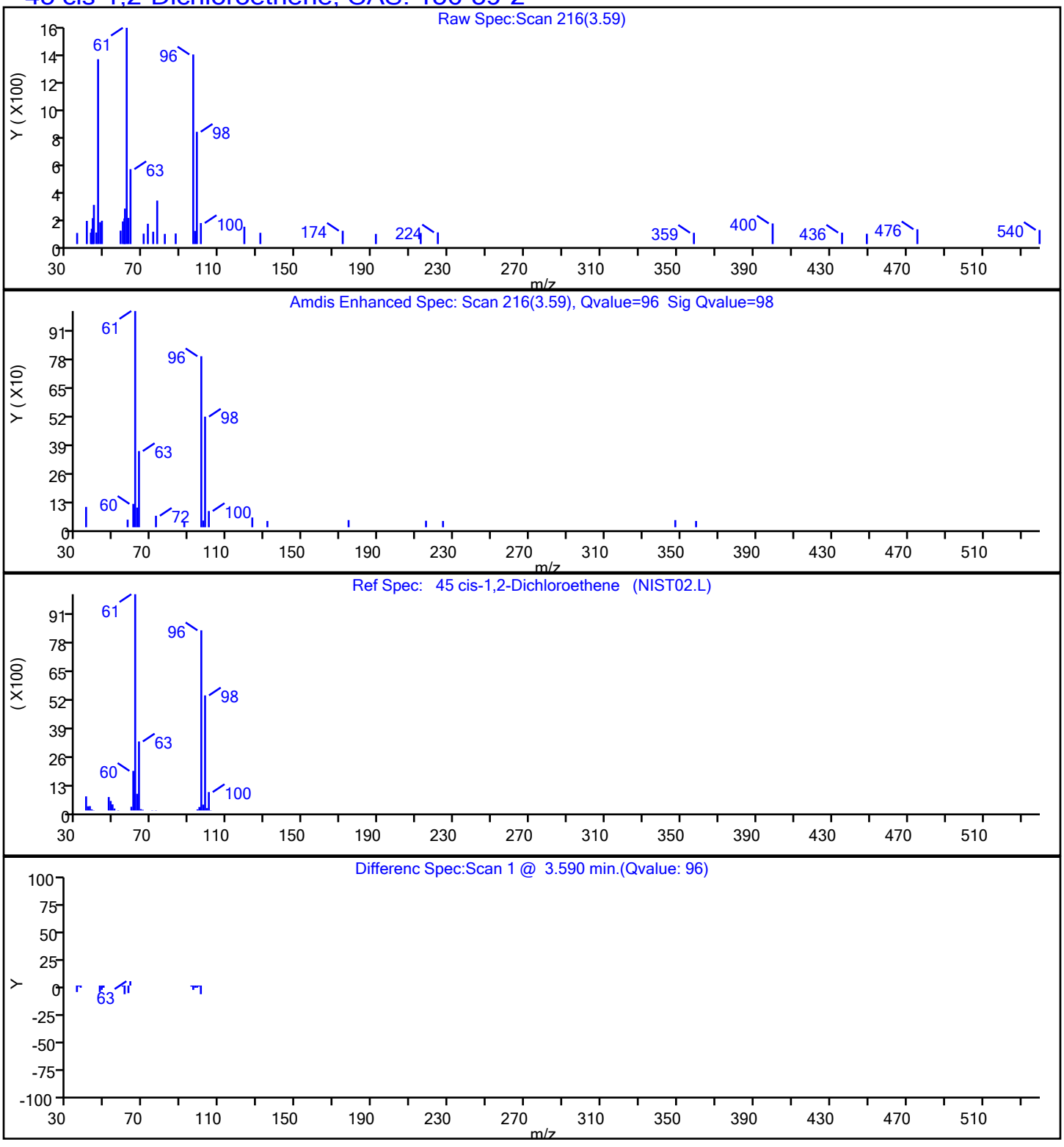
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:14:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	57.7	115.49
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.69
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.53
$ 105 4-Bromofluorobenzene	50.0	50.7	101.33

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D				
Injection Date:	20-Oct-2025 12:49:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-3	Lab Sample ID:	460-336983-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

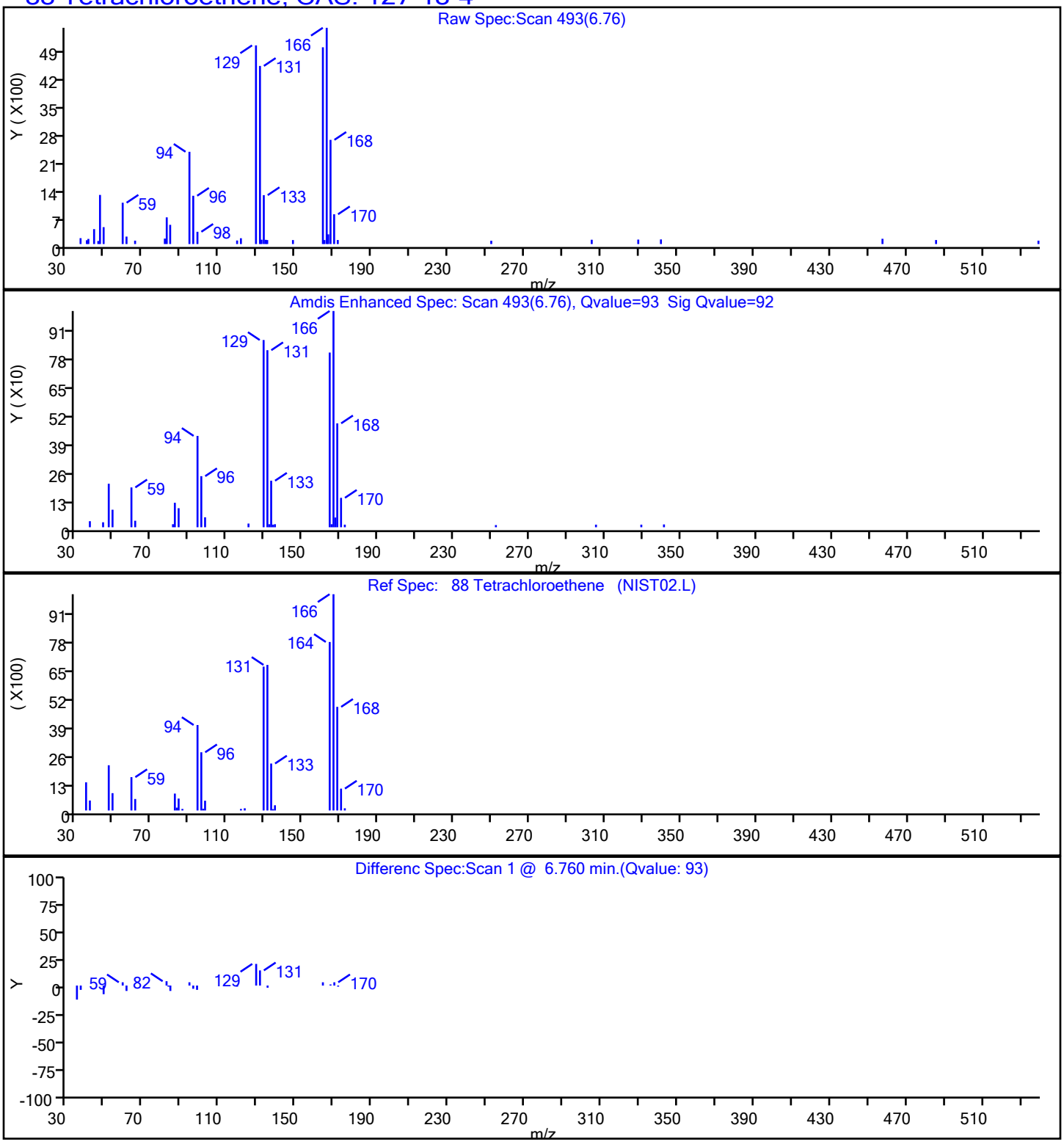
45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D		
Injection Date:	20-Oct-2025 12:49:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-3	Lab Sample ID:	460-336983-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

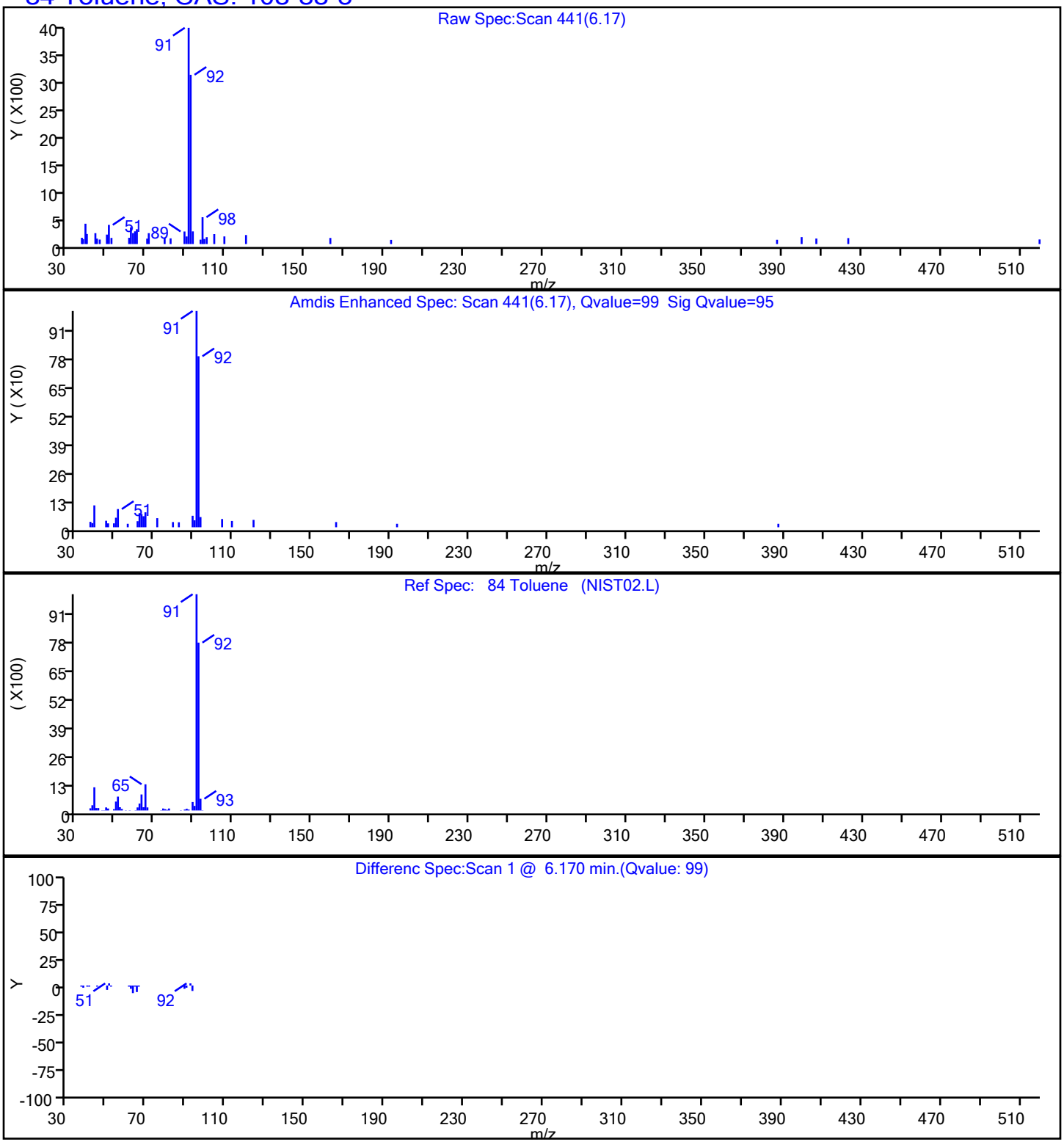
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D		
Injection Date:	20-Oct-2025 12:49:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-3	Lab Sample ID:	460-336983-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

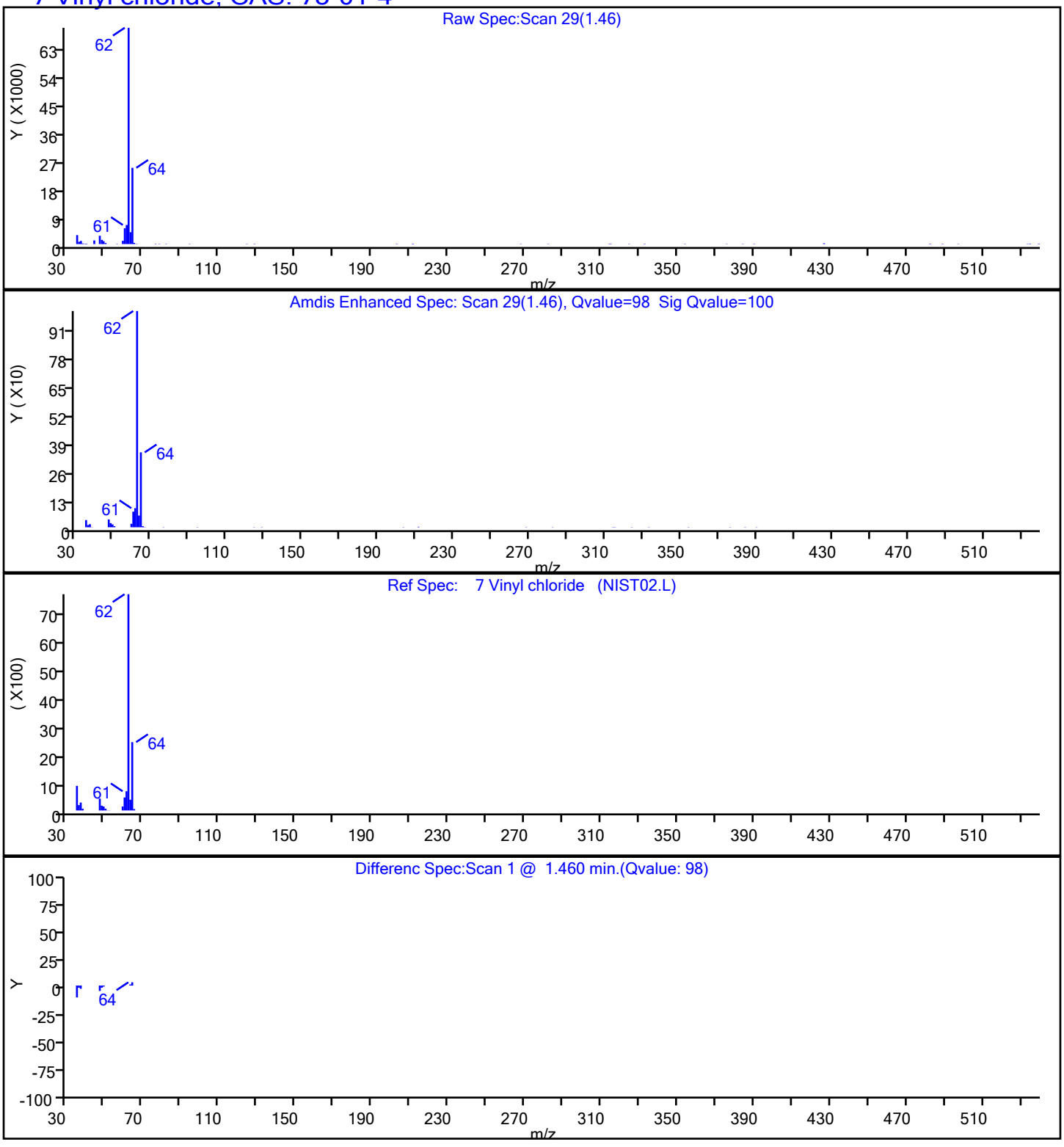
84 Toluene, CAS: 108-88-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74108.D		
Injection Date:	20-Oct-2025 12:49:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-3	Lab Sample ID:	460-336983-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

7 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-336983-4

Matrix: Water | Lab File ID: K74109.D

Analysis Method: 8260D | Date Collected: 10/08/2025 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	4.5		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-336983-4

Matrix: Water | Lab File ID: K74109.D

Analysis Method: 8260D | Date Collected: 10/08/2025 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74109.D
Lims ID: 460-336983-B-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 20-Oct-2025 13:12:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-4
Misc. Info.: 460-0198102-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2025 00:28:20 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	194685	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	211393	250.0	
45 cis-1,2-Dichloroethene	96	3.594	3.583	0.011	29	1193	0.4693	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	96	159087	57.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	158879	54.9	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	522181	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	22288	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	568503	50.1	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	11471	4.54	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	85	431774	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	162970	50.0	
* 120 1,4-Dichlorobenzene-d4	152	10.052	10.063	-0.011	97	235127	50.0	
S 137 1,2-Dichloroethene, Total	100				0		0.4693	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

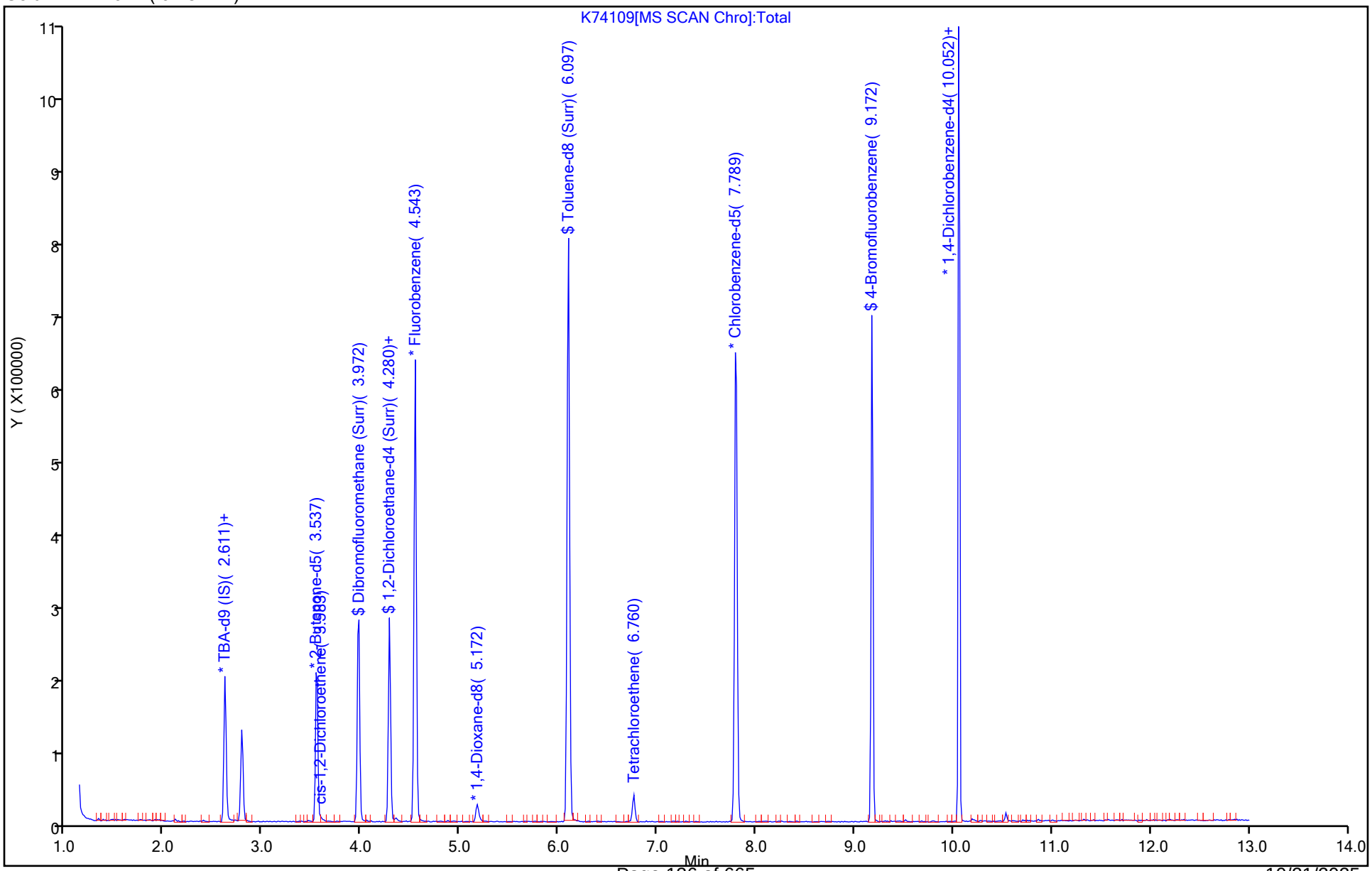
Report Date: 21-Oct-2025 00:35:28 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74109.D

Injection Date:	20-Oct-2025 13:12:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-4	Lab Sample ID:	460-336983-4	Worklist Smp#:	23
Client ID:	MW-113				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74109.D
Lims ID: 460-336983-B-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 20-Oct-2025 13:12:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-4
Misc. Info.: 460-0198102-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2025 00:28:20 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

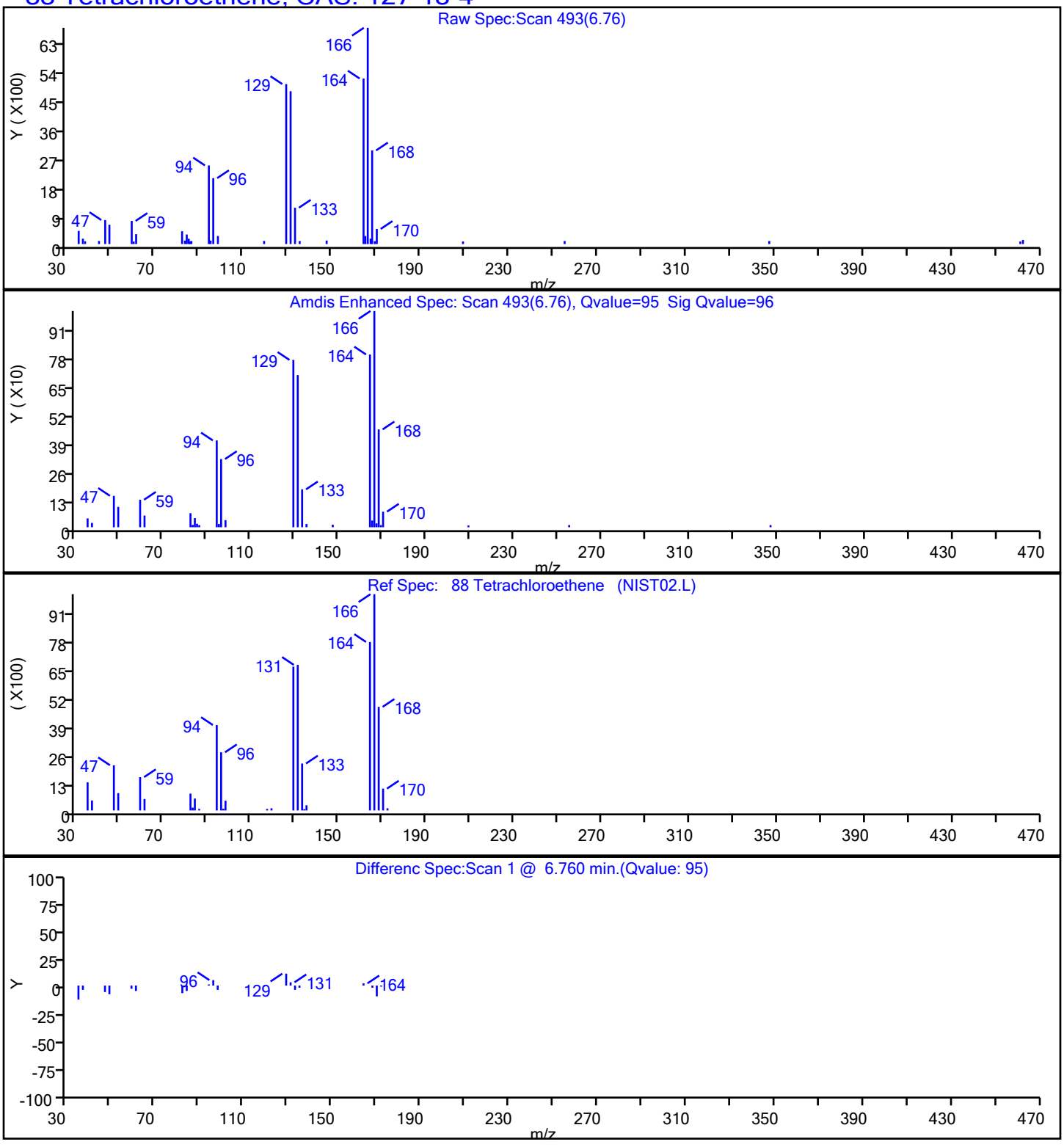
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	57.0	113.98
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.9	109.85
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.25
$ 105 4-Bromofluorobenzene	50.0	50.0	100.07

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74109.D		
Injection Date:	20-Oct-2025 13:12:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-4	Lab Sample ID:	460-336983-4
Client ID:	MW-113		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-336983-5

Matrix: Water | Lab File ID: K74099.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	6.0		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-336983-5

Matrix: Water | Lab File ID: K74099.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74099.D				
Lims ID:	460-336983-B-5				
Client ID:	A-02				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 09:16:30	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-5				
Misc. Info.:	460-0198102-013				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	20-Oct-2025 14:36:52	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1683				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:06:48		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	178166	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	204239	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	96	160559	58.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	159774	55.8	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	517060	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	21004	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	557454	50.0	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	14808	5.97	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	424165	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	87	165508	51.7	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	234974	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

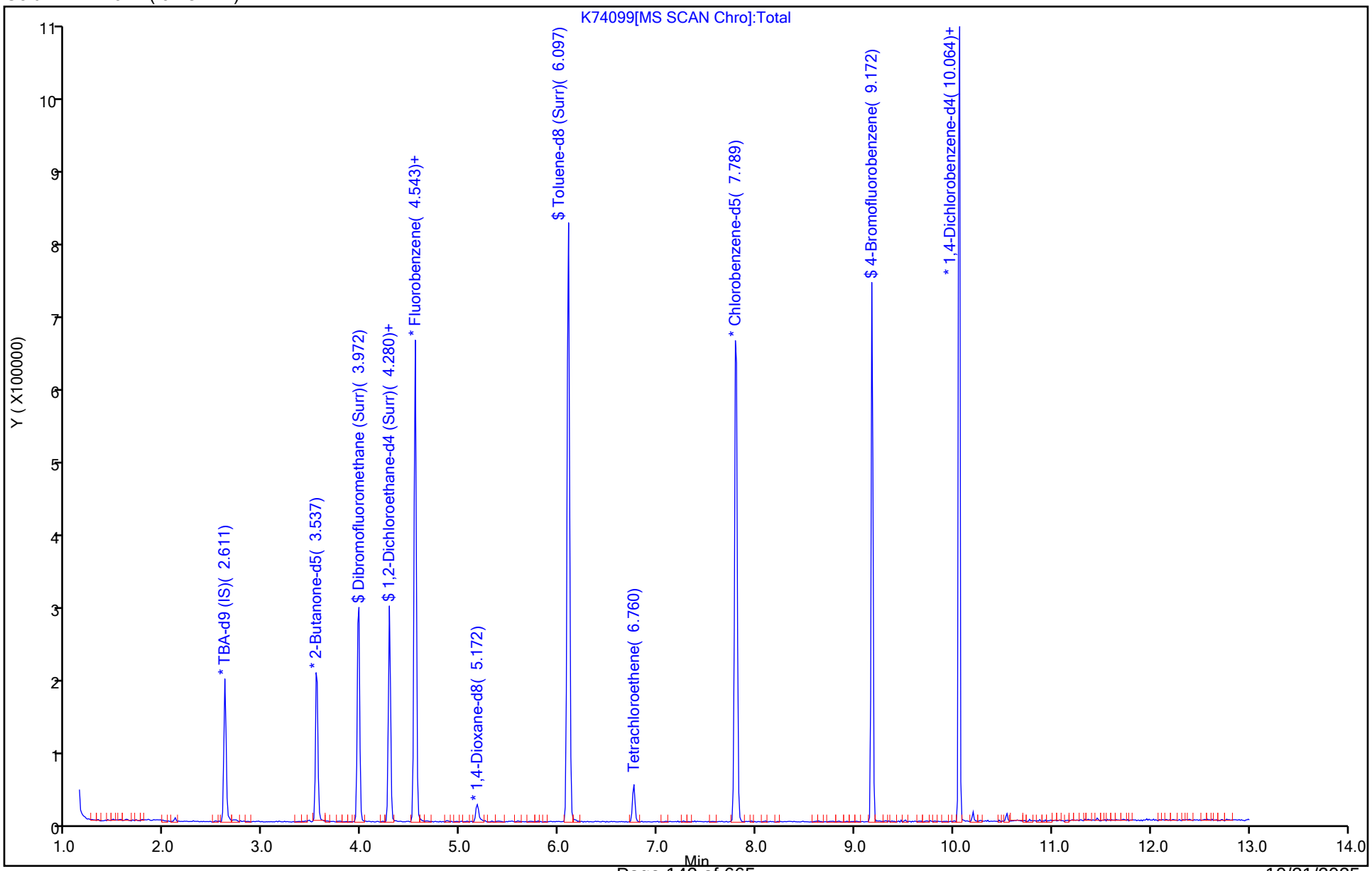
Report Date: 20-Oct-2025 19:06:48 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74099.D

Injection Date:	20-Oct-2025 09:16:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-5	Lab Sample ID:	460-336983-5	Worklist Smp#:	13
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74099.D
Lims ID: 460-336983-B-5
Client ID: A-02
Sample Type: Client
Inject. Date: 20-Oct-2025 09:16:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-5
Misc. Info.: 460-0198102-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 14:36:52 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

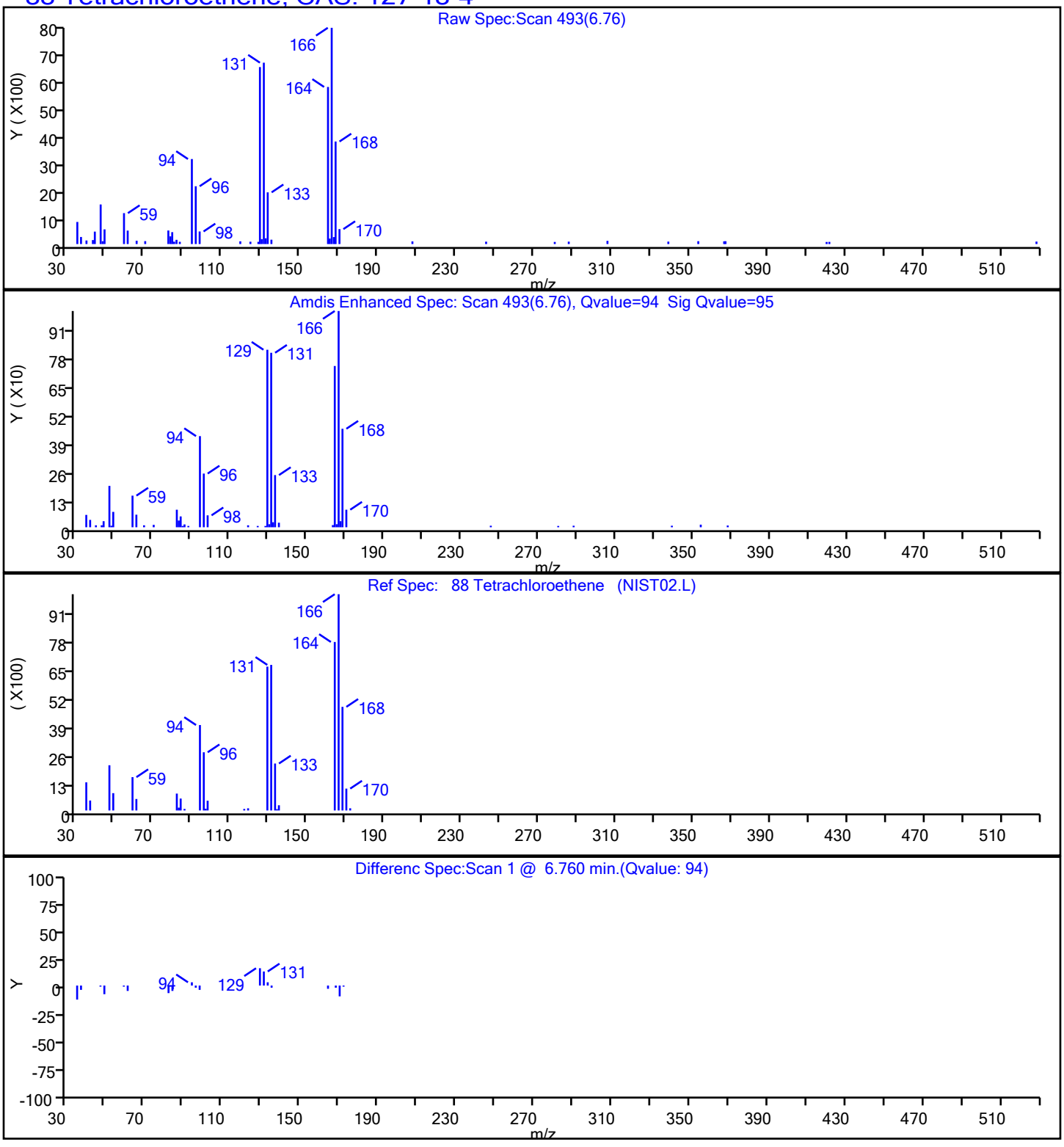
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:06:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	58.1	116.18
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.57
$ 83 Toluene-d8 (Surr)	50.0	50.0	100.07
$ 105 4-Bromofluorobenzene	50.0	51.7	103.45

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74099.D		
Injection Date:	20-Oct-2025 09:16:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-5	Lab Sample ID:	460-336983-5
Client ID:	A-02		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-336983-6

Matrix: Water | Lab File ID: K74110.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	79		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-336983-6

Matrix: Water | Lab File ID: K74110.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74110.D
Lims ID: 460-336983-B-6
Client ID: A-06
Sample Type: Client
Inject. Date: 20-Oct-2025 13:36:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-6
Misc. Info.: 460-0198102-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:15:28 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	192753	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	217567	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	95	155244	56.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	159516	55.6	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	518299	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	22526	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	563939	49.6	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	200320	79.1	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	83	432829	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	163495	50.1	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	95	235213	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

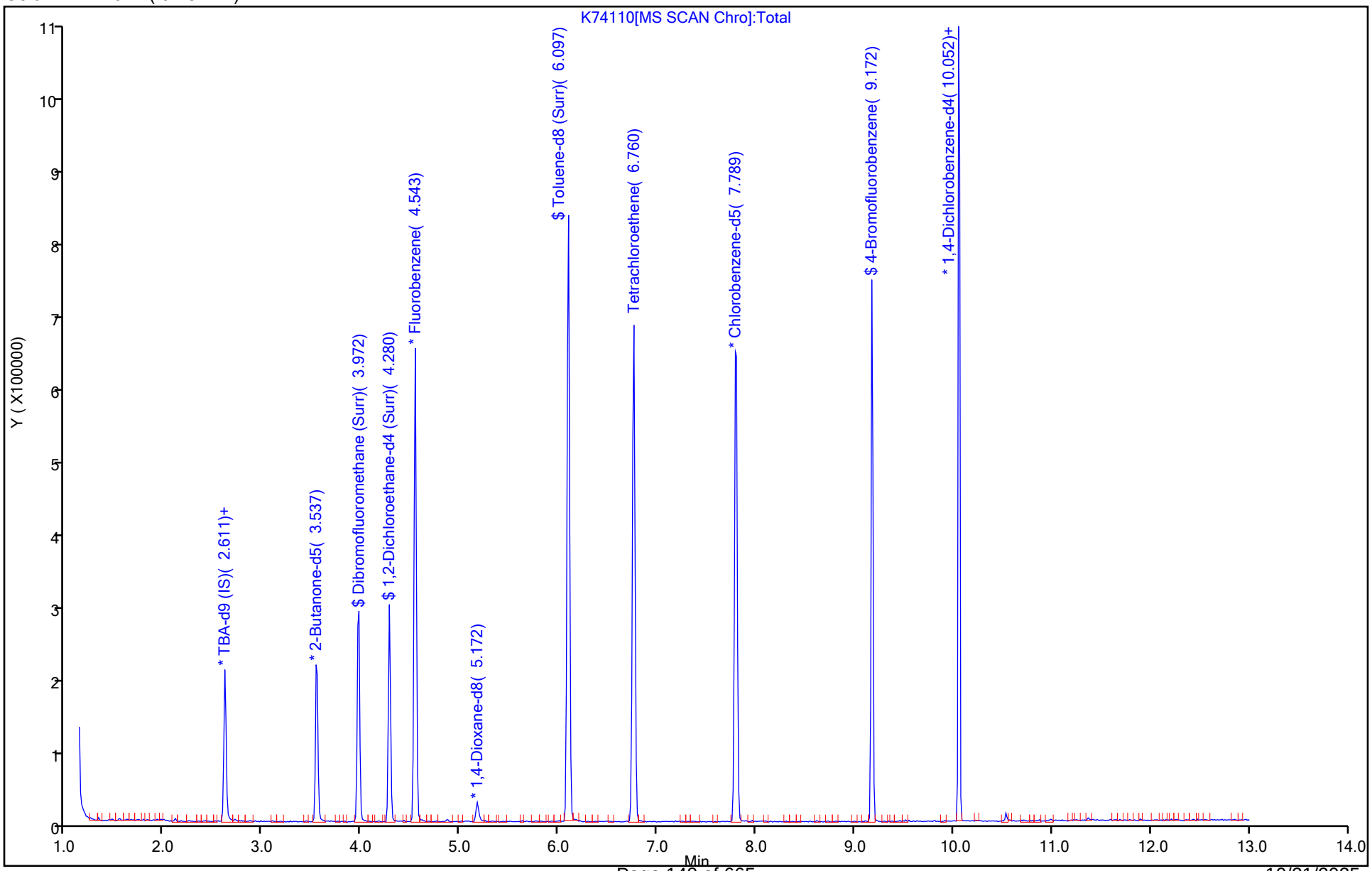
Report Date: 20-Oct-2025 19:15:29 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74110.D

Injection Date:	20-Oct-2025 13:36:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-6	Lab Sample ID:	460-336983-6	Worklist Smp#:	24
Client ID:	A-06				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74110.D
Lims ID: 460-336983-B-6
Client ID: A-06
Sample Type: Client
Inject. Date: 20-Oct-2025 13:36:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-6
Misc. Info.: 460-0198102-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:15:28 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.0	112.06
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.6	111.12
$ 83 Toluene-d8 (Surr)	50.0	49.6	99.21
$ 105 4-Bromofluorobenzene	50.0	50.1	100.15

Report Date: 20-Oct-2025 19:15:29 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74110.D

Injection Date: 20-Oct-2025 13:36:30 Instrument ID: CVOAMS9

Lims ID: 460-336983-B-6 Lab Sample ID: 460-336983-6

Client ID: A-06

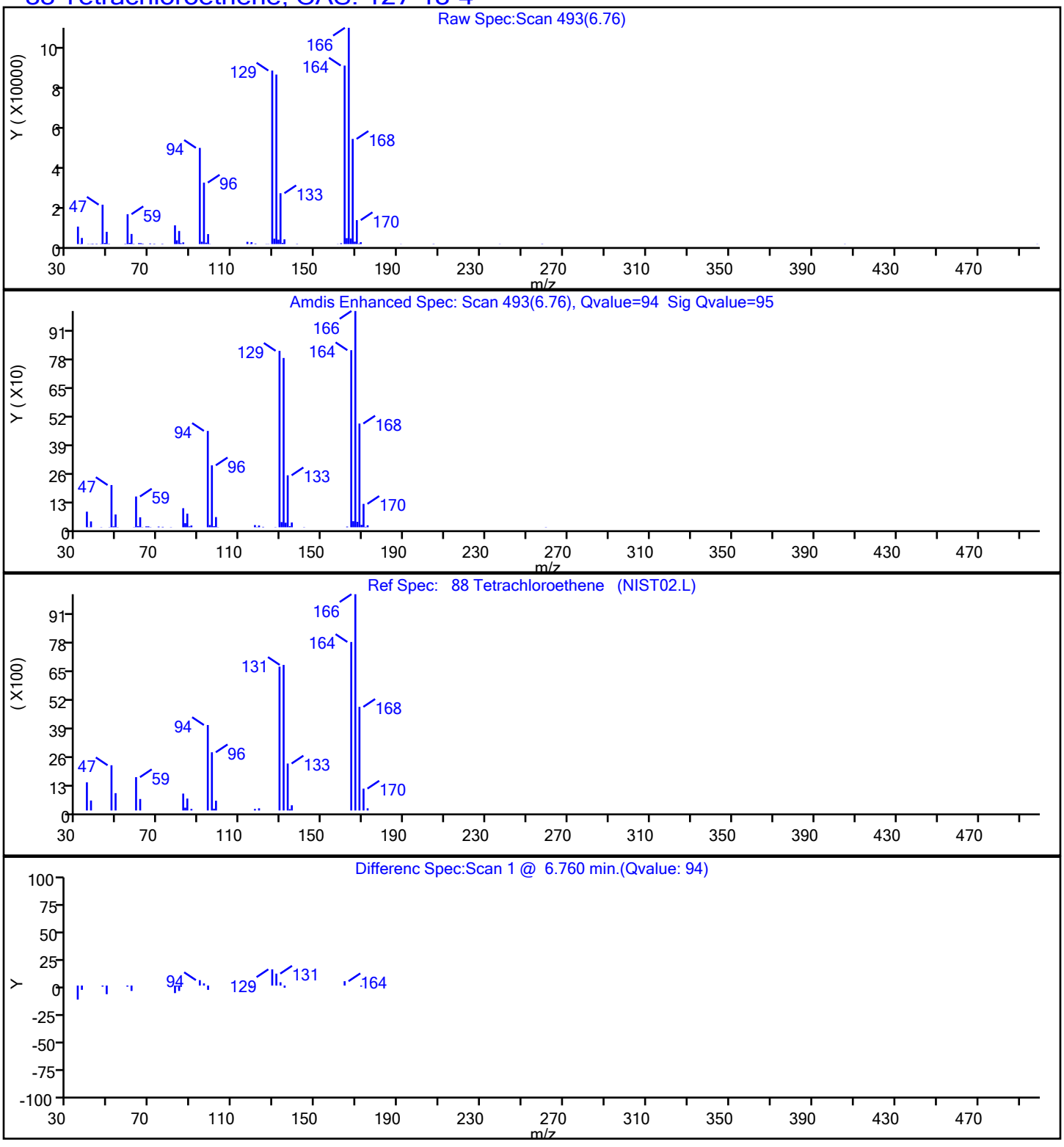
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



10/21/2025
12:14:15 PM

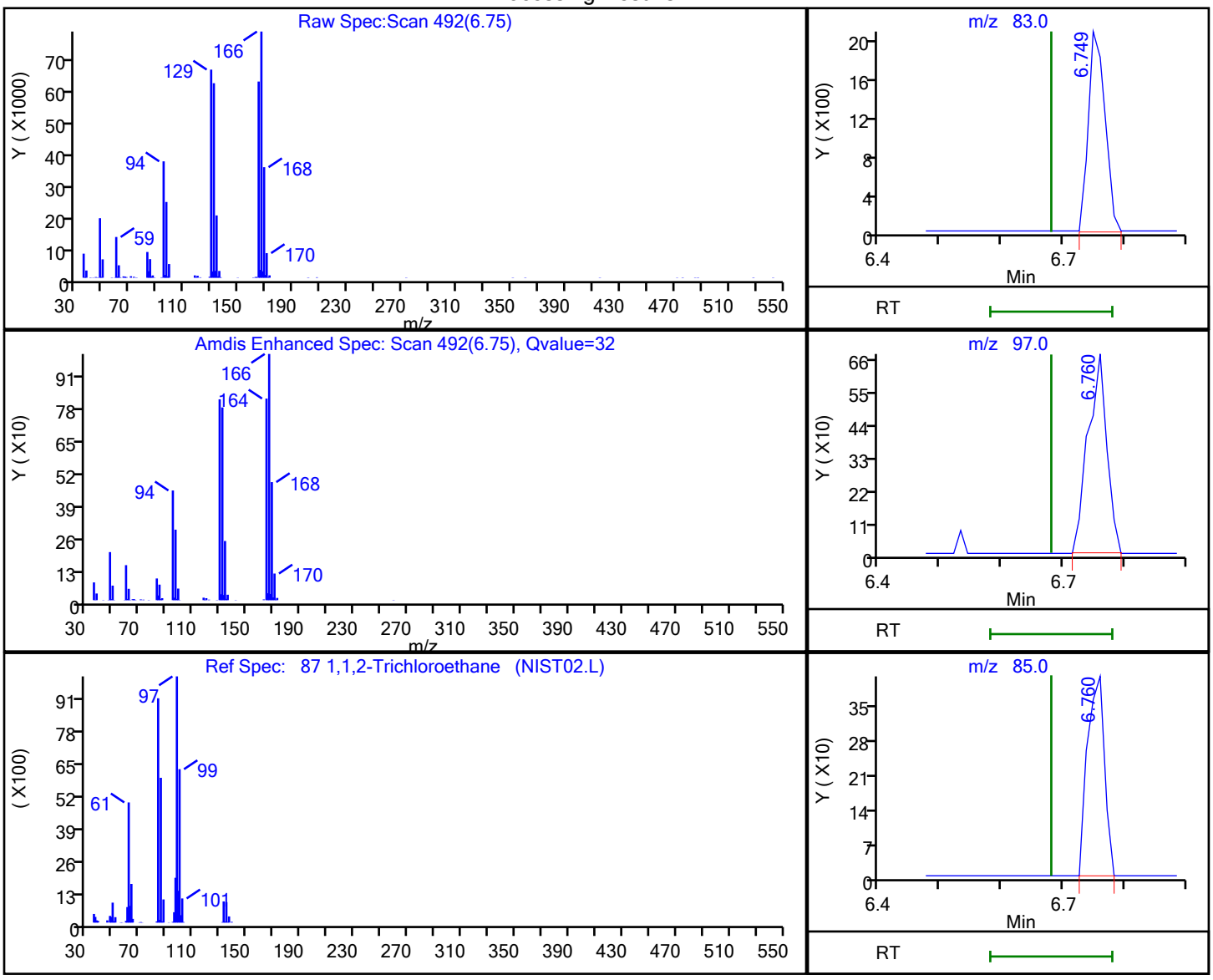
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74110.D				
Injection Date:	20-Oct-2025 13:36:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-6	Lab Sample ID:	460-336983-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.75	83.00	3949	1.705862
6.76	97.00	1456	
6.76	85.00	794	

Reviewer: HVW2, 20-Oct-2025 19:15:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-336983-7

Matrix: Water | Lab File ID: K74111.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:57

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.48	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	160		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-336983-7

Matrix: Water | Lab File ID: K74111.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:57

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 13:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D				
Lims ID:	460-336983-B-7				
Client ID:	A-066				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 13:59:30	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-7				
Misc. Info.:	460-0198102-025				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	20-Oct-2025 19:15:43	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1683				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:15:43		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.377	1.377	0.000	75	1389	0.4784	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	198778	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	209995	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	156917	56.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	163835	57.3	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	515871	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	23452	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	558375	49.5	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	414354	165.0	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	429338	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	88	167478	51.7	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	231044	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

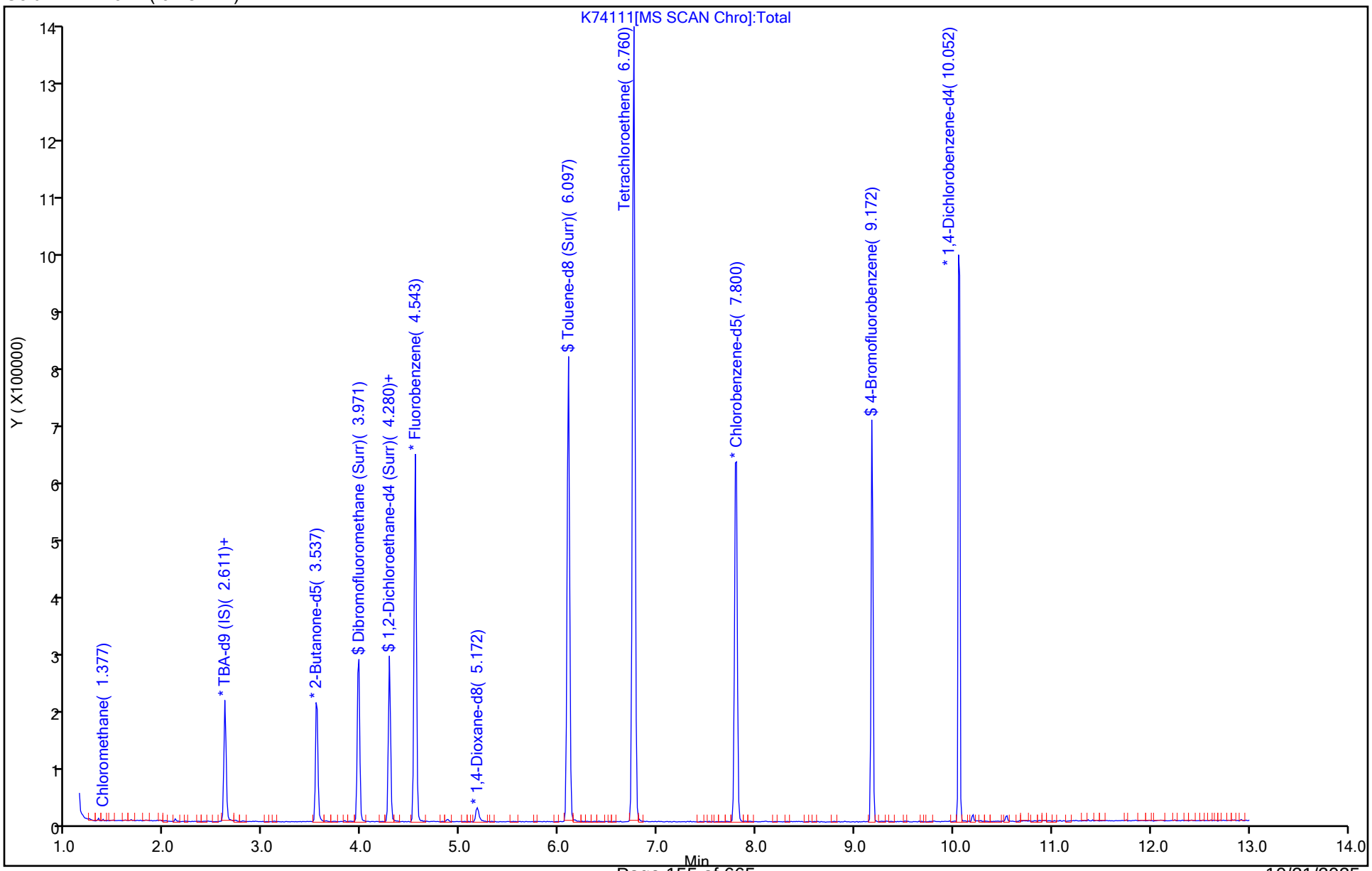
Report Date: 20-Oct-2025 19:15:44 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D

Injection Date:	20-Oct-2025 13:59:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-7	Lab Sample ID:	460-336983-7	Worklist Smp#:	25
Client ID:	A-066				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D
Lims ID: 460-336983-B-7
Client ID: A-066
Sample Type: Client
Inject. Date: 20-Oct-2025 13:59:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-7
Misc. Info.: 460-0198102-025
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:15:43 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

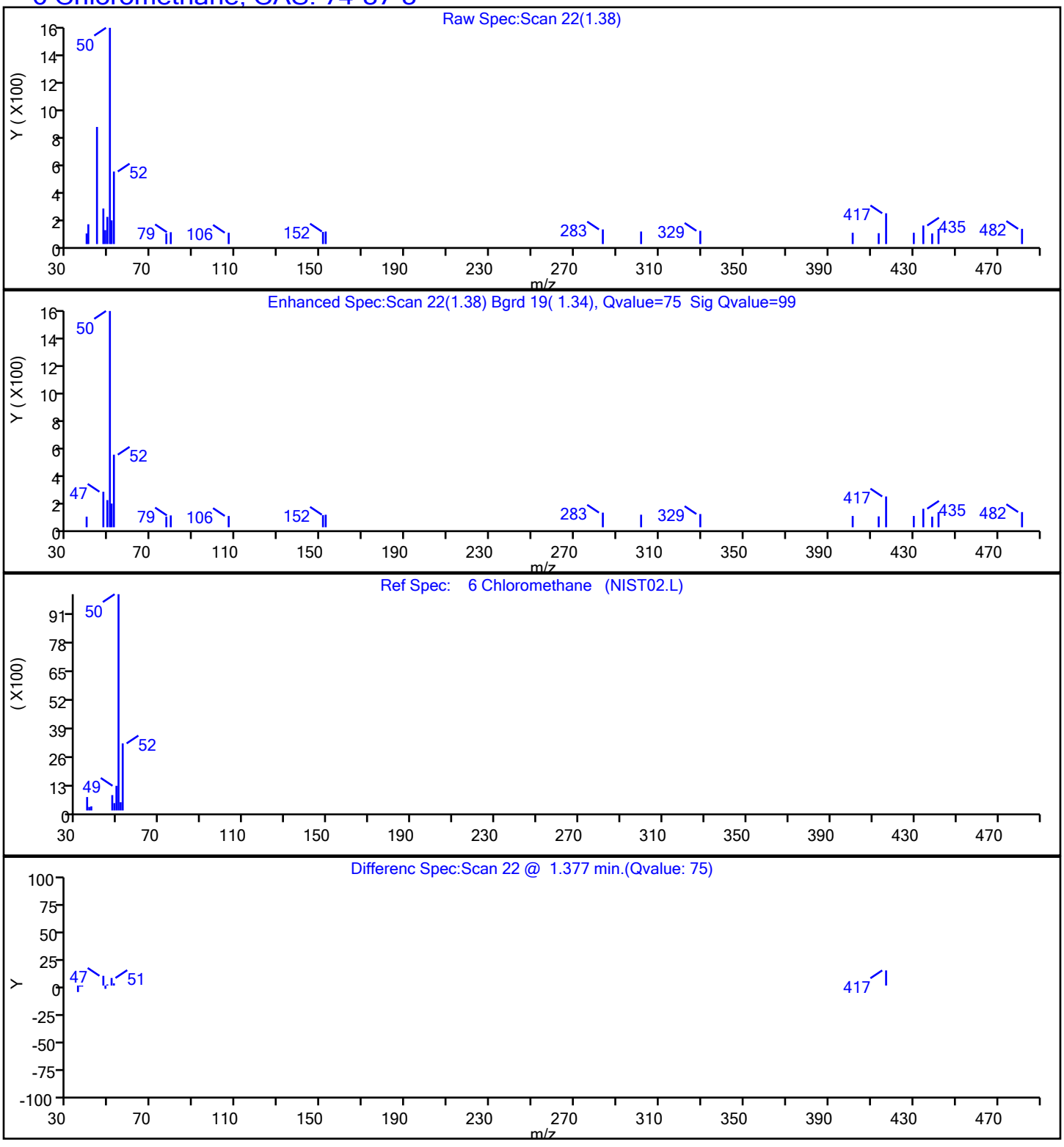
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.9	113.80
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	57.3	114.67
$ 83 Toluene-d8 (Surr)	50.0	49.5	99.03
$ 105 4-Bromofluorobenzene	50.0	51.7	103.42

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D				
Injection Date:	20-Oct-2025 13:59:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-7	Lab Sample ID:	460-336983-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

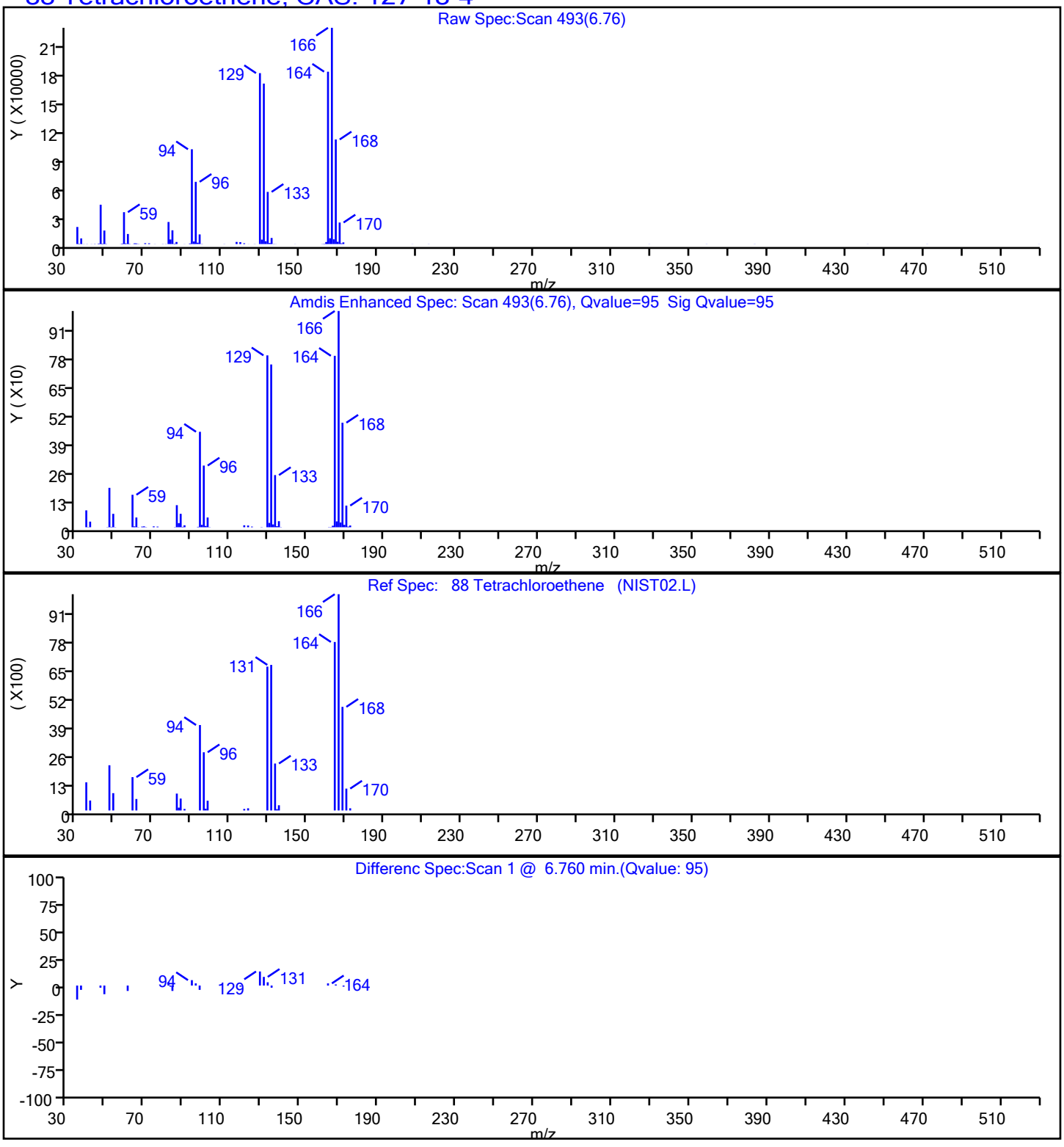
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D		
Injection Date:	20-Oct-2025 13:59:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-7	Lab Sample ID:	460-336983-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



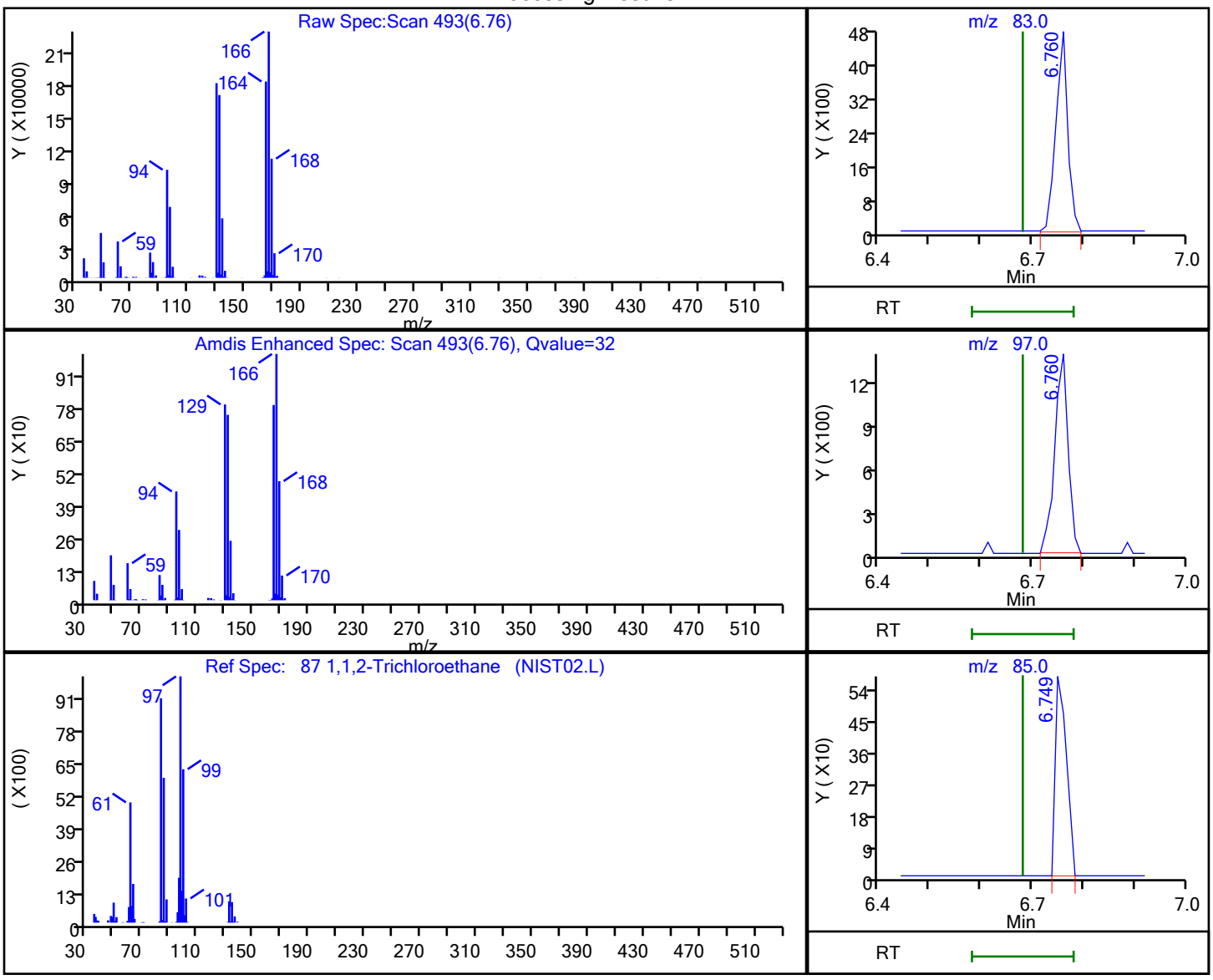
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74111.D				
Injection Date:	20-Oct-2025 13:59:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-7	Lab Sample ID:	460-336983-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.76	83.00	7602	3.469449
6.76	97.00	2554	
6.75	85.00	877	

Reviewer: HVW2, 20-Oct-2025 19:15:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-336983-8

Matrix: Water | Lab File ID: K74112.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.72	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	310		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	1.1		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-336983-8

Matrix: Water | Lab File ID: K74112.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	117		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D
Lims ID: 460-336983-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 20-Oct-2025 14:23:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-8
Misc. Info.: 460-0198102-026
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:15:56 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.377	1.377	0.000	94	2093	0.7248	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	194925	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	212887	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	160501	58.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	163081	57.4	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	513104	50.0	
67 Trichloroethene	95	4.863	4.874	-0.011	94	3014	1.12	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	28	22140	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	561741	50.0	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	775667	309.7	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	428138	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	167844	52.0	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	234645	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

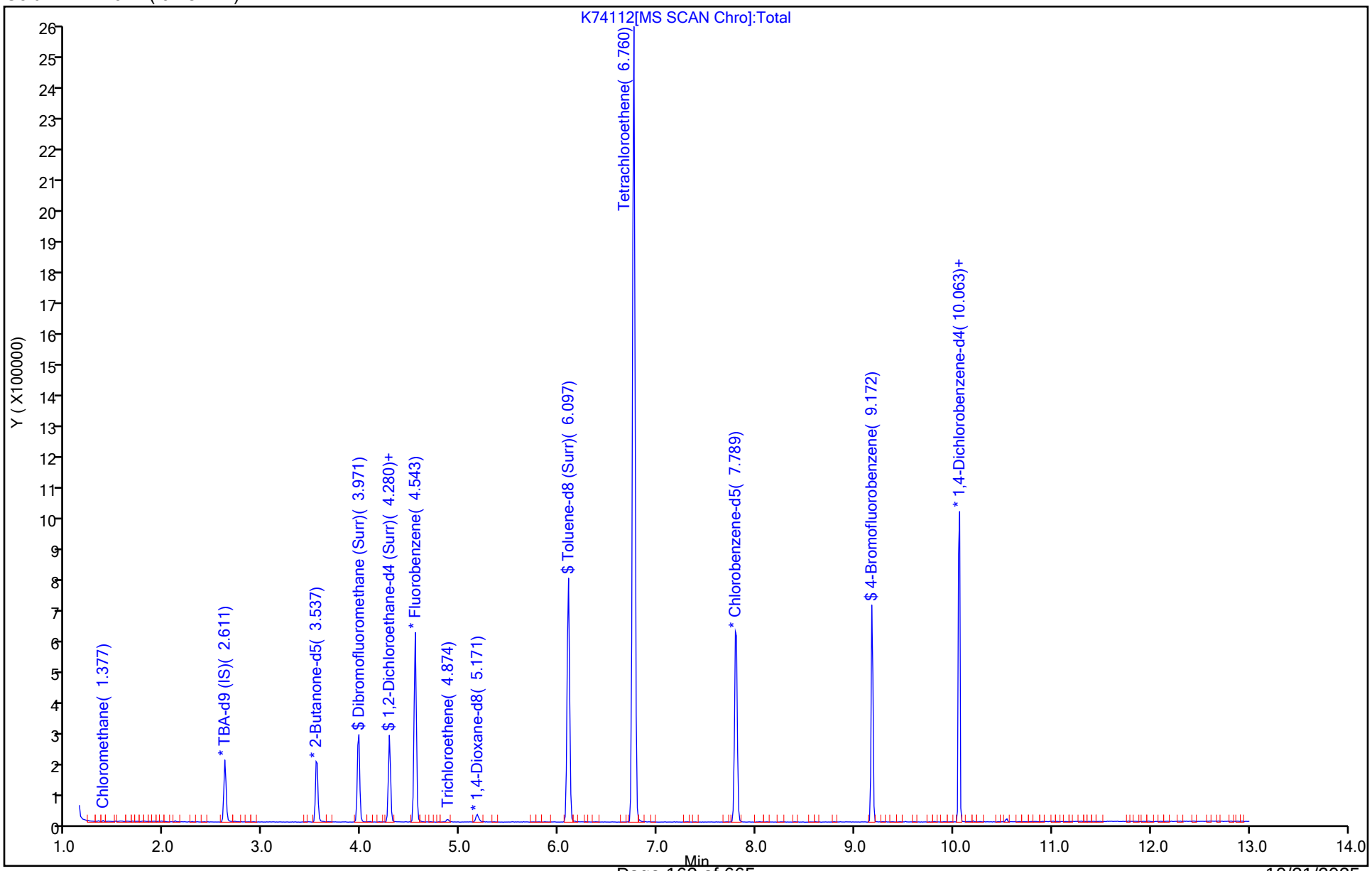
Report Date: 20-Oct-2025 19:15:57 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D

Injection Date:	20-Oct-2025 14:23:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-8	Lab Sample ID:	460-336983-8	Worklist Smp#:	26
Client ID:	A-08				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D
Lims ID: 460-336983-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 20-Oct-2025 14:23:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-8
Misc. Info.: 460-0198102-026
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:15:56 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

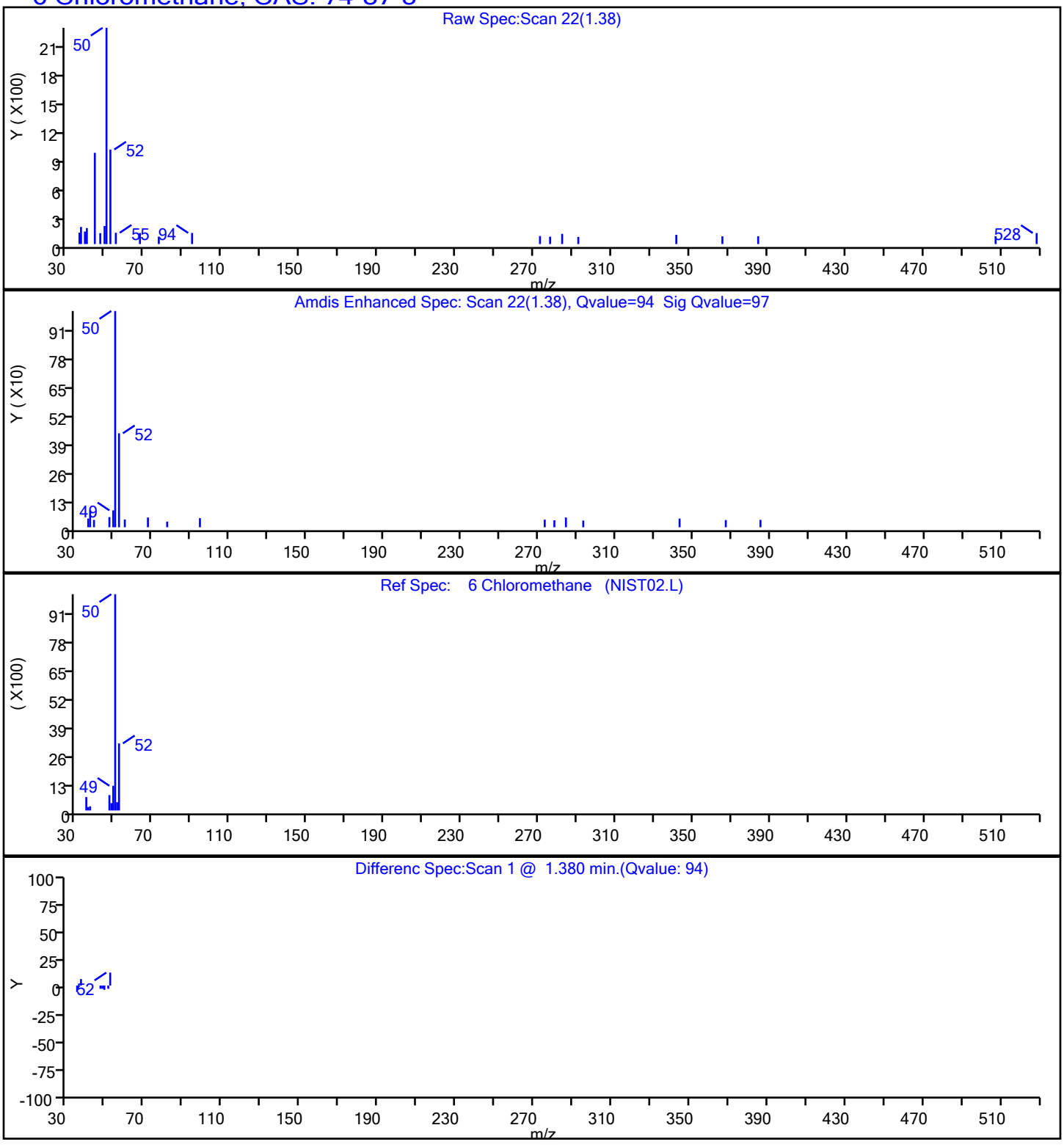
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:15:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	58.5	117.03
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	57.4	114.75
$ 83 Toluene-d8 (Surr)	50.0	50.0	99.90
$ 105 4-Bromofluorobenzene	50.0	52.0	103.94

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D				
Injection Date:	20-Oct-2025 14:23:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-8	Lab Sample ID:	460-336983-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

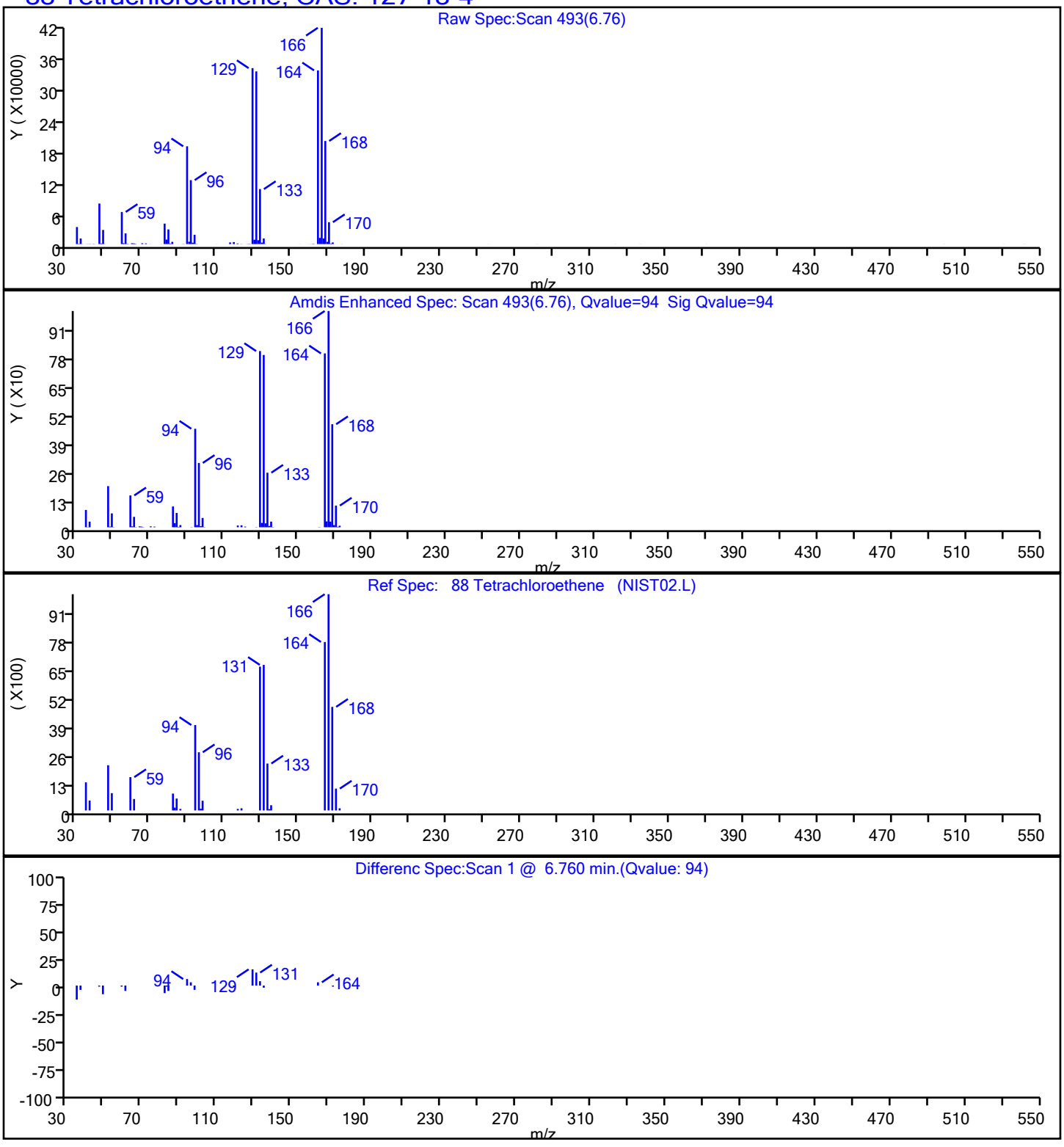
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D		
Injection Date:	20-Oct-2025 14:23:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-8	Lab Sample ID:	460-336983-8
Client ID:	A-08		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

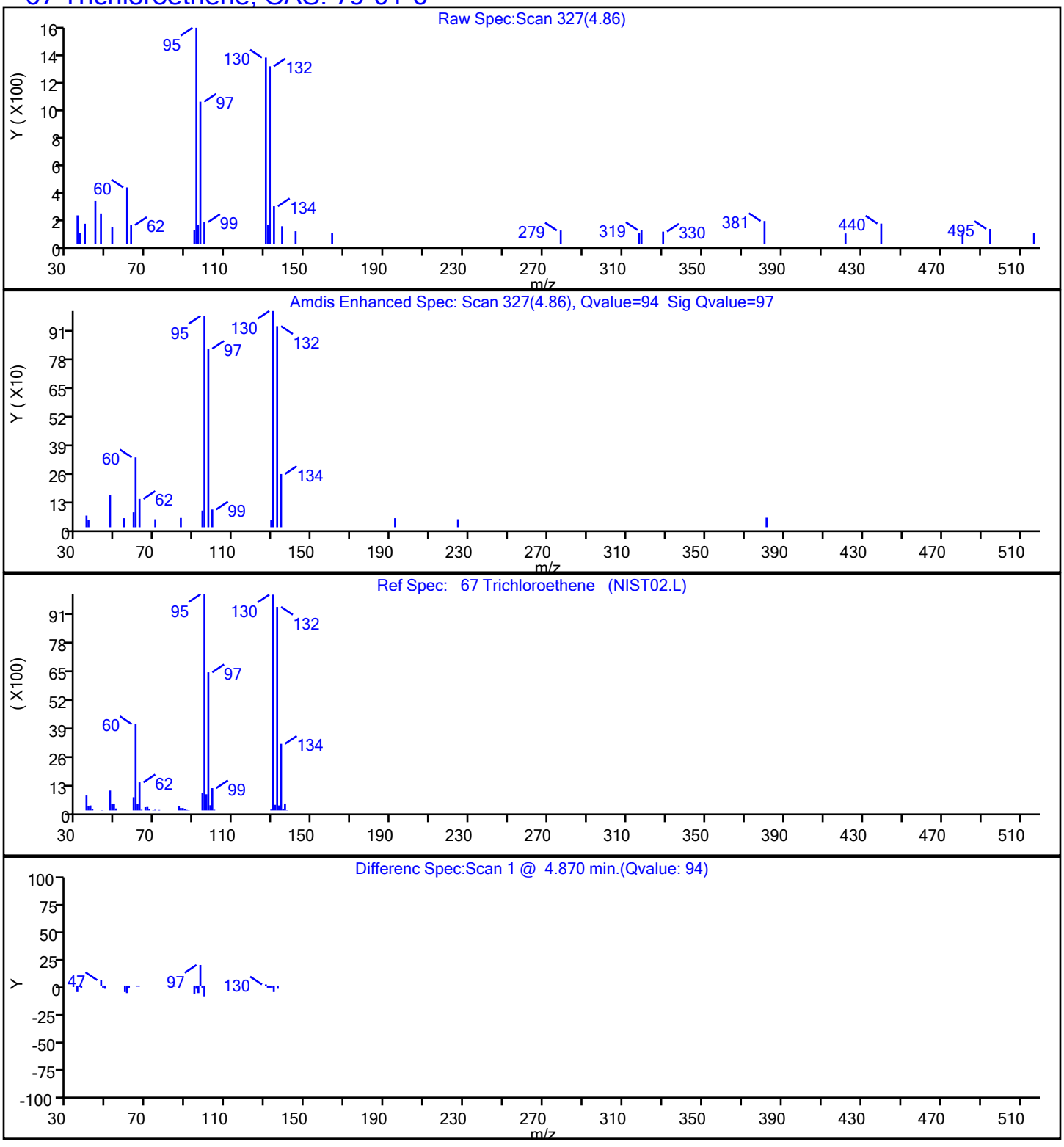
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D		
Injection Date:	20-Oct-2025 14:23:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-8	Lab Sample ID:	460-336983-8
Client ID:	A-08		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



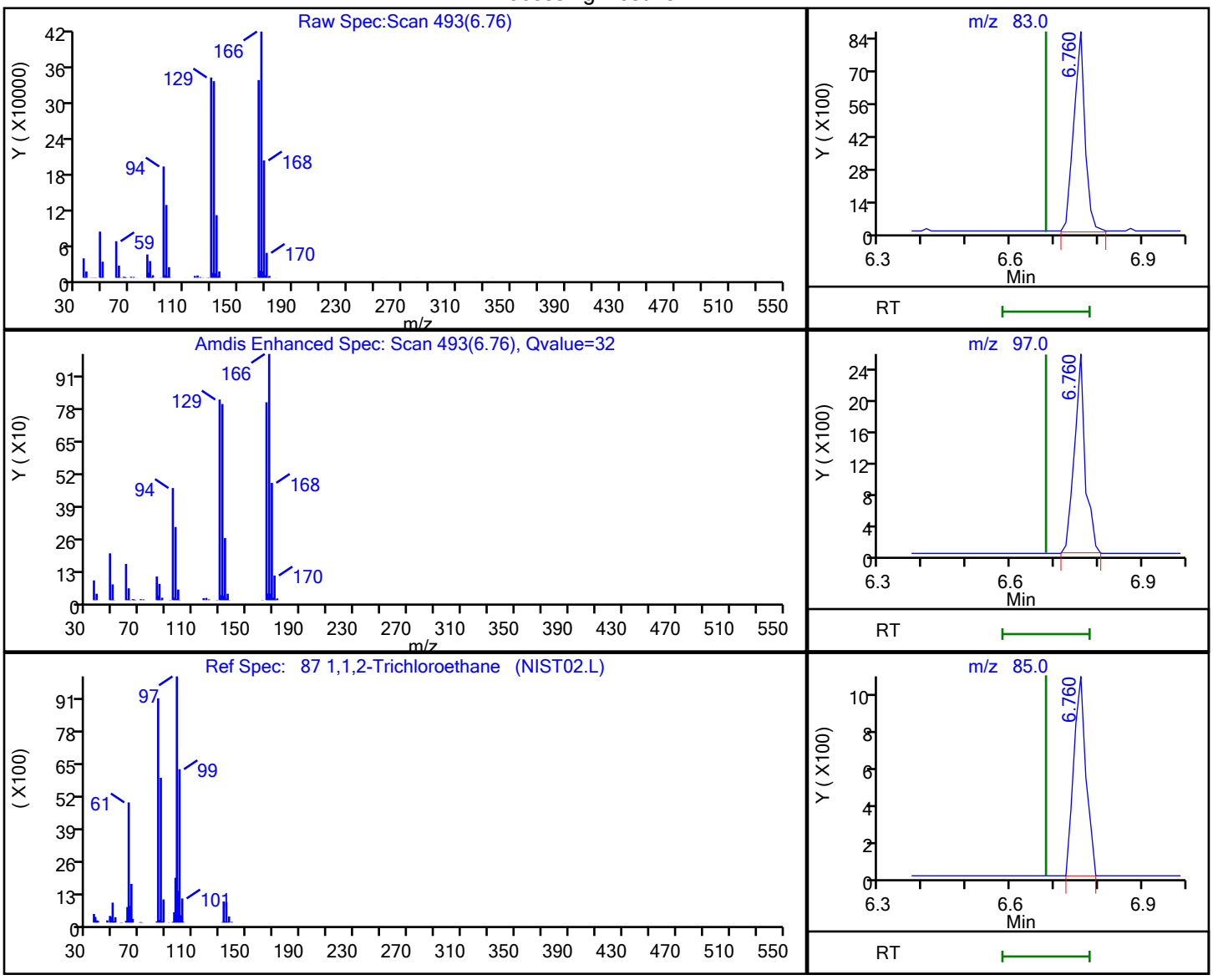
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74112.D				
Injection Date:	20-Oct-2025 14:23:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-8	Lab Sample ID:	460-336983-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.76	83.00	15424	7.233787
6.76	97.00	4412	
6.76	85.00	2012	

Reviewer: HVW2, 20-Oct-2025 19:15:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-336983-9

Matrix: Water | Lab File ID: K74113.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 14:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	5.5		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-336983-9

Matrix: Water | Lab File ID: K74113.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 14:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	117		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74113.D
Lims ID: 460-336983-B-9
Client ID: A-07
Sample Type: Client
Inject. Date: 20-Oct-2025 14:47:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-9
Misc. Info.: 460-0198102-027
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2025 00:36:59 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:16:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	183847	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	206964	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	160230	58.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	162036	56.9	
* 65 Fluorobenzene	96	4.543	4.543	0.000	100	513873	50.0	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	28	21327	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	551191	49.4	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	13660	5.49	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	85	425179	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	90	163090	50.8	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	230964	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

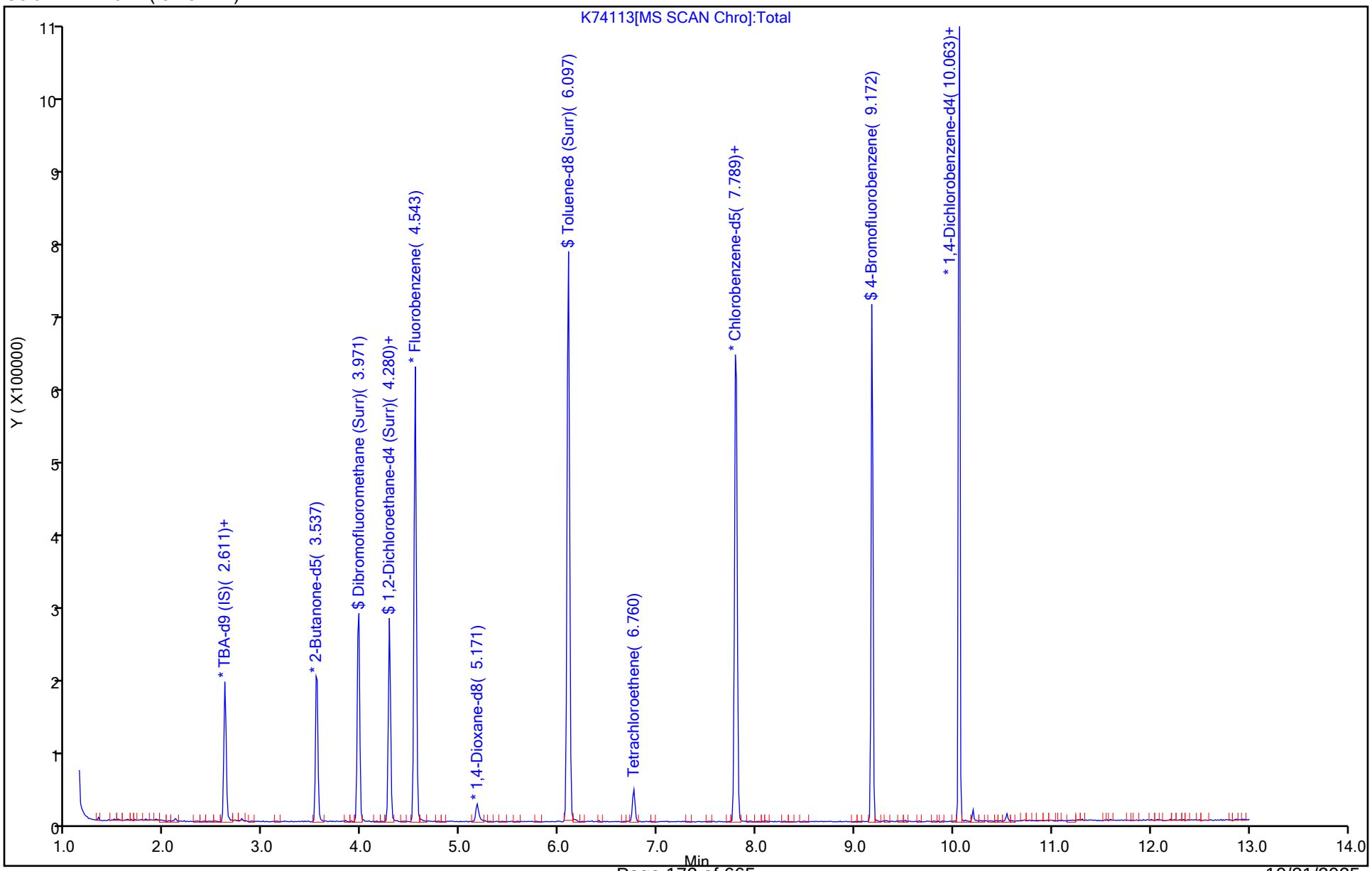
Report Date: 21-Oct-2025 00:37:00 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74113.D

Injection Date:	20-Oct-2025 14:47:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-9	Lab Sample ID:	460-336983-9	Worklist Smp#:	27
Client ID:	A-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74113.D
Lims ID: 460-336983-B-9
Client ID: A-07
Sample Type: Client
Inject. Date: 20-Oct-2025 14:47:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-9
Misc. Info.: 460-0198102-027
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Oct-2025 00:36:59 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

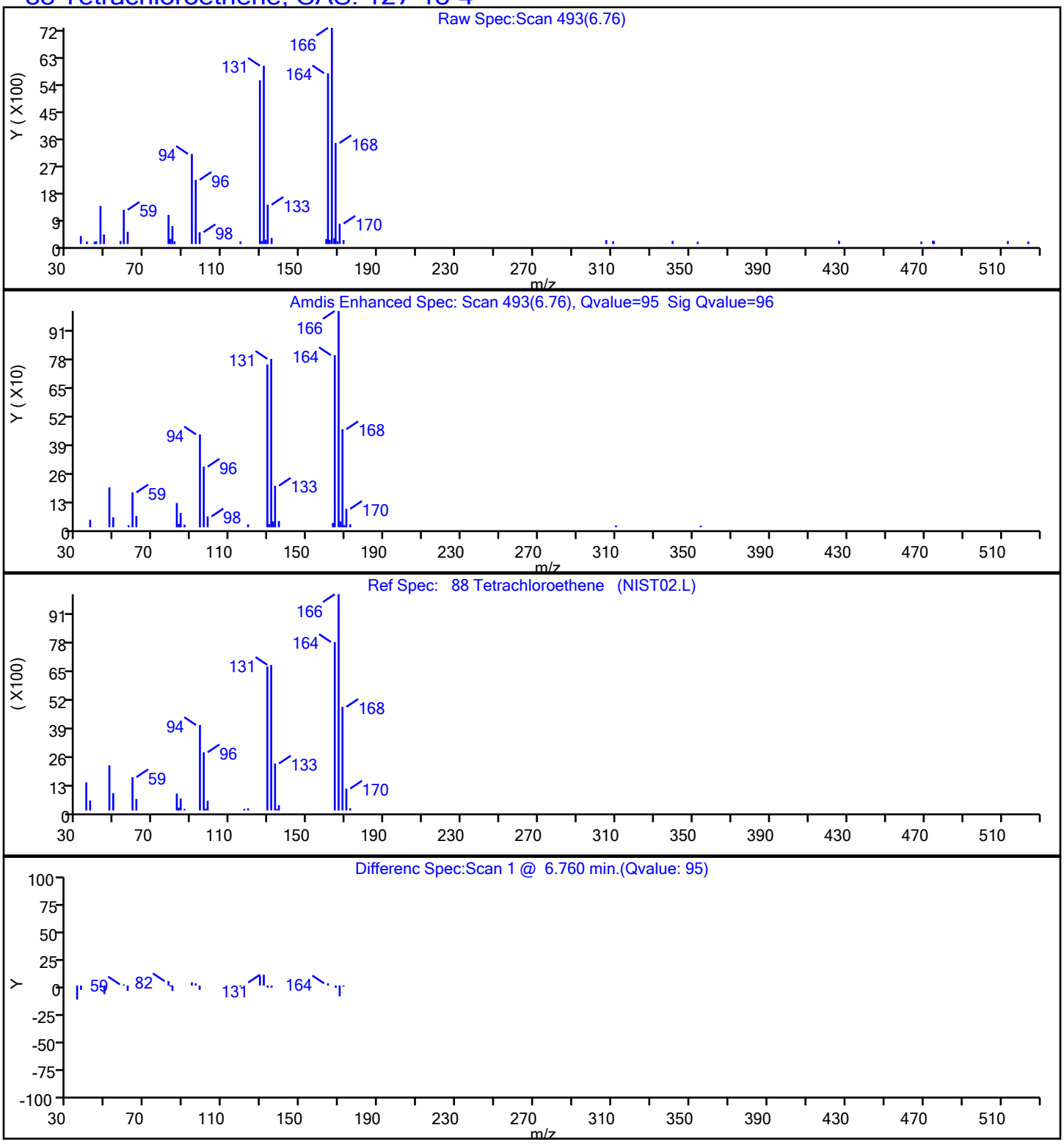
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:16:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	58.3	116.66
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.9	113.85
$ 83 Toluene-d8 (Surr)	50.0	49.4	98.71
$ 105 4-Bromofluorobenzene	50.0	50.8	101.70

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74113.D		
Injection Date:	20-Oct-2025 14:47:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-9	Lab Sample ID:	460-336983-9
Client ID:	A-07		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



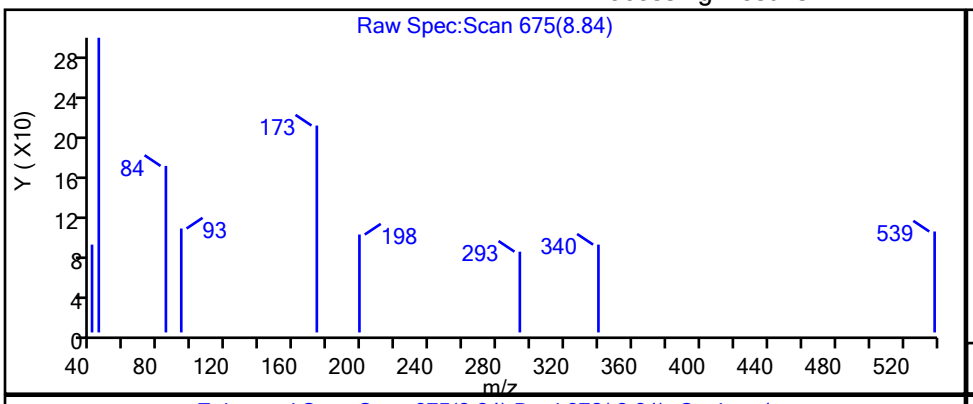
User Disabled Compound Report

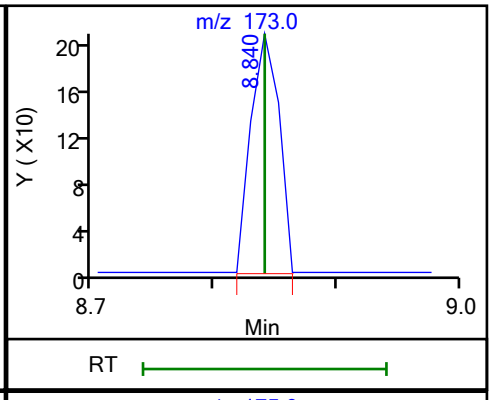
Eurofins Edison

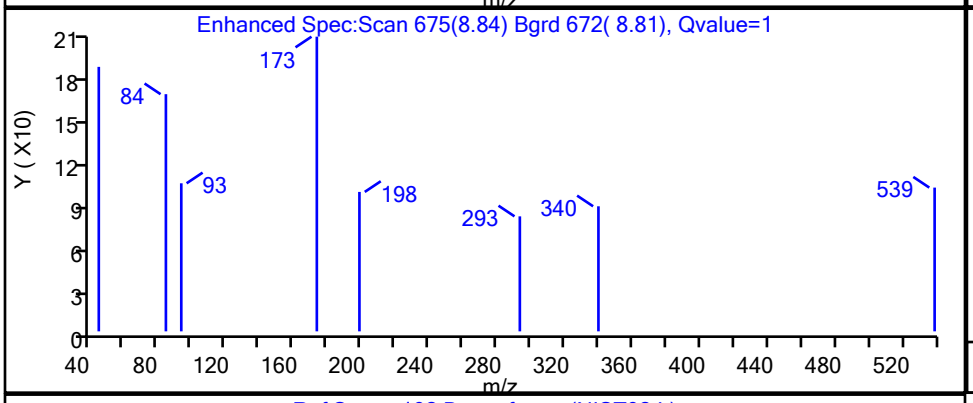
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74113.D				
Injection Date:	20-Oct-2025 14:47:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-9	Lab Sample ID:	460-336983-9		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

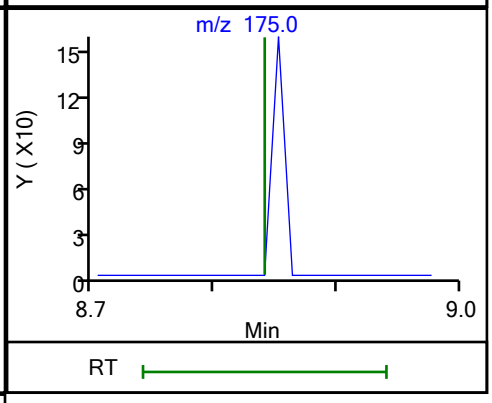
102 Bromoform, CAS: 75-25-2

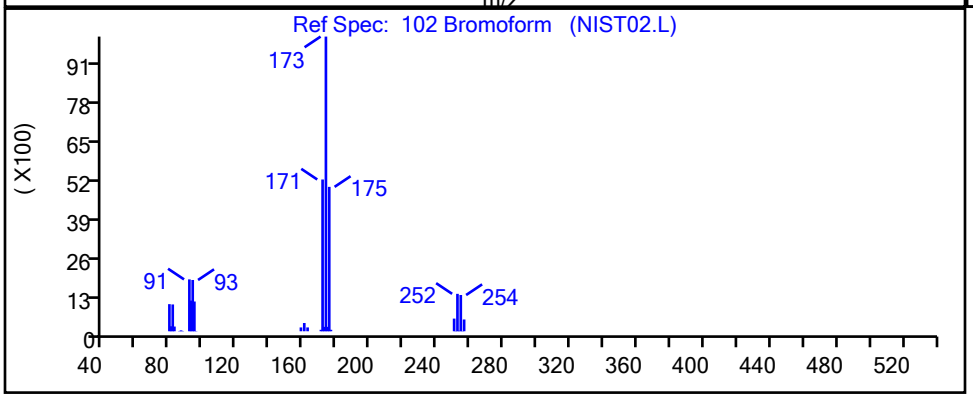
Processing Results











RT	Mass	Response	Amount
8.84	173.00	330	0.188402
8.84	175.00	0	

Reviewer: PUV6, 21-Oct-2025 00:36:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-336983-10

Matrix: Water | Lab File ID: K74114.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:58

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	60		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-336983-10

Matrix: Water | Lab File ID: K74114.D

Analysis Method: 8260D | Date Collected: 10/08/2025 12:58

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74114.D				
Lims ID:	460-336983-B-10				
Client ID:	A-05				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 15:10:30	ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-10				
Misc. Info.:	460-0198102-028				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	20-Oct-2025 19:16:25	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1683				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:16:25		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	100	176439	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	201368	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	158787	58.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	160855	56.8	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	511157	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	18750	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	551401	49.3	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	149463	60.0	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	425645	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	163179	50.8	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	95	232589	50.0	

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

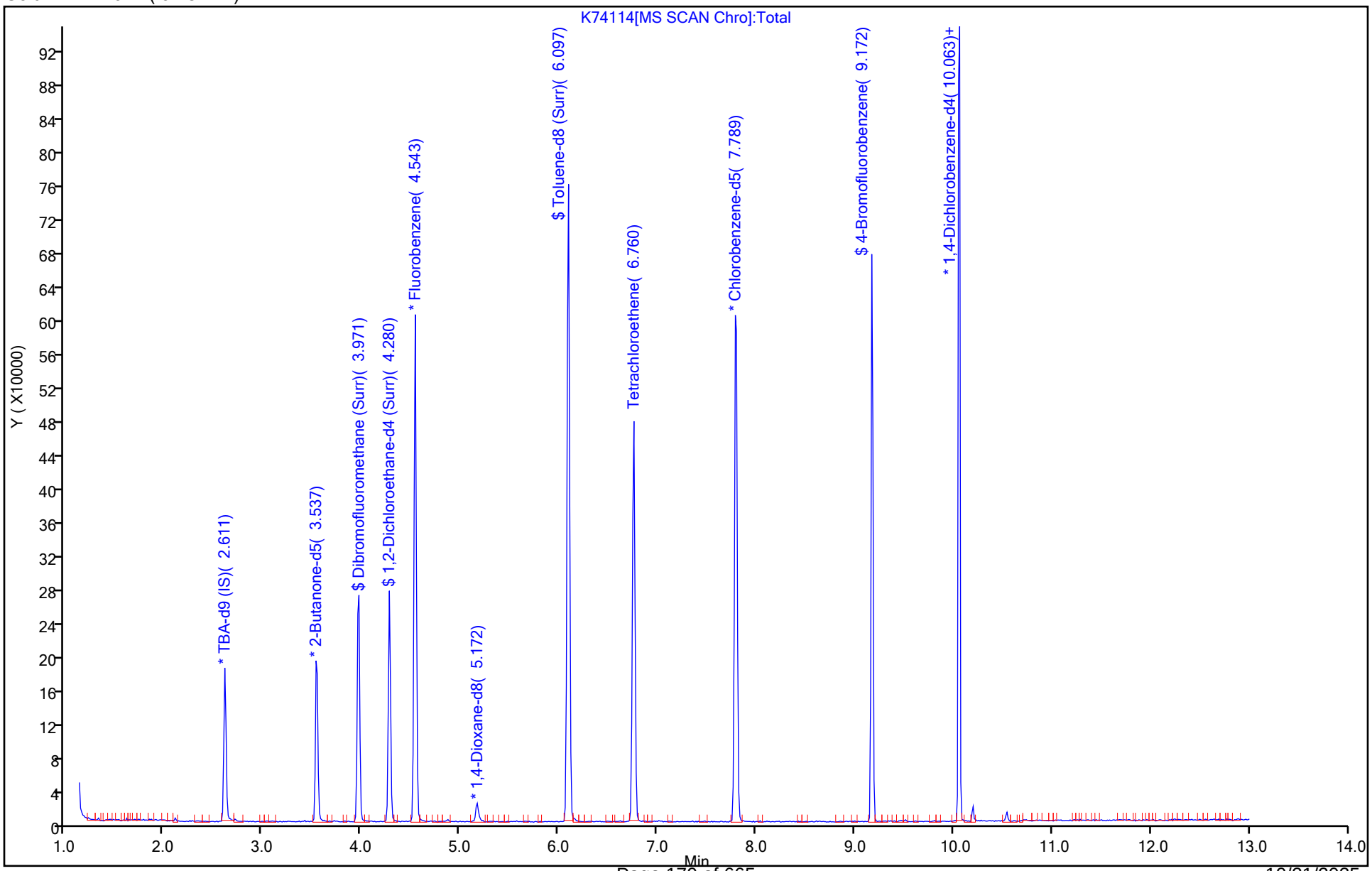
Report Date: 20-Oct-2025 19:16:25 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74114.D

Injection Date:	20-Oct-2025 15:10:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-10	Lab Sample ID:	460-336983-10	Worklist Smp#:	28
Client ID:	A-05				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74114.D
Lims ID: 460-336983-B-10
Client ID: A-05
Sample Type: Client
Inject. Date: 20-Oct-2025 15:10:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-10
Misc. Info.: 460-0198102-028
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:16:25 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

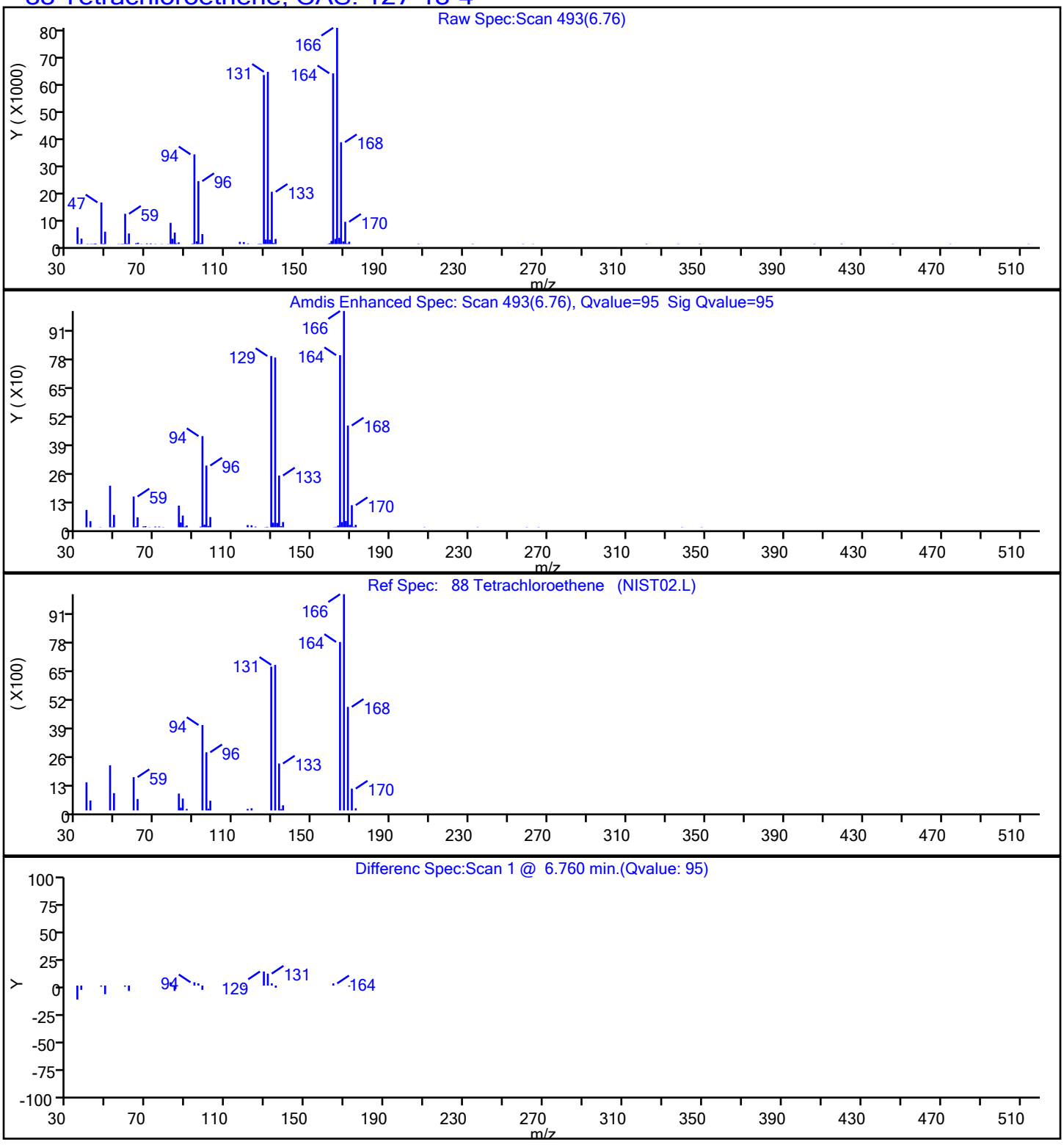
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:16:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	58.1	116.22
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.8	113.62
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.64
$ 105 4-Bromofluorobenzene	50.0	50.8	101.64

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74114.D
Injection Date: 20-Oct-2025 15:10:30 Instrument ID: CVOAMS9
Lims ID: 460-336983-B-10 Lab Sample ID: 460-336983-10
Client ID: A-05
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



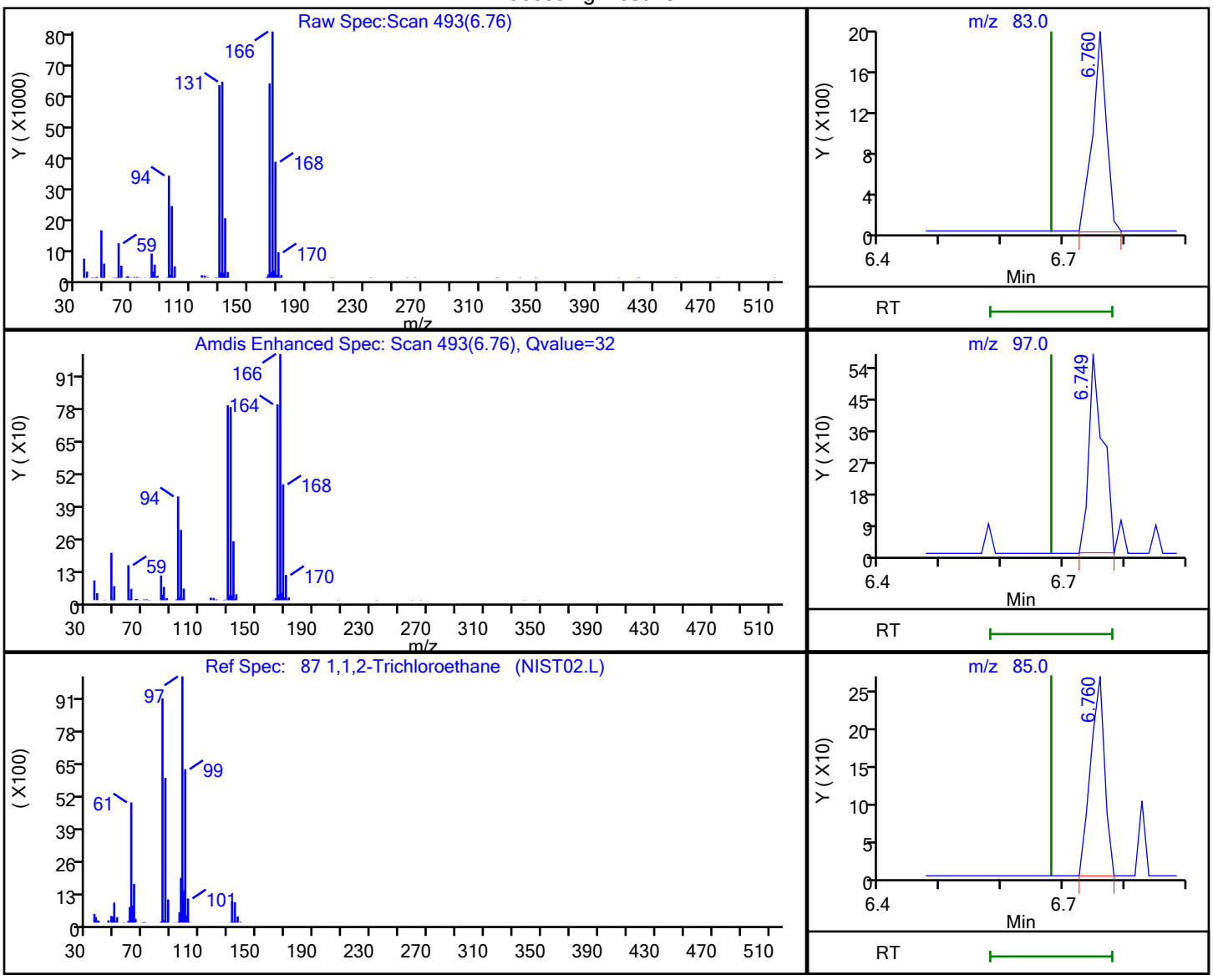
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74114.D				
Injection Date:	20-Oct-2025 15:10:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-10	Lab Sample ID:	460-336983-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.76	83.00	3048	1.302540
6.75	97.00	922	
6.76	85.00	417	

Reviewer: HVW2, 20-Oct-2025 19:16:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-336983-11

Matrix: Water | Lab File ID: K74115.D

Analysis Method: 8260D | Date Collected: 10/08/2025 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	5.8		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-336983-11

Matrix: Water | Lab File ID: K74115.D

Analysis Method: 8260D | Date Collected: 10/08/2025 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74115.D				
Lims ID:	460-336983-B-11				
Client ID:	A-09				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 15:34:30	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-11				
Misc. Info.:	460-0198102-029				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Oct-2025 00:36:59	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1678				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:16:35		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	188618	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	209738	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	95	157727	56.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	159555	55.5	
* 65 Fluorobenzene	96	4.543	4.543	0.000	100	519160	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	21596	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	98	560711	49.8	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	14447	5.77	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	428303	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	88	162987	50.4	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	233642	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

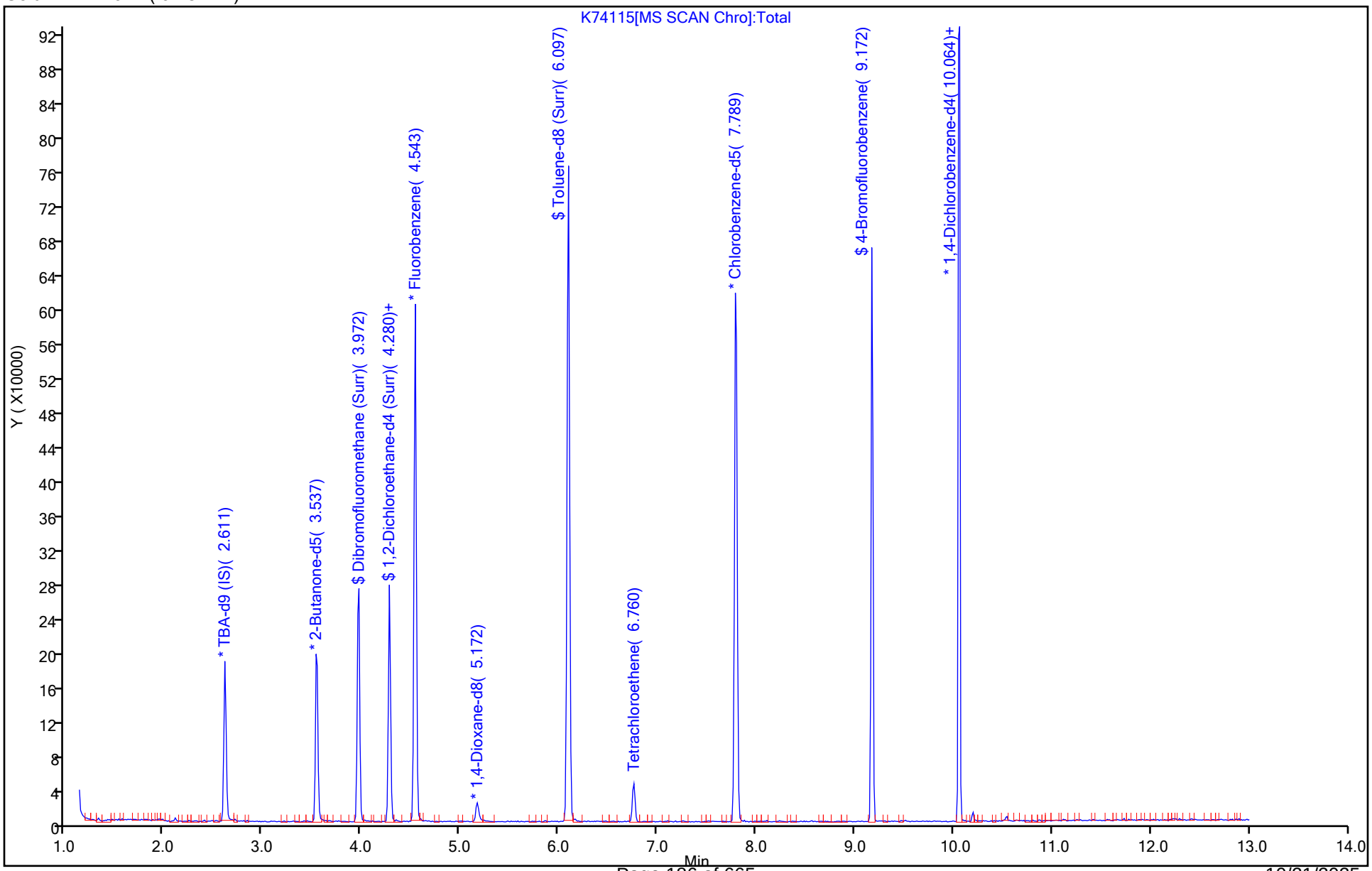
Report Date: 21-Oct-2025 00:38:12 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74115.D

Injection Date:	20-Oct-2025 15:34:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-11	Lab Sample ID:	460-336983-11	Worklist Smp#:	29
Client ID:	A-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74115.D				
Lims ID:	460-336983-B-11				
Client ID:	A-09				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 15:34:30	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-11				
Misc. Info.:	460-0198102-029				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Oct-2025 00:36:59	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1678				

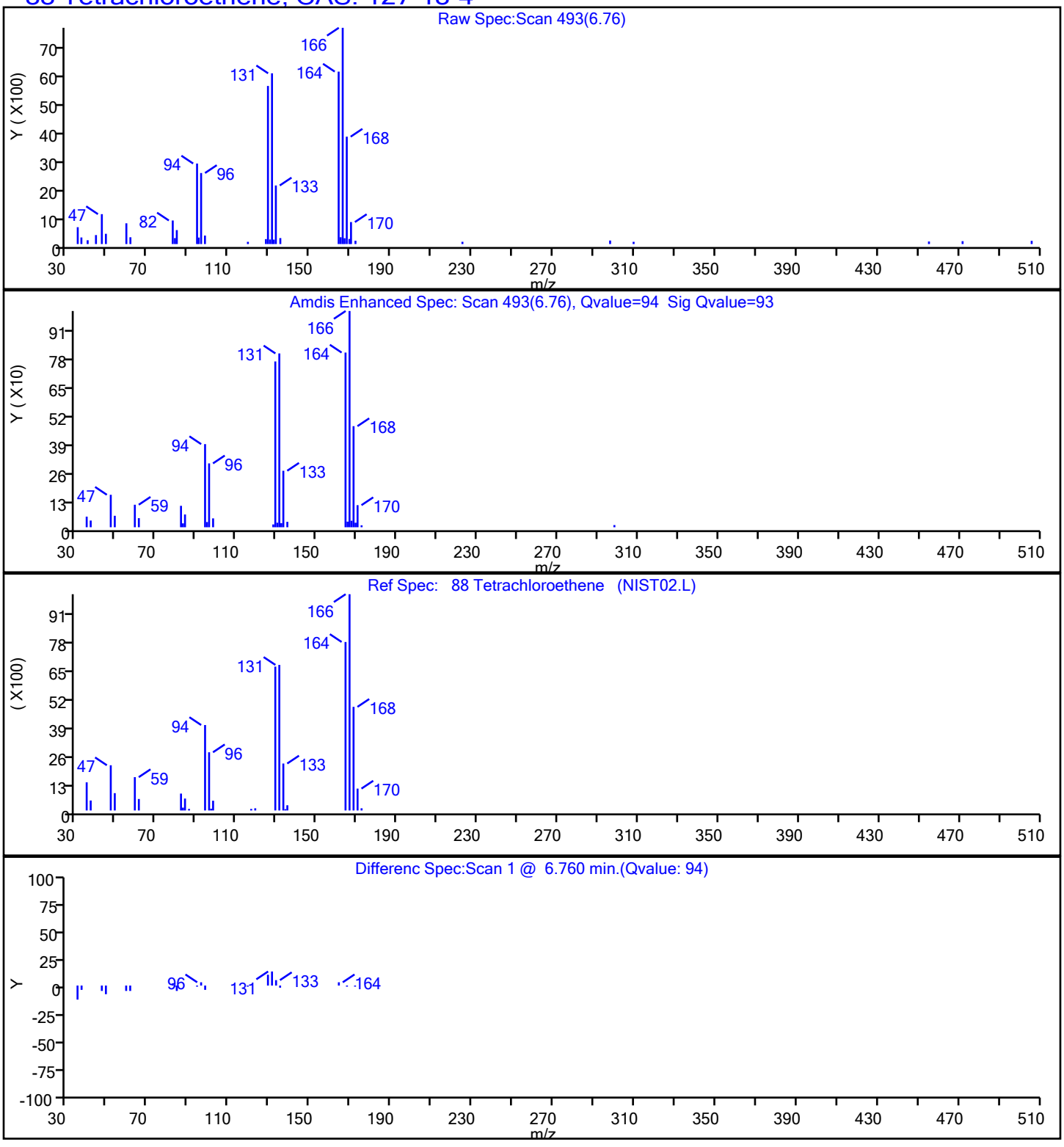
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:16:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.8	113.67
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	110.96
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.68
$ 105 4-Bromofluorobenzene	50.0	50.4	100.89

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74115.D		
Injection Date:	20-Oct-2025 15:34:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-11	Lab Sample ID:	460-336983-11
Client ID:	A-09		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-336983-12

Matrix: Water | Lab File ID: K74116.D

Analysis Method: 8260D | Date Collected: 10/08/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	21		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.94		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-336983-12

Matrix: Water | Lab File ID: K74116.D

Analysis Method: 8260D | Date Collected: 10/08/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 15:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D
Lims ID: 460-336983-B-12
Client ID: A-10
Sample Type: Client
Inject. Date: 20-Oct-2025 15:57:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-12
Misc. Info.: 460-0198102-030
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:20:25 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:20:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	184034	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	203360	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	96	153617	57.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	158986	57.2	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	502104	50.0	
67 Trichloroethene	95	4.863	4.874	-0.011	93	2474	0.9377	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	21755	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	551450	49.0	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	51502	20.5	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	428730	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	163873	50.7	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	230814	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

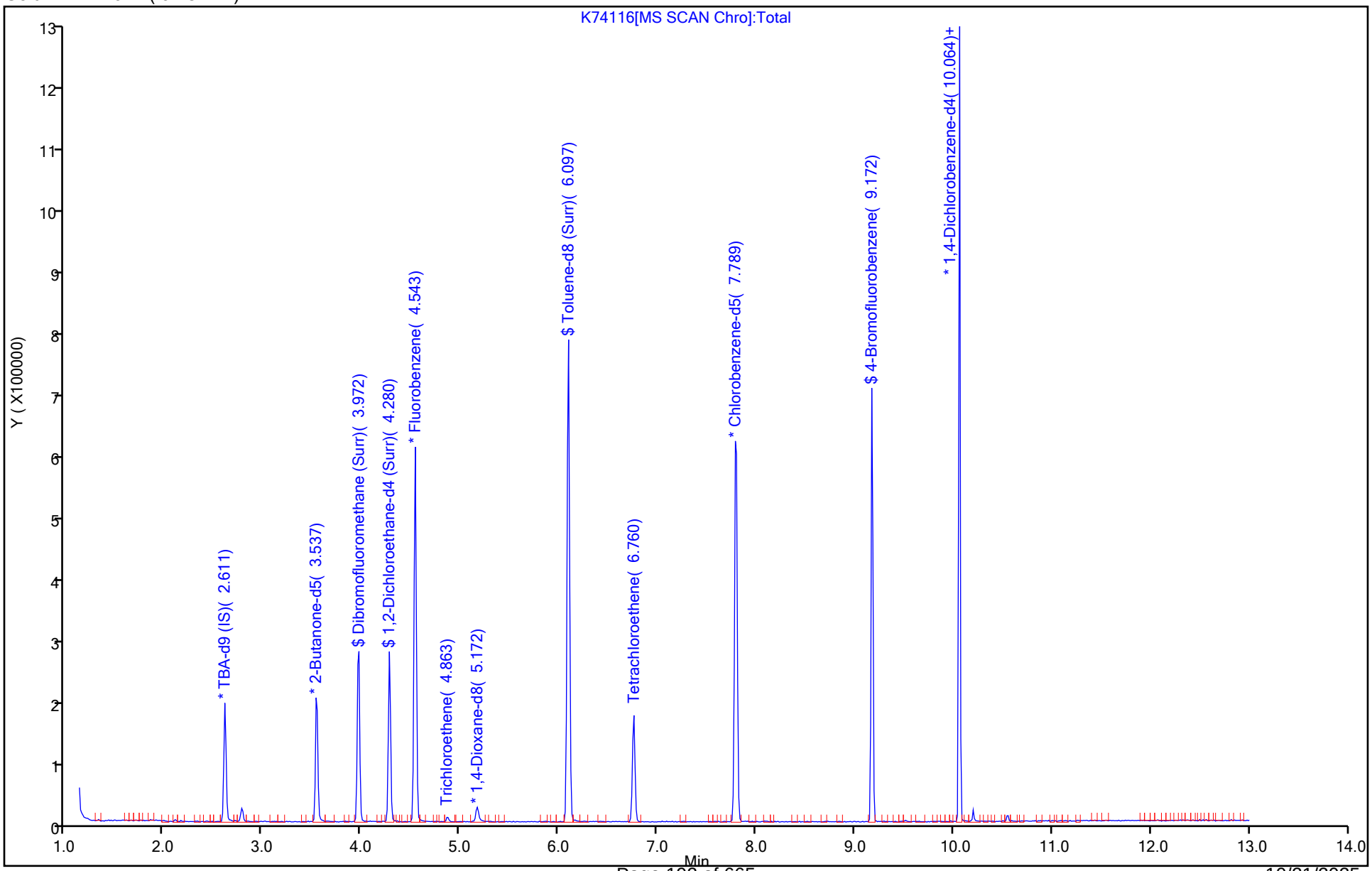
Report Date: 20-Oct-2025 19:20:26 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D

Injection Date:	20-Oct-2025 15:57:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-12	Lab Sample ID:	460-336983-12	Worklist Smp#:	30
Client ID:	A-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D
Lims ID: 460-336983-B-12
Client ID: A-10
Sample Type: Client
Inject. Date: 20-Oct-2025 15:57:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-12
Misc. Info.: 460-0198102-030
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:20:25 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

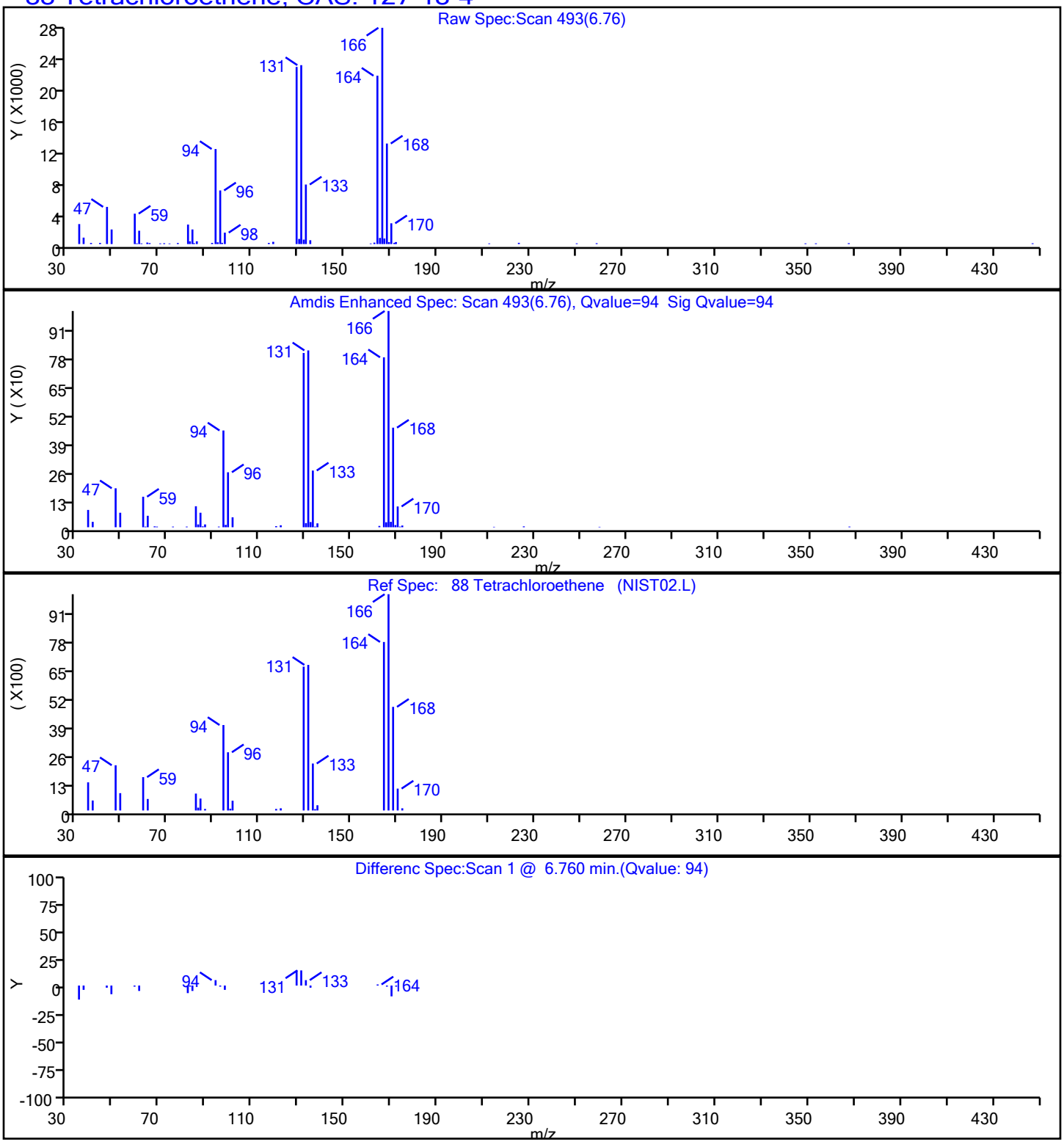
First Level Reviewer: HVW2 Date: 20-Oct-2025 19:20:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	57.2	114.47
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	57.2	114.32
$ 83 Toluene-d8 (Surr)	50.0	49.0	97.94
$ 105 4-Bromofluorobenzene	50.0	50.7	101.34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D		
Injection Date:	20-Oct-2025 15:57:30	Instrument ID:	CVOAMS9
Lims ID:	460-336983-B-12	Lab Sample ID:	460-336983-12
Client ID:	A-10		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

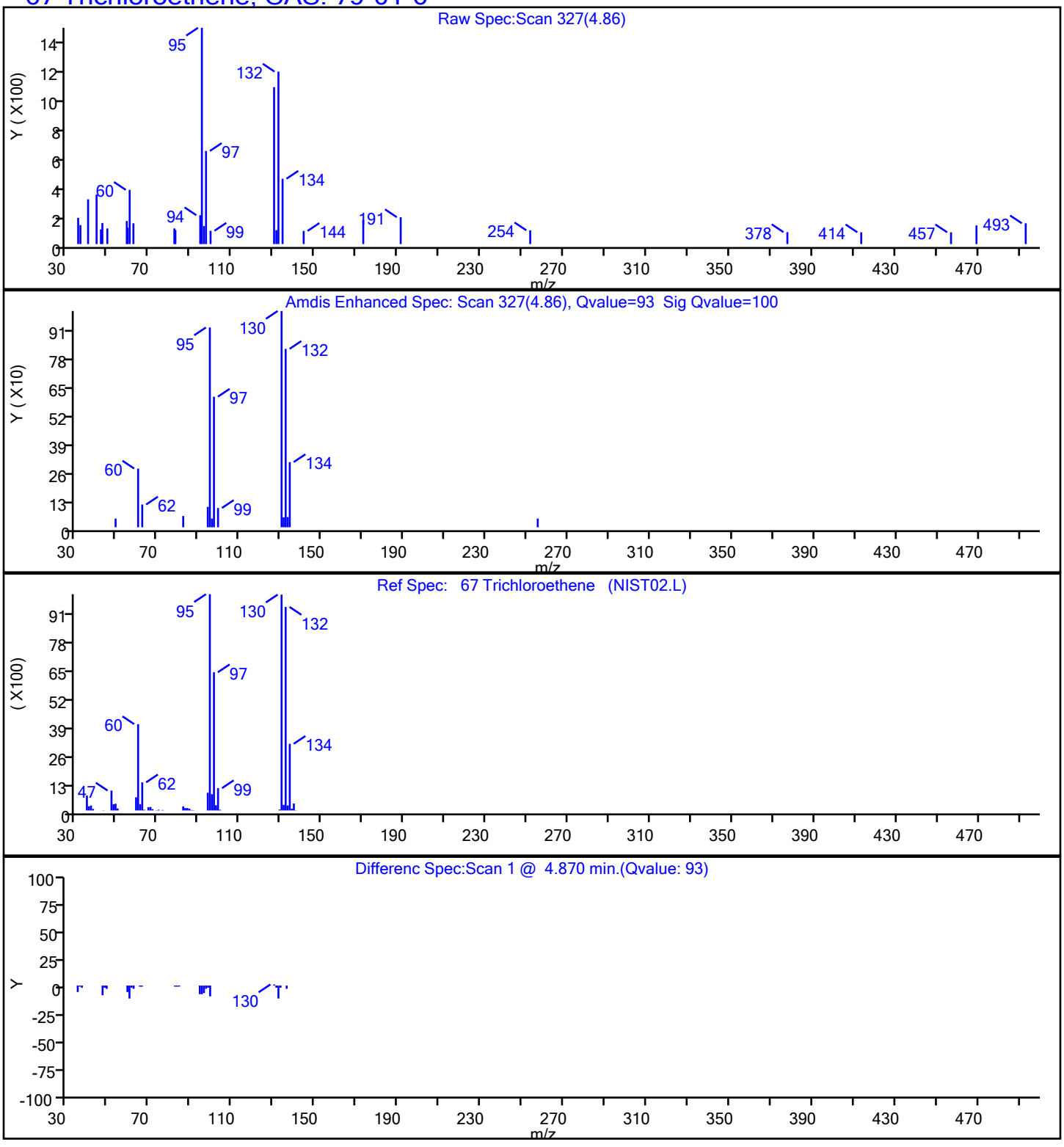
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D
Injection Date: 20-Oct-2025 15:57:30 Instrument ID: CVOAMS9
Lims ID: 460-336983-B-12 Lab Sample ID: 460-336983-12
Client ID: A-10
Operator ID: ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



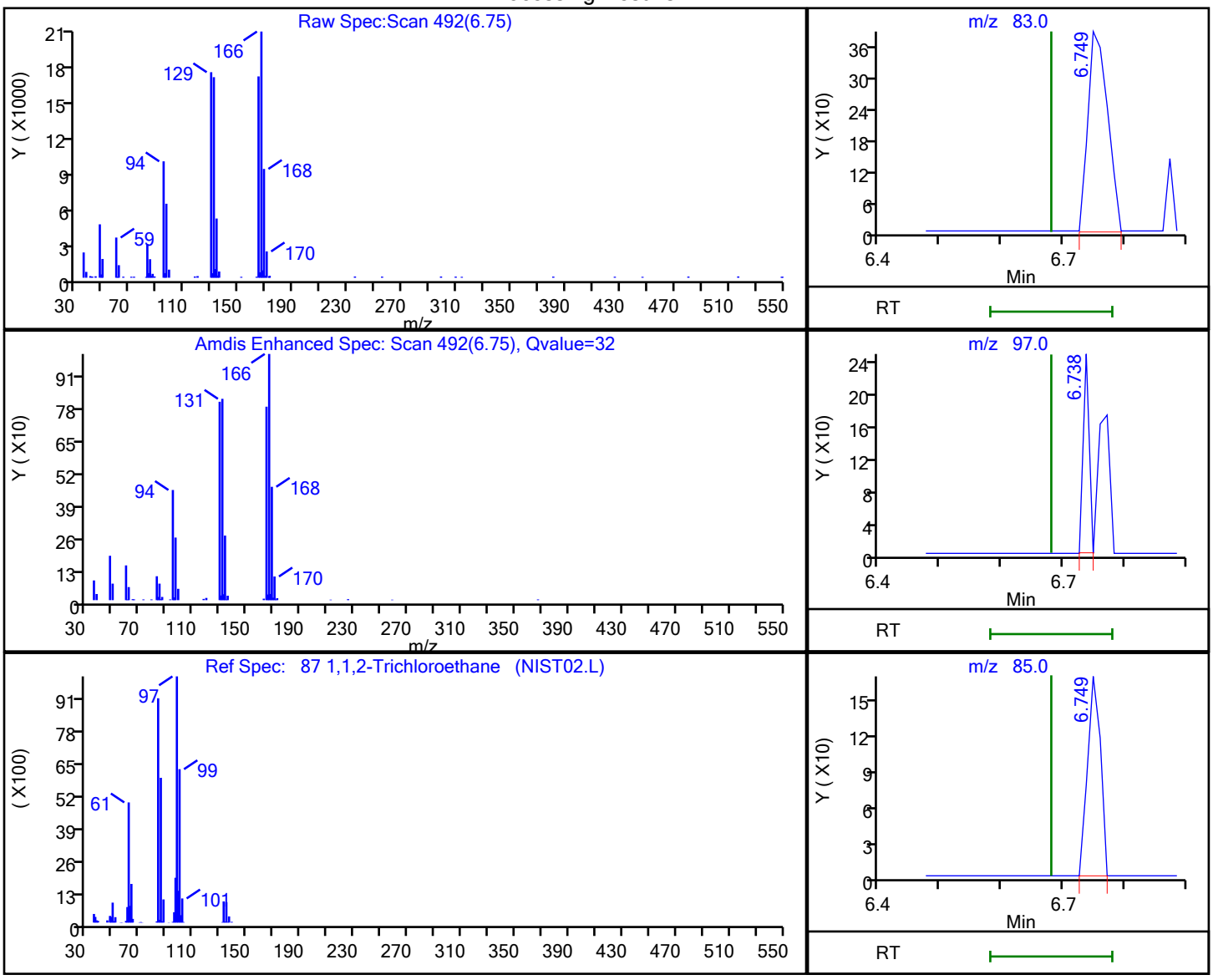
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74116.D				
Injection Date:	20-Oct-2025 15:57:30	Instrument ID:	CVOAMS9		
Lims ID:	460-336983-B-12	Lab Sample ID:	460-336983-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.75	83.00	863	0.244717
6.74	97.00	168	
6.75	85.00	243	

Reviewer: HVW2, 20-Oct-2025 19:16:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: FB1008 | Lab Sample ID: 460-336983-13

Matrix: Water | Lab File ID: K74095.D

Analysis Method: 8260D | Date Collected: 10/08/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 07:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: FB1008 | Lab Sample ID: 460-336983-13

Matrix: Water | Lab File ID: K74095.D

Analysis Method: 8260D | Date Collected: 10/08/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 07:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74095.D				
Lims ID:	460-336983-B-13				
Client ID:	FB1008				
Sample Type:	Client				
Inject. Date:	20-Oct-2025 07:41:30	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-336983-B-13				
Misc. Info.:	460-0198102-009				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	20-Oct-2025 14:36:52	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1683				
First Level Reviewer: HVW2		Date:	20-Oct-2025 19:04:58		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	100	161251	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	190410	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	95	155775	55.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	162423	55.5	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	528254	50.0	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	31	19087	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	564034	49.8	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	431193	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	90	165987	51.0	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	233995	50.0	

Reagents:

8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added: 1.00	Units: uL	Run Reagent

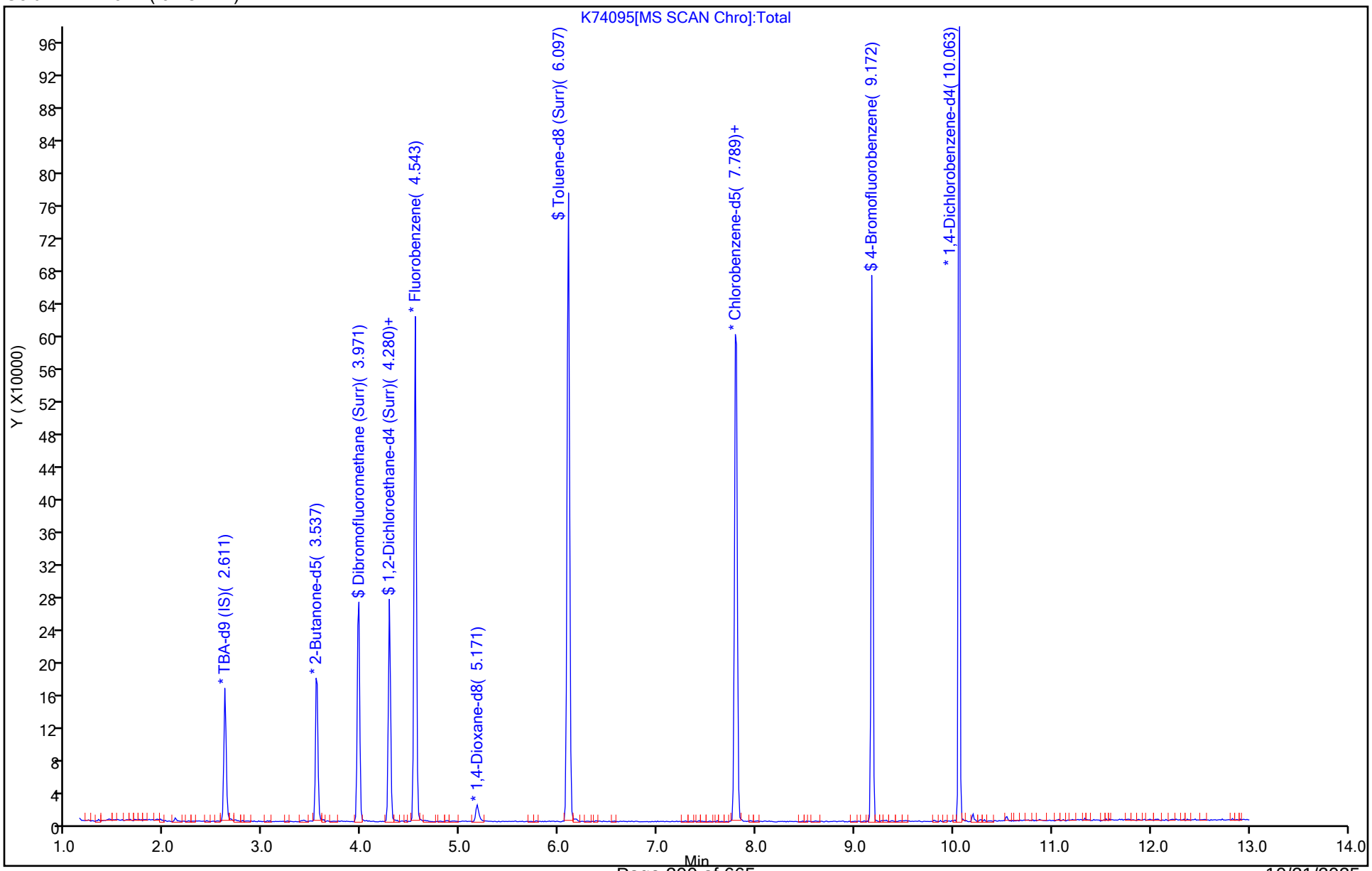
Report Date: 20-Oct-2025 19:04:59 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74095.D

Injection Date:	20-Oct-2025 07:41:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-13	Lab Sample ID:	460-336983-13	Worklist Smp#:	9
Client ID:	FB1008				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74095.D
Lims ID: 460-336983-B-13
Client ID: FB1008
Sample Type: Client
Inject. Date: 20-Oct-2025 07:41:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-13
Misc. Info.: 460-0198102-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 14:36:52 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:04:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	55.2	110.33
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	111.01
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.60
$ 105 4-Bromofluorobenzene	50.0	51.0	102.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-336983-14

Matrix: Water | Lab File ID: K74096.D

Analysis Method: 8260D | Date Collected: 10/08/2025 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 08:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-336983-14

Matrix: Water | Lab File ID: K74096.D

Analysis Method: 8260D | Date Collected: 10/08/2025 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 08:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74096.D
Lims ID: 460-336983-B-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 20-Oct-2025 08:05:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-14
Misc. Info.: 460-0198102-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 14:36:52 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	98	165016	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	192208	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	158628	56.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	159139	54.5	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	527209	50.0	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	28	20345	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	557953	49.1	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	432902	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	163134	50.0	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	232621	50.0	

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

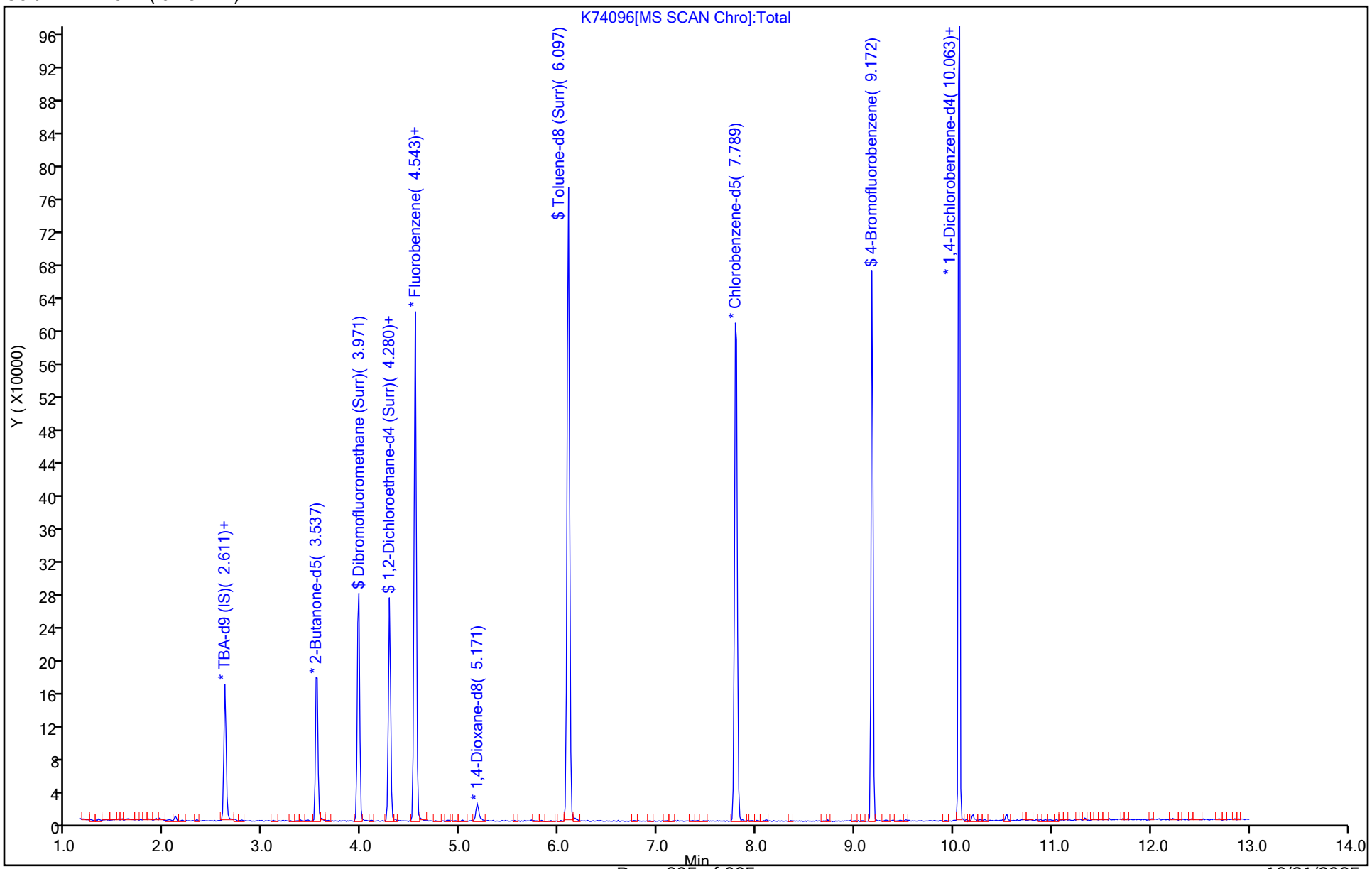
Report Date: 20-Oct-2025 19:05:10 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74096.D

Injection Date:	20-Oct-2025 08:05:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-14	Lab Sample ID:	460-336983-14	Worklist Smp#:	10
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74096.D
Lims ID: 460-336983-B-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 20-Oct-2025 08:05:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-14
Misc. Info.: 460-0198102-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 14:36:52 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:05:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.3	112.57
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	108.98
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.14
$ 105 4-Bromofluorobenzene	50.0	50.0	99.91

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1055004/4	K71218.D
Level 2	STD9 460-1055004/3	K71217.D
Level 3	STD1 460-1055004/6	K71220.D
Level 4	STD5 460-1055004/7	K71221.D
Level 5	STD20 460-1055004/8	K71222.D
Level 6	STD50 460-1055004/9	K71223.D
Level 7	STD200 460-1055004/10	K71224.D
Level 8	STD500 460-1055004/11	K71225.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.6517	+++++ 0.8297	0.6220 0.8238	0.6637	0.6537	Ave		0.7074				13.2		20.0			
Dichlorodifluoromethane	+++++ 0.2435	+++++ 0.3232	0.2656 0.3244	0.2713	0.2460	Ave		0.2790			0.1000	13.0		20.0			
Chlorodifluoromethane	+++++ 0.0390	+++++ 0.0396	0.0713 0.0375	0.0495	0.0336	Lin2	0.0342	0.0378							0.9900		0.9900
Chloromethane	+++++ 0.2462	+++++ 0.2816	0.3316 0.2744	0.2849	0.2697	Ave		0.2814			0.0050	10.0		20.0			
Vinyl chloride	+++++ 0.1763	+++++ 0.2141	0.2355 0.2148	0.2106	0.2006	Ave		0.2086			0.0050	9.3		20.0			
Butadiene	0.1949 0.1481	+++++ 0.1885	0.1881 0.1866	0.1941	0.1716	Ave		0.1817				9.2		20.0			
Bromomethane	+++++ 0.1277	+++++ 0.1492	0.1999 +++++	0.1655	0.1441	Ave		0.1573			0.0050	17.4		20.0			
Chloroethane	+++++ 0.0982	+++++ 0.1197	0.1497 0.1081	0.1283	0.1209	Ave		0.1208			0.0050	14.6		20.0			
Dichlorofluoromethane	+++++ 0.3340	+++++ 0.3832	0.4053 0.3638	0.4498	0.3906	Ave		0.3878				10.1		20.0			
Trichlorofluoromethane	+++++ 0.2345	+++++ 0.3034	0.3246 0.3085	0.3099	0.2886	Ave		0.2949			0.1000	10.8		20.0			
Pentane	+++++ 0.0367	+++++ 0.0370	0.0627 0.0334	0.0519	0.0360	QuaF		0.0390	-0.000006						1.0000		0.9900
Ethanol	+++++ 0.0391	+++++ 0.0338	0.0449 0.0333	0.0307	0.0342	Ave		0.0360				14.3		20.0			
Ethyl ether	+++++ 0.1504	+++++ 0.1492	0.3147 0.1433	0.1922	0.1541	Lin2	0.1685	0.1481							0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1747	+++++ 0.1786	0.1860 0.1854	0.1650	0.1646	Ave		0.1757				5.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1563	+++++ 0.1555	0.1873 0.1508	0.1702	0.1572	Ave		0.1629				8.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2938	+++++ 0.3055	0.3526 0.3102	0.3005	0.2845	Ave		0.3079				7.7		20.0			
Acrolein	+++++ 1.6028	+++++ 1.4842	2.5702 1.3875	1.5699	1.5135	Lin2	4.4943	1.4315							0.9970		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1901	+++++ 0.2170	0.2017 0.2109	0.2311	0.2042	Ave		0.2092			0.1000	6.7		20.0			
1,1-Dichloroethene	+++++ 0.1854	+++++ 0.1963	0.2351 0.2029	0.2168	0.1870	Ave		0.2039			0.1000	9.4		20.0			
Acetone	+++++ 0.2061	+++++ 0.2091	0.2342 0.2116	0.1972	0.1737	Ave		0.2053			0.0010	9.6		20.0			
Isopropyl alcohol	+++++ 0.5165	+++++ 0.4626	0.6221 0.4705	0.4957	0.4602	Lin2	1.4721	0.4733							0.9980		0.9900
Iodomethane	+++++ 0.2783	+++++ 0.3223	0.1205 0.2922	0.1825	0.2379	QuaF		0.3316	-0.000078						0.9990		0.9900
Carbon disulfide	+++++ 0.6323	+++++ 0.6761	0.7643 0.6767	0.7528	0.6759	Ave		0.6963			0.1000	7.4		20.0			
3-Chloro-1-propene	+++++ 0.1963	+++++ 0.1988	0.2237 0.1752	0.2149	0.2059	Ave		0.2024				8.3		20.0			
Methyl acetate	+++++ 6.7250	+++++ 6.9079	6.9184 6.4470	7.4803	6.8483	Ave		6.8878			0.0500	4.9		20.0			
Acetonitrile	+++++ 1.0507	+++++ 1.0029	0.7580 0.9204	1.1777	1.0061	Ave		0.9860				14.2		20.0			
Cyclopentene	+++++ 0.5094	+++++ 0.5130	0.6421 0.5124	0.5771	0.5138	Ave		0.5446				10.0		20.0			
Methylene Chloride	+++++ 0.2207	+++++ 0.2238	0.3183 0.2238	0.2439	0.2193	Ave		0.2416			0.1000	16.0		20.0			
2-Methyl-2-propanol	+++++ 0.8660	+++++ 0.8441	1.0963 0.8609	0.9222	0.7809	Ave		0.8951				12.1		20.0			
Methyl tert-butyl ether	+++++ 0.5991	+++++ 0.5837	0.6210 0.5813	0.6311	0.5772	Ave		0.5989			0.1000	3.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2127	+++++ 0.2158	0.2709 0.2097	0.2296	0.2102	Ave		0.2248			0.1000	10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0785 0.0633	+++++ 0.0612	0.0687 0.0612	0.0701	0.0616	Ave		0.0664				9.8		20.0			
Hexane	+++++ 0.1998	+++++ 0.2209	0.2454 0.2124	0.2207	0.2125	Ave		0.2186				7.0		20.0			
Isopropyl ether	+++++ 0.6037	+++++ 0.5727	0.6839 0.5649	0.6549	0.5906	Ave		0.6118				7.8		20.0			
1,1-Dichloroethane	+++++ 0.3731	+++++ 0.3738	0.4268 0.3593	0.4119	0.3663	Ave		0.3852			0.2000	7.1		20.0			
Vinyl acetate	+++++ 0.3308	+++++ 0.3613	0.5217 0.3260	0.4346	0.3694	Ave		0.3906				19.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.1929	+++++ 0.1878	0.2124 0.1910	0.2038	0.1813	Ave		0.1949				5.8		20.0			
Tert-butyl ethyl ether	+++++ 0.6228	+++++ 0.5958	0.6129 0.5967	0.6611	0.6037	Ave		0.6155				4.0		20.0			
2,2-Dichloropropane	+++++ 0.0696	+++++ 0.0716	0.0972 0.0699	0.0739	0.0748	Ave		0.0762				13.8		20.0			
cis-1,2-Dichloroethene	+++++ 0.2313	+++++ 0.2352	0.2778 0.2253	0.2543	0.2365	Ave		0.2434			0.1000	8.0		20.0			
Methyl Ethyl Ketone	+++++ 0.2602	+++++ 0.2557	0.3104 0.2538	0.3018	0.2378	Ave		0.2699			0.0100	10.8		20.0			
Ethyl acetate	+++++ 4.4640	+++++ 4.4423	5.0345 4.3485	4.9791	4.3667	Ave		4.6059				6.8		20.0			
Methyl acrylate	+++++ 0.1664	+++++ 0.1671	0.2955 0.1698	0.1855	0.1584	Lin2	0.1320	0.1624							0.9980		0.9900
Propionitrile	+++++ 1.4049	+++++ 1.3346	1.5546 1.2807	1.4999	1.3148	Ave		1.3982				7.8		20.0			
Chlorobromomethane	+++++ 0.1186	+++++ 0.1147	0.1377 0.1021	0.1324	0.1196	Ave		0.1208				10.6		20.0			
Tetrahydrofuran	+++++ 0.7754	+++++ 0.7595	1.0310 0.6893	0.8783	0.7801	Ave		0.8189				14.7		20.0			
Methacrylonitrile	+++++ 0.0815	+++++ 0.0736	0.0876 0.0689	0.0835	0.0777	Ave		0.0788				8.6		20.0			
Chloroform	+++++ 0.3905	+++++ 0.3953	0.4136 0.3831	0.4223	0.3866	Ave		0.3985			0.2000	4.0		20.0			
1,1,1-Trichloroethane	+++++ 0.3202	+++++ 0.3382	0.3740 0.3272	0.3752	0.3270	Ave		0.3436			0.1000	7.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	+++++ 0.2623	+++++ 0.2893	0.3463 0.2785	0.3231	0.2717	Ave		0.2952			0.1000	11.1		20.0			
Carbon tetrachloride	+++++ 0.2843	+++++ 0.3100	0.3463 0.3079	0.3246	0.2928	Ave		0.3110			0.1000	7.2		20.0			
1,1-Dichloropropene	+++++ 0.2834	+++++ 0.3007	0.3057 0.3012	0.3134	0.2887	Ave		0.2988				3.7		20.0			
Isobutyl alcohol	+++++ 0.3430	+++++ 0.3349	0.4776 0.3445	0.3466	0.3120	Ave		0.3598				16.4		20.0			
Benzene	+++++ 1.1052	1.5447 1.1402	1.3002 1.0861	1.2579	1.1074	Ave		1.2202			0.5000	13.5		20.0			
Isooctane	+++++ 0.4027	+++++ 0.4162	0.4291 0.3783	0.4354	0.3992	Ave		0.4101				5.1		20.0			
Isopropyl acetate	+++++ 0.5193	+++++ 0.4932	0.5626 0.5016	0.5605	0.4889	Ave		0.5210				6.3		20.0			
1,2-Dichloroethane	+++++ 0.2818	0.5374 0.2800	0.3365 0.2739	0.3023	0.2796	Lin2	0.0515	0.2812			0.1000				1.0000		0.9900
Tert-amyl methyl ether	+++++ 0.6250	+++++ 0.5917	0.6795 0.5948	0.6411	0.5903	Ave		0.6204				5.7		20.0			
n-Heptane	+++++ 0.1482	+++++ 0.1659	0.1801 0.1490	0.1651	0.1500	Ave		0.1597				8.0		20.0			
n-Butanol	+++++ 0.2212	+++++ 0.2062	0.3303 0.2267	0.2193	0.1899	Lin2	3.0118	0.2066							0.9940		0.9900
Trichloroethene	+++++ 0.2375	0.3461 0.2457	0.2667 0.2424	0.2641	0.2366	Ave		0.2627			0.2000	14.7		20.0			
Ethyl acrylate	+++++ 0.2594	+++++ 0.2470	0.3582 0.3152	0.2769	0.2422	Ave		0.2831				16.0		20.0			
Methylcyclohexane	+++++ 0.2869	+++++ 0.3247	0.3378 0.3084	0.3310	0.2982	Ave		0.3145			0.1000	6.3		20.0			
1,2-Dichloropropane	+++++ 0.2164	0.2592 0.2188	0.2514 0.2145	0.2328	0.2051	Ave		0.2283			0.1000	8.9		20.0			
Methyl methacrylate	+++++ 0.0583	+++++ 0.0539	0.0663 0.0561	0.0629	0.0540	Ave		0.0586				8.6		20.0			
1,4-Dioxane	+++++ 0.7489	+++++ 0.6816	0.9622 0.5990	0.7674	0.7544	Ave		0.7523				16.0		20.0			
Dibromomethane	+++++ 0.1537	+++++ 0.1525	0.1650 0.1511	0.1654	0.1481	Ave		0.1560				4.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2603	+++++ 0.2465	0.3398 0.2632	0.2693	0.2434	Ave		0.2704				13.1		20.0			
Bromodichloromethane	+++++ 0.3019	0.4385 0.3116	0.3244 0.3113	0.3259	0.3007	Ave		0.3306			0.2000	14.7		20.0			
2-Nitropropane	+++++ 0.0465	+++++ 0.0447	0.0672 0.0471	0.0513	0.0444	Ave		0.0502				17.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1425	+++++ 0.1353	0.1375 0.1400	0.1568	0.1345	Ave		0.1411				5.8		20.0			
Epichlorohydrin	0.3745 0.2125	+++++ 0.2171	0.2697 0.2212	0.2424	0.2072	Lin2	0.7920	0.2194							0.9980		0.9900
cis-1,3-Dichloropropene	+++++ 0.5127	0.6727 0.5239	0.6011 0.5172	0.5363	0.5090	Ave		0.5533			0.2000	11.1		20.0			
methyl isobutyl ketone	+++++ 2.0425	+++++ 2.0881	2.1454 2.0833	2.2574	2.0150	Ave		2.1053			0.0500	4.1		20.0			
Toluene	+++++ 1.2230	+++++ 1.2400	1.4525 1.2025	1.3458	1.2051	Ave		1.2781			0.4000	7.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4604	0.5848 0.4775	0.5216 0.4759	0.5025	0.4437	Ave		0.4952			0.1000	9.5		20.0			
Ethyl methacrylate	+++++ 0.3608	+++++ 0.3615	0.4089 0.3764	0.3818	0.3447	Ave		0.3723				6.0		20.0			
1,1,2-Trichloroethane	+++++ 0.2306	0.4409 0.2358	0.3221 0.2363	0.2668	0.2287	Lin2	0.0411	0.2433			0.1000				0.9930		0.9900
Tetrachloroethene	+++++ 0.2643	0.3673 0.2843	0.2856 0.2789	0.2996	0.2677	Ave		0.2925			0.2000	12.0		20.0			
1,3-Dichloropropane	+++++ 0.4343	+++++ 0.4393	0.4641 0.4489	0.4598	0.4242	Ave		0.4451				3.4		20.0			
2-Hexanone	+++++ 1.4666	+++++ 1.4839	1.5534 1.5593	1.6122	1.4219	Ave		1.5162			0.0500	4.6		20.0			
n-Butyl acetate	+++++ 0.3781	+++++ 0.3660	0.4790 0.4035	0.3978	0.3614	Ave		0.3976				10.9		20.0			
Dibromochloromethane	+++++ 0.3427	0.5694 0.3579	0.3513 0.3600	0.3495	0.3316	Lin2	0.0444	0.3405			0.1000				0.9970		0.9900
Ethylene Dibromide	+++++ 0.3030	+++++ 0.3067	0.2853 0.3137	0.3261	0.2901	Ave		0.3042			0.1000	5.0		20.0			
Chlorobenzene	+++++ 0.8374	+++++ 0.8590	0.9033 0.8532	0.9085	0.8291	Ave		0.8651			0.5000	3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.3083	+++++ 0.3140	0.3647 0.3027	0.3295	0.2895	Ave		0.3181				8.3		20.0			
Ethylbenzene	+++++ 0.4253	+++++ 0.4420	0.4544 0.4323	0.4769	0.4182	Ave		0.4415			0.1000	4.9		20.0			
m-Xylene & p-Xylene	+++++ 0.5246	+++++ 0.5587	0.5899 0.5579	0.5620	0.5113	Ave		0.5507			0.1000	5.1		20.0			
n-Butyl acrylate	+++++ 0.2493	+++++ 0.2432	0.2839 0.2605	0.2530	0.2346	Ave		0.2541				6.7		20.0			
o-Xylene	+++++ 0.5216	+++++ 0.5408	0.6152 0.5194	0.5659	0.5049	Ave		0.5446			0.3000	7.4		20.0			
Styrene	+++++ 0.8820	+++++ 0.9188	0.8824 0.8975	0.9537	0.8687	Ave		0.9005			0.3000	3.5		20.0			
Bromoform	+++++ 0.1999	+++++ 0.2125	0.2116 0.2203	0.1996	0.1919	Ave		0.2060			0.1000	5.1		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8518	+++++ 0.7904	0.8663 0.8802	0.9155	0.8129	Ave		0.8529				5.3		20.0			
Isopropylbenzene	+++++ 1.1530	+++++ 1.2244	1.2219 1.2272	1.2733	1.1440	Ave		1.2073			0.1000	4.1		20.0			
Bromobenzene	+++++ 0.6529	+++++ 0.6292	0.7268 0.5955	0.7065	0.6453	Ave		0.6593				7.4		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6318	1.1155 0.6097	0.6606 0.6289	0.6827	0.6048	Lin2	0.0979	0.6171			0.3000				0.9970		0.9900
1,2,3-Trichloropropane	+++++ 0.7887	+++++ 0.7622	0.8713 0.7689	0.9017	0.7535	Ave		0.8077				7.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.7887	+++++ 0.7622	0.8713 0.7689	0.9017	0.7535	Ave		0.8077				7.8		20.0			
N-Propylbenzene	+++++ 2.8088	+++++ 2.7402	3.2330 2.5447	3.1301	2.7915	Ave		2.8747				9.0		20.0			
2-Chlorotoluene	+++++ 1.9799	+++++ 1.9378	2.2967 1.8357	2.2178	1.9671	Ave		2.0392				8.7		20.0			
4-Ethyltoluene	+++++ 2.4293	+++++ 2.3125	2.6991 2.1809	2.7016	2.4071	Ave		2.4551				8.5		20.0			
1,3,5-Trimethylbenzene	+++++ 2.0596	+++++ 2.0325	2.1051 1.9014	2.3043	2.0251	Ave		2.0713				6.4		20.0			
4-Chlorotoluene	+++++ 2.0356	+++++ 1.9816	2.4299 1.9365	2.3230	2.0510	Ave		2.1263				9.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8354	+++++ 0.8072	0.8772 0.8267	0.8609	0.7872	Ave		0.8324				4.0		20.0			
tert-Butylbenzene	+++++ 1.6769	+++++ 1.7014	1.7782 1.5401	1.8685	1.6451	Ave		1.7017				6.6		20.0			
1,2,4-Trimethylbenzene	+++++ 2.1378	+++++ 2.1312	2.5921 2.0158	2.4990	2.1307	Ave		2.2511				10.4		20.0			
sec-Butylbenzene	+++++ 2.4187	+++++ 2.4046	3.0051 2.1889	2.7069	2.3825	Ave		2.5178				11.5		20.0			
1,3-Dichlorobenzene	+++++ 1.1944	+++++ 1.1600	1.2311 0.9999	1.3072	1.1773	Ave		1.1783			0.6000	8.6		20.0			
4-Isopropyltoluene	+++++ 2.1110	+++++ 2.1151	2.2036 1.8101	2.3568	2.0907	Ave		2.1145				8.5		20.0			
1,4-Dichlorobenzene	+++++ 1.2255	+++++ 1.2035	1.2825 1.0841	1.3511	1.1753	Ave		1.2203			0.5000	7.5		20.0			
1,2,3-Trimethylbenzene	+++++ 2.3222	+++++ 2.2234	2.5086 2.1131	2.5778	2.2752	Ave		2.3367				7.5		20.0			
Benzyl chloride	+++++ 0.2580	+++++ 0.2545	0.2272 0.2588	0.2873	0.2441	Ave		0.2550				7.8		20.0			
Indan	+++++ 2.0951	+++++ 1.9879	2.1864 1.8720	2.3237	2.0312	Ave		2.0827				7.6		20.0			
p-Diethylbenzene	+++++ 1.2944	+++++ 1.2262	1.3203 1.1117	1.4057	1.2307	Ave		1.2648				7.9		20.0			
n-Butylbenzene	+++++ 1.0192	+++++ 1.0303	1.0278 0.9285	1.1032	1.0008	Ave		1.0183				5.5		20.0			
1,2-Dichlorobenzene	+++++ 1.1856	+++++ 1.1756	1.1823 1.0761	1.3199	1.1594	Ave		1.1831			0.4000	6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.2299	+++++ 2.0944	2.1760 1.8195	2.3728	2.0924	Ave		2.1308				8.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1416	+++++ 0.1461	0.2399 0.1460	0.1569	0.1411	Lin2	0.0978	0.1411			0.0200				0.9990		0.9900
1,3,5-Trichlorobenzene	+++++ 0.7828	+++++ 0.7252	0.8269 0.6272	0.8020	0.7345	Ave		0.7497				9.5		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7277	+++++ 0.6943	0.7993 0.6029	0.7566	0.7083	Ave		0.7148			0.2000	9.3		20.0			
Hexachlorobutadiene	+++++ 0.2079	+++++ 0.2065	0.2338 0.1801	0.2279	0.1974	Ave		0.2089				9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.1591	+++++ 2.0391	2.2788 1.9465	2.3250	2.0535	Ave		2.1337				6.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6952	+++++ 0.6587	0.7601 0.5803	0.7266	0.6771	Ave		0.6830				9.1		20.0			
Dibromofluoromethane (Surr)	0.2666 0.2681	0.2732 0.2615	0.2731 0.2579	0.2689	0.2690	Ave		0.2673				2.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2790 0.2770	0.2830 0.2751	0.2785 0.2766	0.2739	0.2726	Ave		0.2770				1.2		20.0			
Toluene-d8 (Surr)	1.3088 1.3128	1.3269 1.3162	1.2995 1.3388	1.3027	1.3010	Ave		1.3133				1.0		20.0			
4-Bromofluorobenzene	0.3592 0.3784	0.3797 0.3874	0.3645 0.4154	0.3634	0.3695	Ave		0.3772				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1055004/4	K71218.D
Level 2	STD9 460-1055004/3	K71217.D
Level 3	STD1 460-1055004/6	K71220.D
Level 4	STD5 460-1055004/7	K71221.D
Level 5	STD20 460-1055004/8	K71222.D
Level 6	STD50 460-1055004/9	K71223.D
Level 7	STD200 460-1055004/10	K71224.D
Level 8	STD500 460-1055004/11	K71225.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 29847	+++++ 150181	555 397733	2923	11621	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 140672	+++++ 781777	3023 2007963	15698	57065	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Lin2	+++++ 22529	+++++ 95667	812 232167	2866	7804	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 142252	+++++ 681235	3774 1698224	16482	62557	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 101867	+++++ 517870	2680 1329562	12183	46527	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	563 85570	+++++ 455977	2141 1154721	11229	39792	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 73802	+++++ 361010	2275 +++++	9576	33428	+++++ 50.0	+++++ 200	1.00 +++++	5.00	20.0
Chloroethane	FB	Ave	+++++ 56758	+++++ 289426	1704 669325	7424	28049	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 192938	+++++ 926959	4613 2251963	26025	90603	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 135479	+++++ 733814	3694 1909387	17930	66933	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	FB	QuaF	+++++ 42400	+++++ 178791	1428 413998	6009	16691	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 15848	+++++ 55682	353 156518	1215	5472	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 86890	+++++ 360967	3582 886752	11120	35741	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 100942	+++++ 431968	2117 1147311	9544	38183	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 90300	+++++ 376229	2132 933114	9847	36462	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 169750	+++++ 738942	4013 1920209	17388	65997	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Lin2	+++++ 32510	+++++ 61213	2021 130488	6212	12117	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 109845	+++++ 524793	2296 1305319	13369	47356	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 107106	+++++ 474904	2676 1255659	12541	43376	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 47201	+++++ 189260	1045 510678	4343	15440	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Isopropyl alcohol	TBAd9	Lin2	+++++ 52378	+++++ 190771	1223 553086	4904	18421	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Iodomethane	FB	QuaF	+++++ 160791	+++++ 779508	1371 1808305	10558	55177	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 365282	+++++ 1635289	8699 4188601	43552	156773	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 113390	+++++ 480820	2546 1084146	12433	47747	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	TBAd9	Ave	+++++ 136405	+++++ 569794	2720 1515758	14800	54826	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Acetonitrile	TBAd9	Ave	+++++ 106555	+++++ 413637	1490 1082013	11651	40274	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Cyclopentene	FB	Ave	+++++ 294287	+++++ 1240962	7308 3171235	33388	119186	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylene Chloride	FB	Ave	+++++ 127487	+++++ 541337	3623 1385328	14109	50862	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 87823	+++++ 348143	2155 1011983	9123	31258	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 346084	+++++ 1411873	7068 3597711	36514	133890	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 122851	+++++ 522045	3083 1297656	13283	48747	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1814 365676	+++++ 1479415	7816 3788339	40563	142803	2.00 500	+++++ 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 115402	+++++ 534431	2793 1314566	12769	49282	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 348736	+++++ 1385226	7784 3496492	37891	136982	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 215541	+++++ 904276	4858 2224048	23831	84974	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 30298	+++++ 130804	931 314804	3828	13133	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 111461	+++++ 454226	2417 1182068	11790	42059	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 359784	+++++ 1441116	6976 3693427	38249	140021	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 40206	+++++ 173305	1106 432779	4274	17341	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 133621	+++++ 568819	3162 1394664	14712	54851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 59576	+++++ 231422	1385 612534	6645	21137	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 408905	+++++ 1608220	8985 4198732	43856	155245	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Lin2	+++++ 96156	+++++ 404101	3363 1051032	10733	36749	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 142484	+++++ 550424	3056 1505481	14838	52629	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 68496	+++++ 277399	1567 631901	7659	27731	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 71026	+++++ 274950	1840 665604	7736	27733	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 471072	+++++ 1780687	9971 4267259	48306	180331	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 225604	+++++ 956105	4707 2371140	24431	89662	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 184975	+++++ 818102	4257 2025066	21710	75851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 151525	+++++ 699727	3941 1723869	18694	63027	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 164218	+++++ 749777	3942 1905448	18778	67917	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 163737	+++++ 727326	3479 1864262	18133	66956	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 86972	+++++ 345296	2347 1012321	8573	31218	+++++ 1250	+++++ 5000	25.0 12500	125	500
Benzene	CBNZd5	Ave	+++++ 476097	3125 2041921	11016 4988055	53839	191003	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Isooctane	FB	Ave	+++++ 232645	+++++ 1006754	4884 2341208	25189	92584	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 299976	+++++ 1192967	6403 3104857	32426	113401	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Lin2	+++++ 162808	1472 677365	3830 1695453	17490	64854	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 361067	+++++ 1431135	7734 3681254	37090	136920	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 85616	+++++ 401241	2050 922403	9550	34794	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Lin2	+++++ 56086	+++++ 212628	1623 666350	5424	19008	+++++ 1250	+++++ 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 137193	948 594376	3036 1500502	15280	54878	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 149838	+++++ 597486	4077 1950618	16018	56185	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 165723	+++++ 785479	3845 1908638	19152	69174	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 125035	710 529326	2861 1327573	13470	47568	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 67404	+++++ 260580	1510 694486	7278	25059	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 20758	+++++ 80491	1191 235614	2057	8129	+++++ 1000	+++++ 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 88822	+++++ 368885	1878 935115	9571	34345	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 150362	+++++ 596219	3867 1629253	15580	56465	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 174388	1201 753632	3692 1926727	18853	69753	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 53728	+++++ 216011	1529 582874	5939	20592	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 82515	+++++ 328129	1569 868377	9094	31276	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Lin2	1707 194607	+++++ 785864	4813 2135464	21352	73647	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 220879	1361 938164	5093 2375476	22956	87795	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 467740	+++++ 1889881	9572 5028818	49708	179093	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	+++++	12306	57604	207852	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			526841	2220666	5522581			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 198355	1183 855048	4419 2185720	21506	76522	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 155445	+++++ 647389	3464 1728541	16342	59447	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Lin2	+++++ 99350	892 422261	2729 1085446	11420	39445	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 113843	743 509121	2420 1280711	12825	46172	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 187091	+++++ 786661	3932 2061613	19678	73160	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 335846	+++++ 1343030	6931 3764124	35500	126382	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 162887	+++++ 655460	4058 1853224	17027	62333	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Lin2	+++++ 147645	1152 641029	2976 1653241	14958	57192	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 130547	+++++ 549210	2417 1440936	13957	50032	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 360743	+++++ 1538286	7653 3918244	38887	142997	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 132835	+++++ 562394	3090 1390014	14102	49933	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 183217	+++++ 791511	3850 1985467	20411	72134	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 225995	+++++ 1000470	4998 2562062	24056	88185	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 107377	+++++ 435573	2405 1196493	10830	40464	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
o-Xylene	CBNZd5	Ave	+++++ 224695	+++++ 968444	5212 2385439	24221	87080	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 379972	+++++ 1645420	7476 4121829	40821	149832	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 86127	+++++ 380610	1793 1011706	8545	33093	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 196392	+++++ 819025	3824 2434260	20278	74412	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 496714	+++++ 2192678	10352 5635984	54501	197307	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 150526	+++++ 651958	3208 1646738	15649	59070	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Lin2	+++++ 145653	1188 631744	2916 1739253	15123	55361	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 181831	+++++ 789832	3846 2126276	19973	68978	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 181831	+++++ 789832	3846 2126276	19973	68978	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 647570	+++++ 2839496	14271 7037160	69334	255536	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 456467	+++++ 2007984	10138 5076598	49126	180069	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 560087	+++++ 2396266	11914 6031266	59841	220347	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 474848	+++++ 2106154	9292 5258136	51042	185381	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 469315	+++++ 2053434	10726 5355284	51456	187745	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 192614	+++++ 836488	3872 2286203	19069	72062	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 386614	+++++ 1763016	7849 4259012	41388	150595	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 492871	+++++ 2208439	11442 5574655	55354	195046	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 557645	+++++ 2491775	13265 6053359	59959	218095	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 275372	+++++ 1202063	5434 2765313	28955	107771	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 486687	+++++ 2191745	9727 5005721	52204	191385	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 282546	+++++ 1247114	5661 2998128	29928	107588	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 535381	+++++ 2303954	11073 5843716	57099	208276	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 59491	+++++ 263717	1003 715599	6363	22345	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 483030	+++++ 2059950	9651 5176901	51472	185939	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 298419	+++++ 1270642	5828 3074436	31137	112661	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 234978	+++++ 1067625	4537 2567822	24436	91609	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 273334	+++++ 1218165	5219 2975838	29236	106130	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 514098	+++++ 2170287	9605 5031739	52558	191534	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Lin2	+++++ 32636	+++++ 151427	1059 403820	3476	12915	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 180466	+++++ 751496	3650 1734415	17764	67232	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 167780	+++++ 719407	3528 1667198	16760	64836	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 47931	+++++ 213948	1032 497963	5049	18069	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 497776	+++++ 2113002	10059 5383084	51501	187979	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 160280	+++++ 682558	3355 1604767	16094	61980	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	154036 154901	187083 158133	155396 159604	155546	155999	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	161216 160009	193812 166368	158485 171217	158454	158066	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	559234 565528	671103 589261	550510 614872	557592	560962	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	153471 162999	192029 173427	154404 190800	155550	159313	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-336983-1 | Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 | Calibration End Date: 08/12/2025 10:56 | Calibration ID: 102068

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-336983-1 Analy Batch No.: 1055004

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2025 07:42 Calibration End Date: 08/12/2025 10:56 Calibration ID: 102068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1055004/4	K71218.D
Level 2	STD9 460-1055004/3	K71217.D
Level 3	STD1 460-1055004/6	K71220.D
Level 4	STD5 460-1055004/7	K71221.D
Level 5	STD20 460-1055004/8	K71222.D
Level 6	STD50 460-1055004/9	K71223.D
Level 7	STD200 460-1055004/10	K71224.D
Level 8	STD500 460-1055004/11	K71225.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chlorodifluoromethane	+++++	+++++	-1.8						30			
Ethyl ether	+++++	+++++	-1.3						30			
Acrolein	+++++	+++++	1.1						30			
Isopropyl alcohol	+++++	+++++	0.4						30			
Methyl acrylate	+++++	+++++	0.7						30			
1,2-Dichloroethane	+++++	-0.4						30				
n-Butanol	+++++	+++++	1.5						30			
Epichlorohydrin	-1.5	+++++					30					
1,1,2-Trichloroethane	+++++	-3.3						30				
Dibromochloromethane	+++++	2.0						30				
1,1,2,2-Tetrachloroethane	+++++	1.5						30				
1,2-Dibromo-3-Chloropropane	+++++	+++++	0.7						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Aug-2025 07:42:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0194792-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:39:35 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: NN6A Date: 12-Aug-2025 08:49:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	248061	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	99	277335	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	96	187083	50.0	51.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.303	4.291	0.012	98	193812	50.0	51.1	
59 Benzene	78	4.303	4.303	0.000	42	3125	0.2000	0.2532	
60 1,2-Dichloroethane	62	4.371	4.360	0.011	81	1472	0.2000	0.1992	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	684769	50.0	50.0	
67 Trichloroethene	95	4.886	4.886	0.000	52	948	0.2000	0.2635	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	47	710	0.2000	0.2271	
* 72 1,4-Dioxane-d8	96	5.194	5.183	0.011	30	35951	1000.0	1000.0	
77 Dichlorobromomethane	83	5.400	5.389	0.011	32	1201	0.2000	0.2653	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	56	1361	0.2000	0.2432	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	671103	50.0	50.5	
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	11	1183	0.2000	0.2362	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	36	892	0.2000	0.1935	
88 Tetrachloroethene	166	6.783	6.772	0.011	61	743	0.2000	0.2511	
91 Chlorodibromomethane	129	7.126	7.114	0.012	16	1152	0.2000	0.2040	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	505771	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	87	192029	50.0	50.3	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	41	1188	0.2000	0.2030	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	96	266244	50.0	50.0	
S 139 Total BTEX	1				0		1.00	0.2532	

QC Flag Legend
Processing Flags

Reagents:

8260MIX1COMB_00209	Amount Added:	2.00	Units: uL	
GASES Li_00656	Amount Added:	0.00	Units: uL	
ACROLEIN W_00186	Amount Added:	0.00	Units: uL	
14DIOXINTER_00187	Amount Added:	0.00	Units: uL	
Ethanol mix_00104	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00164	Amount Added:	0.00	Units: uL	
GAS Hi_00501	Amount Added:	0.00	Units: uL	
524FREONS_00038	Amount Added:	0.00	Units: uL	
7 Freons Hi_00030	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00140	Amount Added:	0.00	Units: uL	
MIX I Hi_00191	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:39:37 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D

Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9 Operator ID:

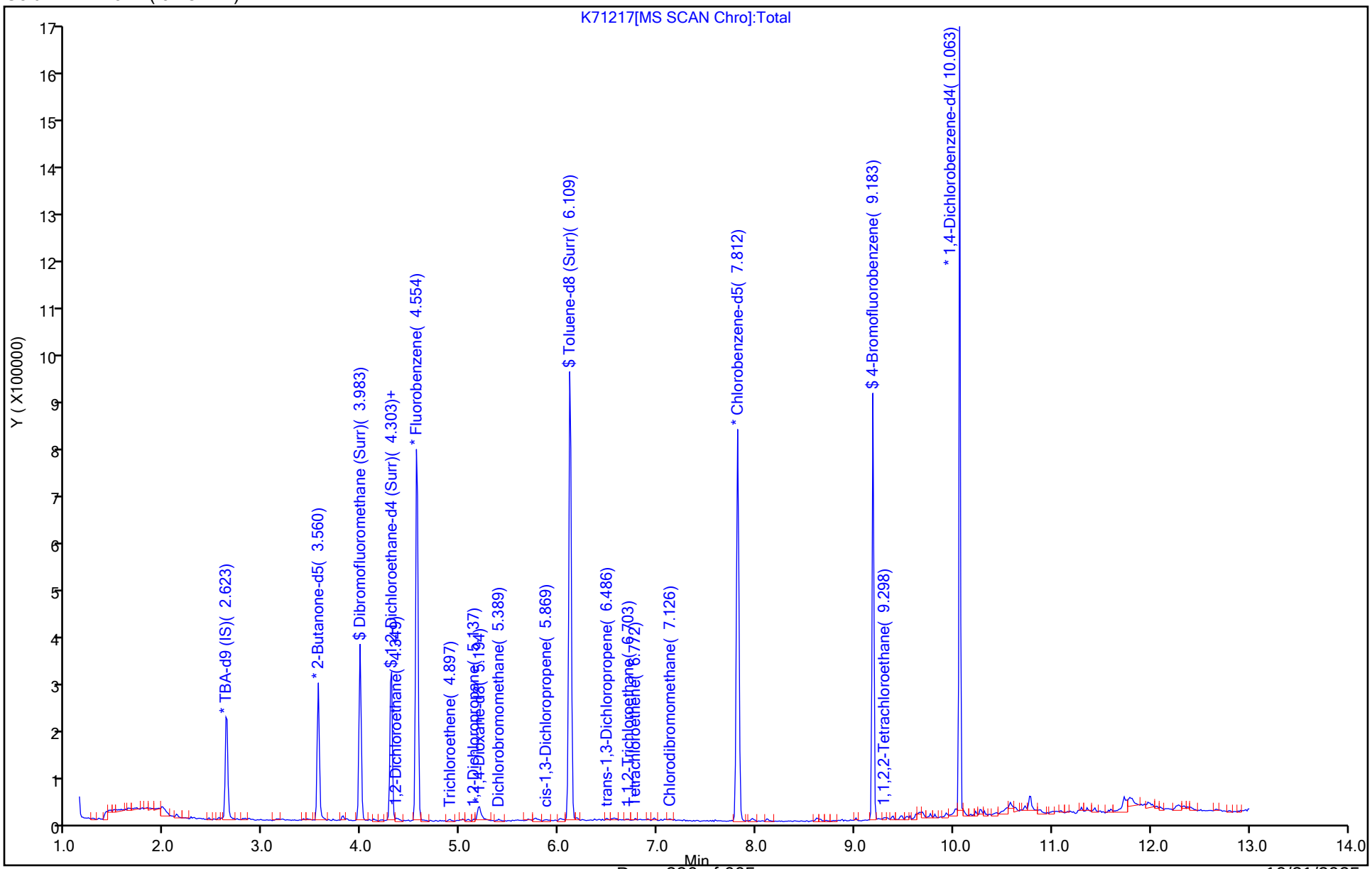
Lims ID: STD9 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

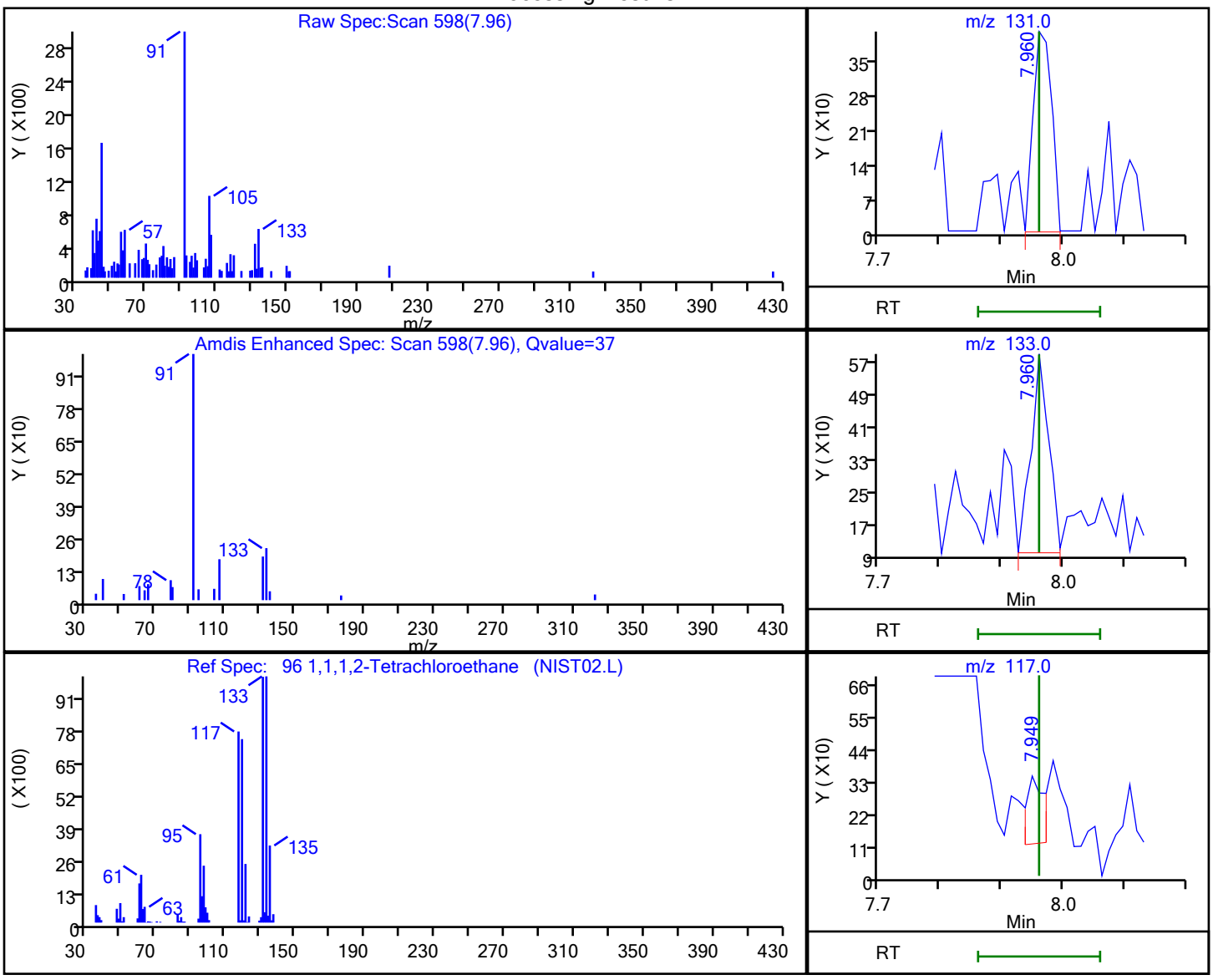
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.96	131.00	854	0.213012
7.96	133.00	983	
7.95	117.00	473	
7.97	119.00	604	

Reviewer: NN6A, 12-Aug-2025 08:49:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

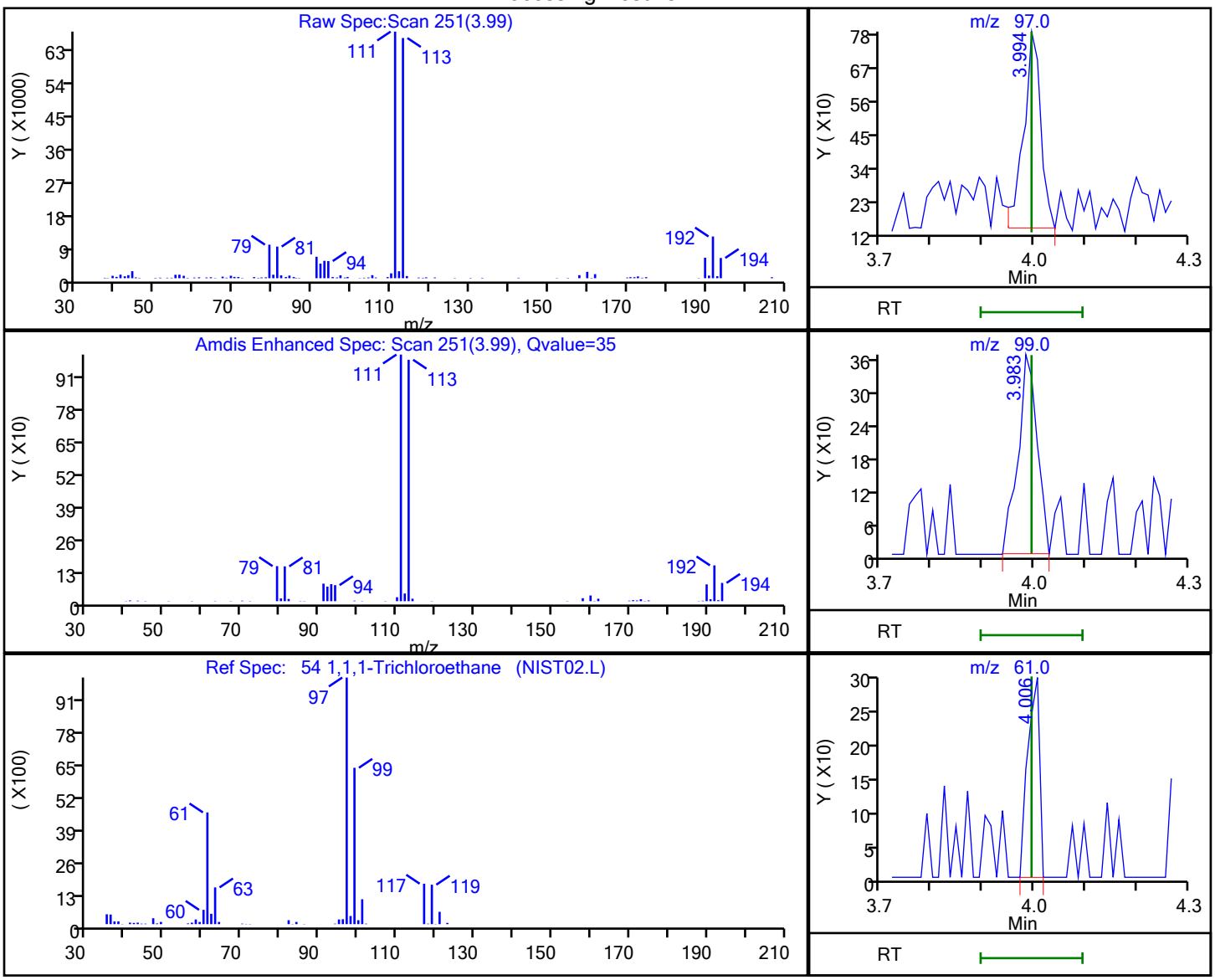
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.99	97.00	1531	0.217936
3.98	99.00	951	
4.01	61.00	480	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

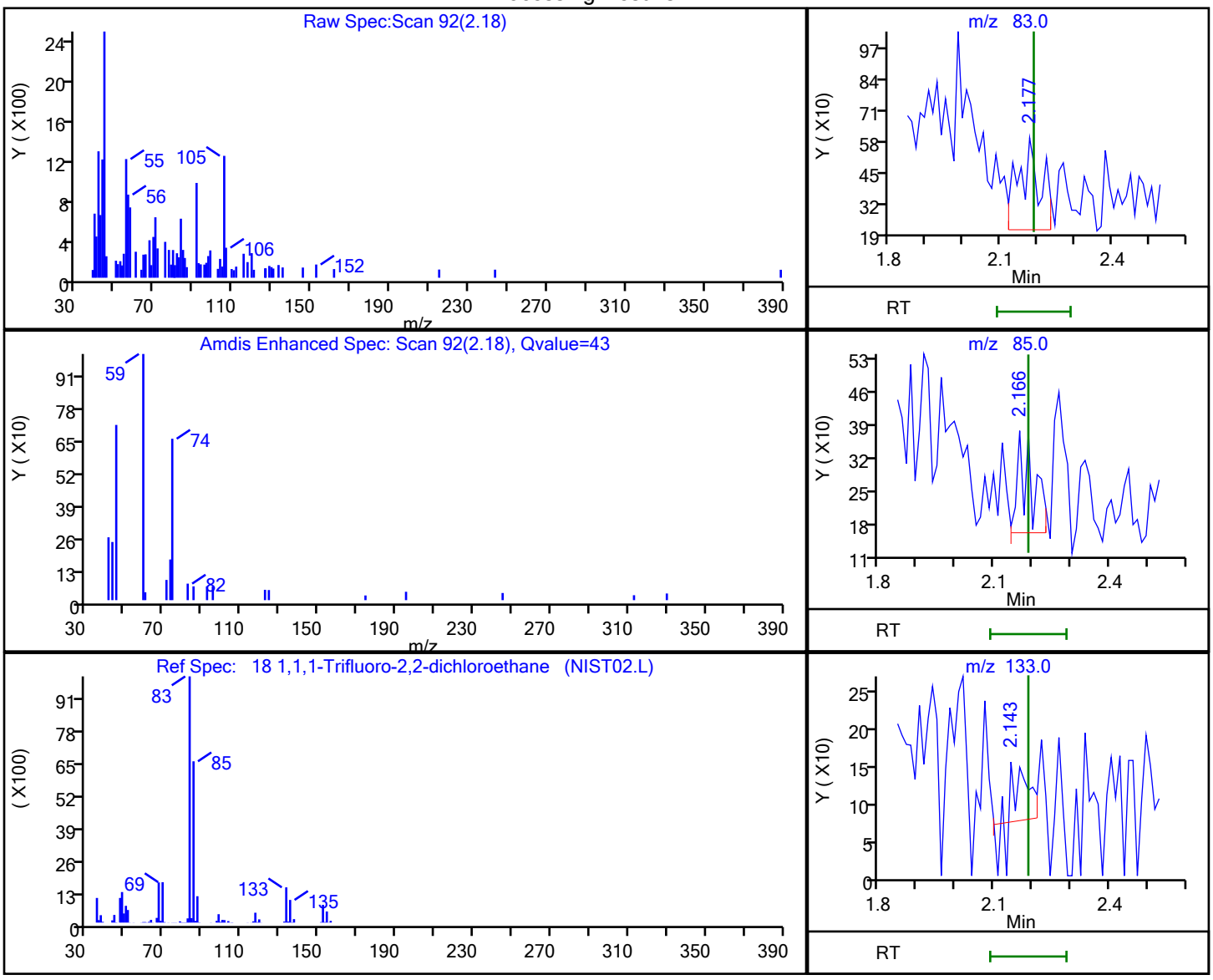
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.18	83.00	1594	0.229059
2.17	85.00	553	
2.14	133.00	164	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

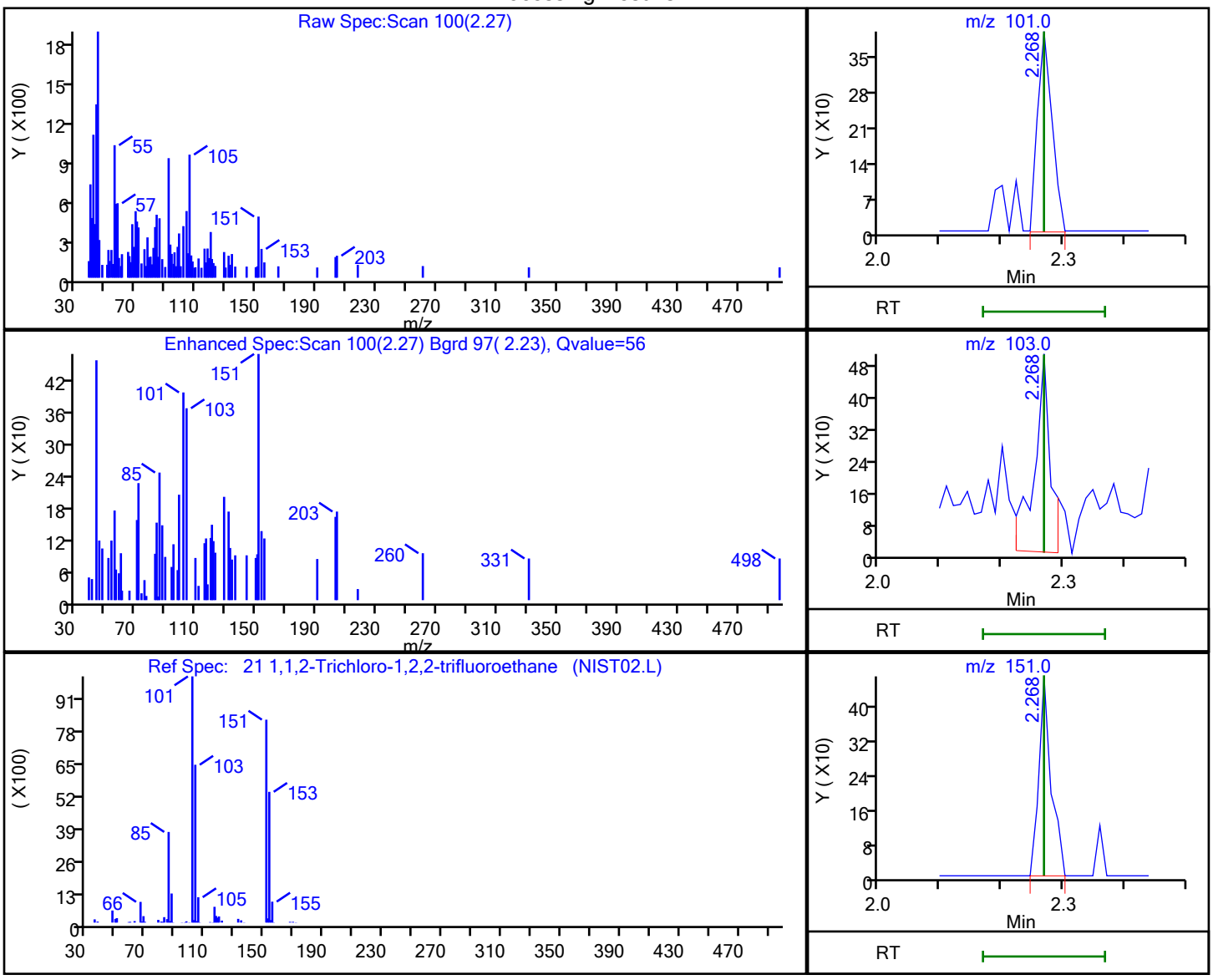
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.27	101.00	650	0.184137
2.27	103.00	961	
2.27	151.00	652	
2.27	85.00	737	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

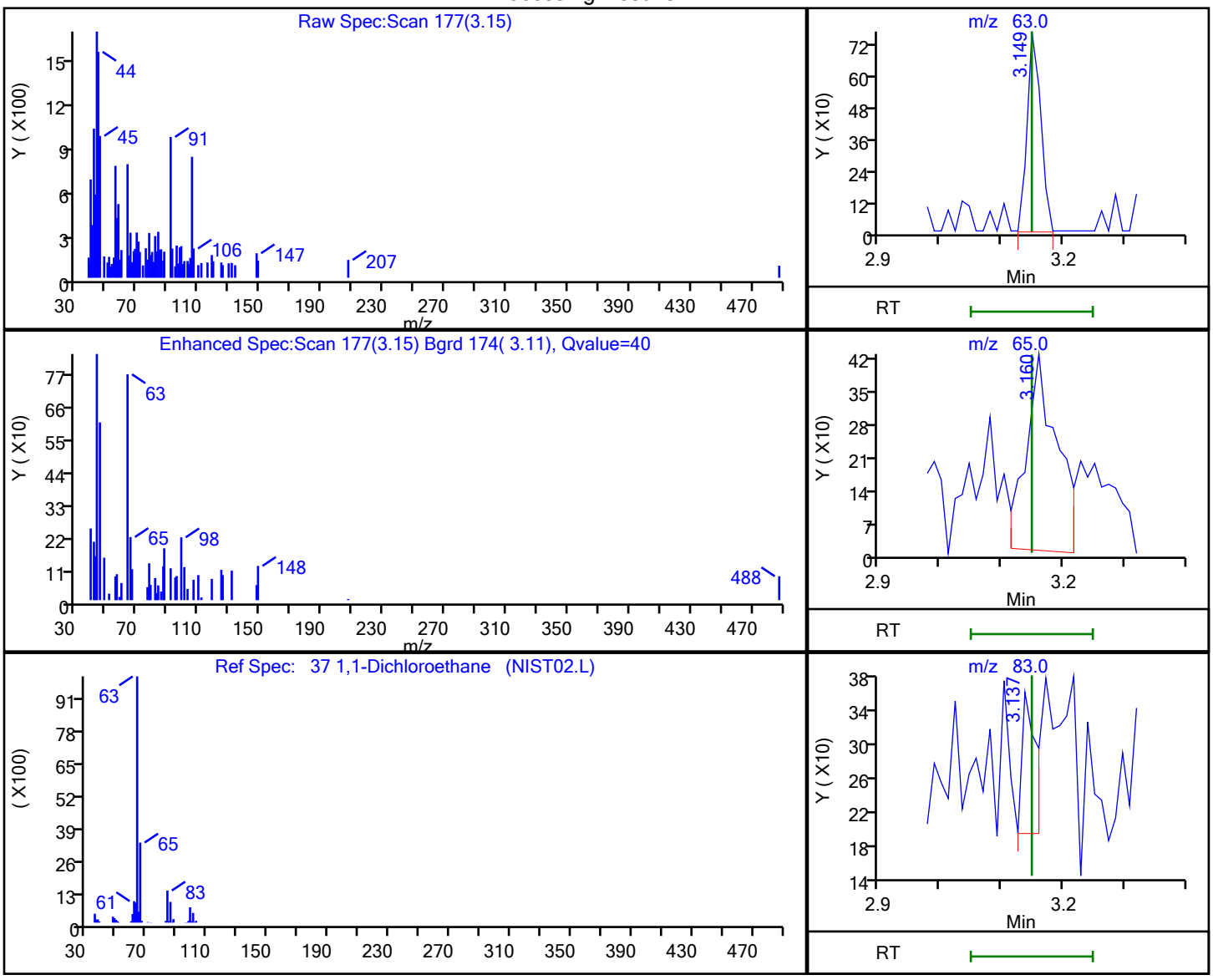
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.15	63.00	1189	0.192818
3.16	65.00	1501	
3.14	83.00	252	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

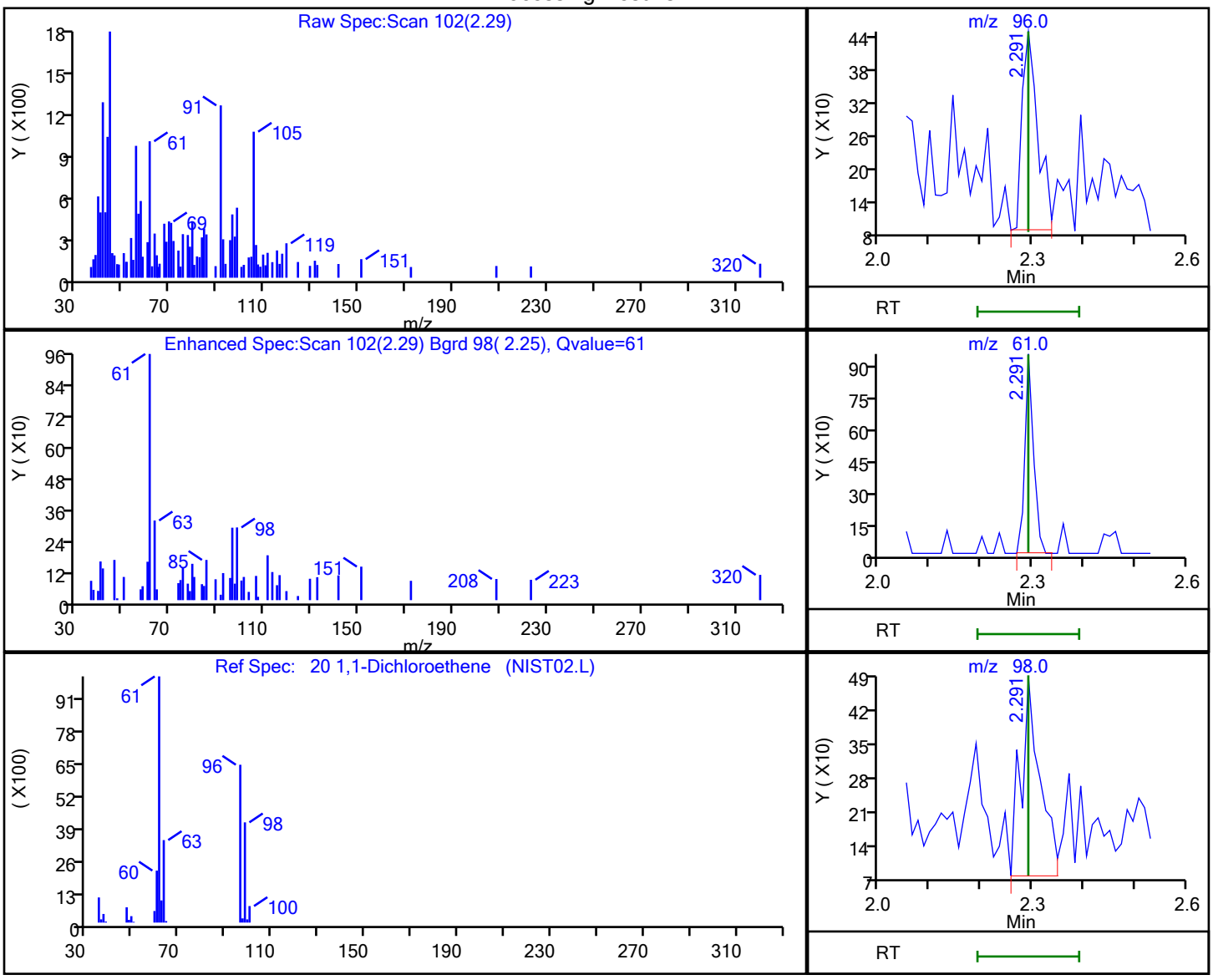
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.29	96.00	780	0.199575
2.29	61.00	1137	
2.29	98.00	1074	
2.29	63.00	555	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

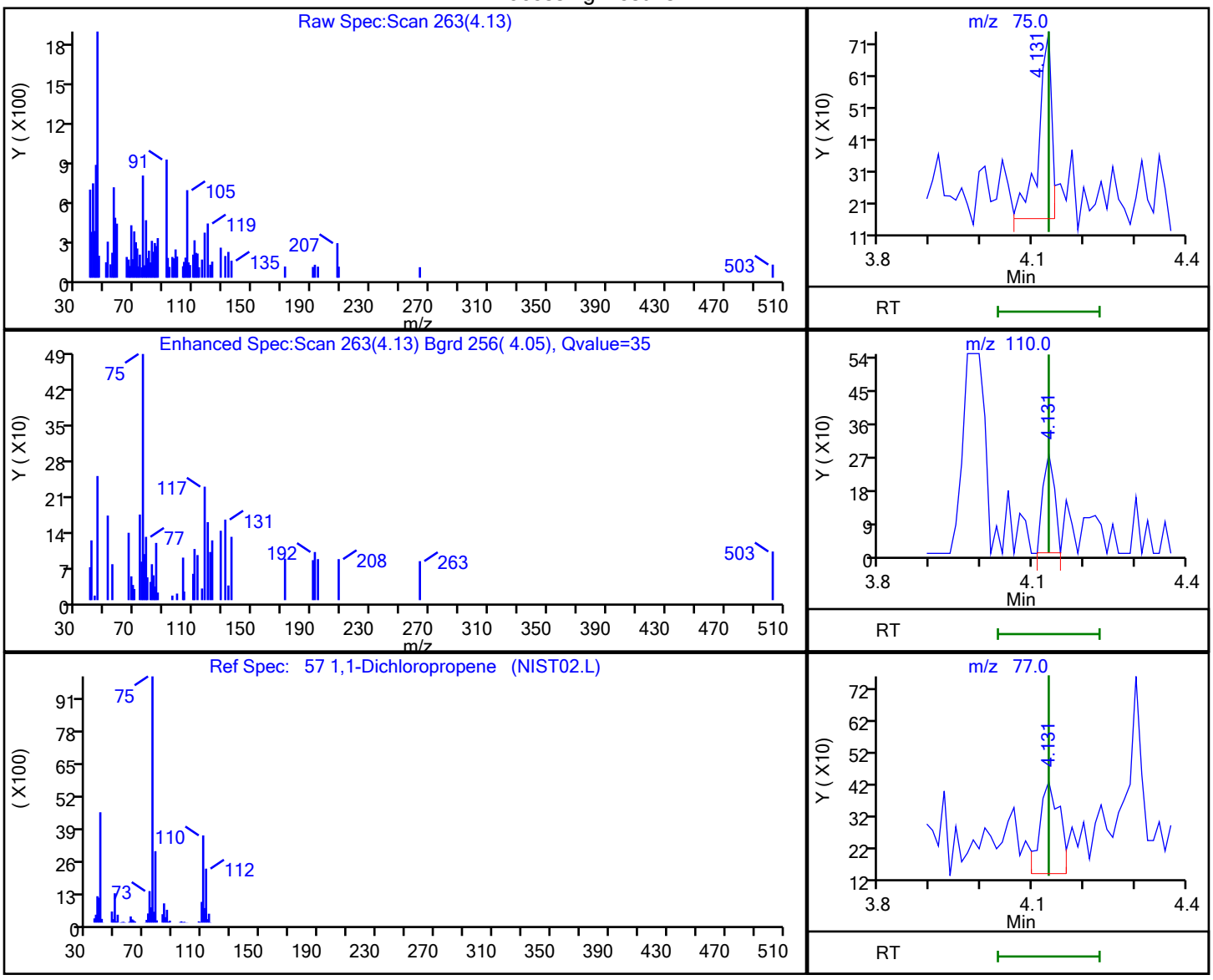
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.13	75.00	1082	0.209366
4.13	110.00	436	
4.13	77.00	802	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

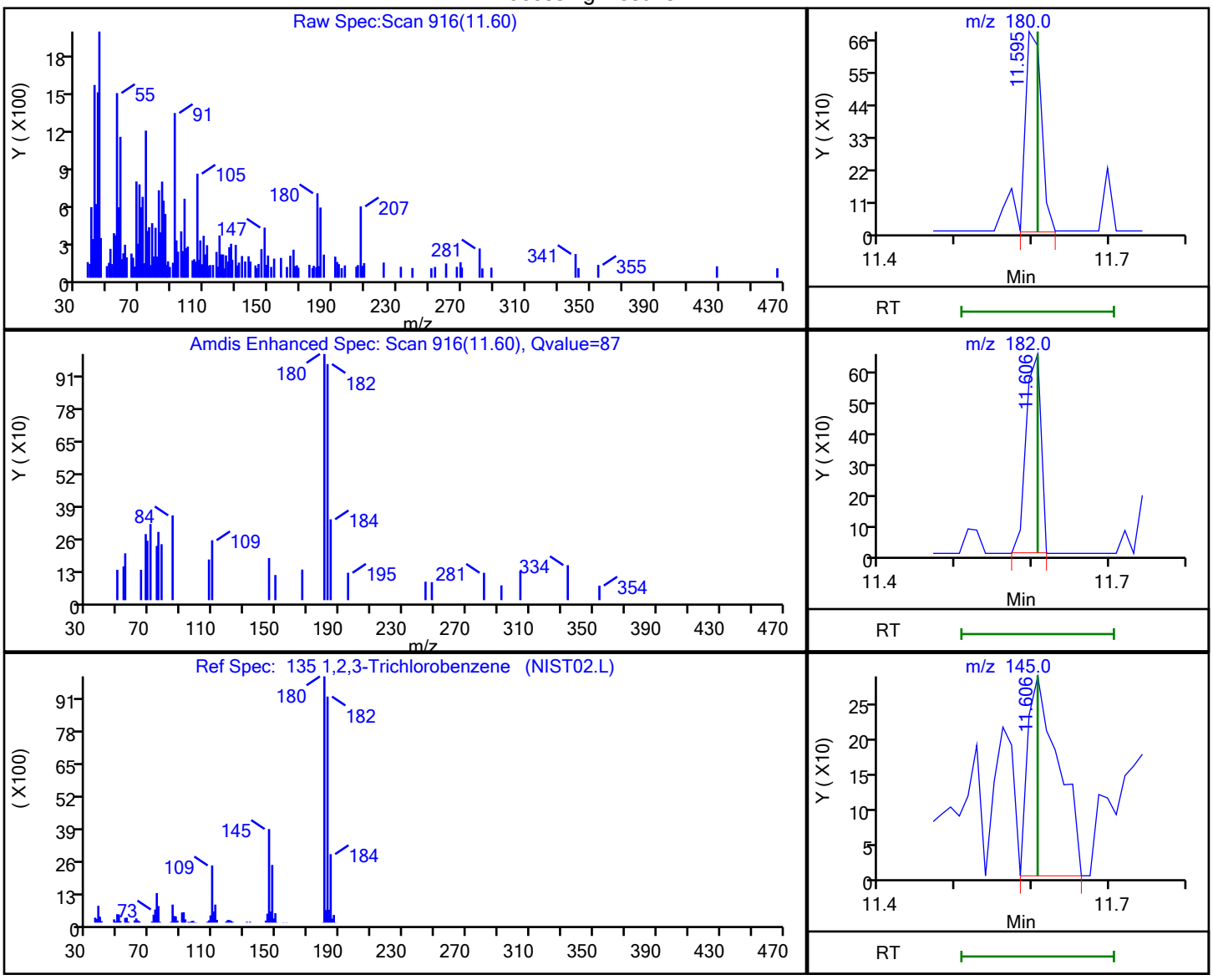
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.60	180.00	966	0.197225
11.61	182.00	888	
11.61	145.00	803	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

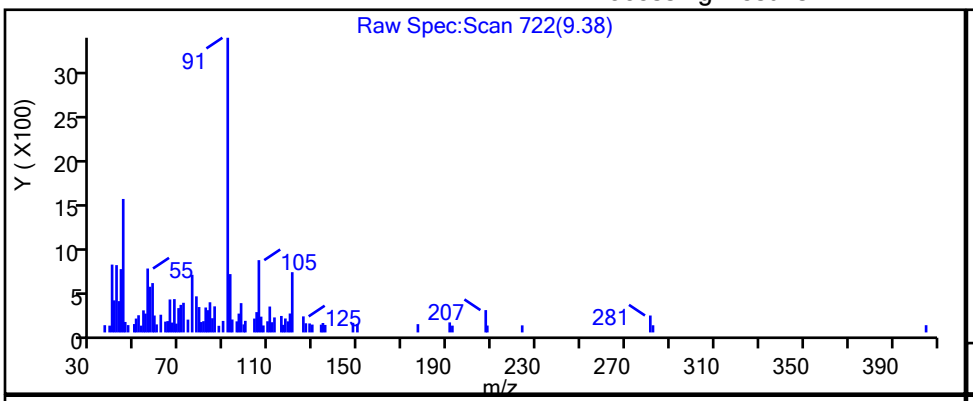
User Disabled Compound Report

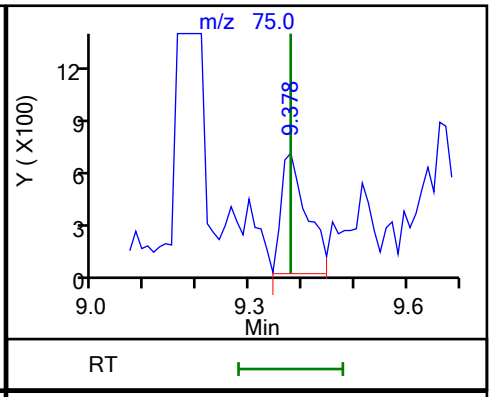
Eurofins Edison

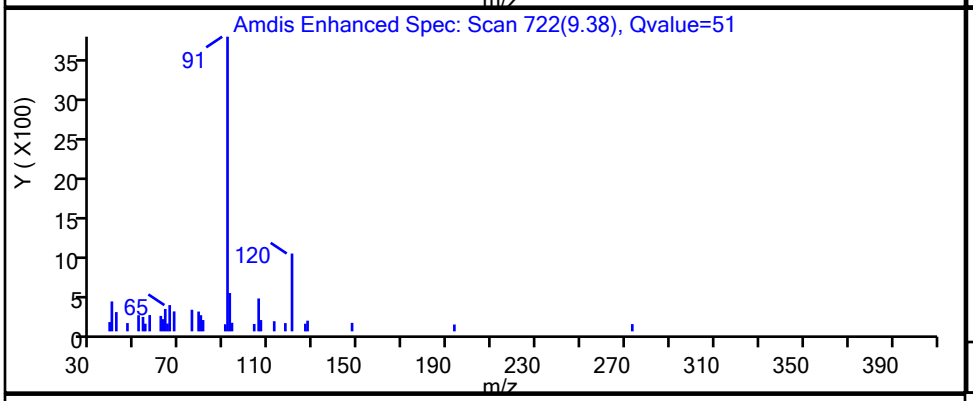
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

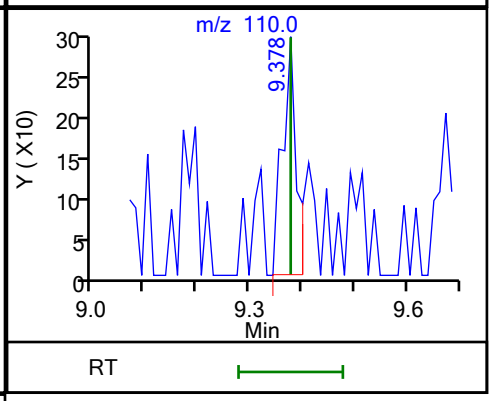
108 1,2,3-Trichloropropane, CAS: 96-18-4

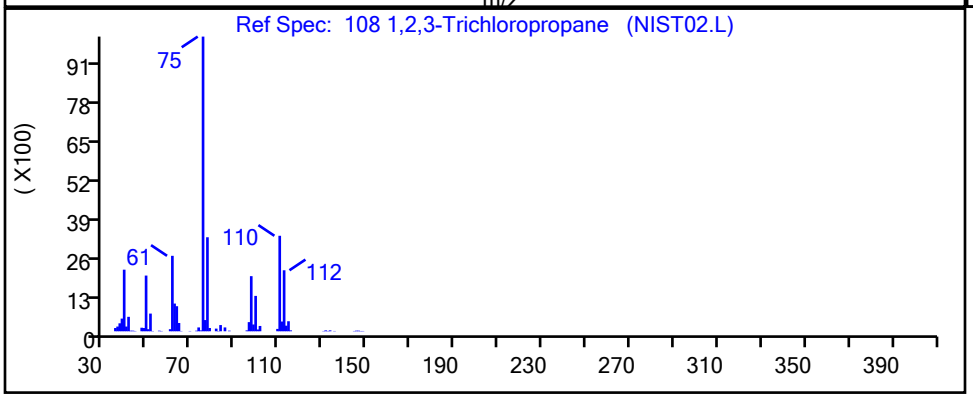
Processing Results











RT	Mass	Response	Amount
9.38	75.00	2245	0.200000
9.38	110.00	551	

Reviewer: NN6A, 12-Aug-2025 08:49:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

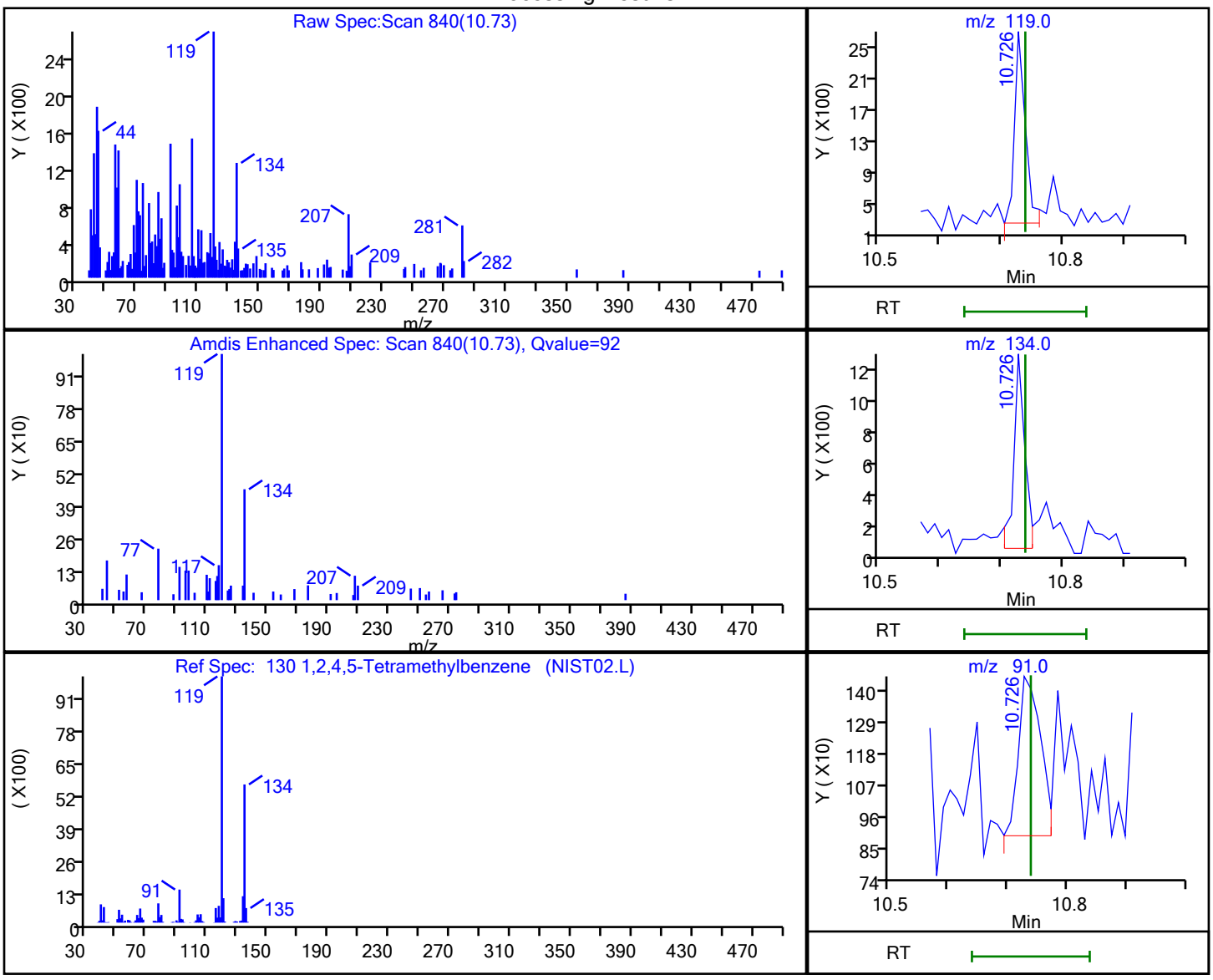
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.73	119.00	2980	0.203832
10.73	134.00	1522	
10.73	91.00	1464	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

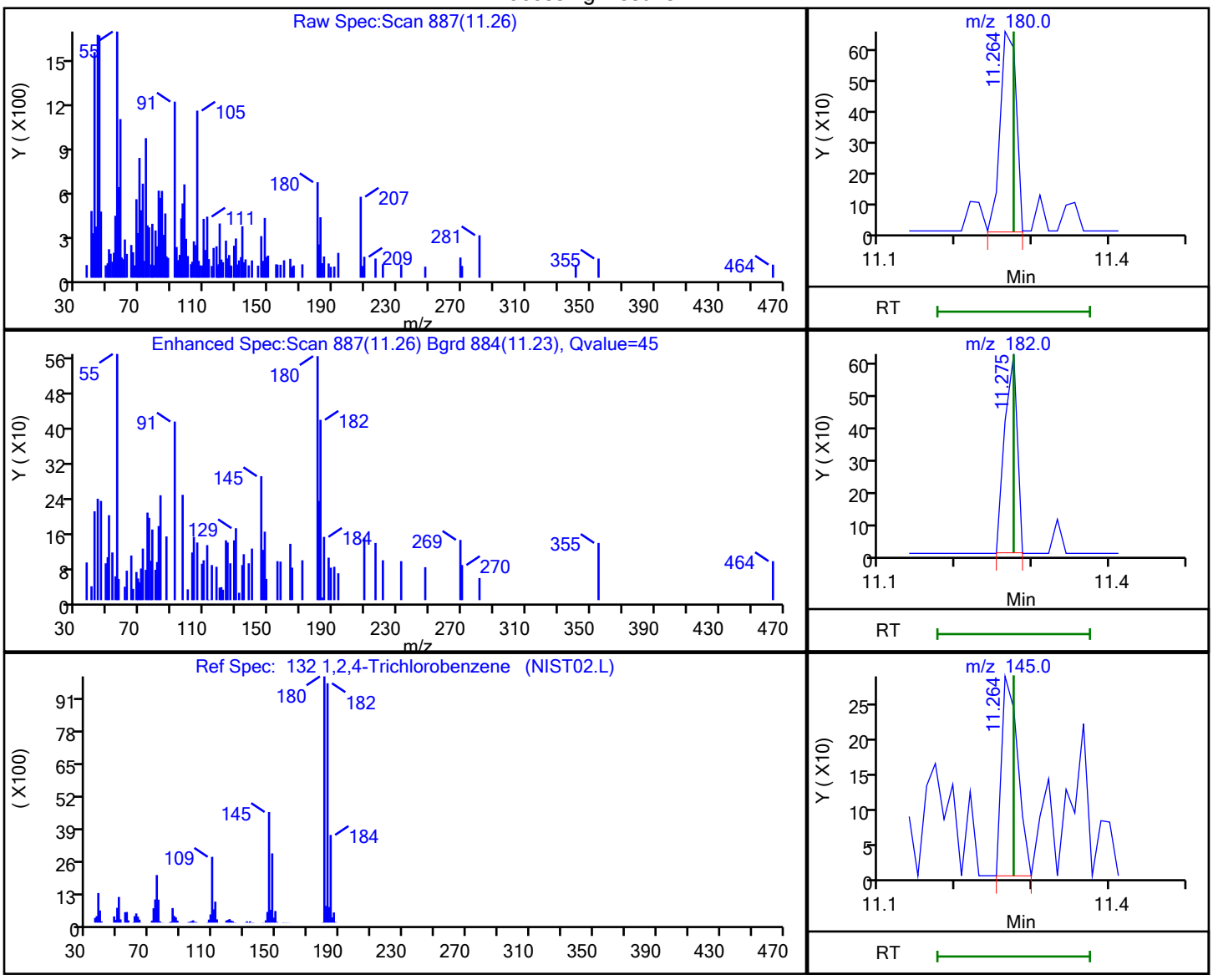
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.26	180.00	950	0.198783
11.28	182.00	715	
11.26	145.00	420	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

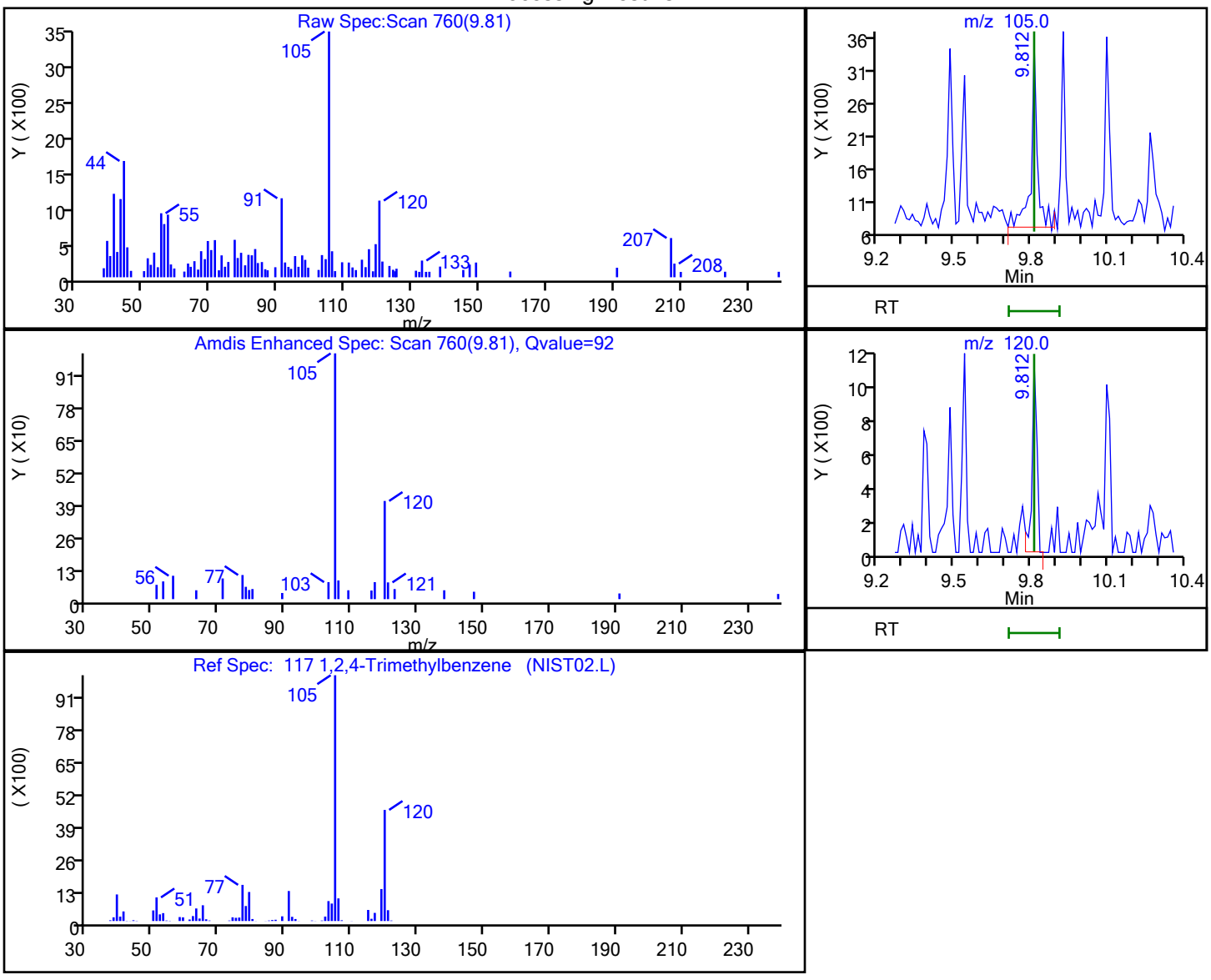
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.81	105.00	4830	0.200000
9.81	120.00	1467	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

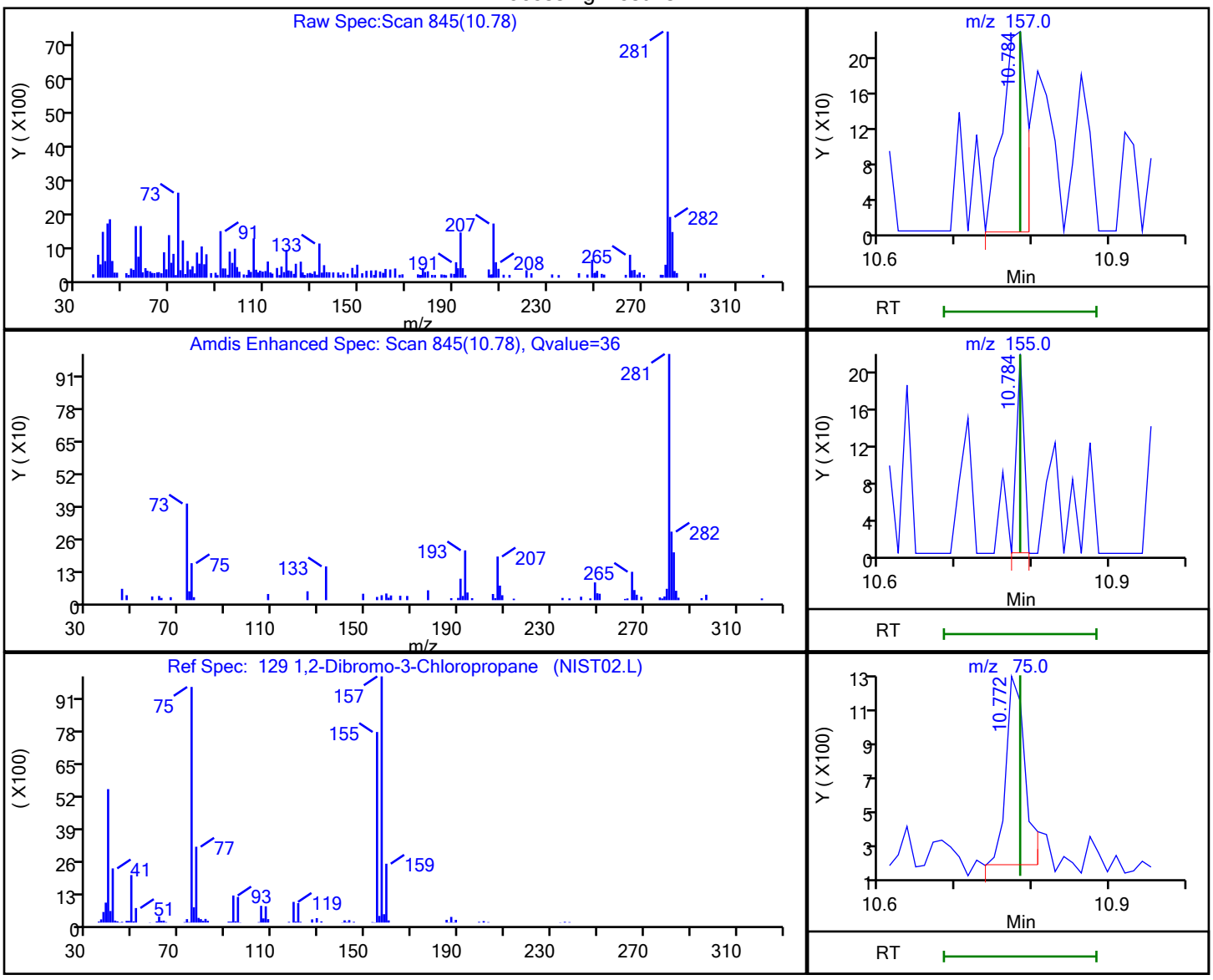
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
10.78	157.00	508	0.200000
10.78	155.00	150	
10.77	75.00	1828	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

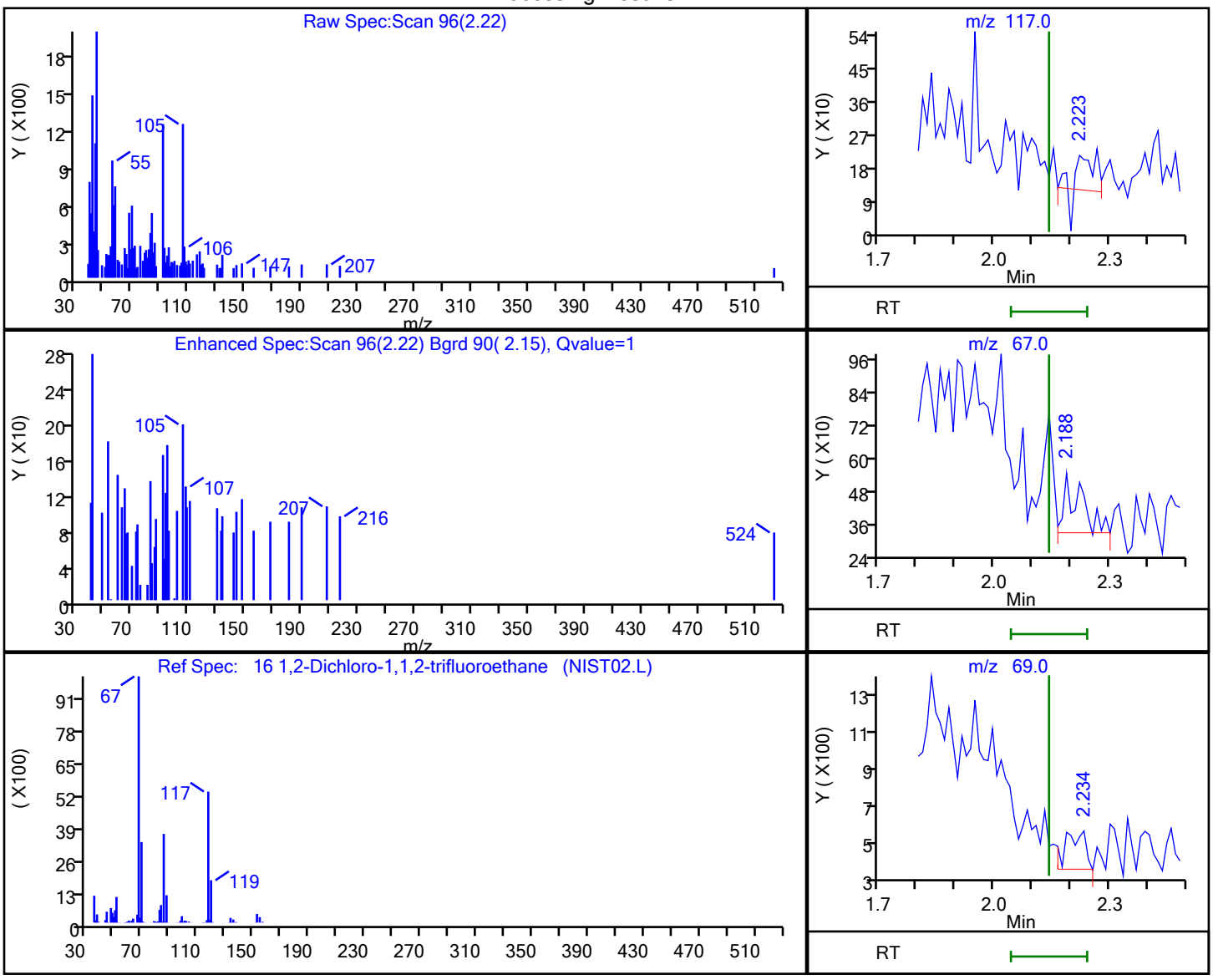
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.22	117.00	319	0.054179
2.19	67.00	677	
2.23	69.00	736	
2.18	119.00	427	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

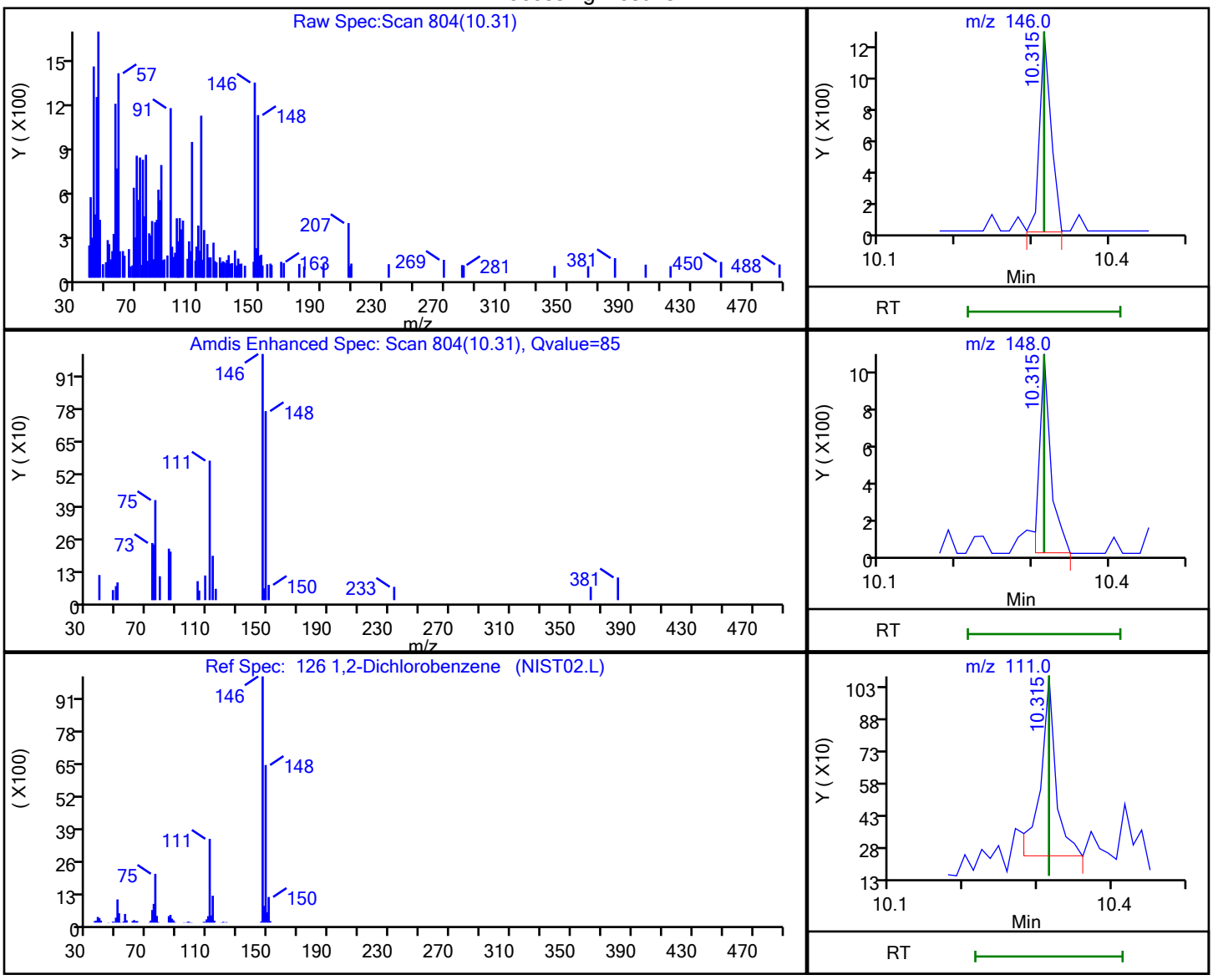
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.31	146.00	1323	0.178645
10.31	148.00	1110	
10.31	111.00	1234	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

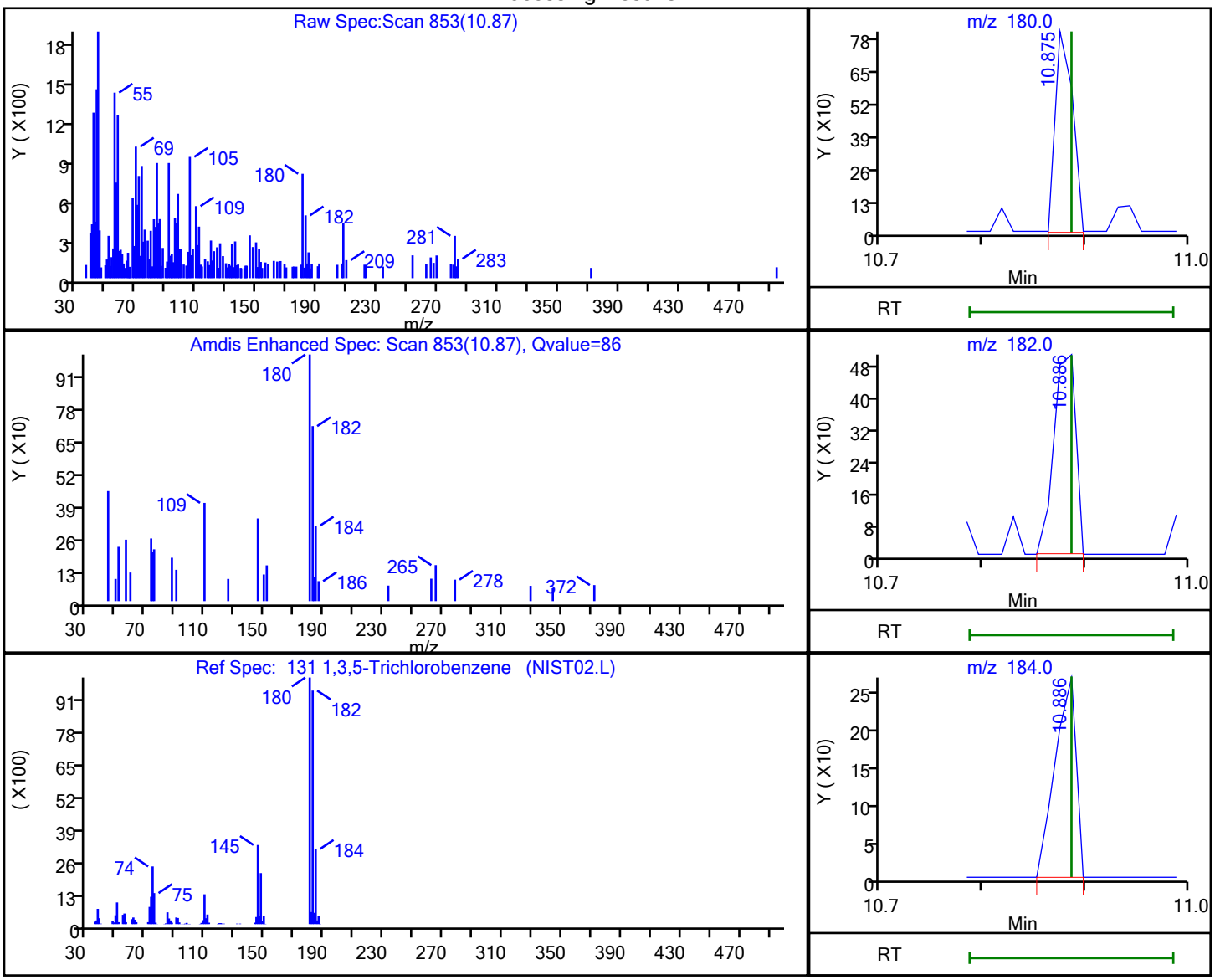
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
10.87	180.00	948	0.193653
10.89	182.00	766	
10.89	184.00	379	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

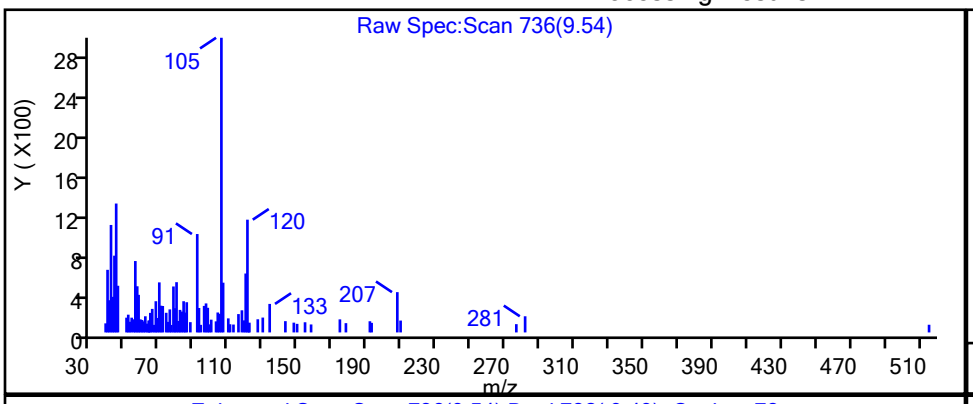
User Disabled Compound Report

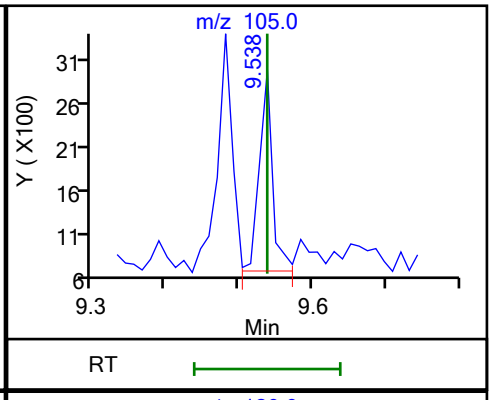
Eurofins Edison

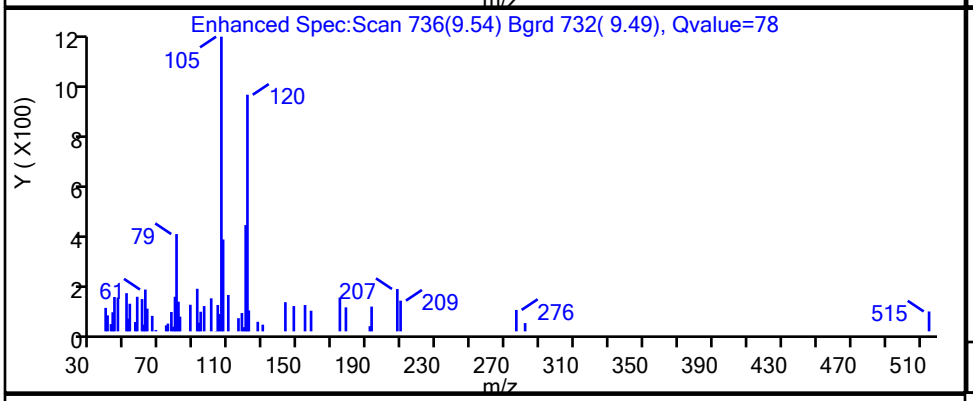
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

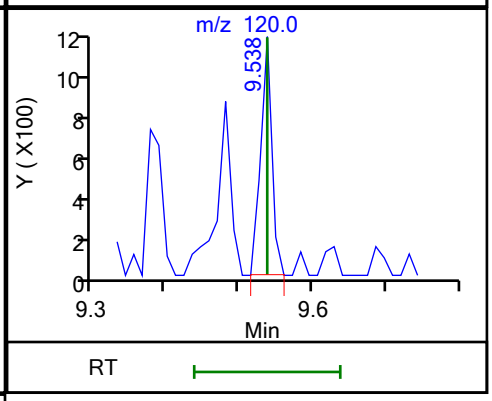
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

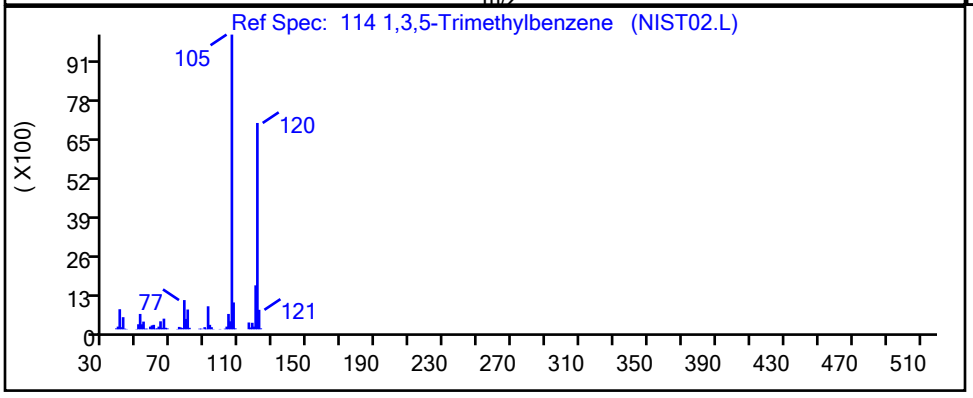
Processing Results











RT	Mass	Response	Amount
9.54	105.00	2778	0.203343
9.54	120.00	1209	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

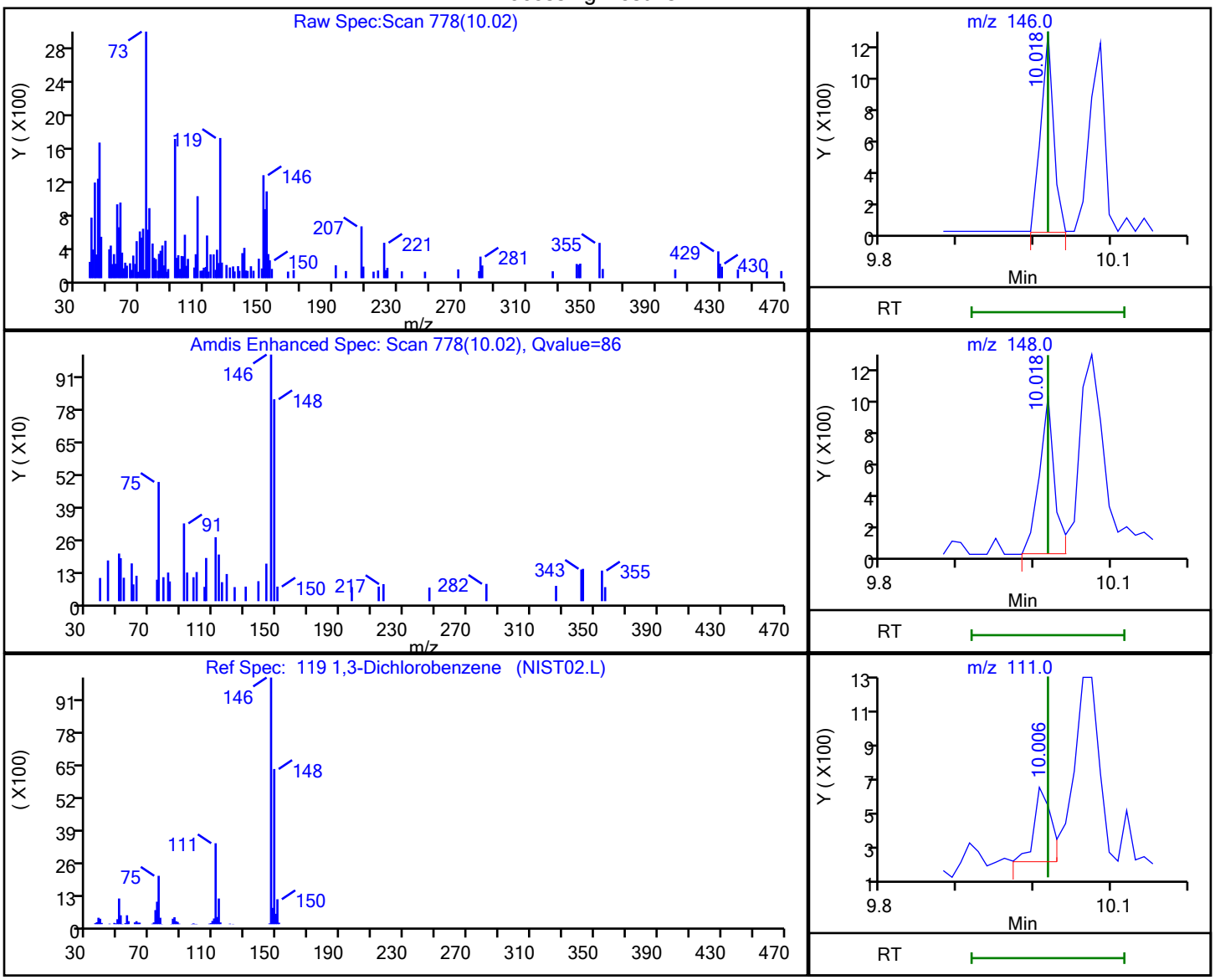
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.02	146.00	1389	0.191666
10.02	148.00	1421	
10.01	111.00	636	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

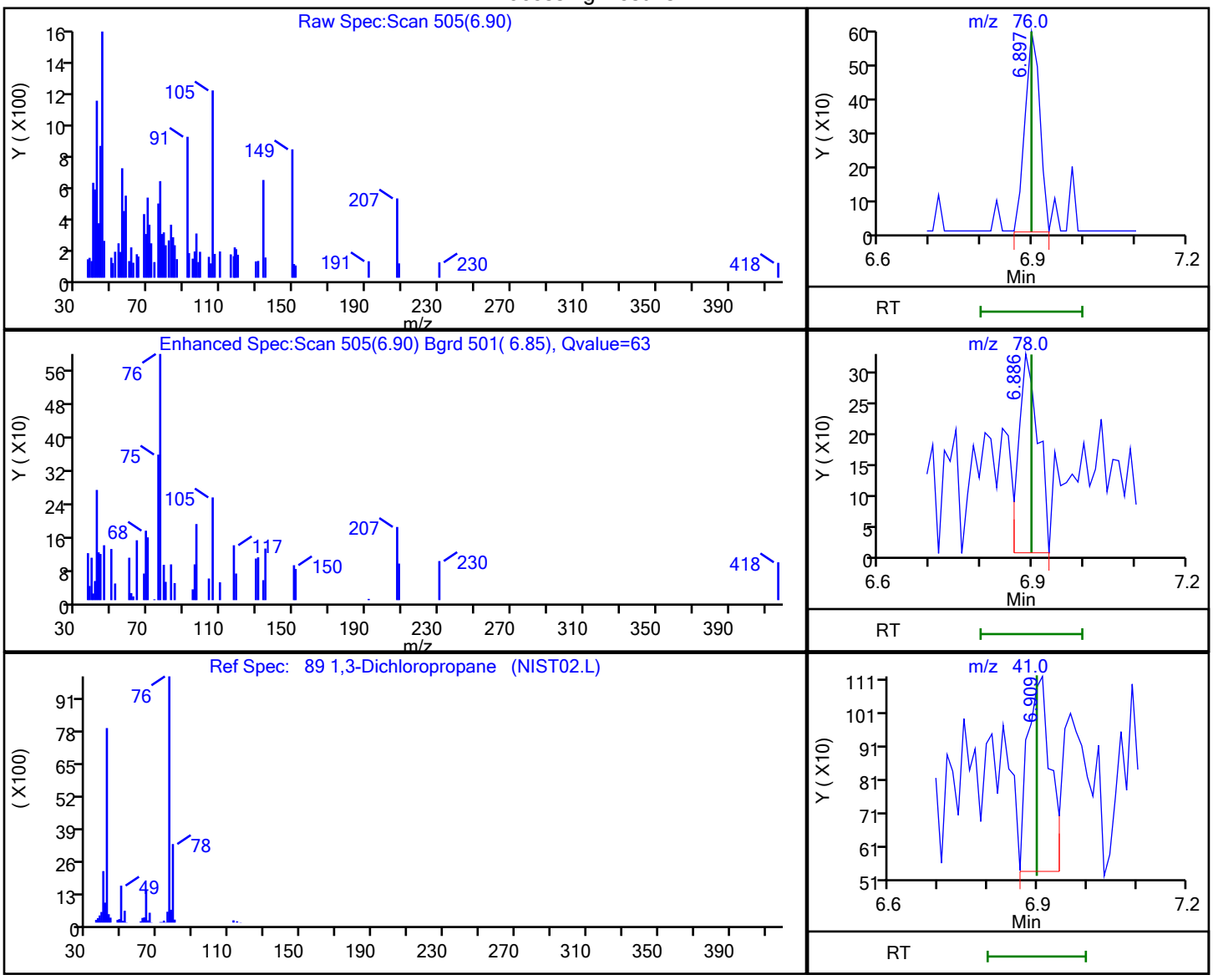
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.90	76.00	1194	0.203300
6.89	78.00	868	
6.91	41.00	1875	

Reviewer: NN6A, 12-Aug-2025 08:49:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

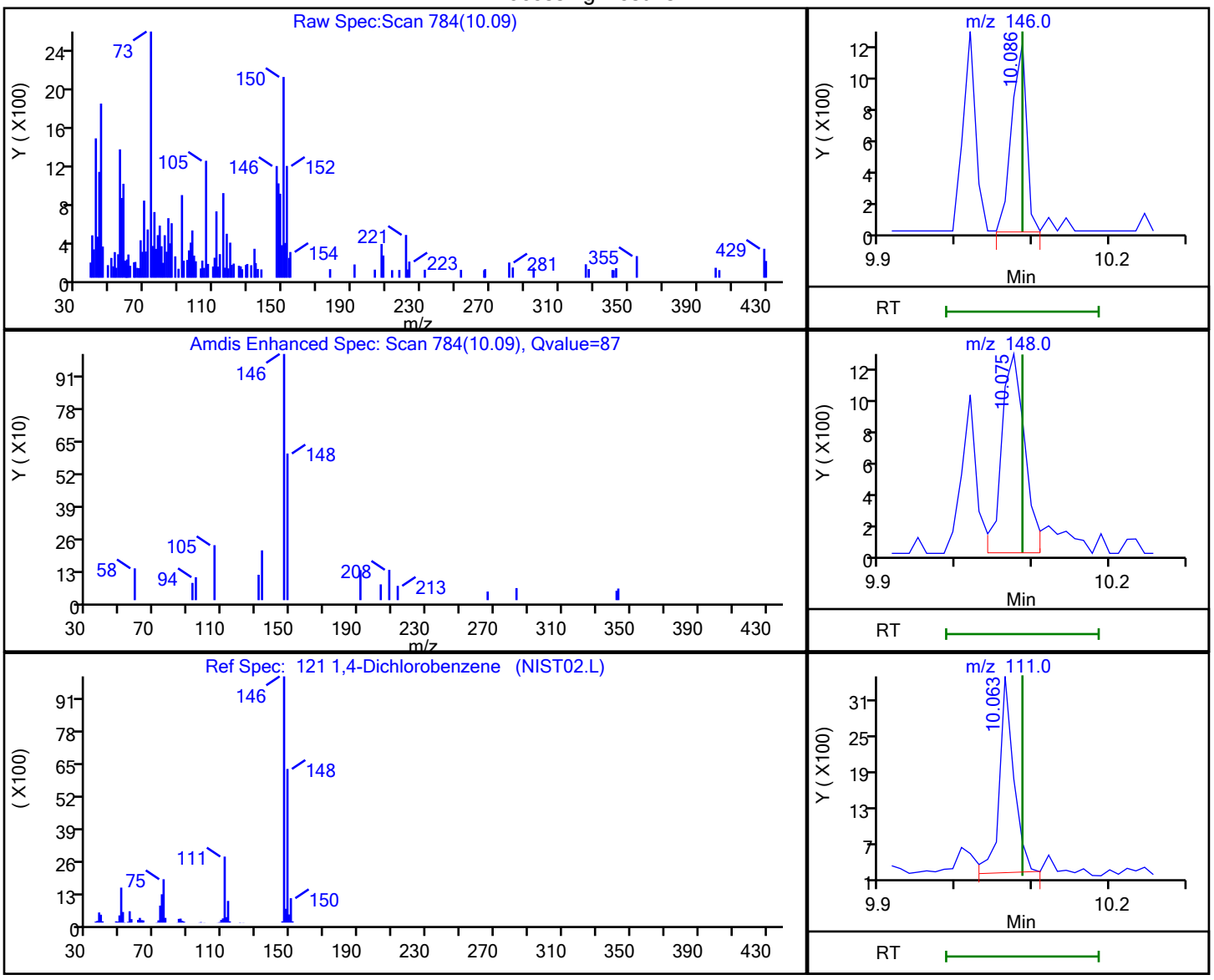
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.09	146.00	1541	0.193103
10.07	148.00	2758	
10.06	111.00	4286	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

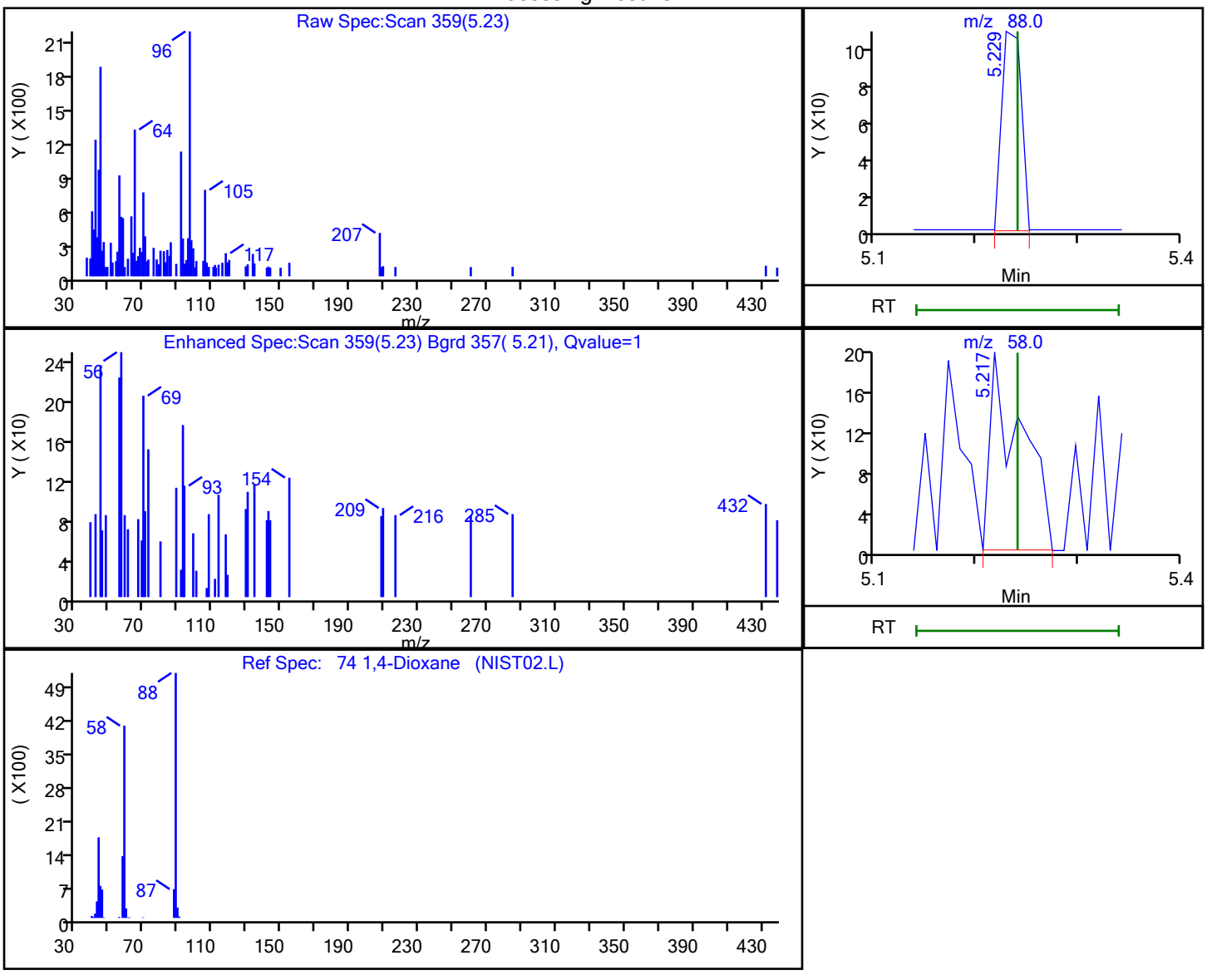
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
5.23	88.00	145	4.000000
5.22	58.00	409	

Reviewer: NN6A, 12-Aug-2025 08:48:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

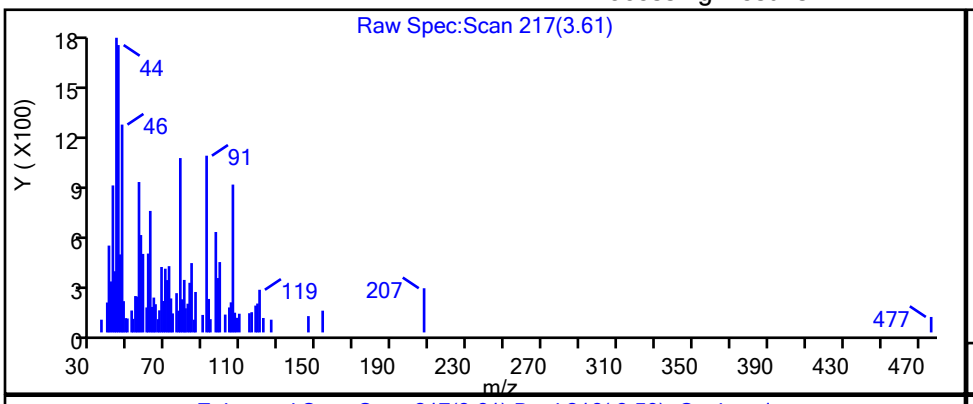
User Disabled Compound Report

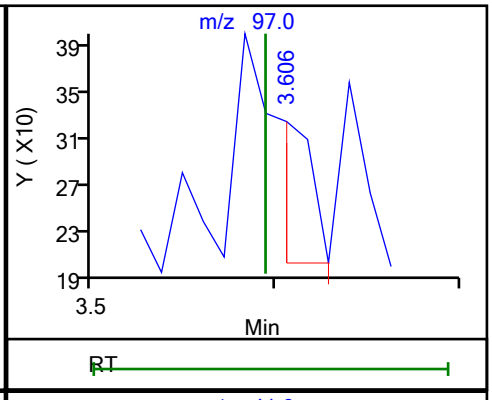
Eurofins Edison

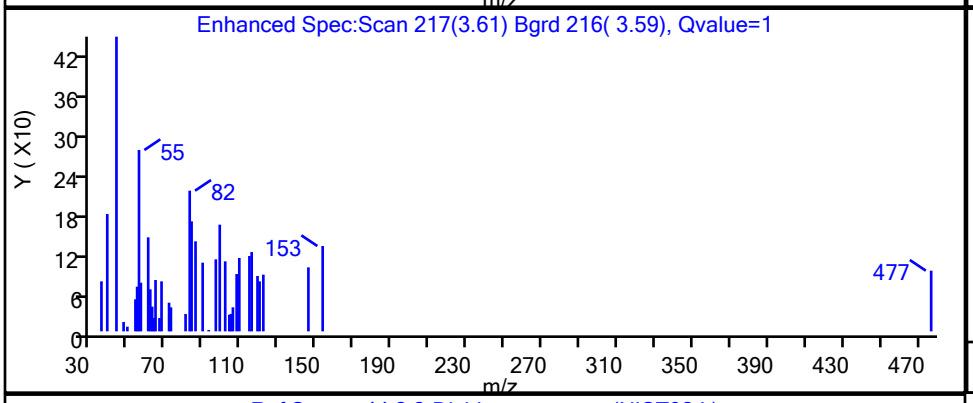
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

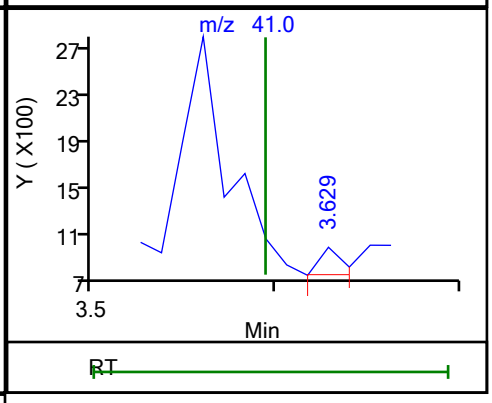
44 2,2-Dichloropropane, CAS: 594-20-7

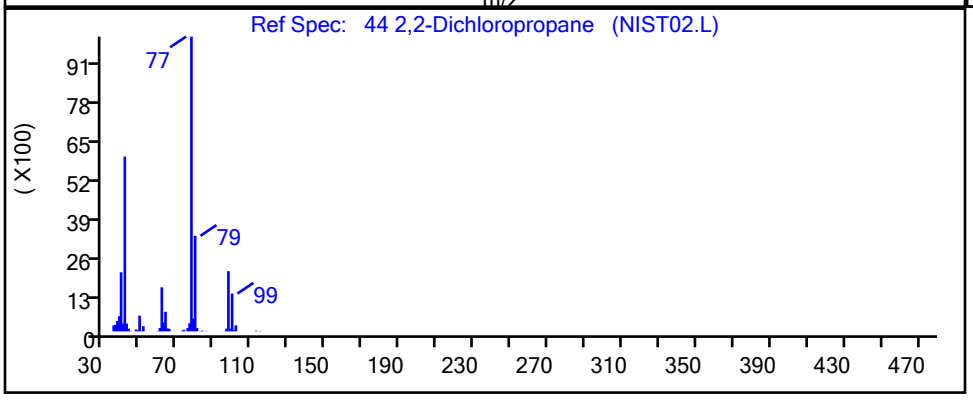
Processing Results











RT	Mass	Response	Amount
3.61	97.00	154	0.200000
3.63	41.00	208	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

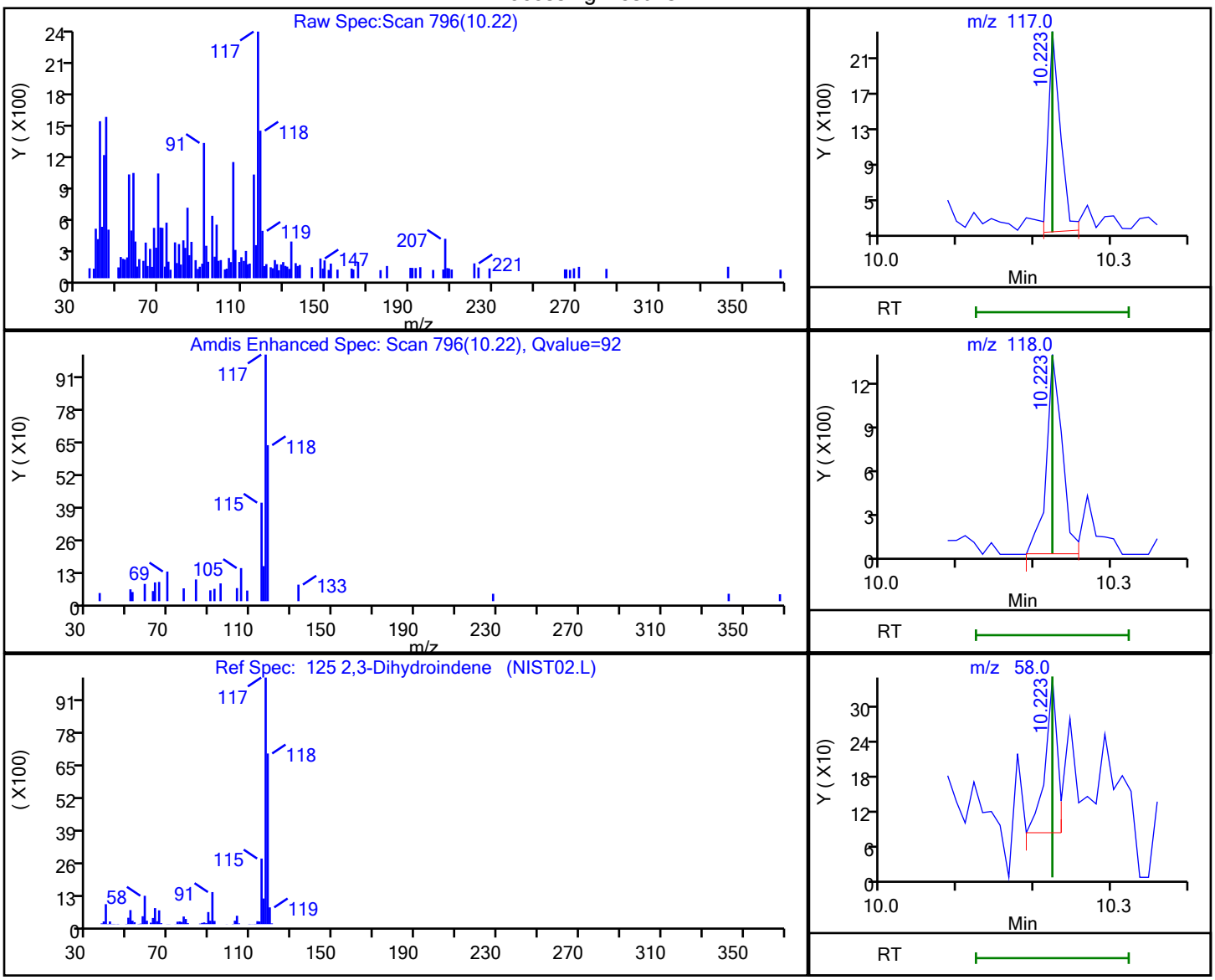
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.22	117.00	2441	0.188223
10.22	118.00	2010	
10.22	58.00	302	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

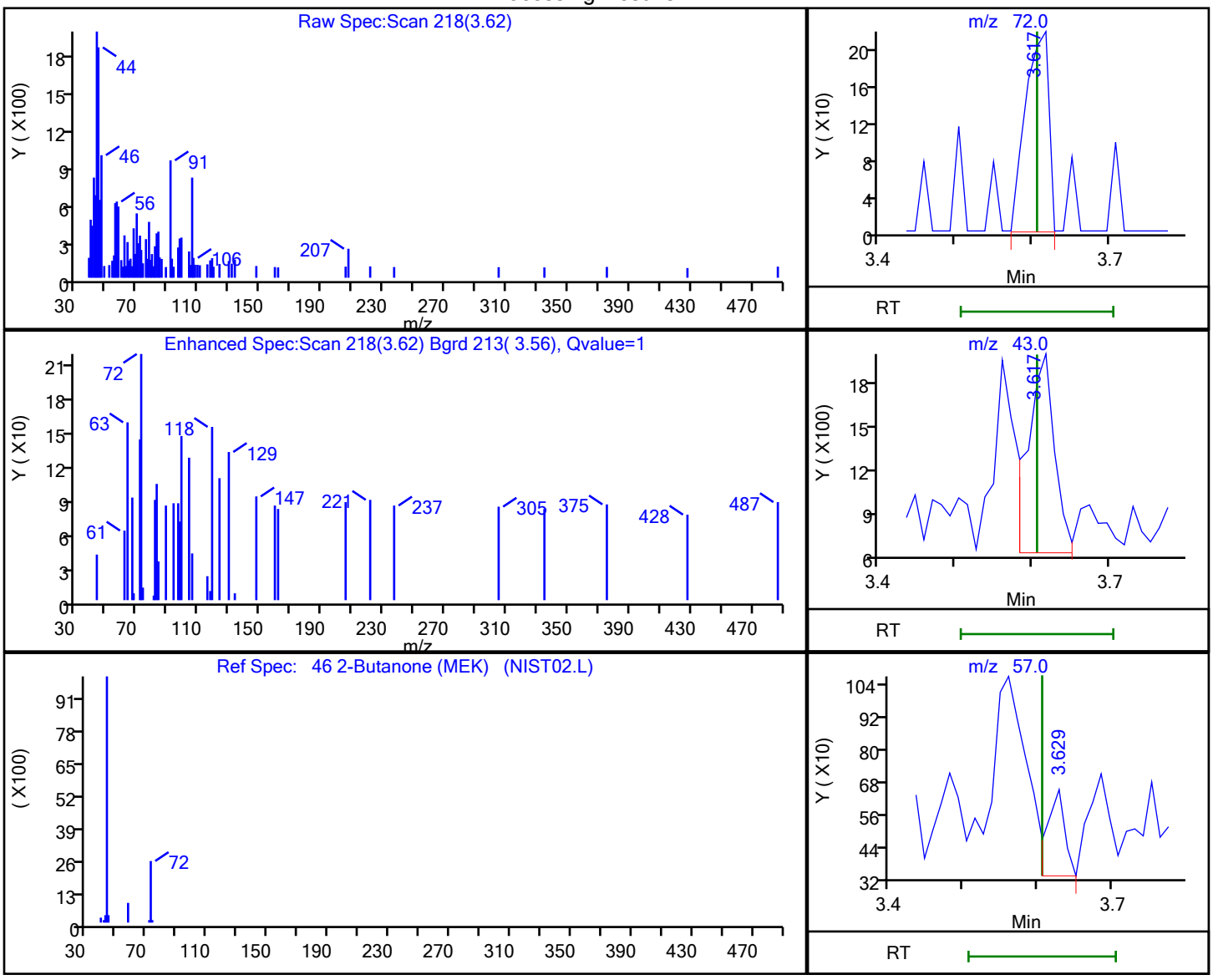
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.62	72.00	457	1.008650
3.62	43.00	3163	
3.63	57.00	537	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

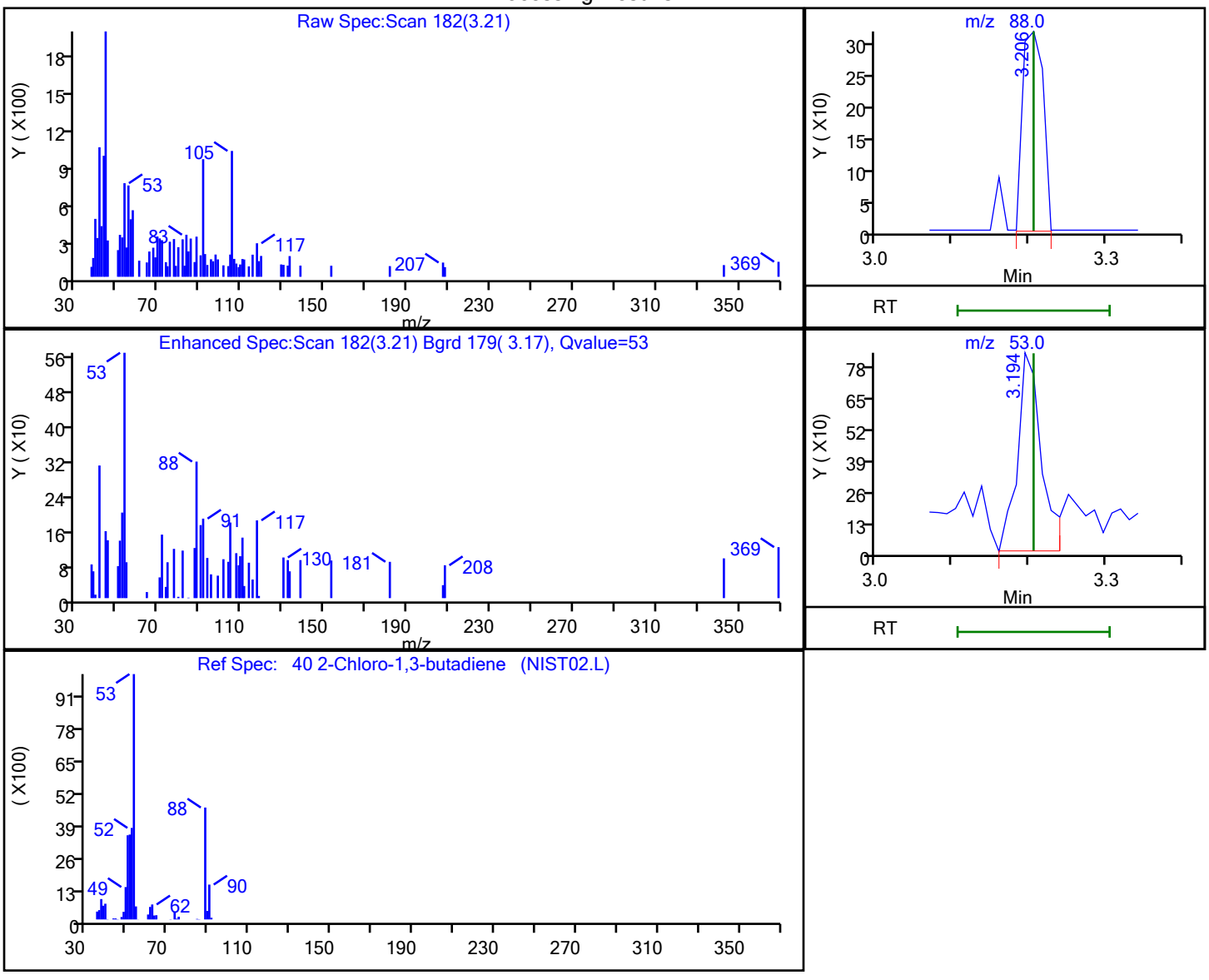
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

40 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
3.21	88.00	599	0.186502
3.19	53.00	1824	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

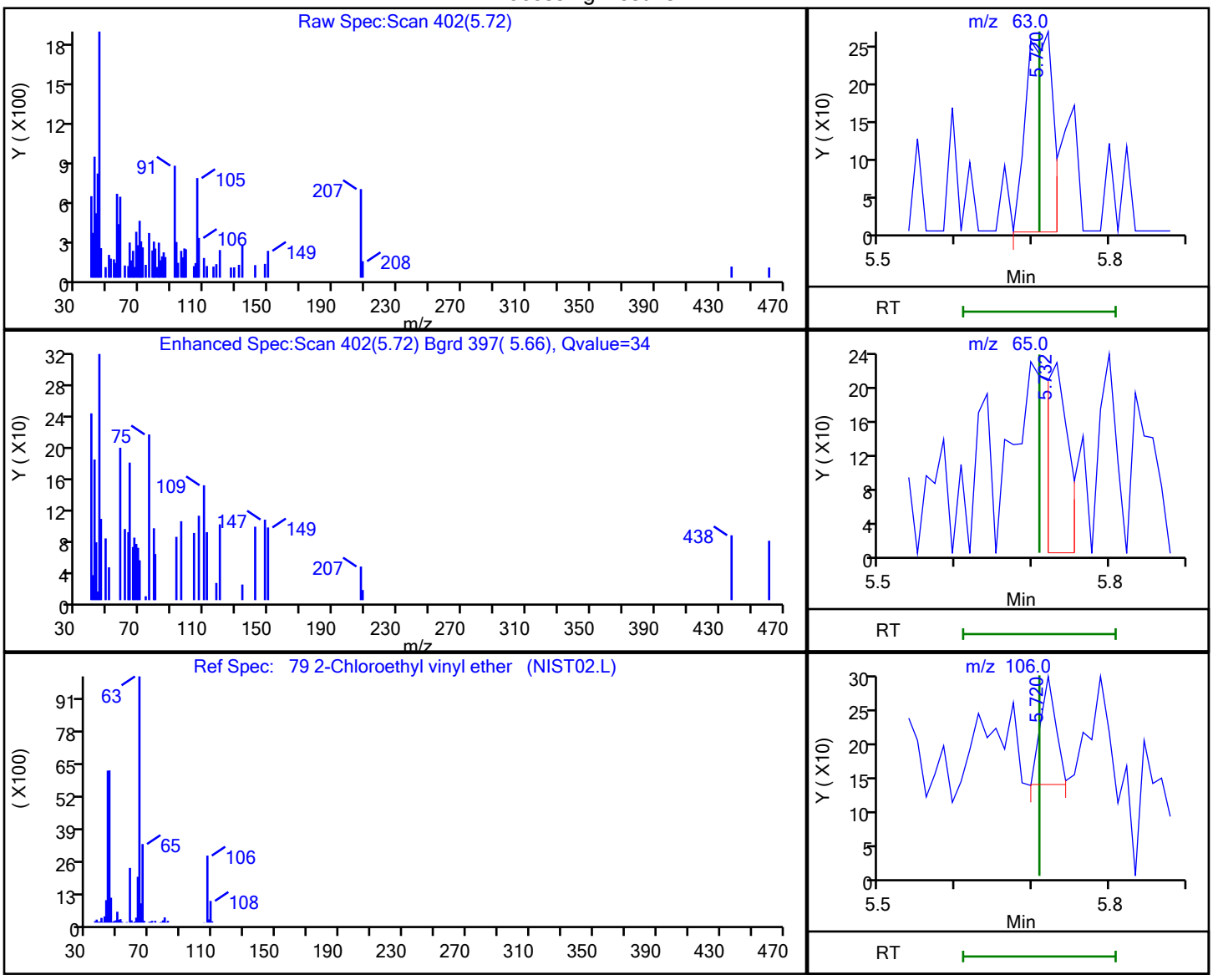
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.72	63.00	642	0.219411
5.73	65.00	449	
5.72	106.00	228	

Reviewer: NN6A, 12-Aug-2025 08:49:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

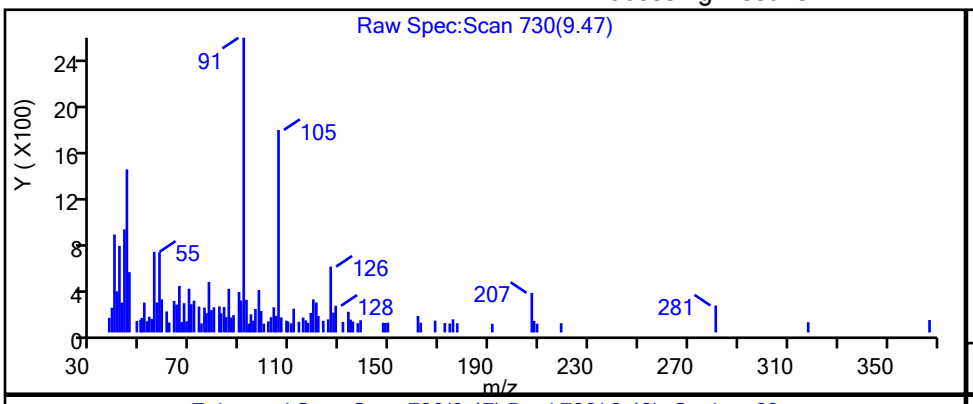
User Disabled Compound Report

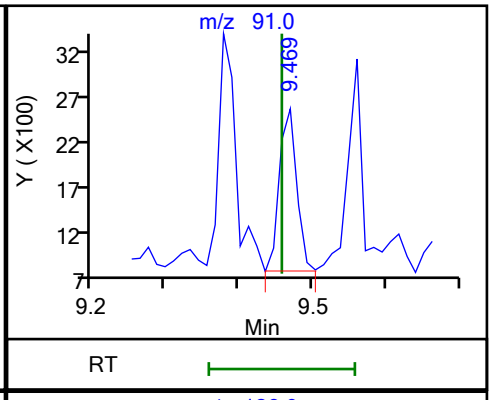
Eurofins Edison

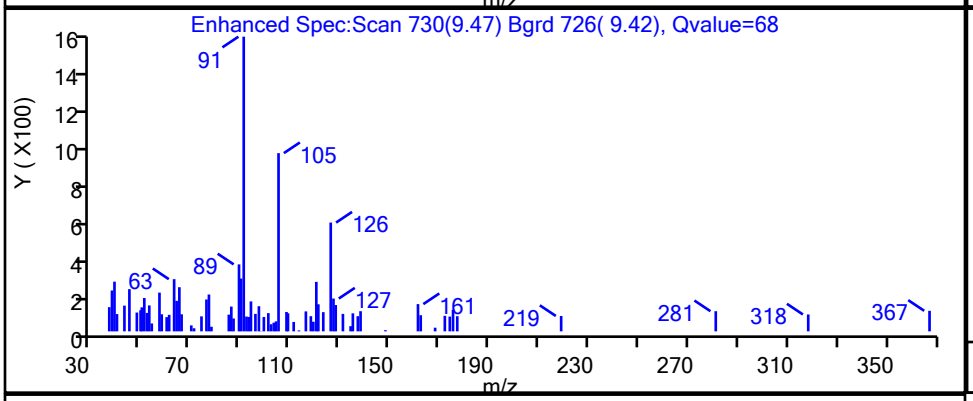
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

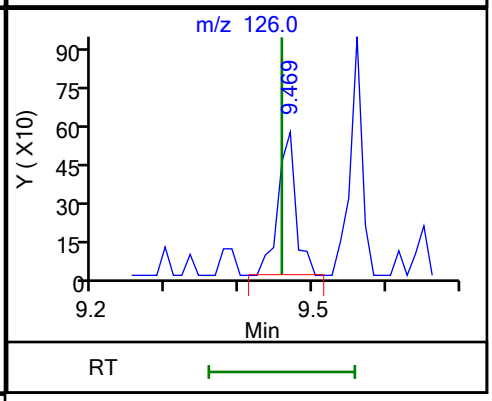
111 2-Chlorotoluene, CAS: 95-49-8

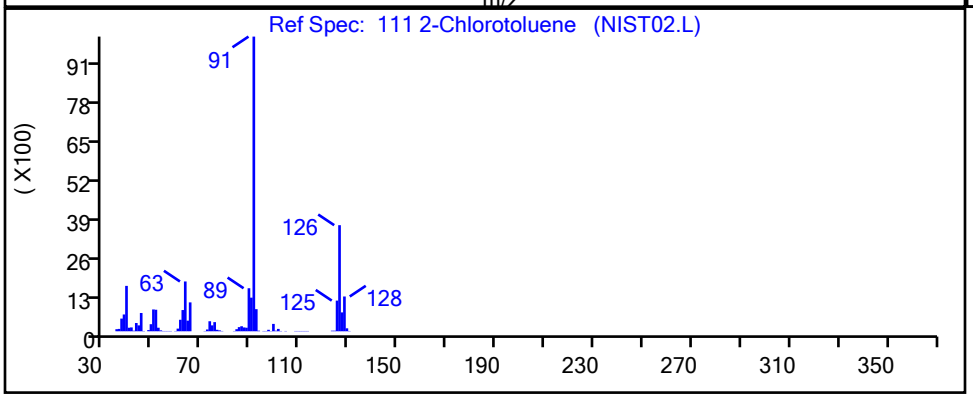
Processing Results











RT	Mass	Response	Amount
9.47	91.00	3025	0.223377
9.47	126.00	961	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

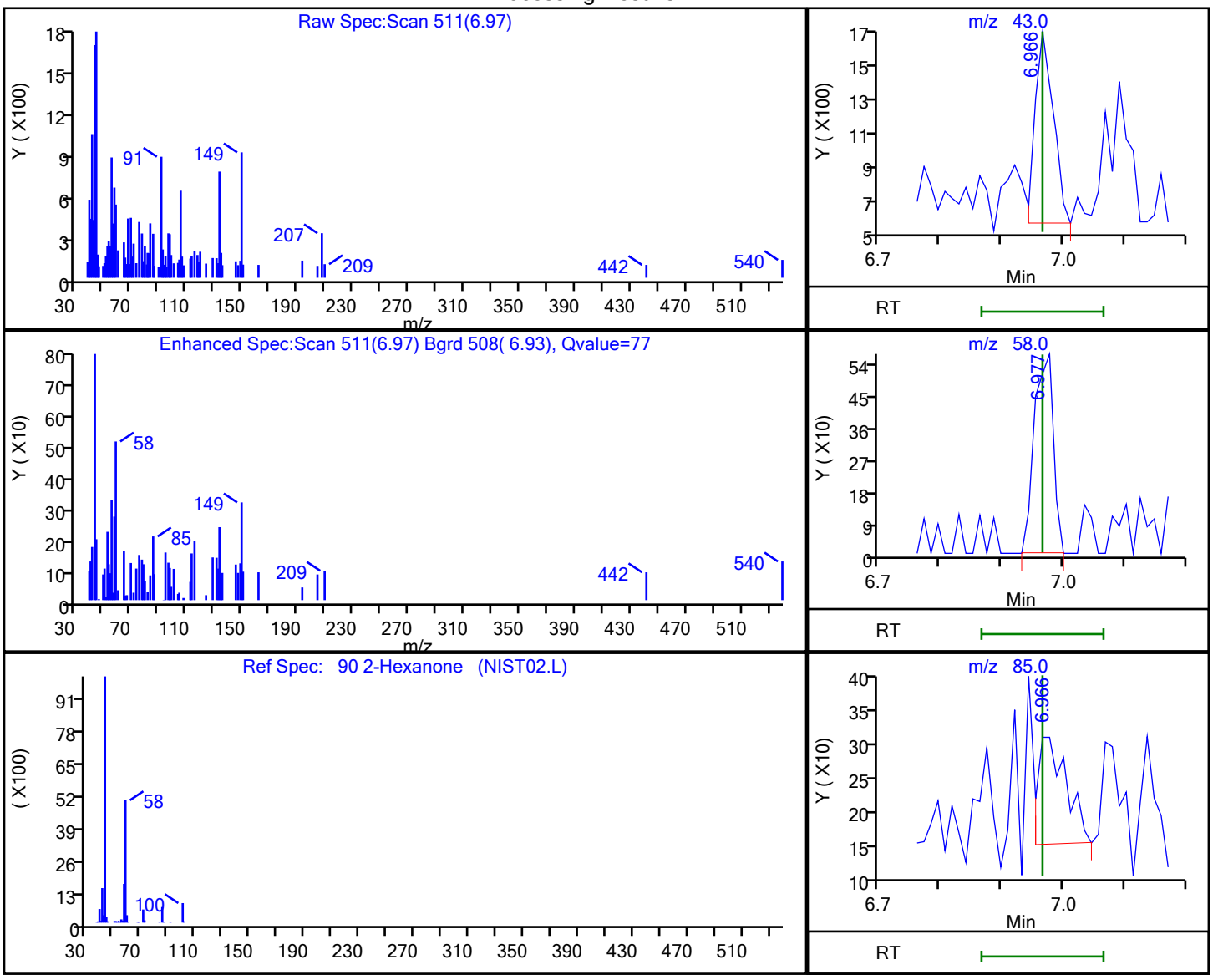
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.97	43.00	2095	0.998292
6.98	58.00	1237	
6.97	85.00	527	
6.98	100.00	242	

Reviewer: NN6A, 12-Aug-2025 08:49:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

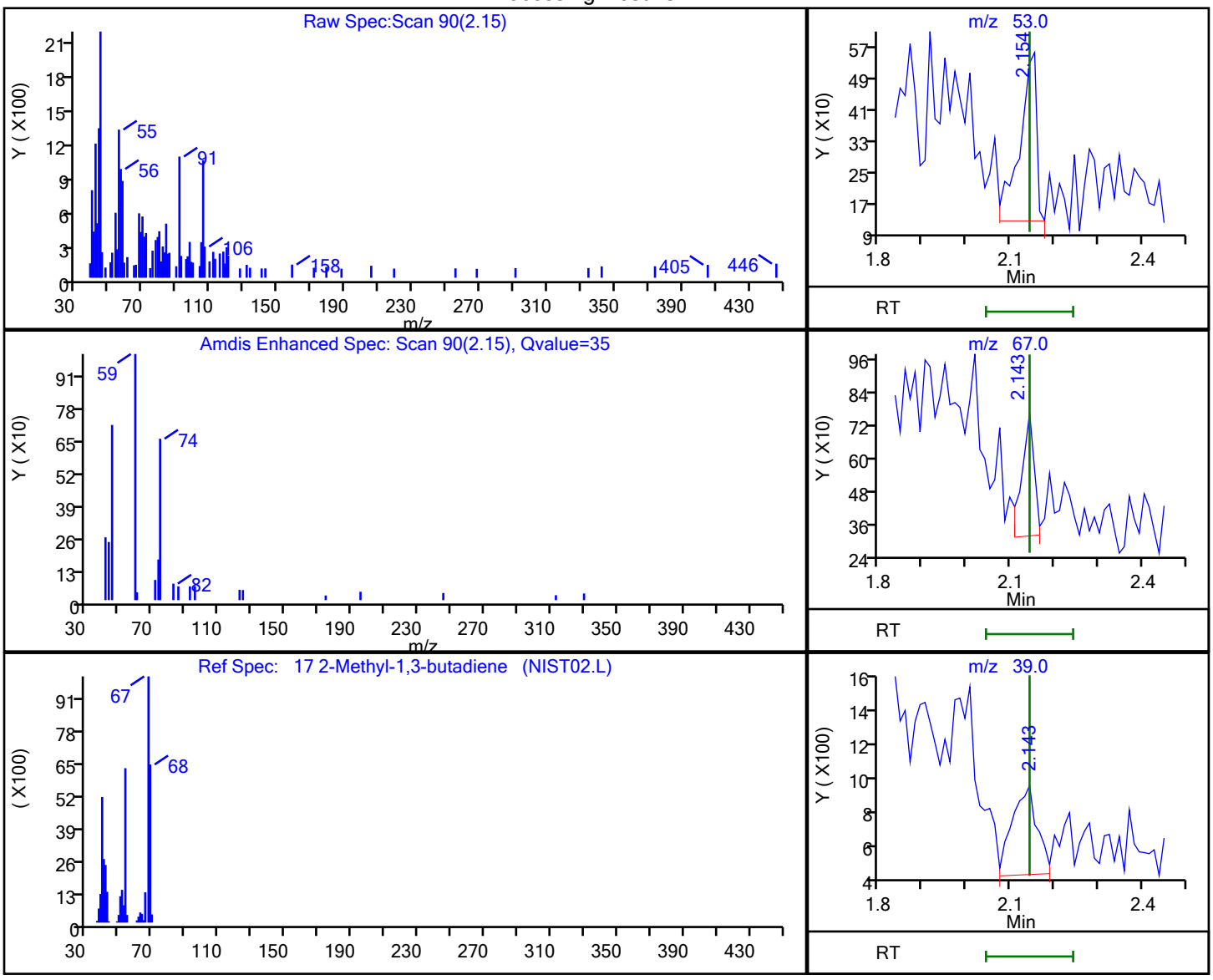
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.15	53.00	1151	0.200000
2.14	67.00	890	
2.14	39.00	1920	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

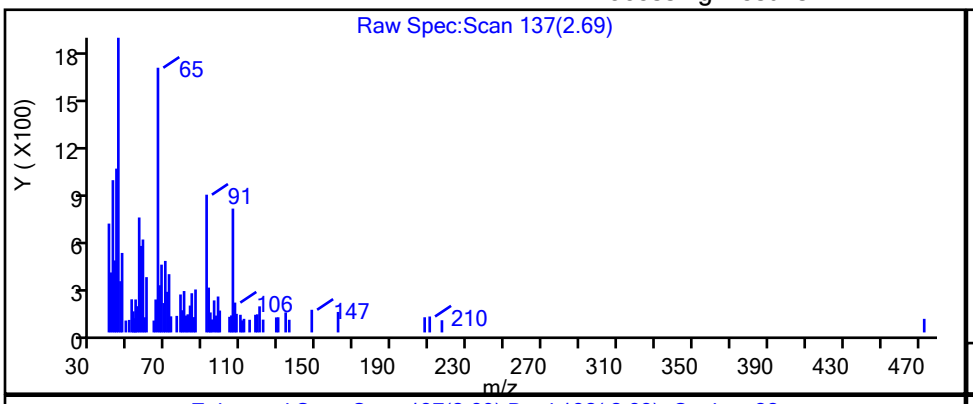
User Disabled Compound Report

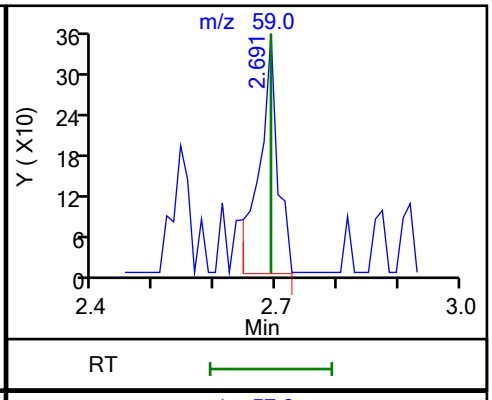
Eurofins Edison

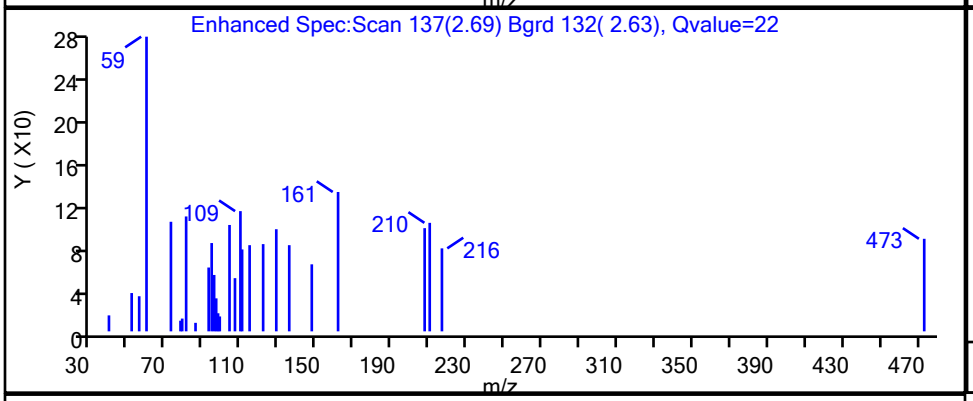
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

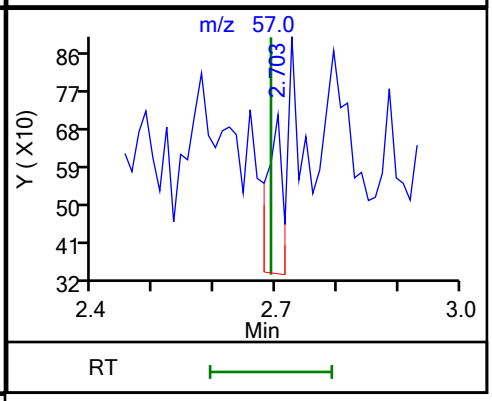
32 2-Methyl-2-propanol, CAS: 75-65-0

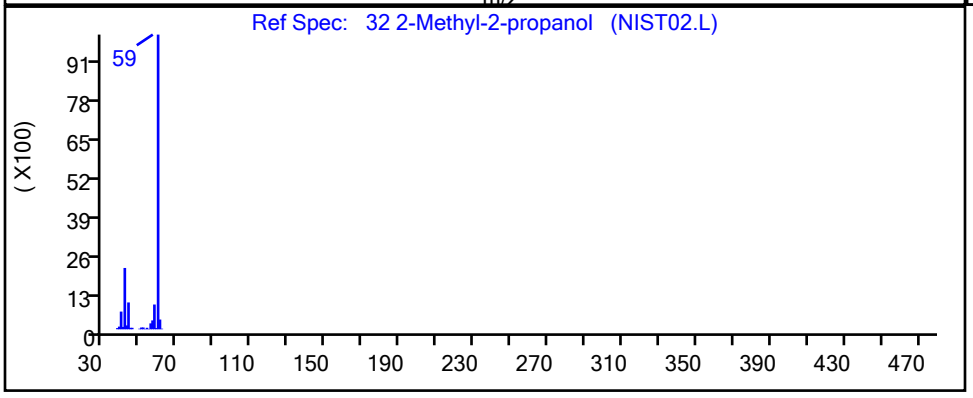
Processing Results











RT	Mass	Response	Amount
2.69	59.00	736	2.032909
2.70	57.00	669	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

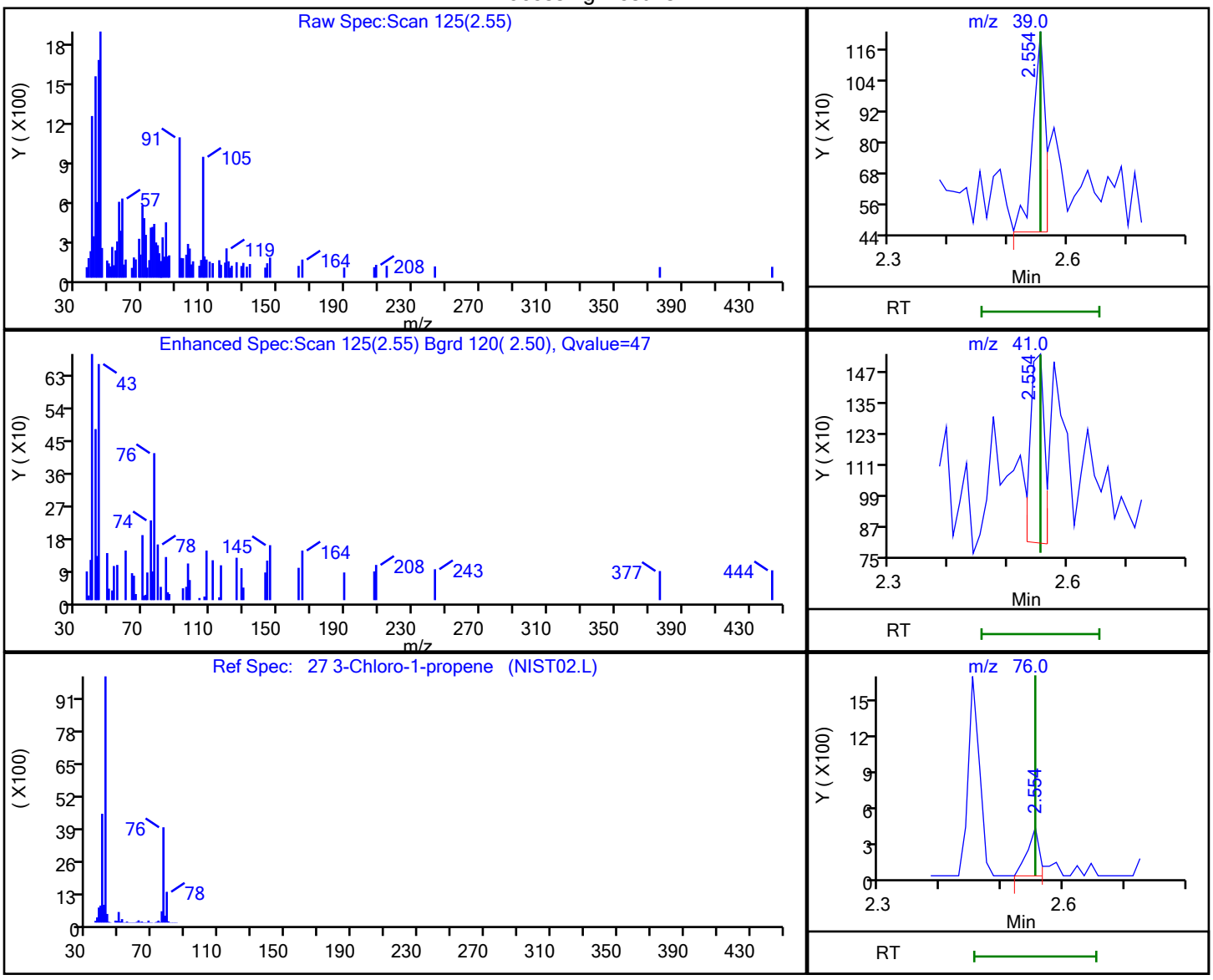
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.55	39.00	1165	0.206746
2.55	41.00	1244	
2.55	76.00	560	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

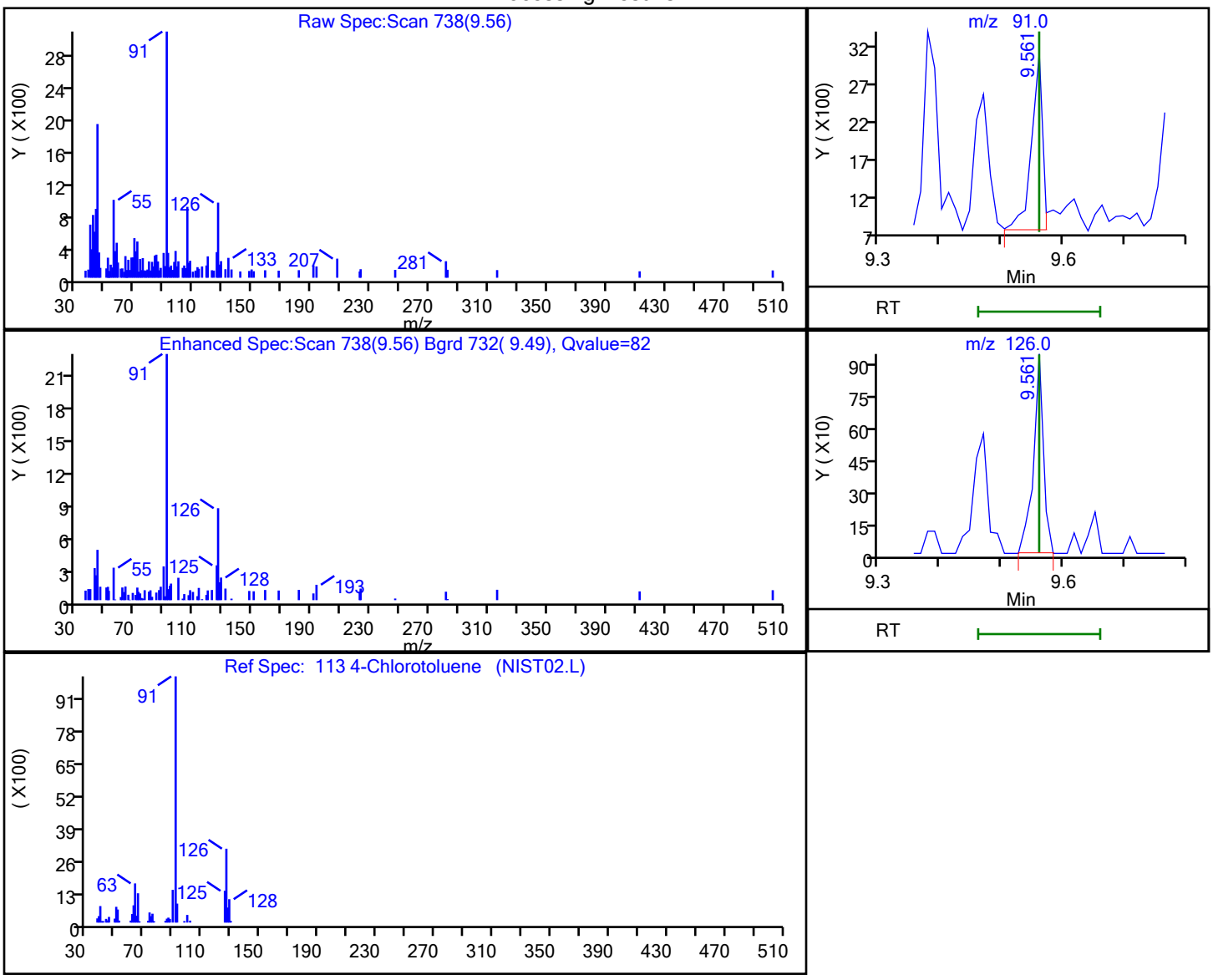
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.56	91.00	2971	0.197385
9.56	126.00	1084	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

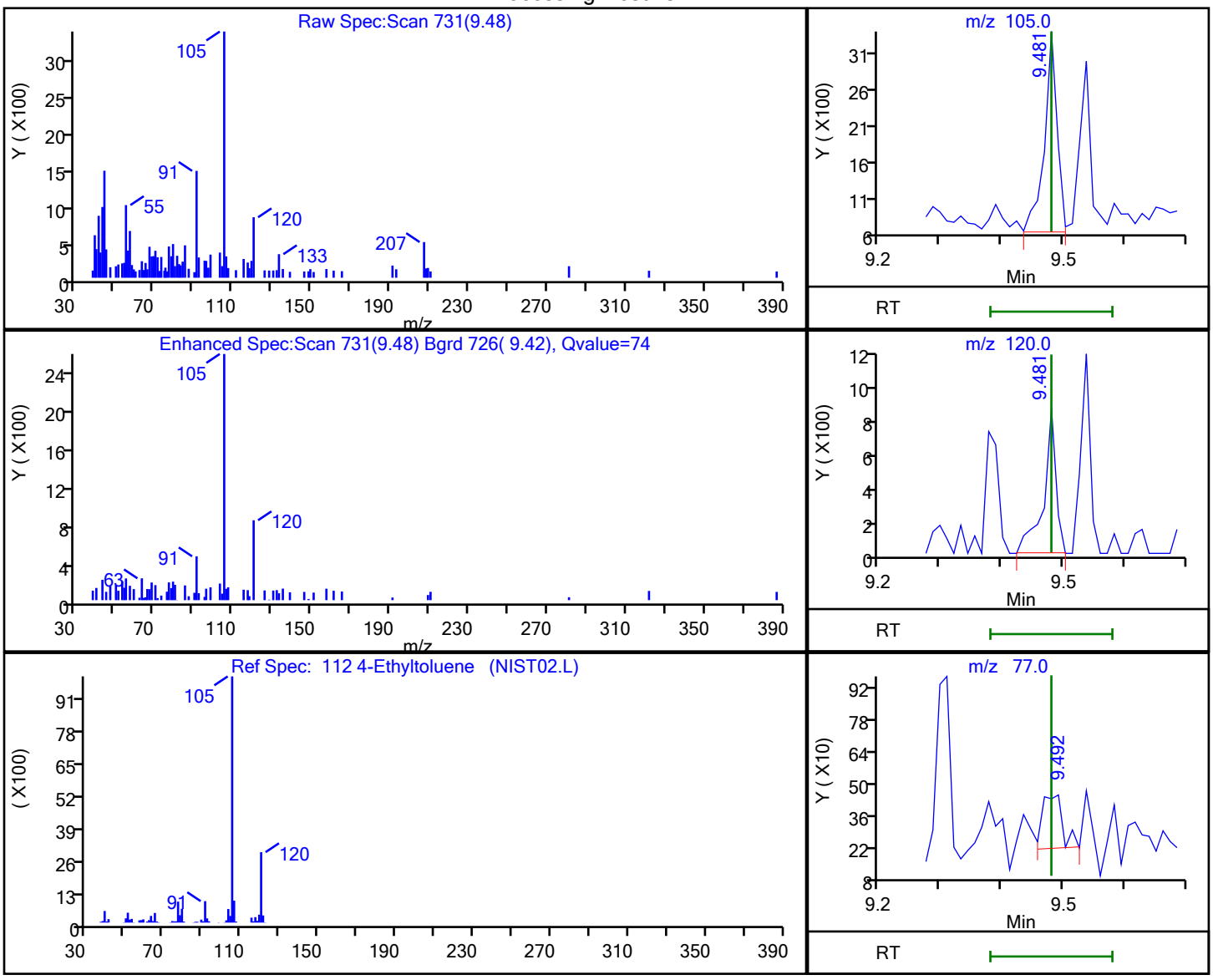
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.48	105.00	3837	0.220436
9.48	120.00	1163	
9.49	77.00	549	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

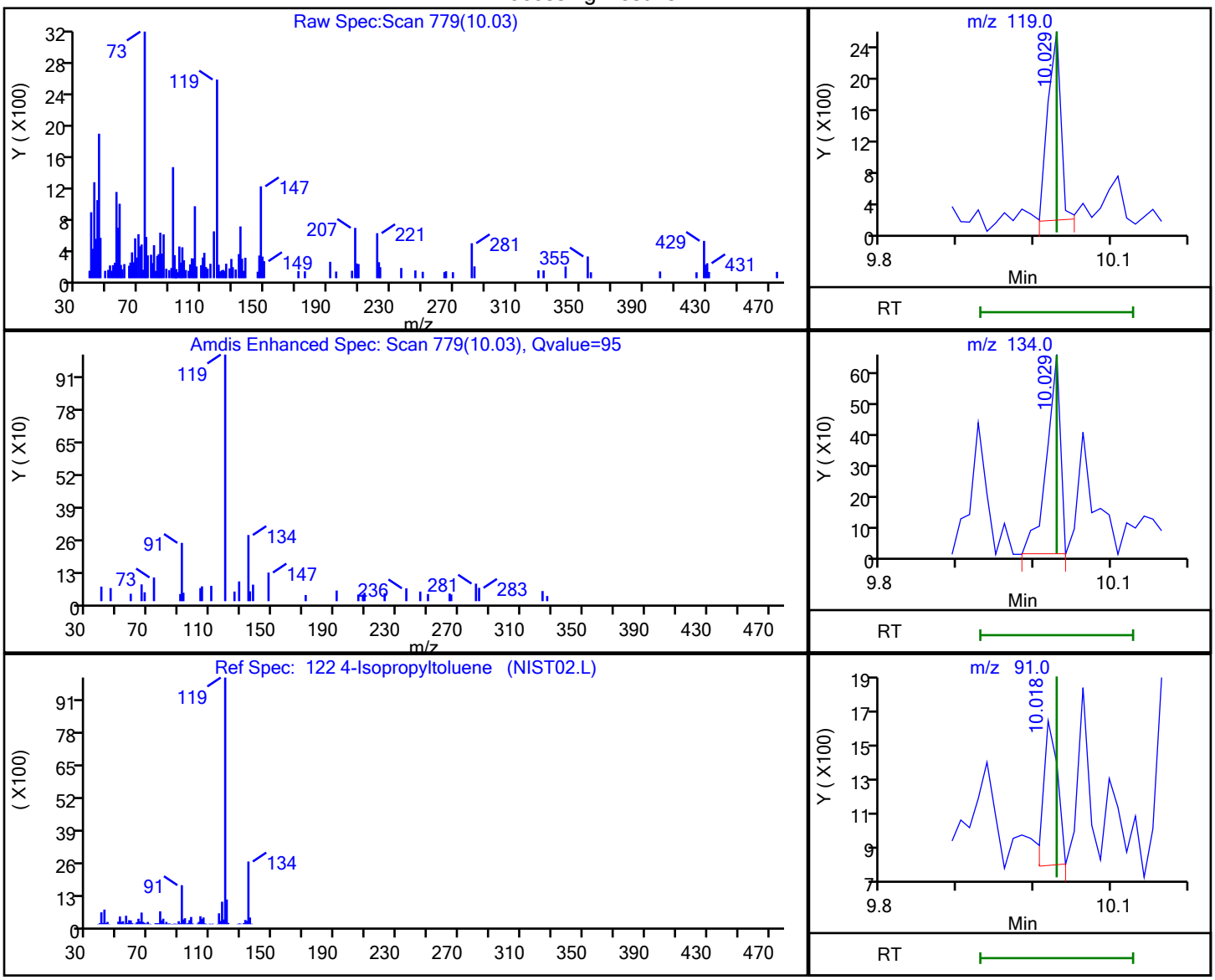
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.03	119.00	2684	0.194147
10.03	134.00	810	
10.02	91.00	1047	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

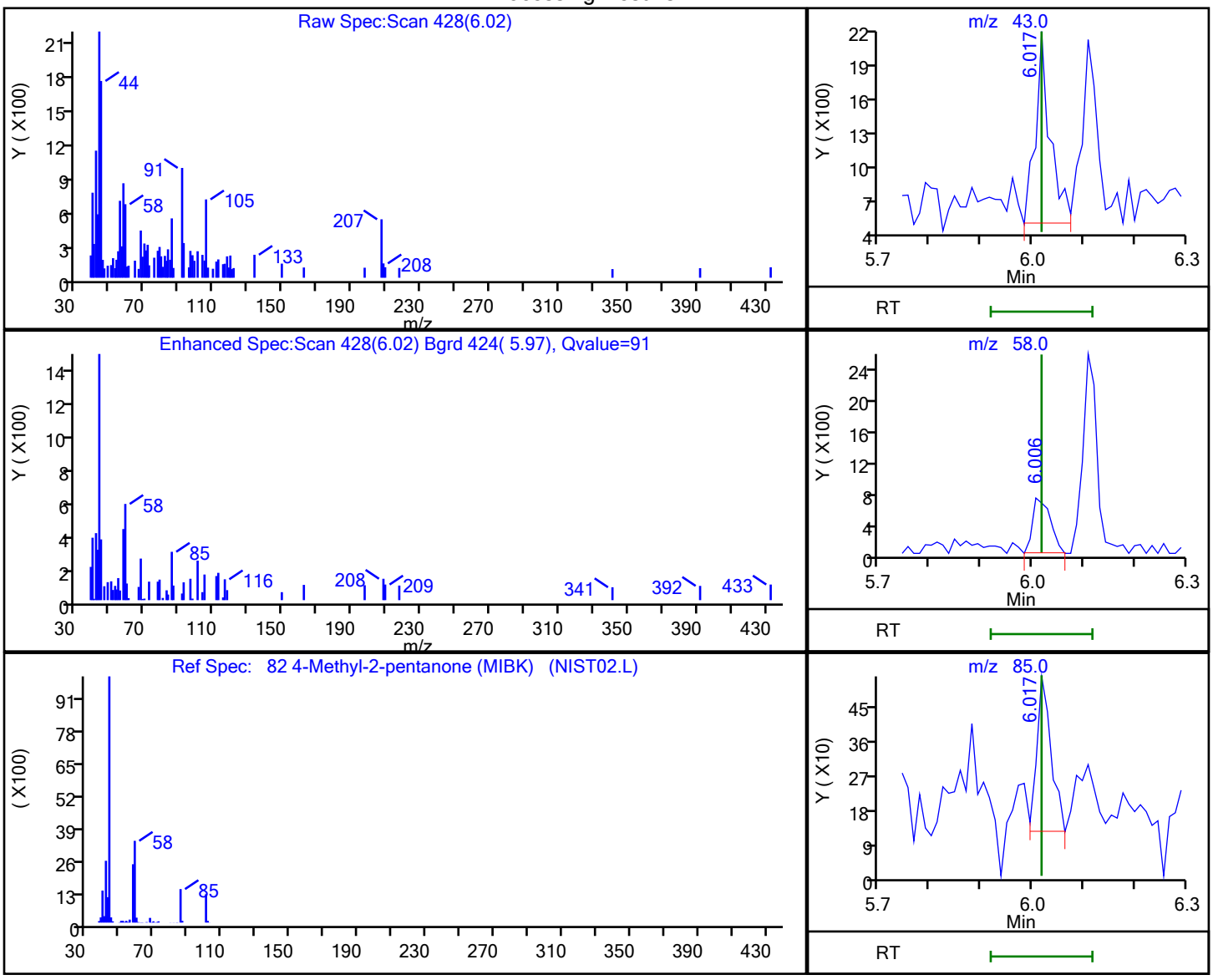
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.02	43.00	3277	1.044437
6.01	58.00	1734	
6.02	85.00	797	
6.03	100.00	534	

Reviewer: NN6A, 12-Aug-2025 08:49:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

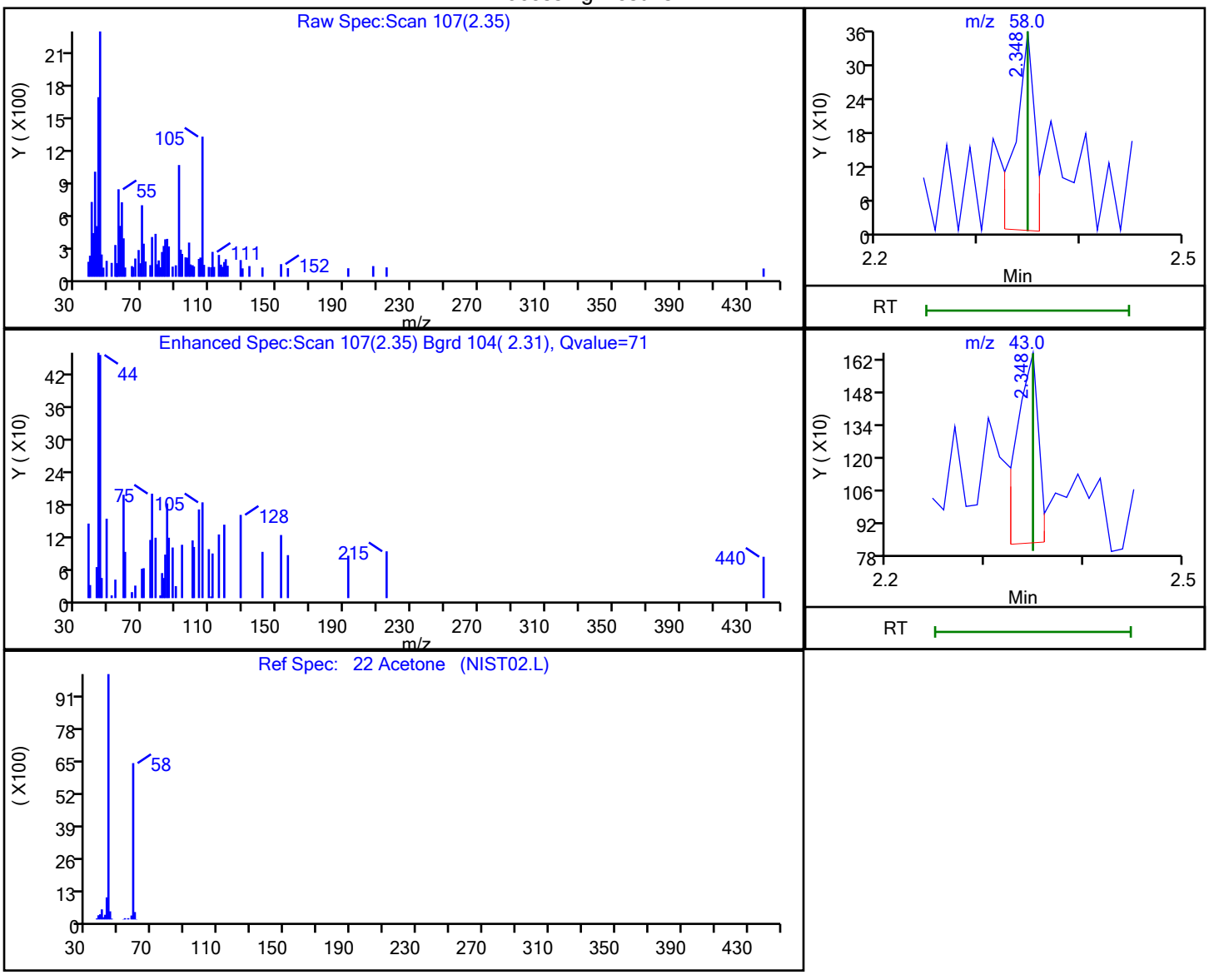
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.35	58.00	482	-0.764111
2.35	43.00	1300	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

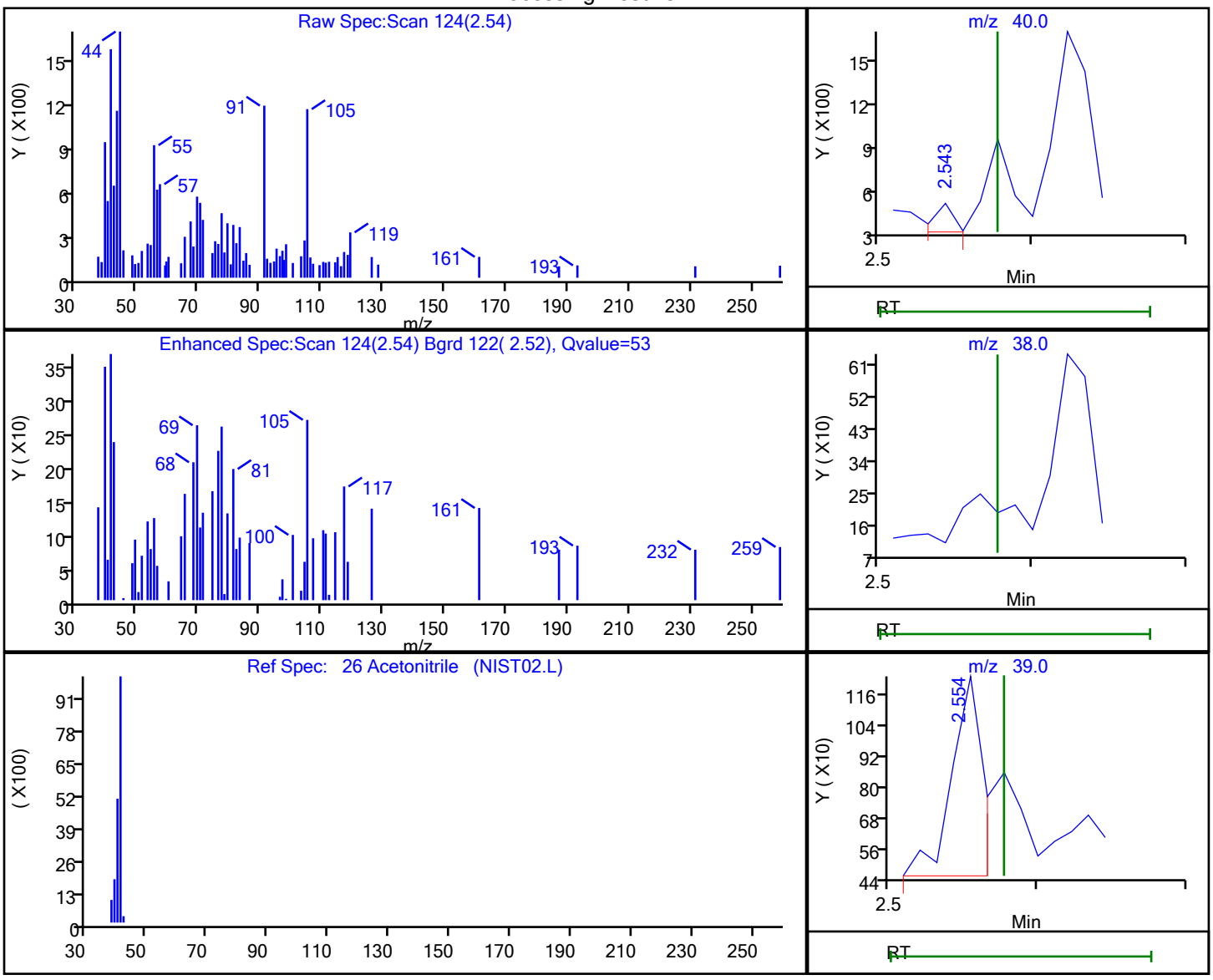
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.54	40.00	163	2.000000
2.53	38.00	105	
2.55	39.00	1165	
2.55	41.00	770	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

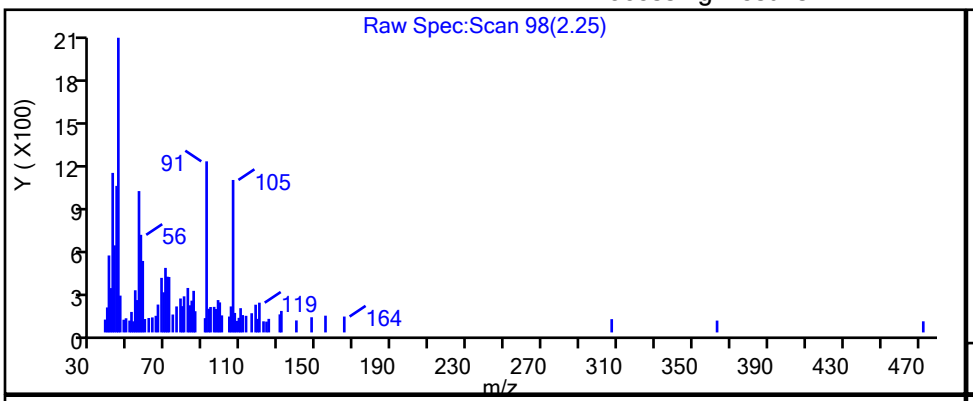
User Disabled Compound Report

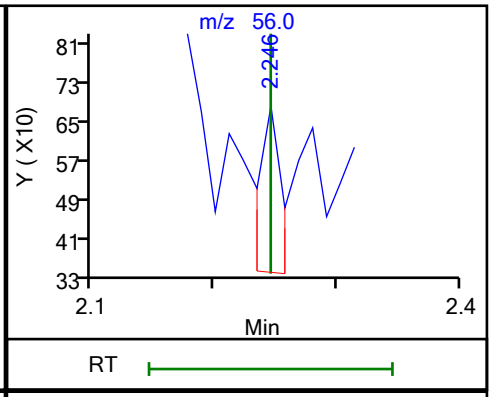
Eurofins Edison

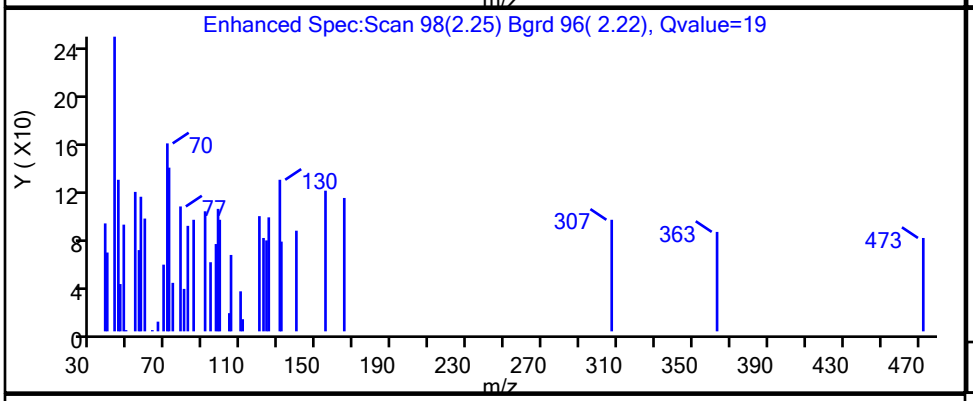
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

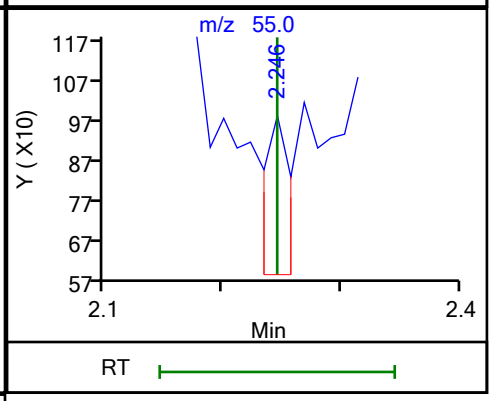
19 Acrolein, CAS: 107-02-8

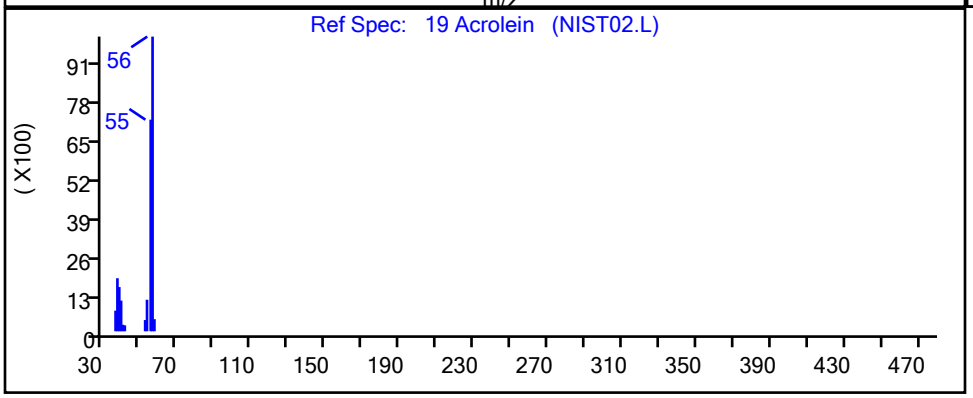
Processing Results











RT	Mass	Response	Amount
2.25	56.00	444	0.588619
2.25	55.00	625	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

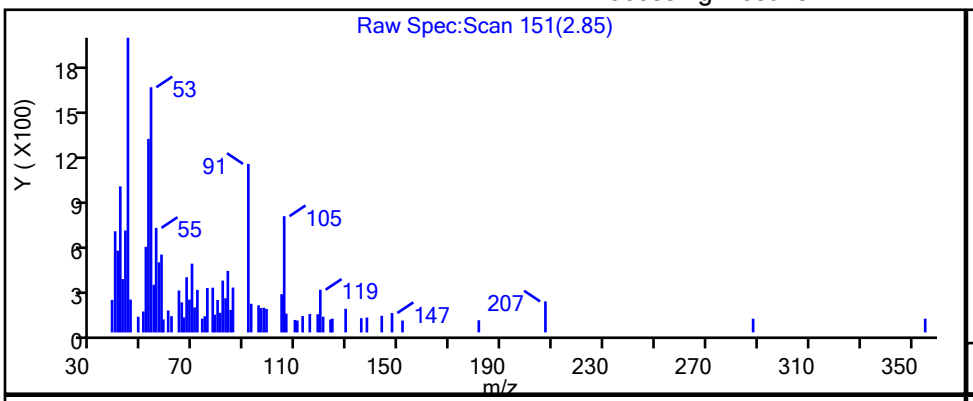
User Disabled Compound Report

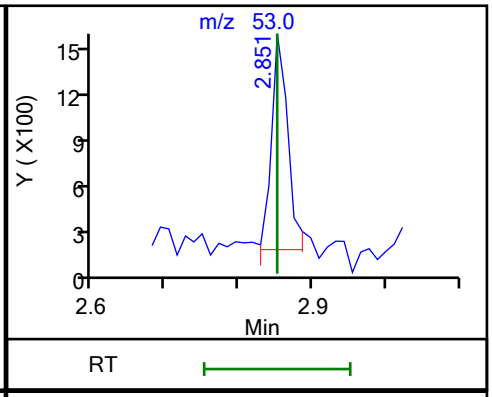
Eurofins Edison

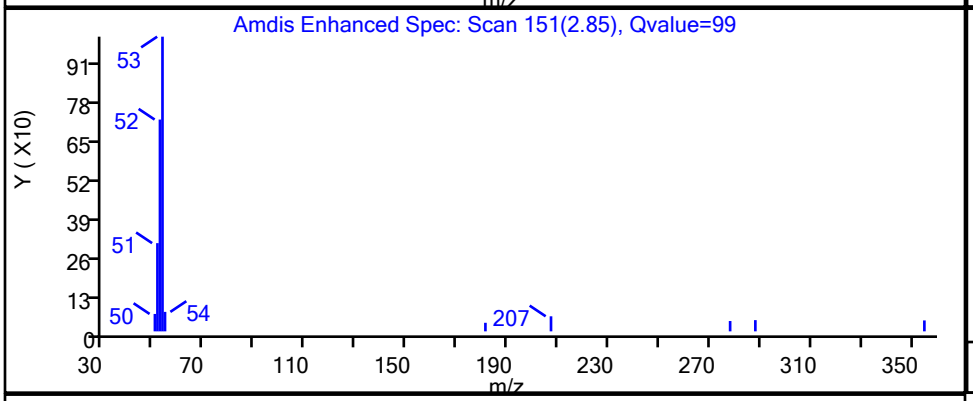
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

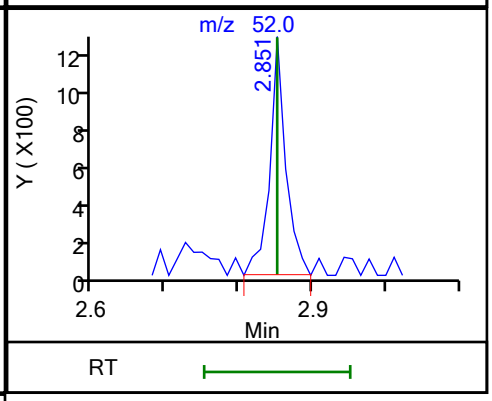
33 Acrylonitrile, CAS: 107-13-1

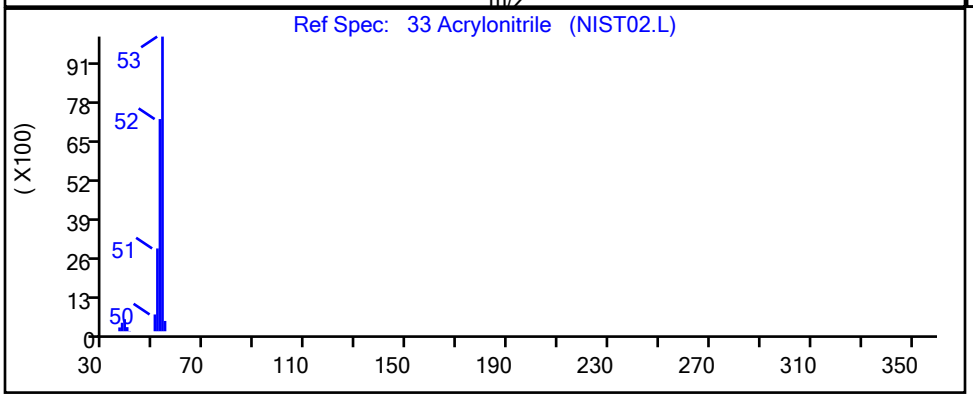
Processing Results











RT	Mass	Response	Amount
2.85	53.00	2236	2.050111
2.85	52.00	1930	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

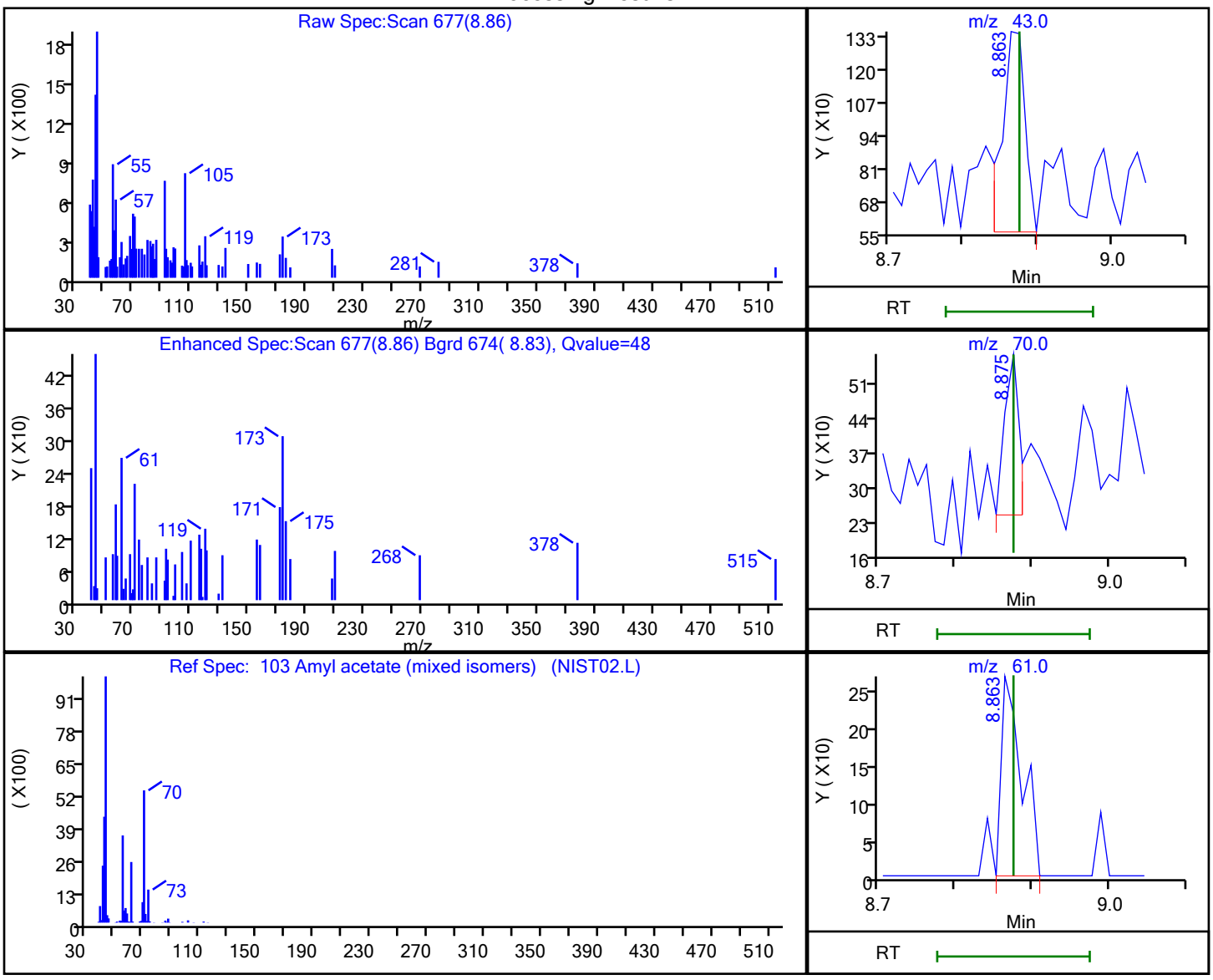
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.86	43.00	1705	0.200000
8.87	70.00	438	
8.86	61.00	492	

Reviewer: NN6A, 12-Aug-2025 08:49:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

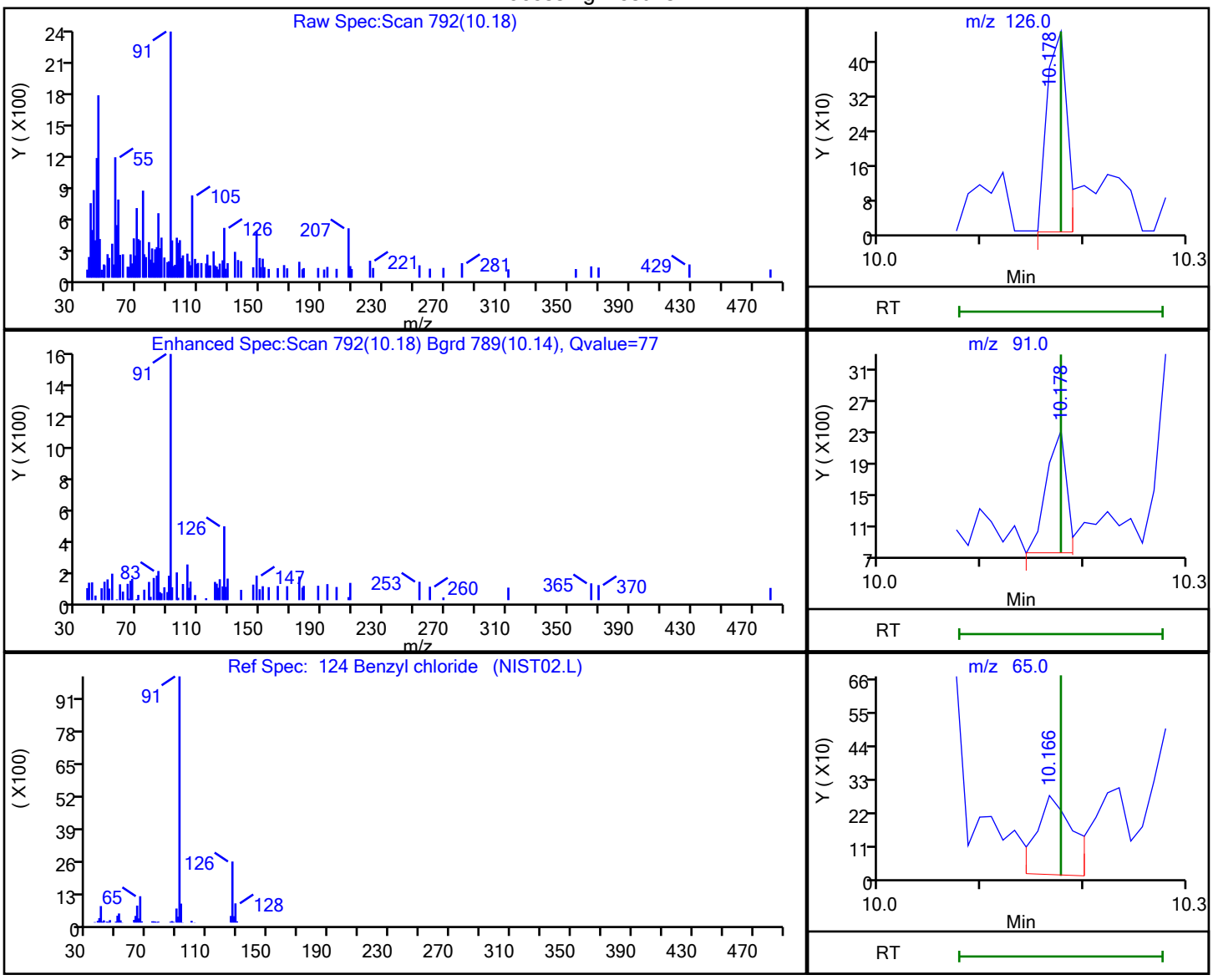
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.18	126.00	649	0.232485
10.18	91.00	2179	
10.17	65.00	684	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
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User Disabled Compound Report

Eurofins Edison

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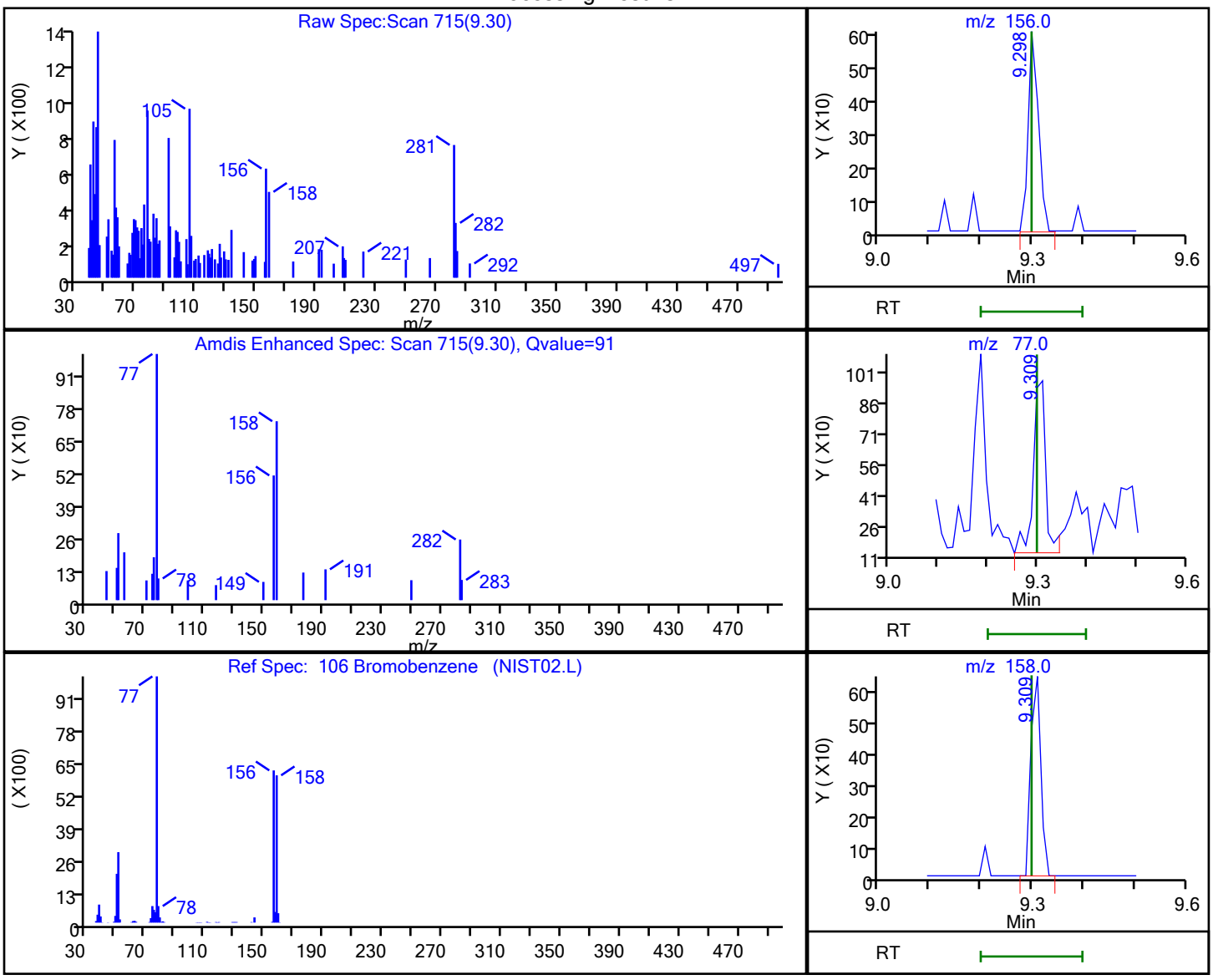
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.30	156.00	845	0.191225
9.31	77.00	1530	
9.31	158.00	876	

Reviewer: NN6A, 12-Aug-2025 08:49:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

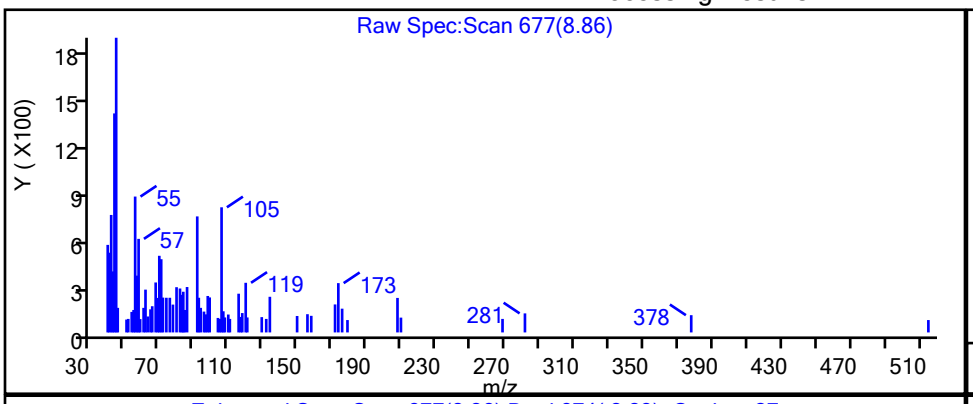
User Disabled Compound Report

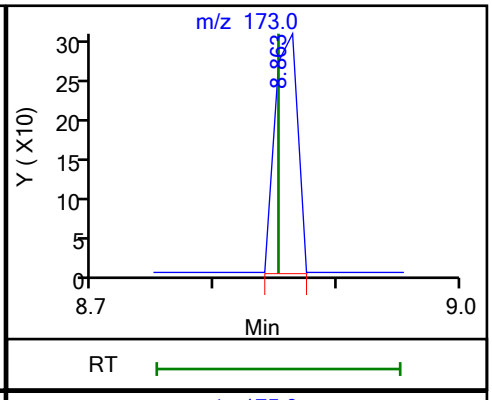
Eurofins Edison

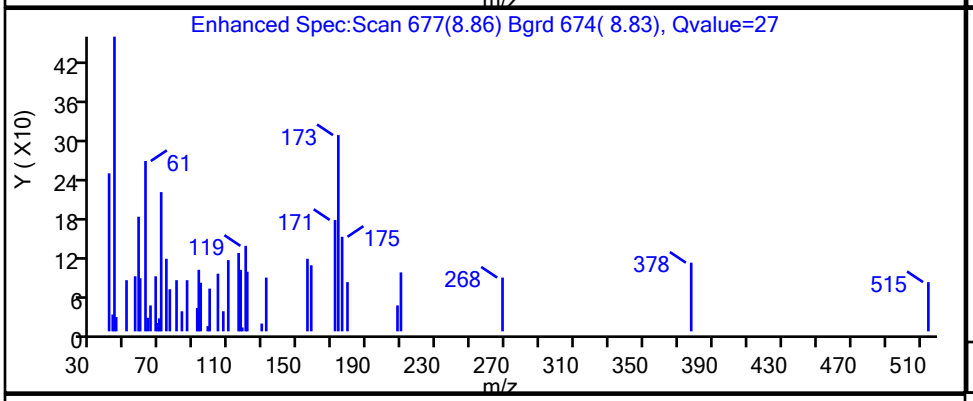
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

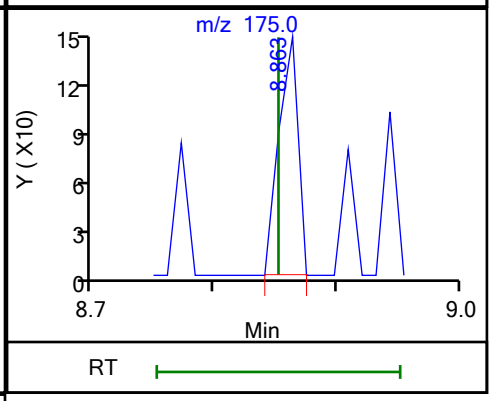
102 Bromoform, CAS: 75-25-2

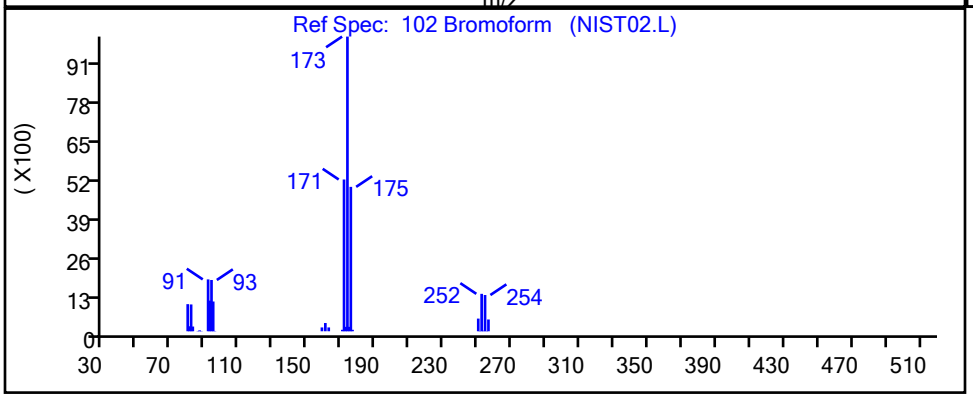
Processing Results











RT	Mass	Response	Amount
8.86	173.00	392	0.173388
8.86	175.00	161	

Reviewer: NN6A, 12-Aug-2025 08:49:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

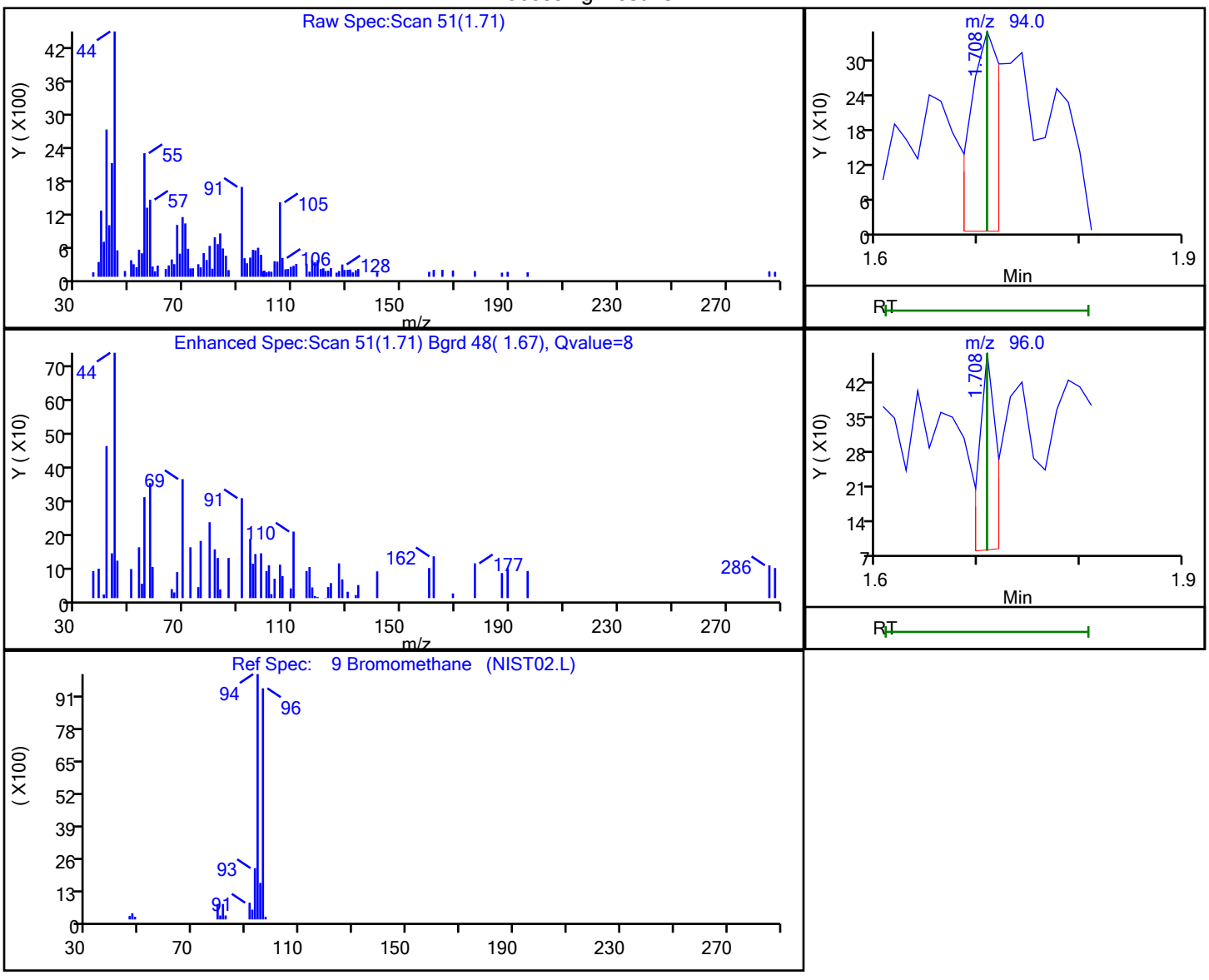
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.71	94.00	714	0.159699
1.71	96.00	493	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

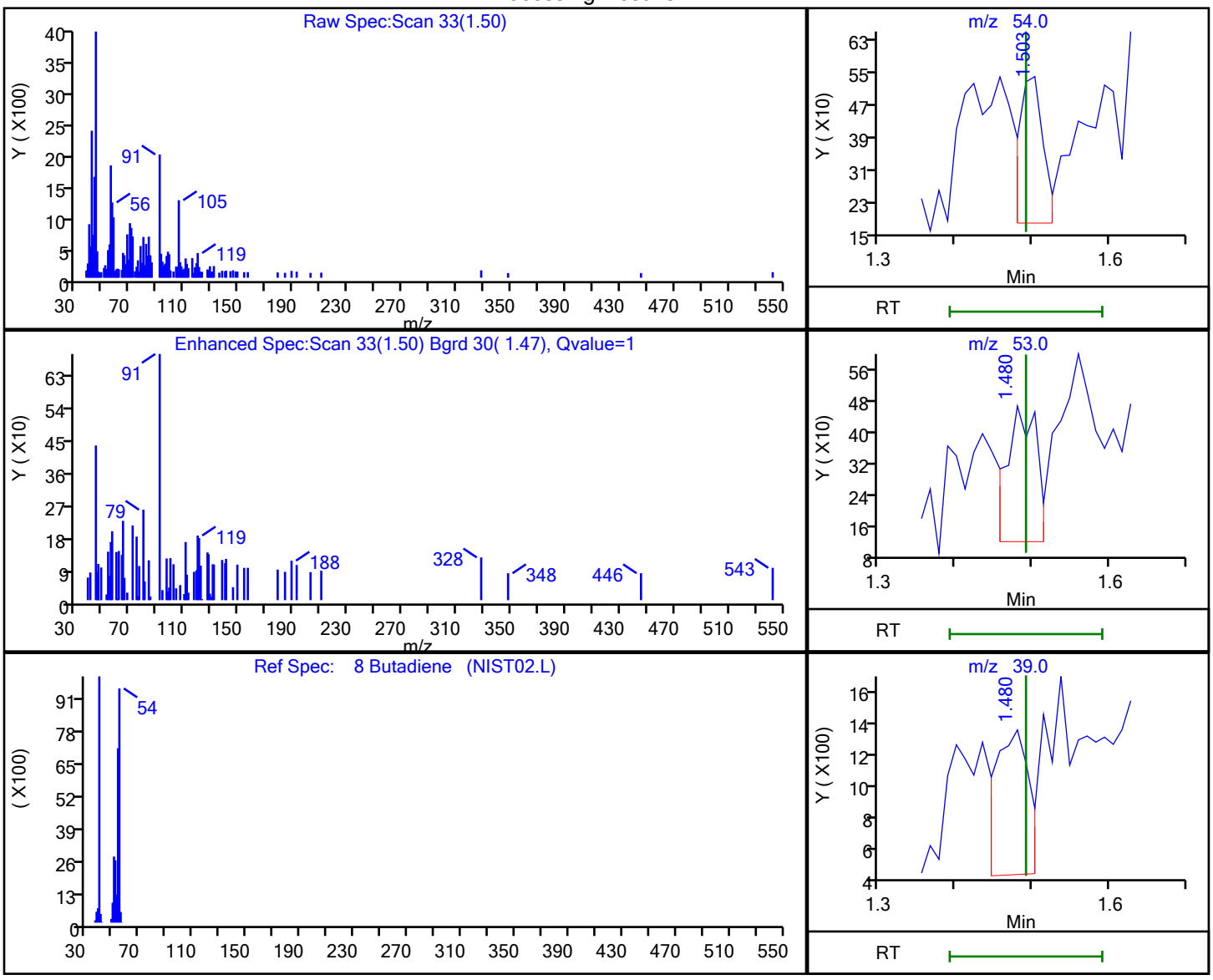
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.50	54.00	810	0.208399
1.48	53.00	966	
1.48	39.00	2729	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

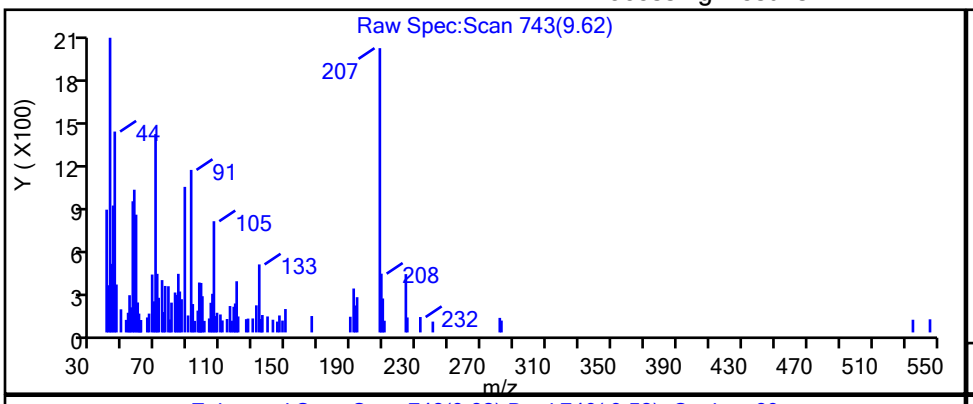
User Disabled Compound Report

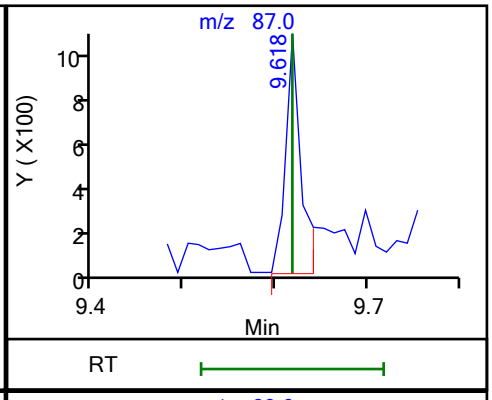
Eurofins Edison

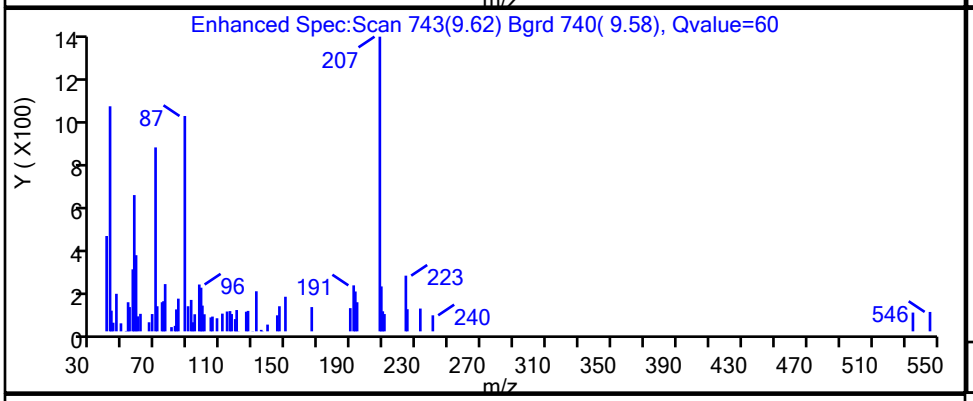
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

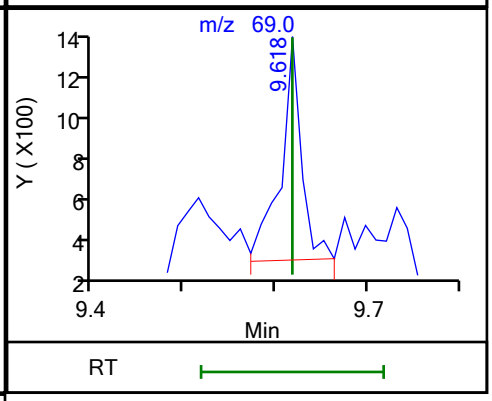
115 Butyl Methacrylate, CAS: 97-88-1

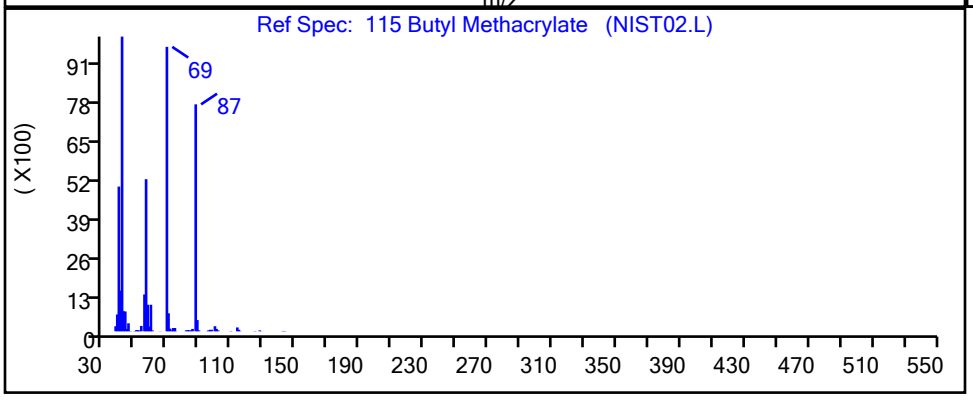
Processing Results











RT	Mass	Response	Amount
9.62	87.00	1198	0.210288
9.62	69.00	1603	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

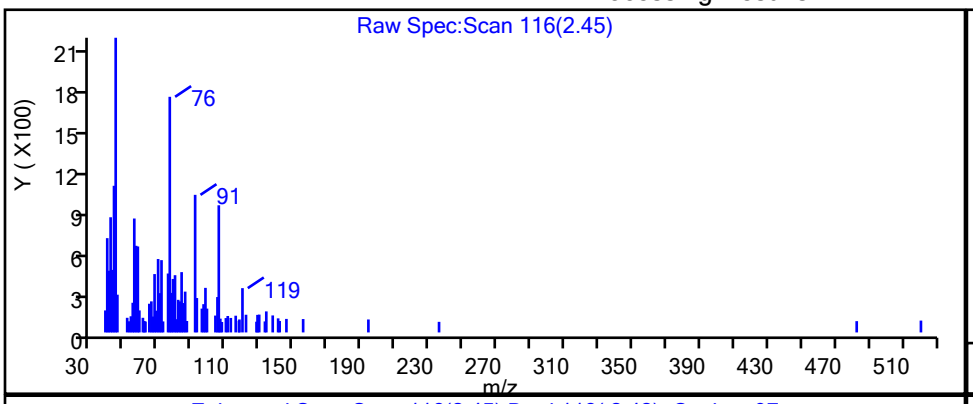
User Disabled Compound Report

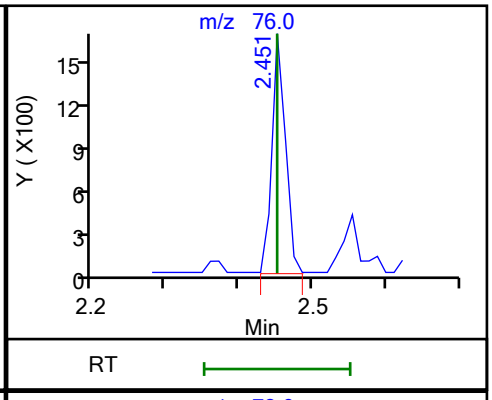
Eurofins Edison

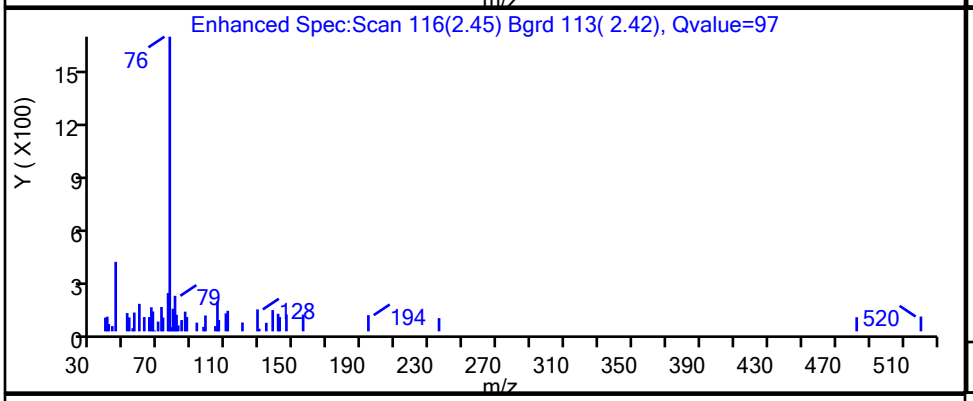
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

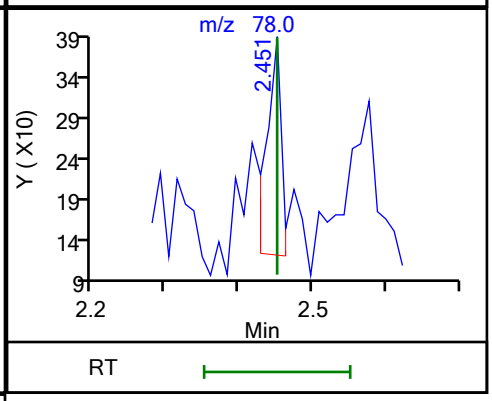
25 Carbon disulfide, CAS: 75-15-0

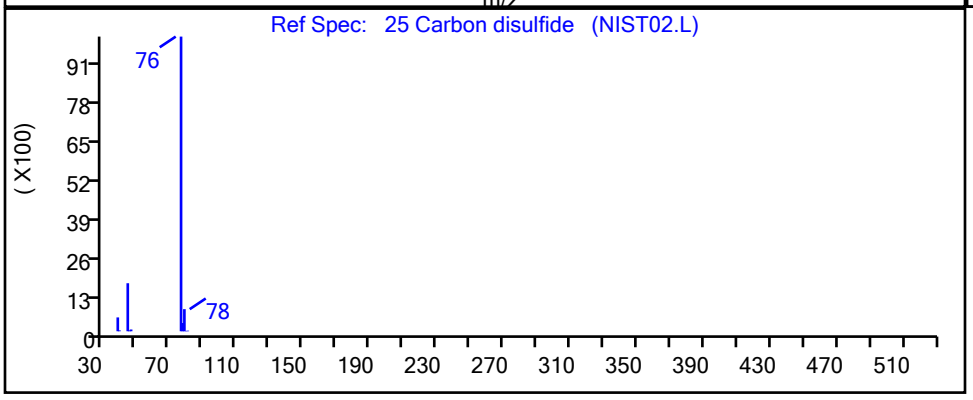
Processing Results











RT	Mass	Response	Amount
2.45	76.00	2161	0.193904
2.45	78.00	375	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

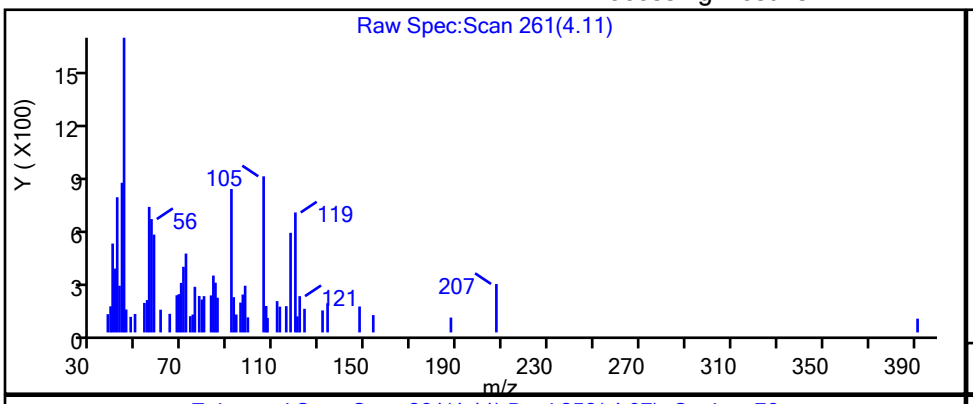
User Disabled Compound Report

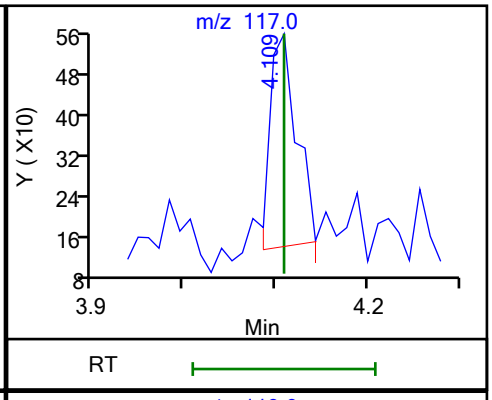
Eurofins Edison

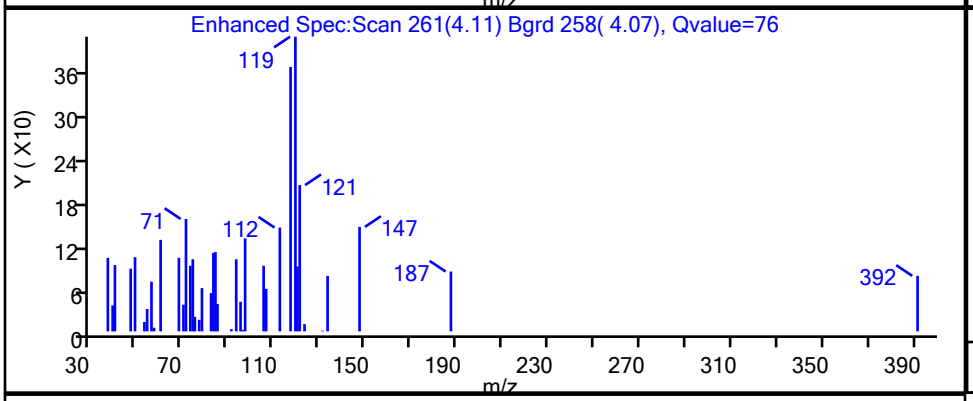
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

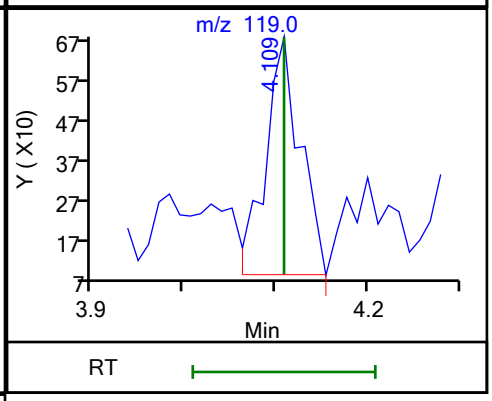
56 Carbon tetrachloride, CAS: 56-23-5

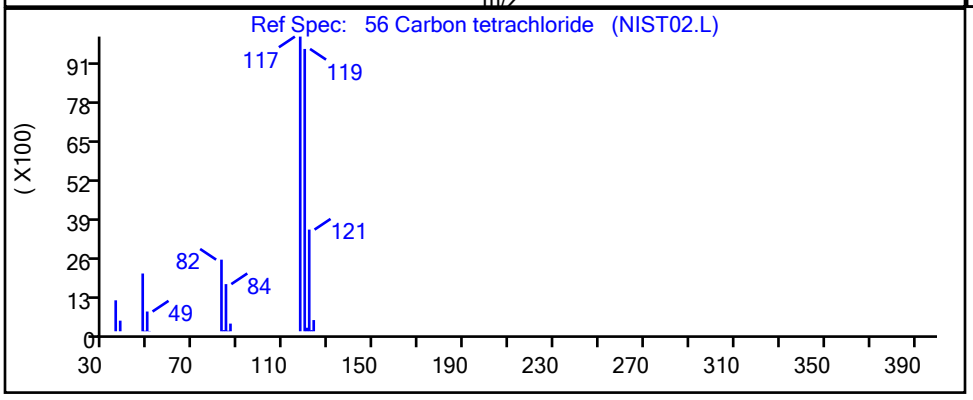
Processing Results











RT	Mass	Response	Amount
4.11	117.00	854	0.200000
4.11	119.00	1581	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

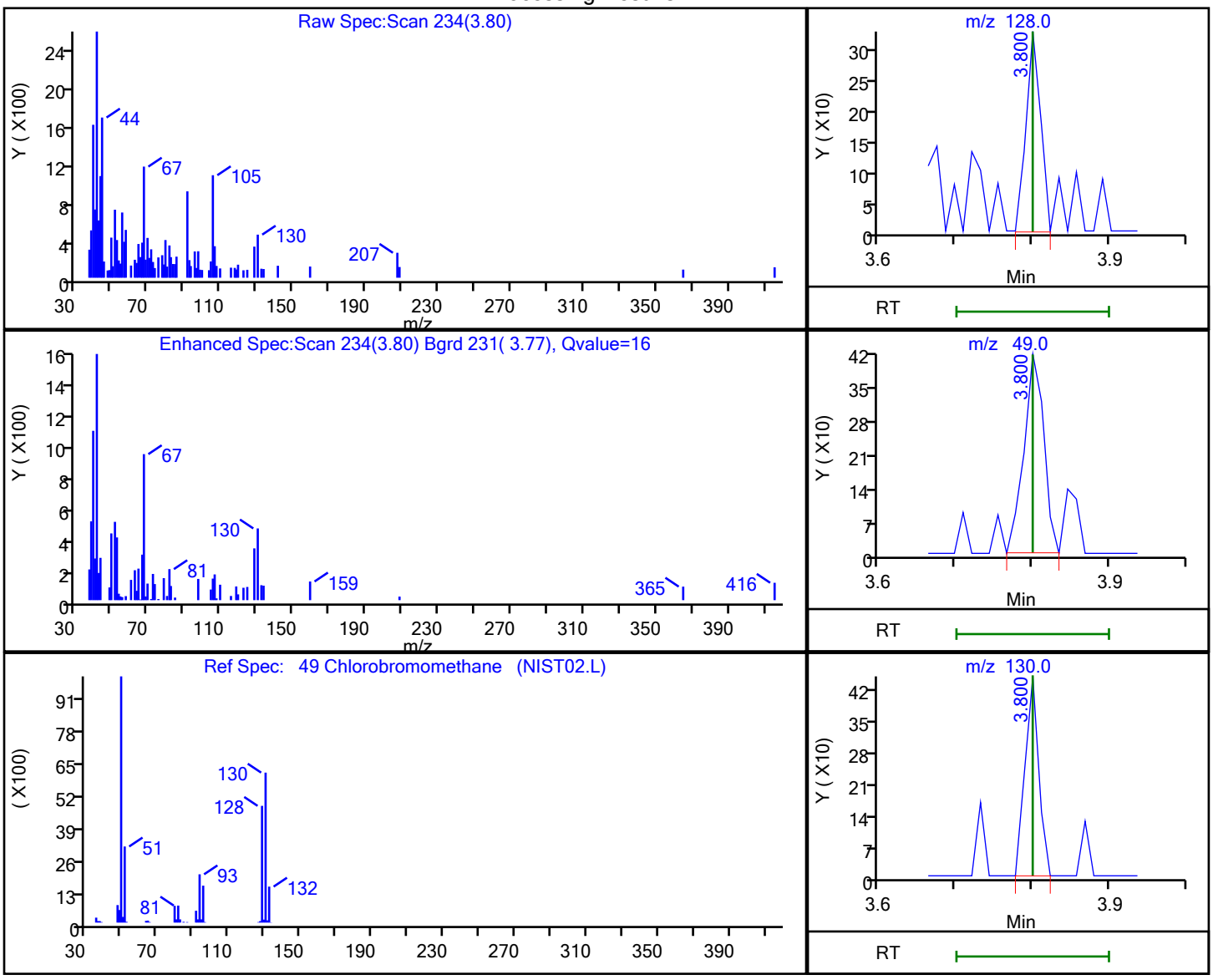
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.80	128.00	425	0.185506
3.80	49.00	754	
3.80	130.00	557	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

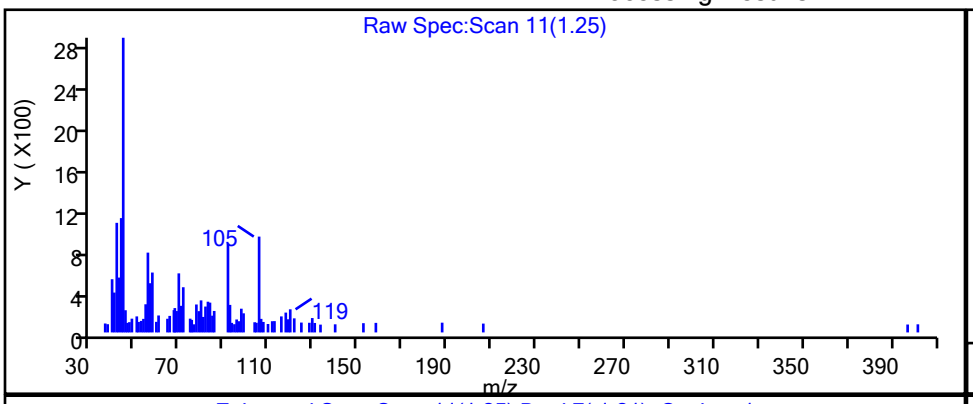
User Disabled Compound Report

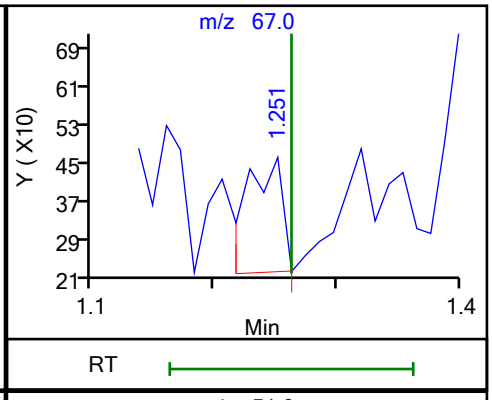
Eurofins Edison

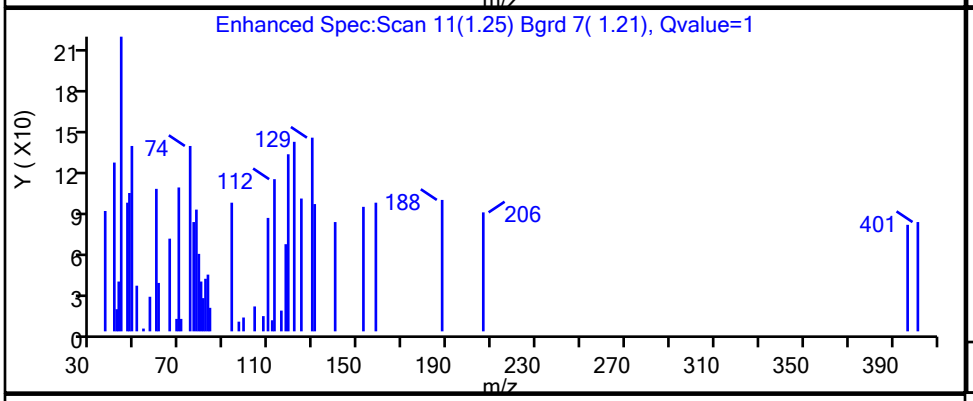
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

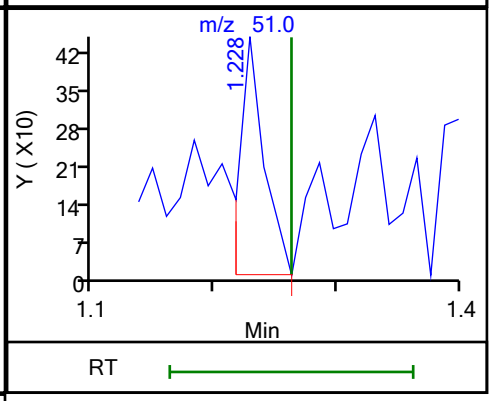
5 Chlorodifluoromethane, CAS: 75-45-6

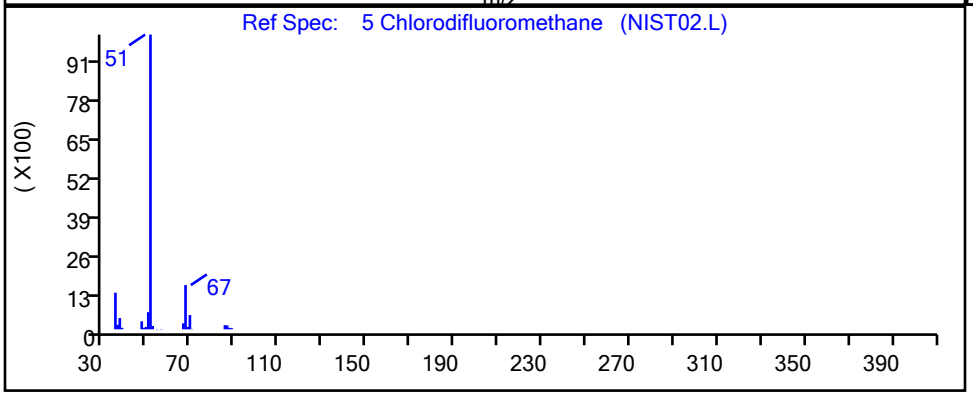
Processing Results











RT	Mass	Response	Amount
1.25	67.00	500	0.080185
1.23	51.00	611	

Reviewer: NN6A, 12-Aug-2025 08:48:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

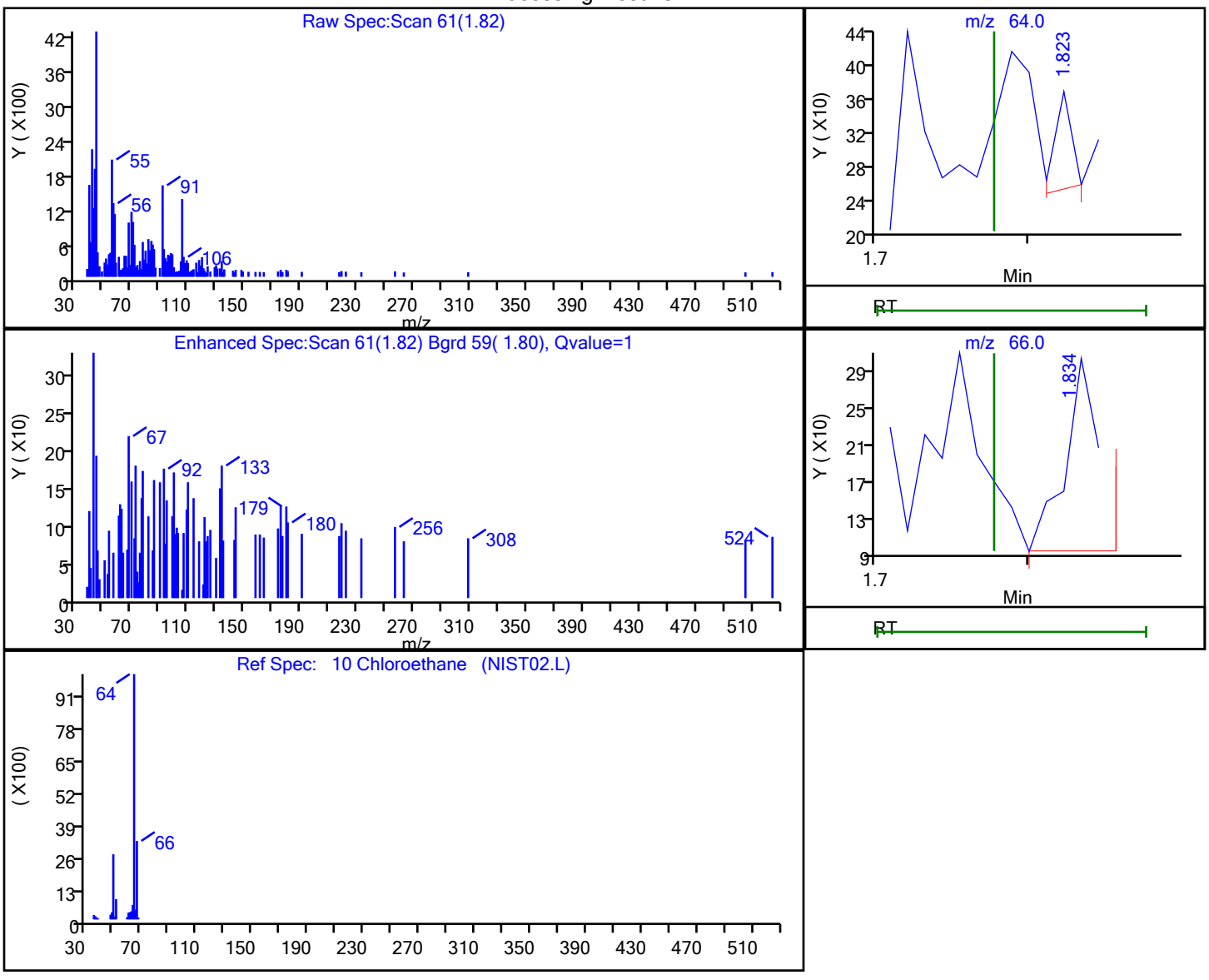
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.82	64.00	87	0.039623
1.83	66.00	356	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

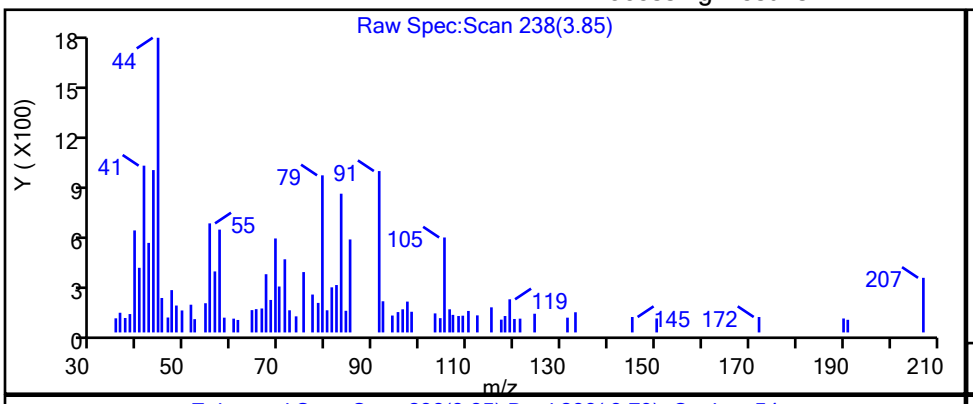
User Disabled Compound Report

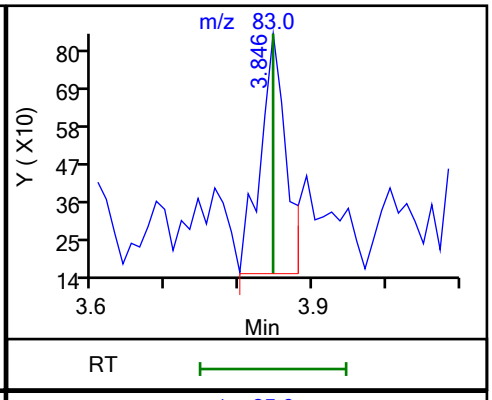
Eurofins Edison

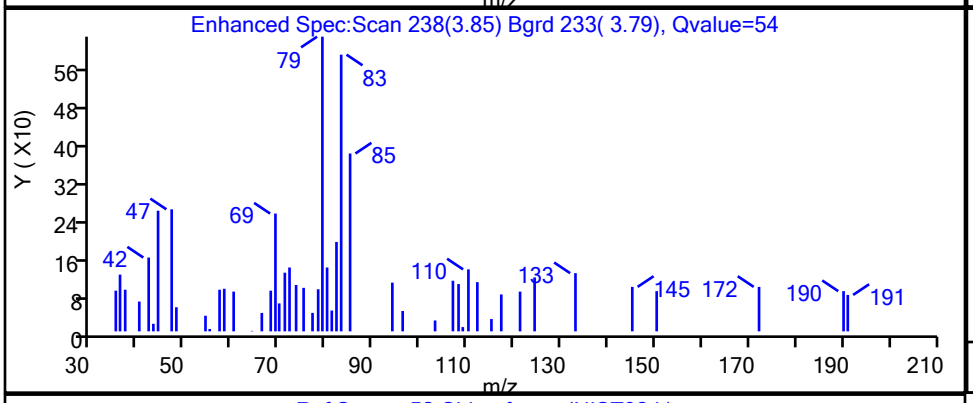
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

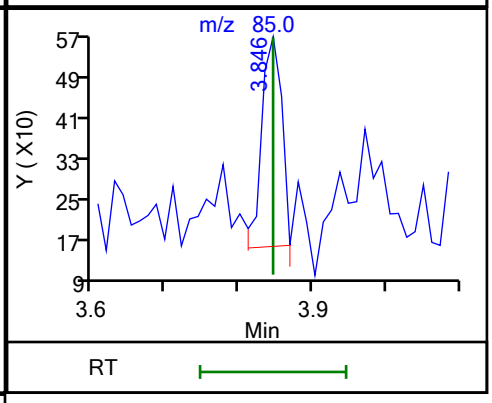
52 Chloroform, CAS: 67-66-3

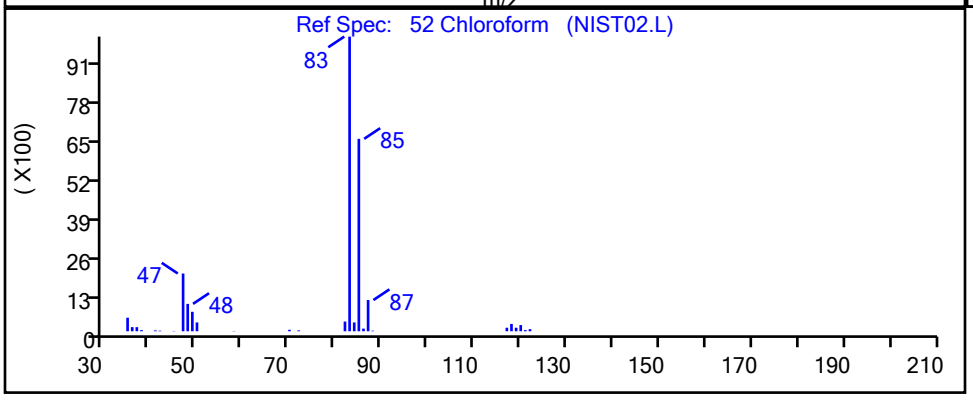
Processing Results











RT	Mass	Response	Amount
3.85	83.00	1704	0.221561
3.85	85.00	791	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

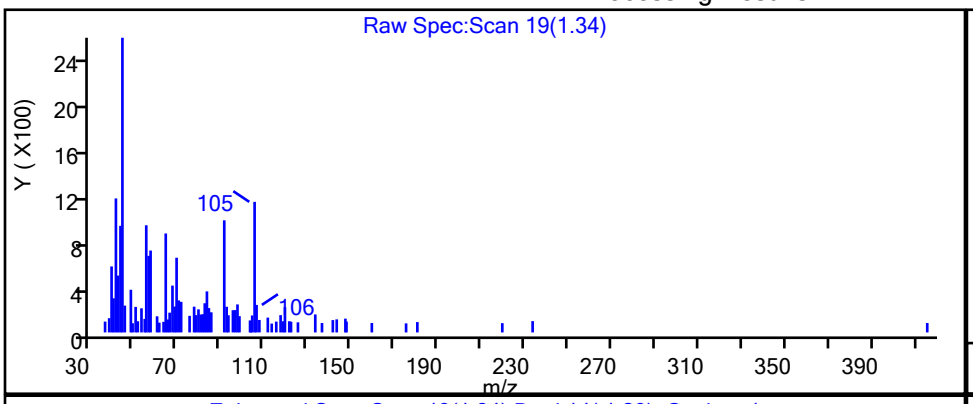
User Disabled Compound Report

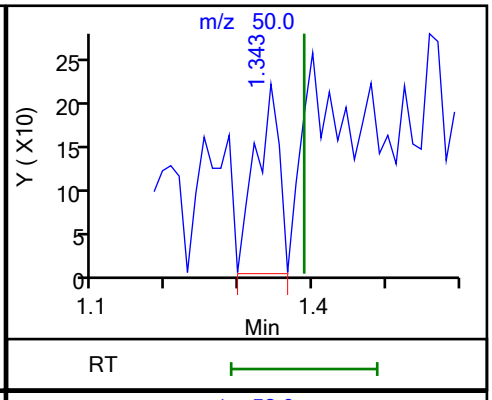
Eurofins Edison

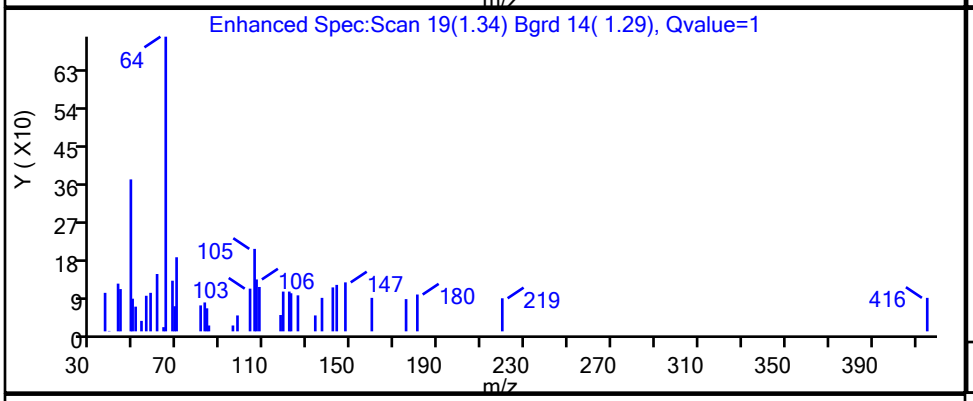
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

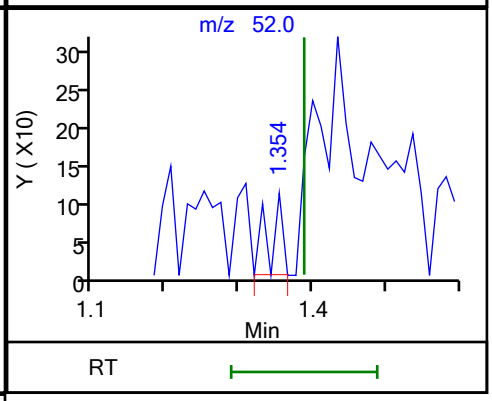
6 Chloromethane, CAS: 74-87-3

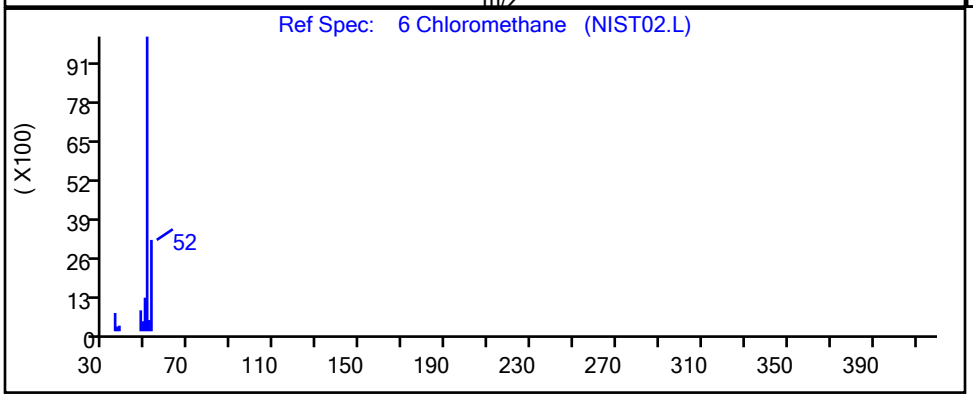
Processing Results











RT	Mass	Response	Amount
1.34	50.00	484	0.069111
1.35	52.00	140	

Reviewer: NN6A, 12-Aug-2025 08:48:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

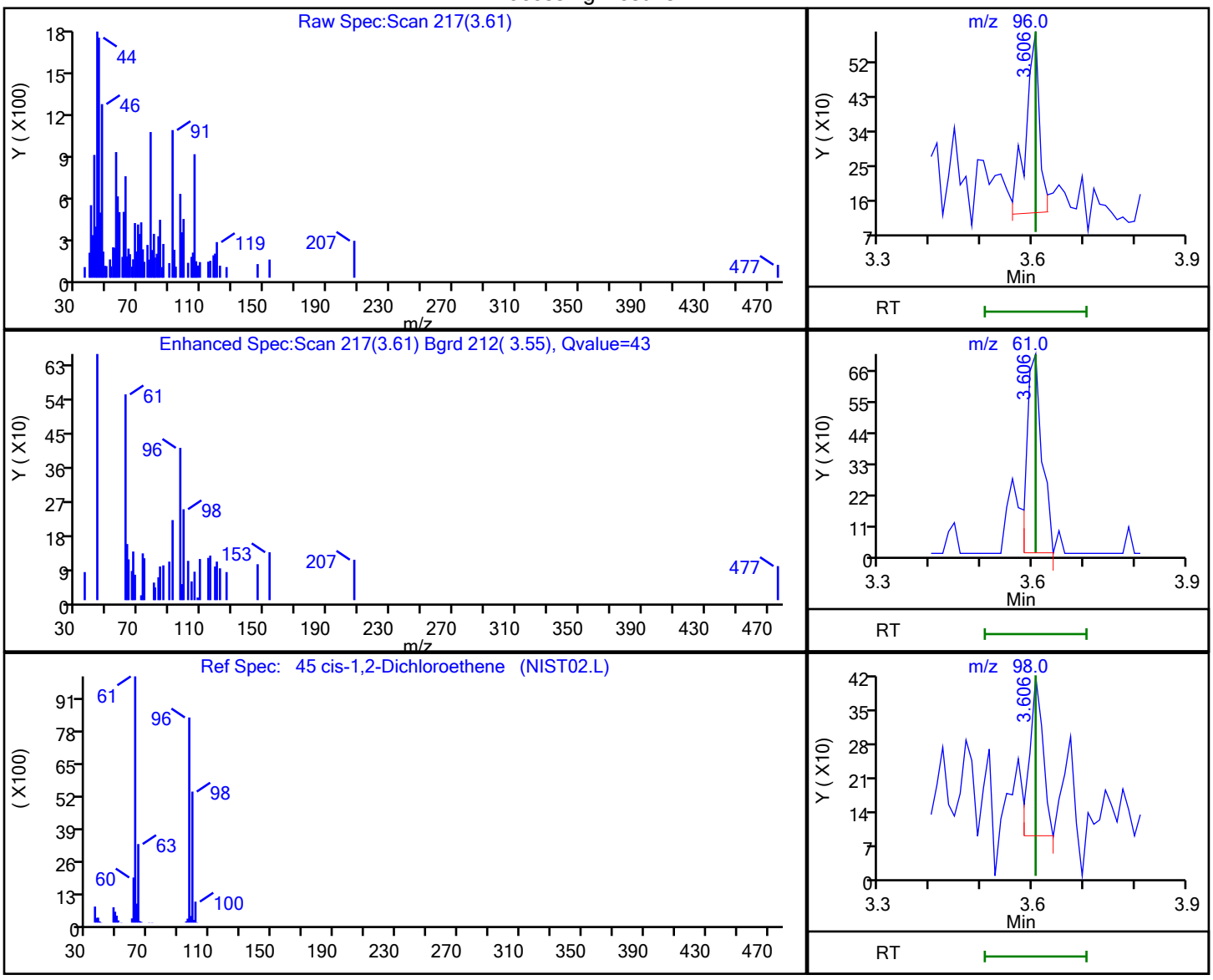
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.61	96.00	881	0.189604
3.61	61.00	1443	
3.61	98.00	601	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

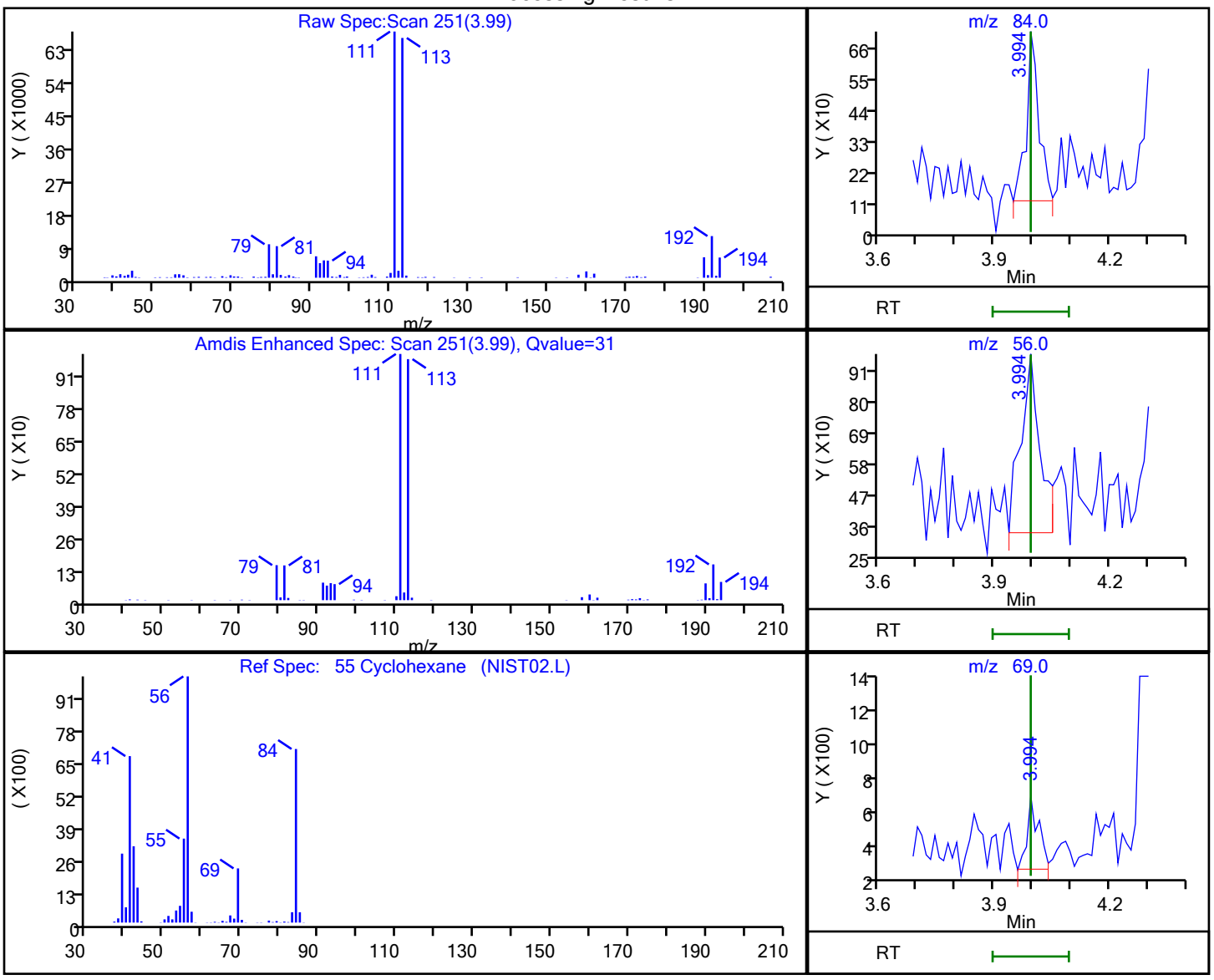
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.99	84.00	1395	0.223829
3.99	56.00	2217	
3.99	69.00	903	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

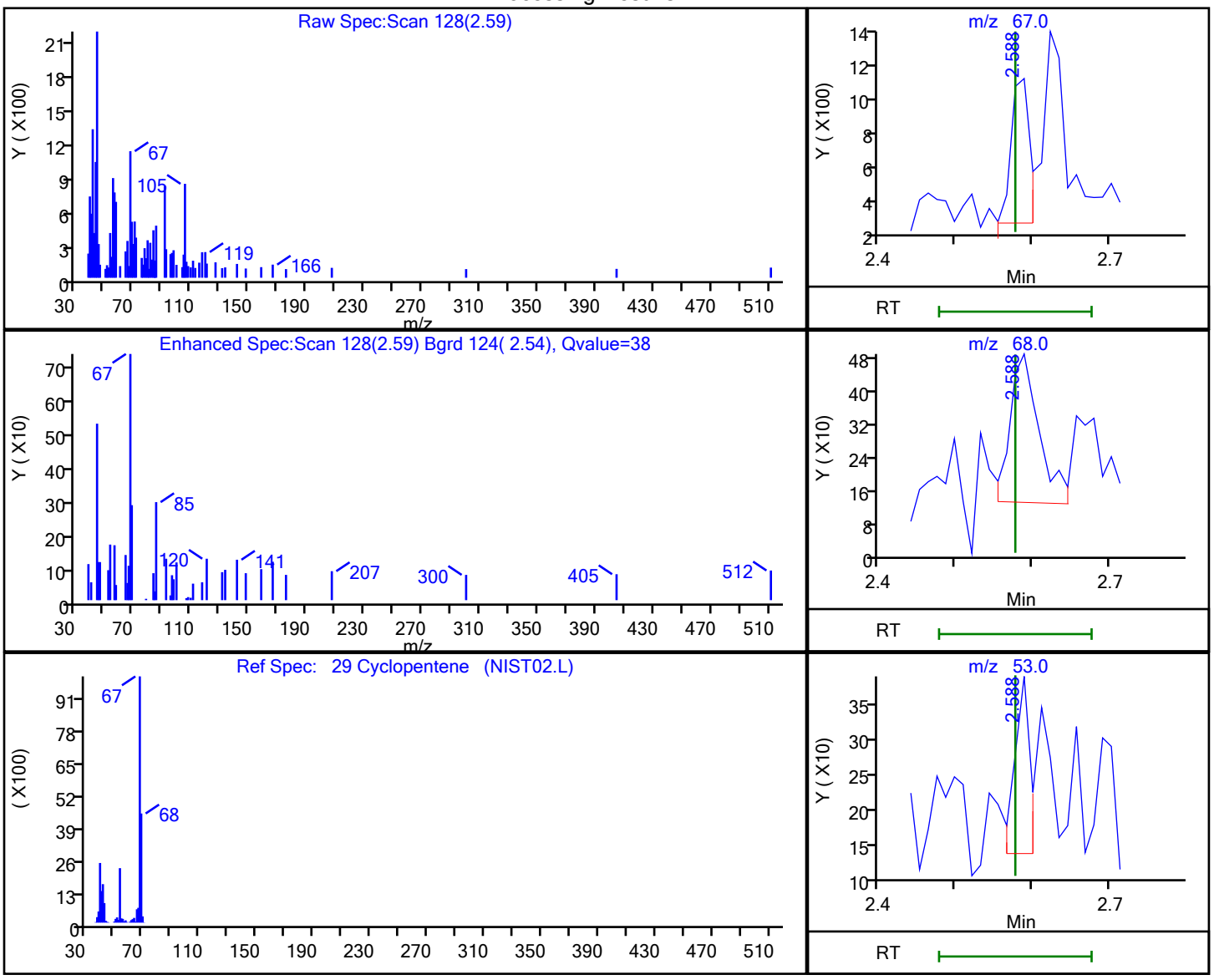
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.59	67.00	1391	0.173347
2.59	68.00	986	
2.59	53.00	359	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

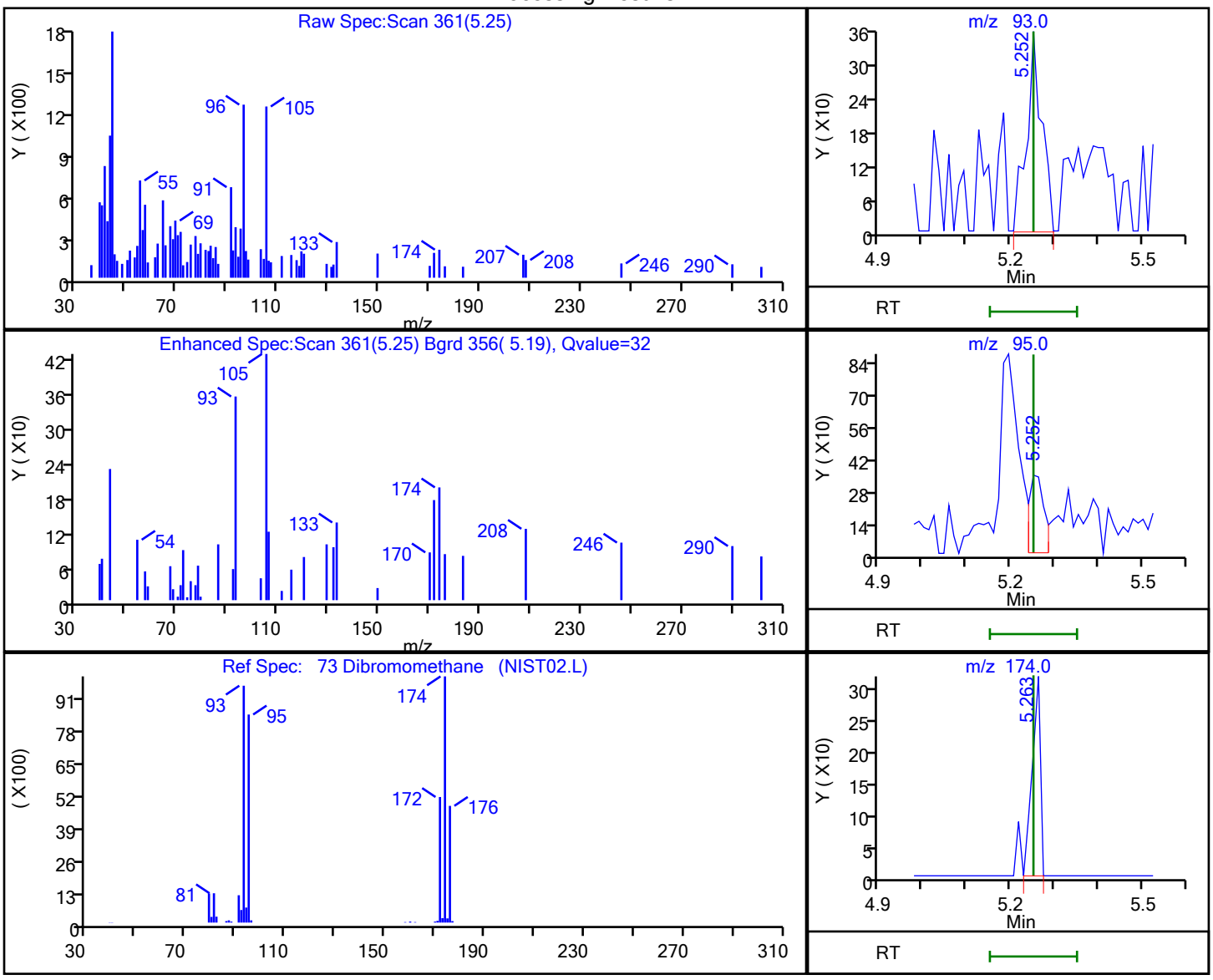
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
5.25	93.00	856	0.200000
5.25	95.00	835	
5.26	174.00	412	

Reviewer: NN6A, 12-Aug-2025 08:49:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

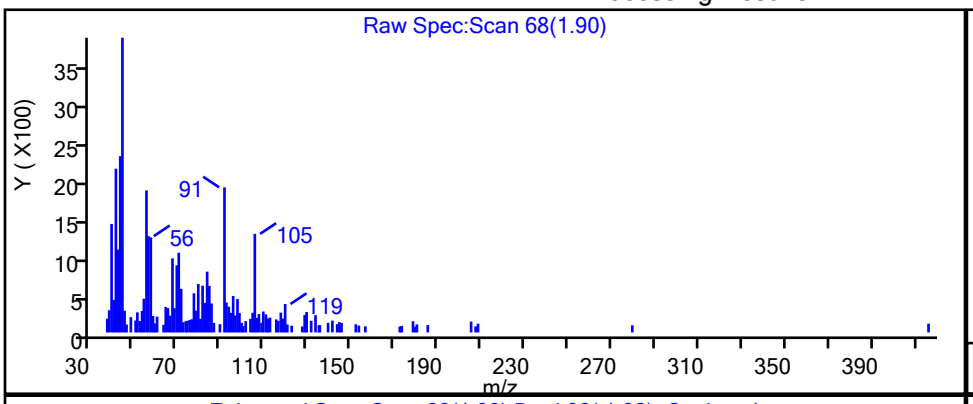
User Disabled Compound Report

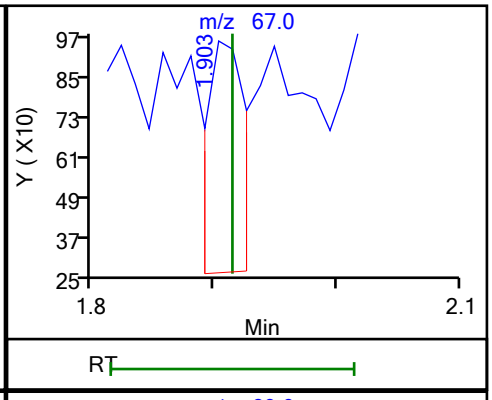
Eurofins Edison

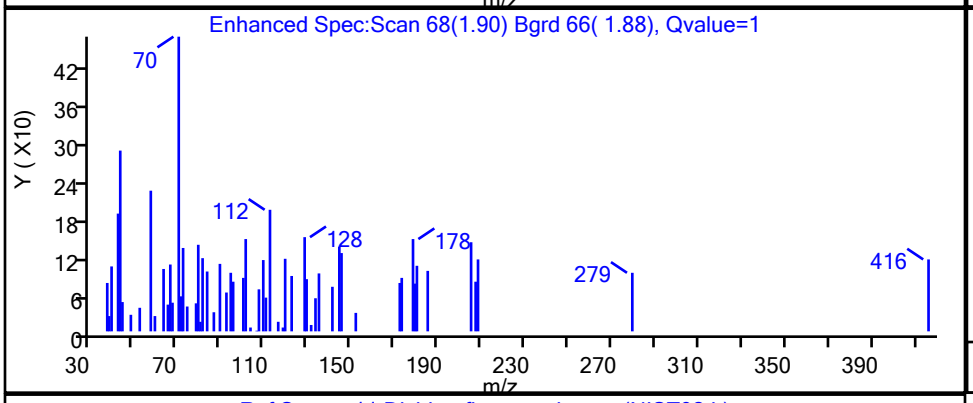
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

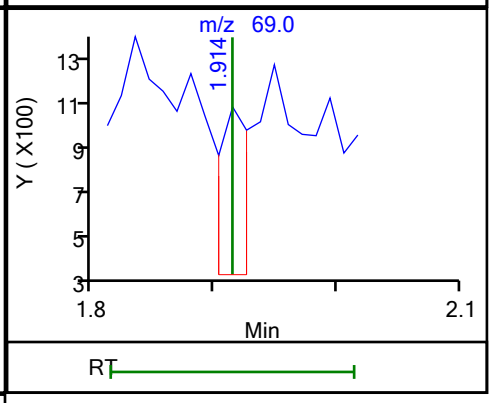
11 Dichlorofluoromethane, CAS: 75-43-4

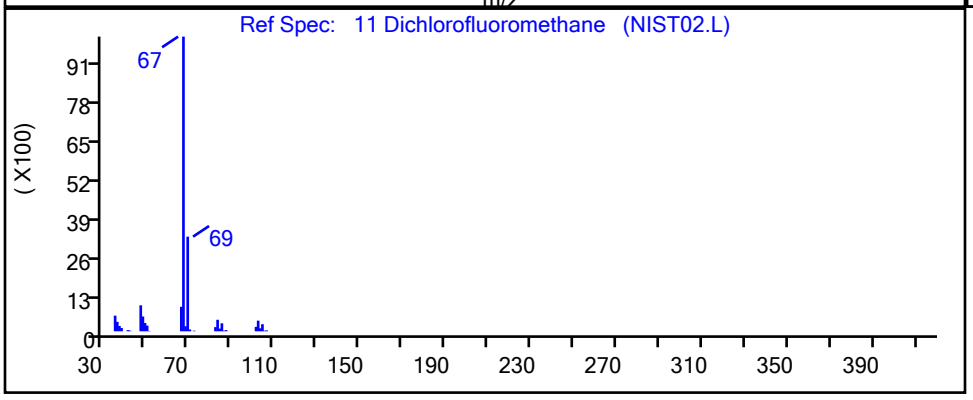
Processing Results











RT	Mass	Response	Amount
1.90	67.00	1575	0.091306
1.91	69.00	1303	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

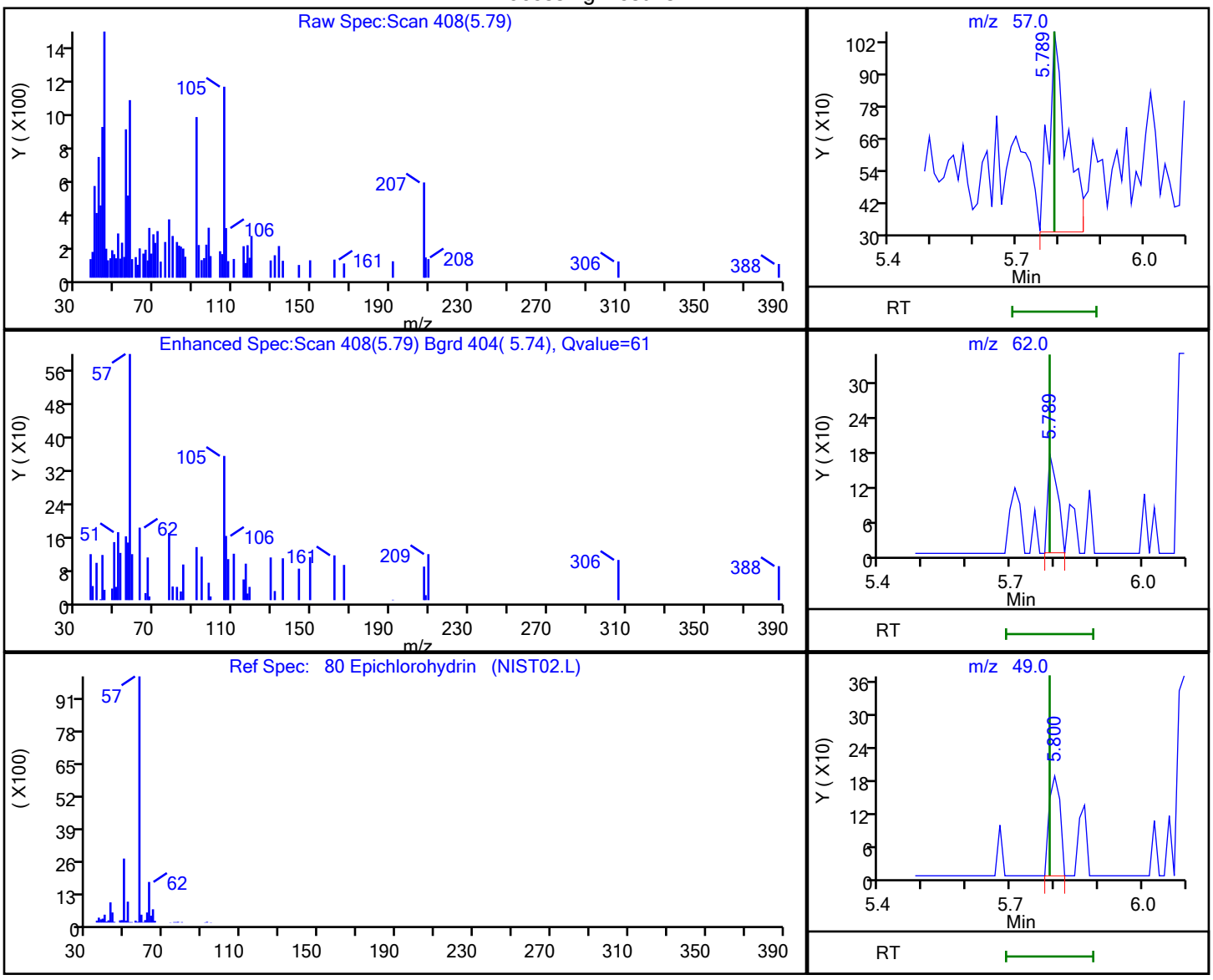
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
5.79	57.00	2216	5.091228
5.79	62.00	272	
5.80	49.00	315	

Reviewer: NN6A, 12-Aug-2025 08:49:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

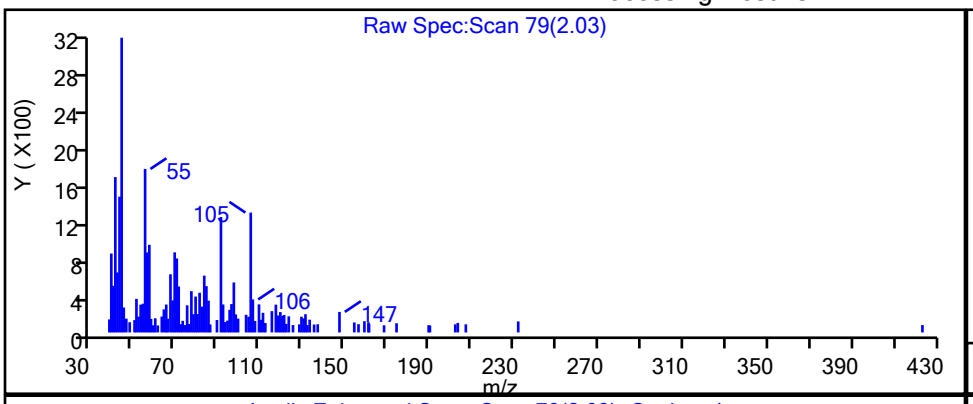
User Disabled Compound Report

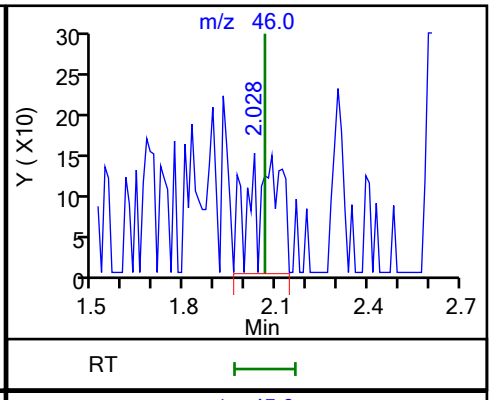
Eurofins Edison

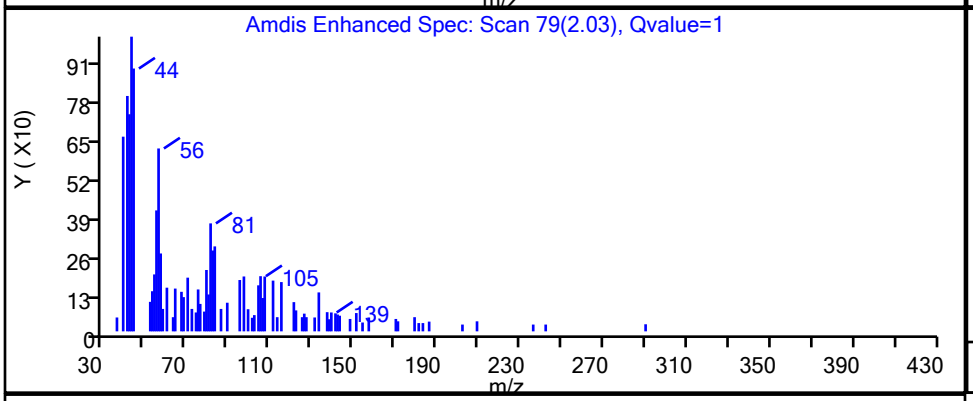
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

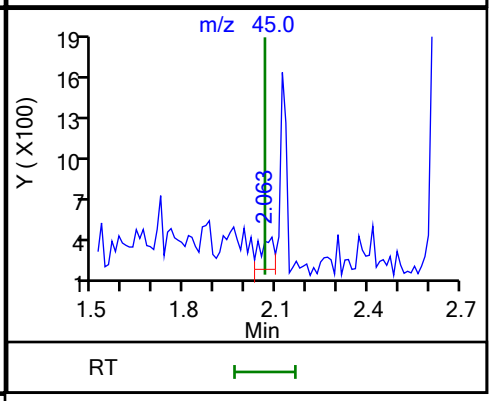
14 Ethanol, CAS: 64-17-5

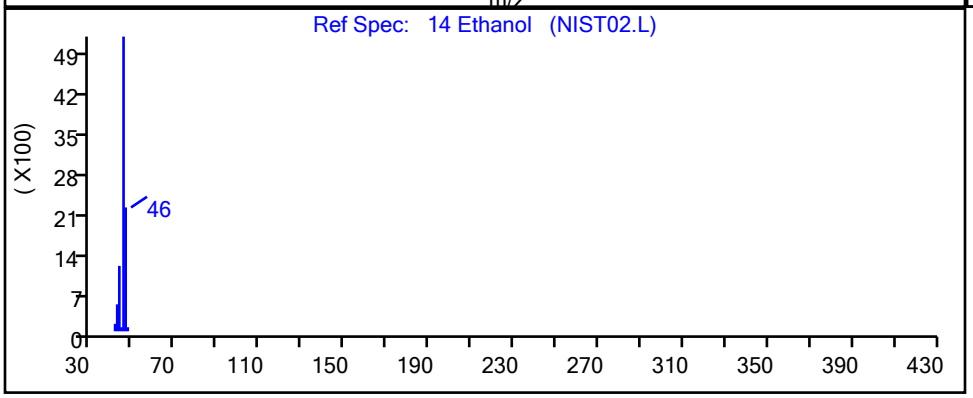
Processing Results











RT	Mass	Response	Amount
2.03	46.00	1025	15.117683
2.06	45.00	752	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

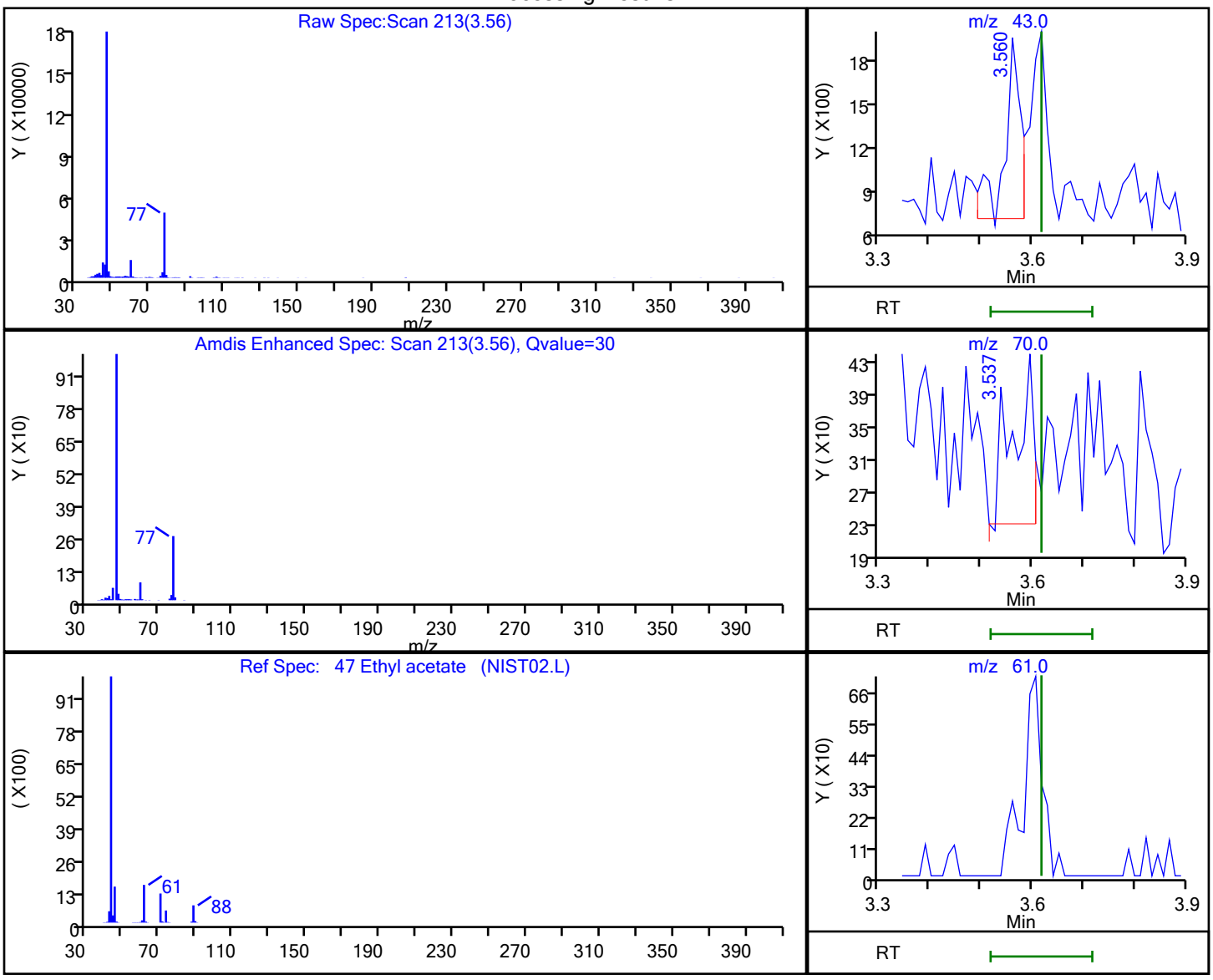
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.56	43.00	2639	0.400000
3.54	70.00	571	
3.62	61.00	0	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

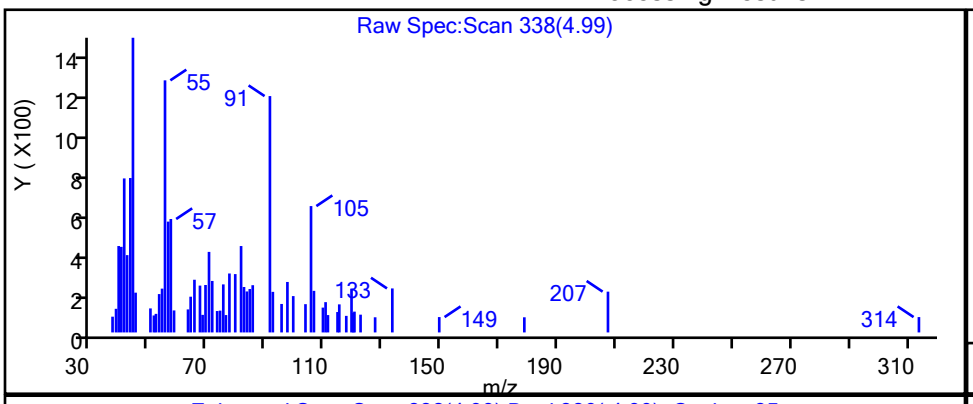
User Disabled Compound Report

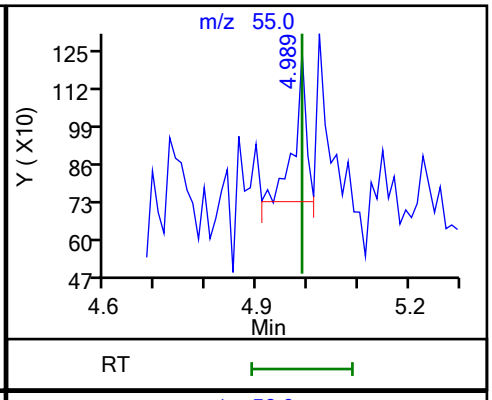
Eurofins Edison

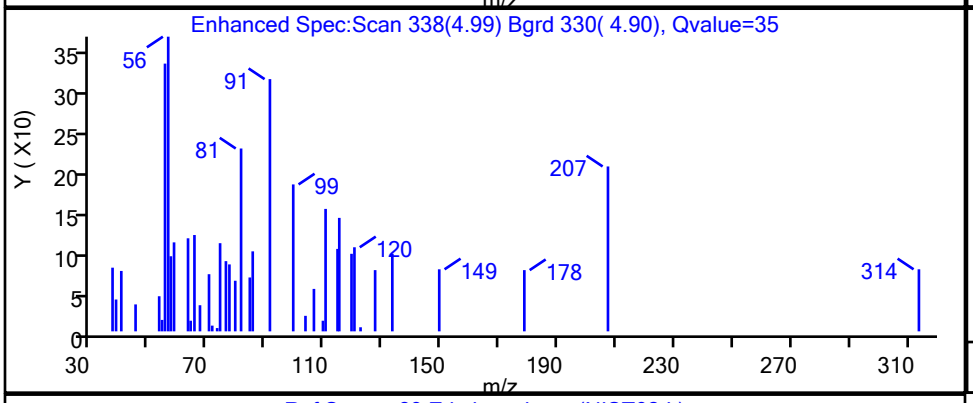
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

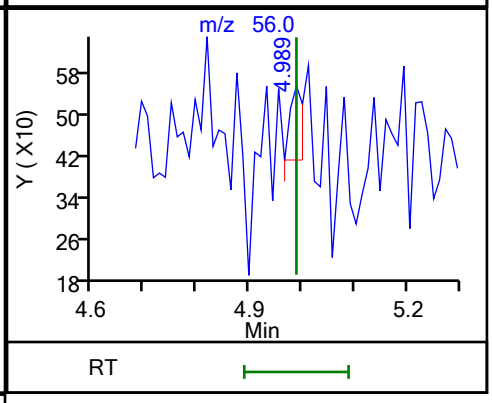
69 Ethyl acrylate, CAS: 140-88-5

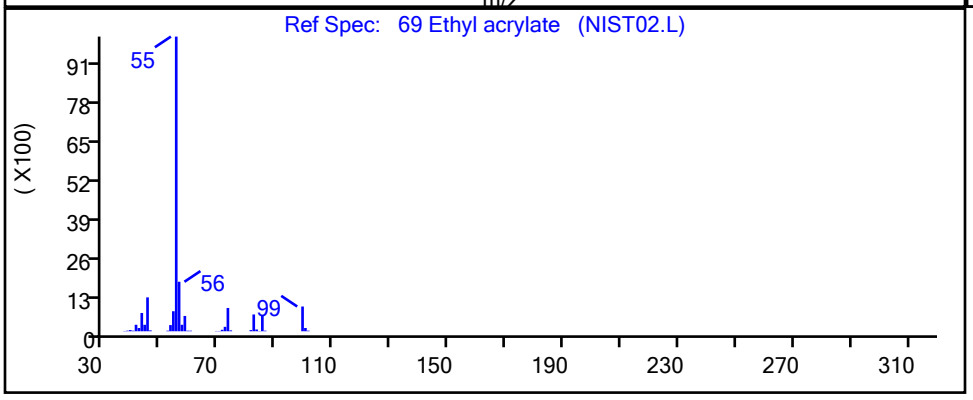
Processing Results











RT	Mass	Response	Amount
4.99	55.00	848	0.200000
4.99	56.00	241	

Reviewer: NN6A, 12-Aug-2025 08:48:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

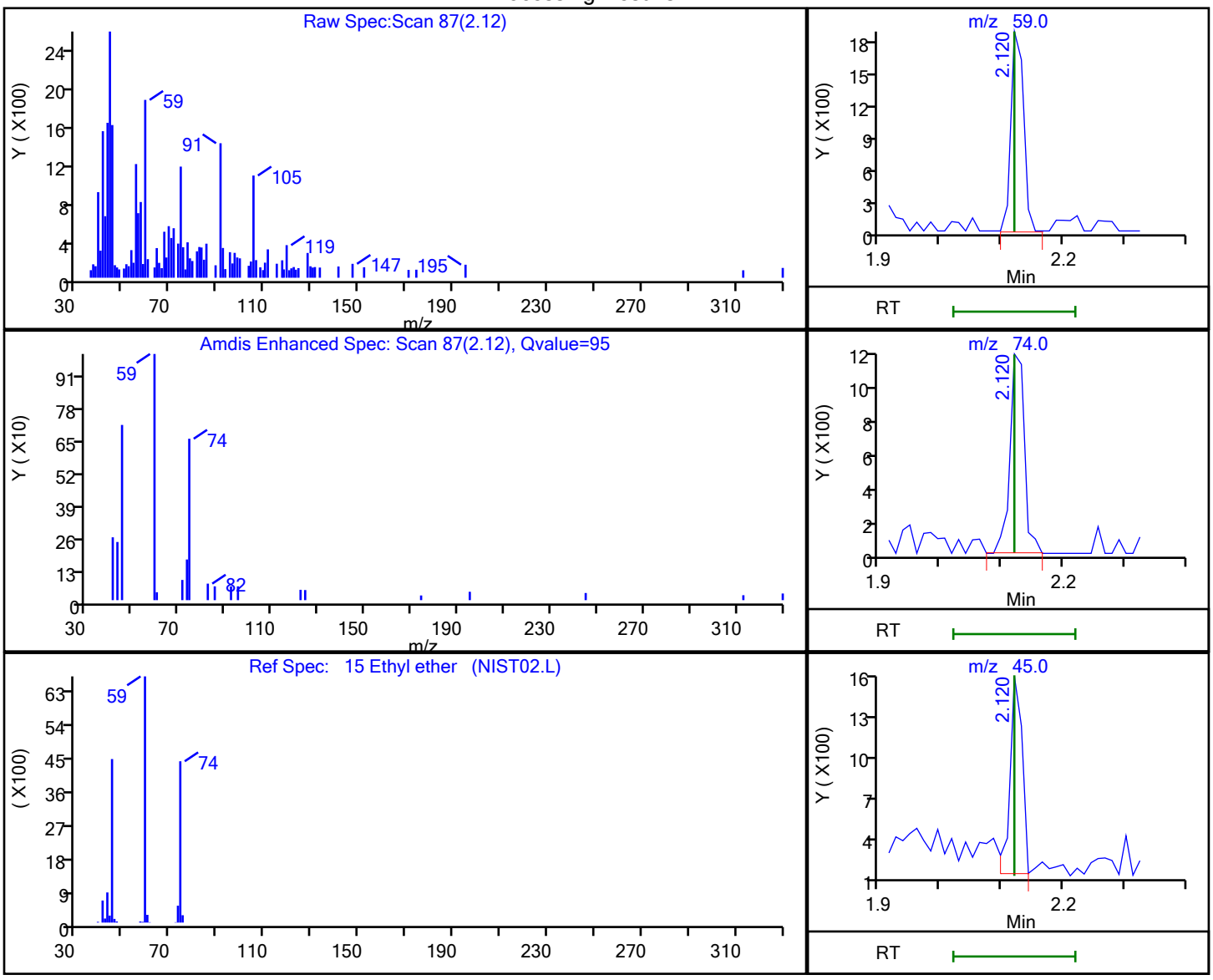
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.12	59.00	2611	0.200000
2.12	74.00	1889	
2.12	45.00	1913	

Reviewer: NN6A, 12-Aug-2025 08:48:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

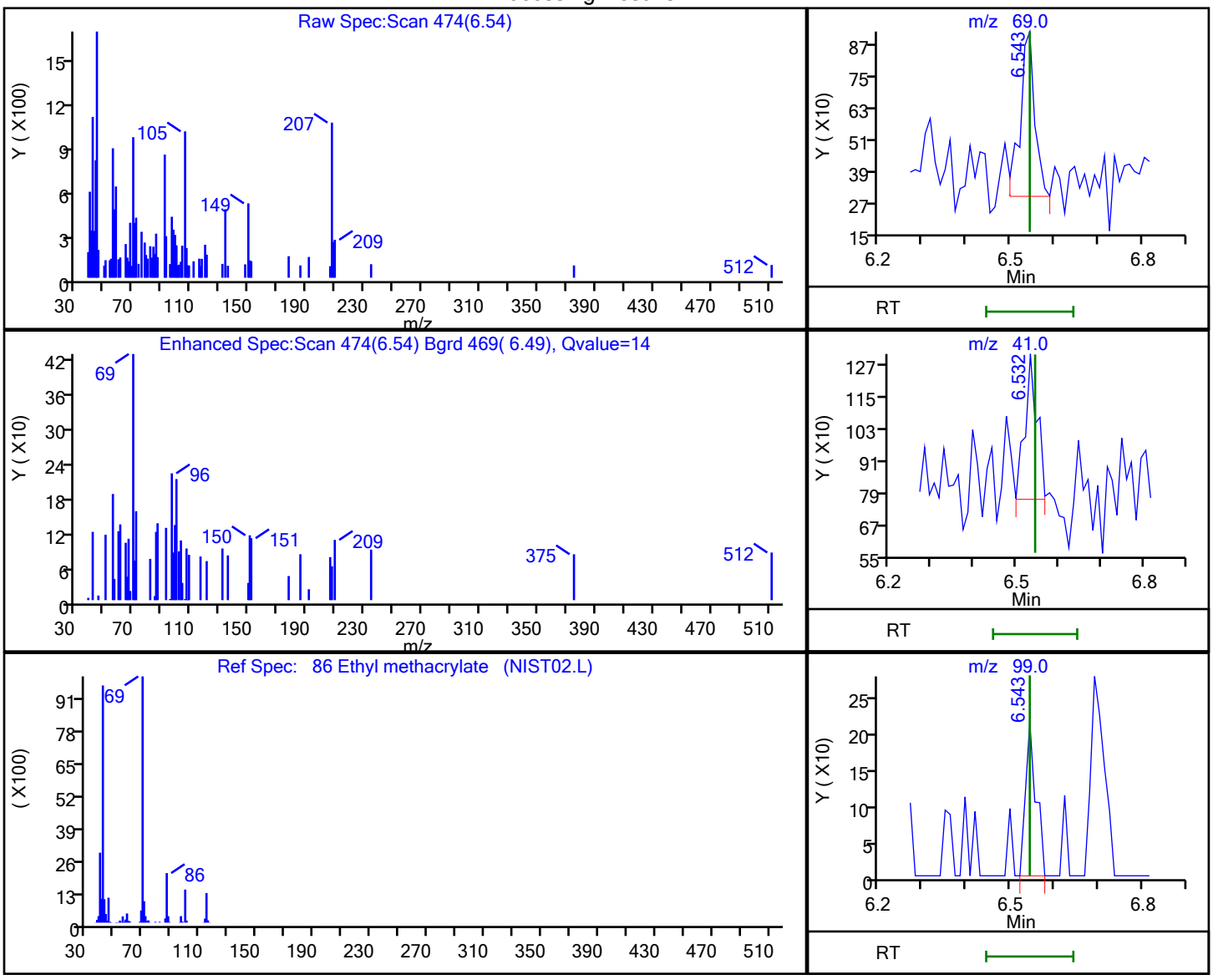
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.54	69.00	1457	0.200000
6.53	41.00	1090	
6.54	99.00	353	

Reviewer: NN6A, 12-Aug-2025 08:49:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

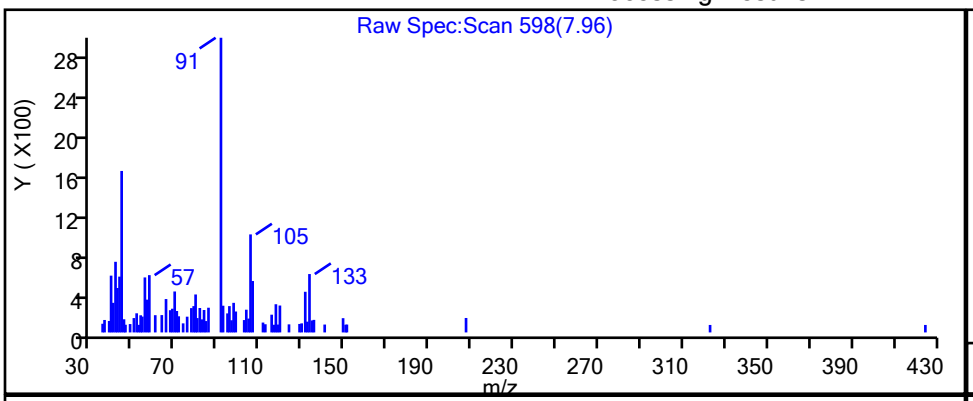
User Disabled Compound Report

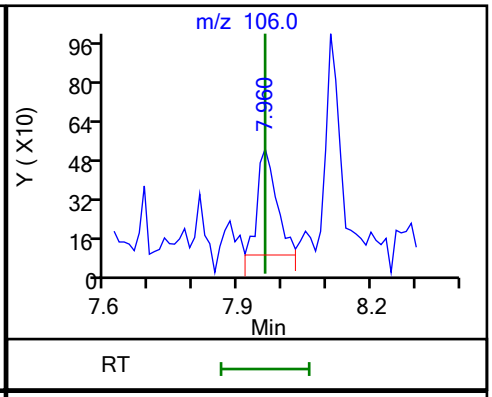
Eurofins Edison

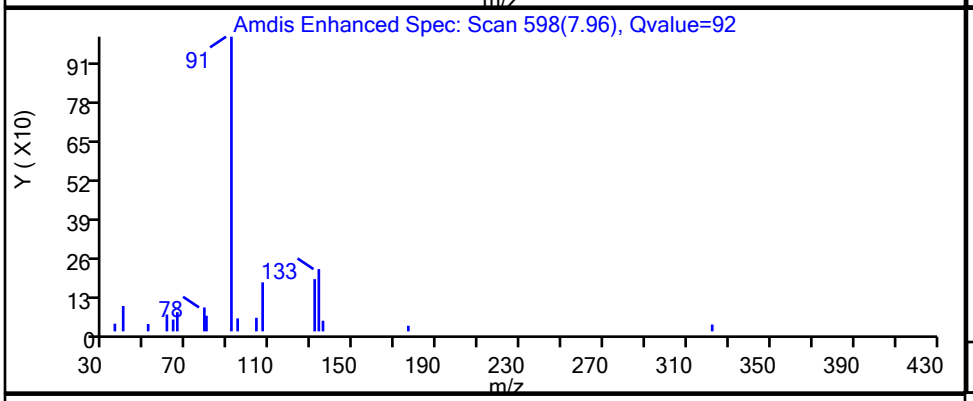
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

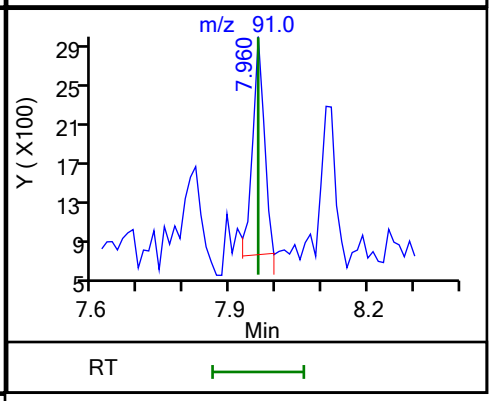
97 Ethylbenzene, CAS: 100-41-4

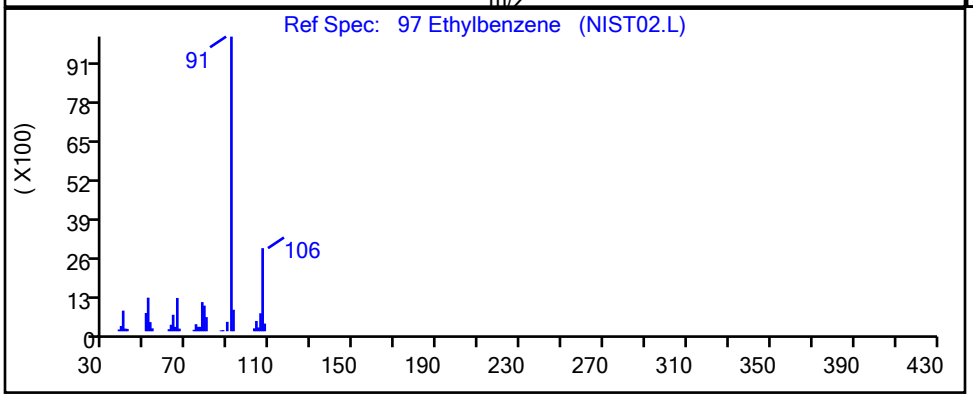
Processing Results











RT	Mass	Response	Amount
7.96	106.00	1296	0.193261
7.96	91.00	3901	

Reviewer: NN6A, 12-Aug-2025 08:49:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

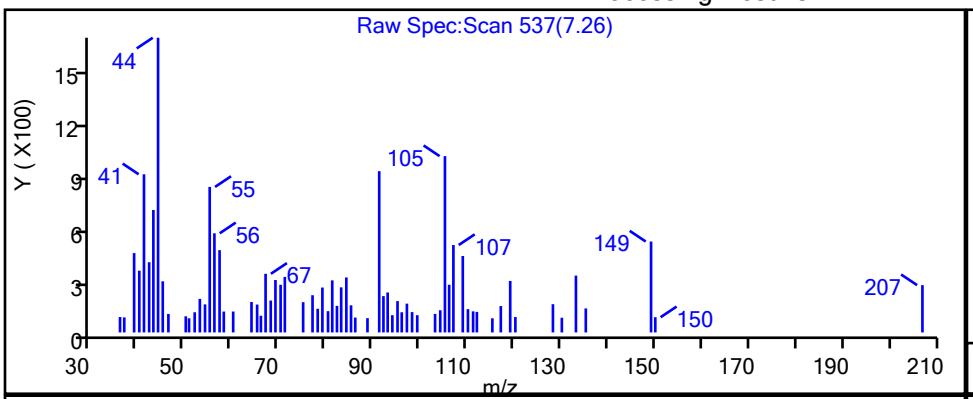
User Disabled Compound Report

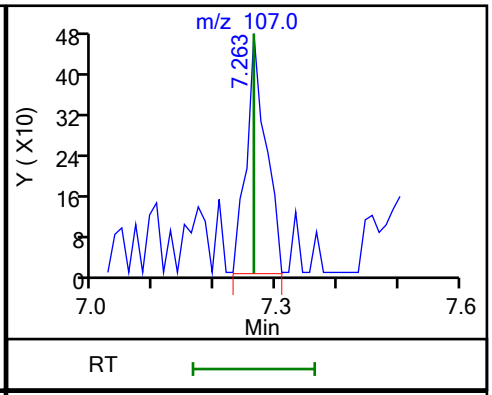
Eurofins Edison

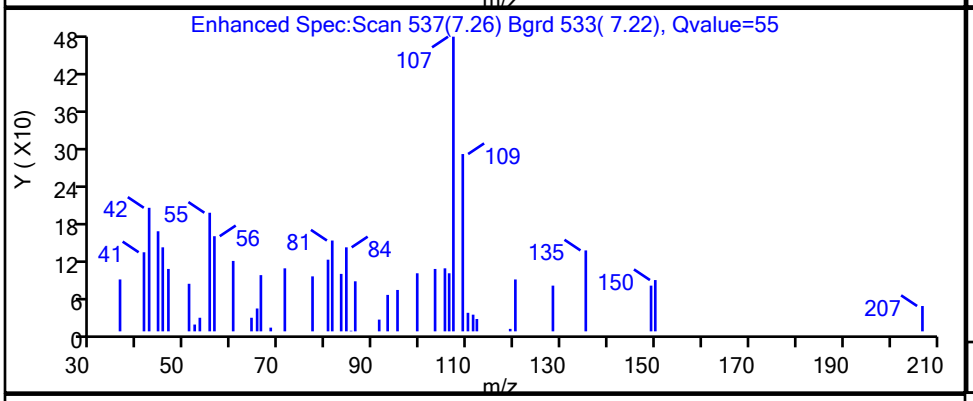
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

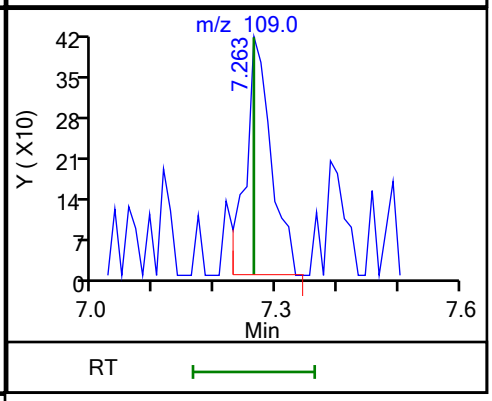
93 Ethylene Dibromide, CAS: 106-93-4

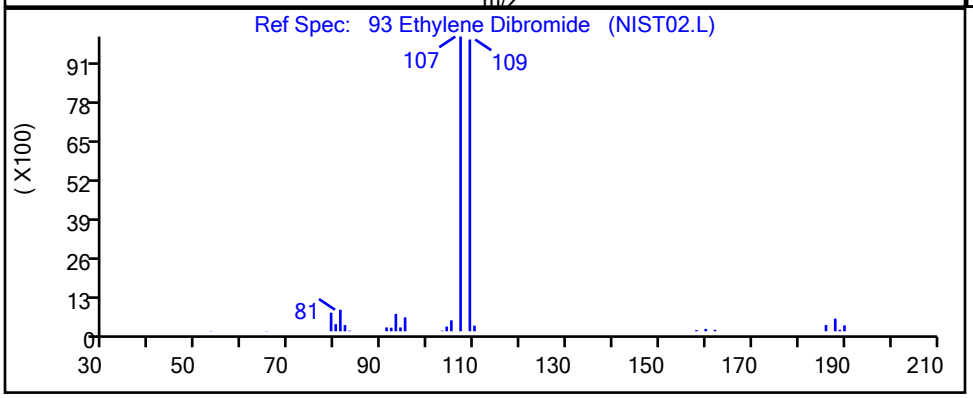
Processing Results











RT	Mass	Response	Amount
7.26	107.00	1048	0.213132
7.26	109.00	1197	

Reviewer: NN6A, 12-Aug-2025 08:49:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

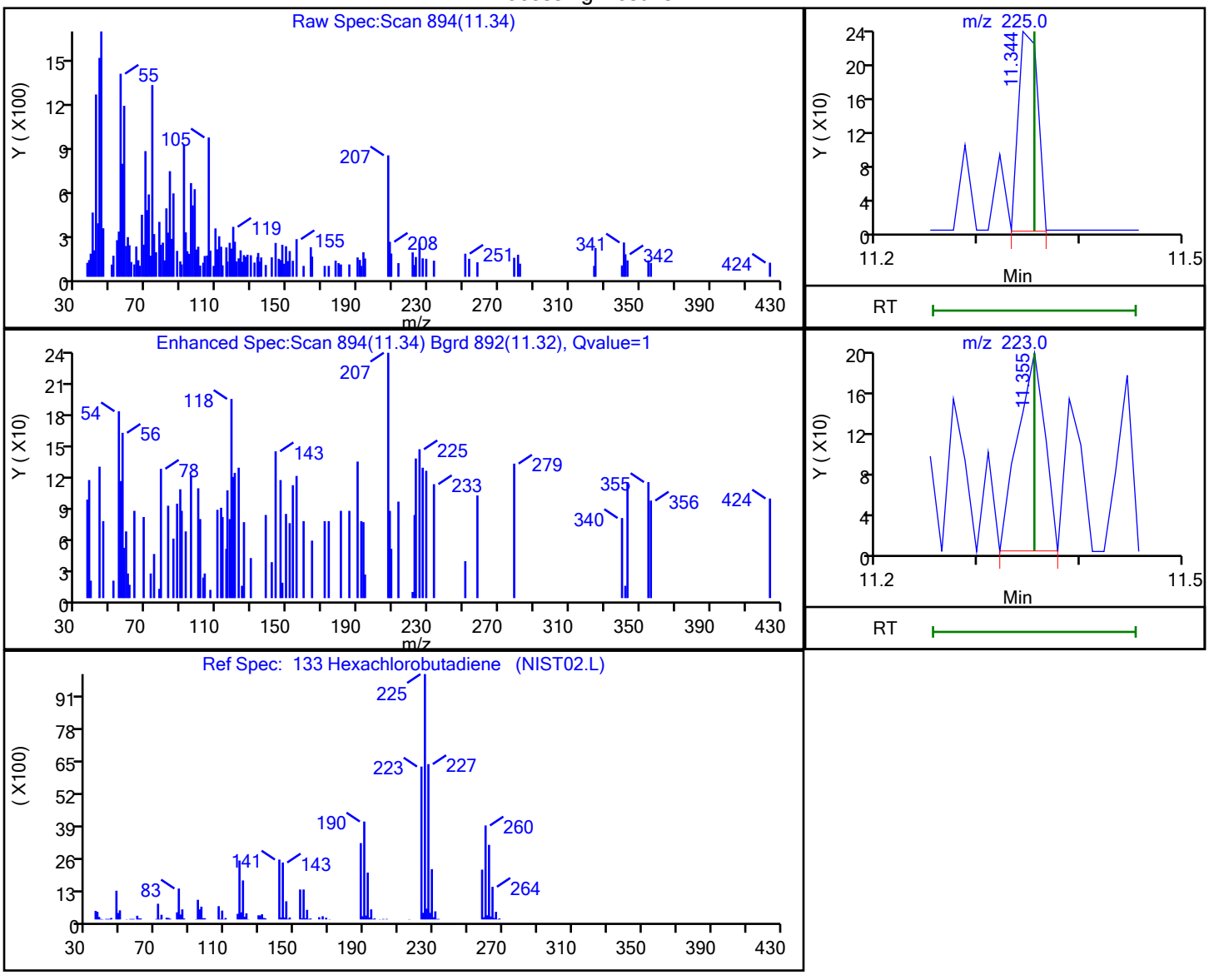
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
11.34	225.00	311	0.211260
11.36	223.00	359	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

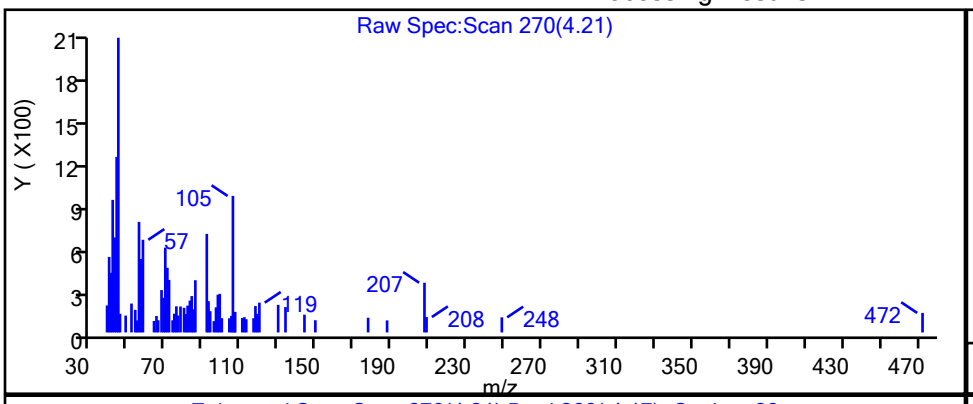
User Disabled Compound Report

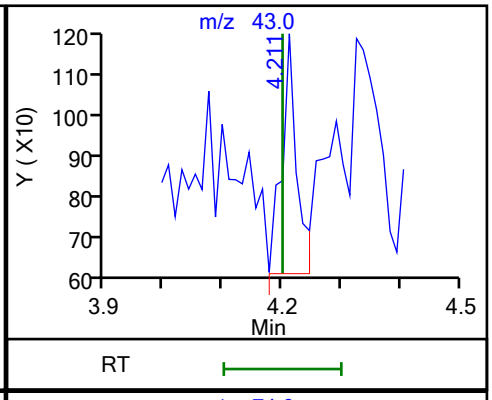
Eurofins Edison

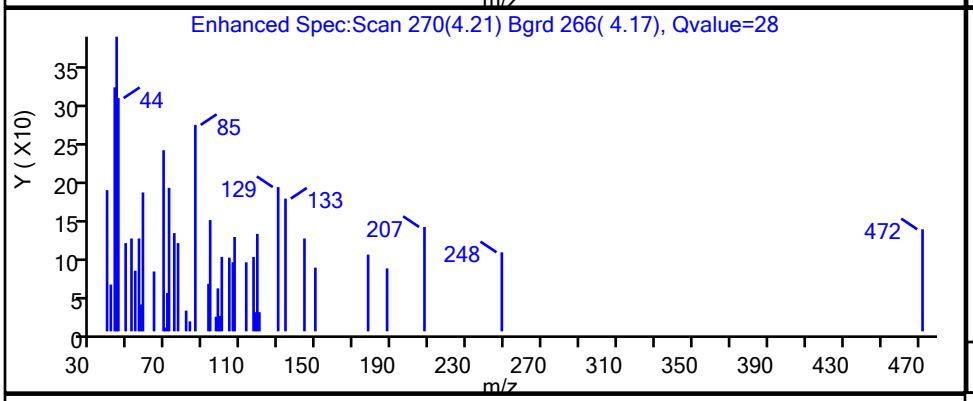
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

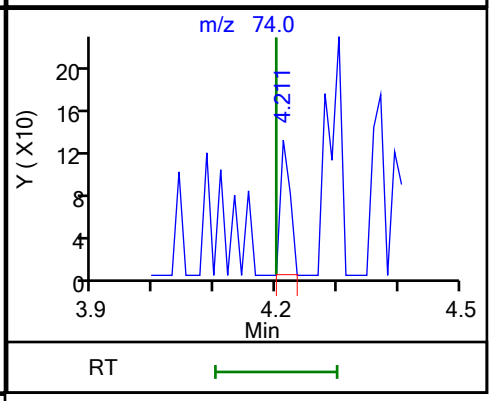
61 Isobutyl alcohol, CAS: 78-83-1

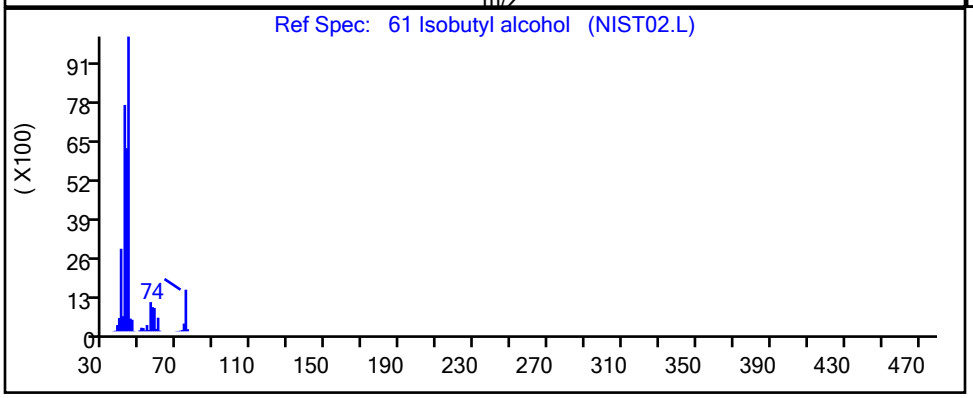
Processing Results











RT	Mass	Response	Amount
4.21	43.00	1031	7.894951
4.21	74.00	141	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

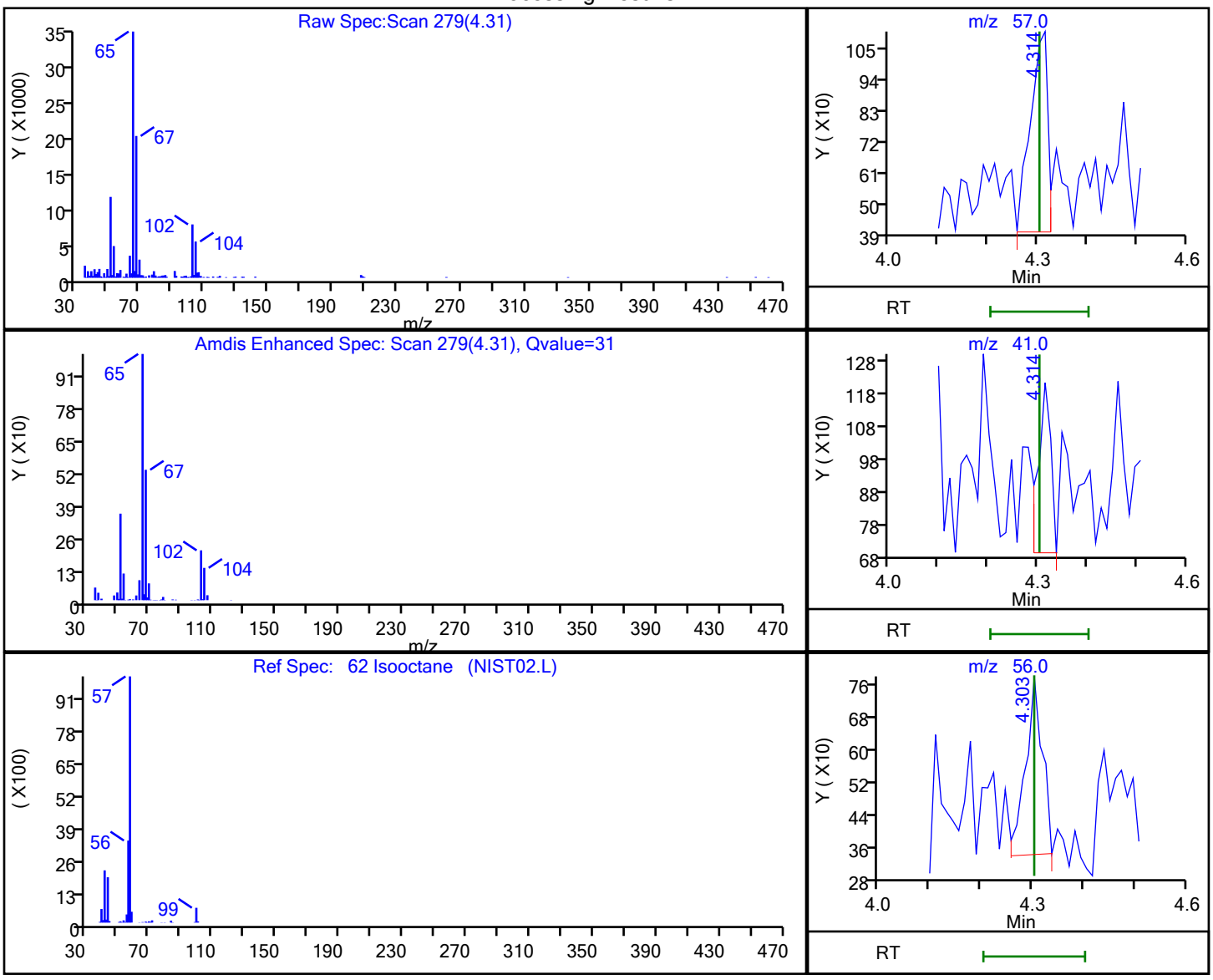
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.31	57.00	1753	0.202526
4.31	41.00	925	
4.30	56.00	1031	

Reviewer: NN6A, 12-Aug-2025 08:48:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

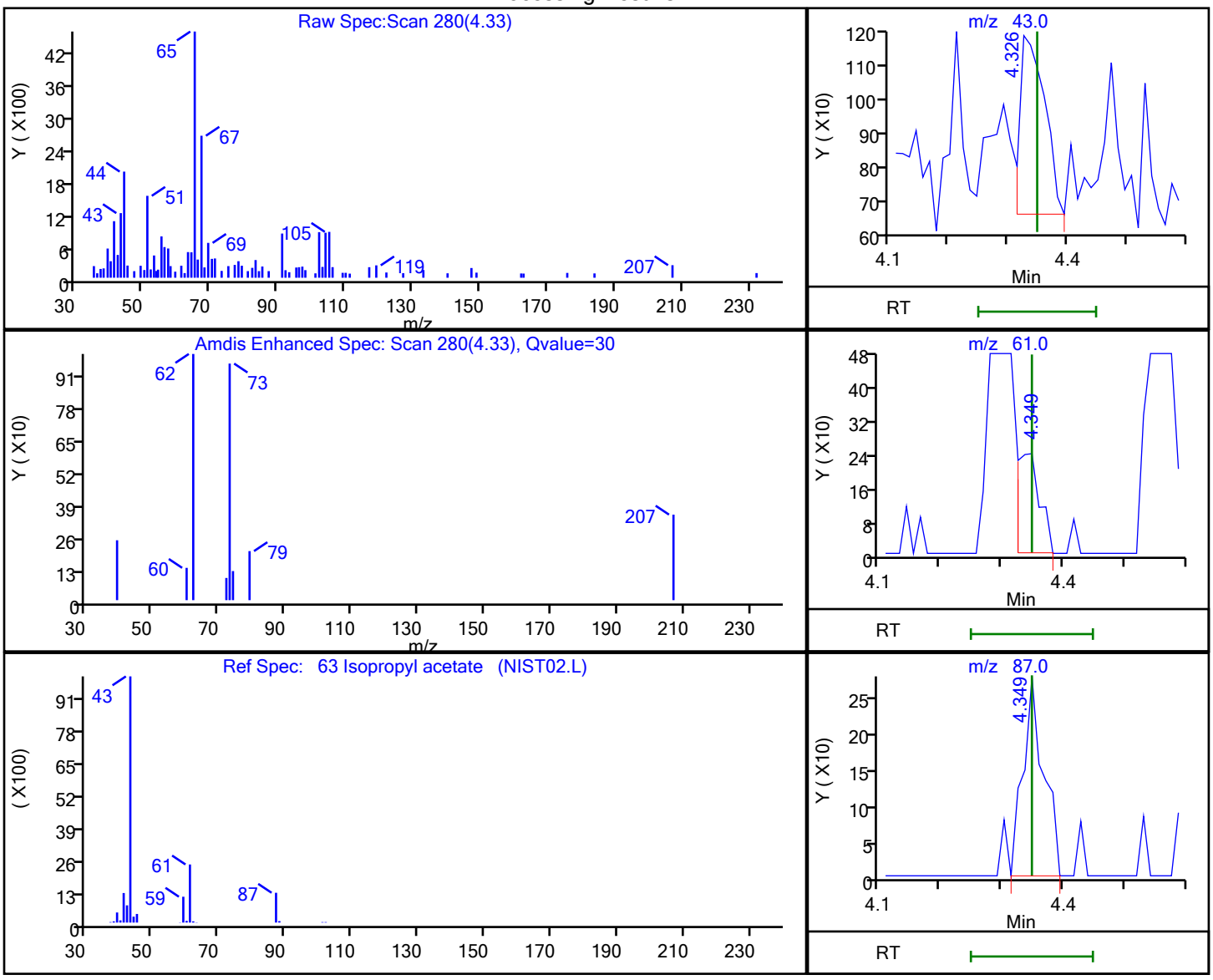
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.33	43.00	1539	0.177452
4.35	61.00	623	
4.35	87.00	646	

Reviewer: NN6A, 12-Aug-2025 08:48:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

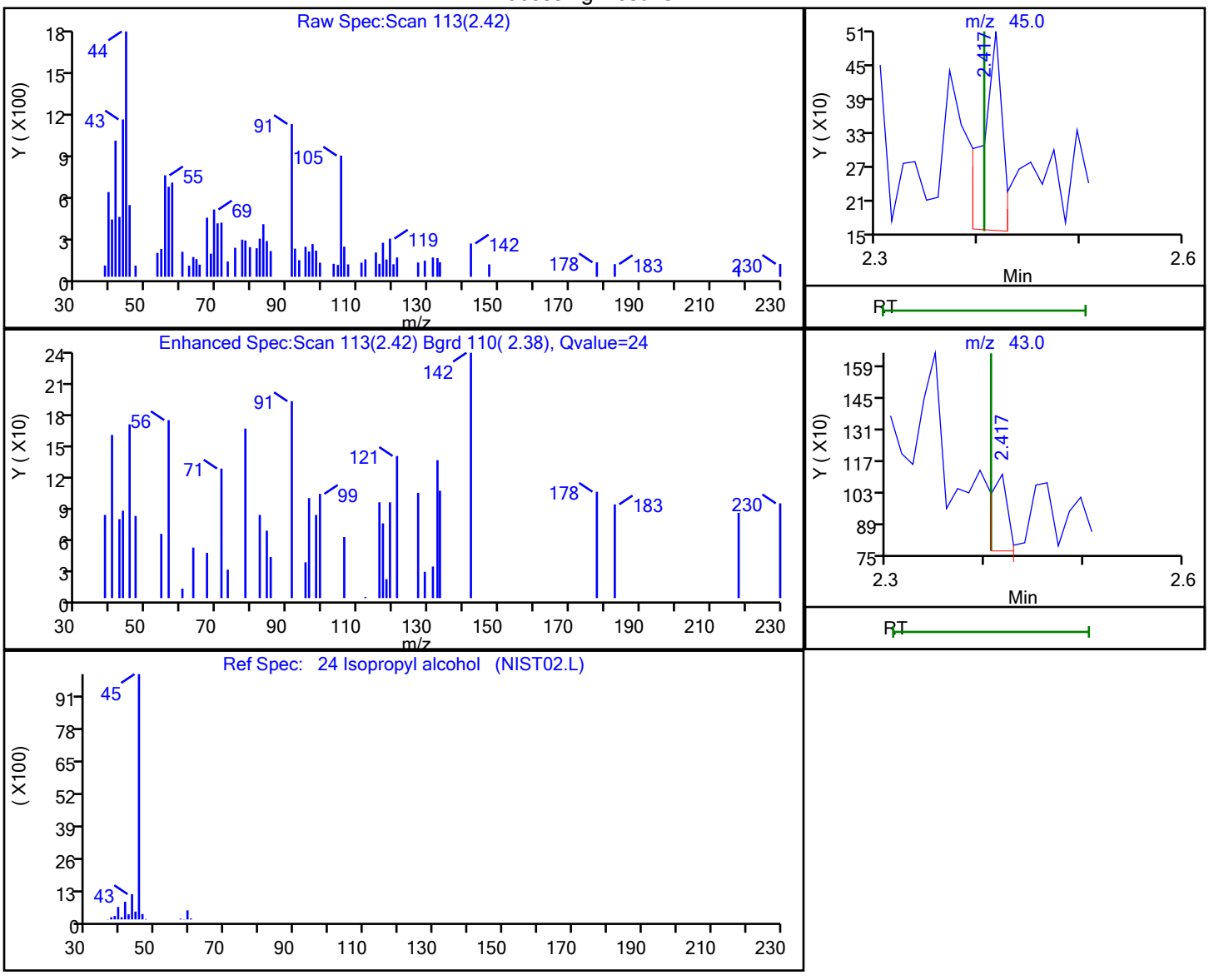
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.42	45.00	485	2.000000
2.42	43.00	426	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

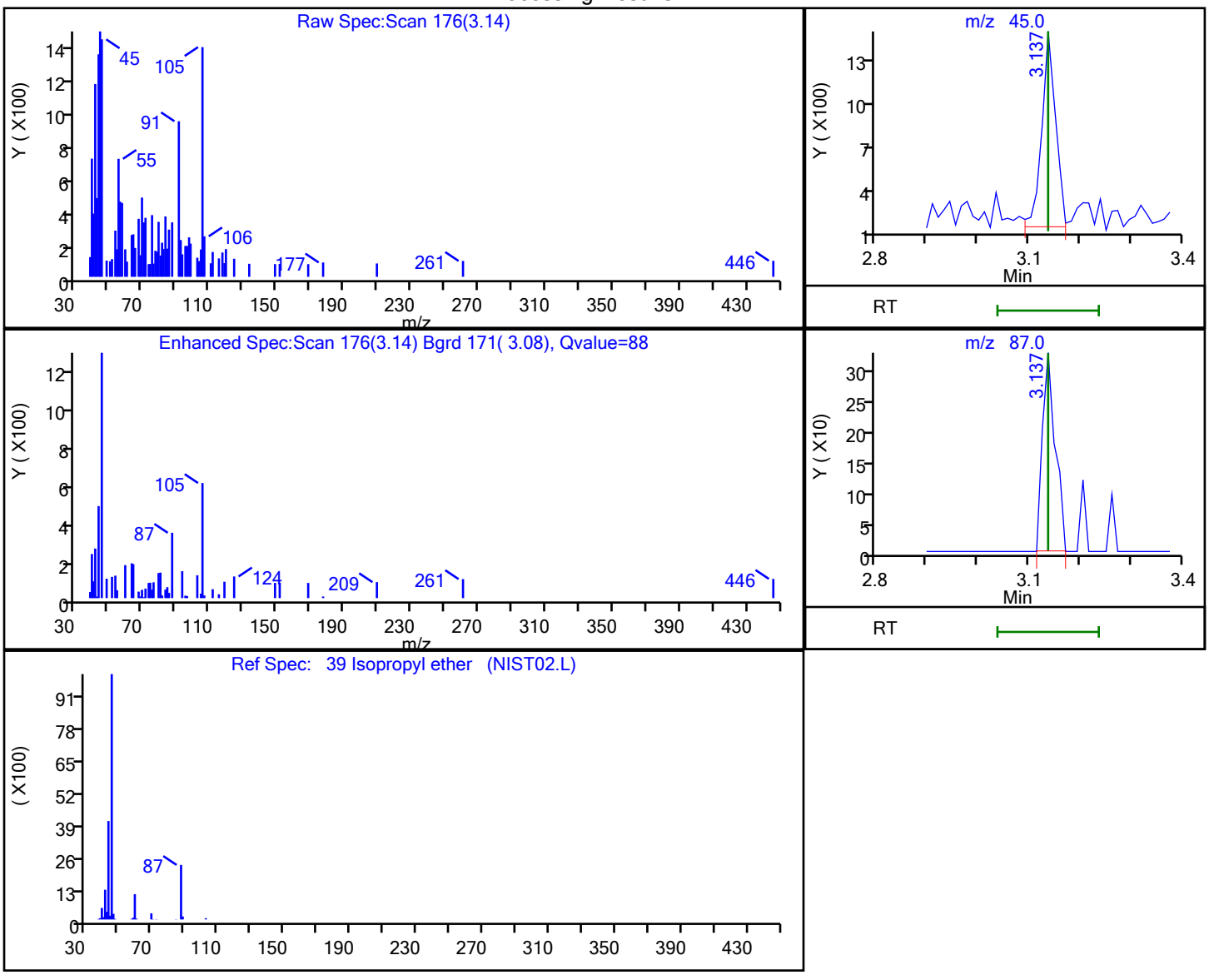
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.14	45.00	2429	0.215329
3.14	87.00	569	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

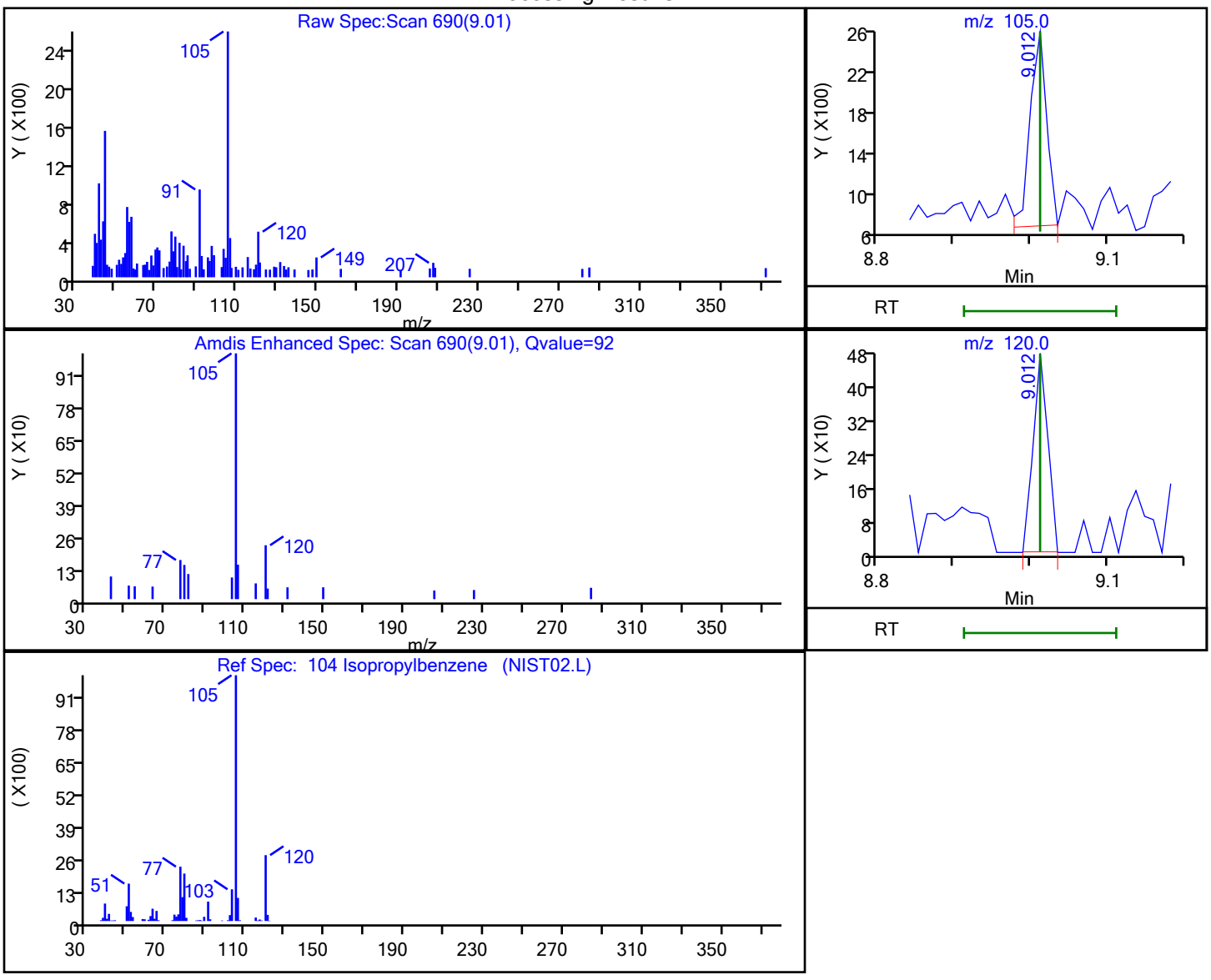
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.01	105.00	2830	0.187143
9.01	120.00	636	

Reviewer: NN6A, 12-Aug-2025 08:49:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

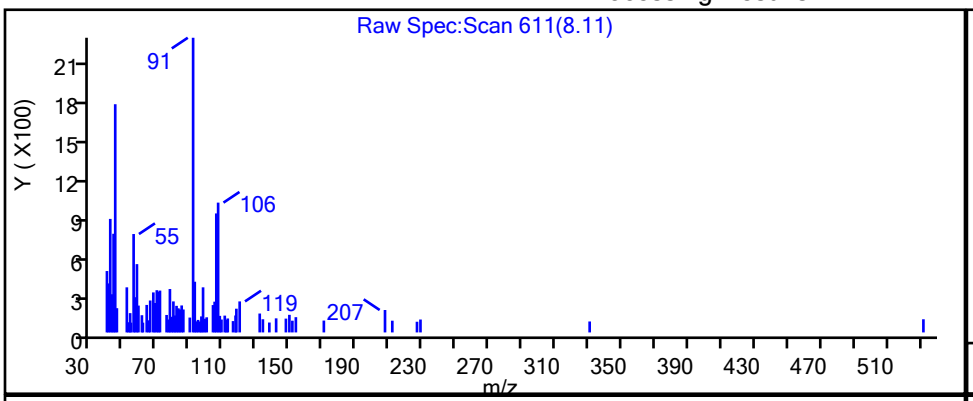
User Disabled Compound Report

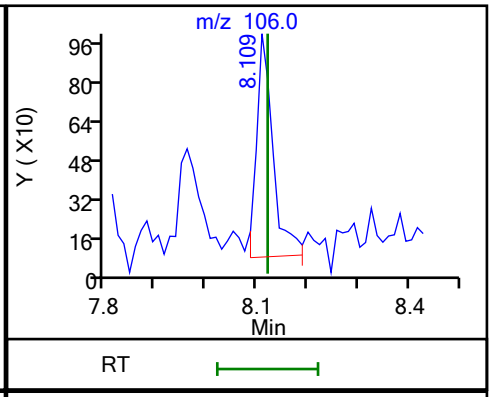
Eurofins Edison

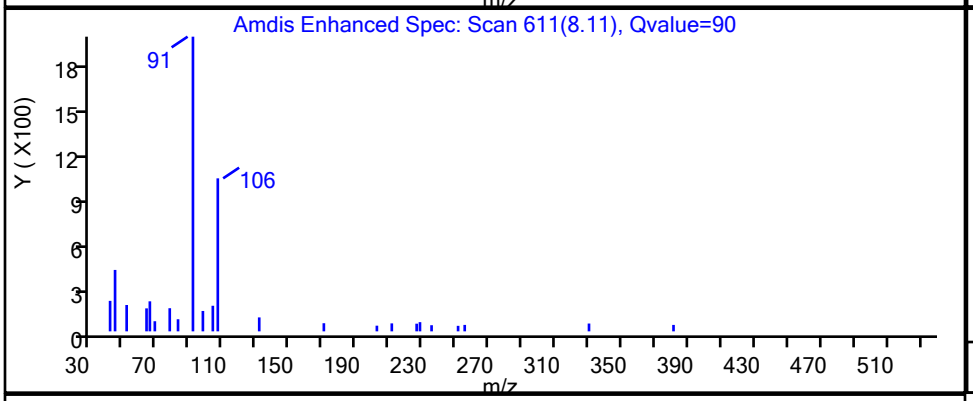
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

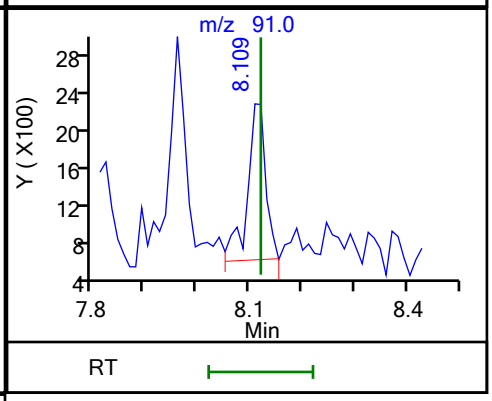
98 m-Xylene & p-Xylene, CAS: 179601-23-1

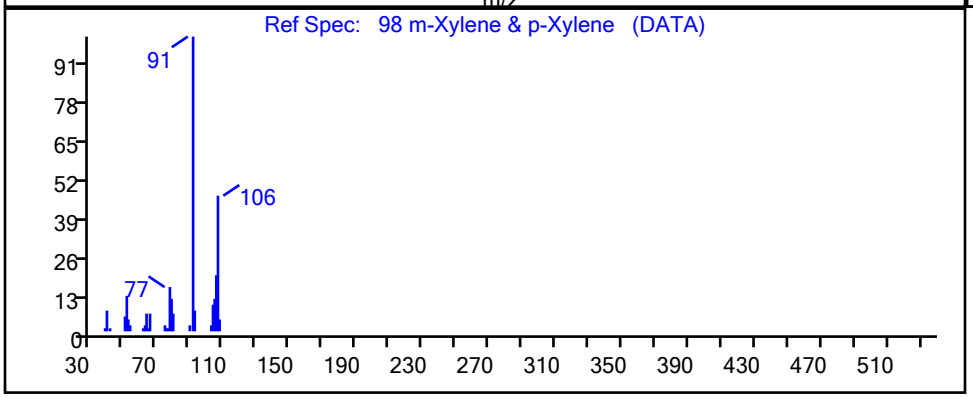
Processing Results











RT	Mass	Response	Amount
8.11	106.00	2071	0.207138
8.11	91.00	3945	

Reviewer: NN6A, 12-Aug-2025 08:49:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

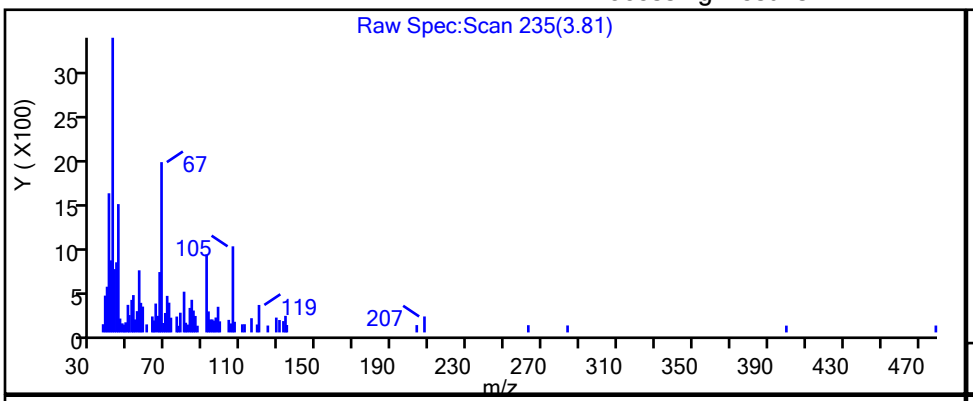
User Disabled Compound Report

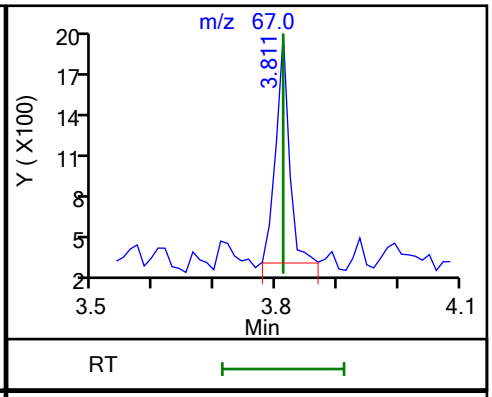
Eurofins Edison

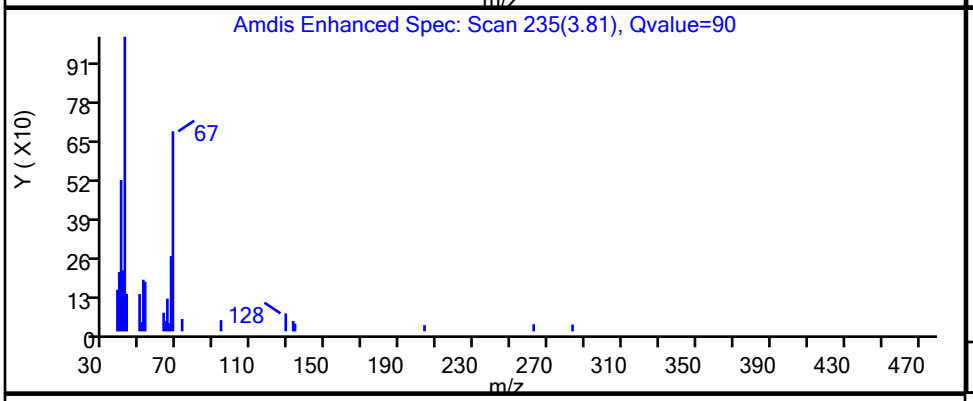
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

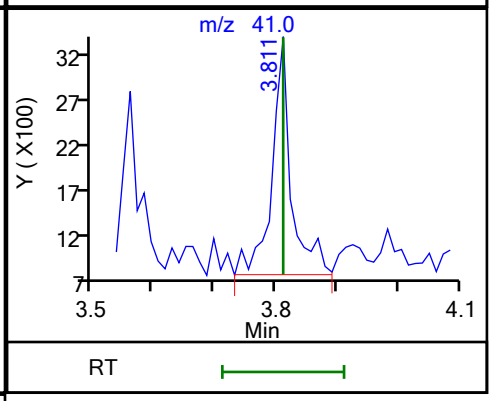
50 Methacrylonitrile, CAS: 126-98-7

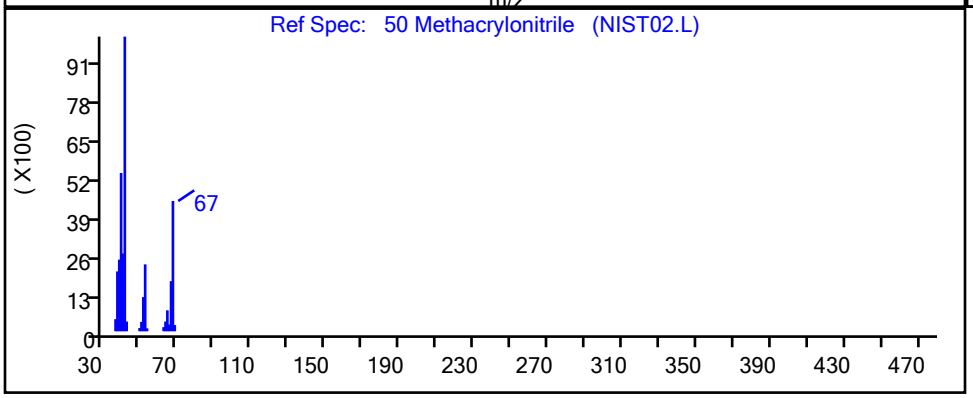
Processing Results











RT	Mass	Response	Amount
3.81	67.00	2500	1.899307
3.81	41.00	5887	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

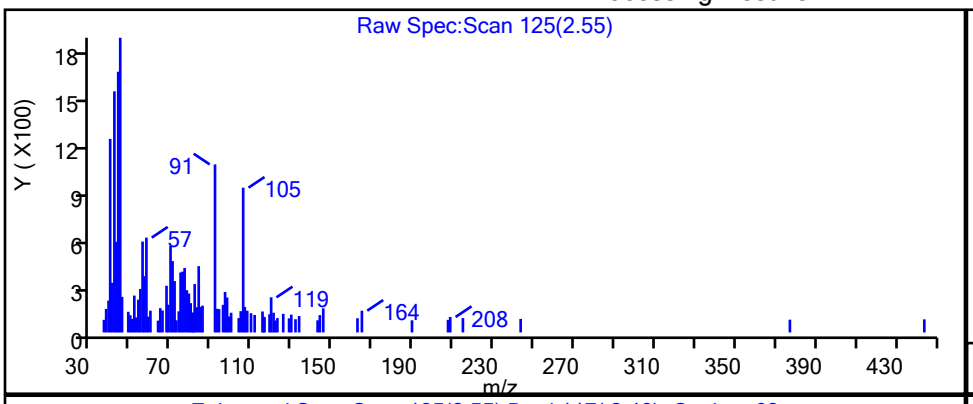
User Disabled Compound Report

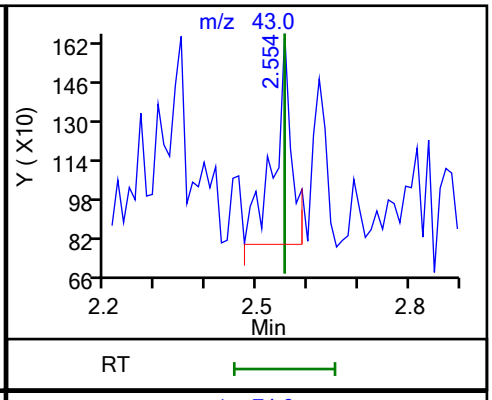
Eurofins Edison

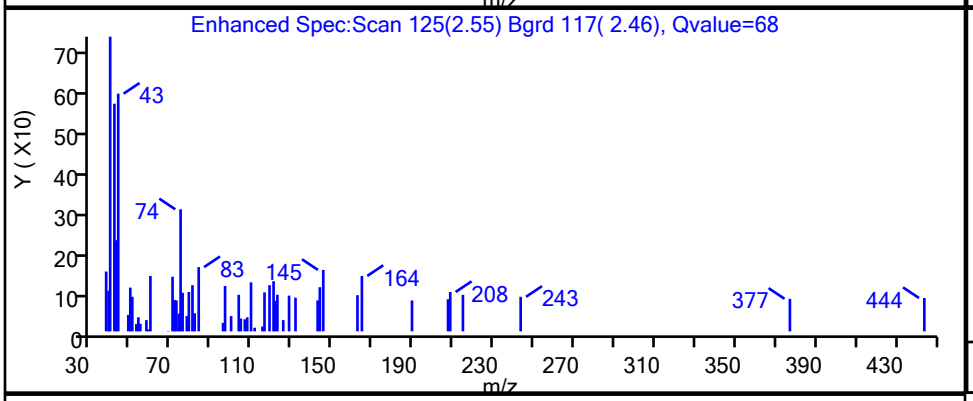
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

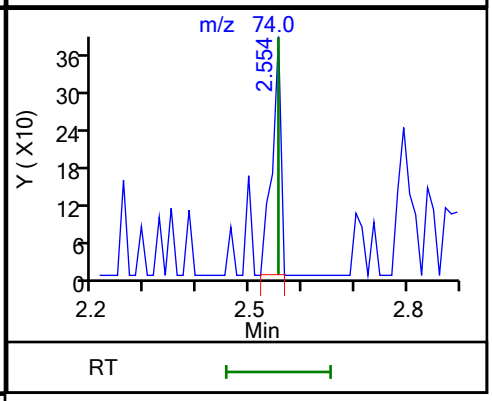
28 Methyl acetate, CAS: 79-20-9

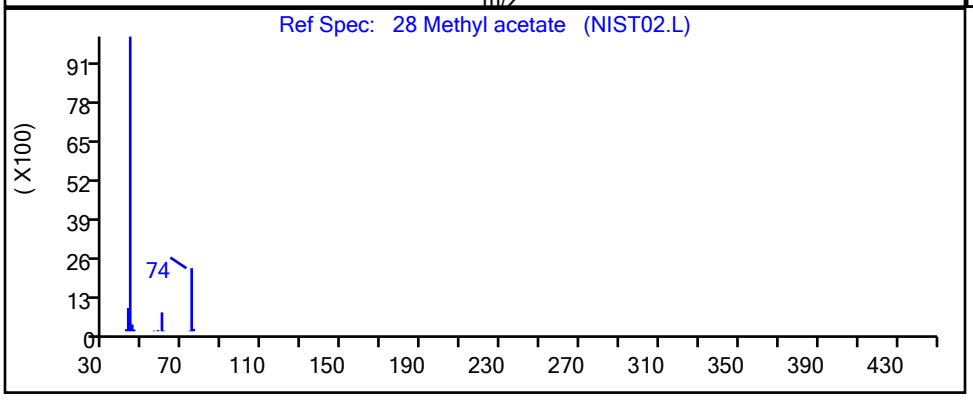
Processing Results











RT	Mass	Response	Amount
2.55	43.00	2091	0.400000
2.55	74.00	451	

Reviewer: NN6A, 12-Aug-2025 08:48:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

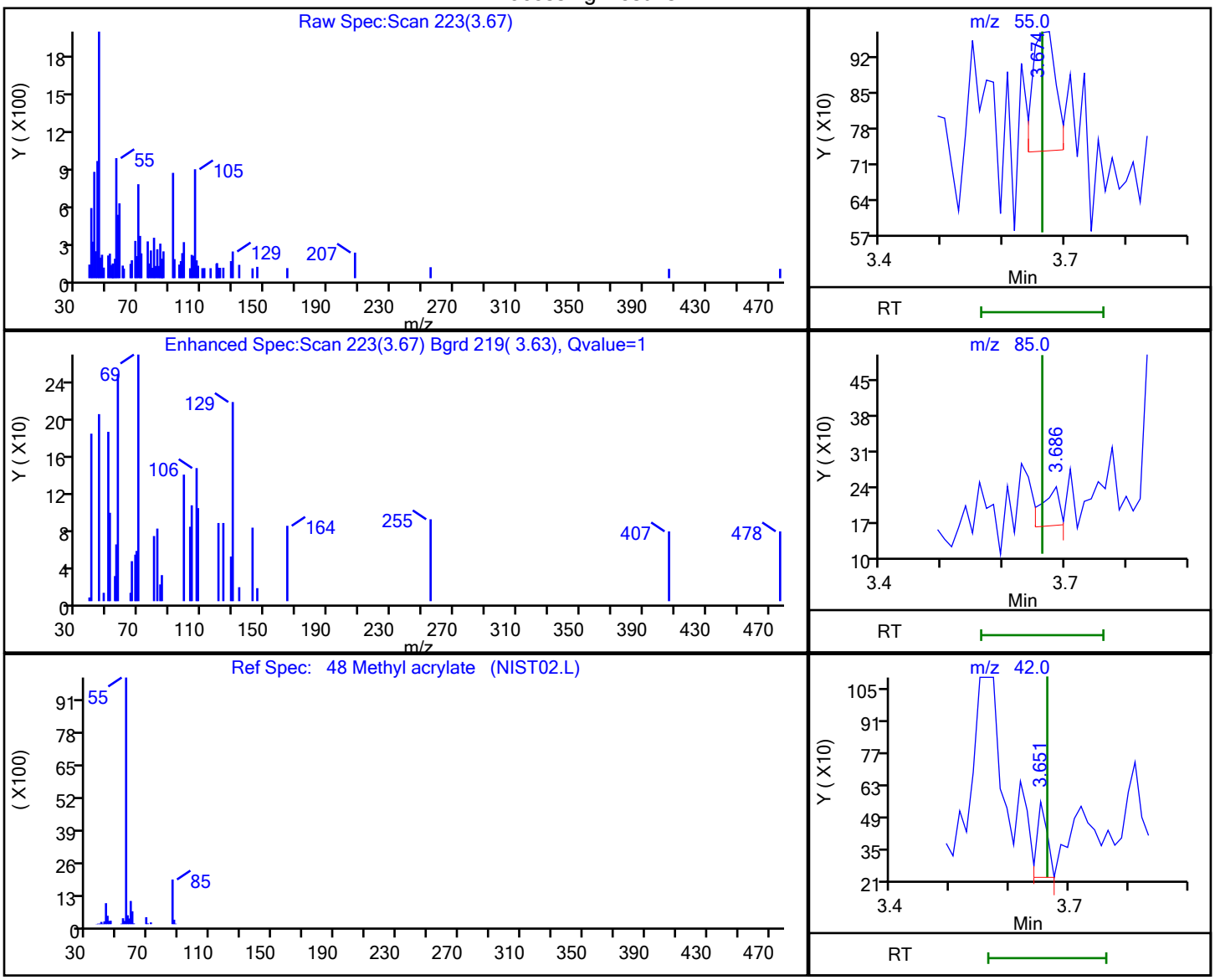
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.67	55.00	608	0.209814
3.69	85.00	154	
3.65	42.00	397	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

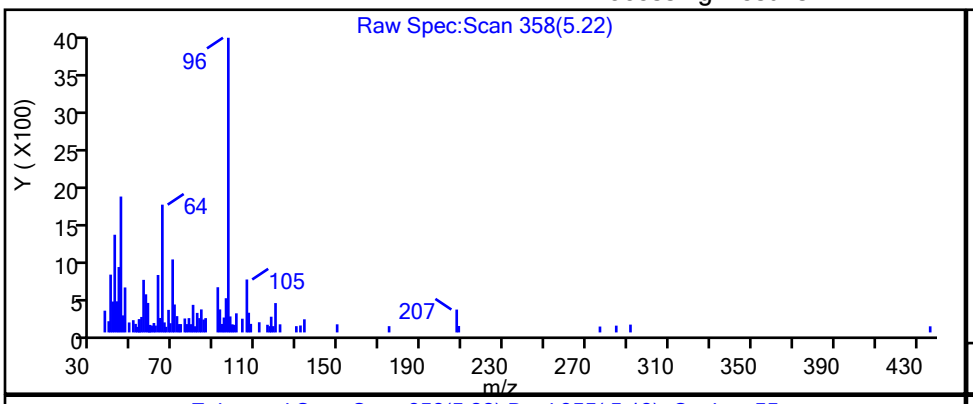
User Disabled Compound Report

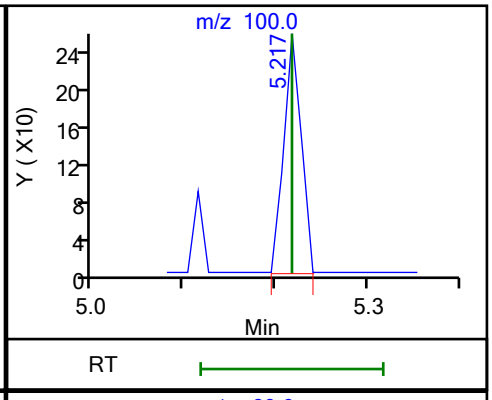
Eurofins Edison

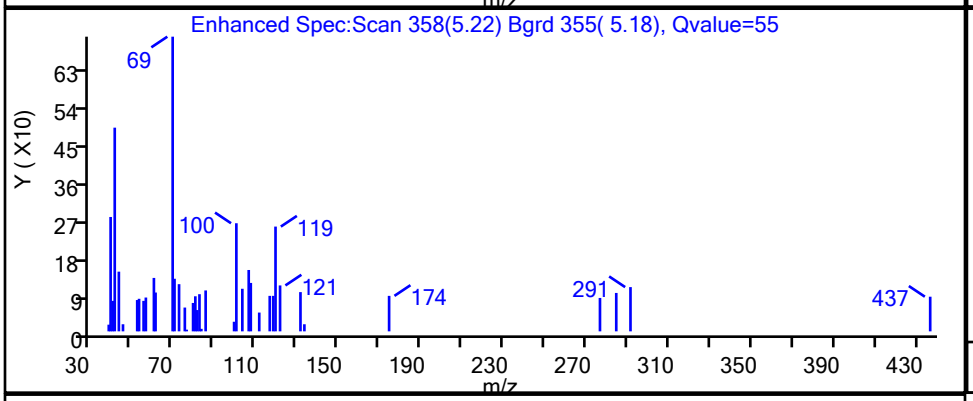
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

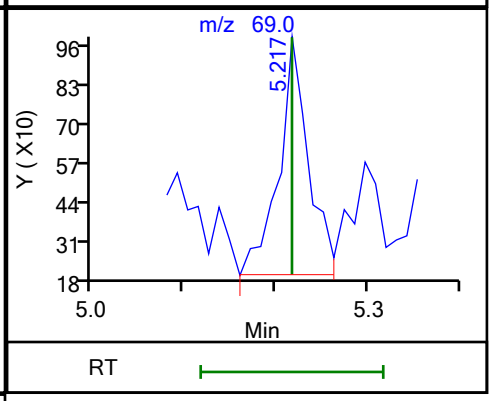
75 Methyl methacrylate, CAS: 80-62-6

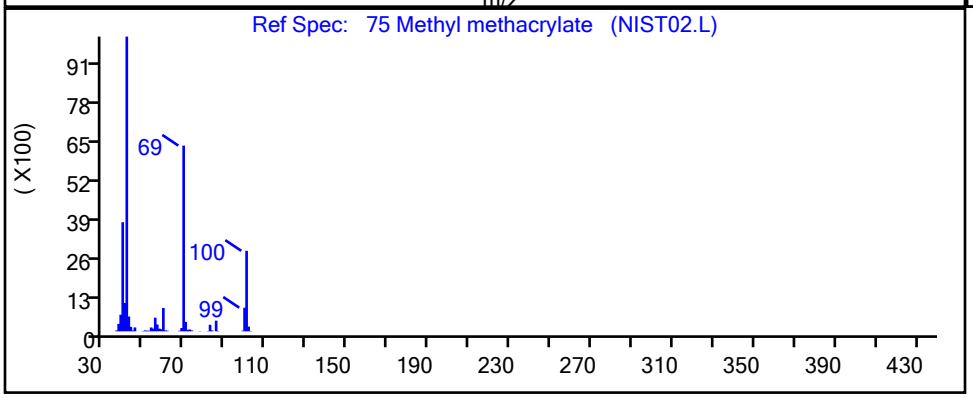
Processing Results











RT	Mass	Response	Amount
5.22	100.00	342	0.392043
5.22	69.00	1809	

Reviewer: NN6A, 12-Aug-2025 08:48:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

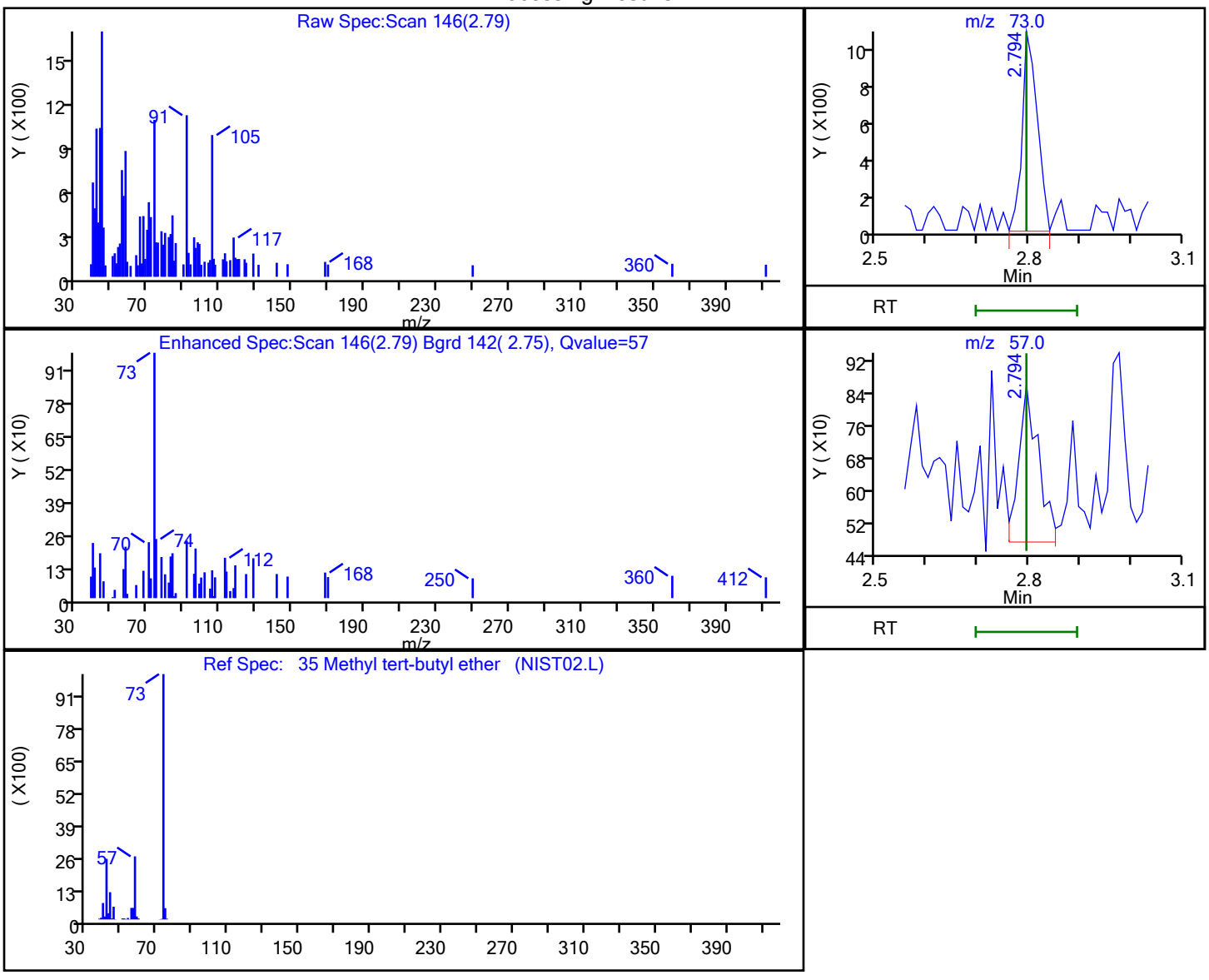
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.79	73.00	2221	0.198095
2.79	57.00	1051	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

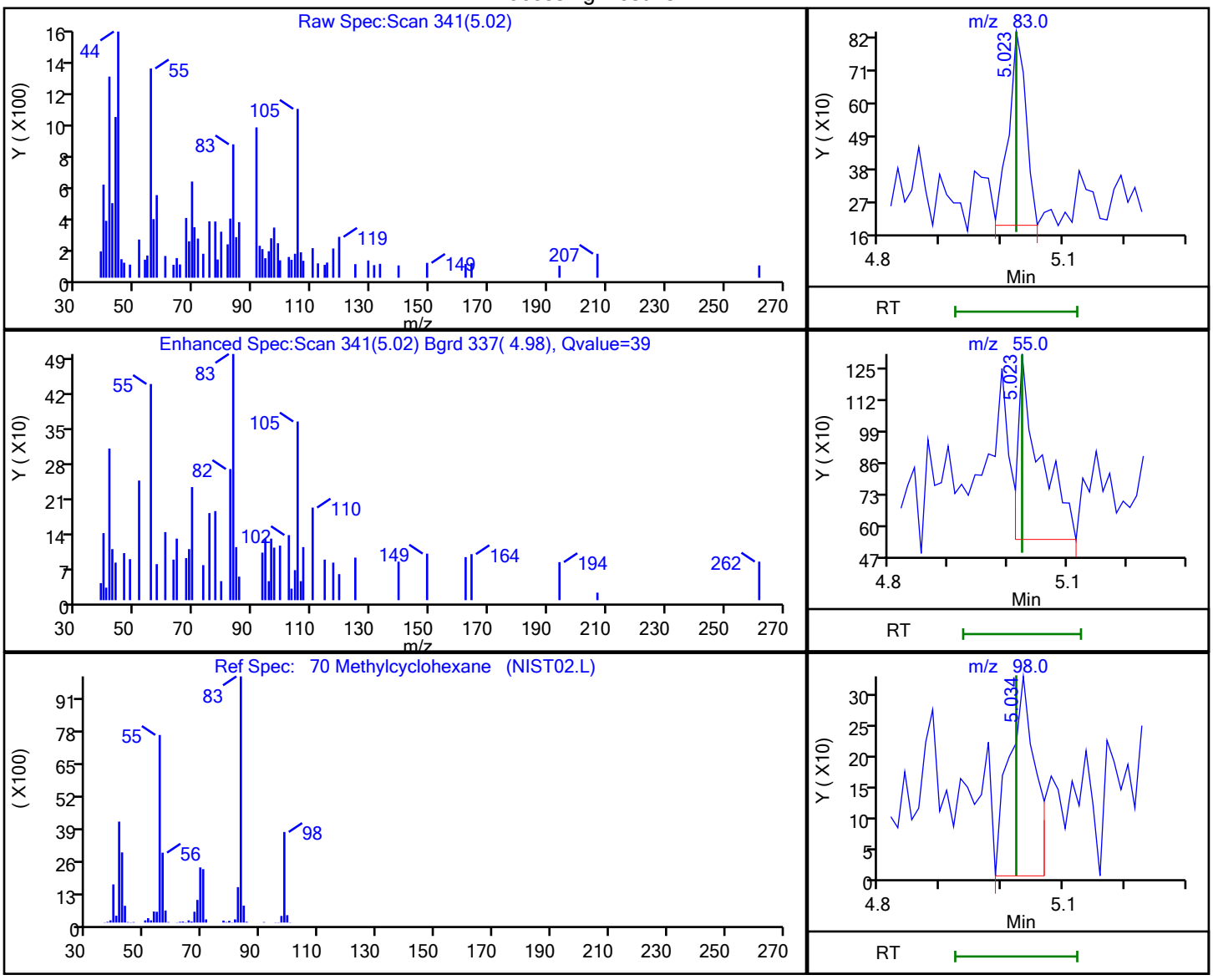
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.02	83.00	1261	0.192792
5.02	55.00	2056	
5.03	98.00	957	

Reviewer: NN6A, 12-Aug-2025 08:48:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

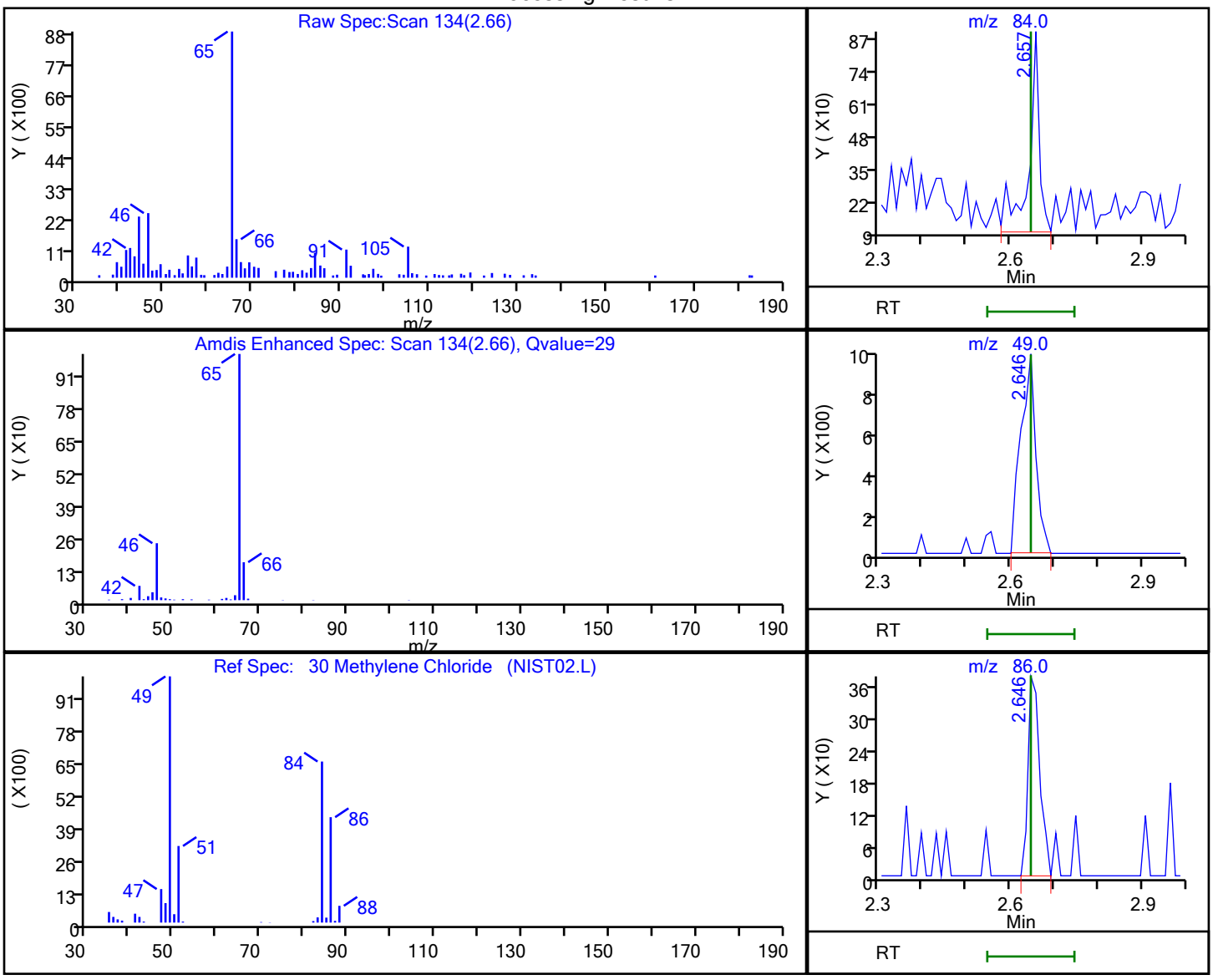
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.66	84.00	1318	0.199152
2.65	49.00	2420	
2.65	86.00	701	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

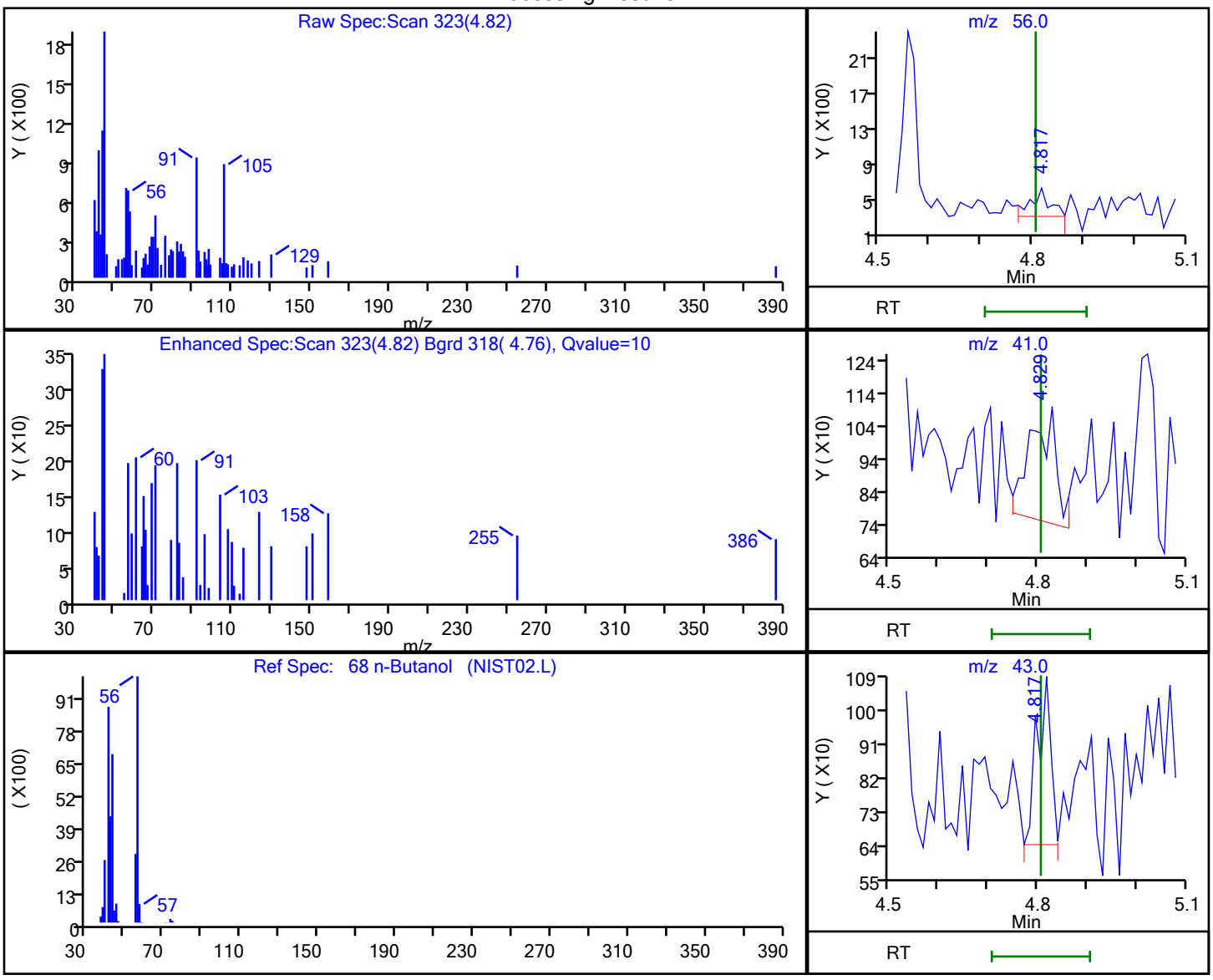
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.82	56.00	757	5.000000
4.83	41.00	1324	
4.82	43.00	869	

Reviewer: NN6A, 12-Aug-2025 08:48:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

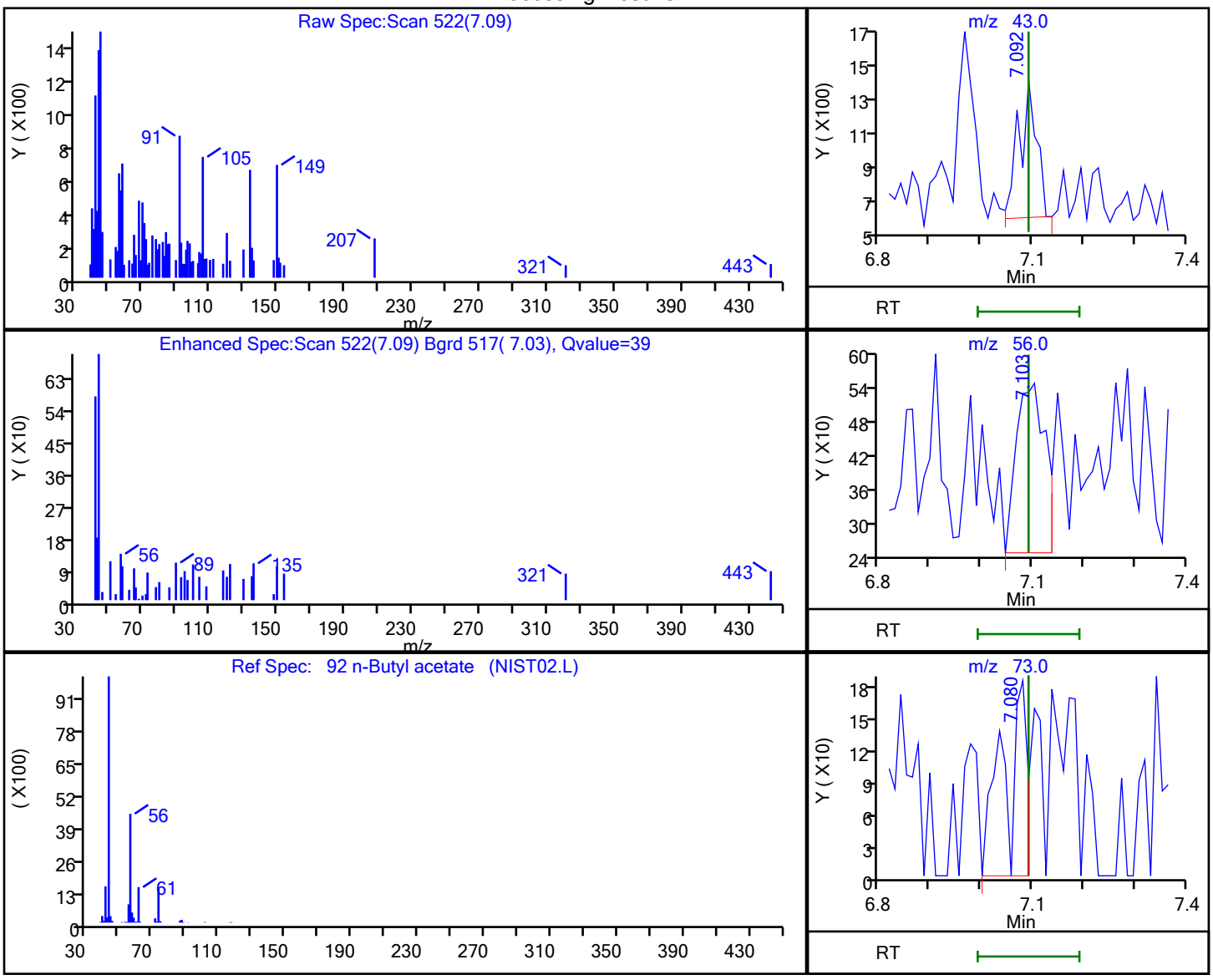
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.09	43.00	1801	0.218818
7.10	56.00	1187	
7.08	73.00	575	

Reviewer: NN6A, 12-Aug-2025 08:49:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

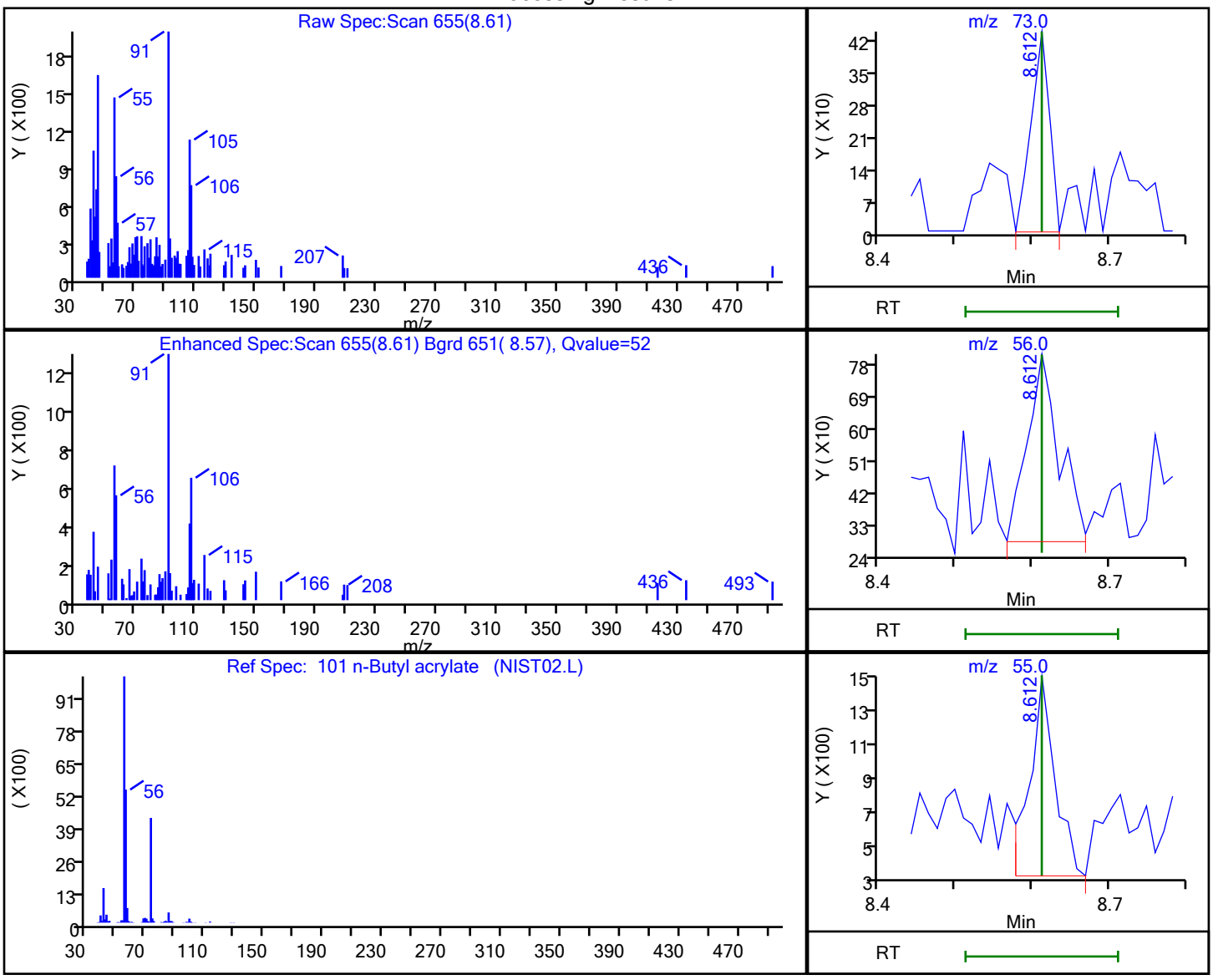
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.61	73.00	726	0.200219
8.61	56.00	1512	
8.61	55.00	2440	

Reviewer: NN6A, 12-Aug-2025 08:49:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

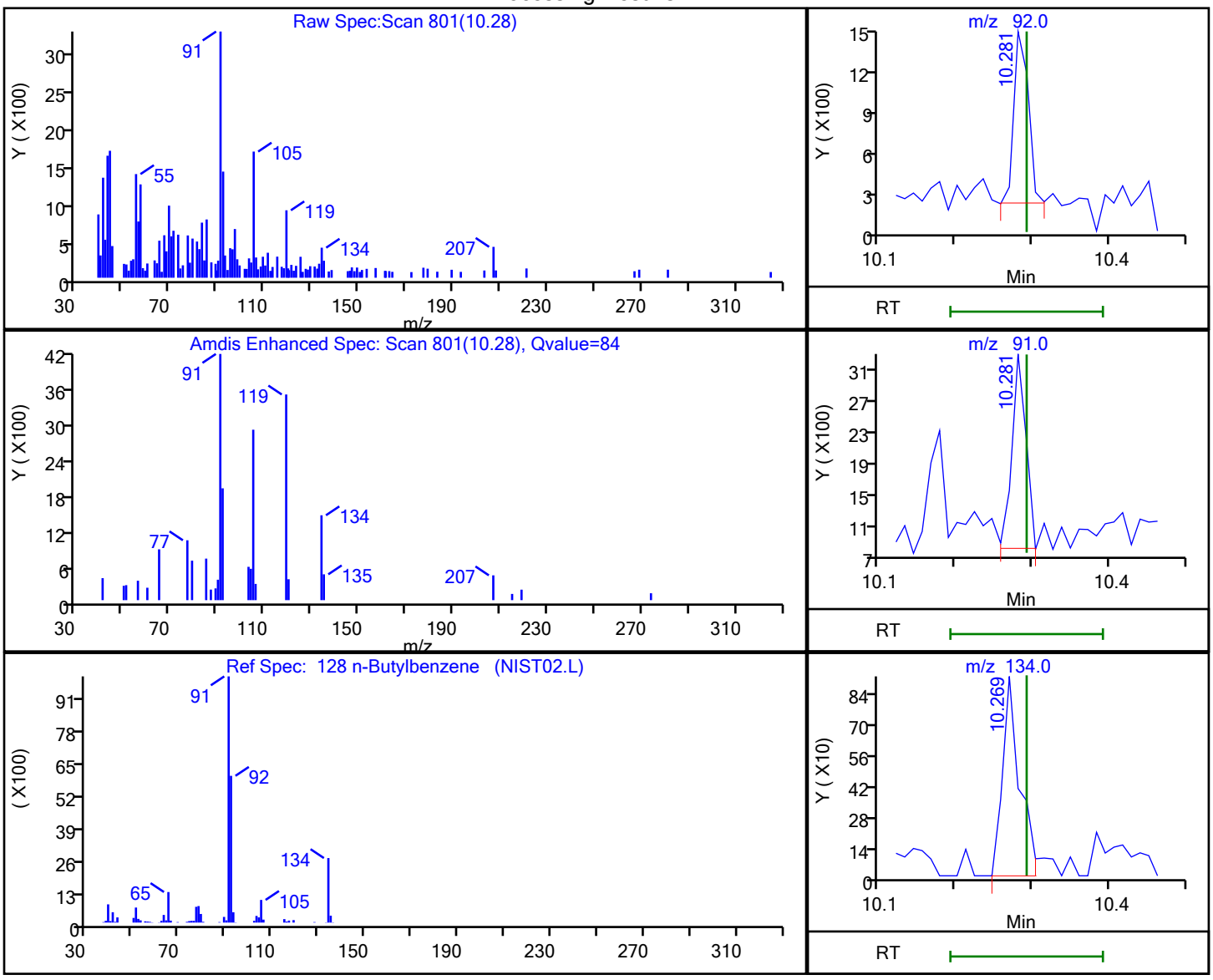
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.28	92.00	1614	0.196934
10.28	91.00	3179	
10.27	134.00	1426	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

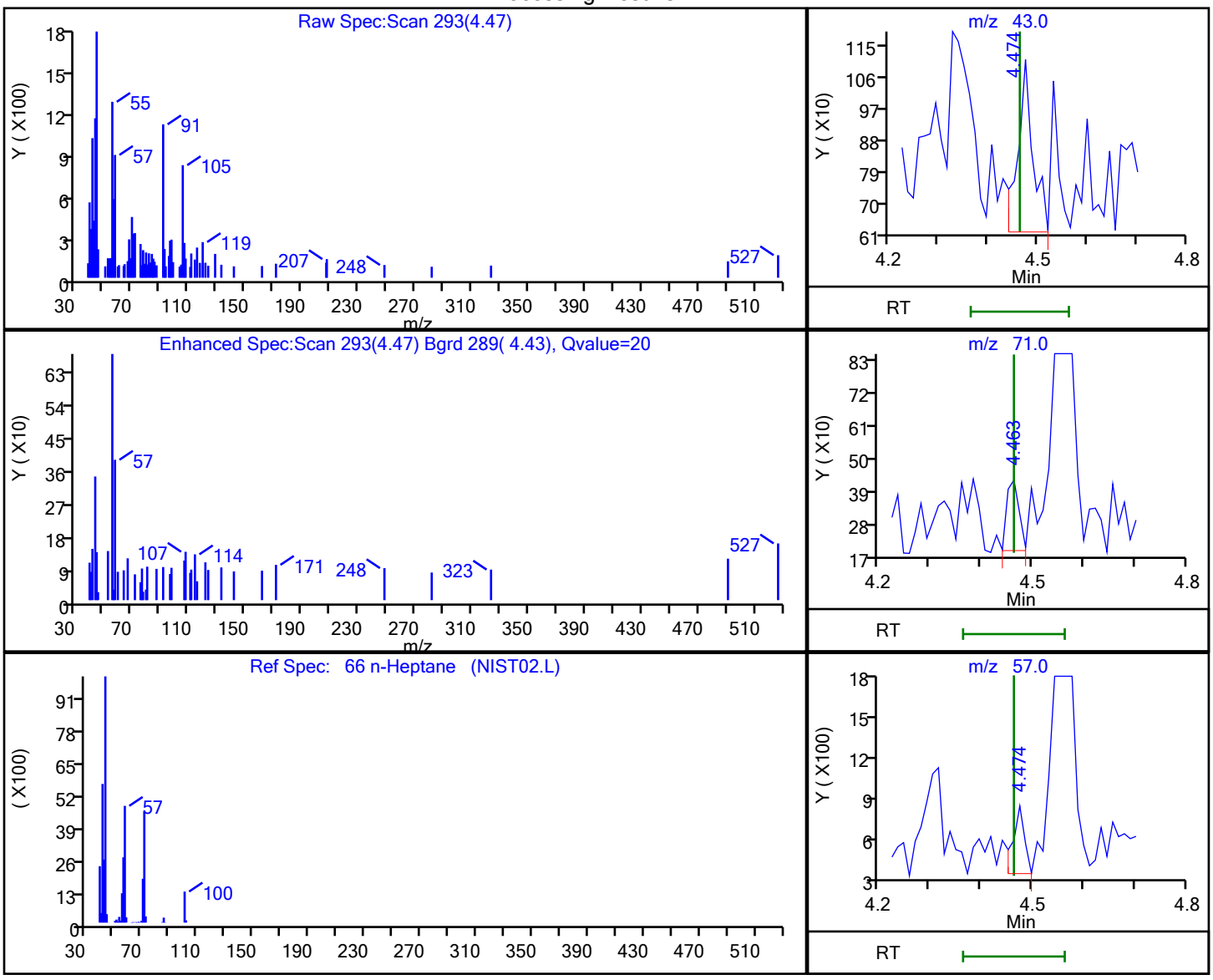
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.47	43.00	1035	0.200000
4.46	71.00	389	
4.47	57.00	688	

Reviewer: NN6A, 12-Aug-2025 08:48:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

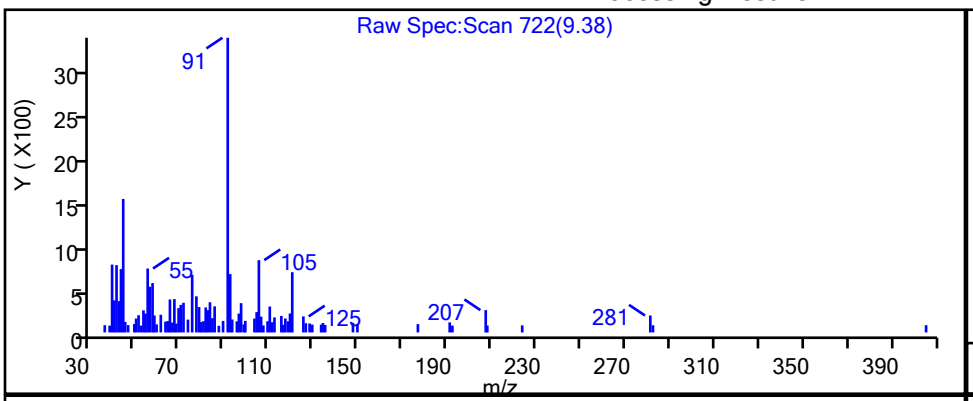
User Disabled Compound Report

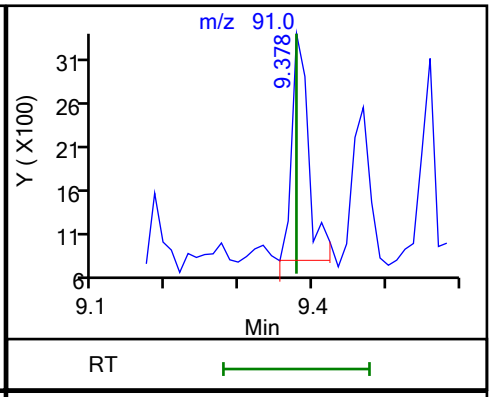
Eurofins Edison

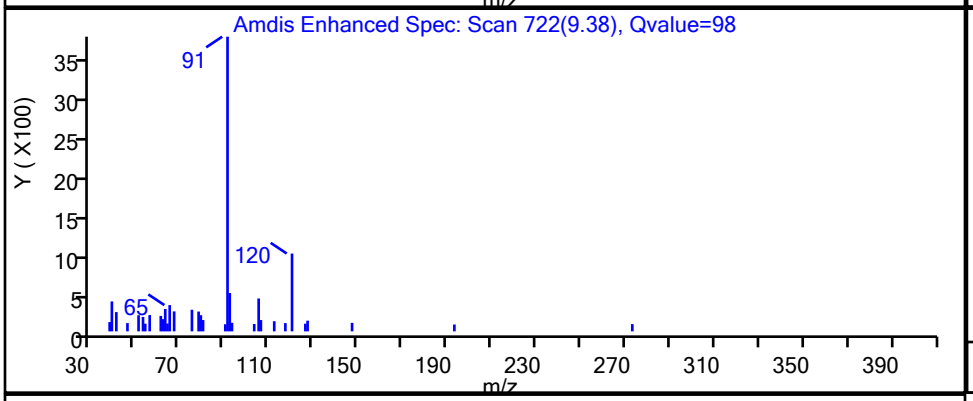
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

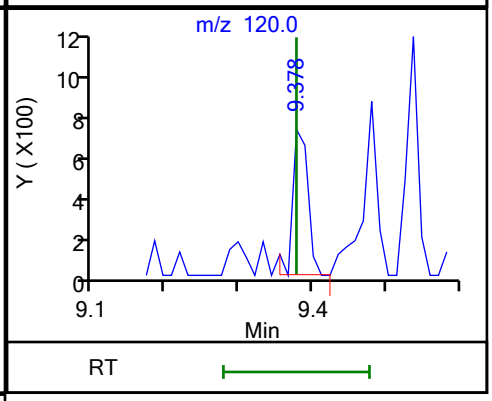
110 N-Propylbenzene, CAS: 103-65-1

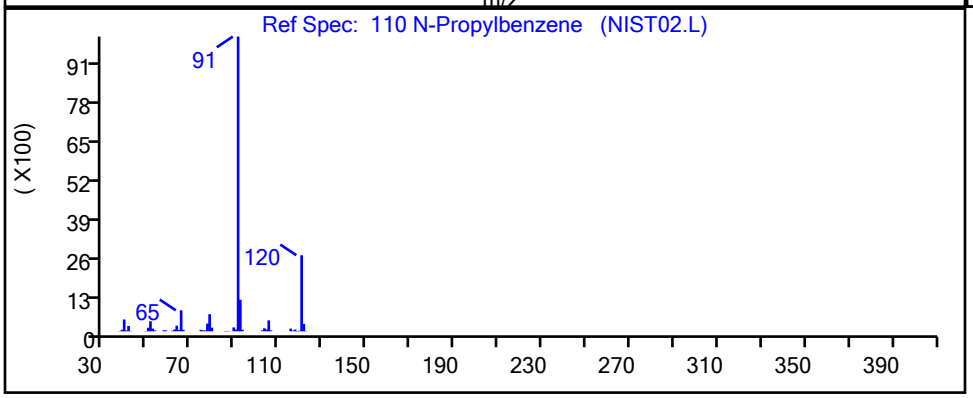
Processing Results











RT	Mass	Response	Amount
9.38	91.00	4127	0.202572
9.38	120.00	1027	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

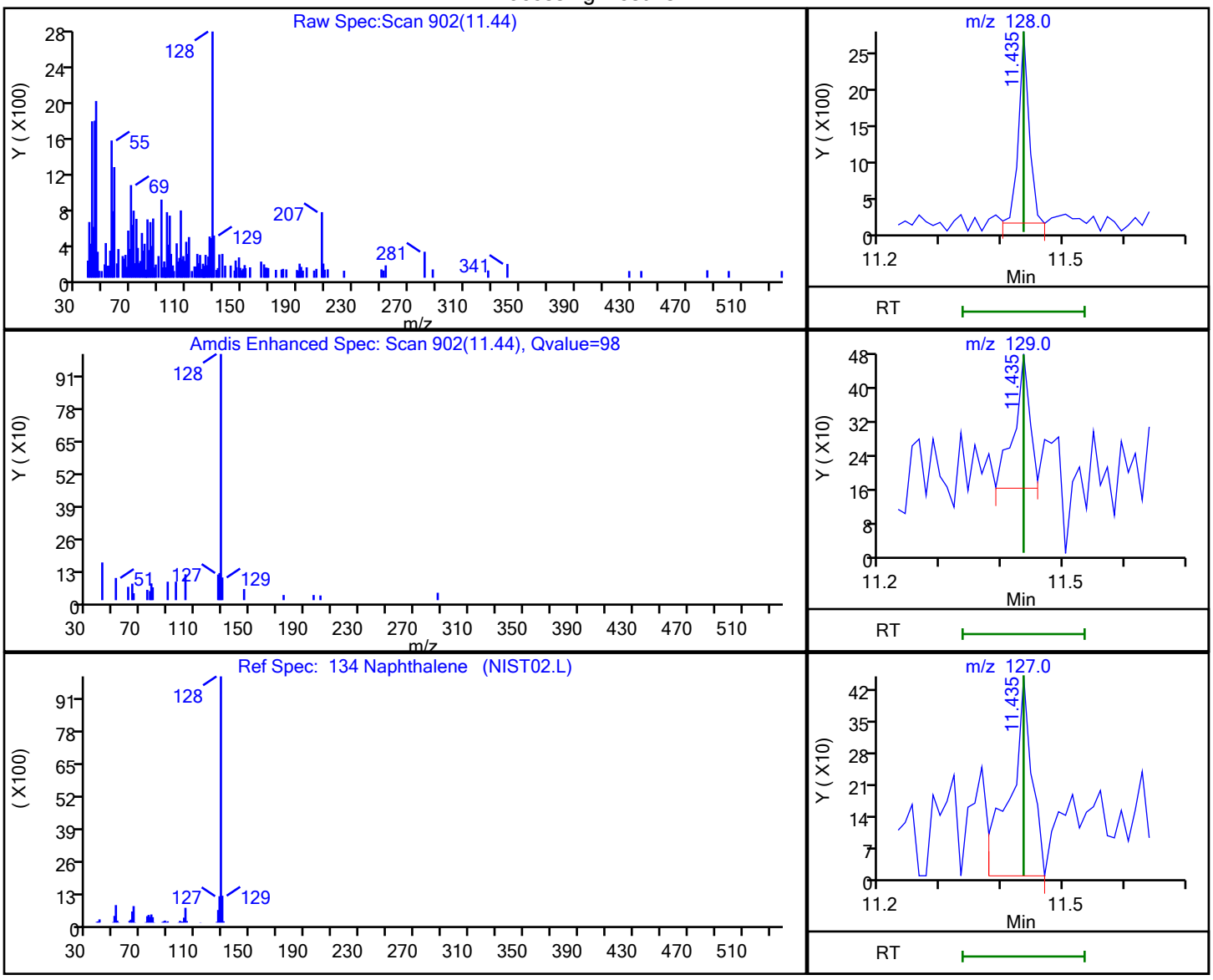
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.44	128.00	3184	0.209857
11.44	129.00	548	
11.44	127.00	1086	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

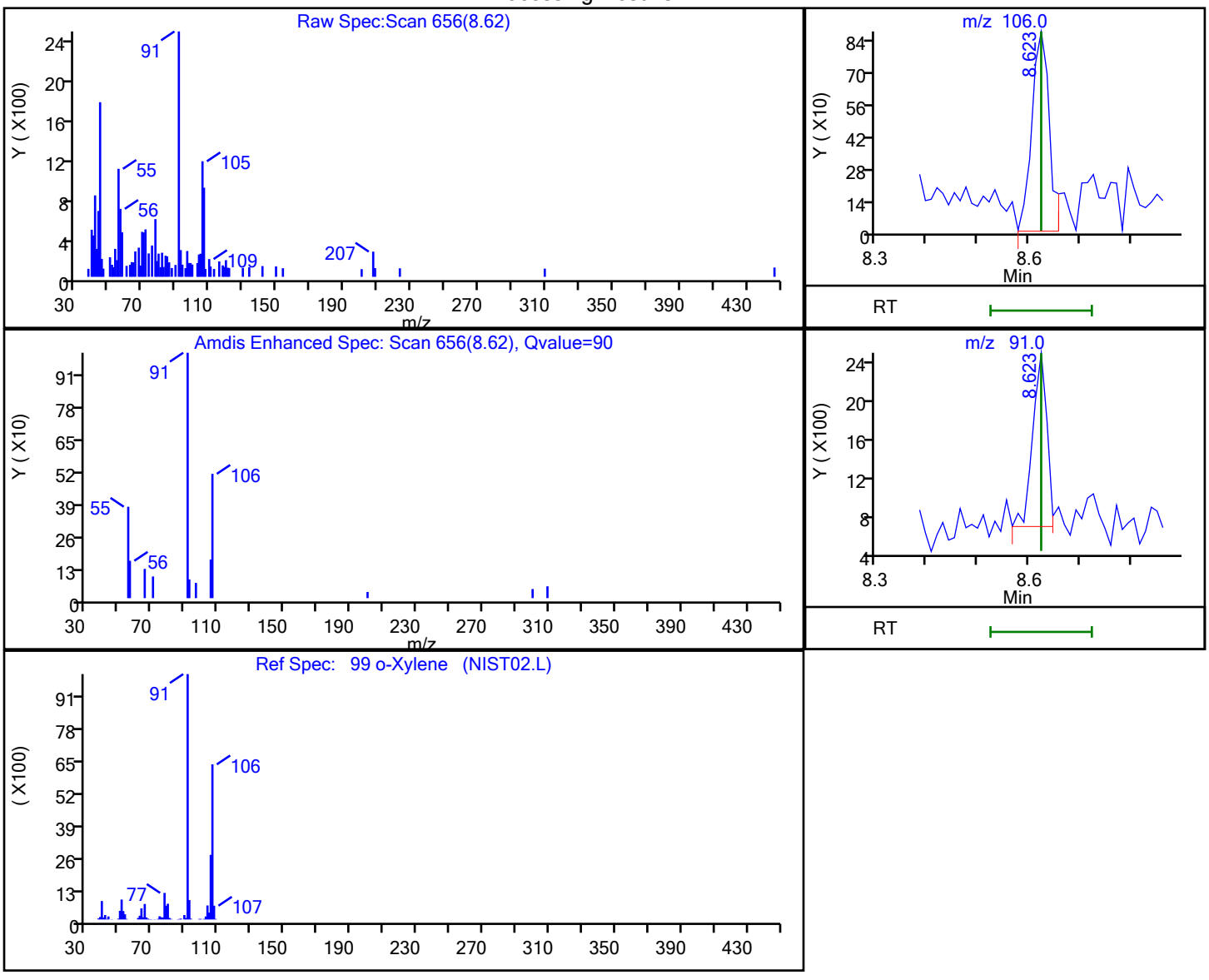
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.62	106.00	2096	0.200000
8.62	91.00	3252	

Reviewer: NN6A, 12-Aug-2025 08:49:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

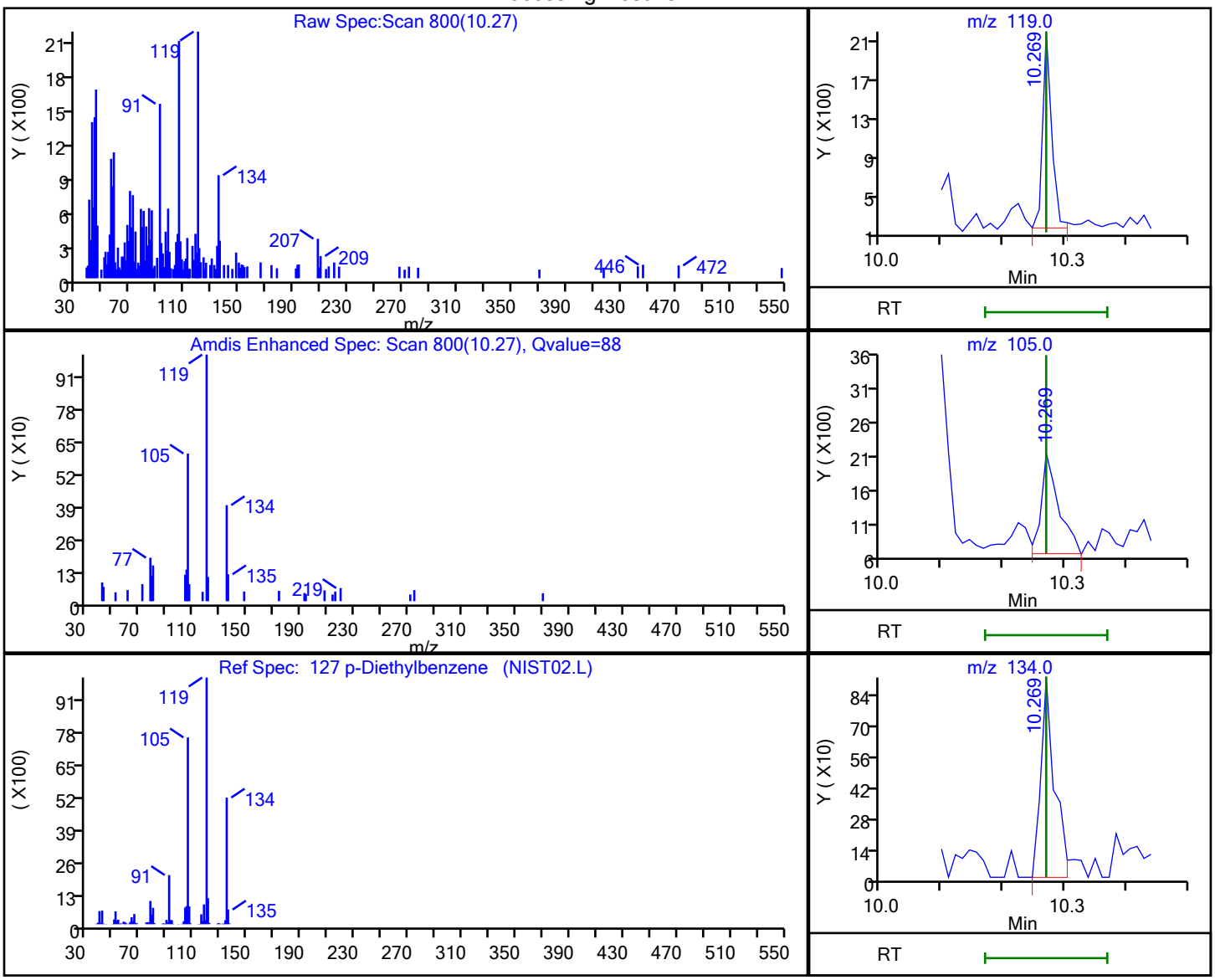
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.27	119.00	2042	0.216694
10.27	105.00	2948	
10.27	134.00	1426	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

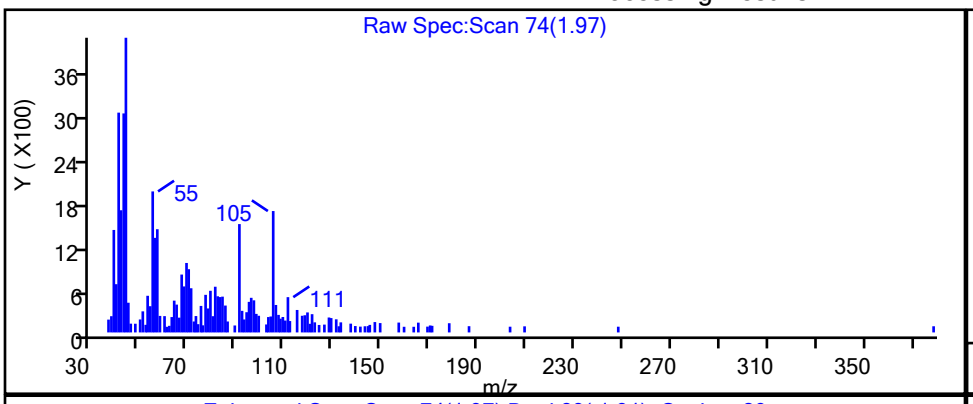
User Disabled Compound Report

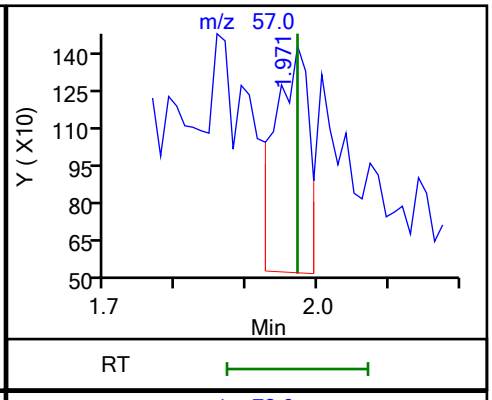
Eurofins Edison

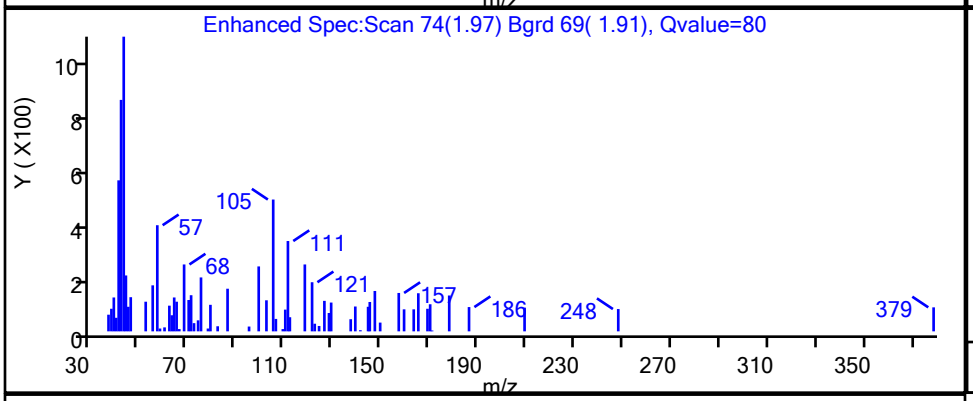
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

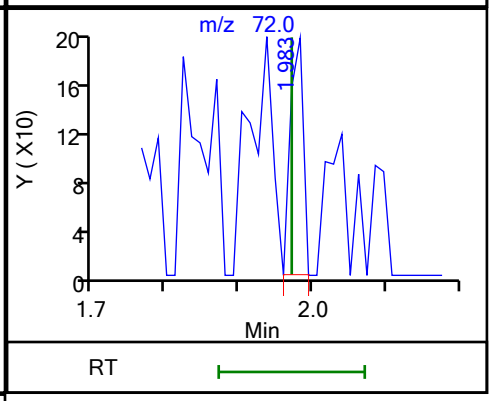
13 Pentane, CAS: 109-66-0

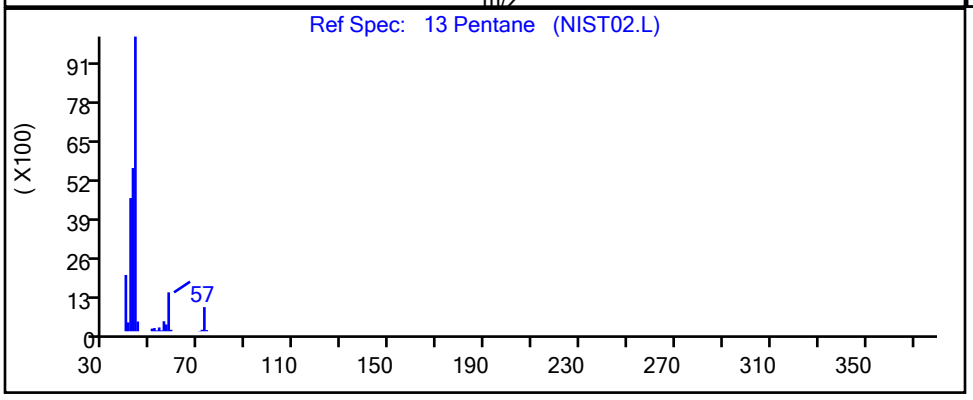
Processing Results











RT	Mass	Response	Amount
1.97	57.00	3180	0.592835
1.98	72.00	234	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

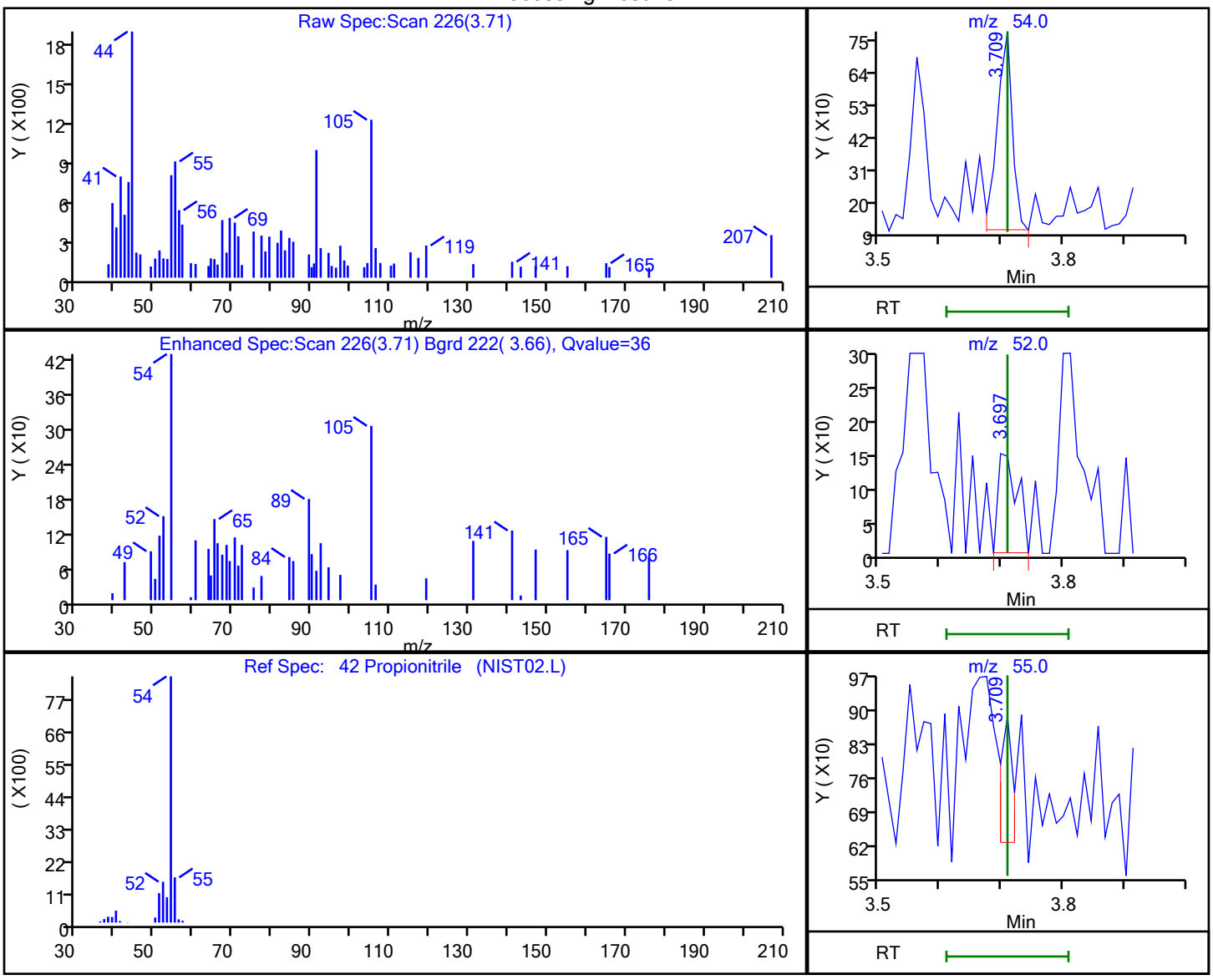
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.71	54.00	1168	2.190595
3.70	52.00	332	
3.71	55.00	362	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

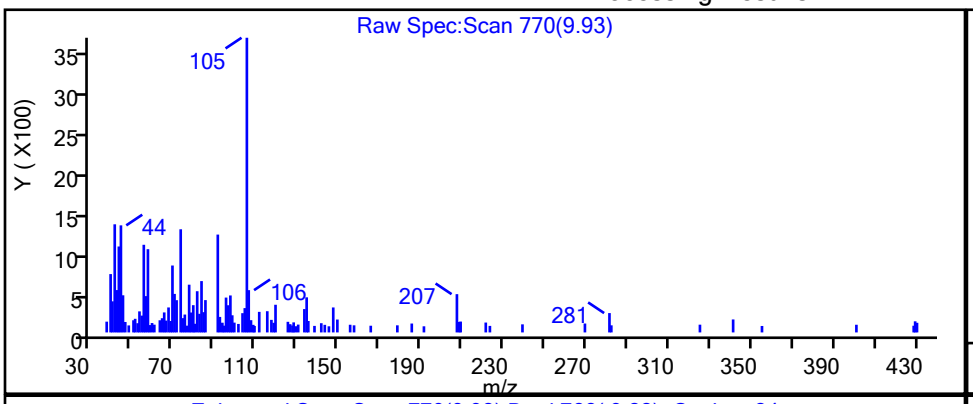
User Disabled Compound Report

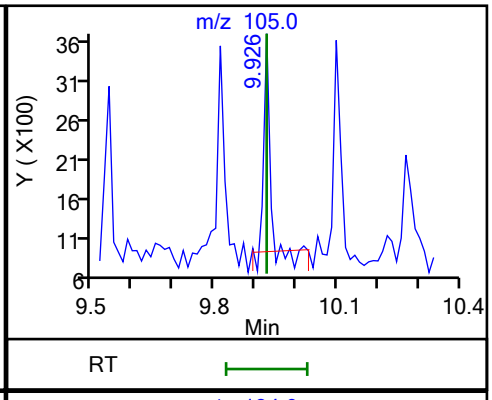
Eurofins Edison

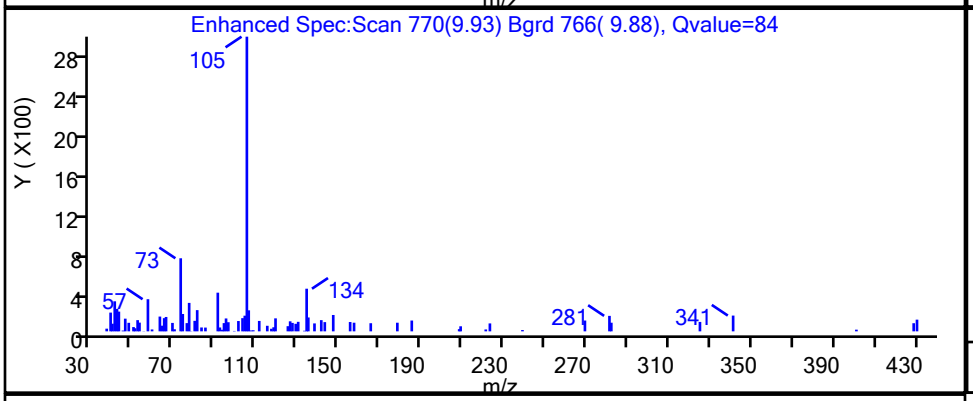
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

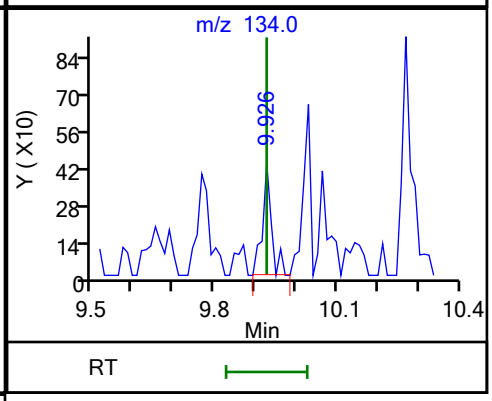
118 sec-Butylbenzene, CAS: 135-98-8

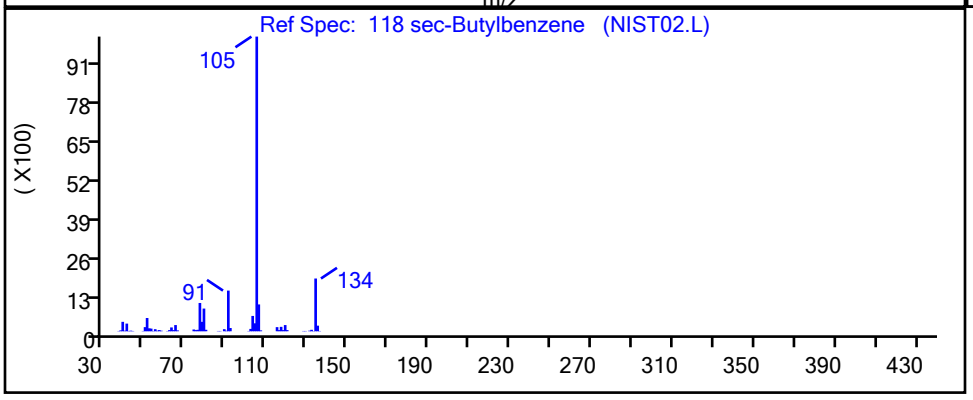
Processing Results











RT	Mass	Response	Amount
9.93	105.00	2313	0.200000
9.93	134.00	668	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

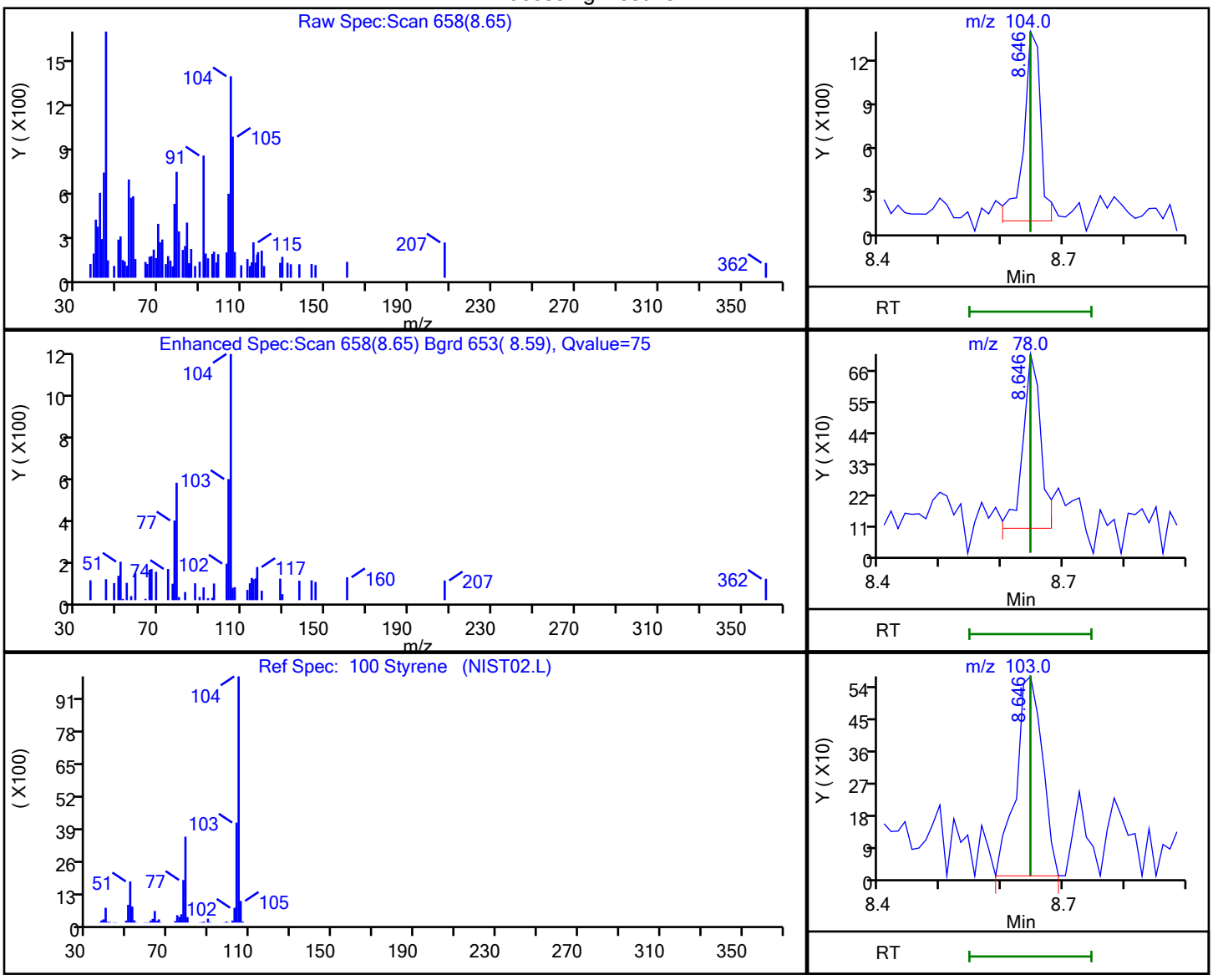
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.65	104.00	2495	0.211561
8.65	78.00	1275	
8.65	103.00	1695	

Reviewer: NN6A, 12-Aug-2025 08:49:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

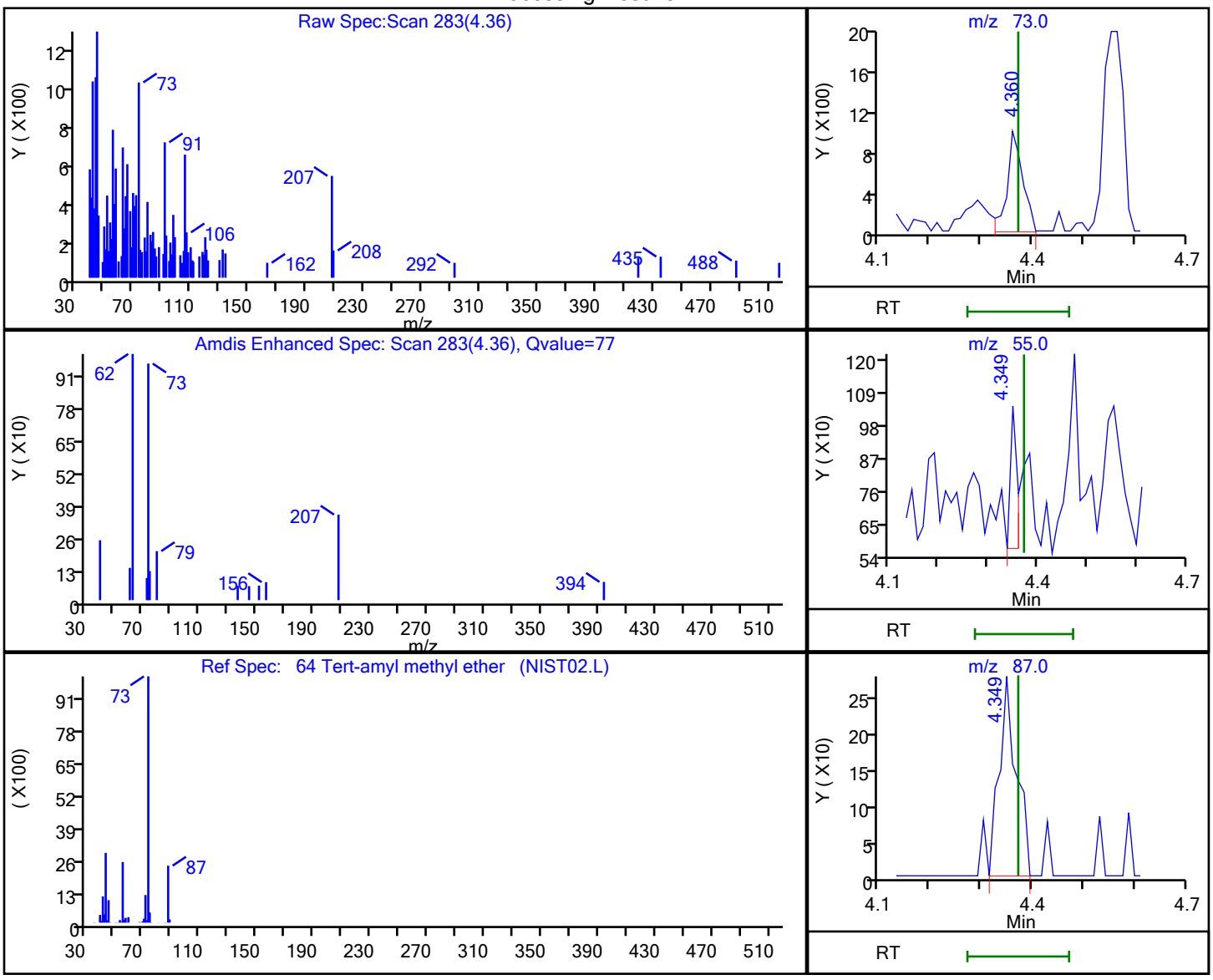
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.36	73.00	2080	0.202033
4.35	55.00	460	
4.35	87.00	646	

Reviewer: NN6A, 12-Aug-2025 08:48:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

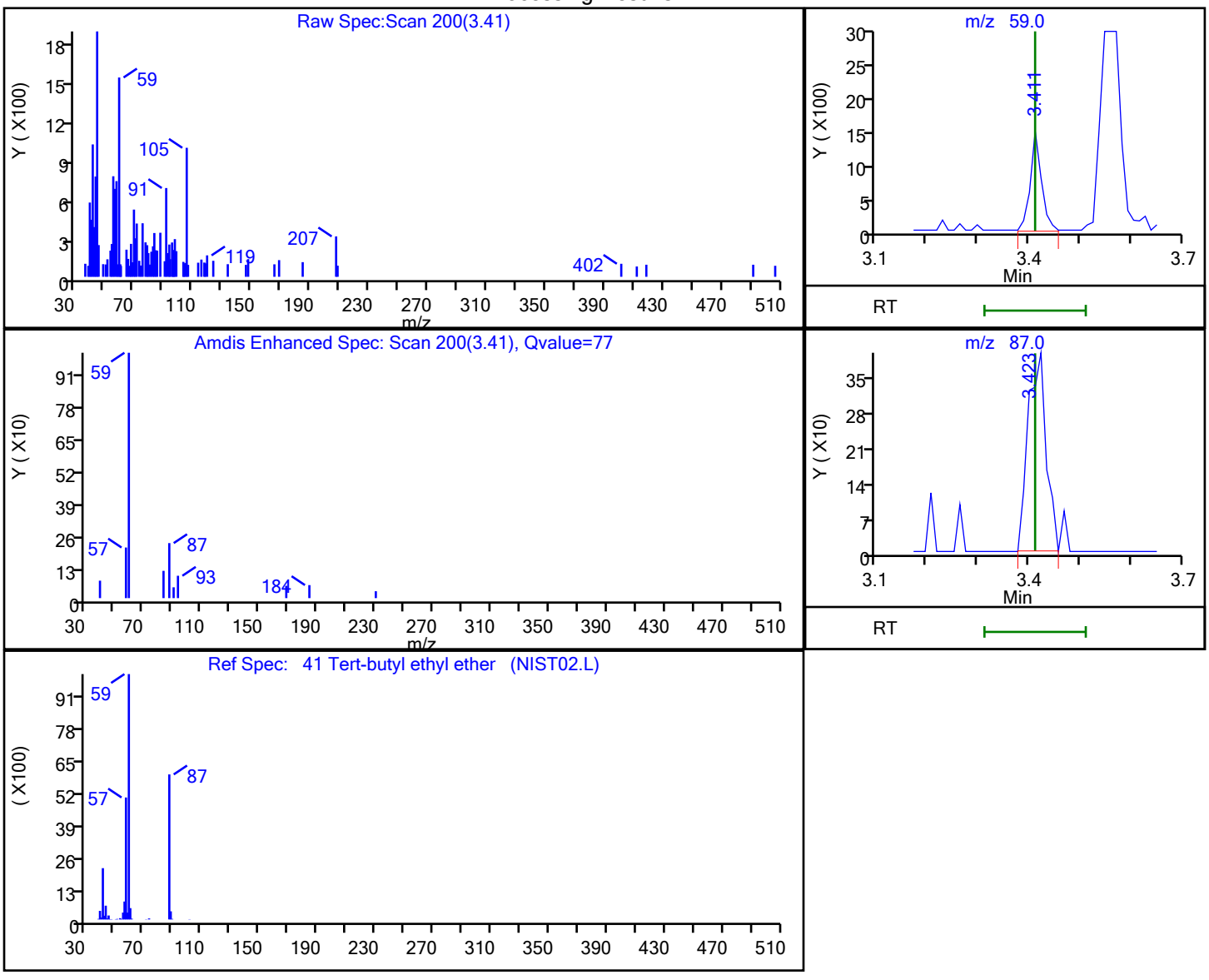
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.41	59.00	2230	0.206310
3.42	87.00	977	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

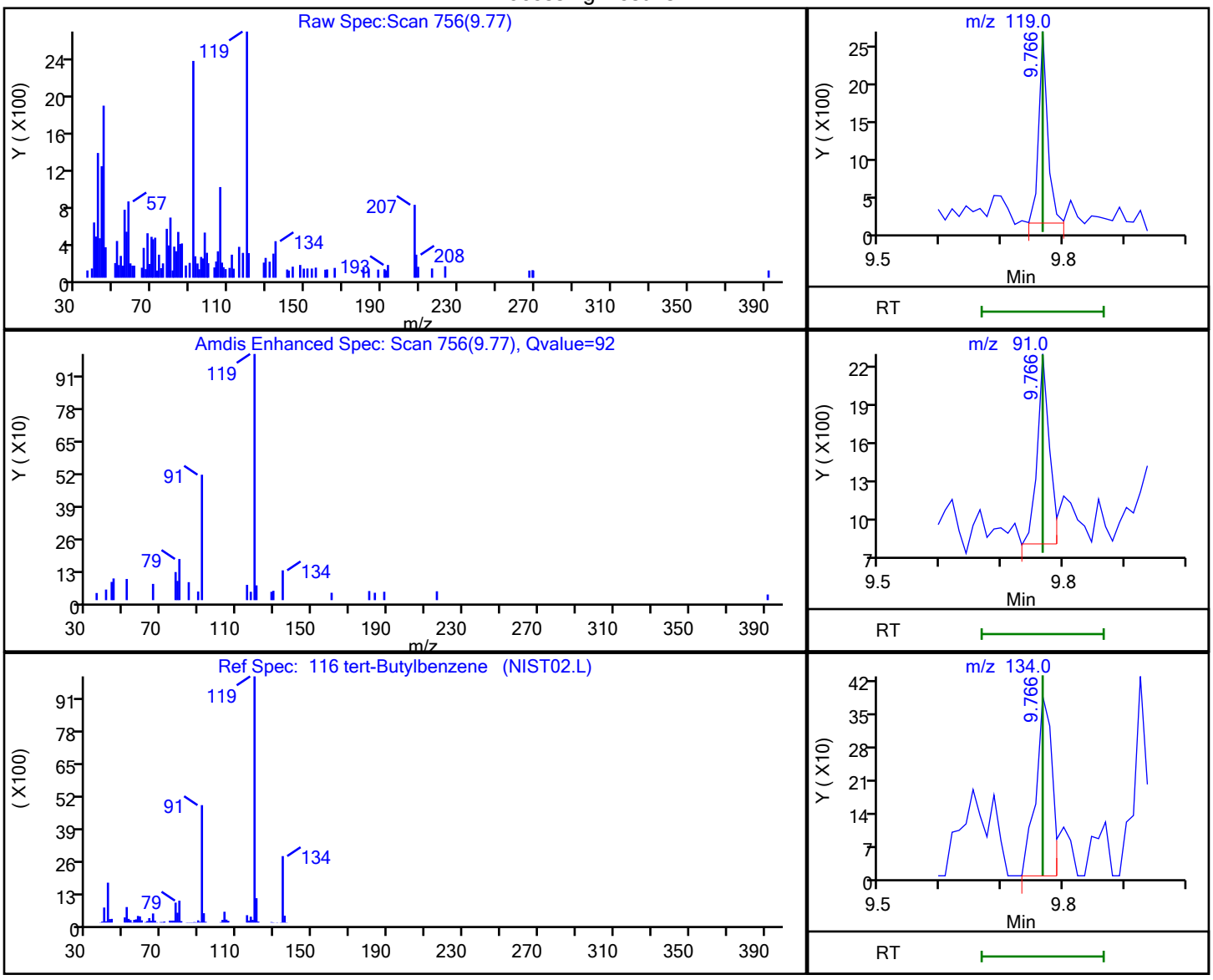
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.77	119.00	2432	0.198697
9.77	91.00	2132	
9.77	134.00	719	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

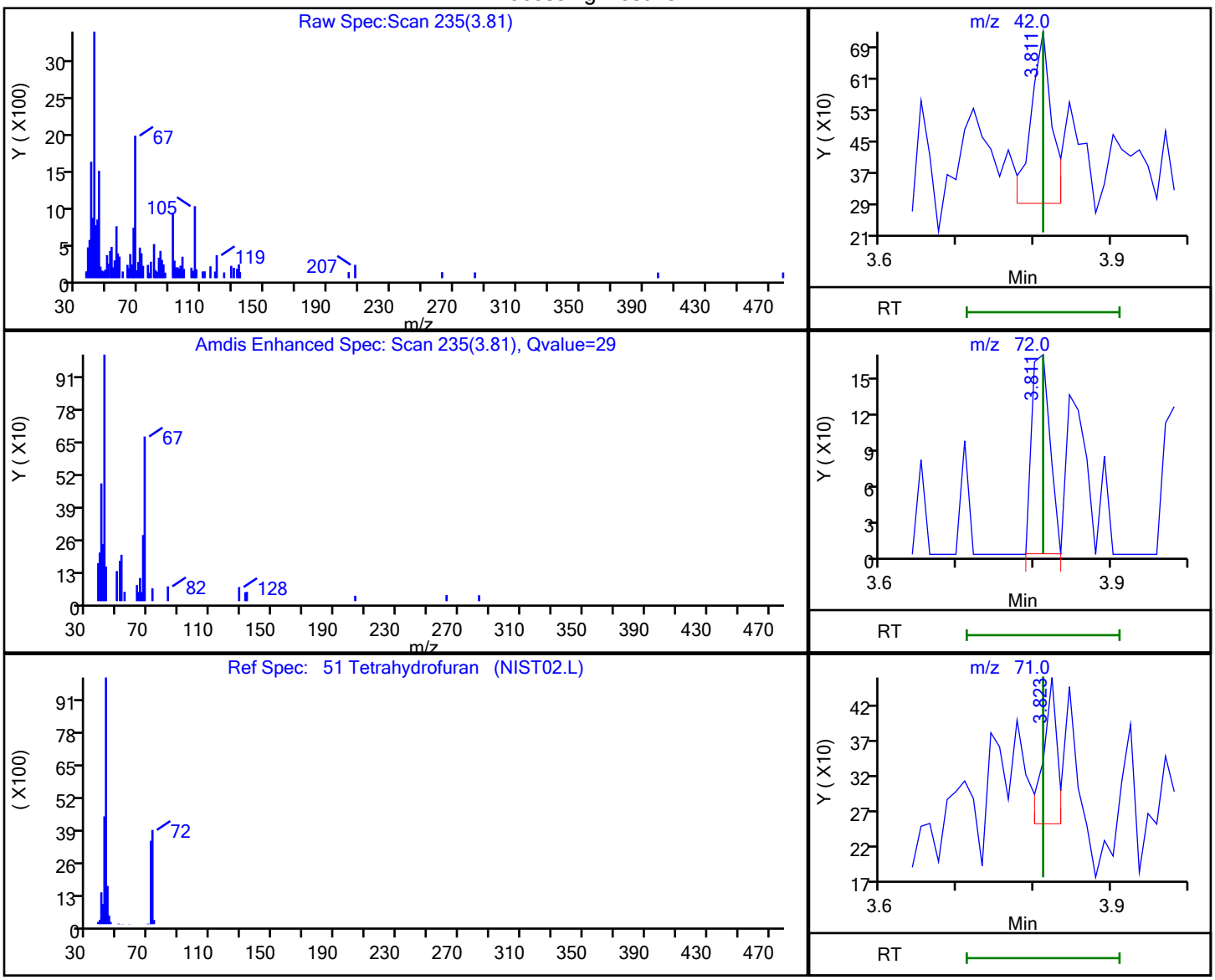
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.81	42.00	834	0.400000
3.81	72.00	280	
3.82	71.00	263	

Reviewer: NN6A, 12-Aug-2025 08:48:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

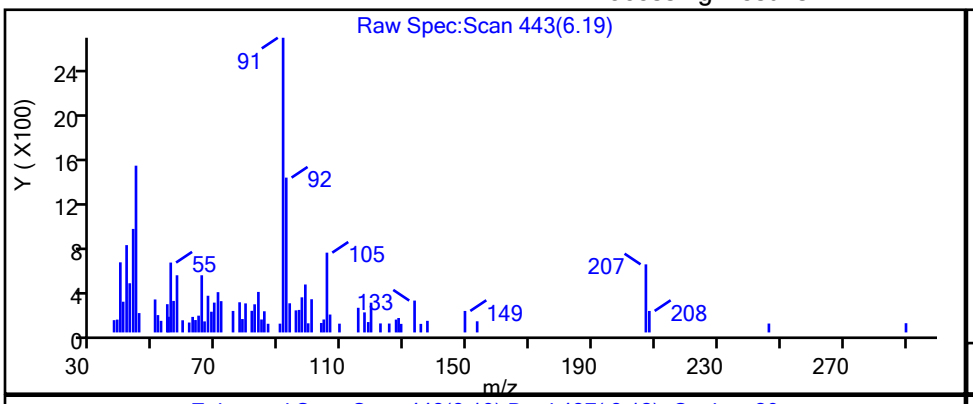
User Disabled Compound Report

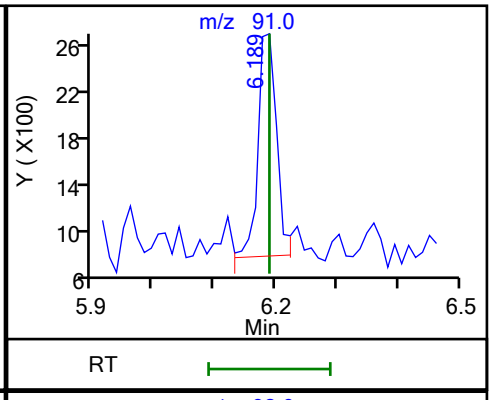
Eurofins Edison

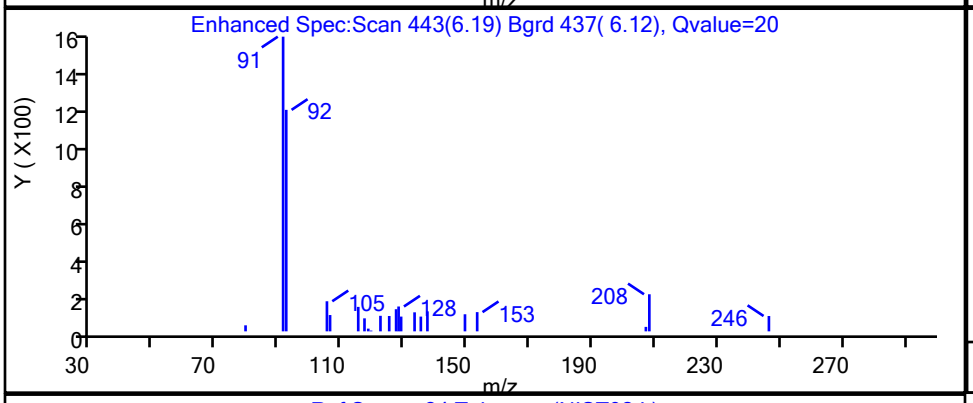
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

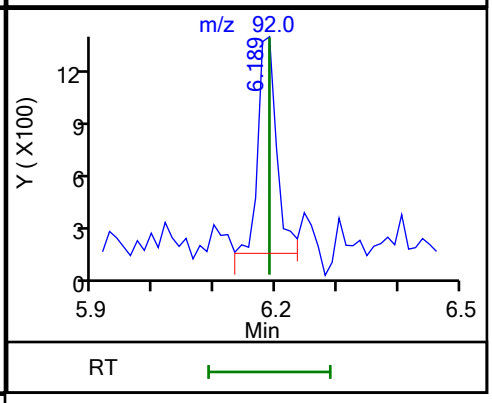
84 Toluene, CAS: 108-88-3

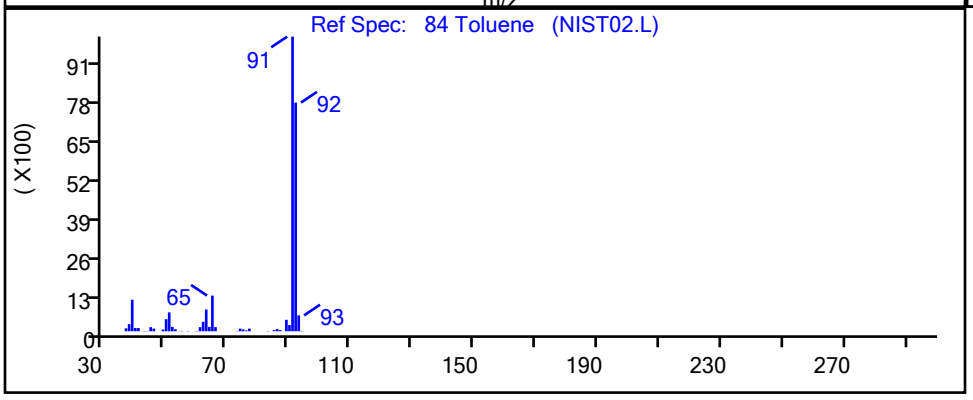
Processing Results











RT	Mass	Response	Amount
6.19	91.00	3938	0.206162
6.19	92.00	2591	

Reviewer: NN6A, 12-Aug-2025 08:49:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

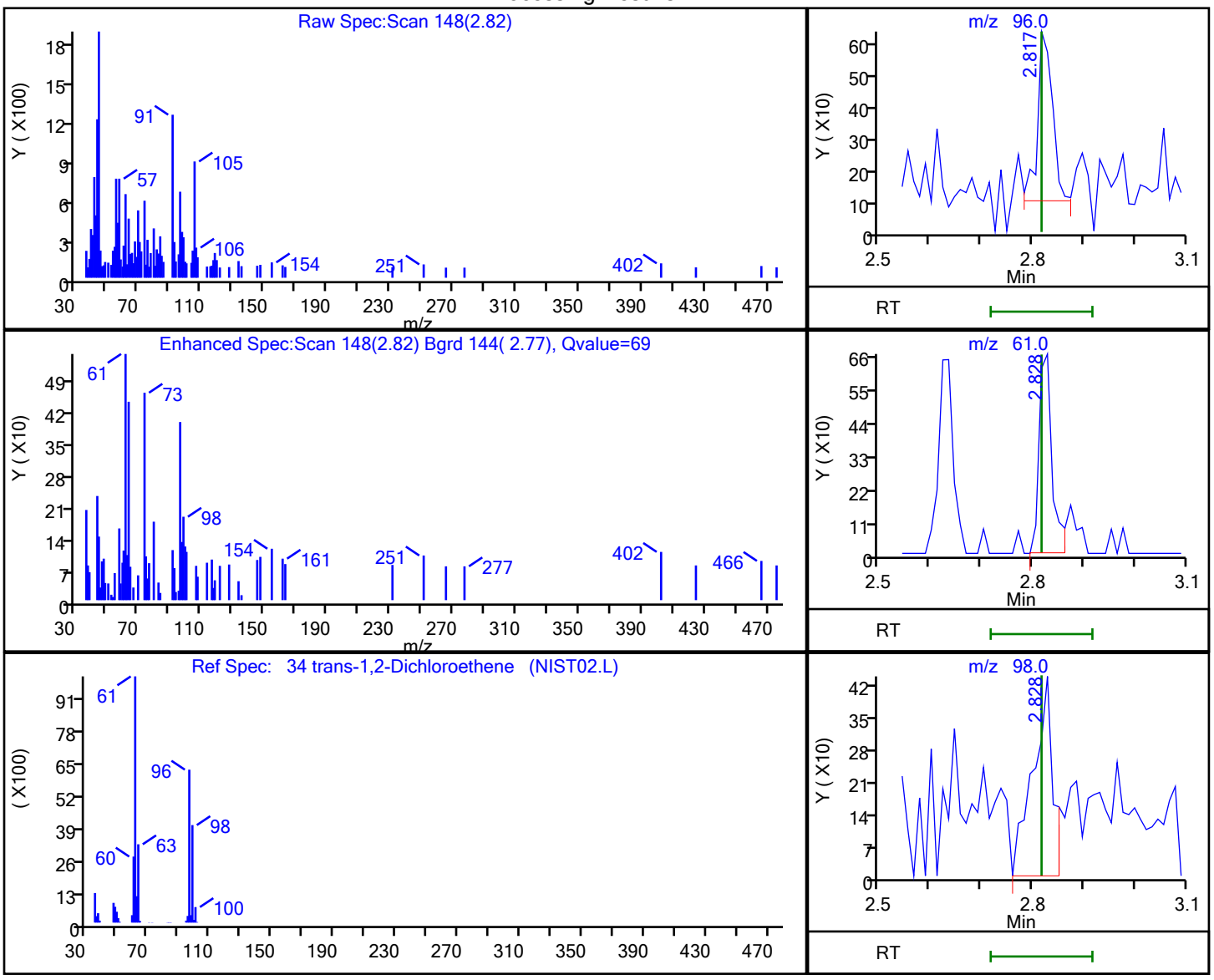
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D				
Injection Date:	12-Aug-2025 07:42:30	Instrument ID:	CVOAMS9		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.82	96.00	1089	0.200833
2.83	61.00	1203	
2.83	98.00	1201	

Reviewer: NN6A, 12-Aug-2025 08:48:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

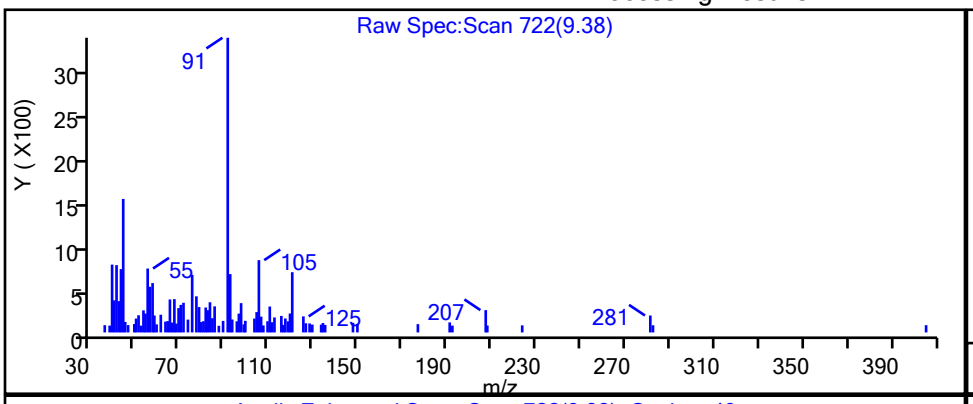
User Disabled Compound Report

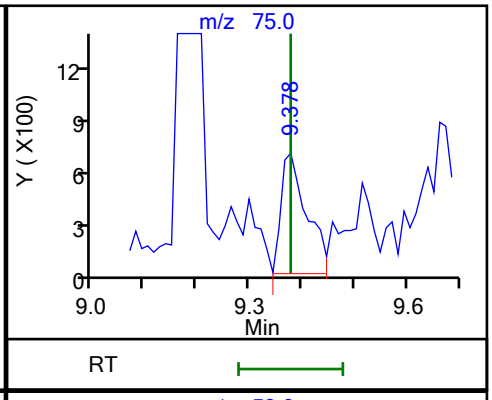
Eurofins Edison

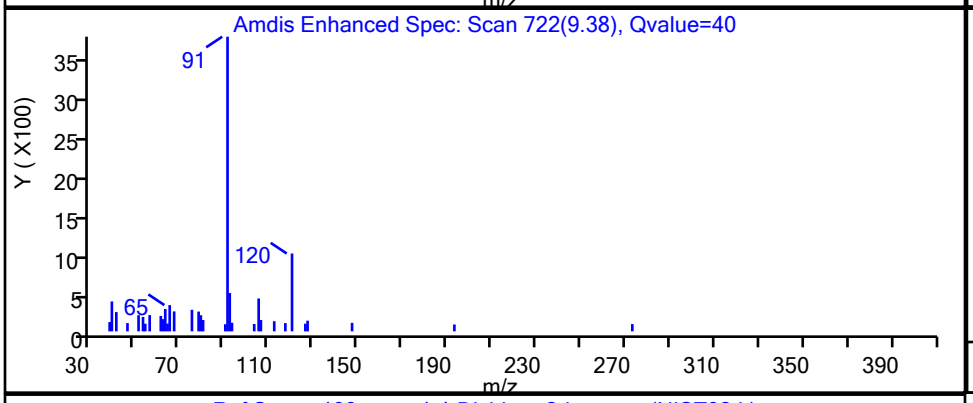
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

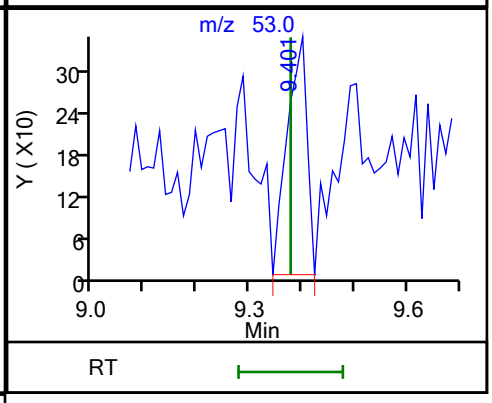
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

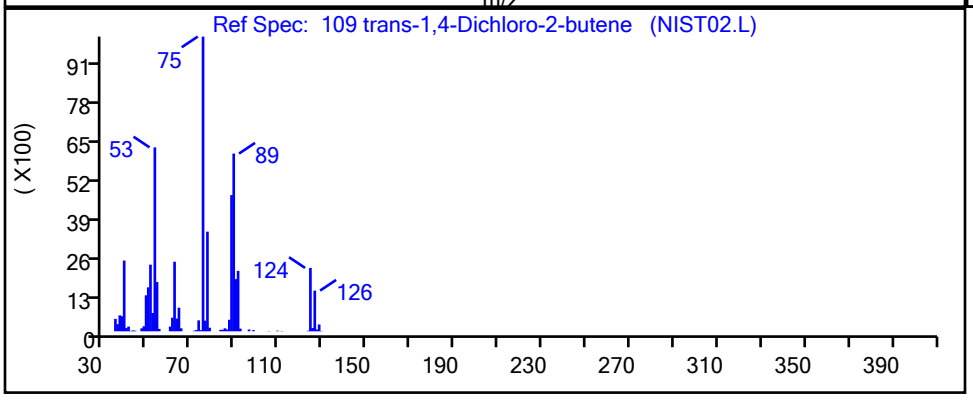
Processing Results











RT	Mass	Response	Amount
9.38	75.00	2245	0.200000
9.40	53.00	912	

Reviewer: NN6A, 12-Aug-2025 08:49:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

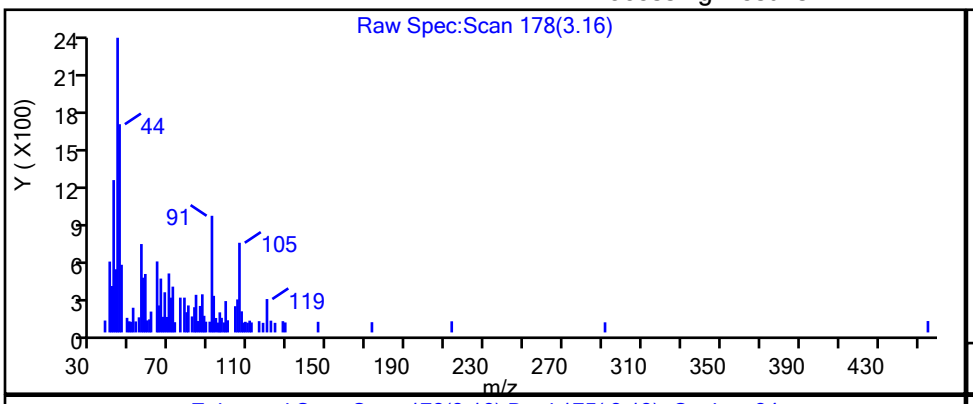
User Disabled Compound Report

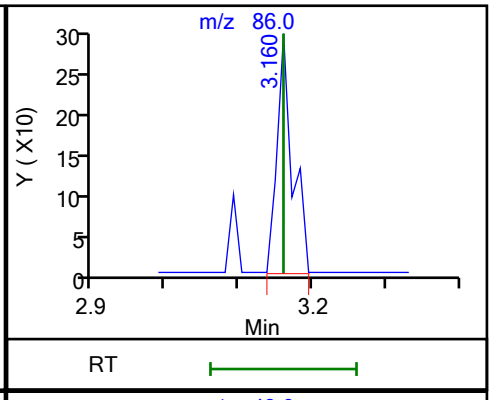
Eurofins Edison

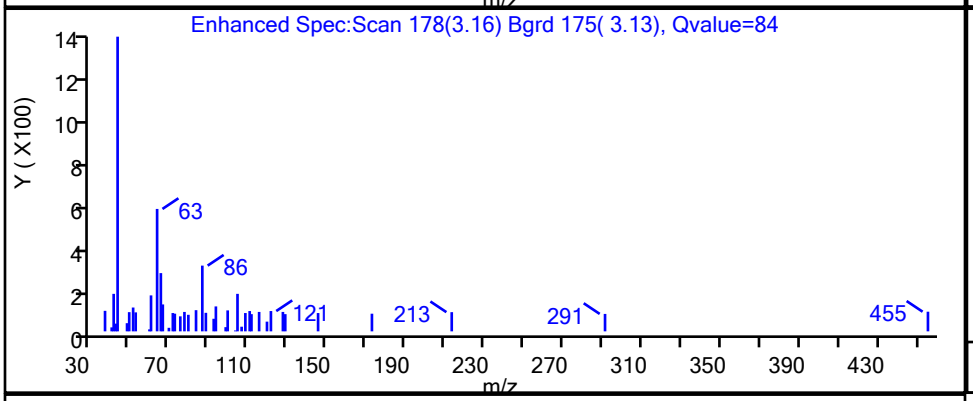
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

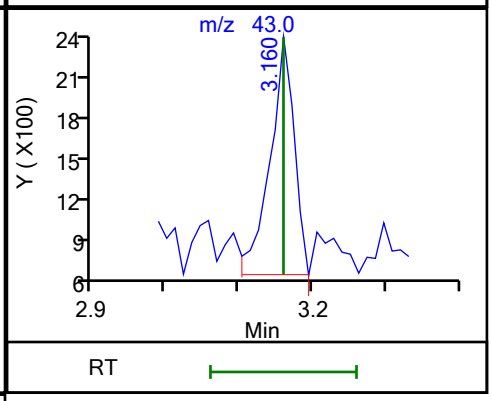
38 Vinyl acetate, CAS: 108-05-4

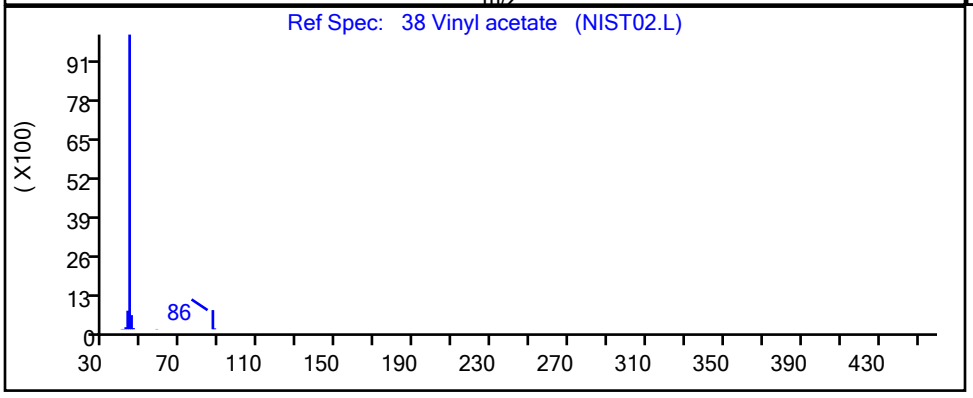
Processing Results











RT	Mass	Response	Amount
3.16	86.00	437	0.400000
3.16	43.00	3810	

Reviewer: NN6A, 12-Aug-2025 08:48:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

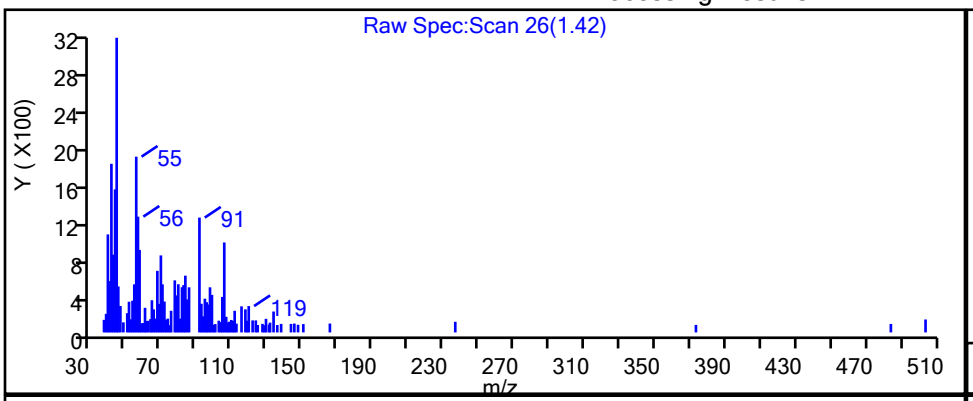
User Disabled Compound Report

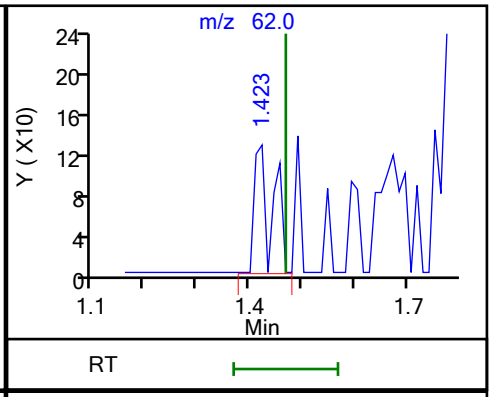
Eurofins Edison

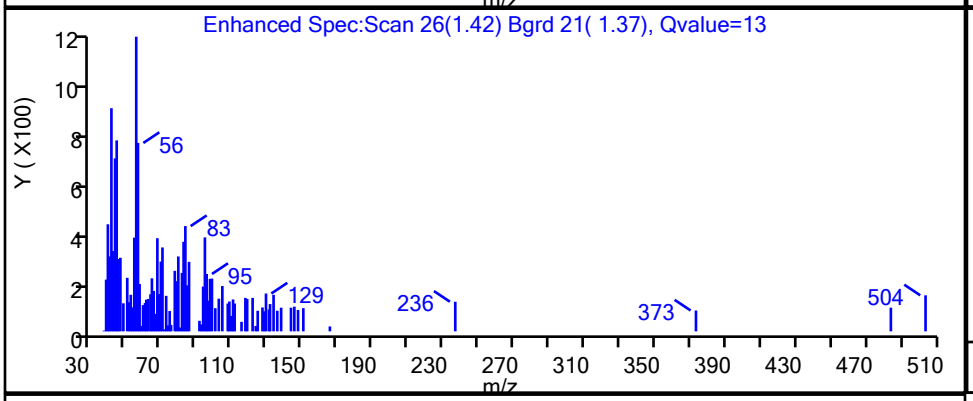
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71217.D
Injection Date: 12-Aug-2025 07:42:30 Instrument ID: CVOAMS9
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

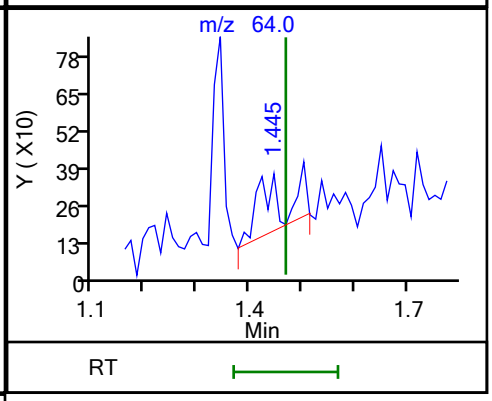
7 Vinyl chloride, CAS: 75-01-4

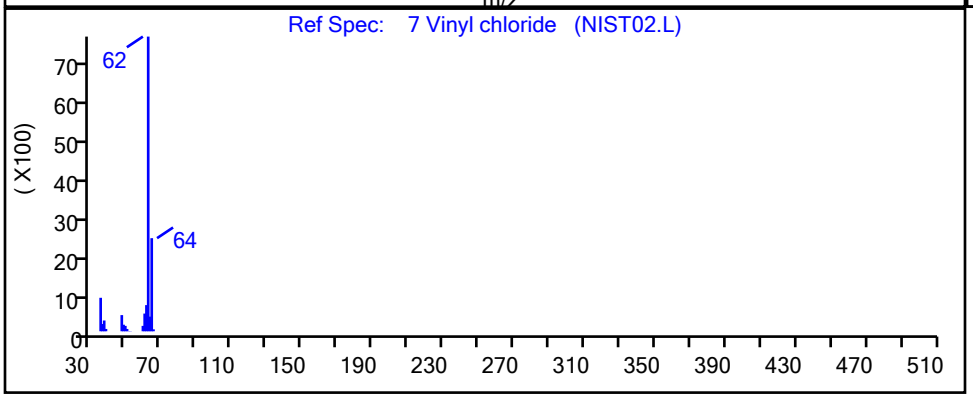
Processing Results











RT	Mass	Response	Amount
1.42	62.00	295	0.069633
1.45	64.00	757	

Reviewer: NN6A, 12-Aug-2025 08:48:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Aug-2025 08:06:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0194792-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:39:51 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: NN6A Date: 12-Aug-2025 08:51:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.491	1.491	0.000	73	563	0.2500	0.2682	M
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	205151	1000.0	1000.0	
33 Acrylonitrile	53	2.851	2.851	0.000	95	1814	2.00	2.37	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	99	227880	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	95	154036	50.0	49.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.303	4.291	0.012	99	161216	50.0	50.4	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	577755	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	28	27745	1000.0	1000.0	
80 Epichlorohydrin	57	5.789	5.789	0.000	57	1707	5.00	4.93	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	559234	50.0	49.8	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	427285	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	86	153471	50.0	47.6	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	96	223011	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260MIX1COMB_00209	Amount Added:	0.00	Units: uL	
GASES Li_00656	Amount Added:	2.50	Units: uL	
ACROLEIN W_00186	Amount Added:	0.00	Units: uL	
14DIOXINTER_00187	Amount Added:	0.00	Units: uL	
Ethanol mix_00104	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00164	Amount Added:	0.00	Units: uL	
GAS Hi_00501	Amount Added:	0.00	Units: uL	
524FREONS_00038	Amount Added:	0.00	Units: uL	
7 Freons Hi_00030	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00140	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

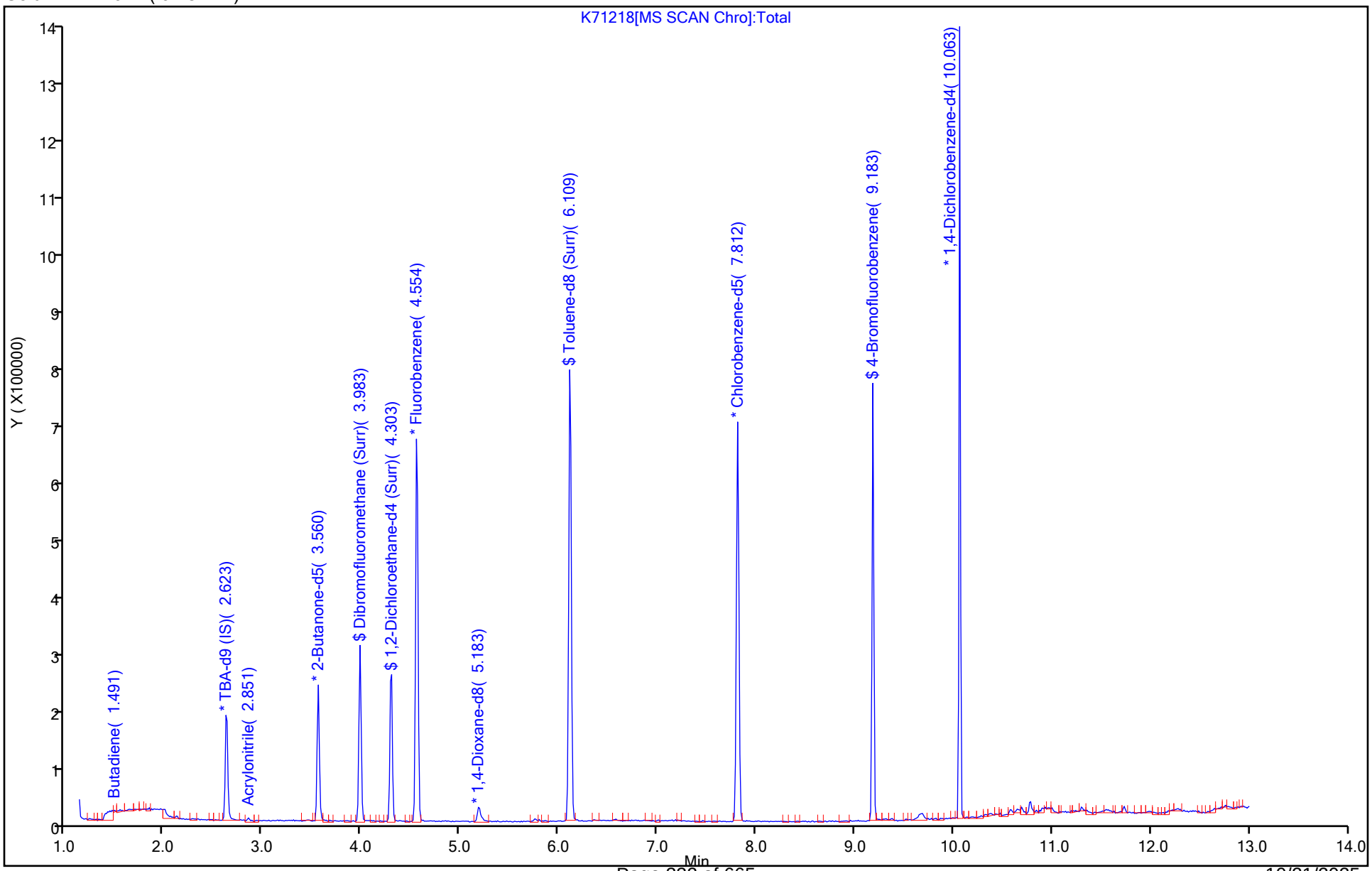
Report Date: 15-Aug-2025 08:39:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D

Injection Date:	12-Aug-2025 08:06:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

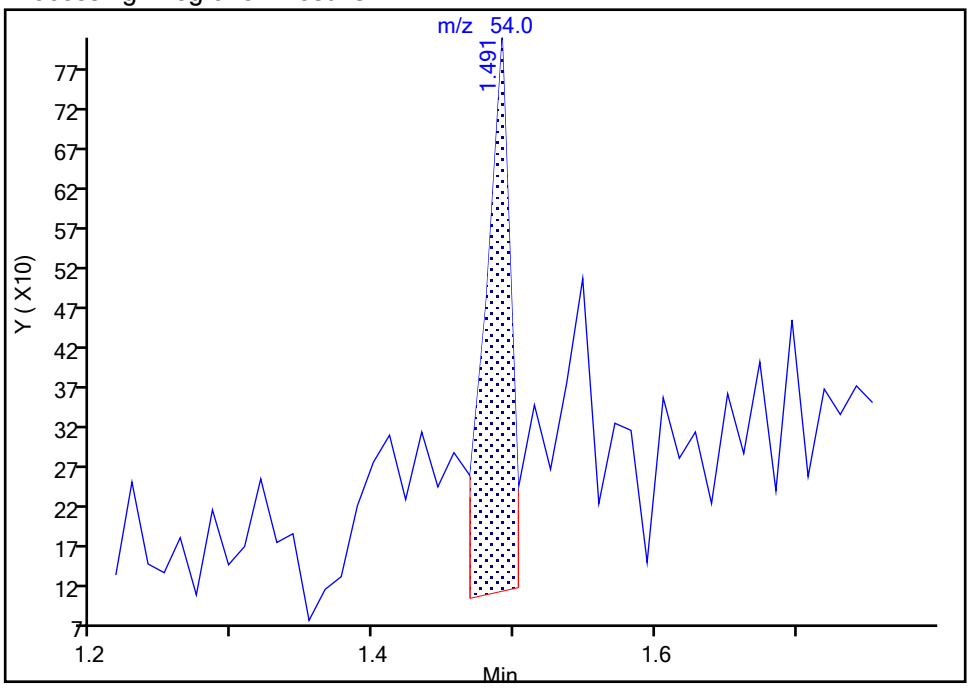
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

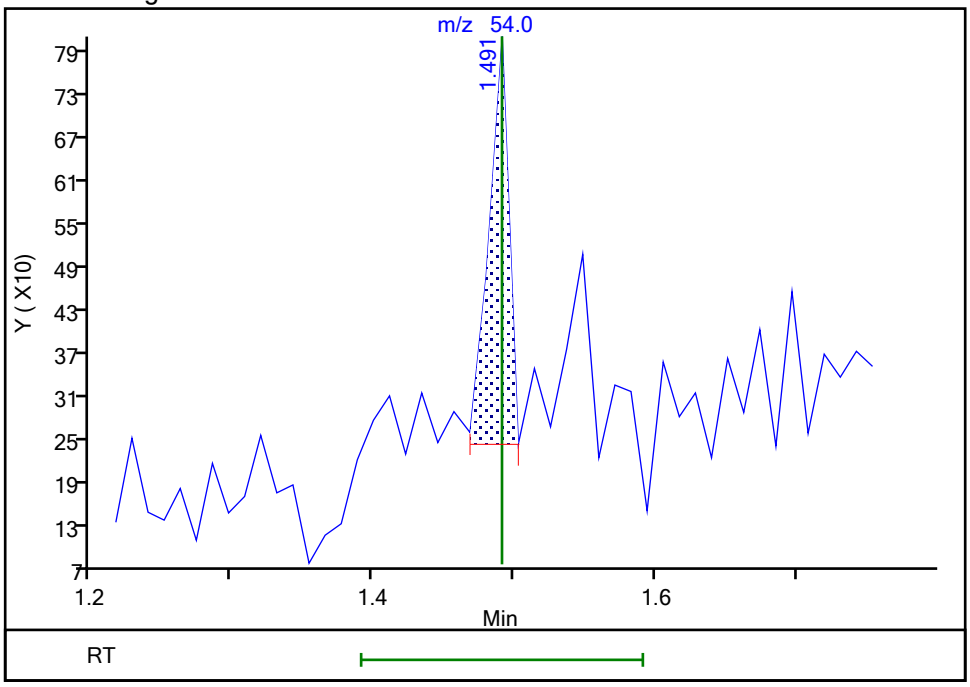
Processing Integration Results

RT: 1.49
Area: 922
Amount: 0.281153
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 563
Amount: 0.268164
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 08:50:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

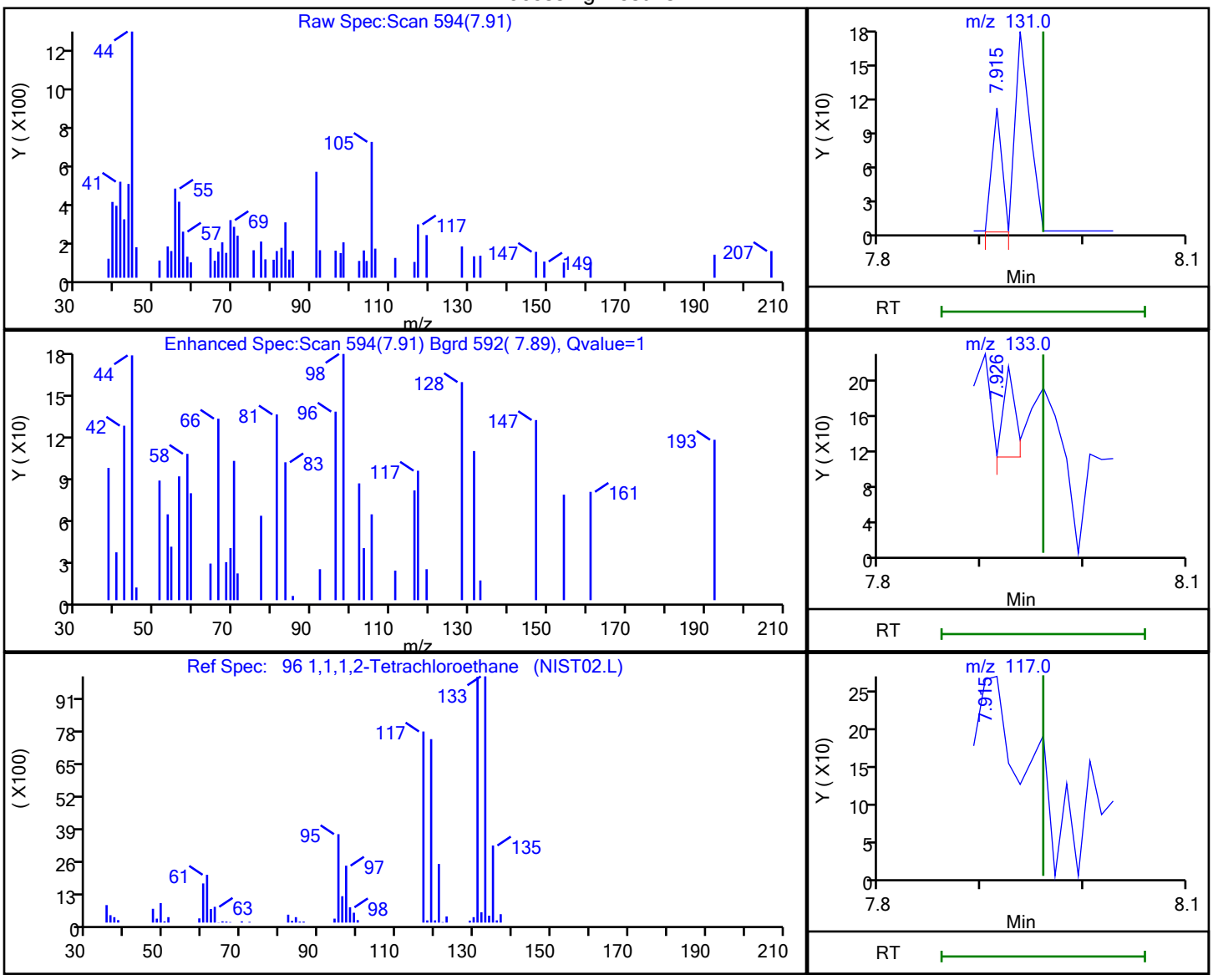
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.91	131.00	73	0.023053
7.93	133.00	81	
7.91	117.00	348	
7.91	119.00	363	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

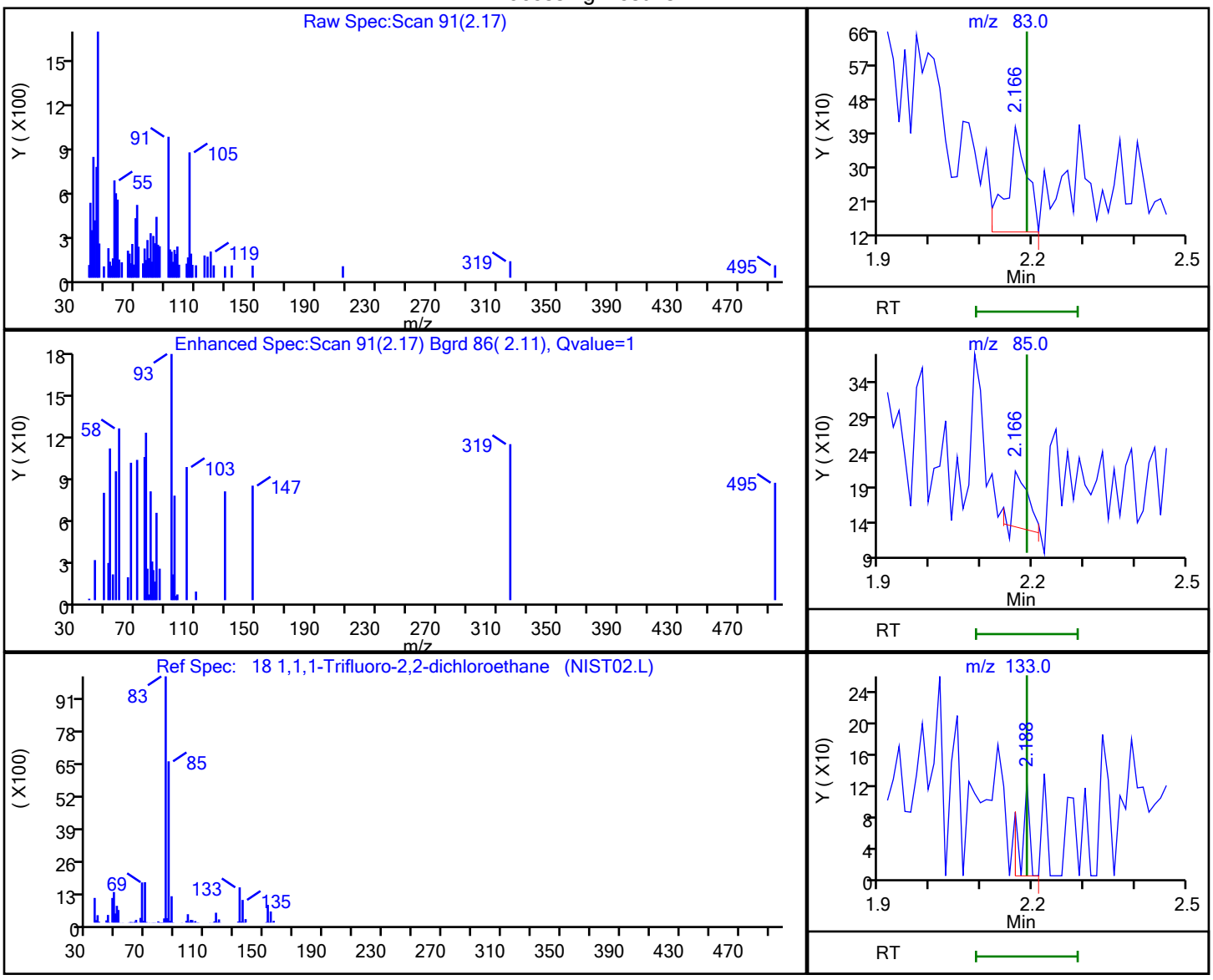
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.17	83.00	741	0.126205
2.17	85.00	169	
2.19	133.00	138	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

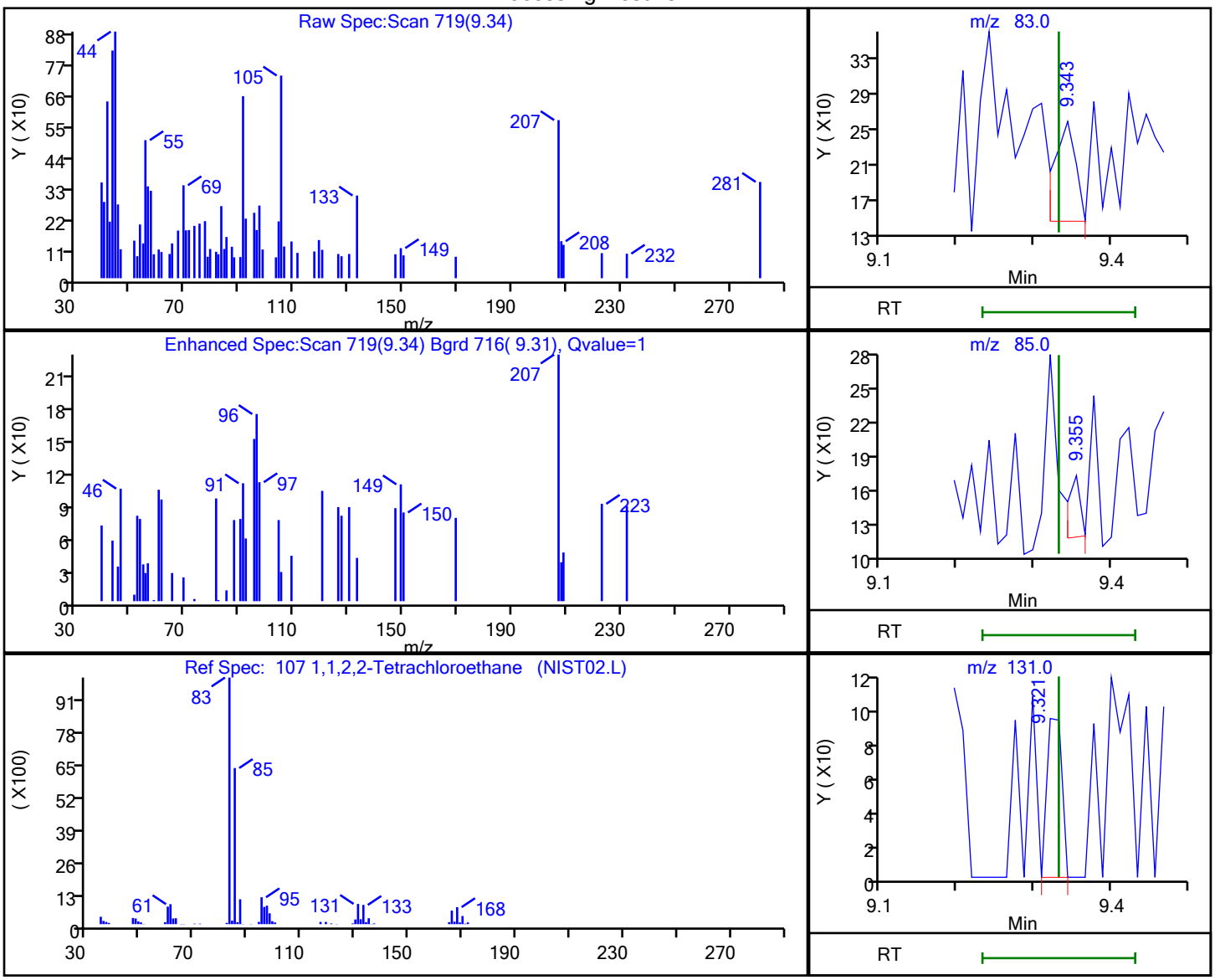
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.34	83.00	212	0.048129
9.35	85.00	59	
9.32	131.00	127	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

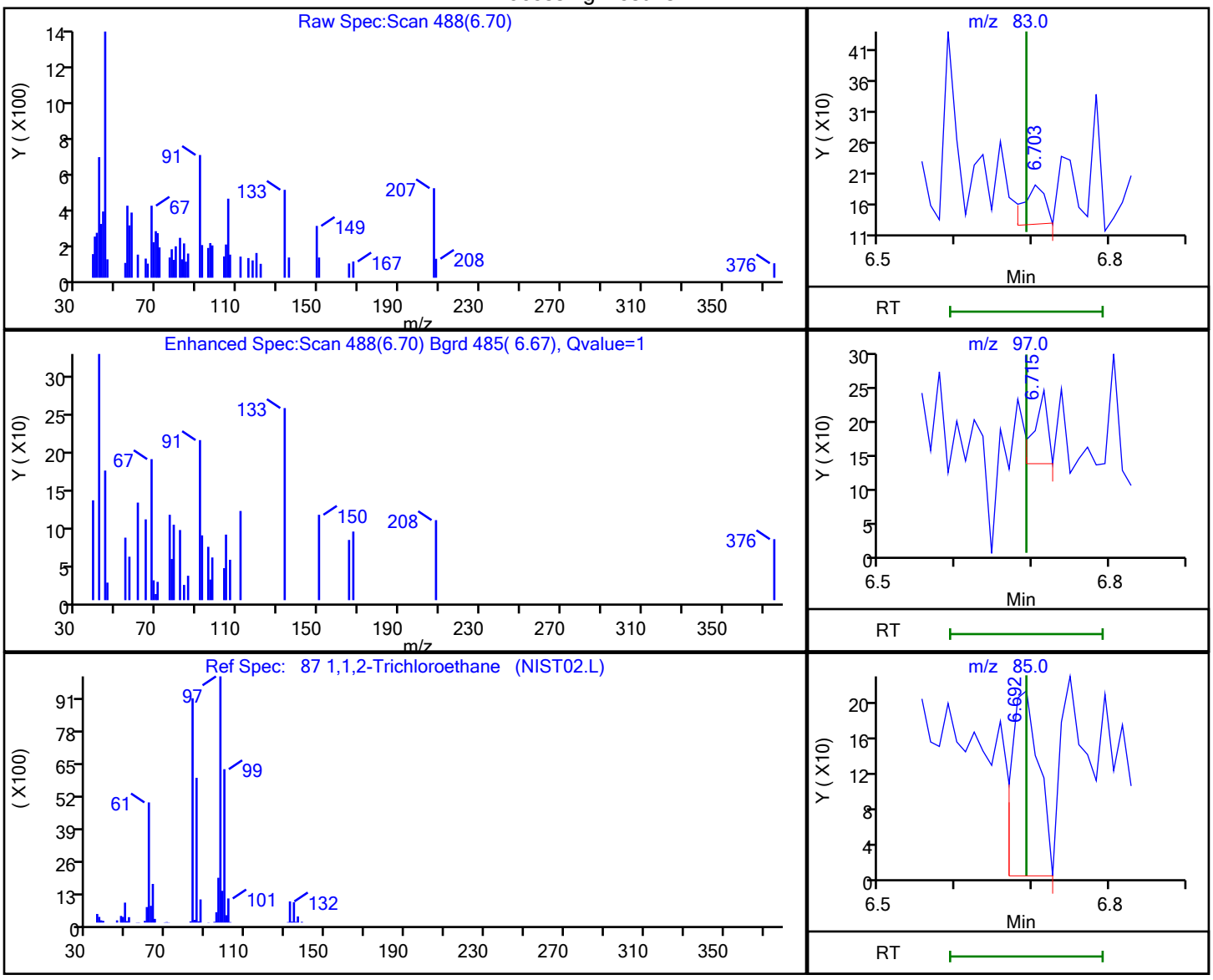
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.70	83.00	125	0.027493
6.71	97.00	132	
6.69	85.00	514	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

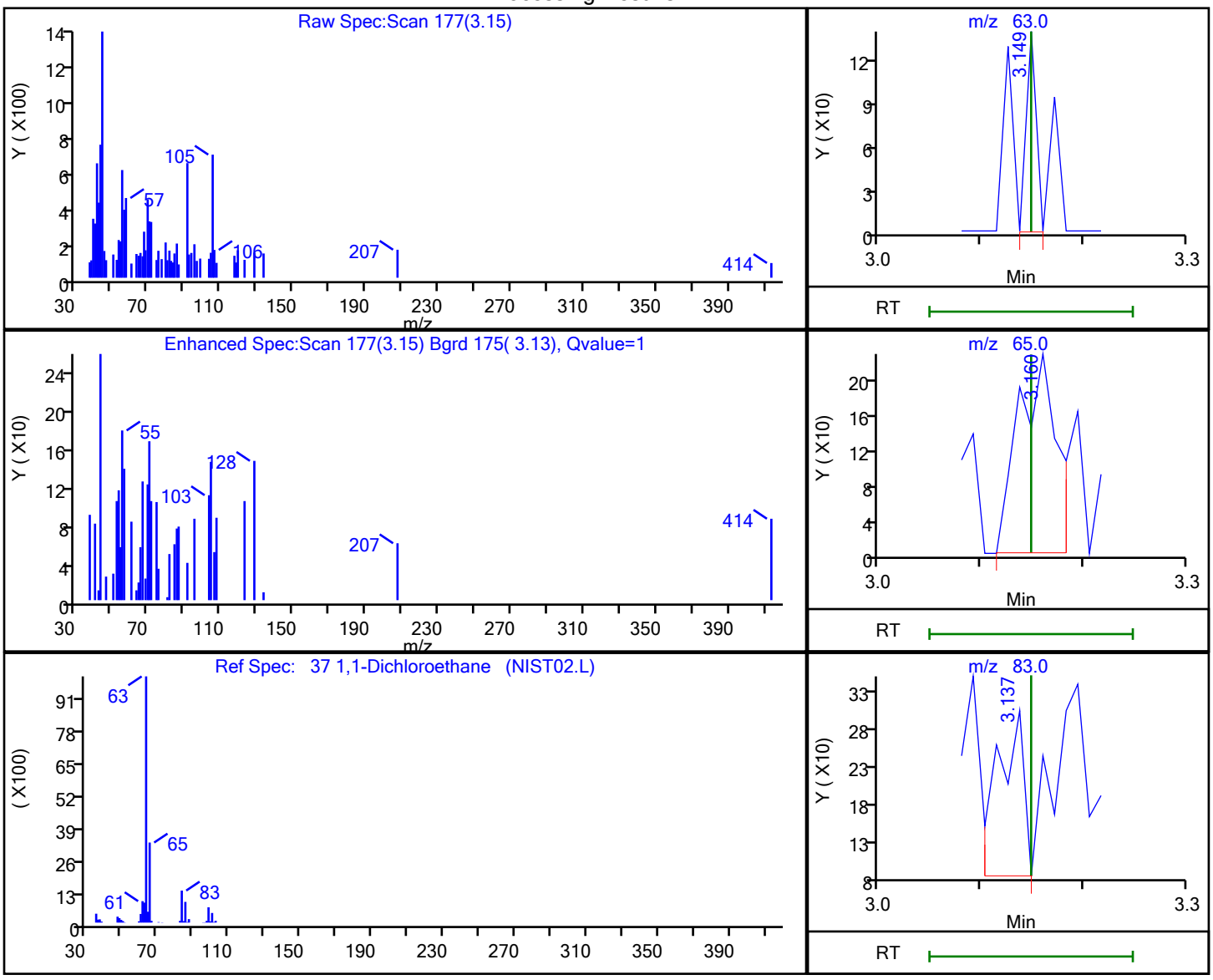
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.15	63.00	92	0.017070
3.16	65.00	593	
3.14	83.00	385	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

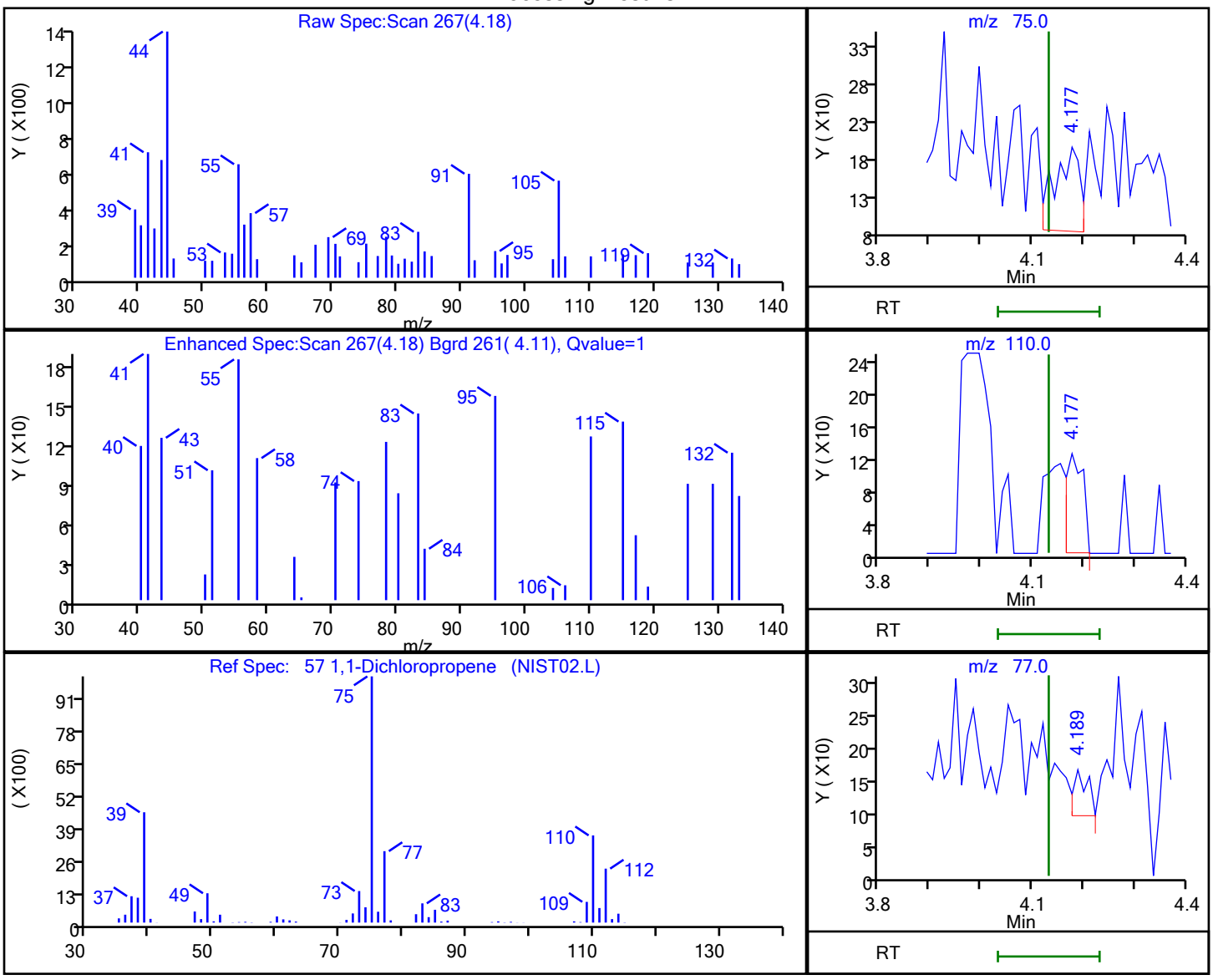
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.18	75.00	370	0.089025
4.18	110.00	283	
4.19	77.00	132	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

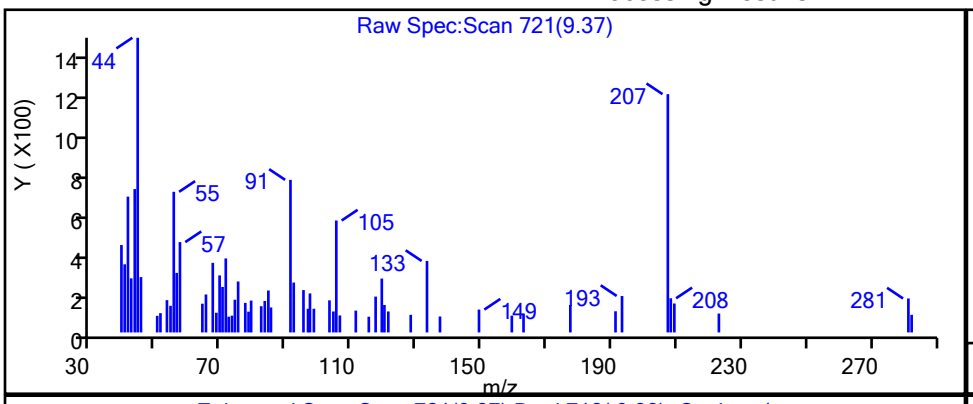
User Disabled Compound Report

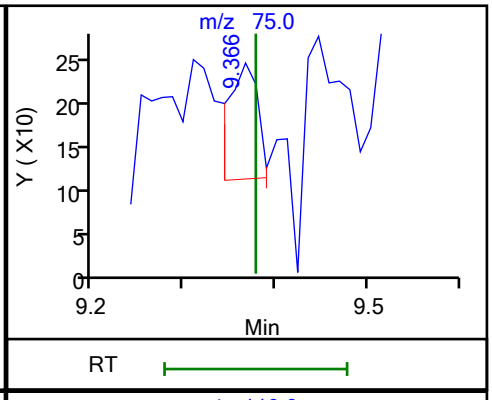
Eurofins Edison

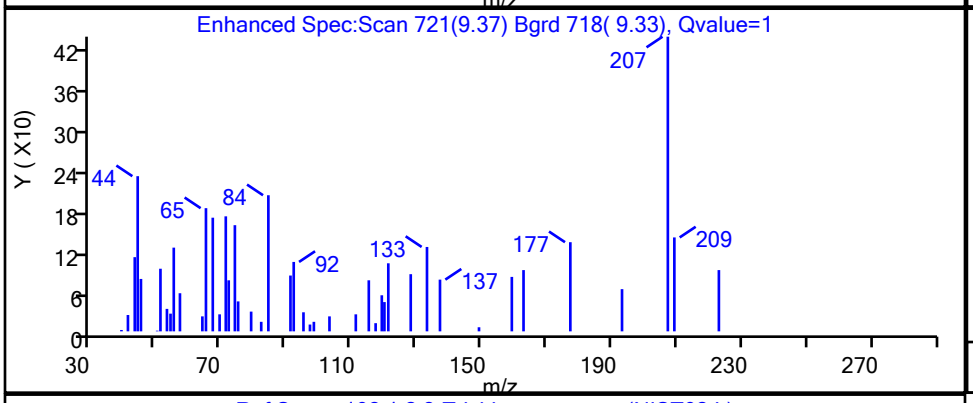
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

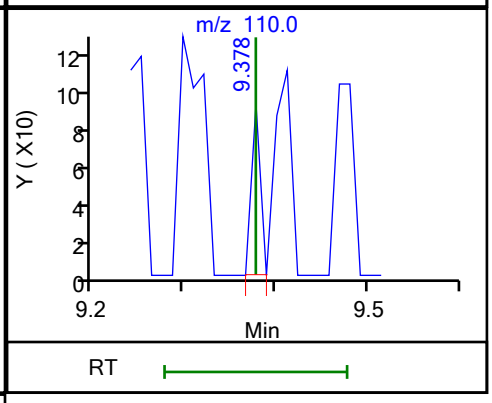
108 1,2,3-Trichloropropane, CAS: 96-18-4

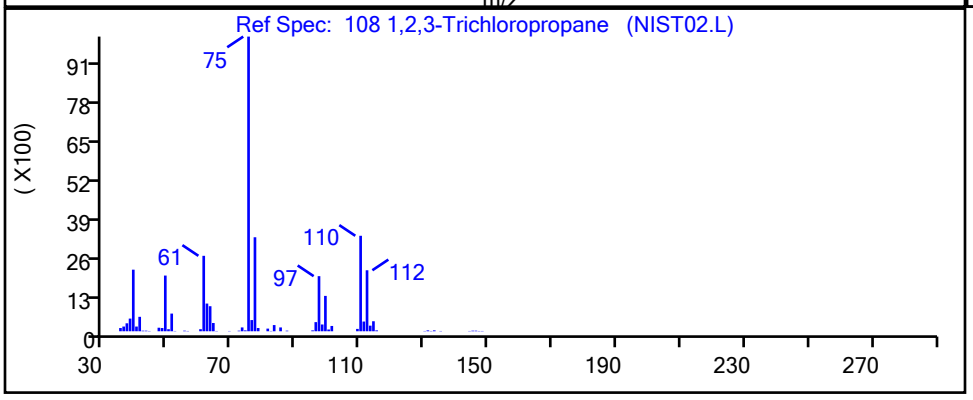
Processing Results











RT	Mass	Response	Amount
9.37	75.00	305	0.056418
9.38	110.00	60	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

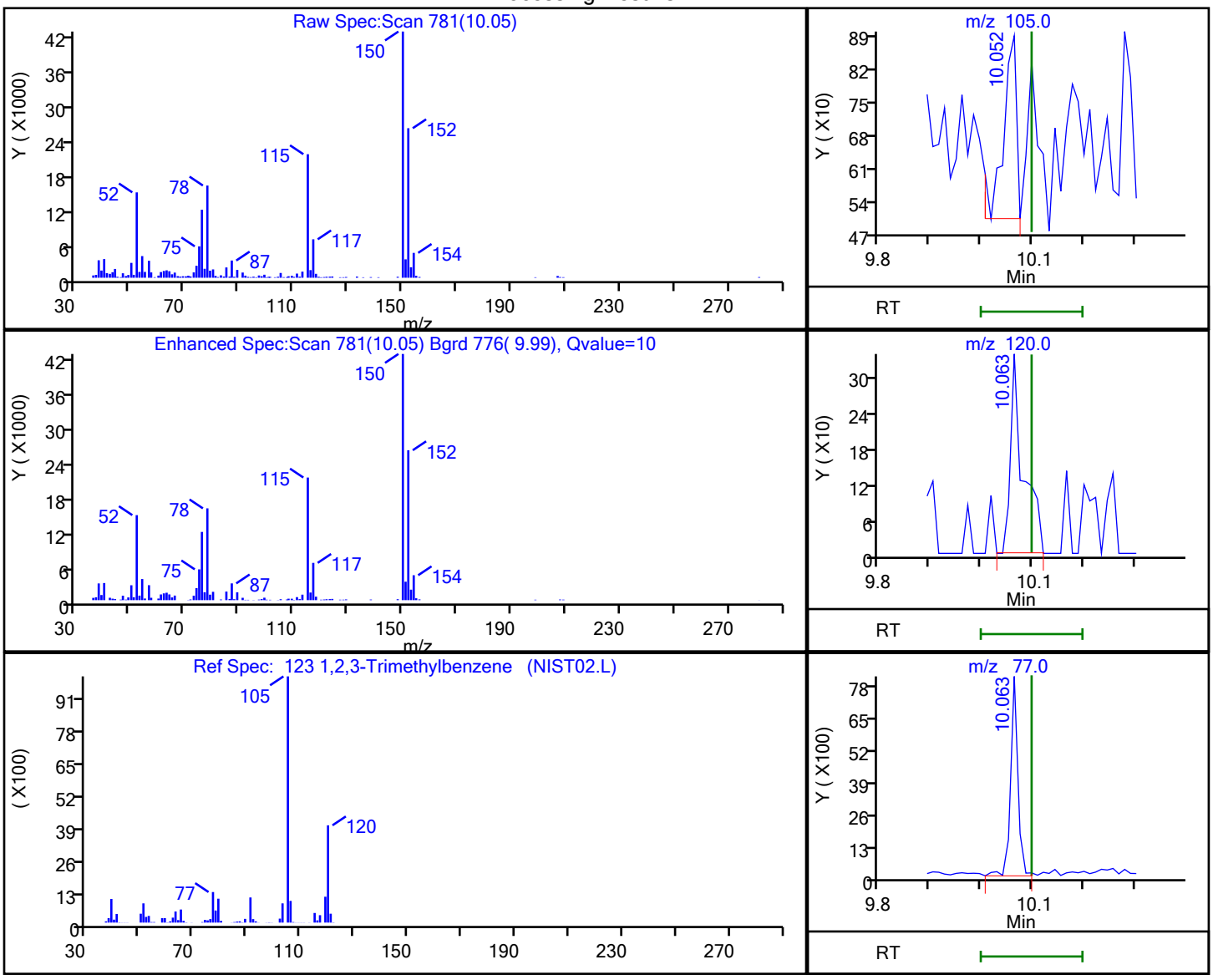
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.05	105.00	714	0.084815
10.06	120.00	586	
10.06	77.00	8021	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

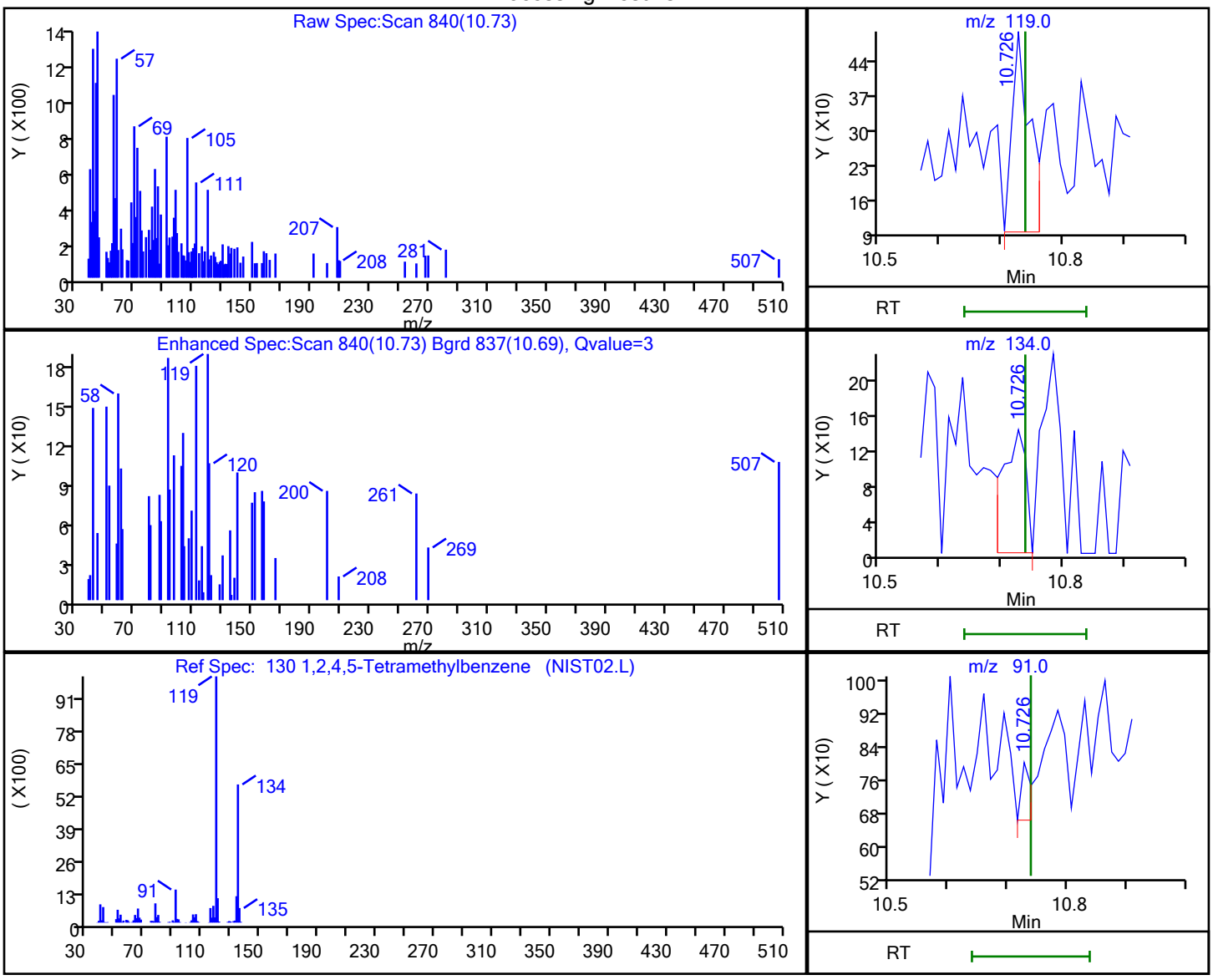
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.73	119.00	808	0.067270
10.73	134.00	362	
10.73	91.00	152	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

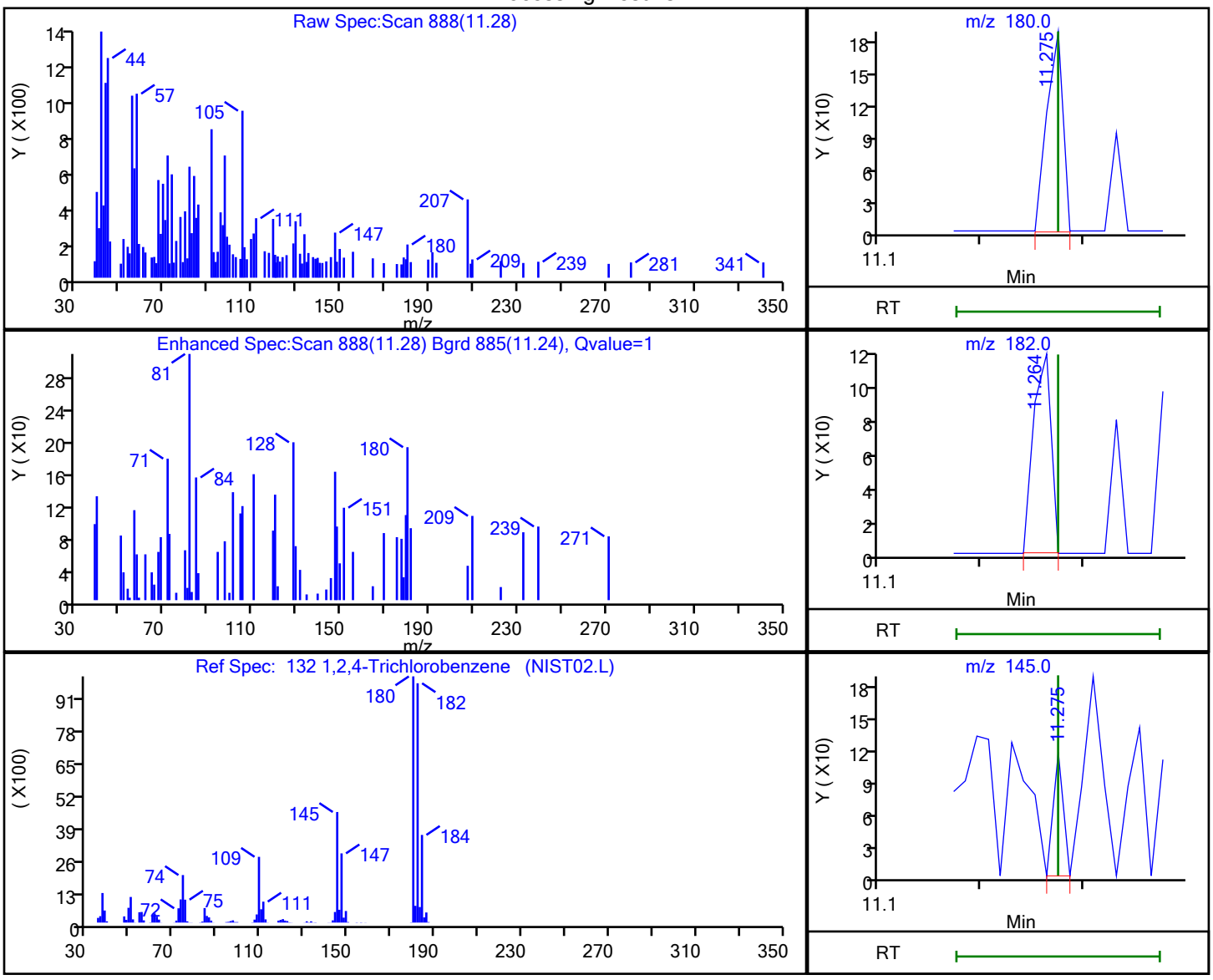
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.28	180.00	204	0.050653
11.26	182.00	135	
11.28	145.00	80	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

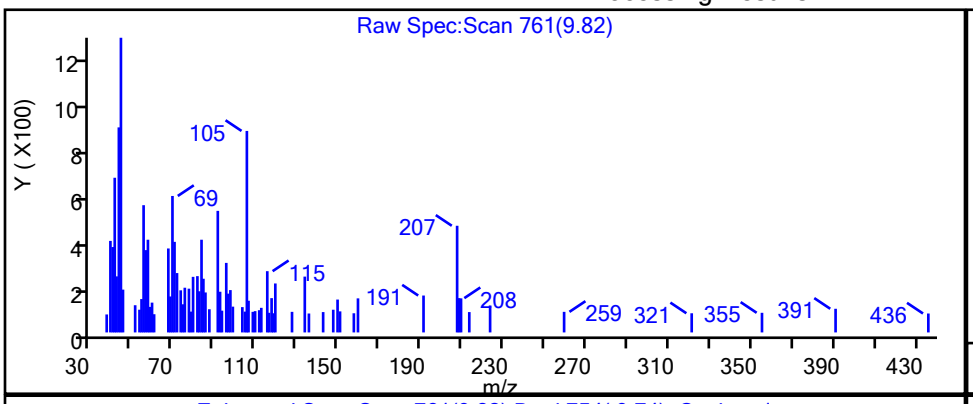
User Disabled Compound Report

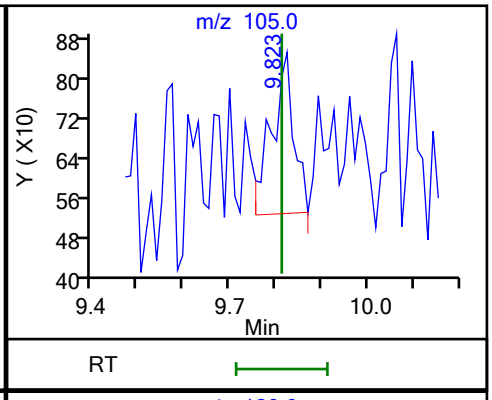
Eurofins Edison

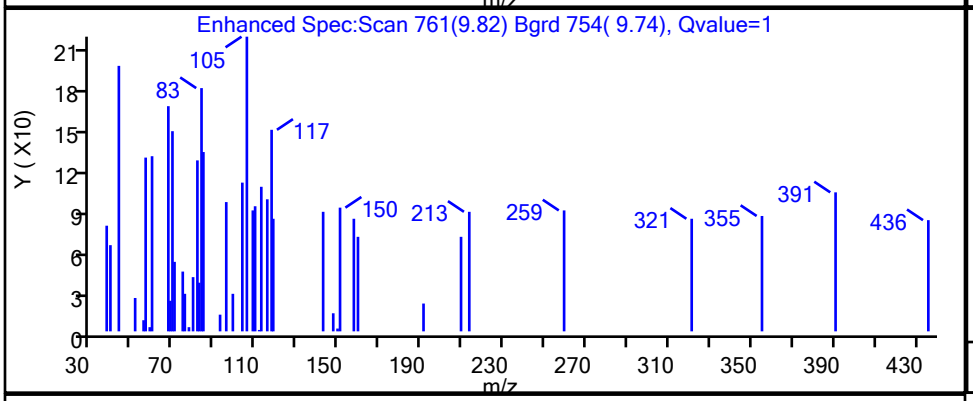
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

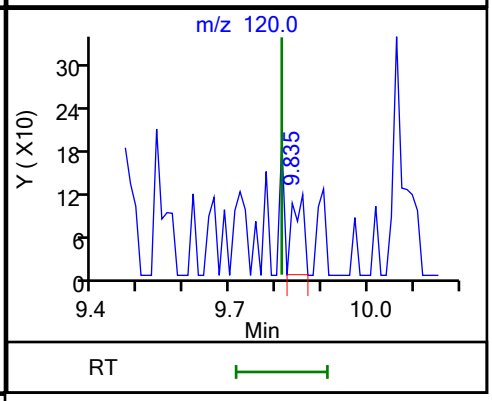
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

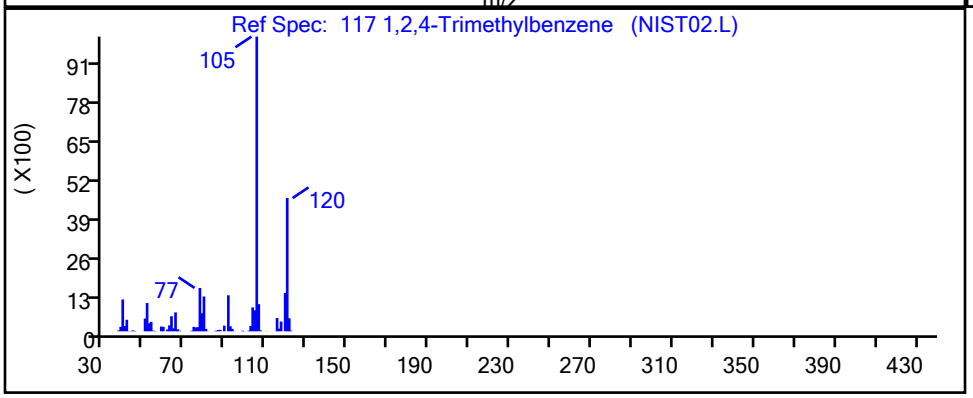
Processing Results











RT	Mass	Response	Amount
9.82	105.00	1115	0.083890
9.83	120.00	197	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

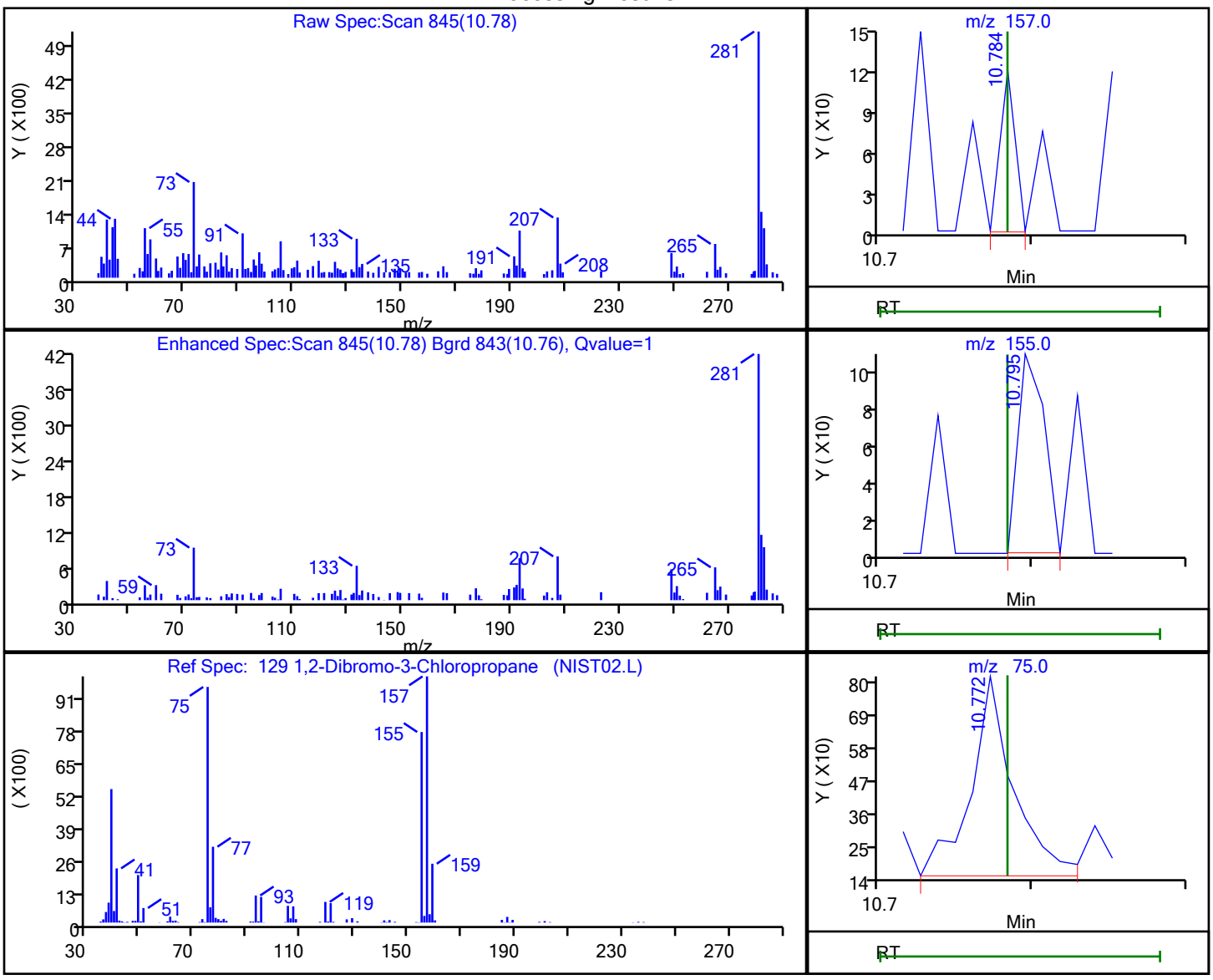
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
10.78	157.00	83	0.095861
10.79	155.00	132	
10.77	75.00	1300	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

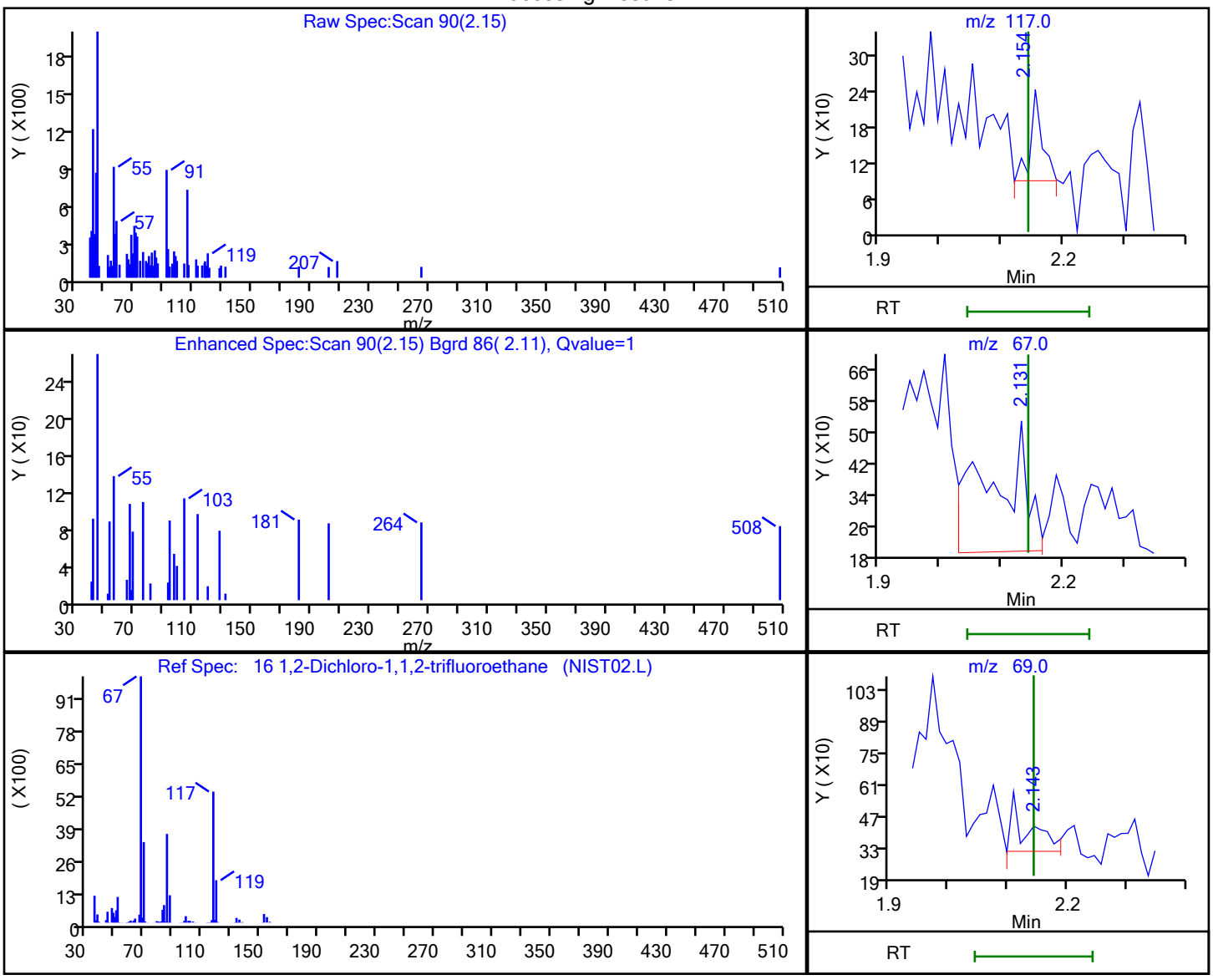
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.15	117.00	214	0.043078
2.13	67.00	1435	
2.14	69.00	549	
2.12	119.00	444	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

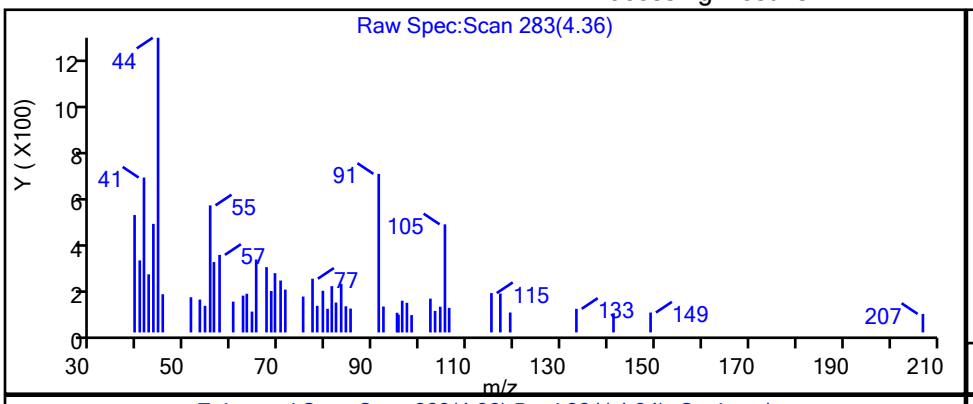
User Disabled Compound Report

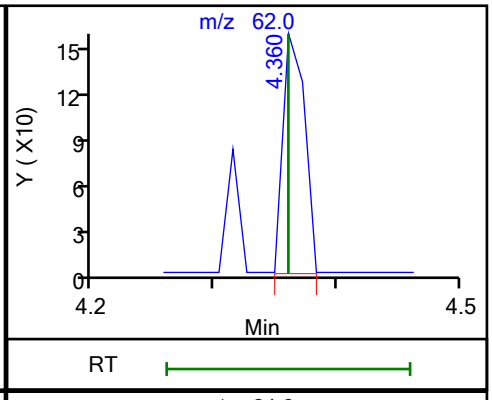
Eurofins Edison

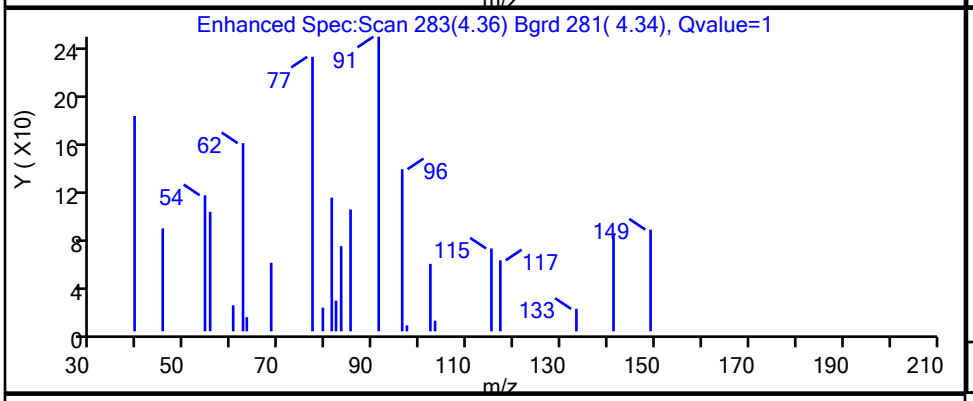
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

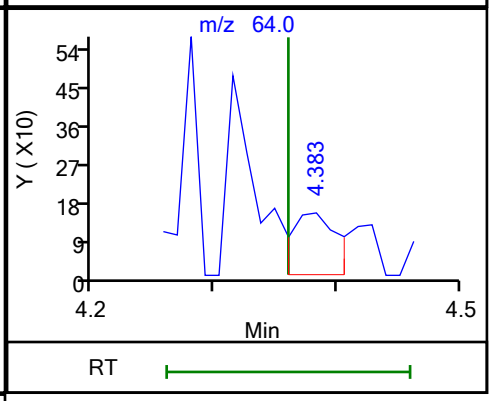
60 1,2-Dichloroethane, CAS: 107-06-2

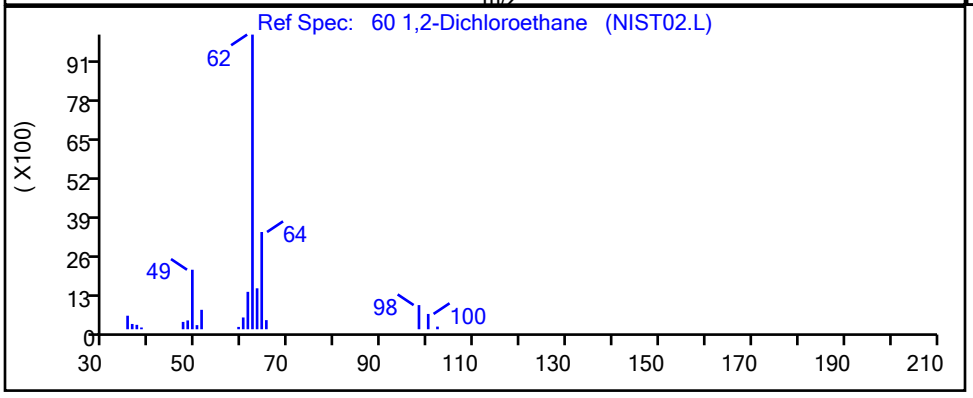
Processing Results











RT	Mass	Response	Amount
4.36	62.00	196	0.026748
4.38	64.00	396	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

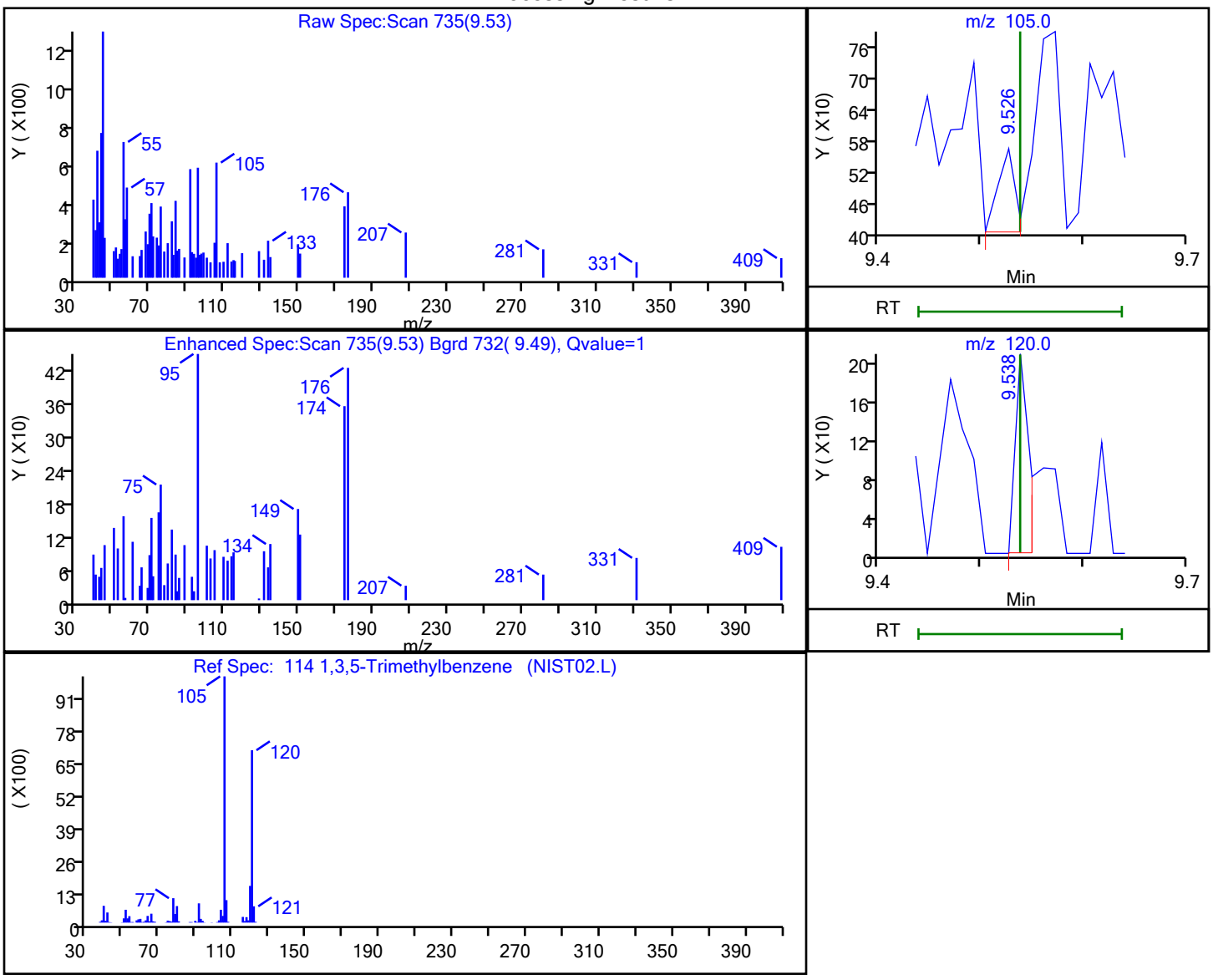
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.53	105.00	181	0.016086
9.54	120.00	193	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

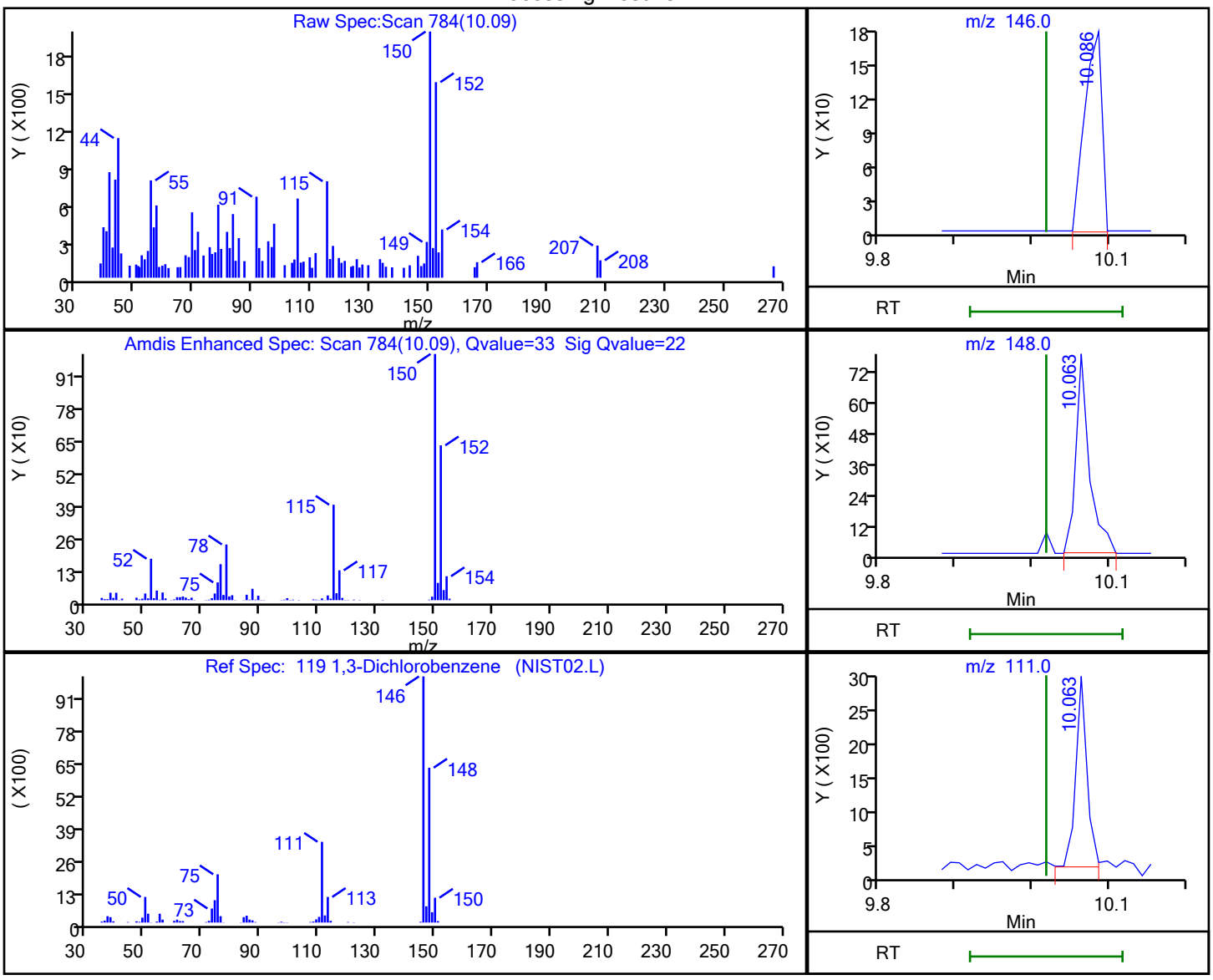
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.09	146.00	273	0.051945
10.06	148.00	983	
10.06	111.00	2870	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

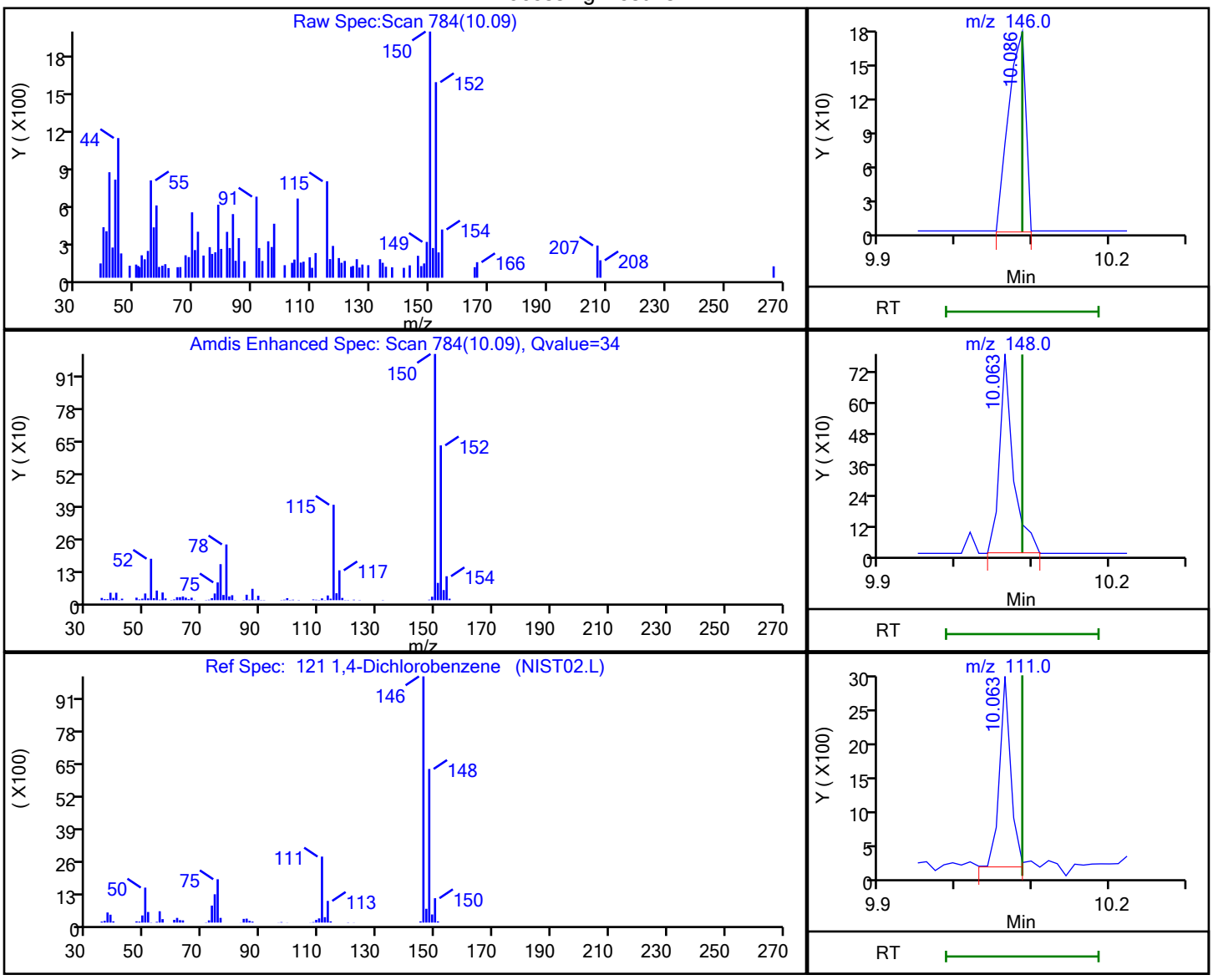
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.09	146.00	273	0.039480
10.06	148.00	983	
10.06	111.00	2870	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

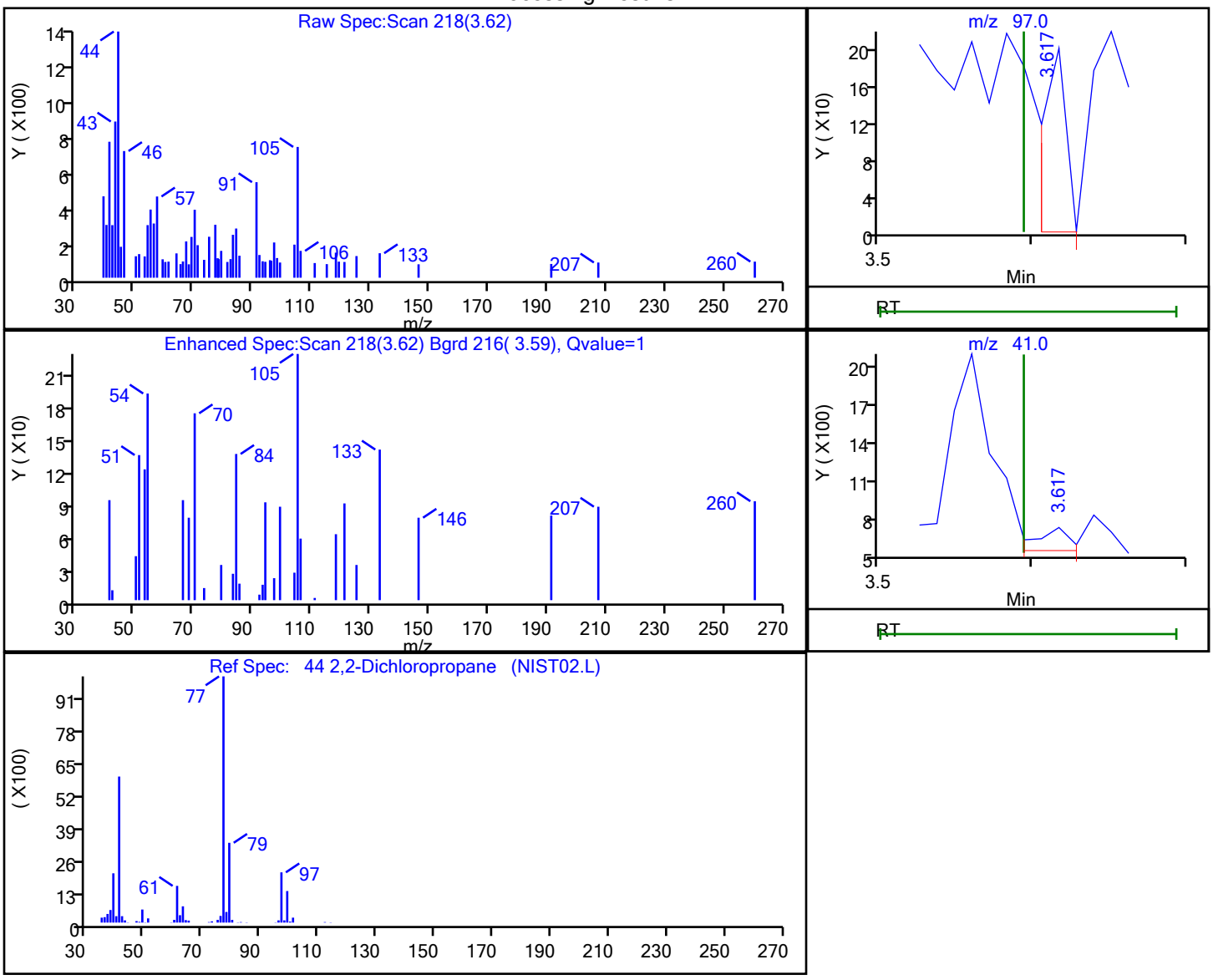
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.62	97.00	214	0.484379
3.62	41.00	274	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

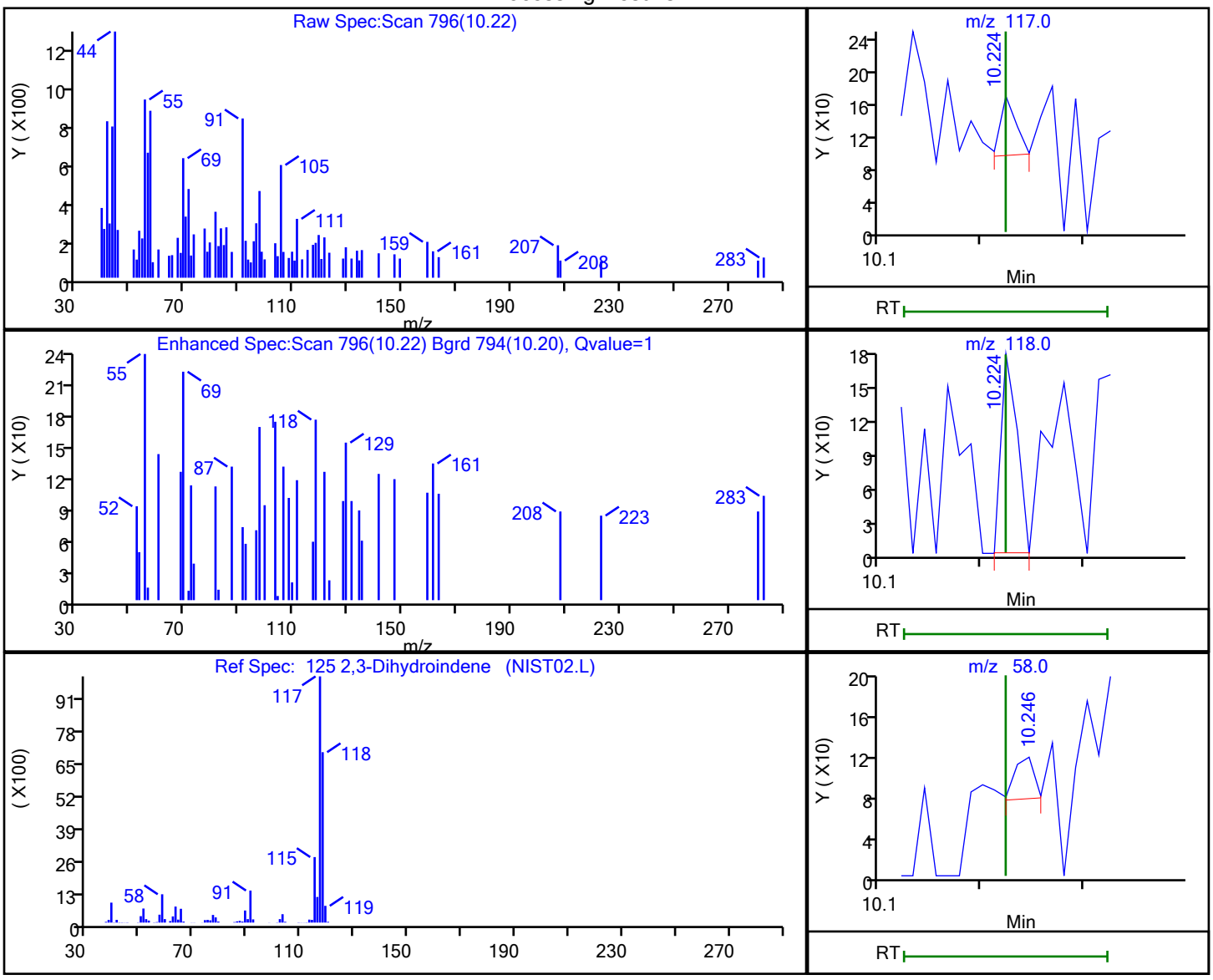
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.22	117.00	76	0.006607
10.22	118.00	191	
10.25	58.00	53	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

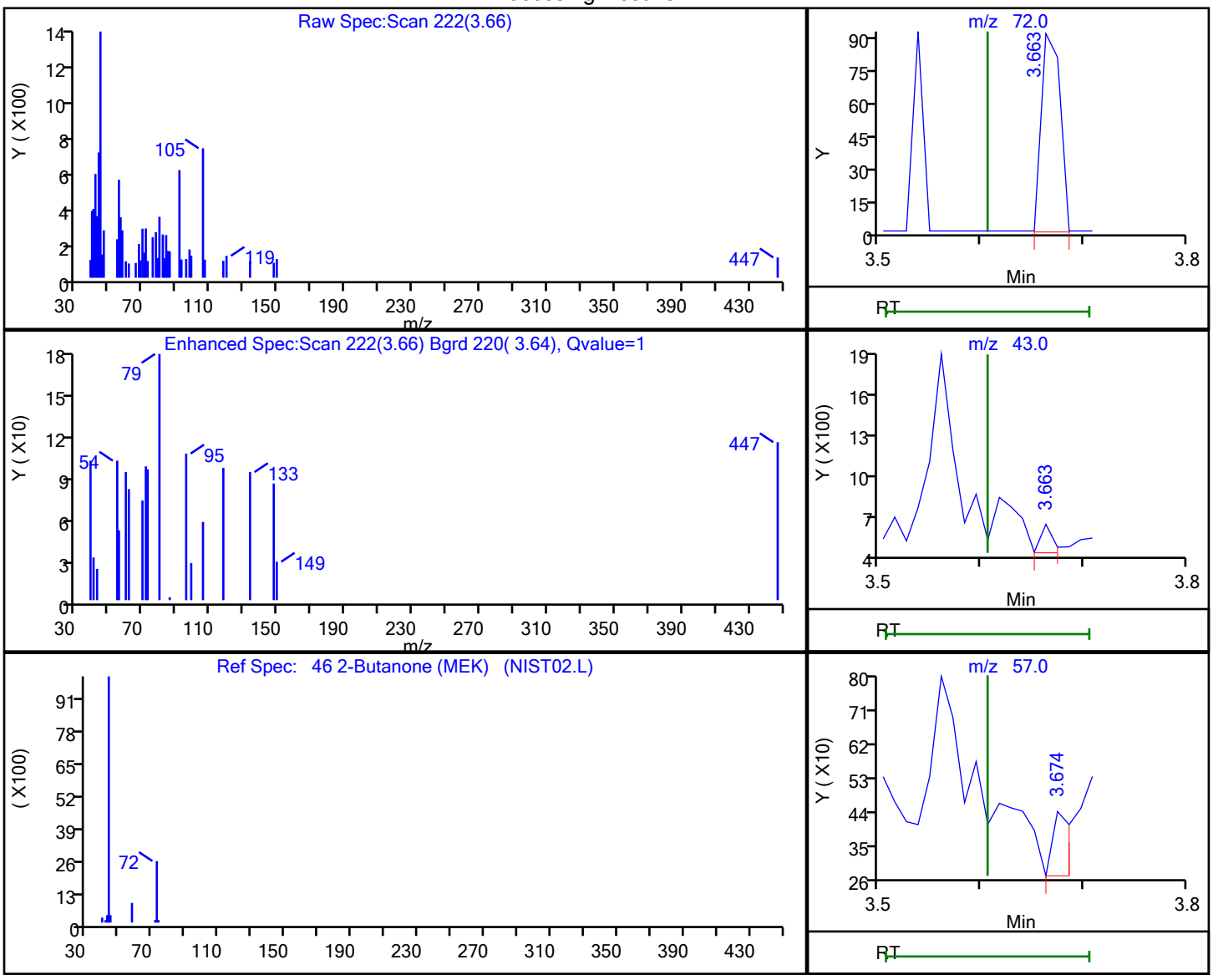
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.66	72.00	119	0.322436
3.66	43.00	173	
3.67	57.00	212	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

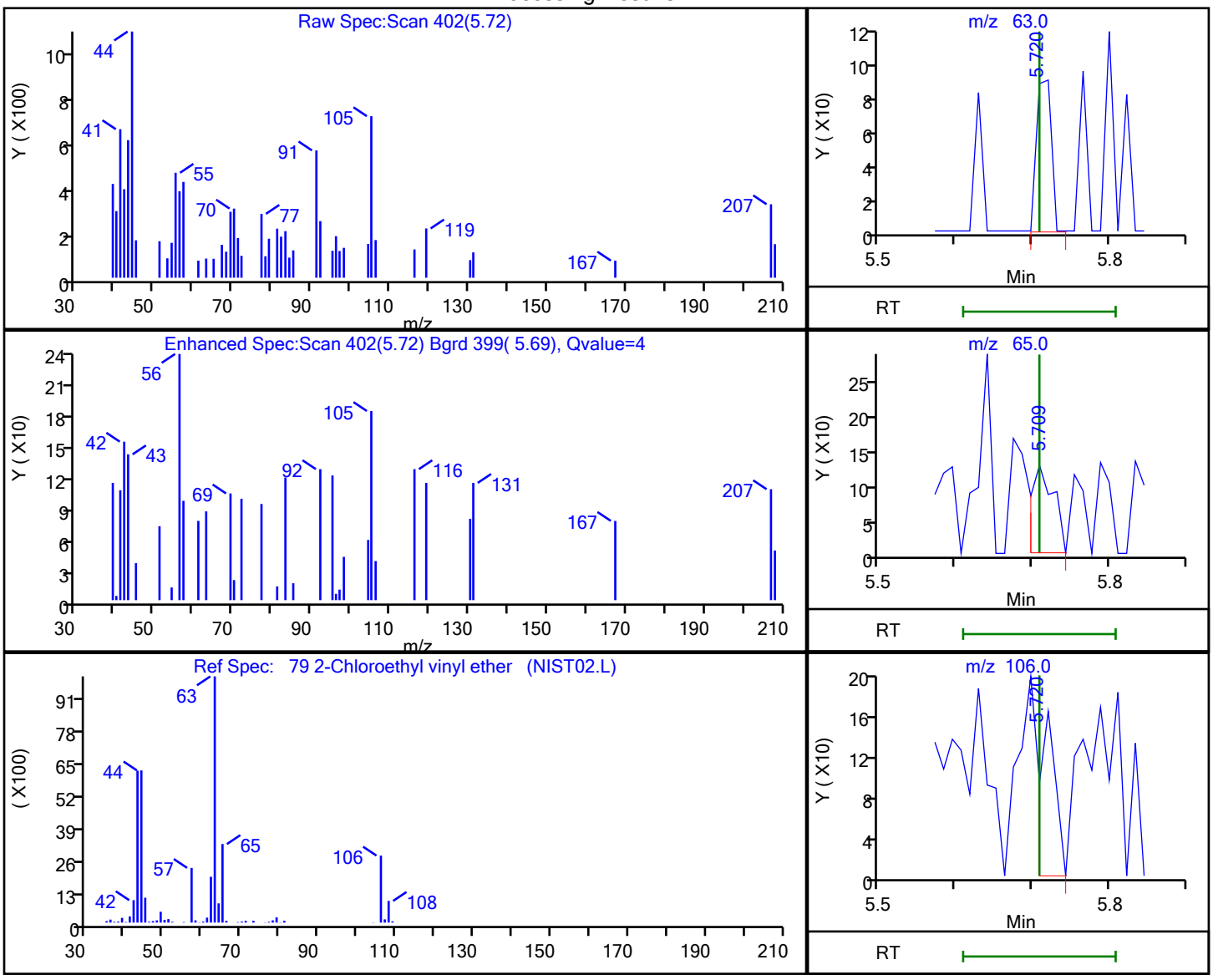
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.72	63.00	114	0.050992
5.71	65.00	257	
5.72	106.00	236	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

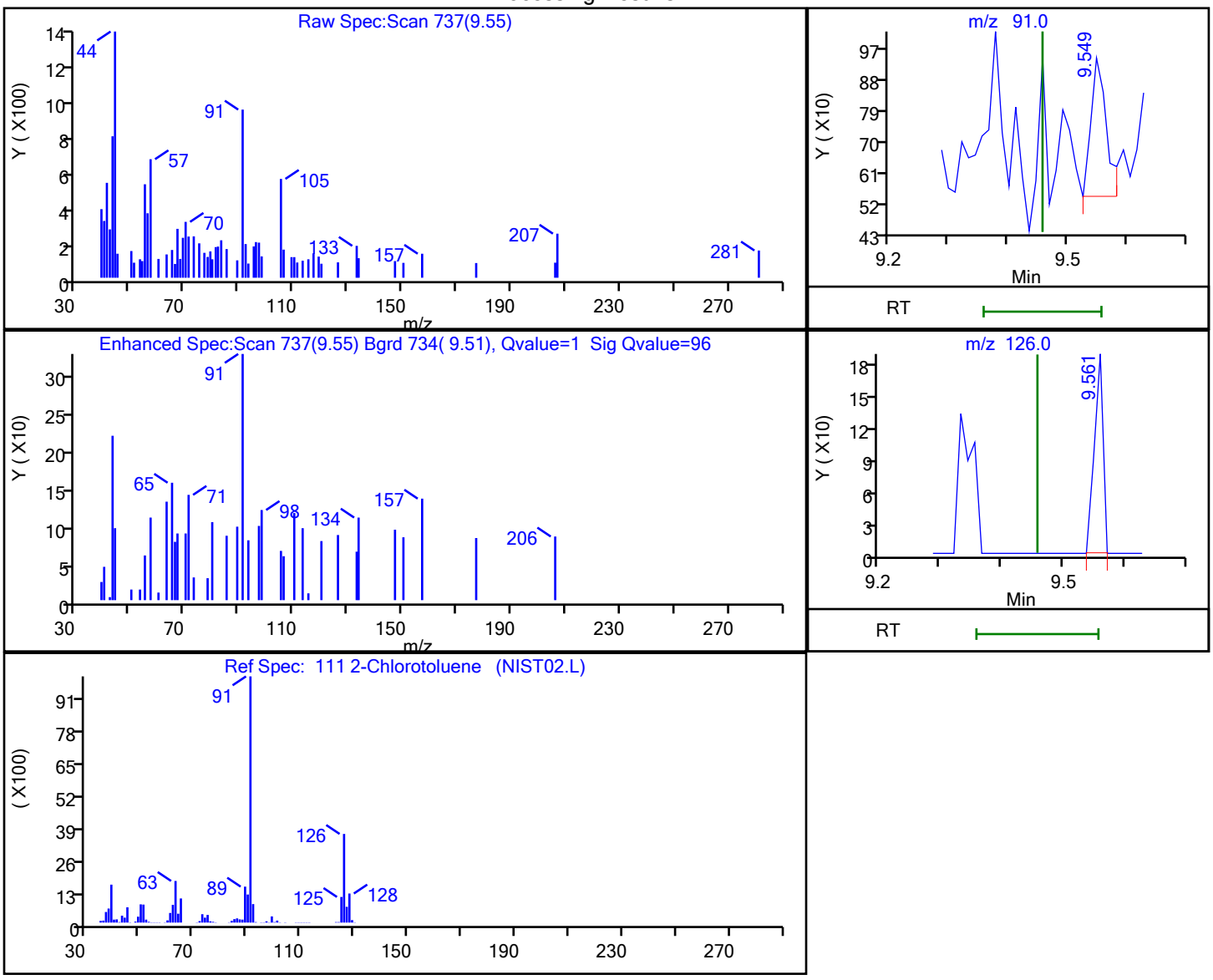
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.55	91.00	748	0.082242
9.56	126.00	187	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

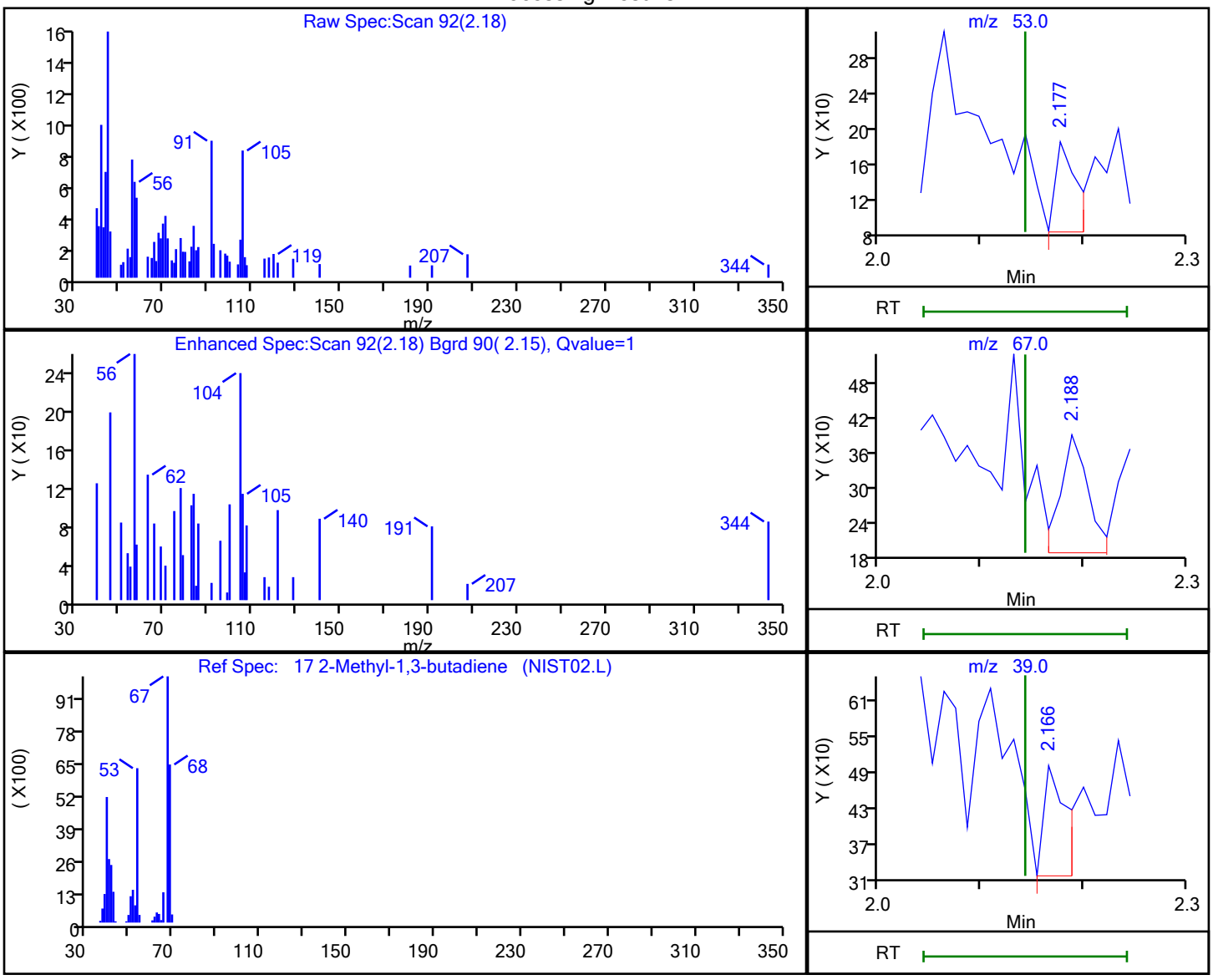
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.18	53.00	145	0.043174
2.19	67.00	387	
2.17	39.00	285	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

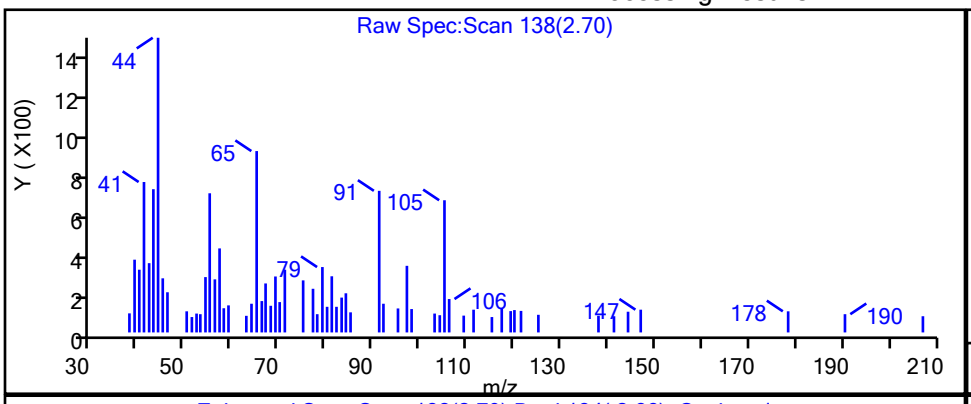
User Disabled Compound Report

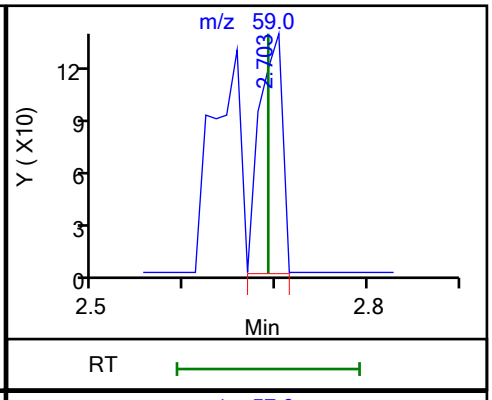
Eurofins Edison

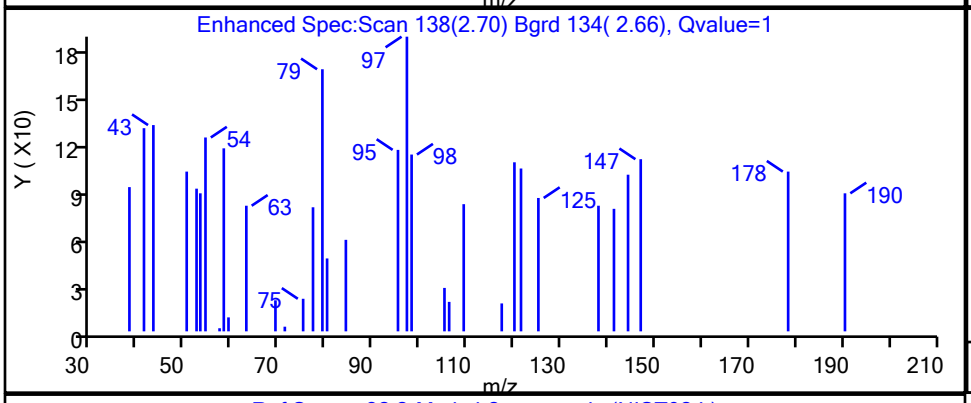
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

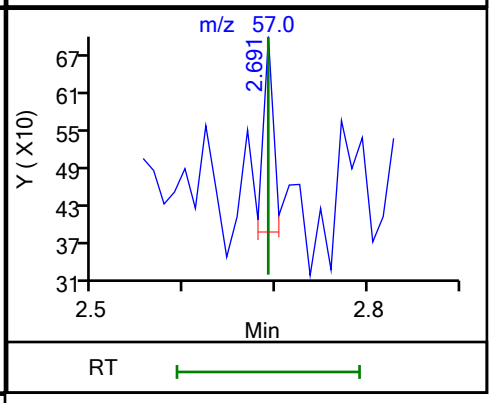
32 2-Methyl-2-propanol, CAS: 75-65-0

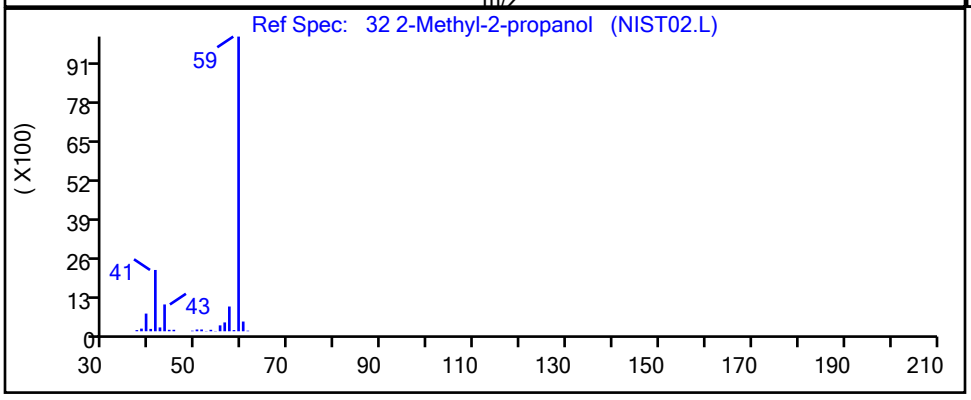
Processing Results











RT	Mass	Response	Amount
2.70	59.00	229	0.777618
2.69	57.00	247	

Reviewer: NN6A, 12-Aug-2025 08:50:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

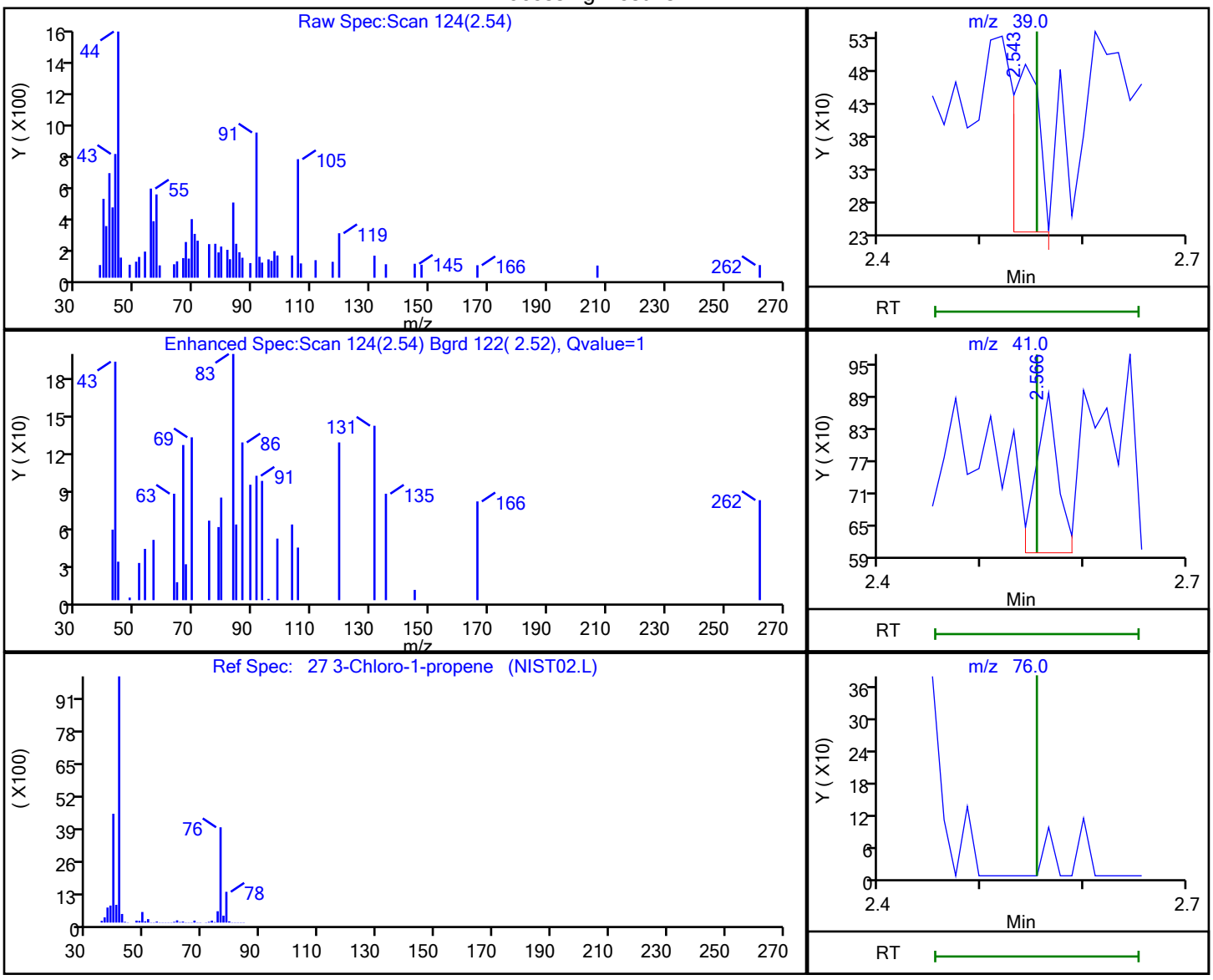
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.54	39.00	467	0.101655
2.57	41.00	447	
2.55	76.00	0	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

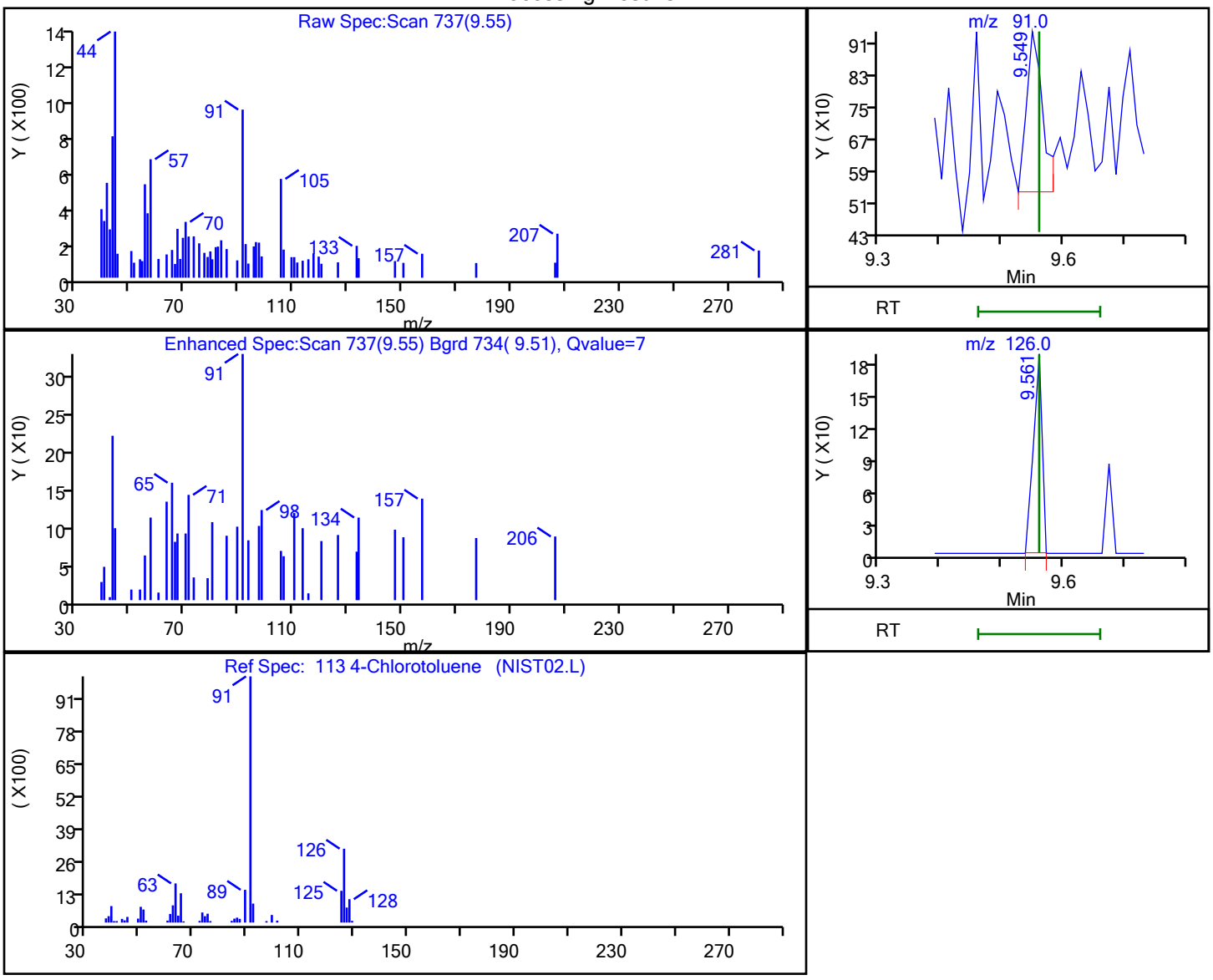
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.55	91.00	748	0.058563
9.56	126.00	187	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

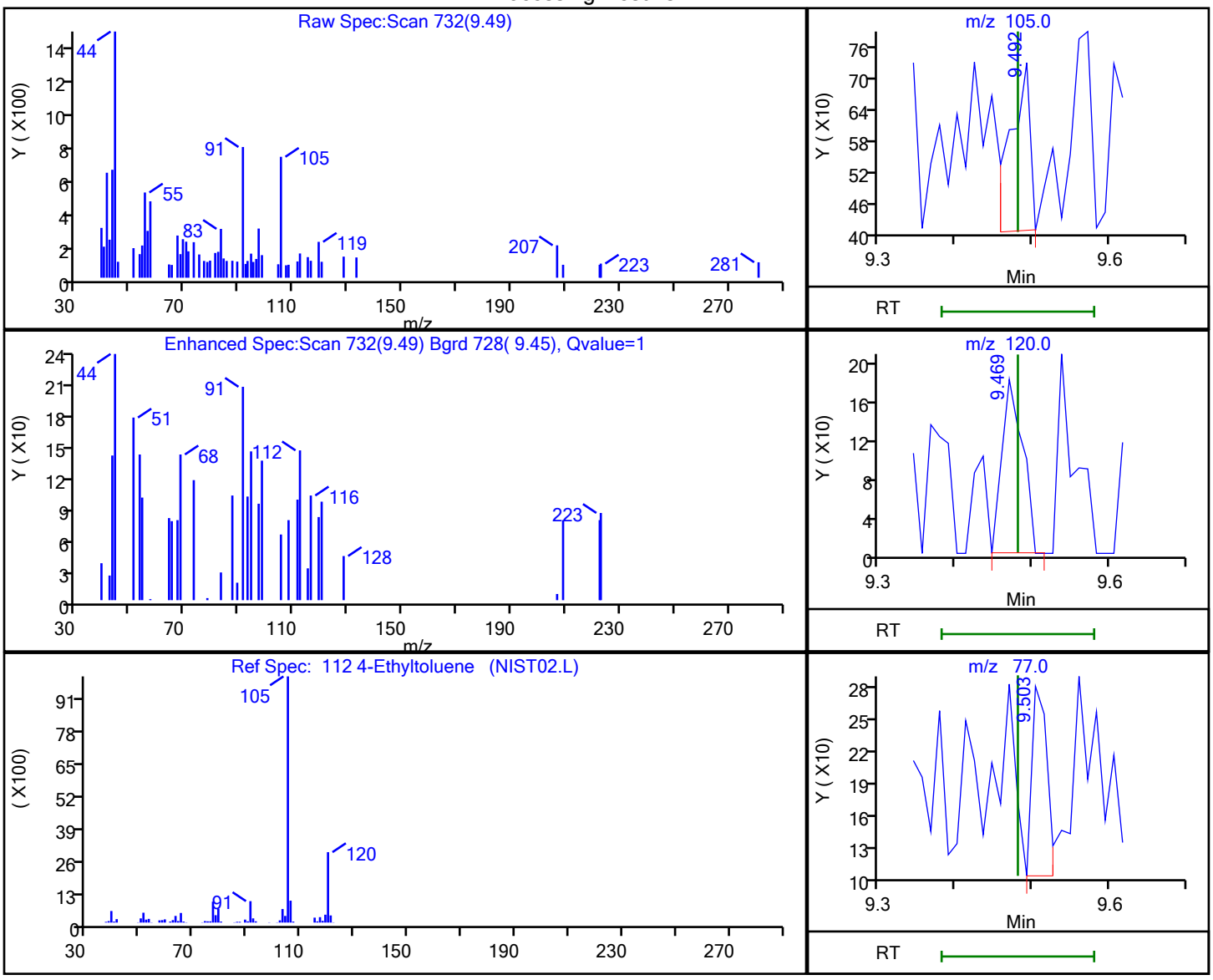
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.49	105.00	578	0.044156
9.47	120.00	335	
9.50	77.00	236	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

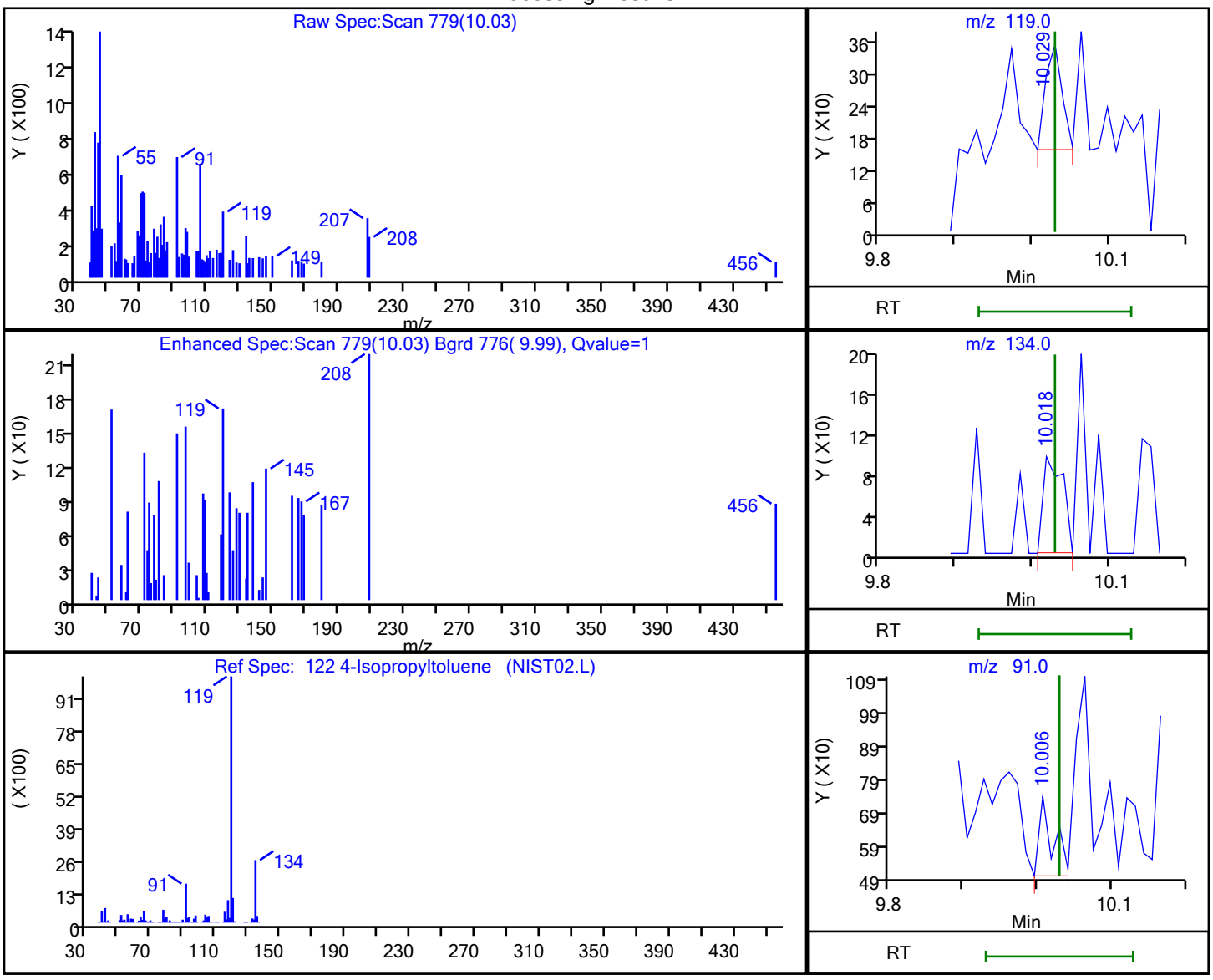
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.03	119.00	299	0.025087
10.02	134.00	174	
10.01	91.00	314	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

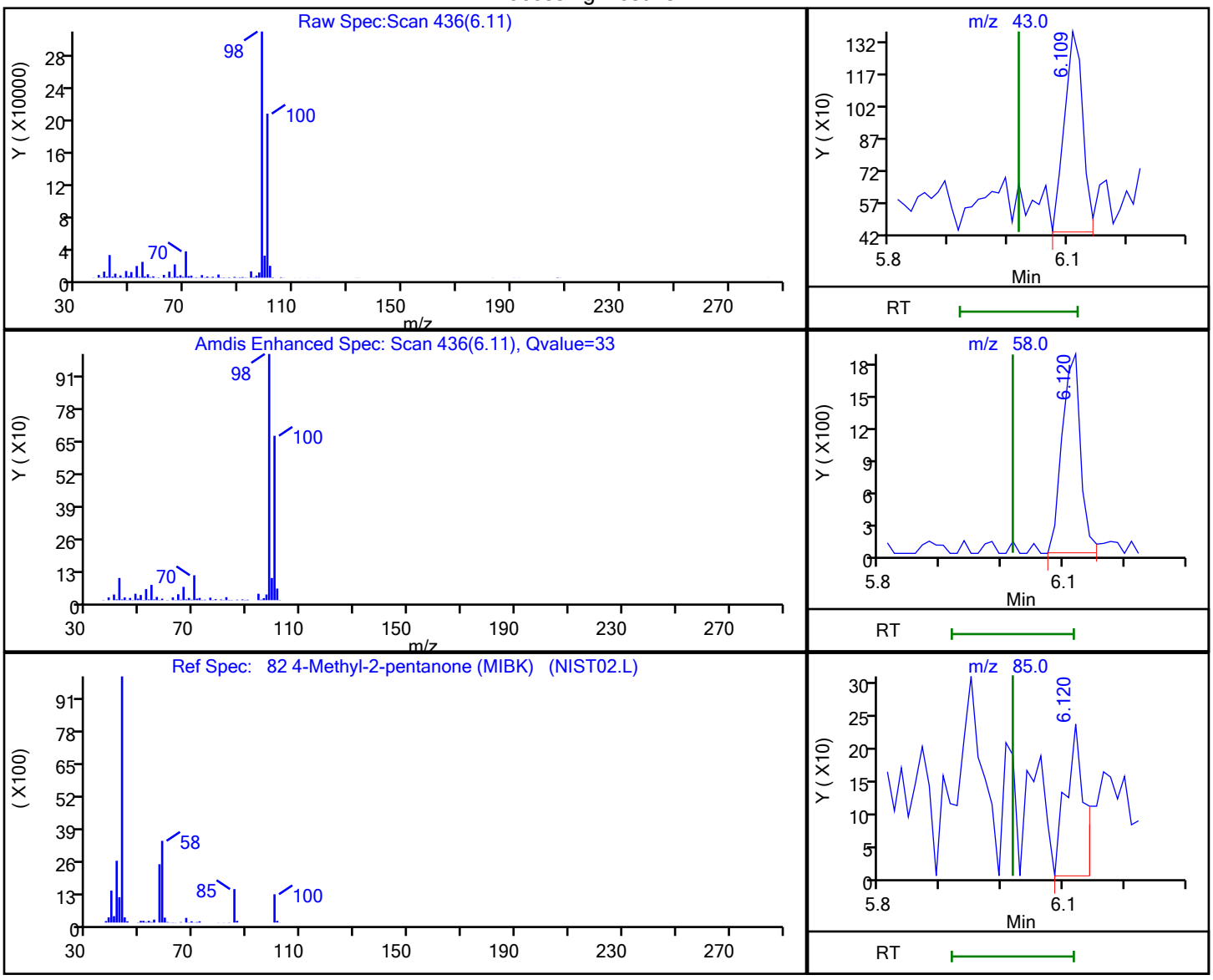
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	2010	0.815907
6.12	58.00	3969	
6.12	85.00	473	
6.11	100.00	372700	

Reviewer: NN6A, 12-Aug-2025 08:51:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

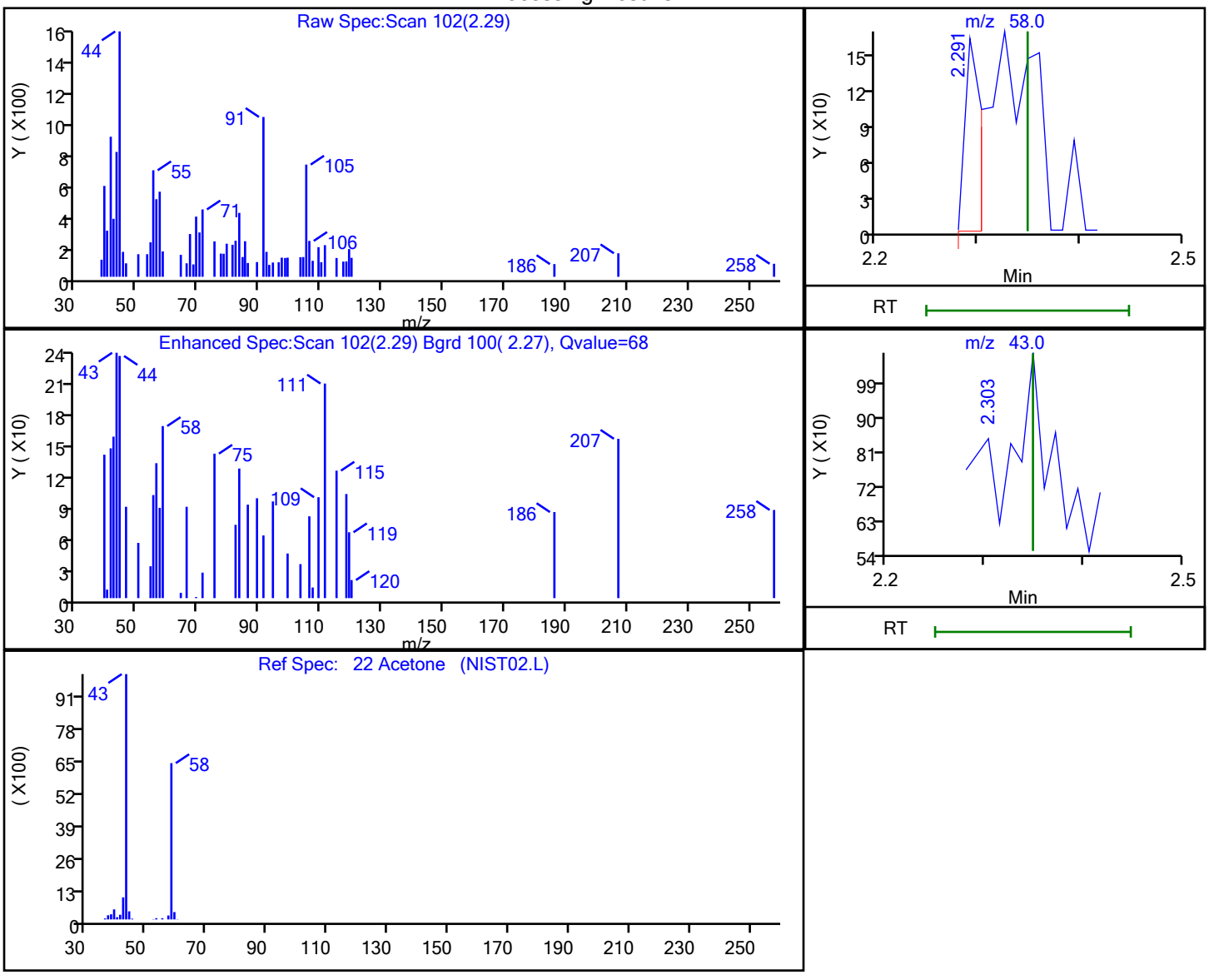
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.29	58.00	181	-2.344878
2.30	43.00	509	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

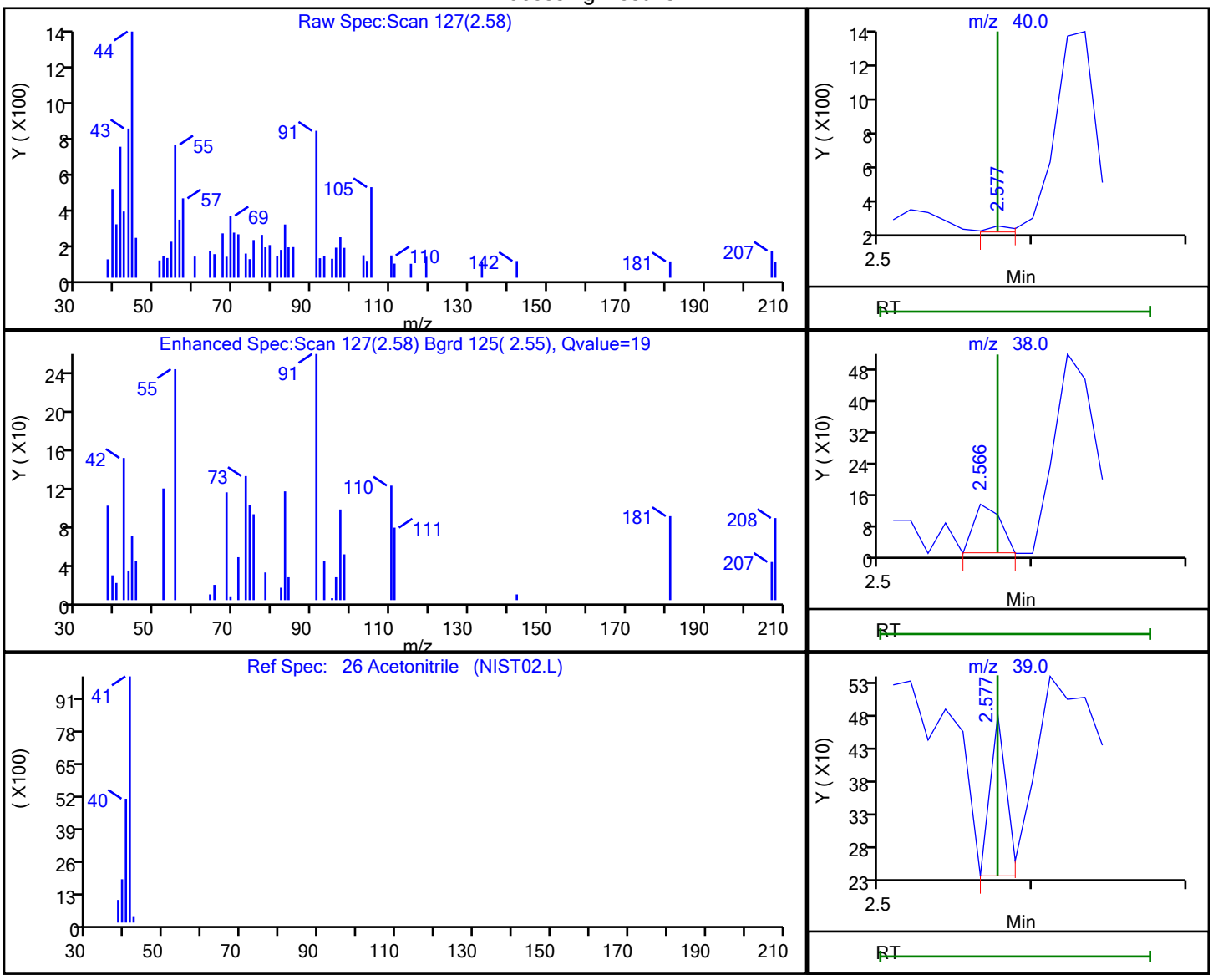
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.58	40.00	28	0.104637
2.57	38.00	154	
2.58	39.00	185	
2.57	41.00	341	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

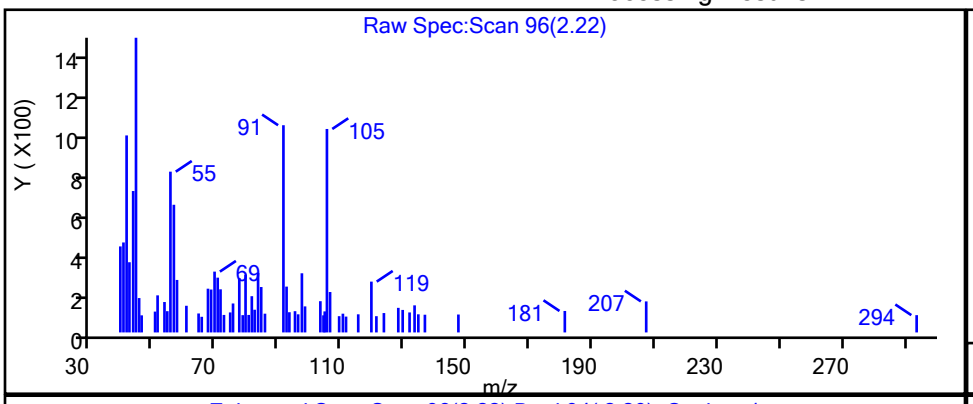
User Disabled Compound Report

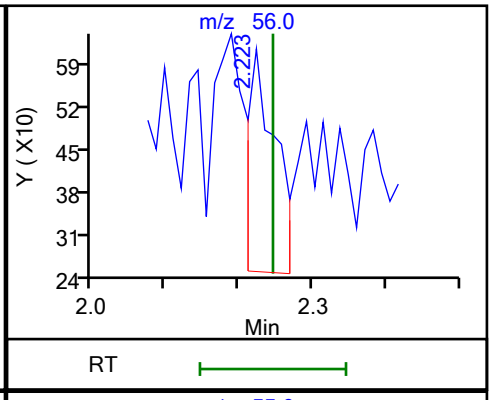
Eurofins Edison

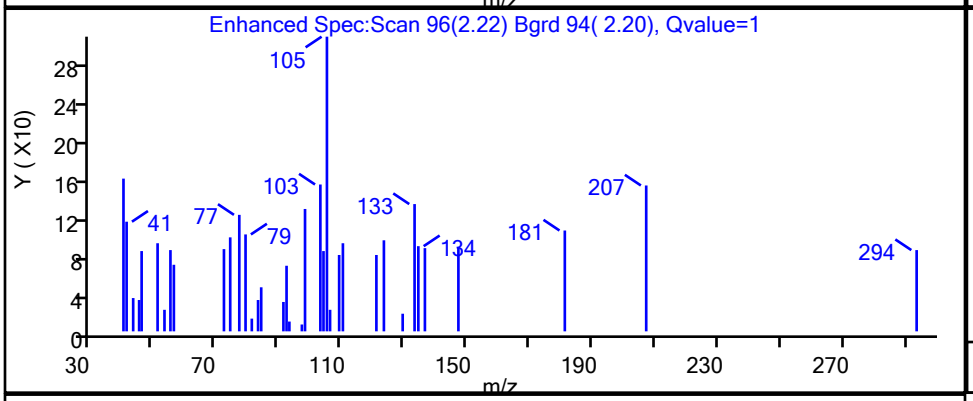
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

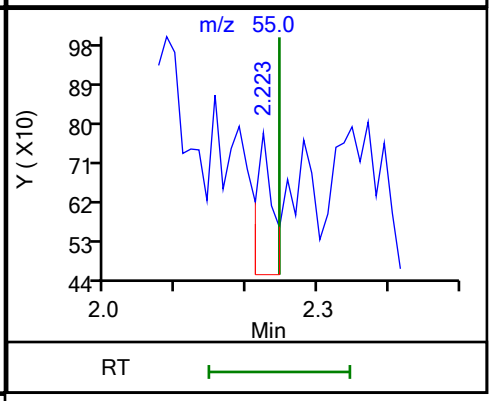
19 Acrolein, CAS: 107-02-8

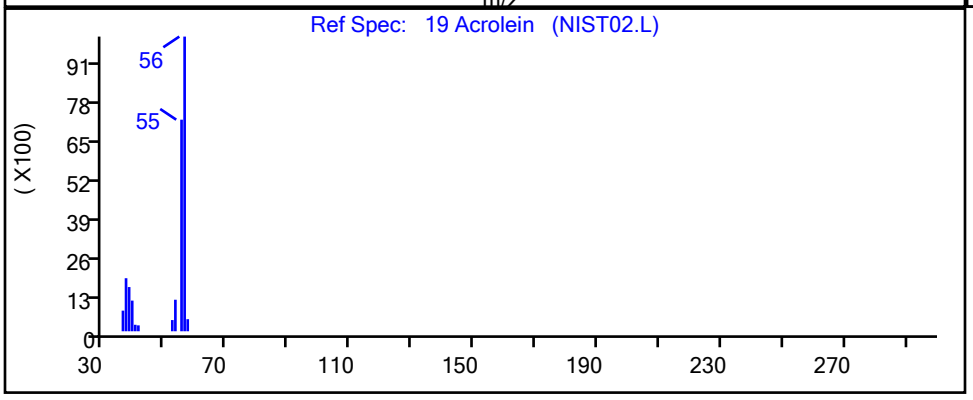
Processing Results











RT	Mass	Response	Amount
2.22	56.00	951	1.524463
2.22	55.00	523	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

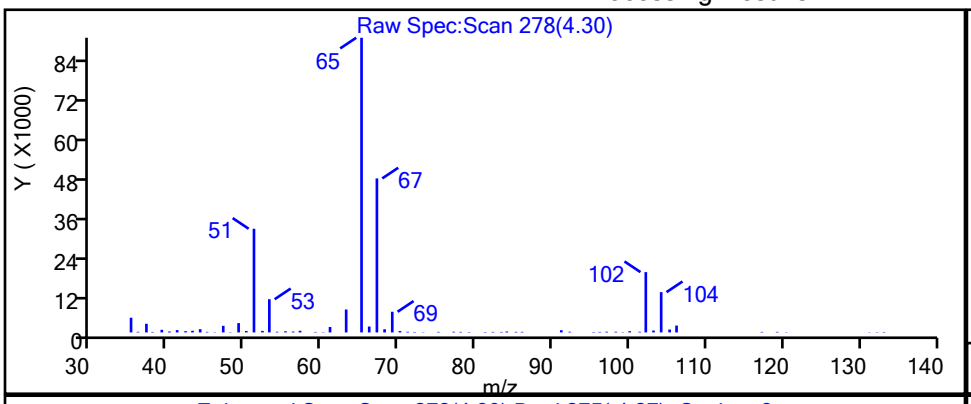
User Disabled Compound Report

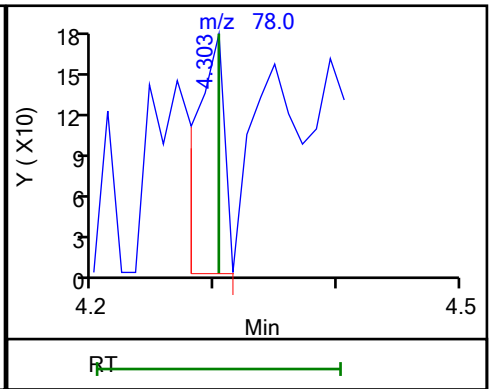
Eurofins Edison

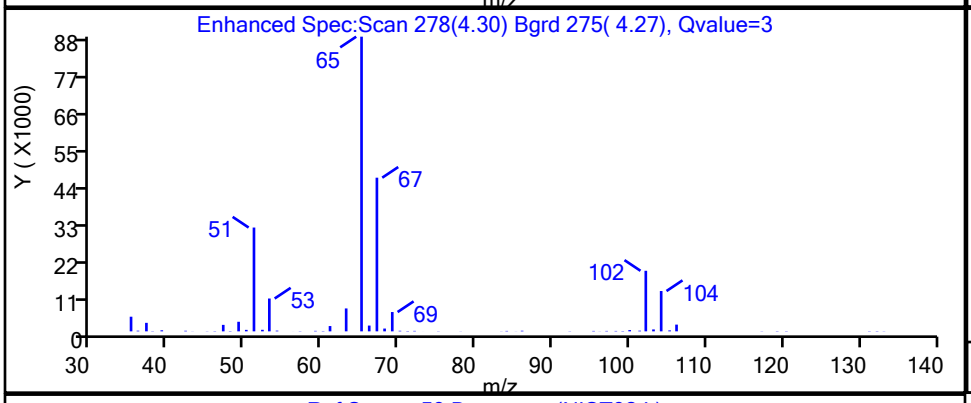
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

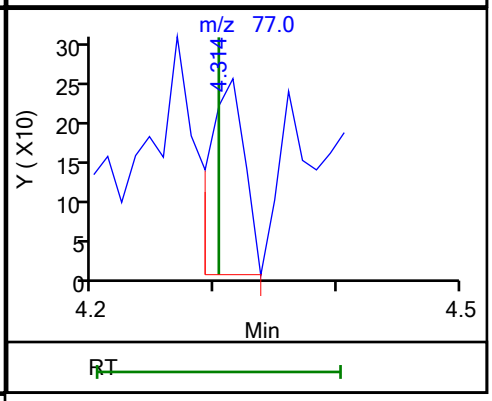
59 Benzene, CAS: 71-43-2

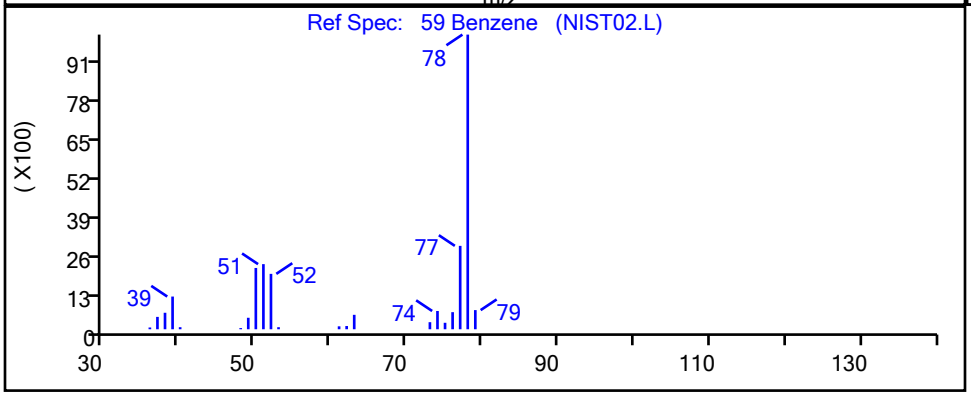
Processing Results











RT	Mass	Response	Amount
4.30	78.00	280	0.020920
4.31	77.00	500	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

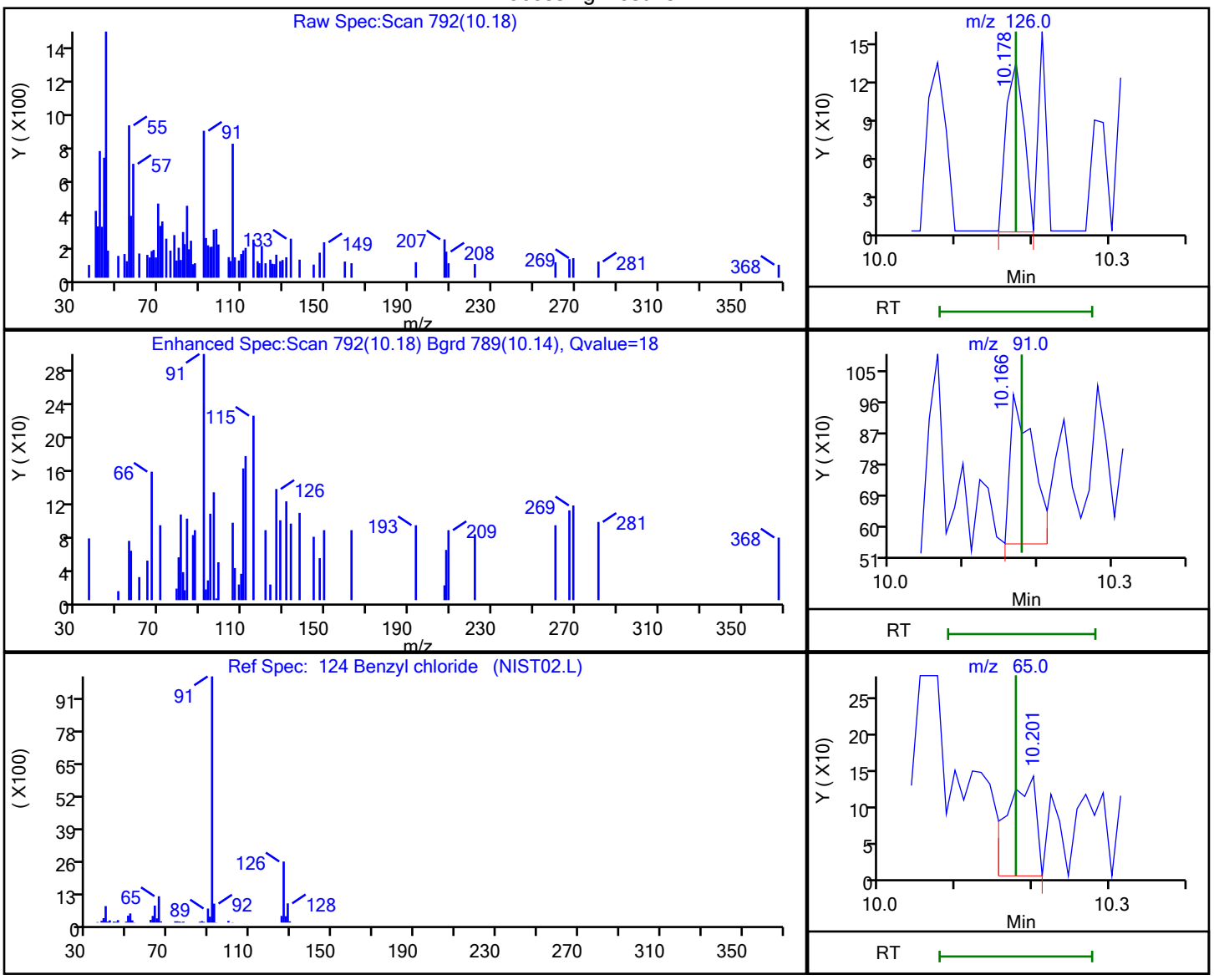
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.18	126.00	218	0.111310
10.17	91.00	927	
10.20	65.00	359	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

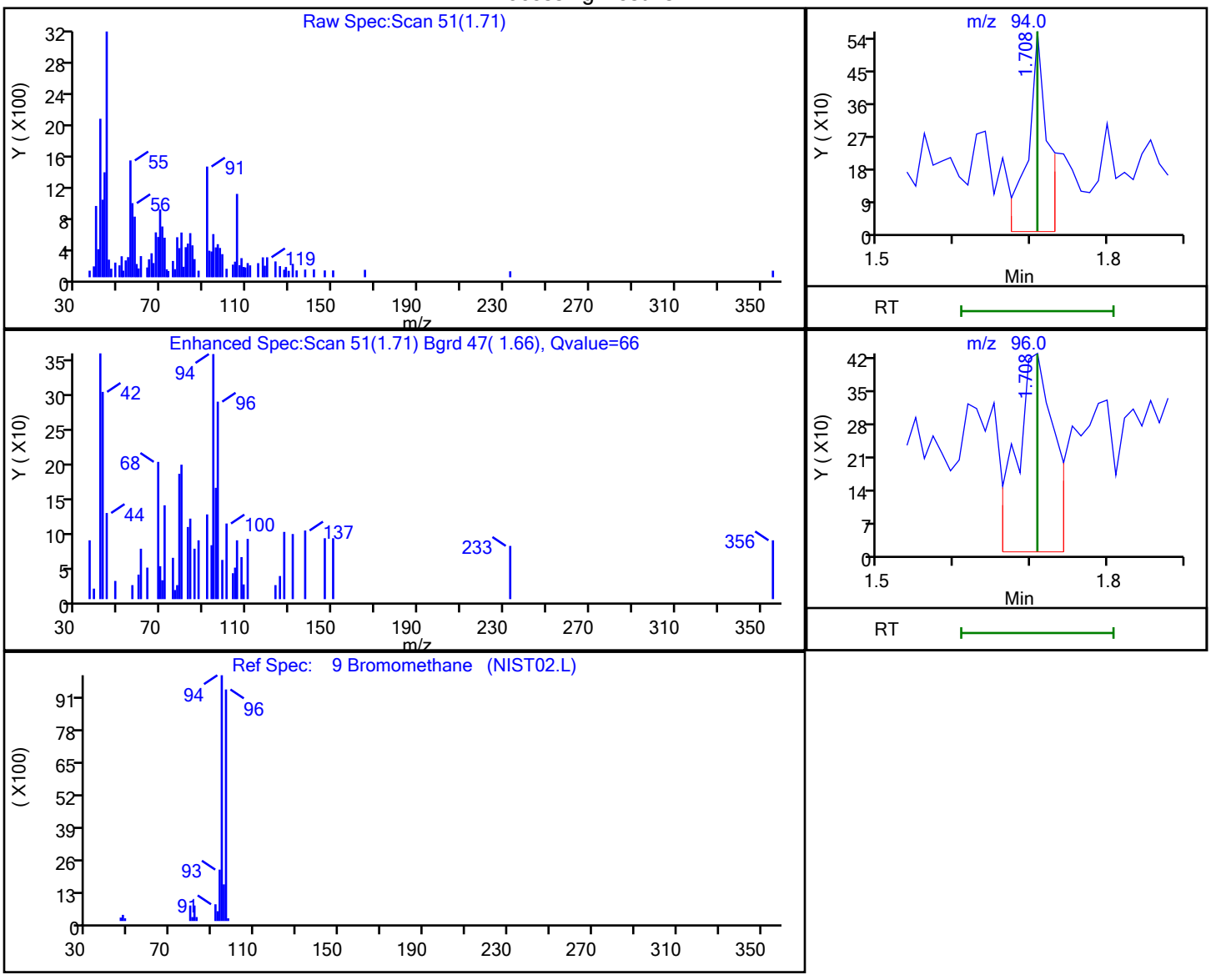
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.71	94.00	991	0.262711
1.71	96.00	1463	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

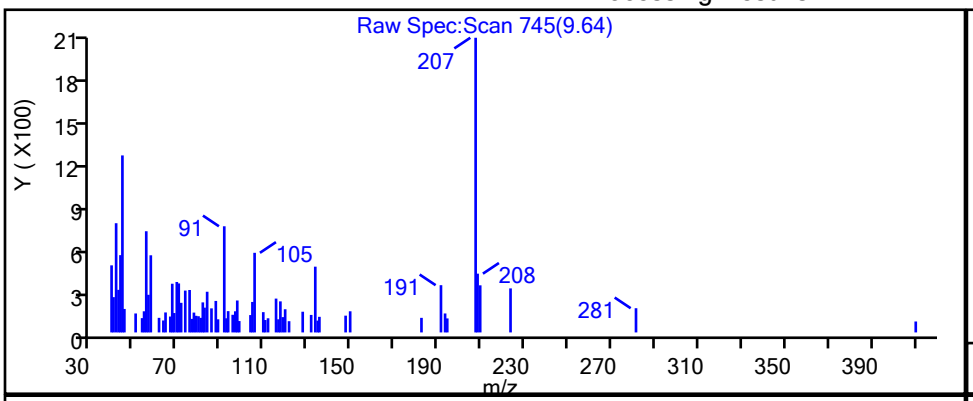
User Disabled Compound Report

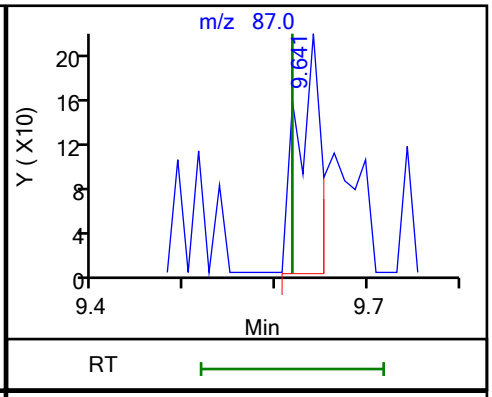
Eurofins Edison

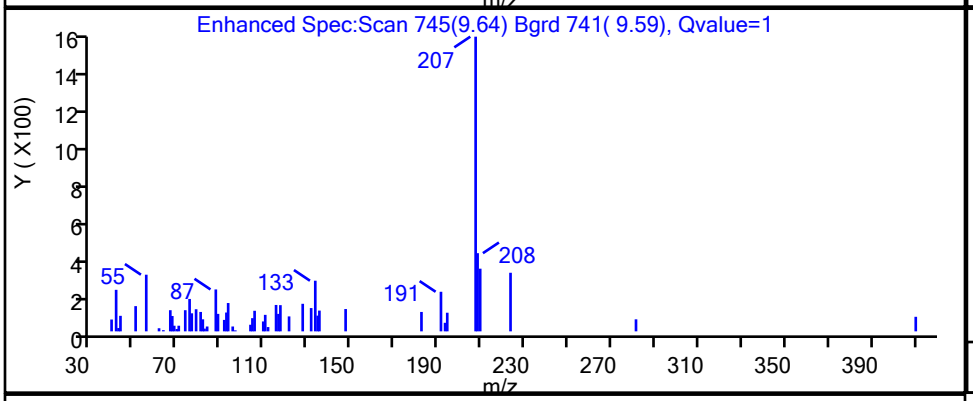
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

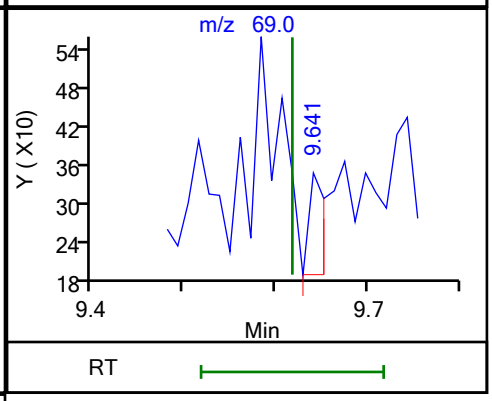
115 Butyl Methacrylate, CAS: 97-88-1

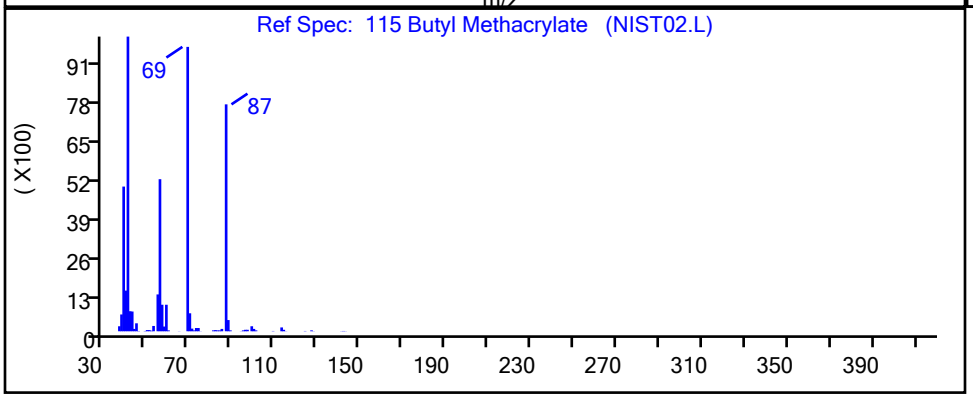
Processing Results











RT	Mass	Response	Amount
9.64	87.00	374	0.082626
9.64	69.00	192	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

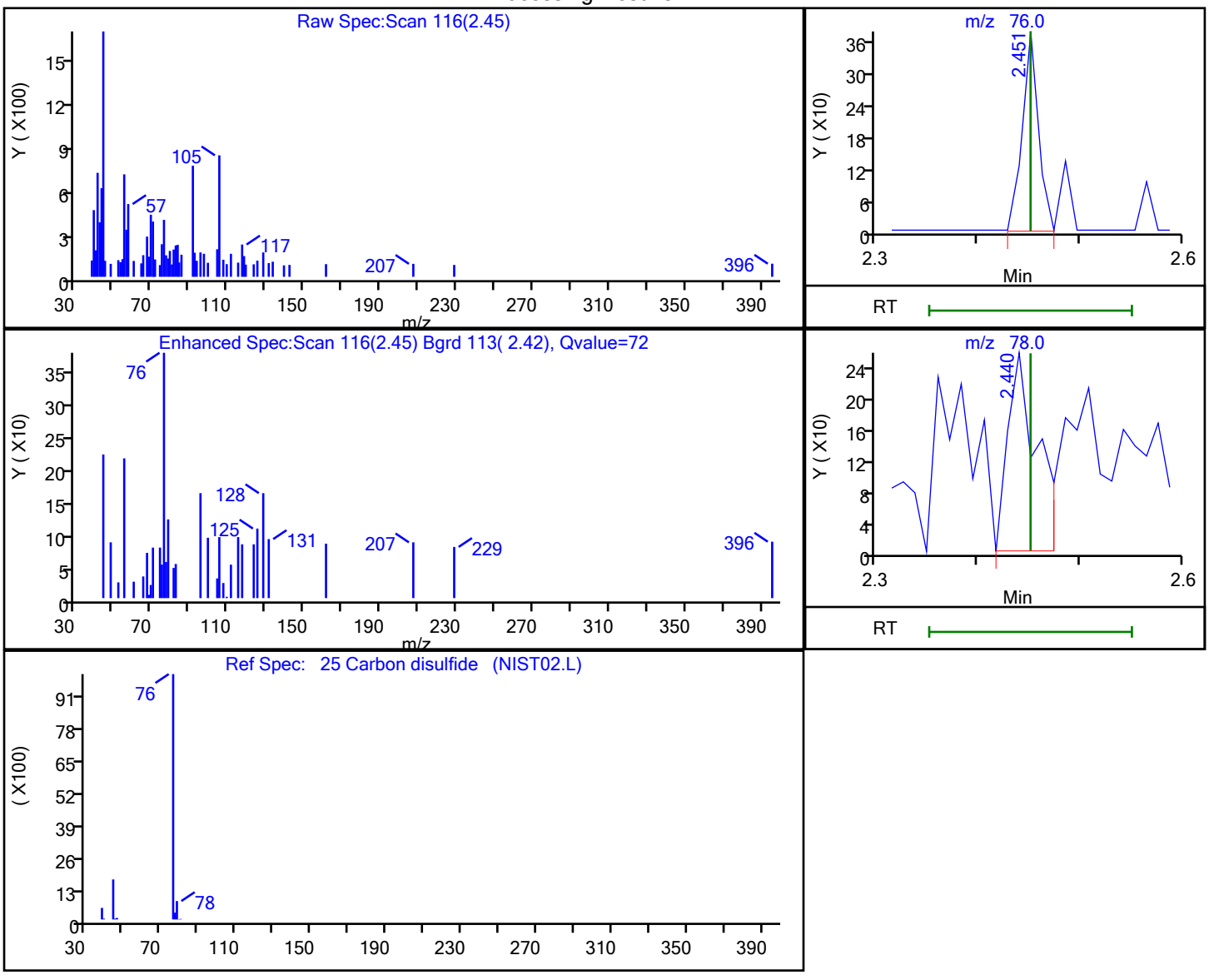
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.45	76.00	411	0.042416
2.44	78.00	521	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

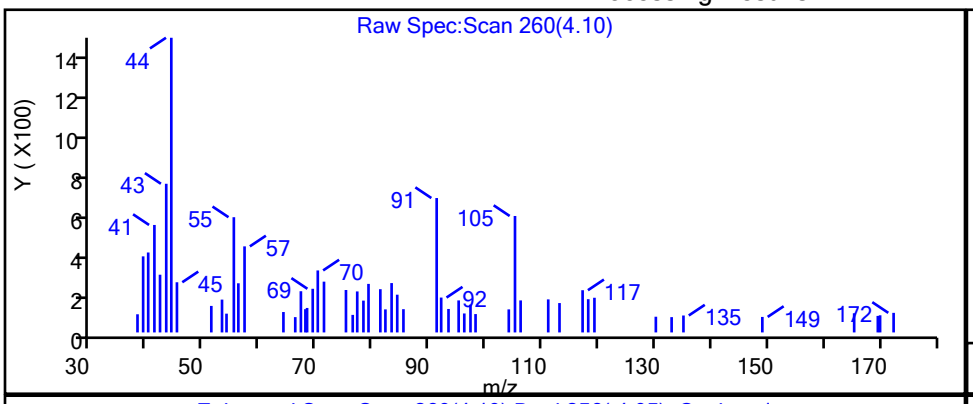
User Disabled Compound Report

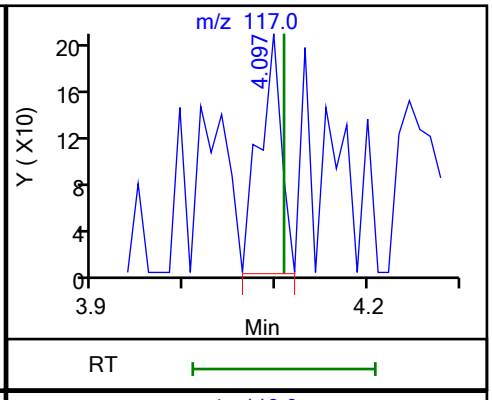
Eurofins Edison

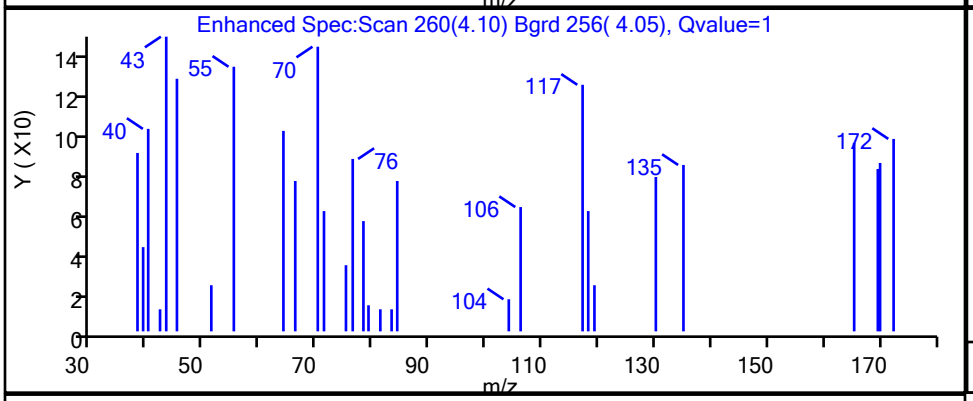
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

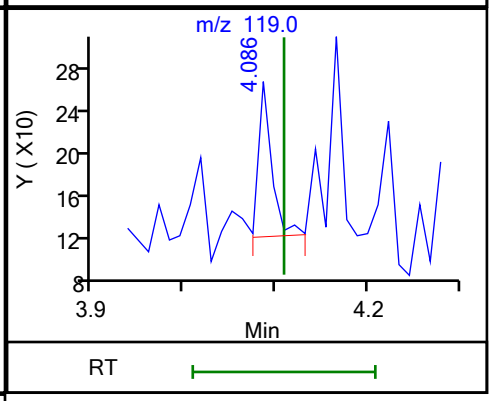
56 Carbon tetrachloride, CAS: 56-23-5

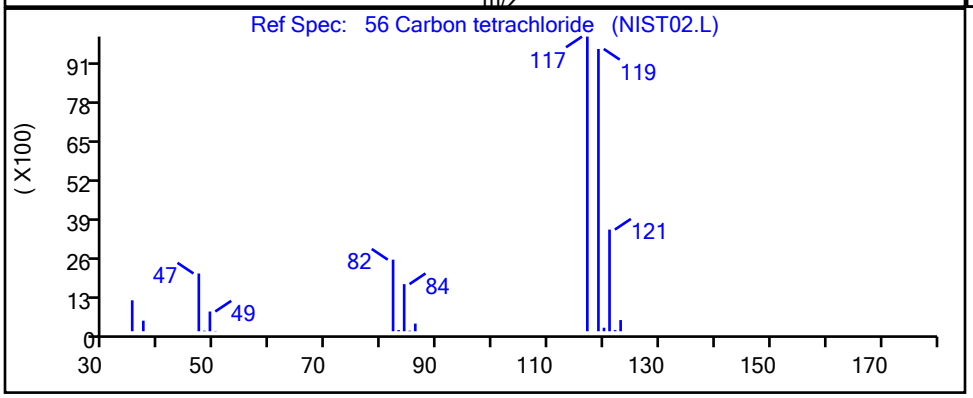
Processing Results











RT	Mass	Response	Amount
4.10	117.00	346	0.061968
4.09	119.00	143	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

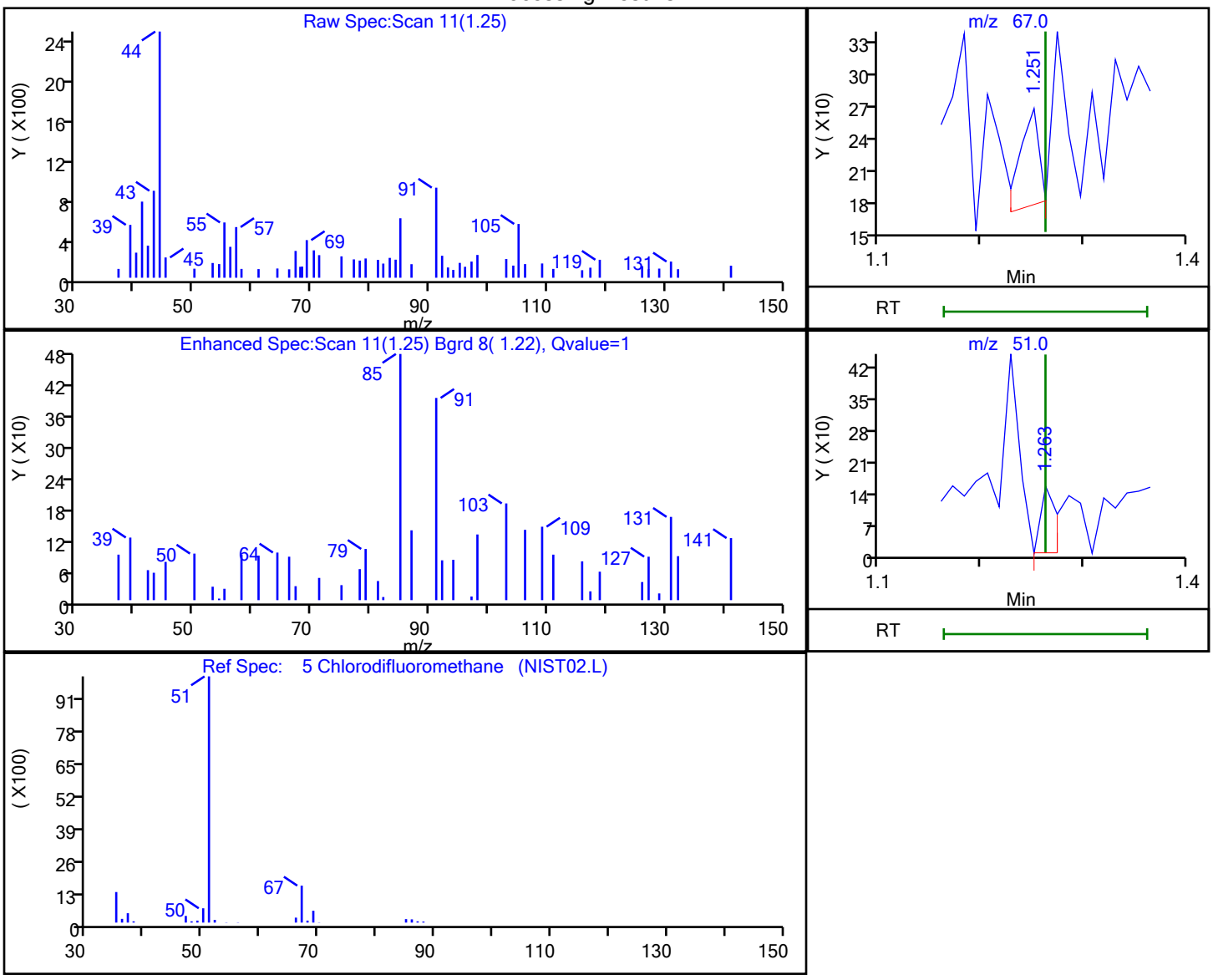
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.25	67.00	116	-0.479849
1.26	51.00	164	

Reviewer: NN6A, 12-Aug-2025 08:50:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

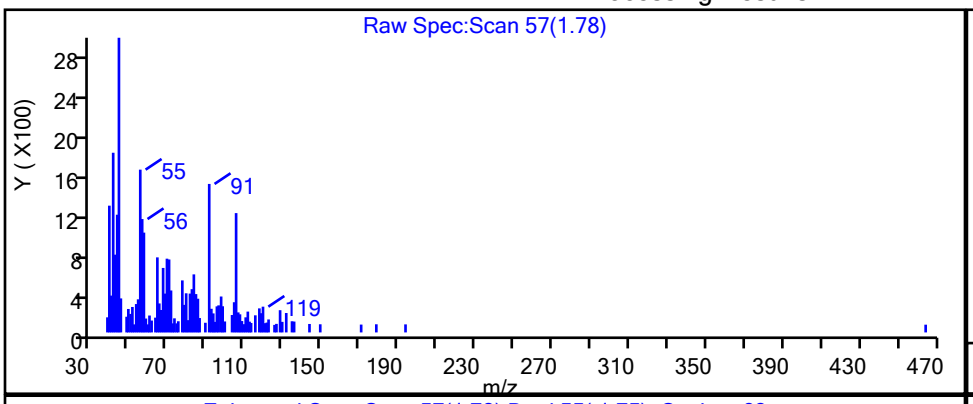
User Disabled Compound Report

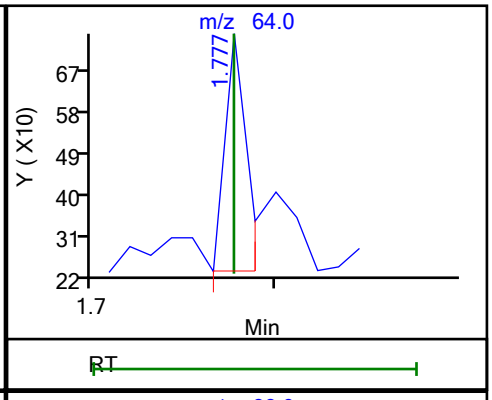
Eurofins Edison

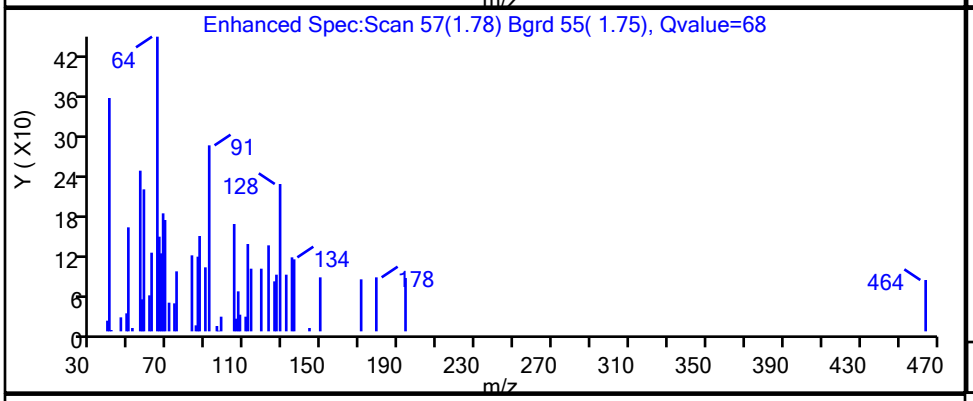
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

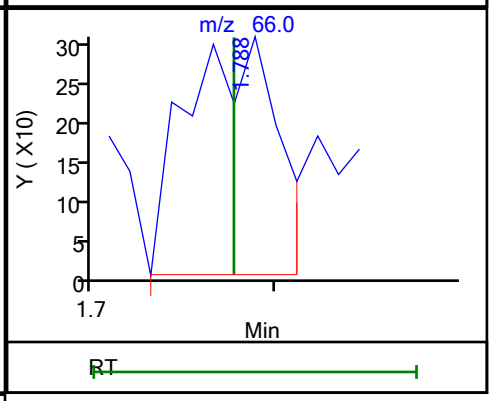
10 Chloroethane, CAS: 75-00-3

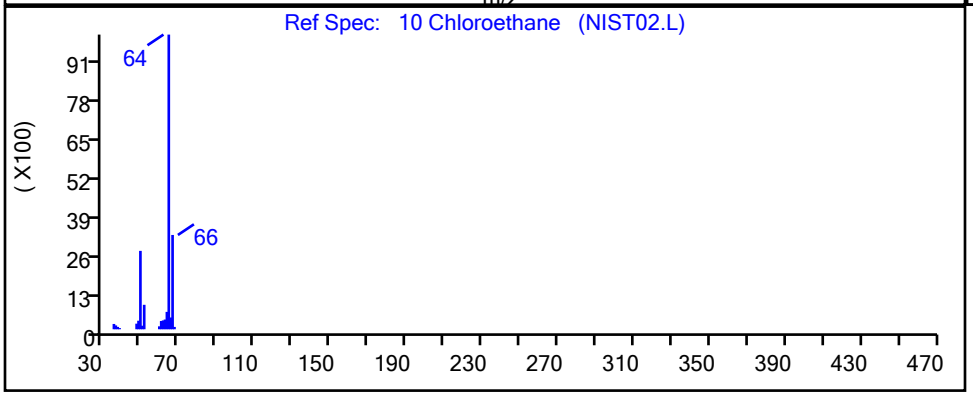
Processing Results











RT	Mass	Response	Amount
1.78	64.00	428	0.231032
1.79	66.00	1085	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

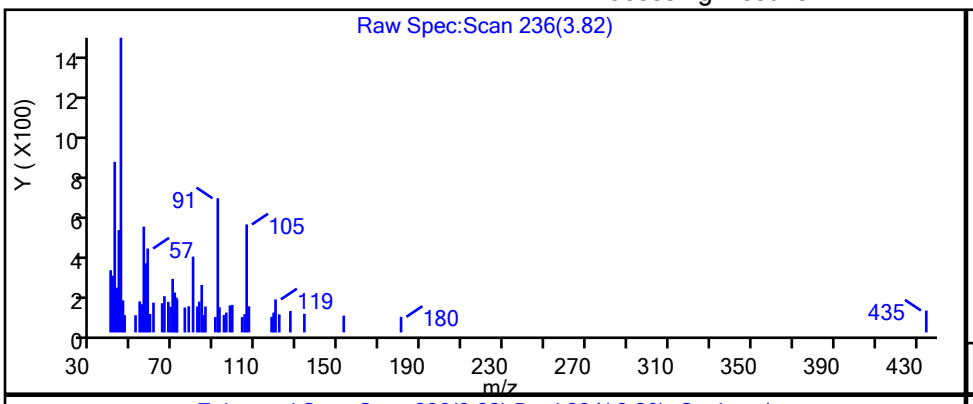
User Disabled Compound Report

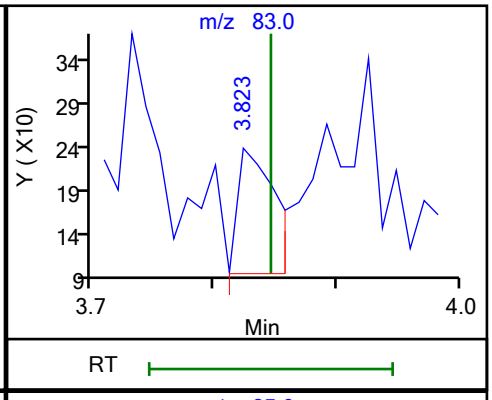
Eurofins Edison

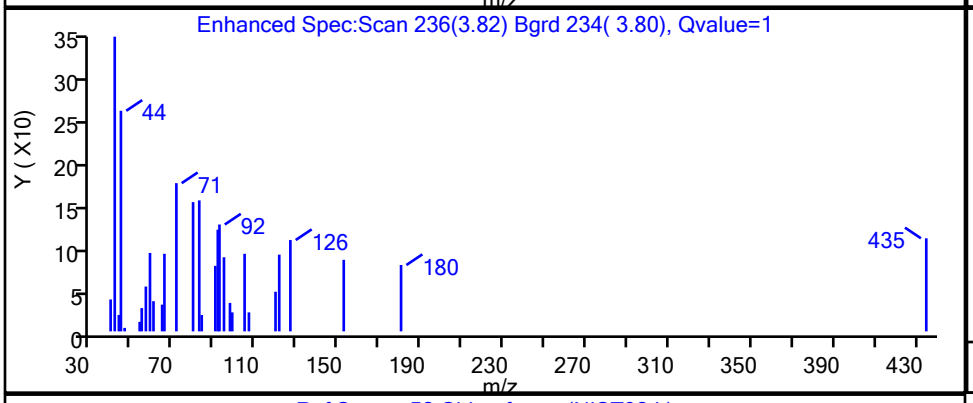
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

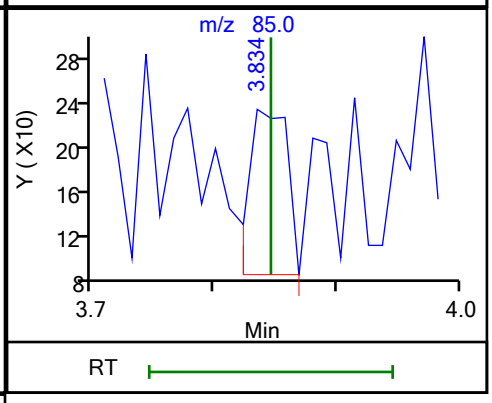
52 Chloroform, CAS: 67-66-3

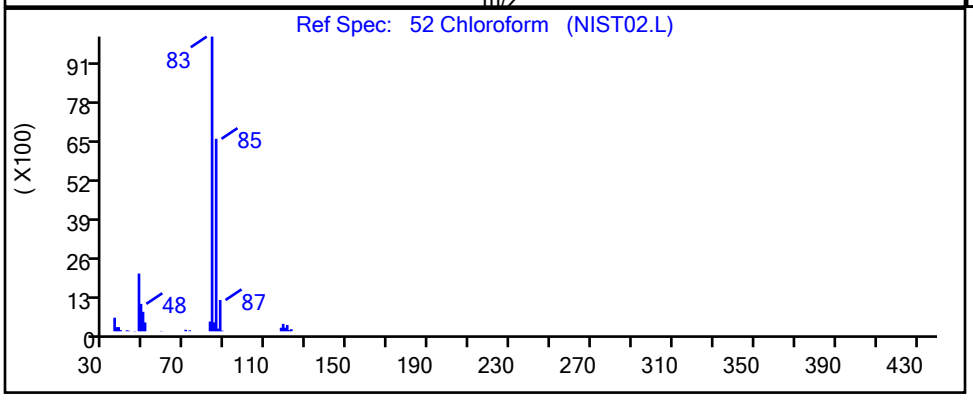
Processing Results











RT	Mass	Response	Amount
3.82	83.00	296	0.051128
3.83	85.00	316	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

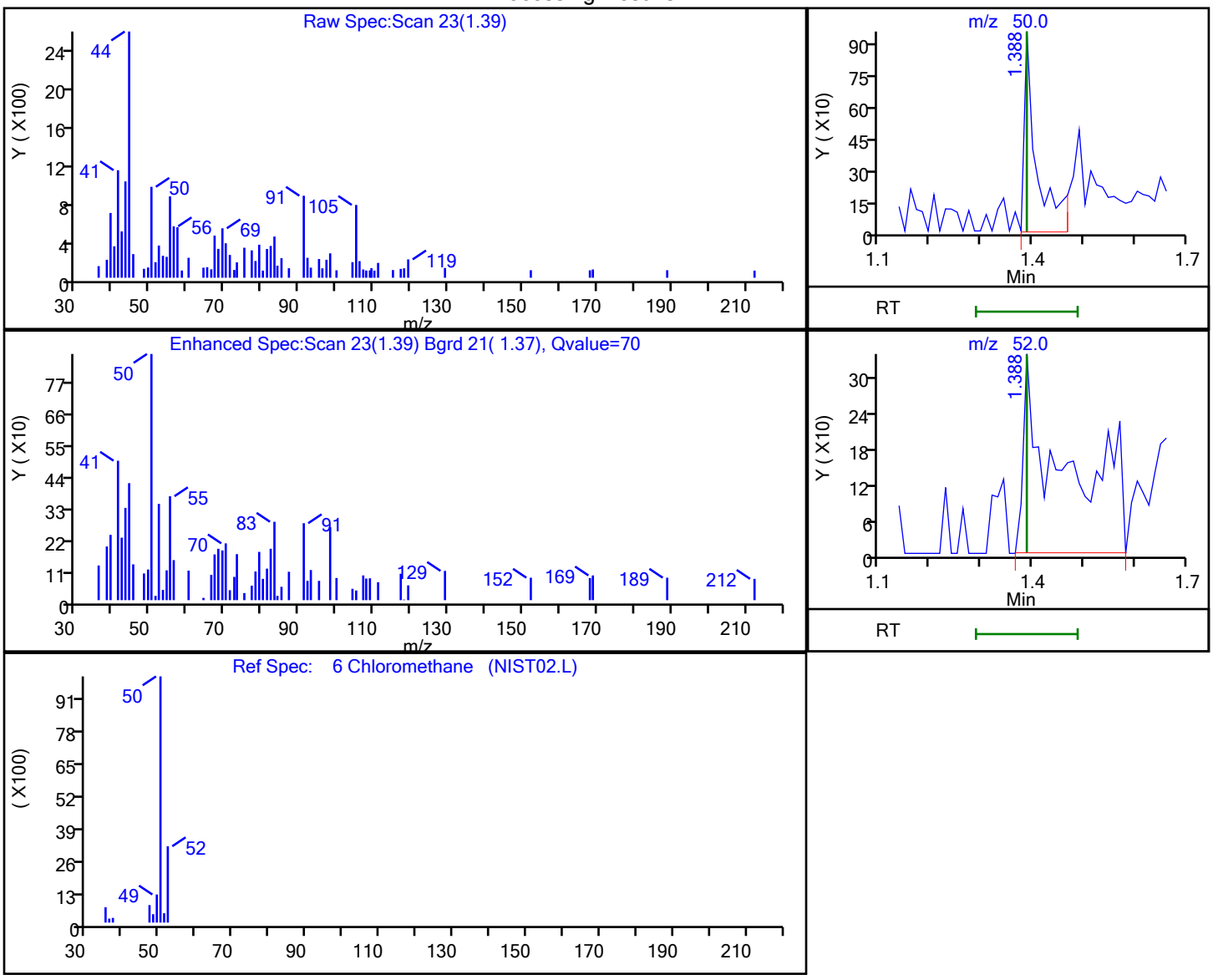
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.39	50.00	1600	0.270783
1.39	52.00	1917	

Reviewer: NN6A, 12-Aug-2025 08:50:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

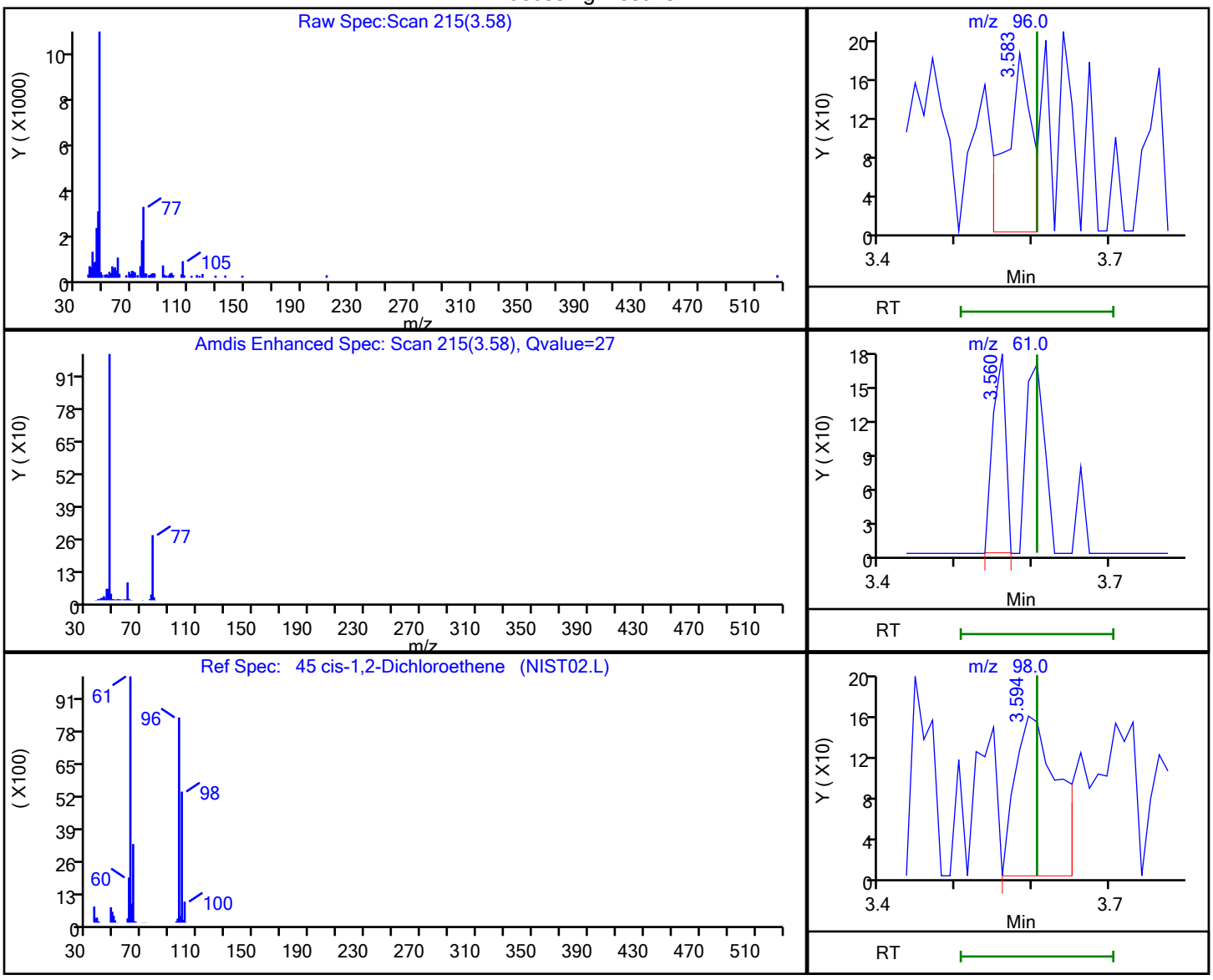
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D				
Injection Date:	12-Aug-2025 08:06:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.58	96.00	426	0.103294
3.56	61.00	210	
3.59	98.00	617	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

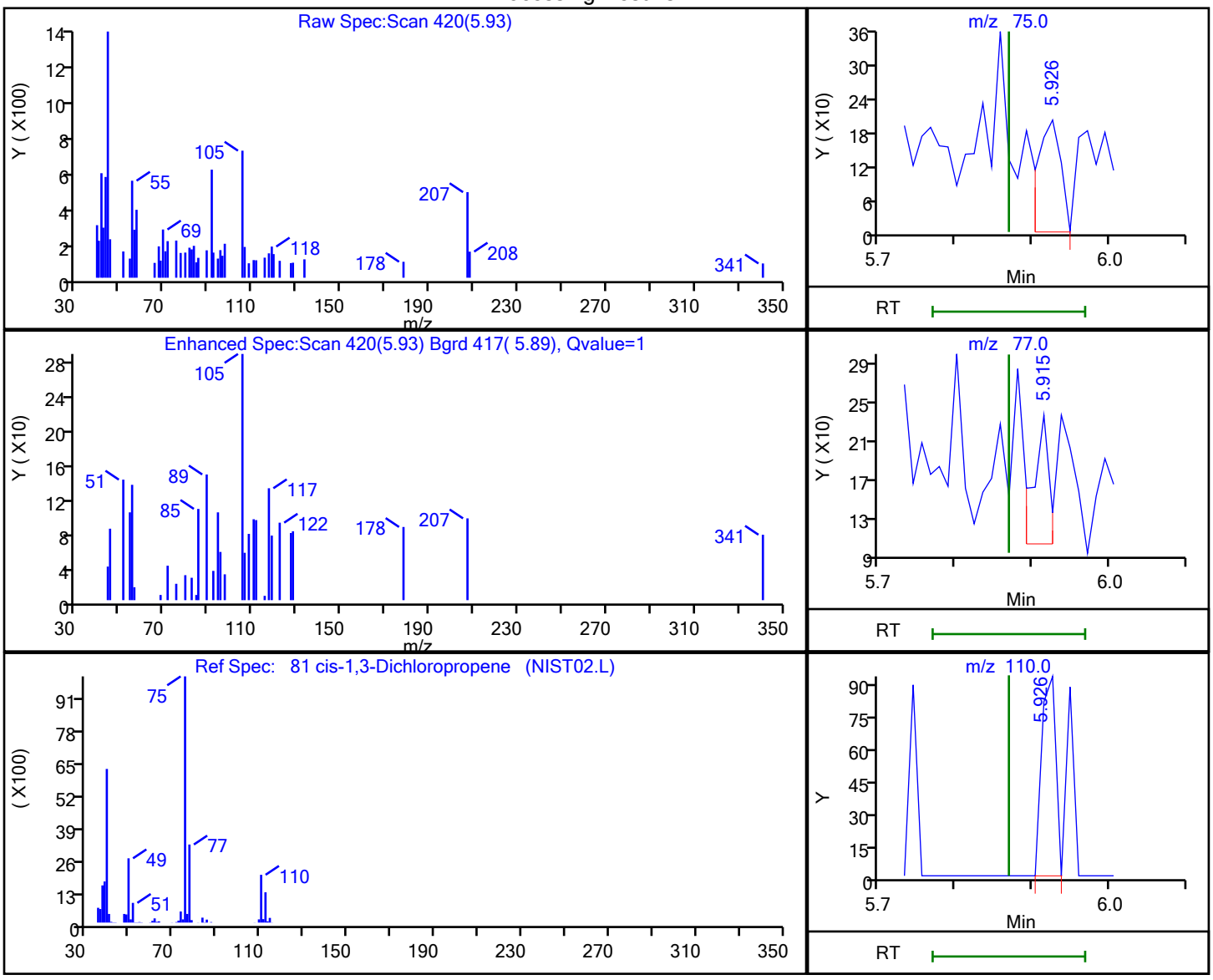
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.93	75.00	409	0.065603
5.91	77.00	188	
5.93	110.00	121	

Reviewer: NN6A, 12-Aug-2025 08:51:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

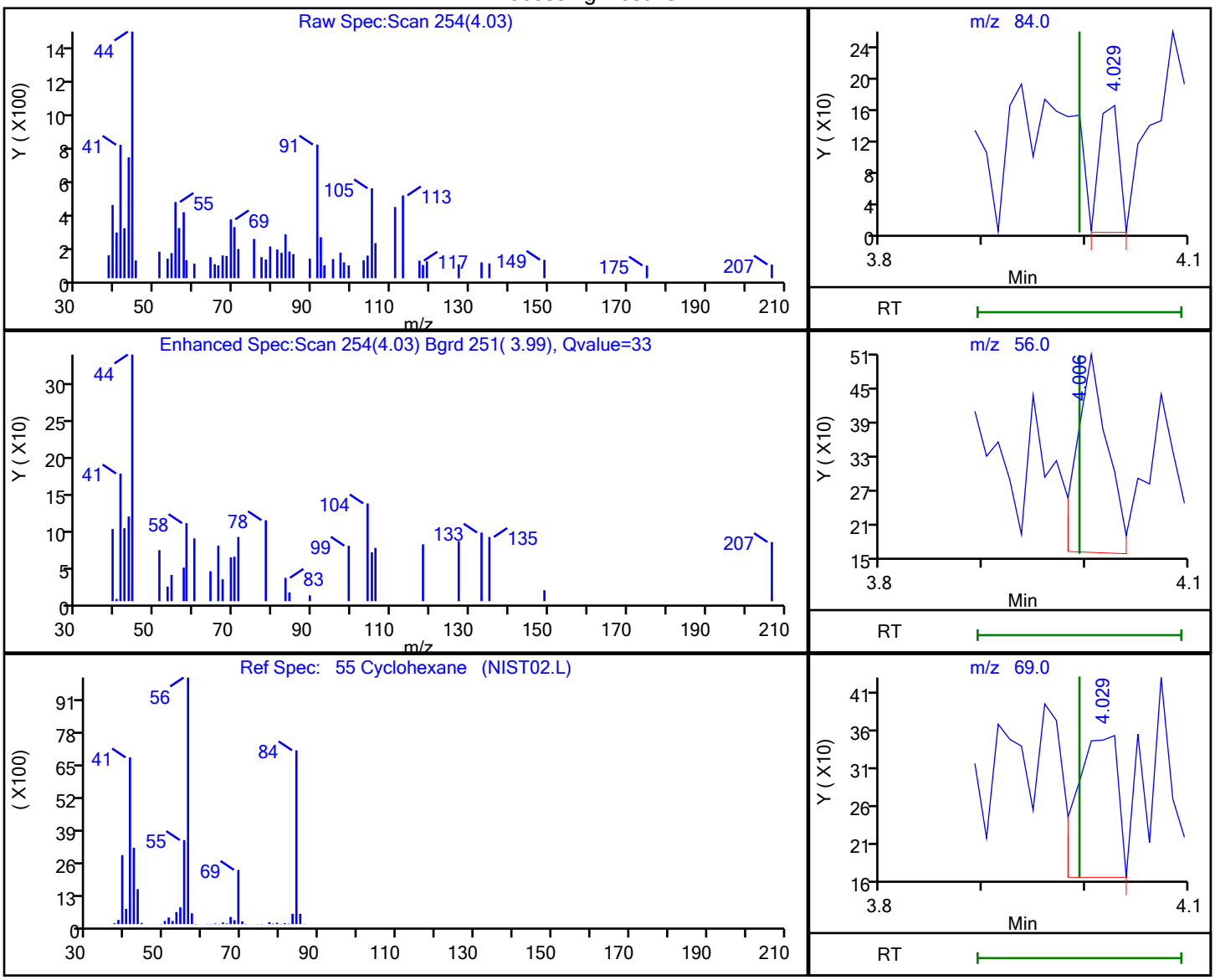
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.03	84.00	210	0.045337
4.01	56.00	728	
4.03	69.00	520	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

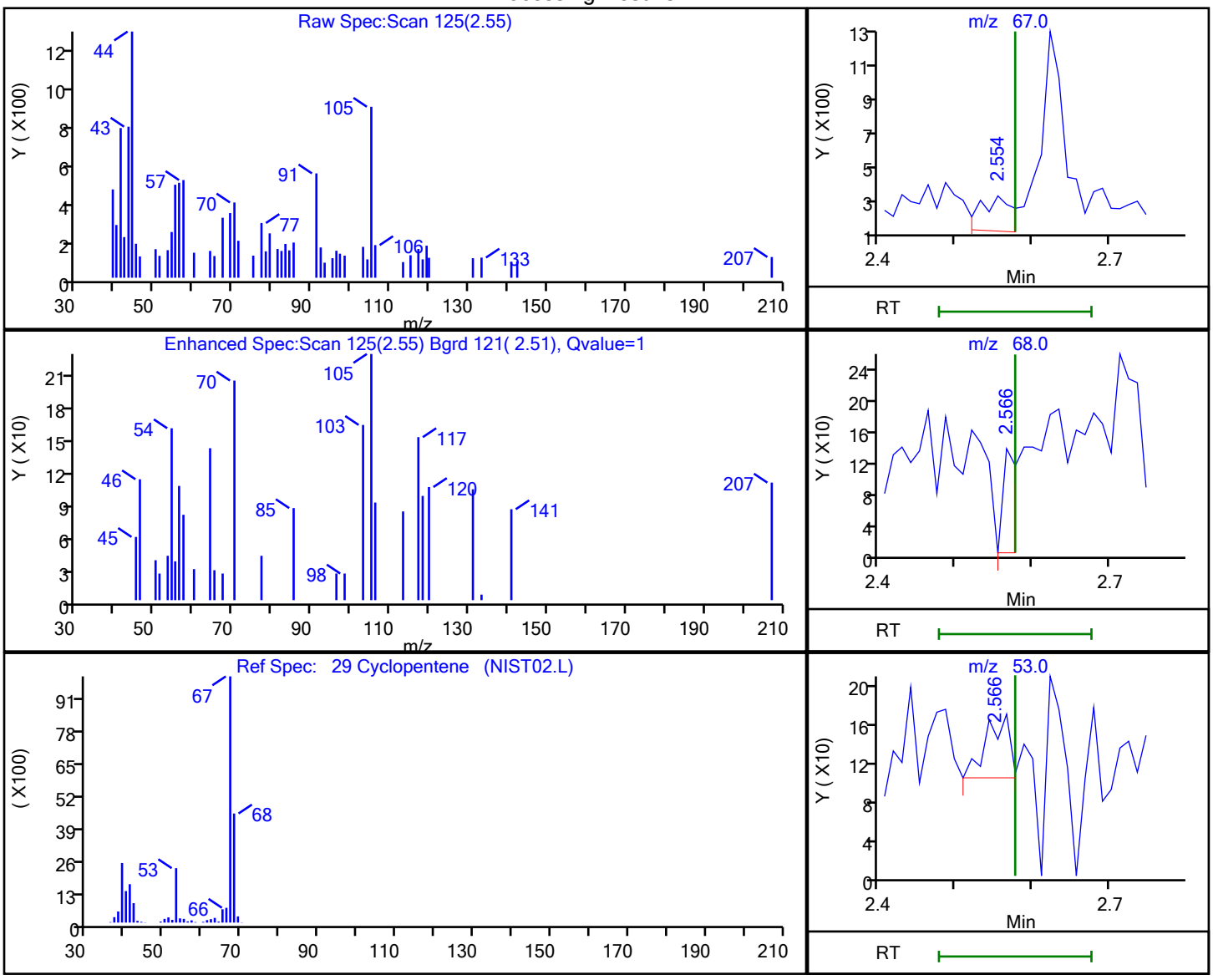
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.55	67.00	546	0.071163
2.57	68.00	170	
2.57	53.00	139	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

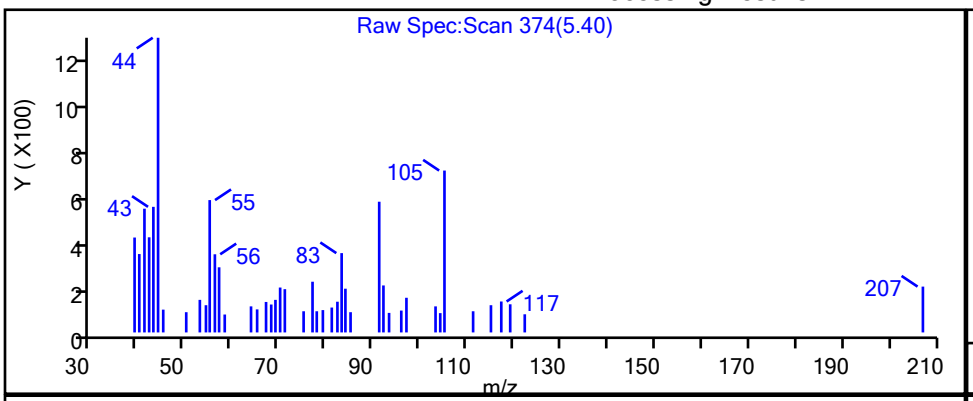
User Disabled Compound Report

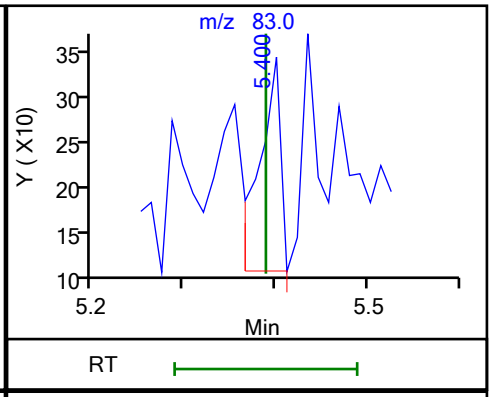
Eurofins Edison

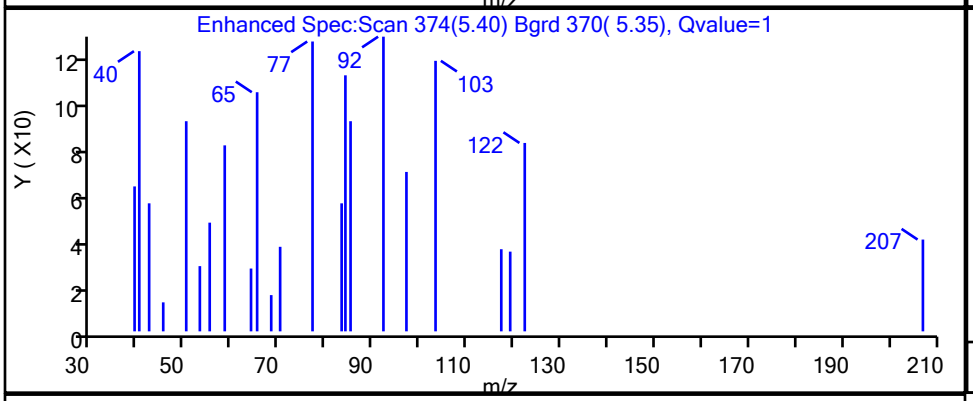
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

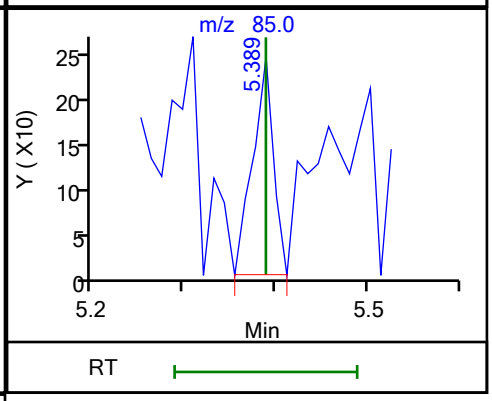
77 Dichlorobromomethane, CAS: 75-27-4

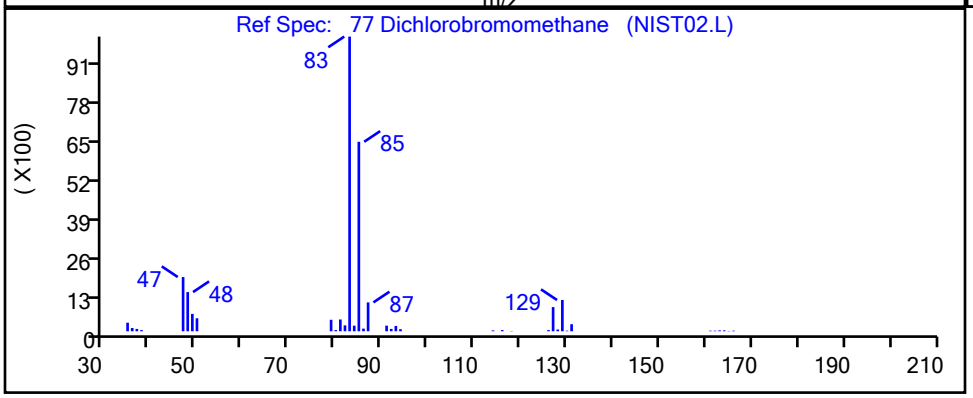
Processing Results











RT	Mass	Response	Amount
5.40	83.00	390	0.081398
5.39	85.00	380	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

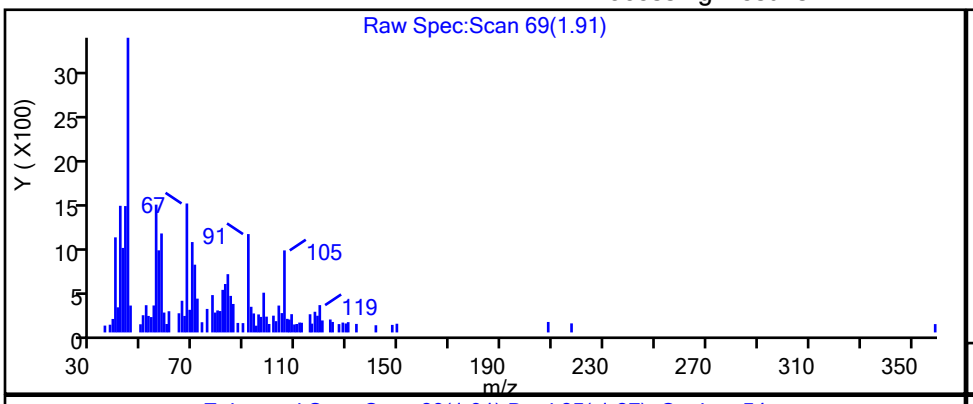
User Disabled Compound Report

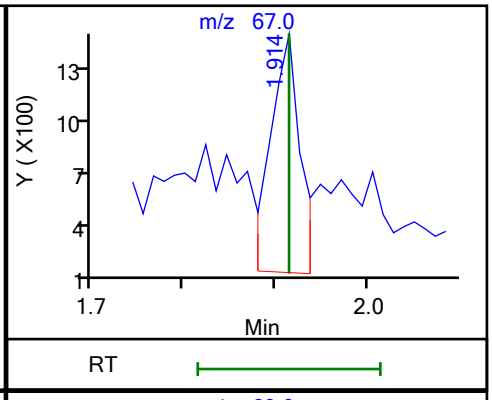
Eurofins Edison

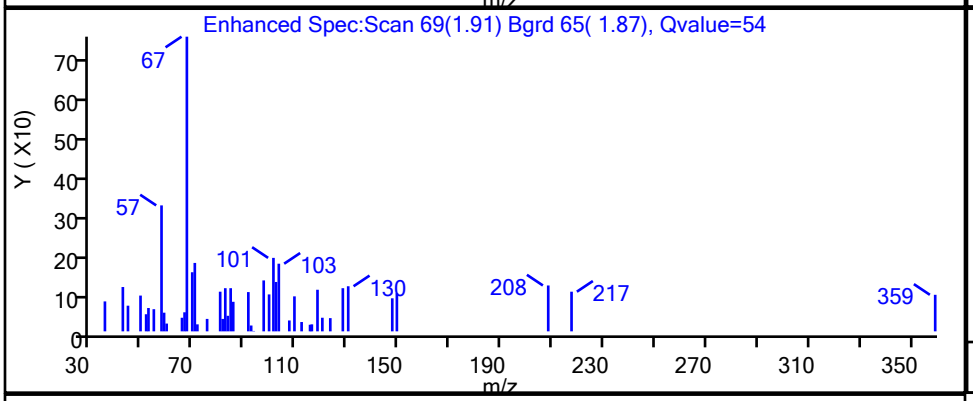
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

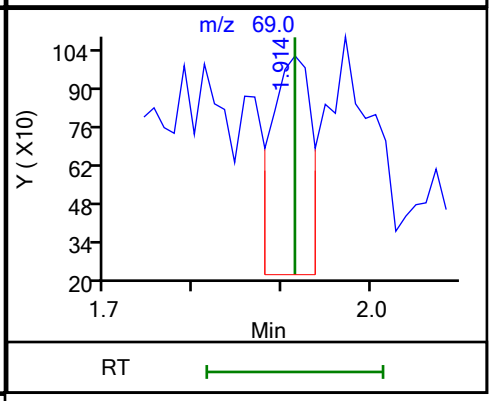
11 Dichlorofluoromethane, CAS: 75-43-4

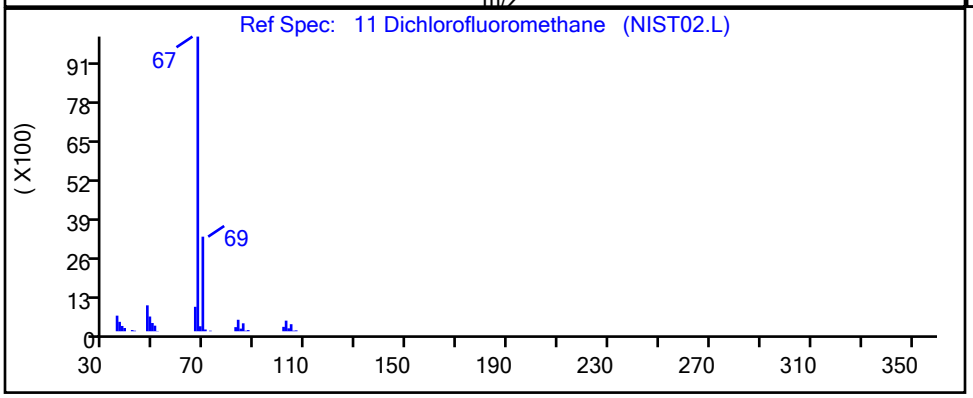
Processing Results











RT	Mass	Response	Amount
1.91	67.00	3032	0.250000
1.91	69.00	2660	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

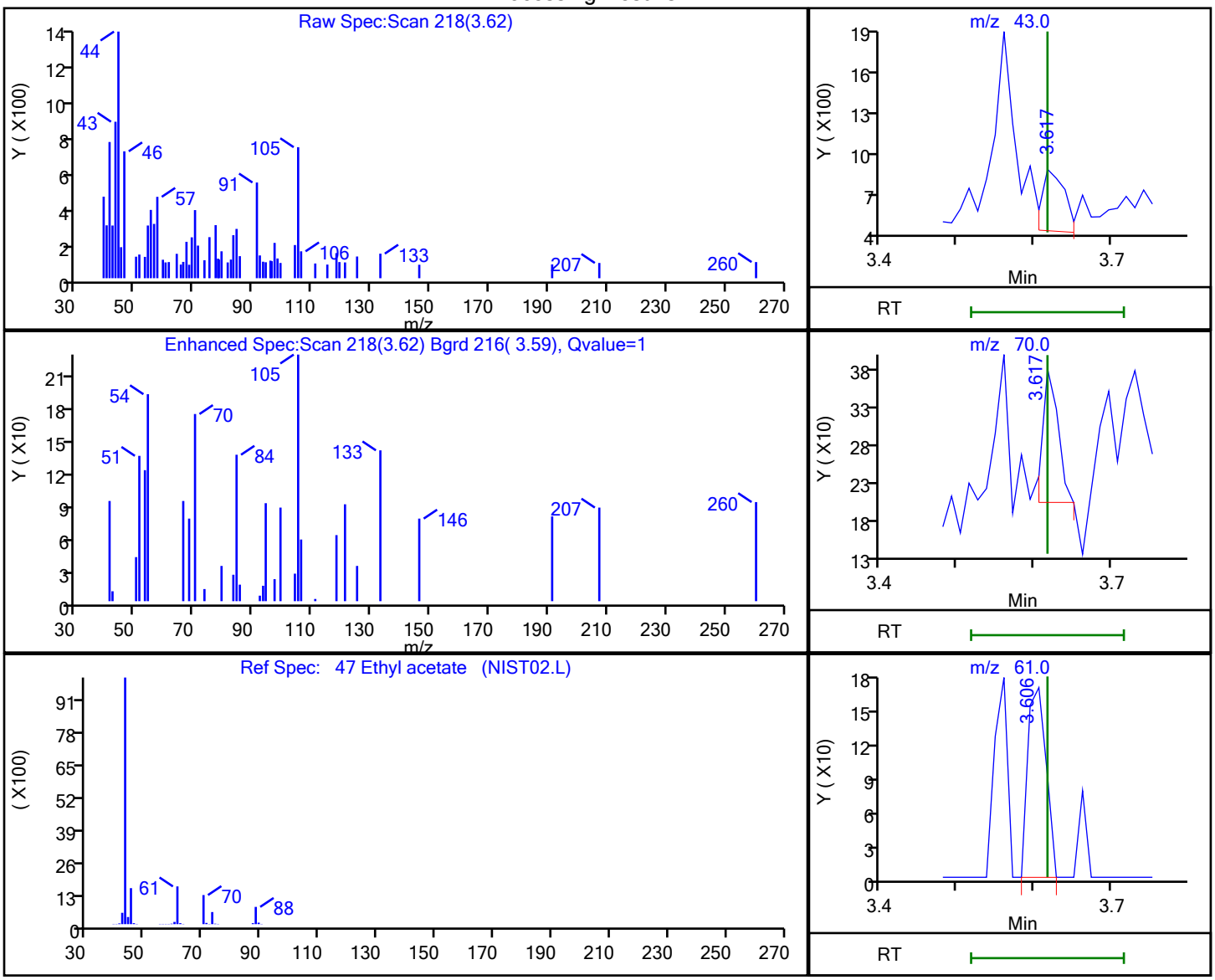
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.62	43.00	919	0.121978
3.62	70.00	246	
3.61	61.00	285	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

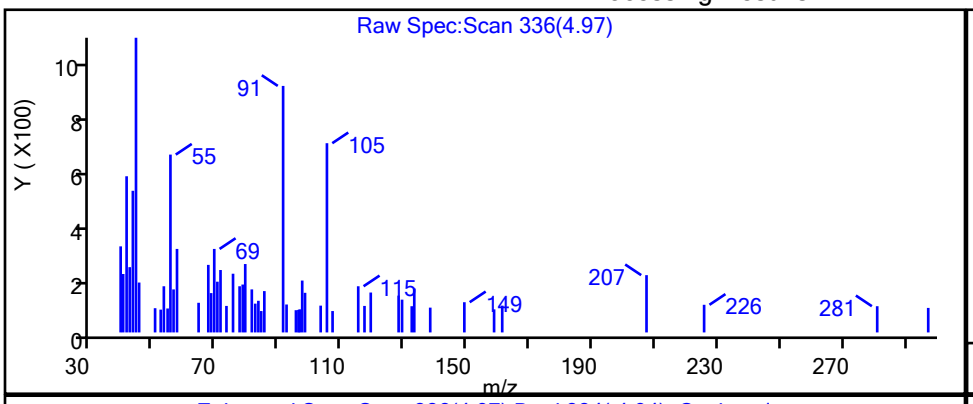
User Disabled Compound Report

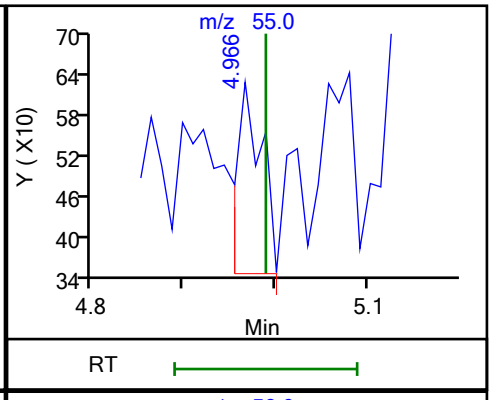
Eurofins Edison

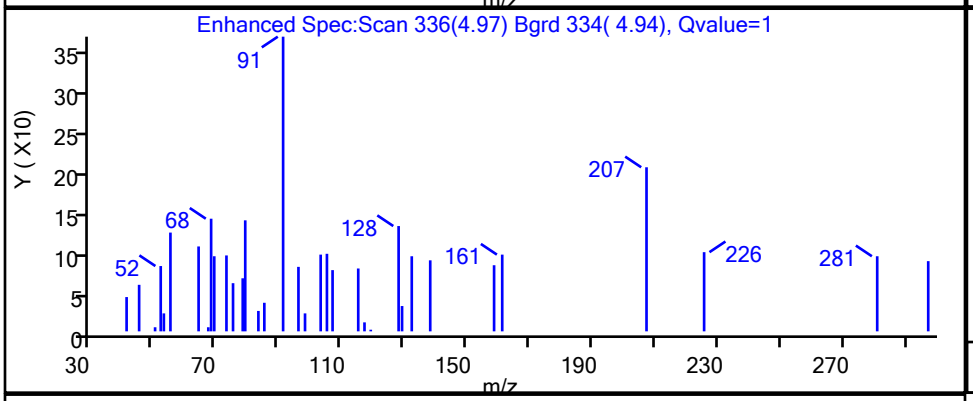
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

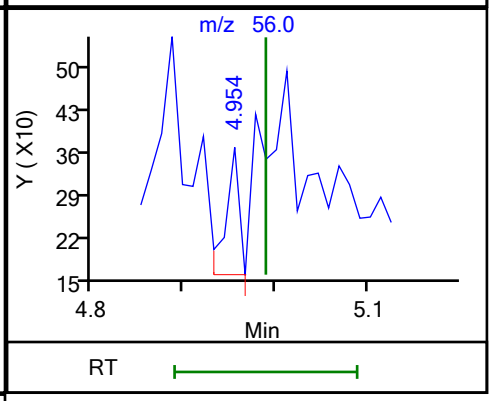
69 Ethyl acrylate, CAS: 140-88-5

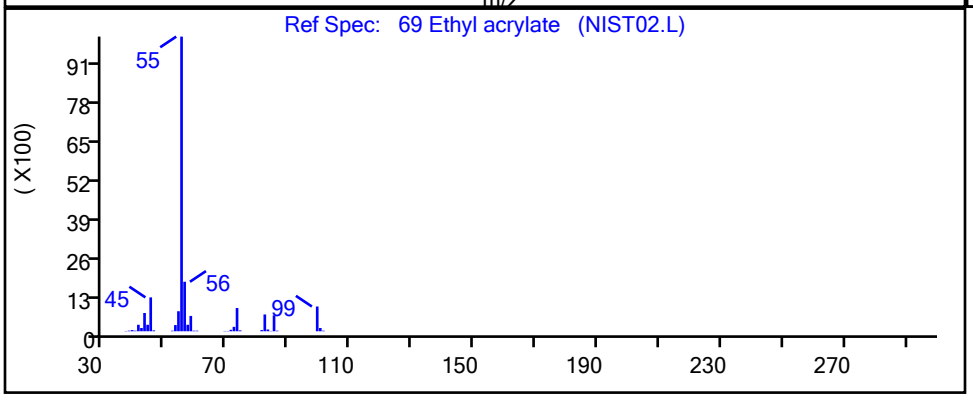
Processing Results











RT	Mass	Response	Amount
4.97	55.00	527	0.103137
4.95	56.00	219	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

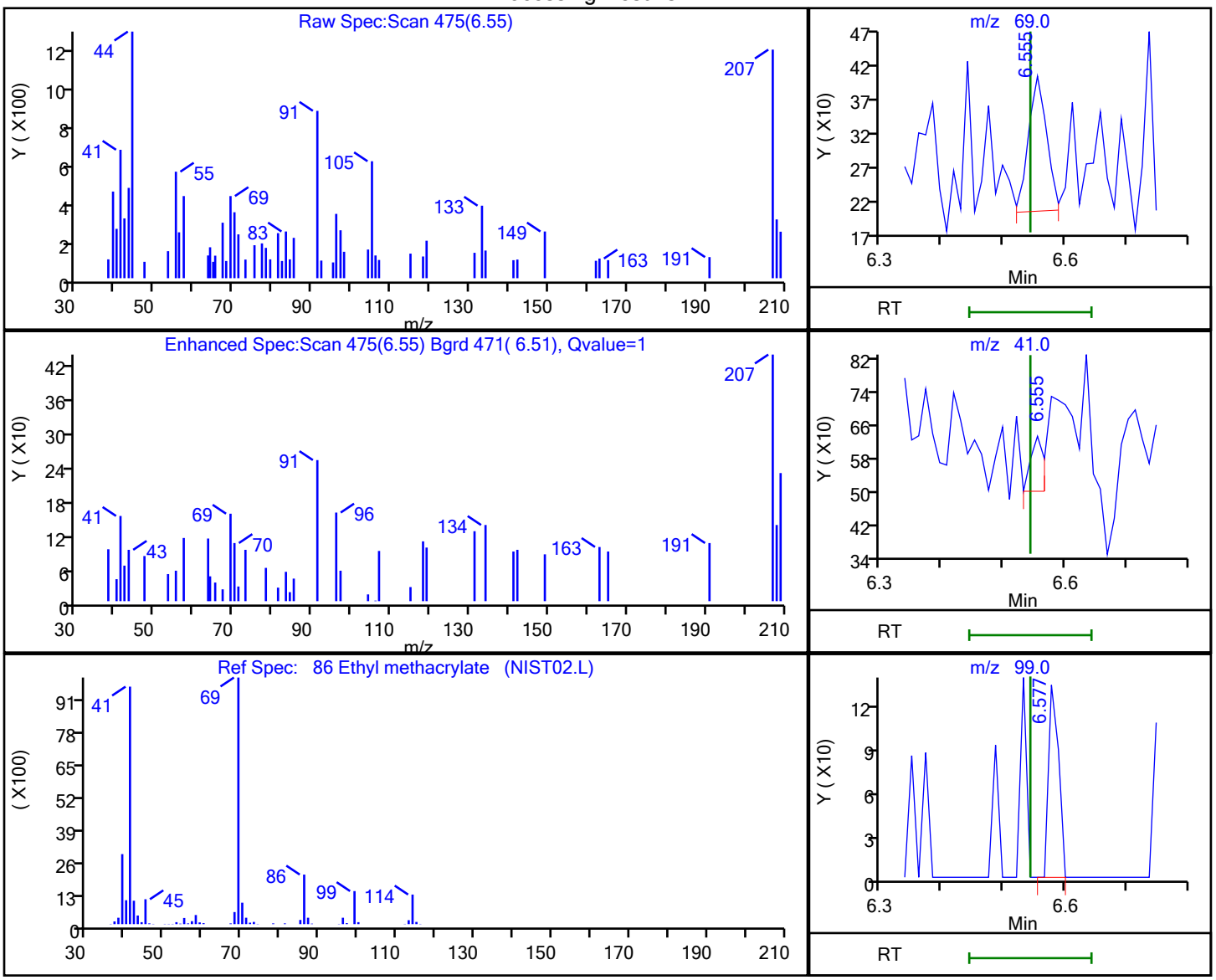
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.55	69.00	420	0.093430
6.55	41.00	195	
6.58	99.00	146	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

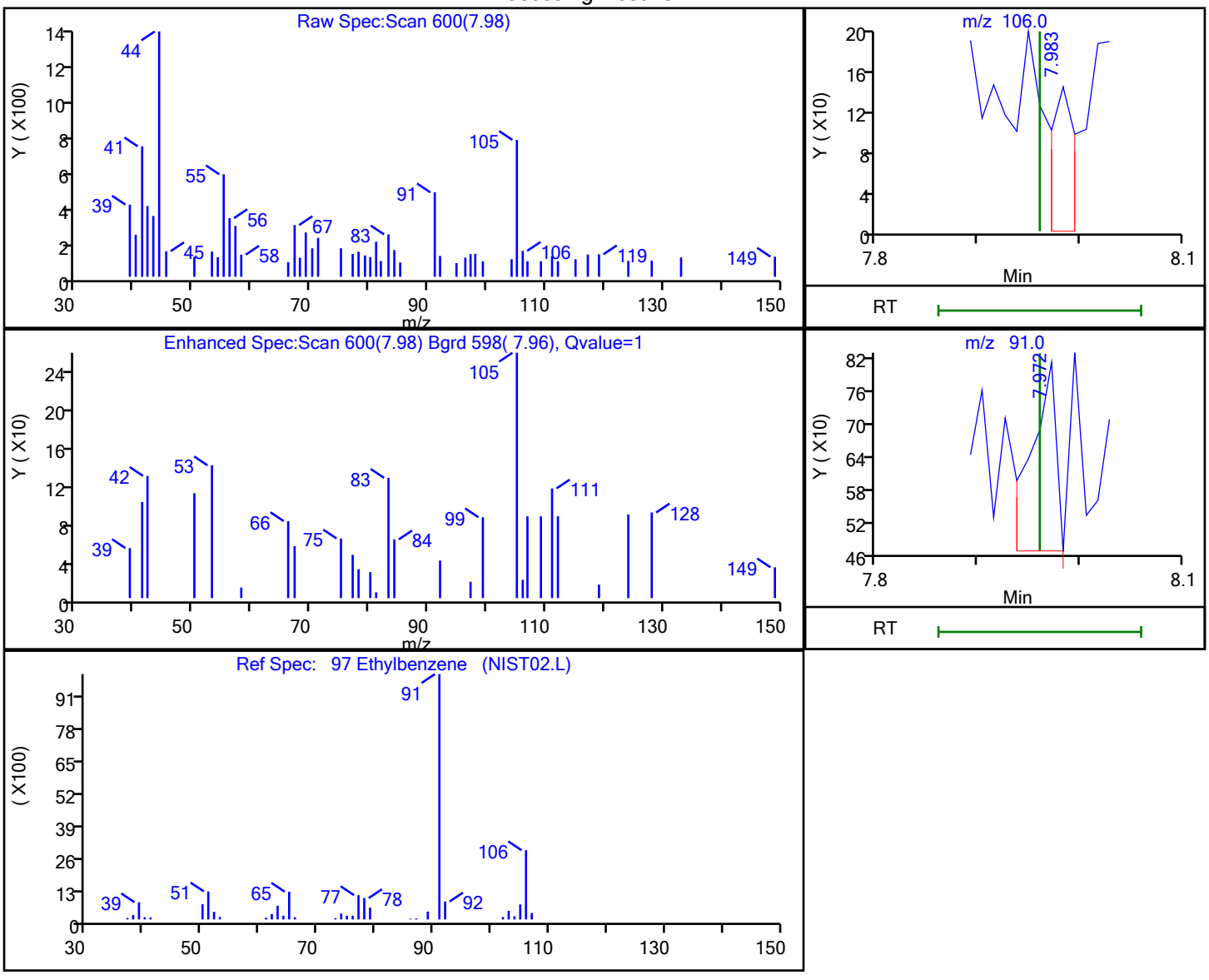
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.98	106.00	230	0.039274
7.97	91.00	593	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

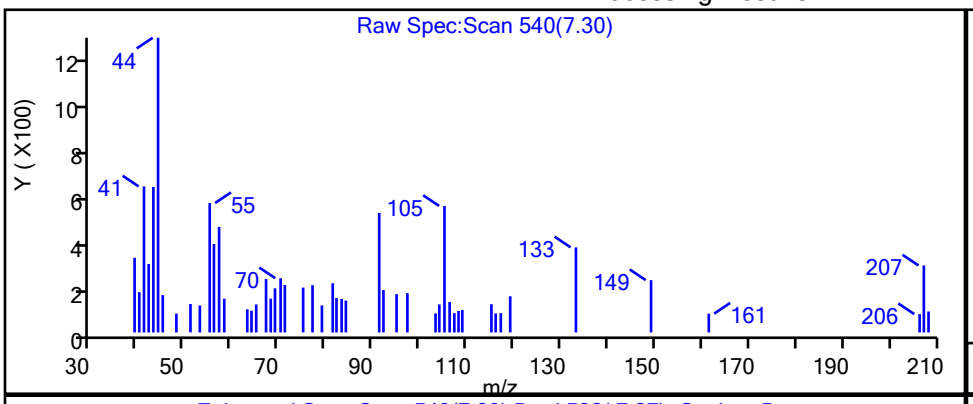
User Disabled Compound Report

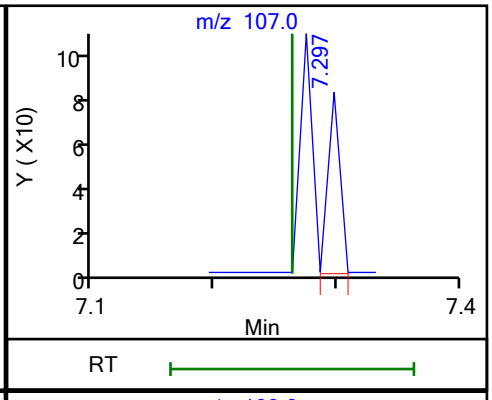
Eurofins Edison

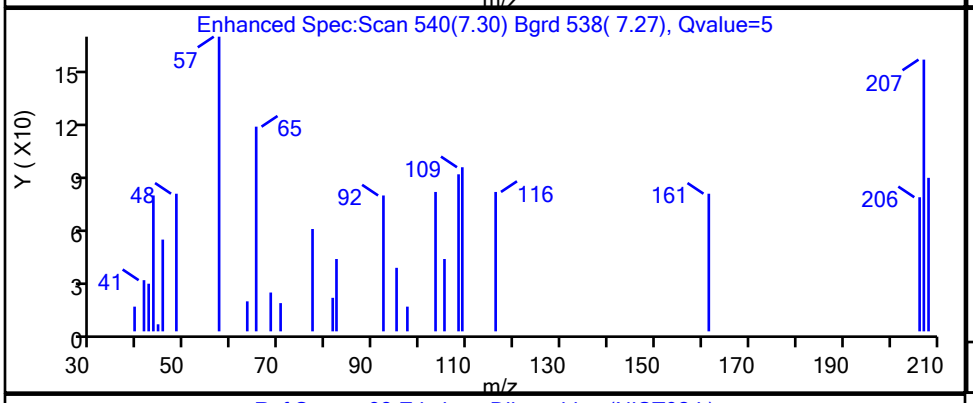
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

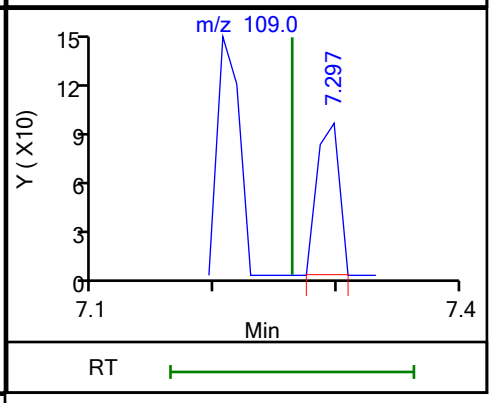
93 Ethylene Dibromide, CAS: 106-93-4

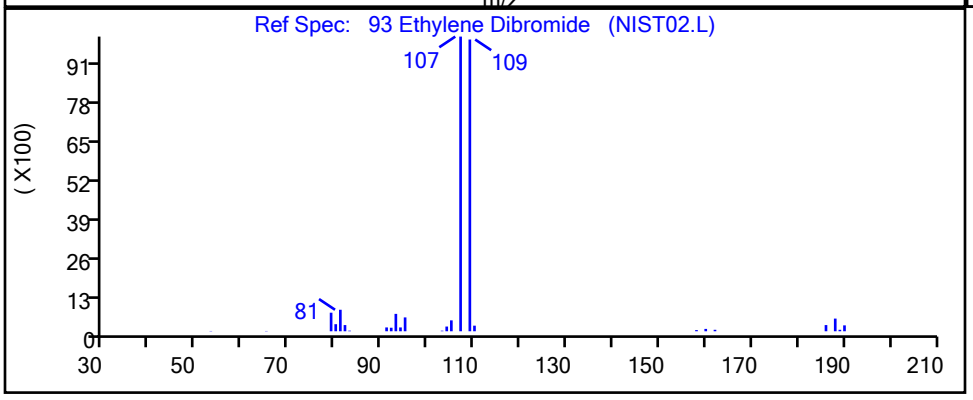
Processing Results











RT	Mass	Response	Amount
7.30	107.00	55	0.014170
7.30	109.00	119	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

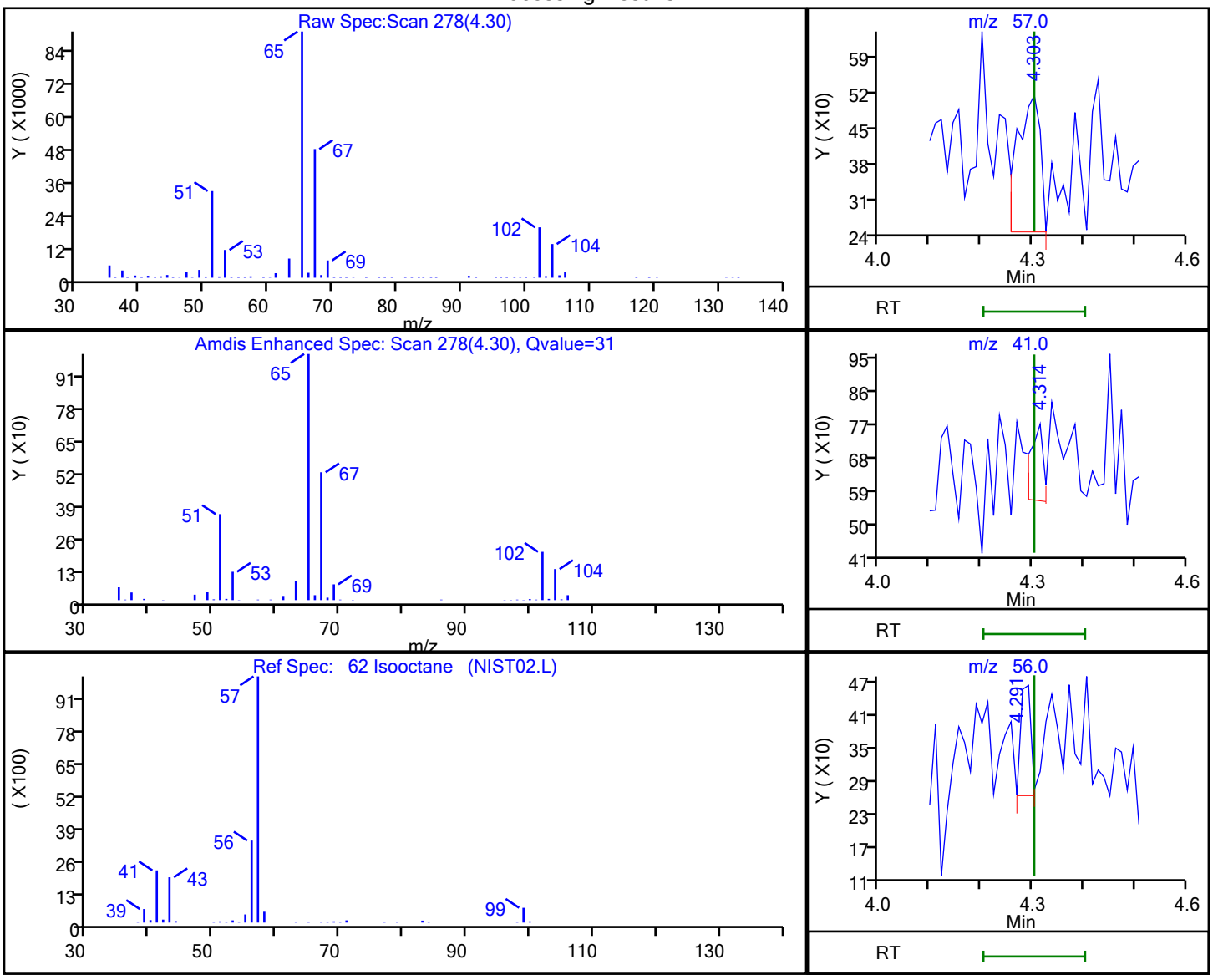
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.30	57.00	827	0.114689
4.31	41.00	370	
4.29	56.00	269	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

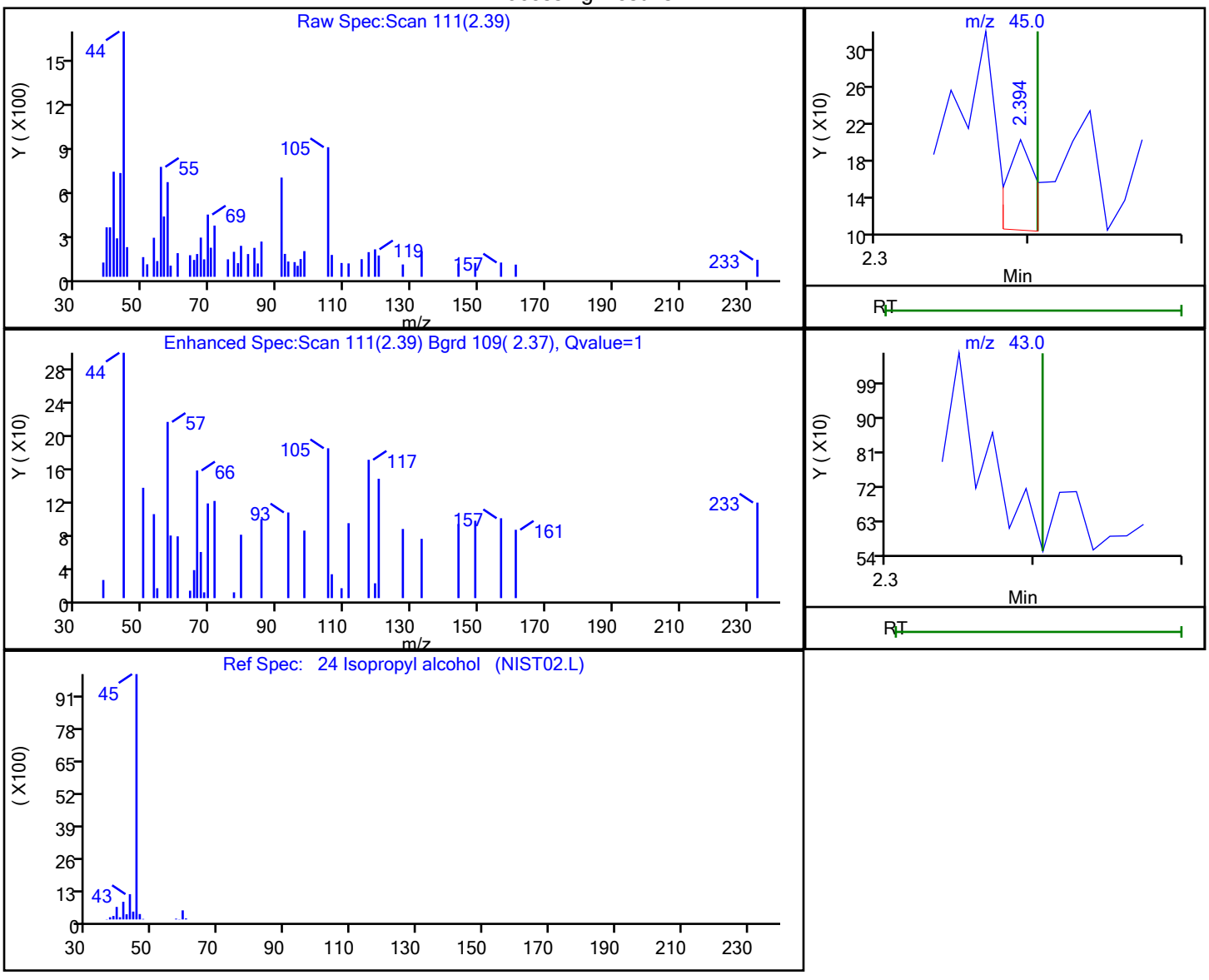
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.39	45.00	131	0.774150
2.42	43.00	0	

Reviewer: NN6A, 12-Aug-2025 08:50:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

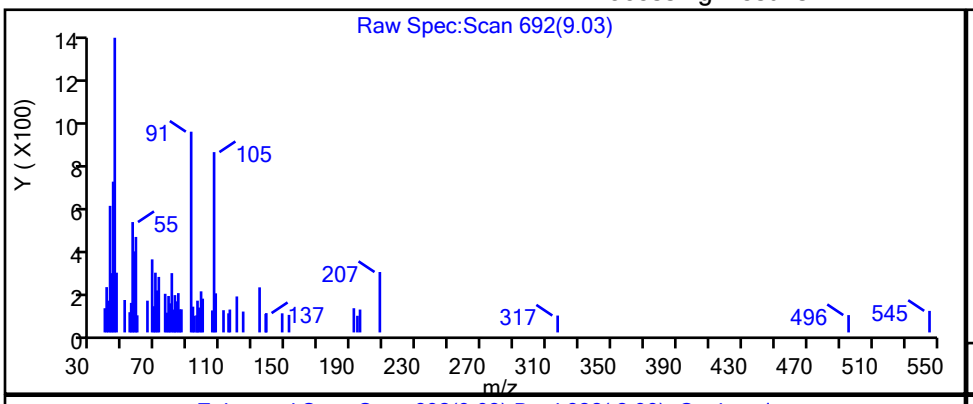
User Disabled Compound Report

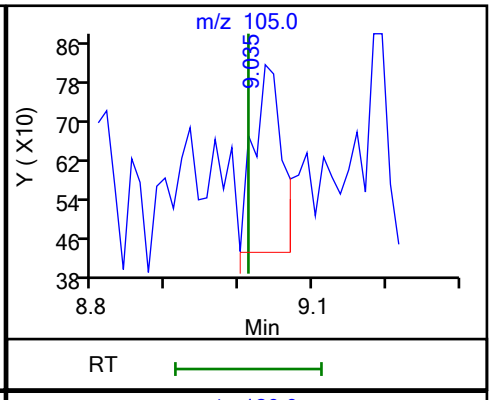
Eurofins Edison

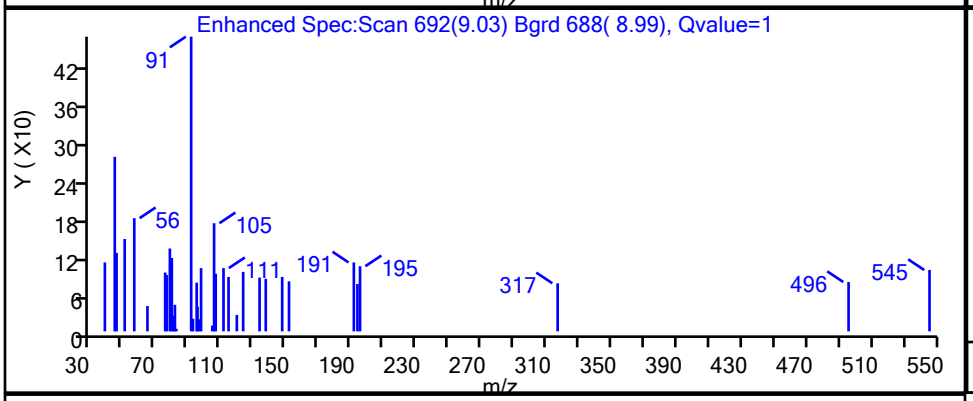
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

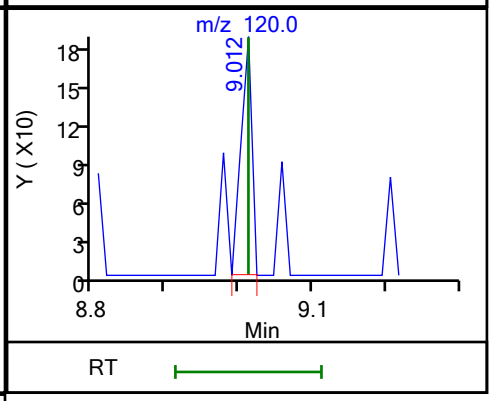
104 Isopropylbenzene, CAS: 98-82-8

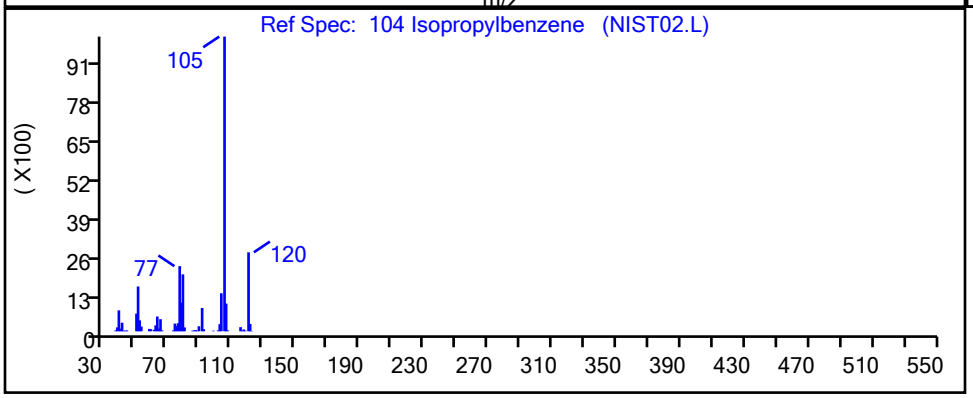
Processing Results











RT	Mass	Response	Amount
9.03	105.00	1047	0.077004
9.01	120.00	194	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

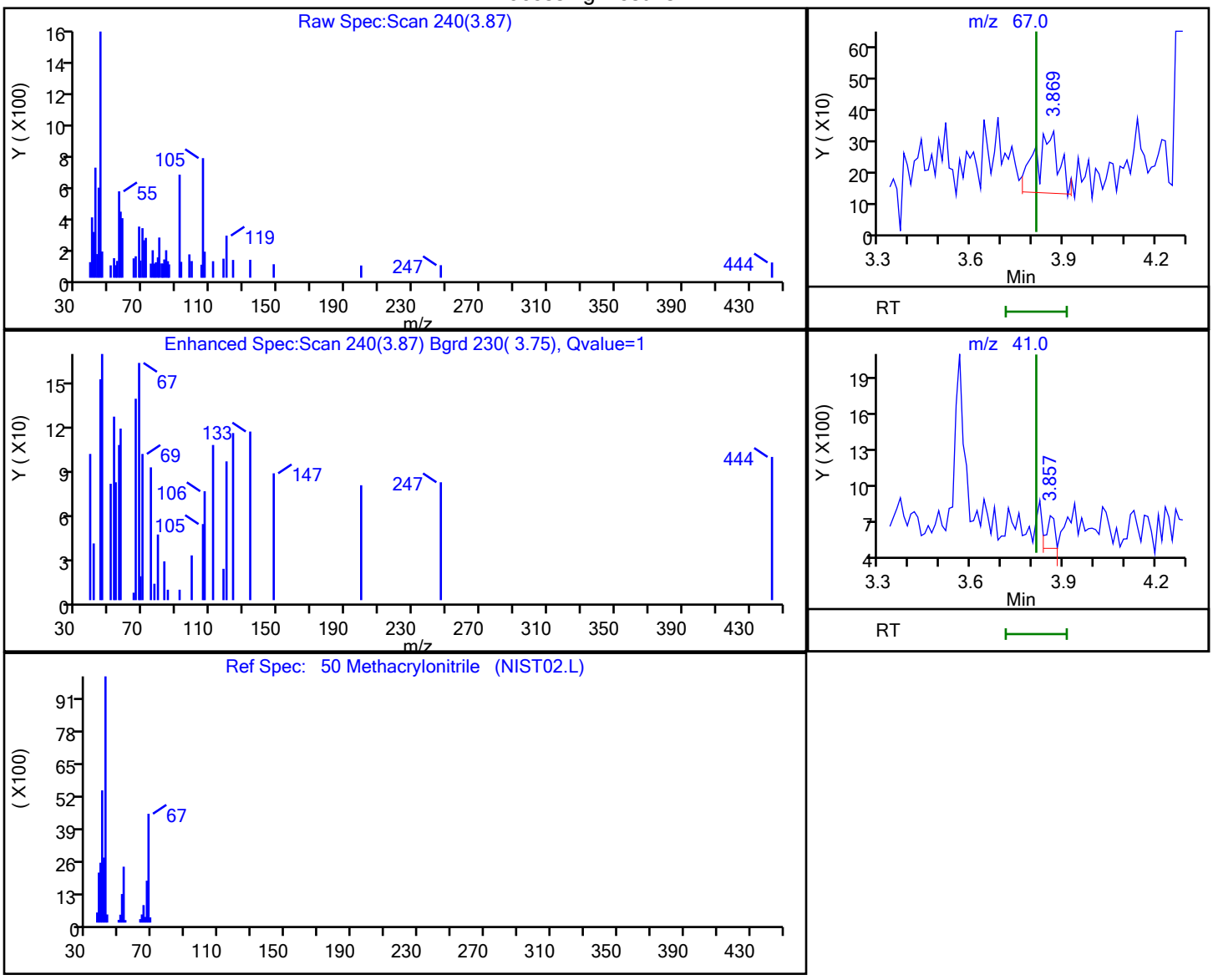
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

50 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.87	67.00	1070	0.917290
3.86	41.00	481	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

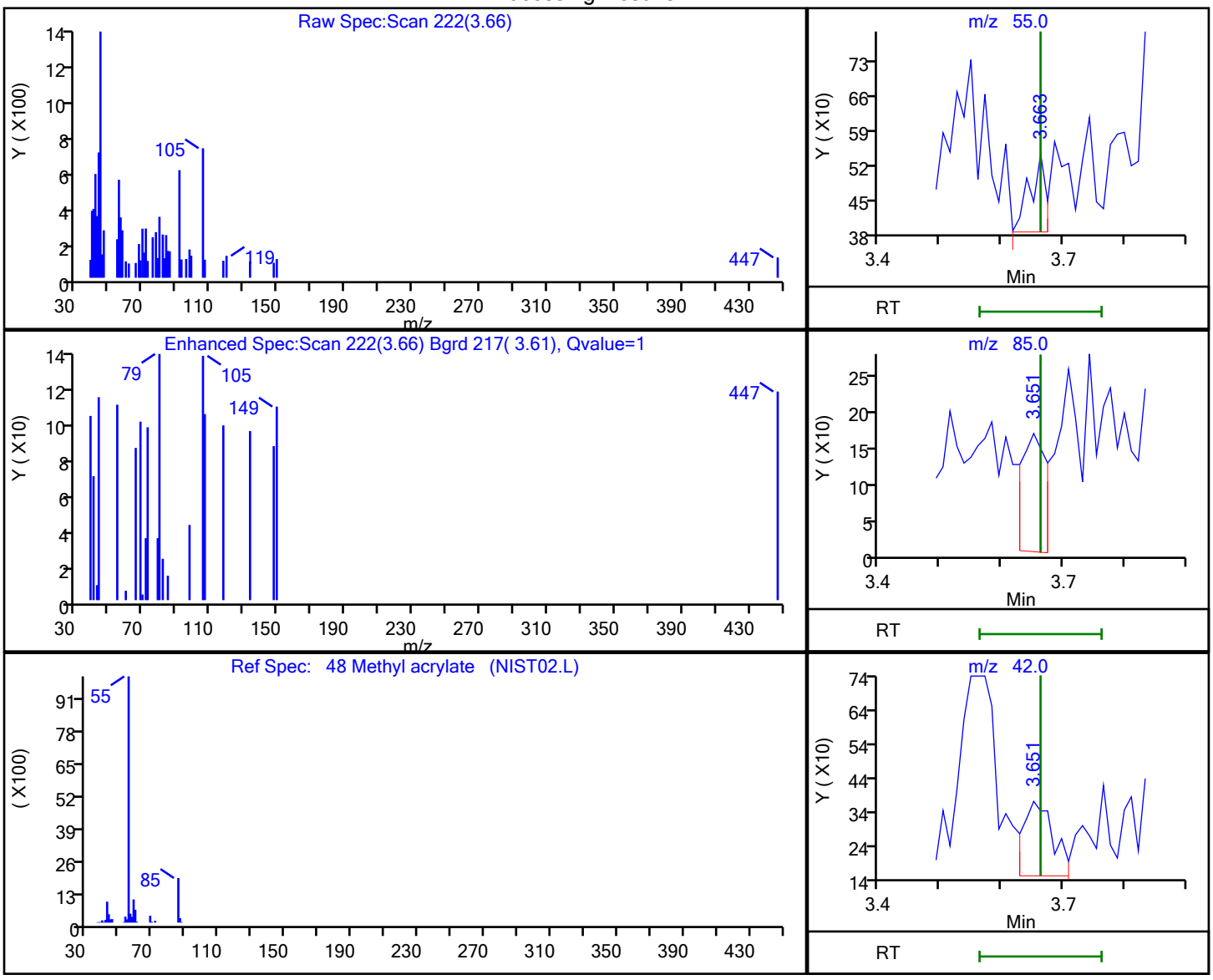
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.66	55.00	280	0.120432
3.65	85.00	475	
3.65	42.00	754	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

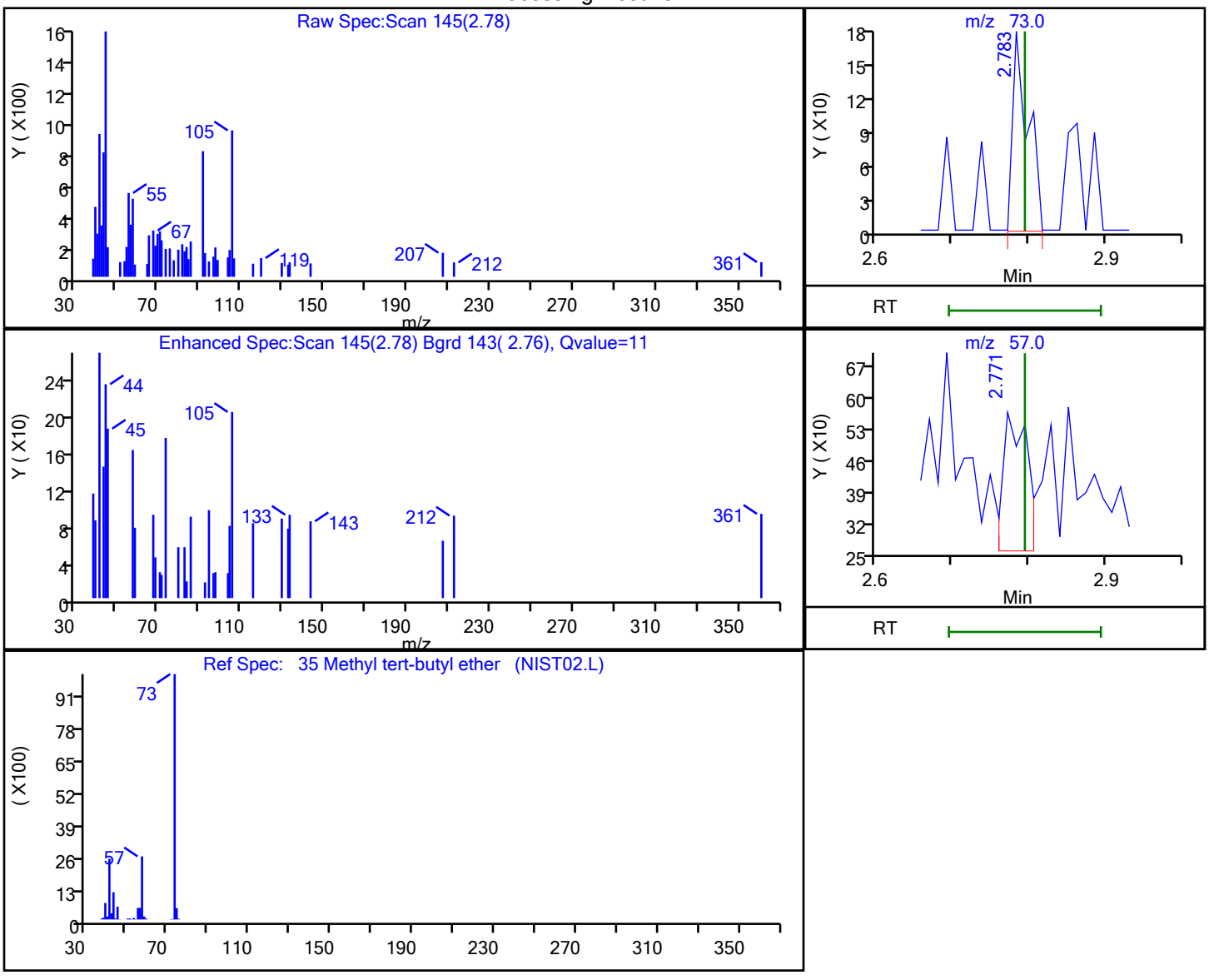
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.78	73.00	243	0.025446
2.77	57.00	694	

Reviewer: NN6A, 12-Aug-2025 08:50:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

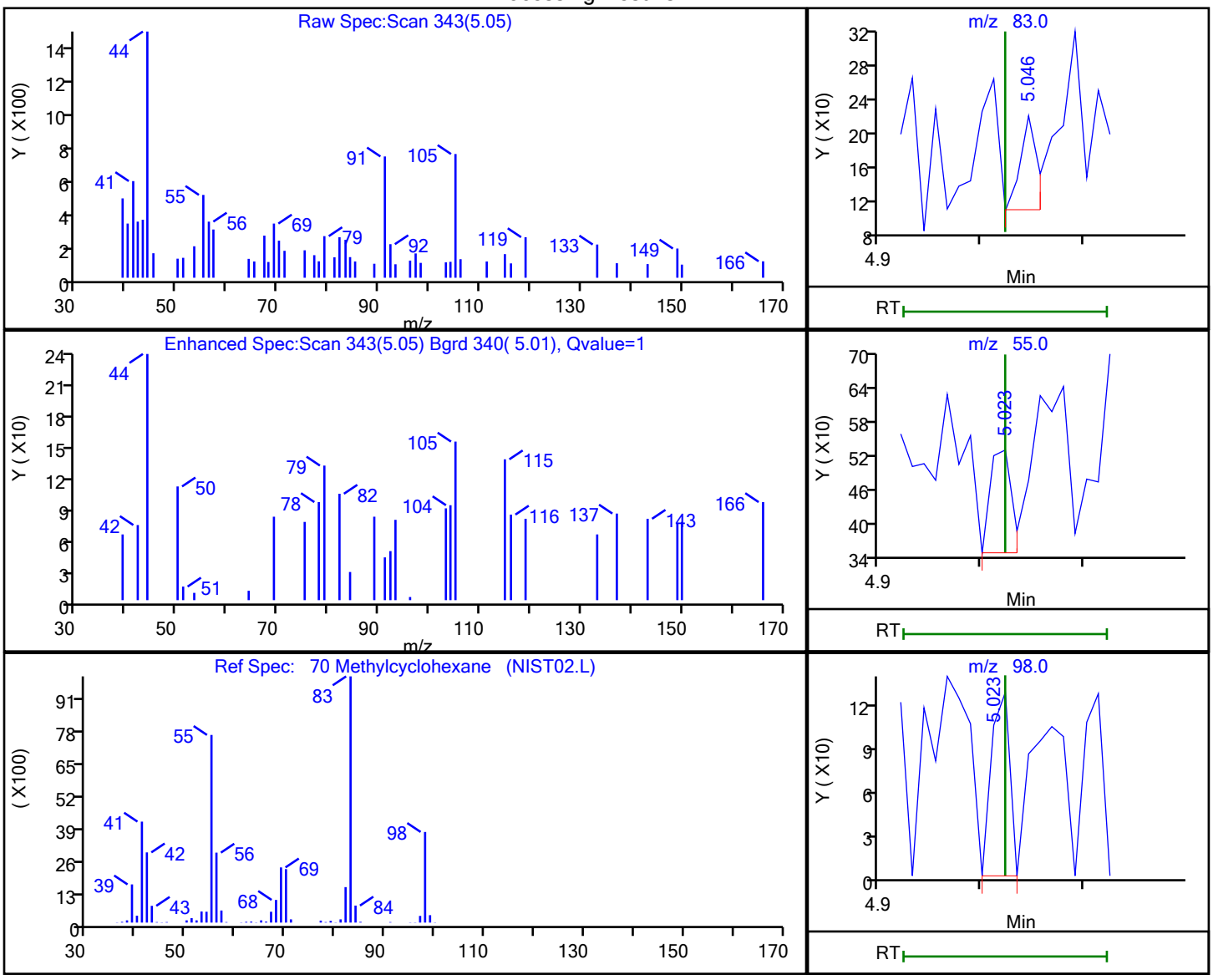
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.05	83.00	127	0.022213
5.02	55.00	268	
5.02	98.00	160	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

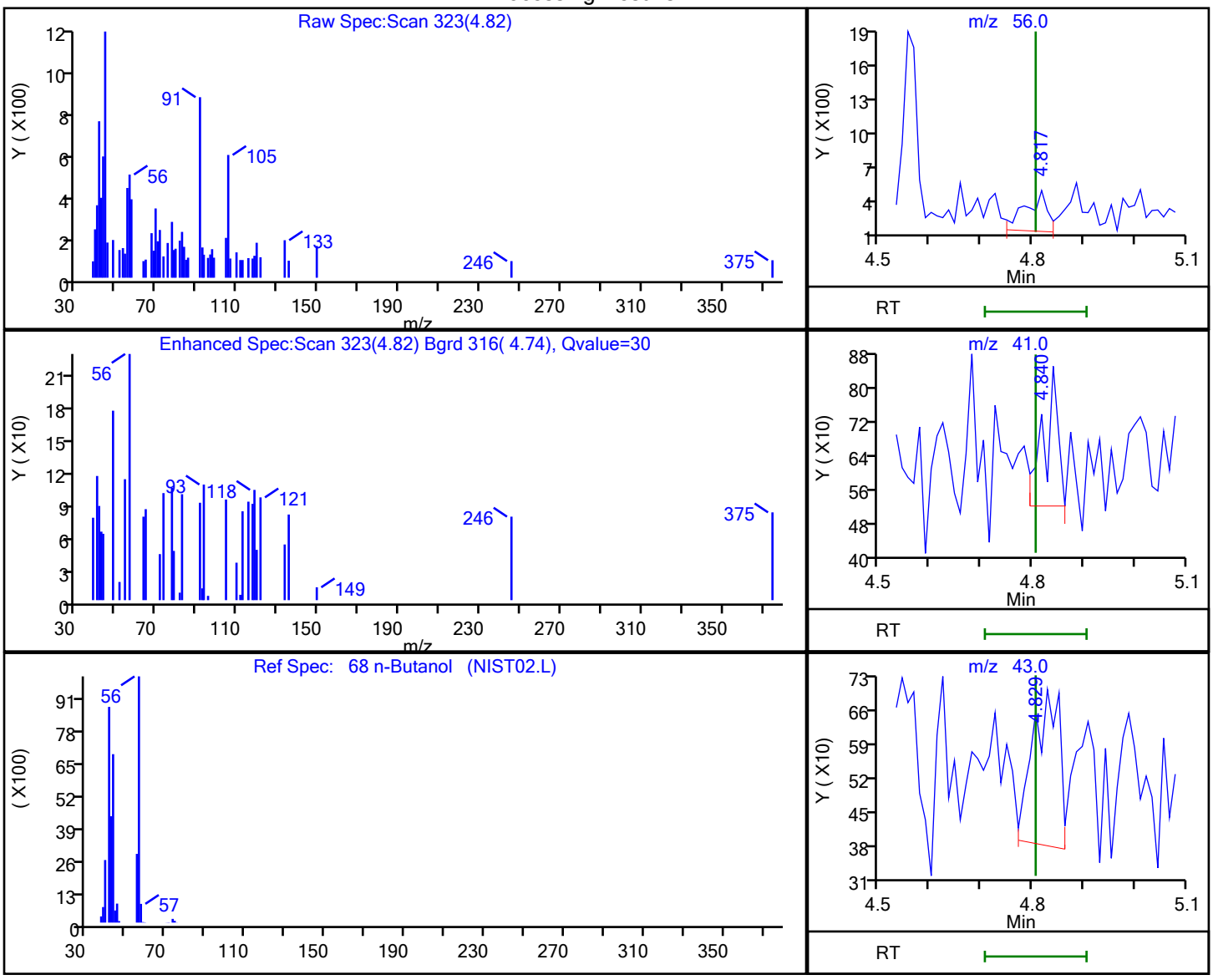
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.82	56.00	1013	12.250194
4.84	41.00	637	
4.83	43.00	1154	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

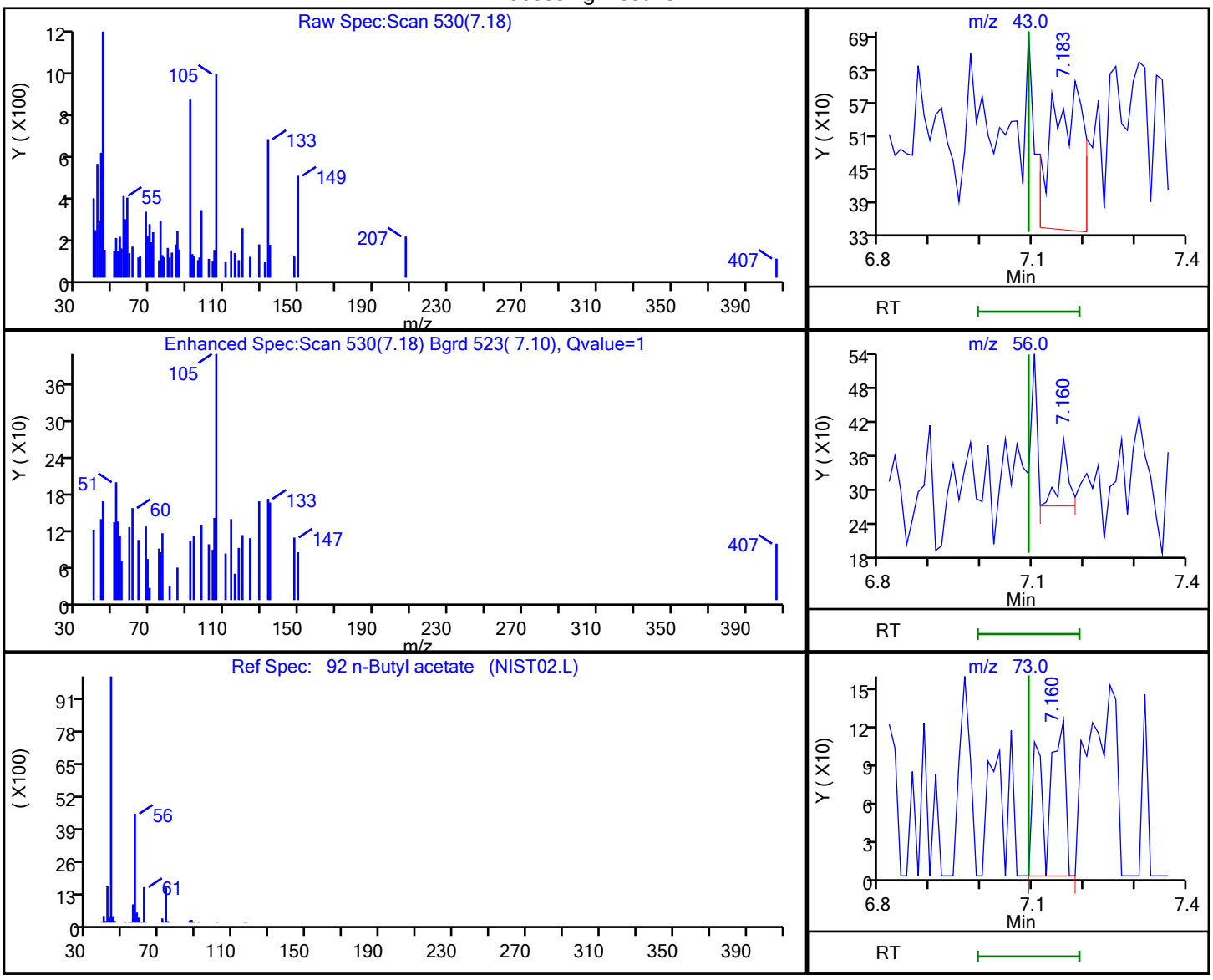
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.18	43.00	1136	0.180343
7.16	56.00	154	
7.16	73.00	350	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

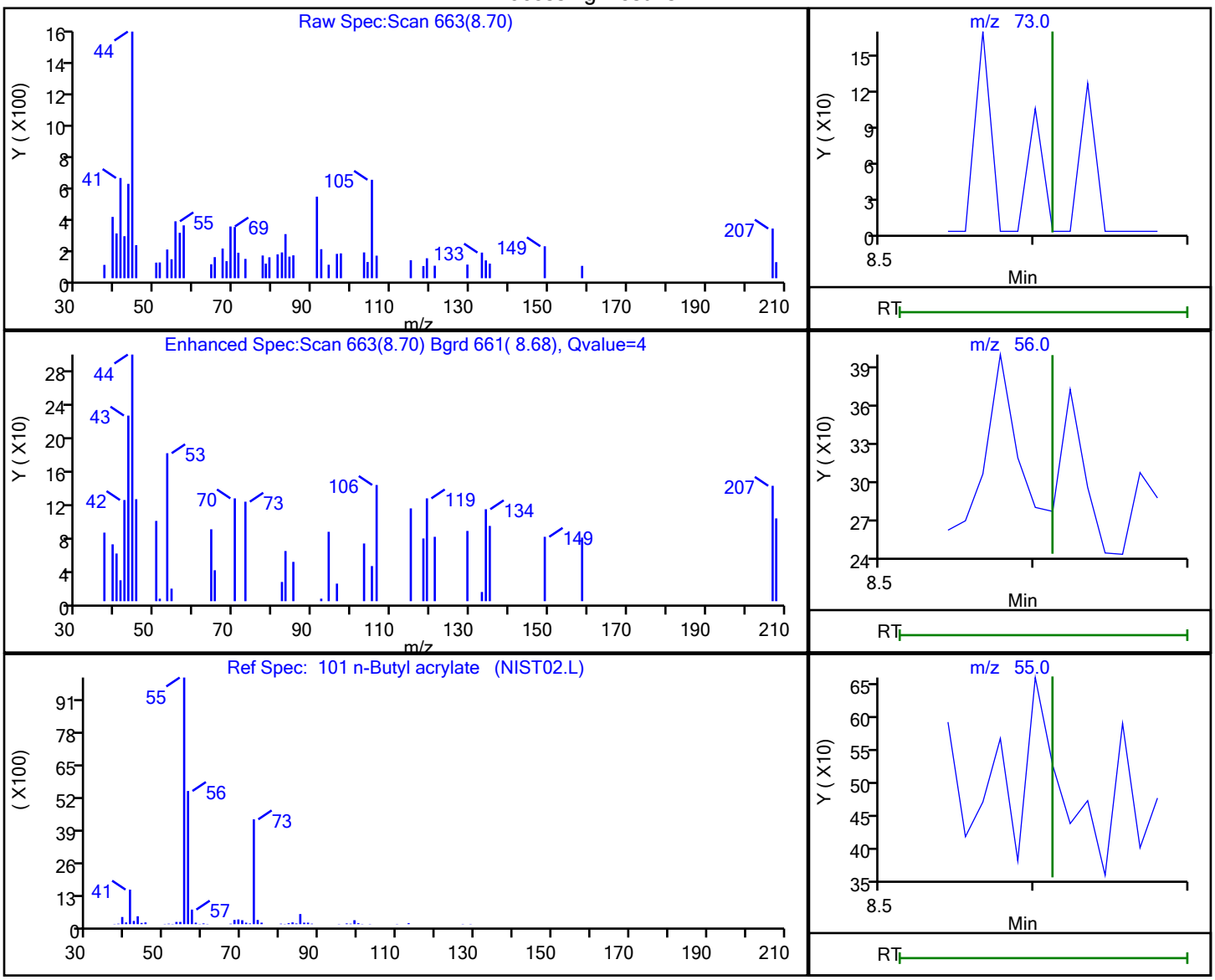
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.70	73.00	82	0.026798
8.71	56.00	208	
8.69	55.00	252	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

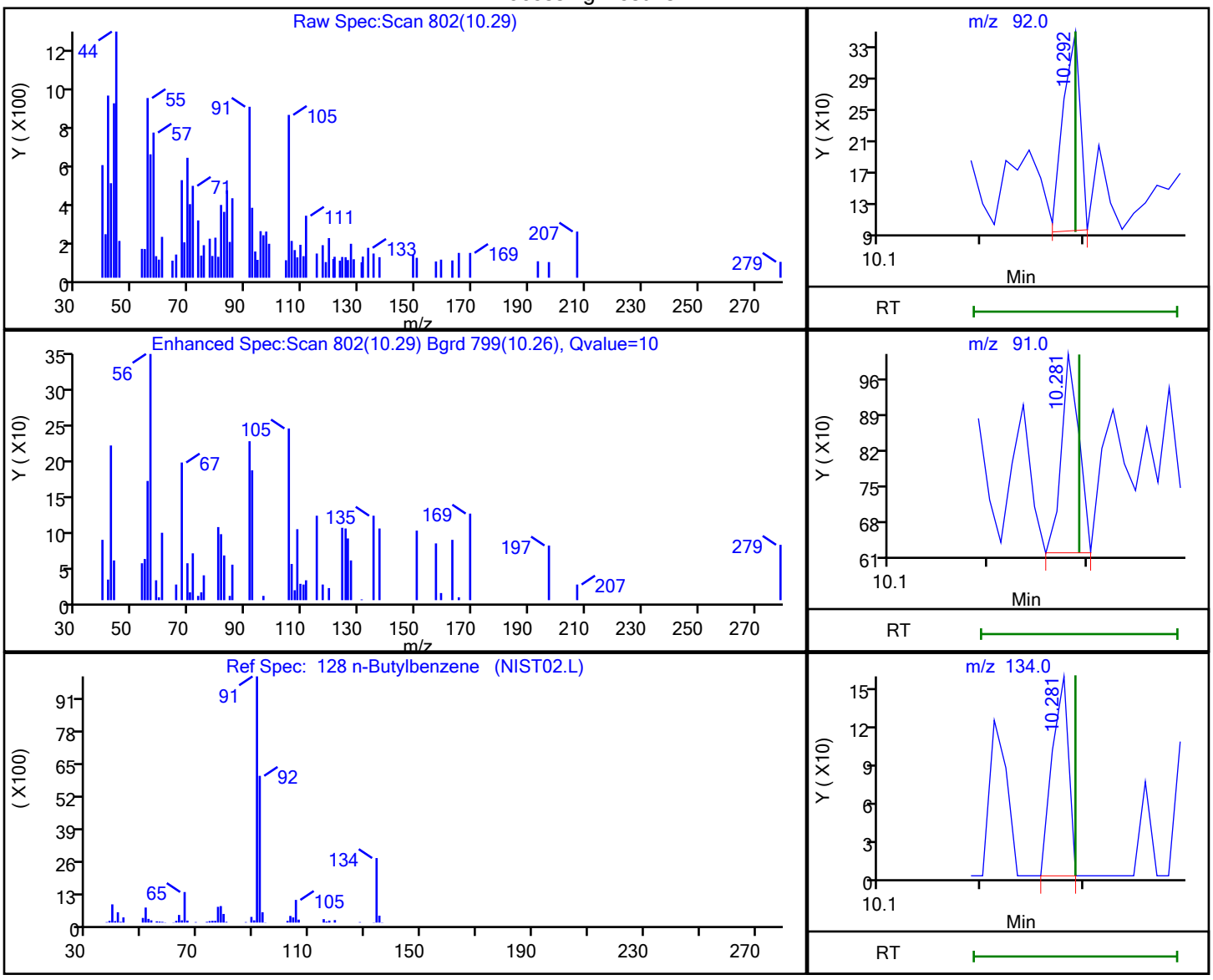
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.29	92.00	290	0.041606
10.28	91.00	475	
10.28	134.00	178	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

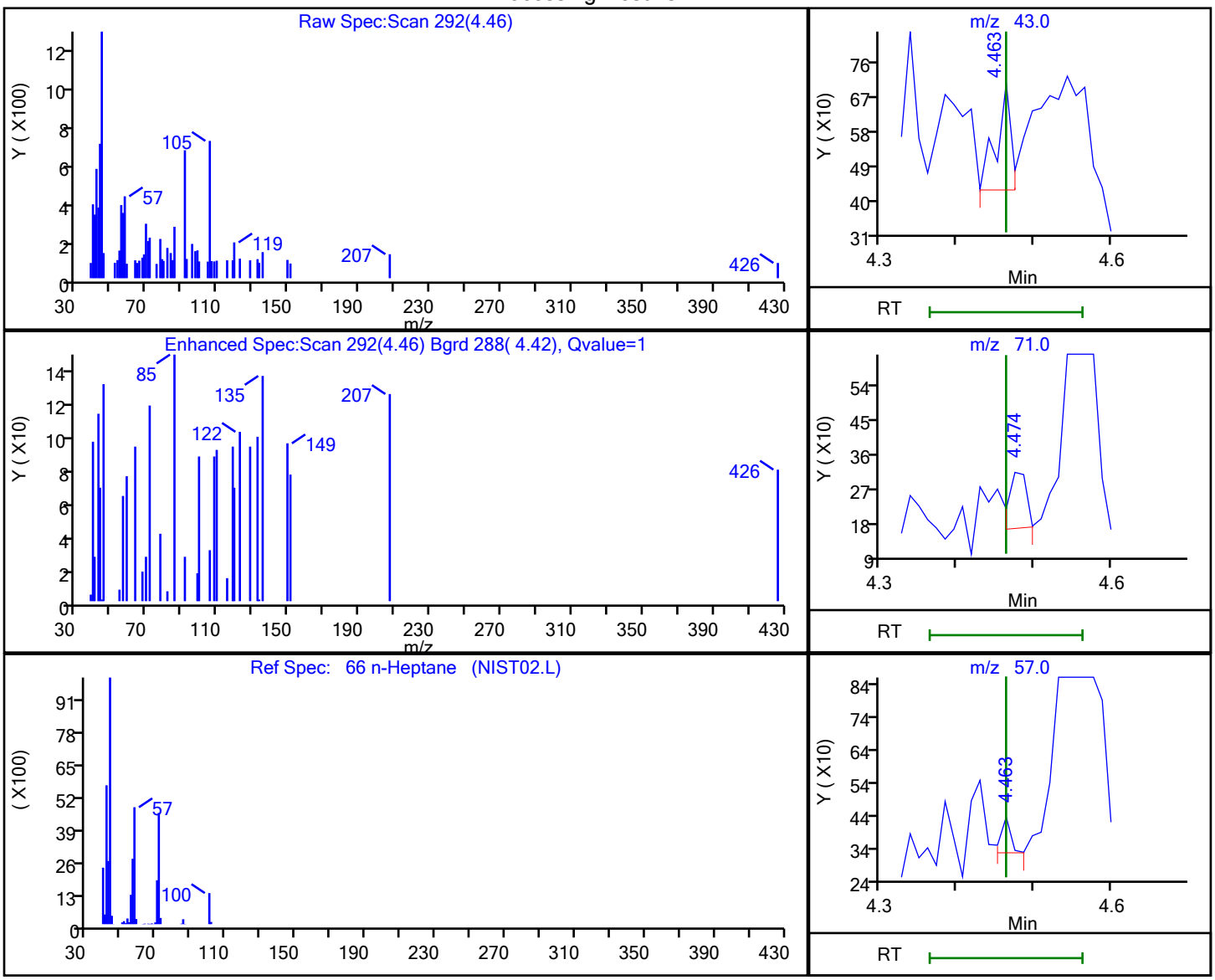
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.46	43.00	369	0.170752
4.47	71.00	228	
4.46	57.00	94	

Reviewer: NN6A, 12-Aug-2025 08:50:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

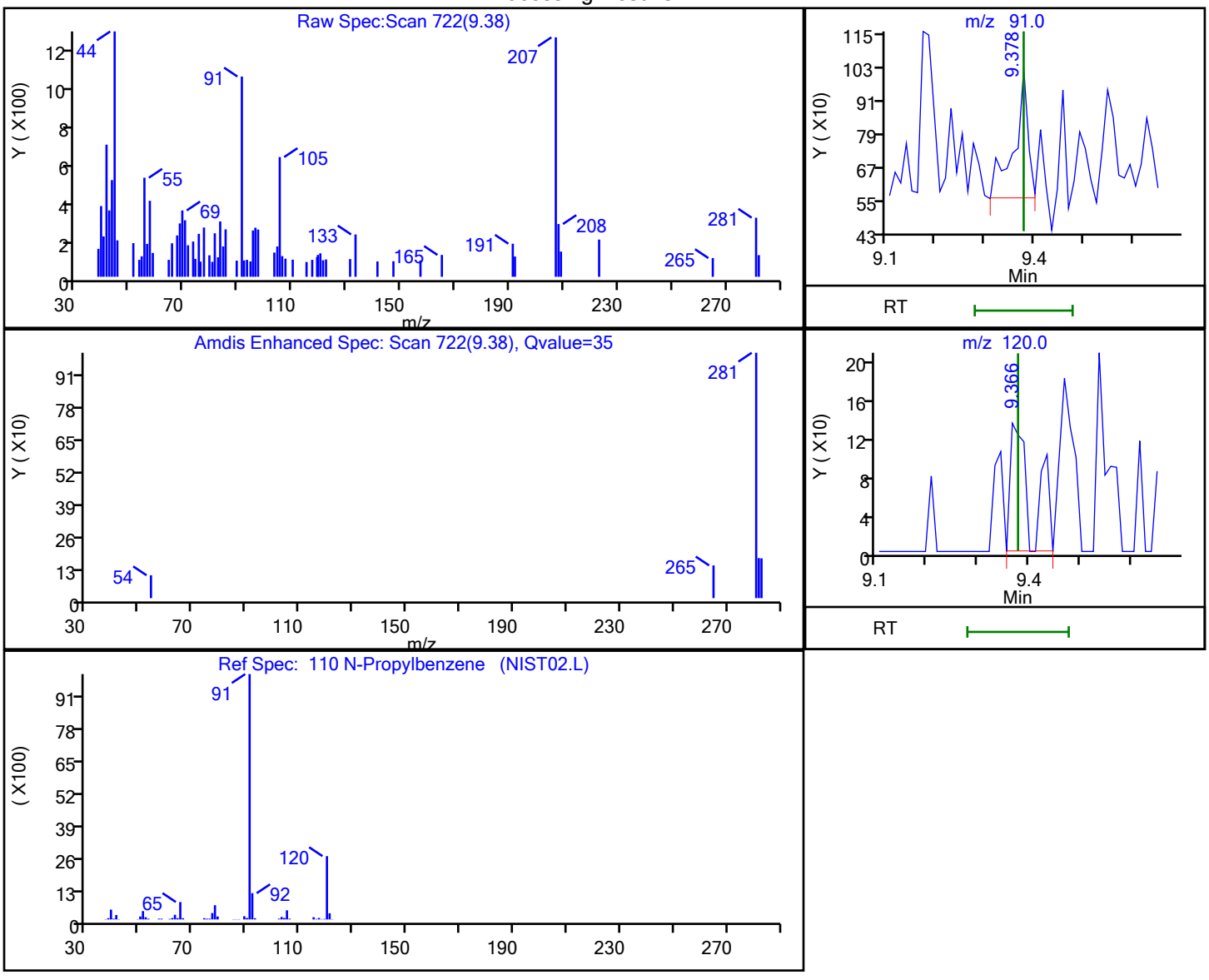
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.38	91.00	939	0.055742
9.37	120.00	372	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

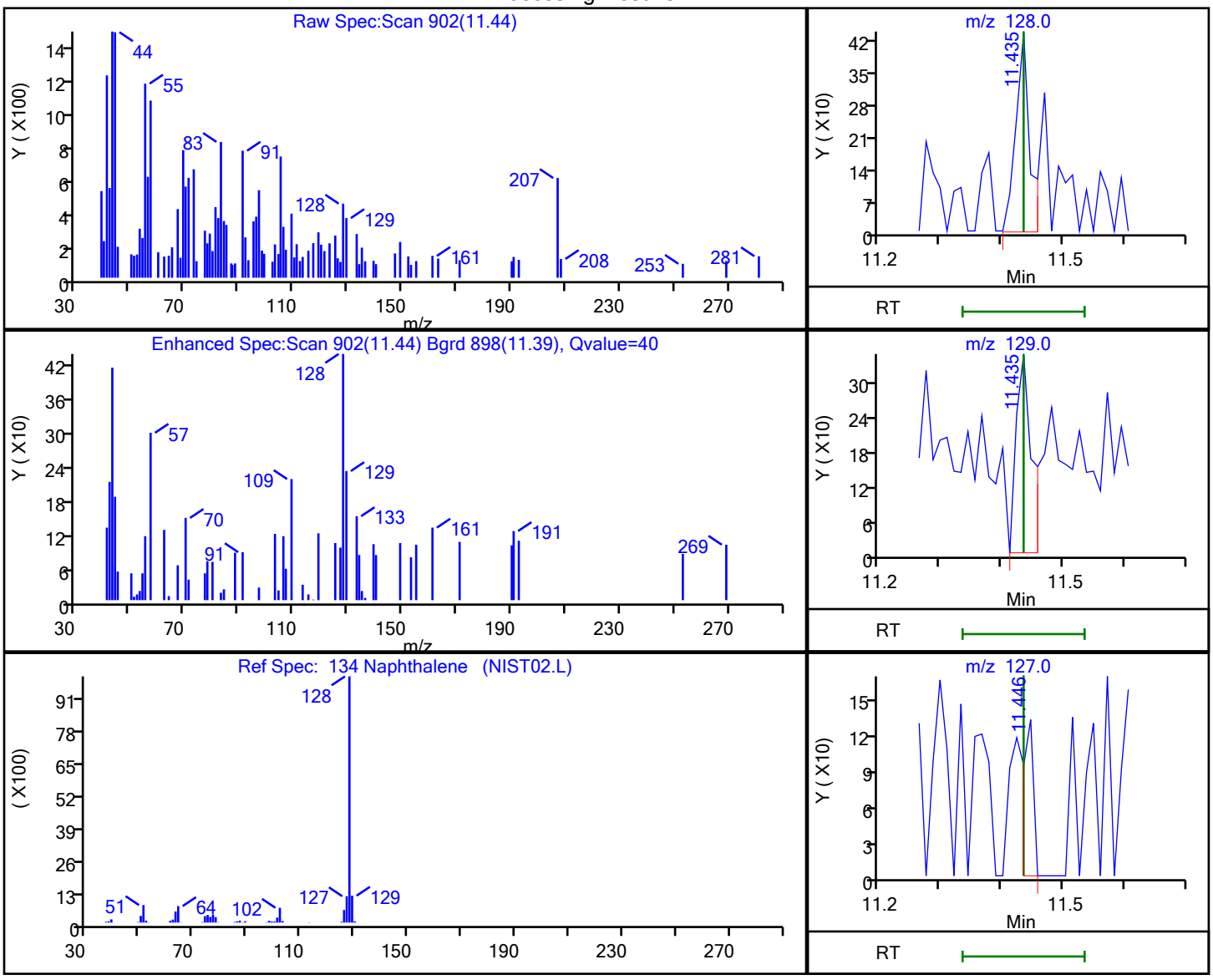
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.44	128.00	681	0.056364
11.44	129.00	622	
11.45	127.00	152	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

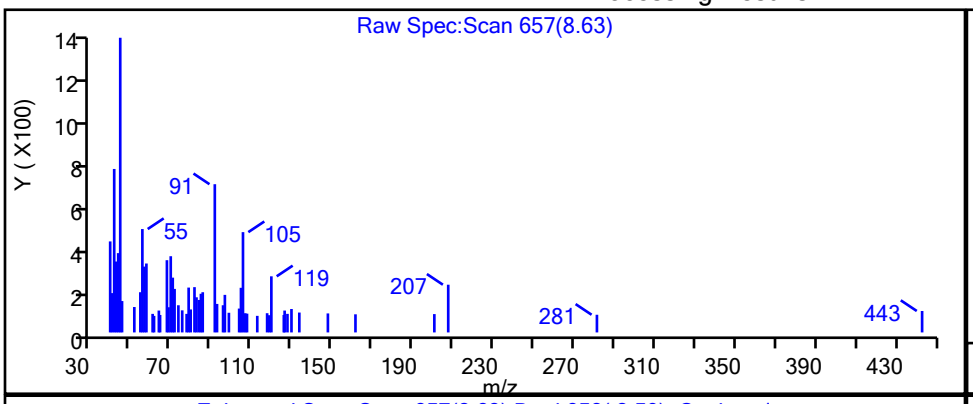
User Disabled Compound Report

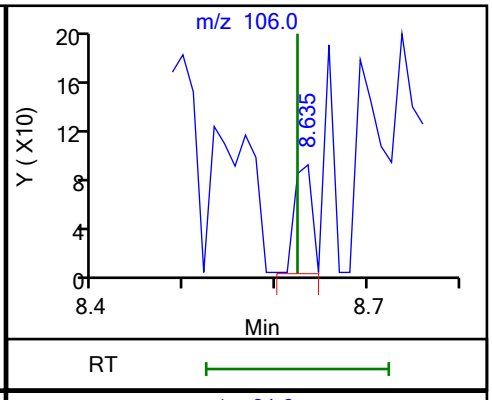
Eurofins Edison

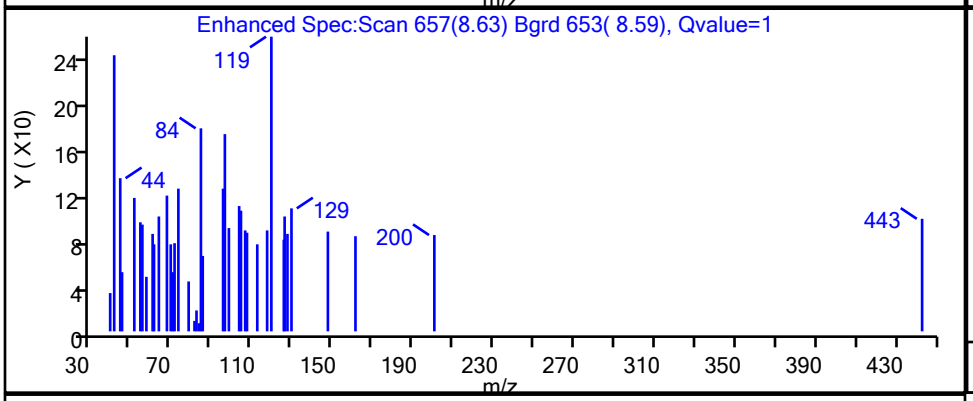
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

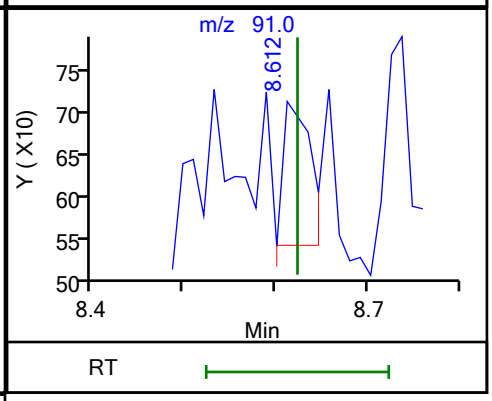
99 o-Xylene, CAS: 95-47-6

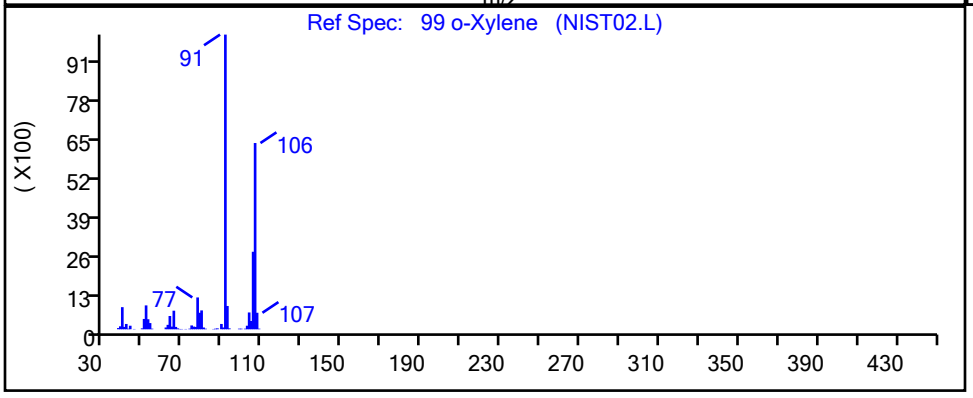
Processing Results











RT	Mass	Response	Amount
8.63	106.00	115	0.018433
8.61	91.00	356	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

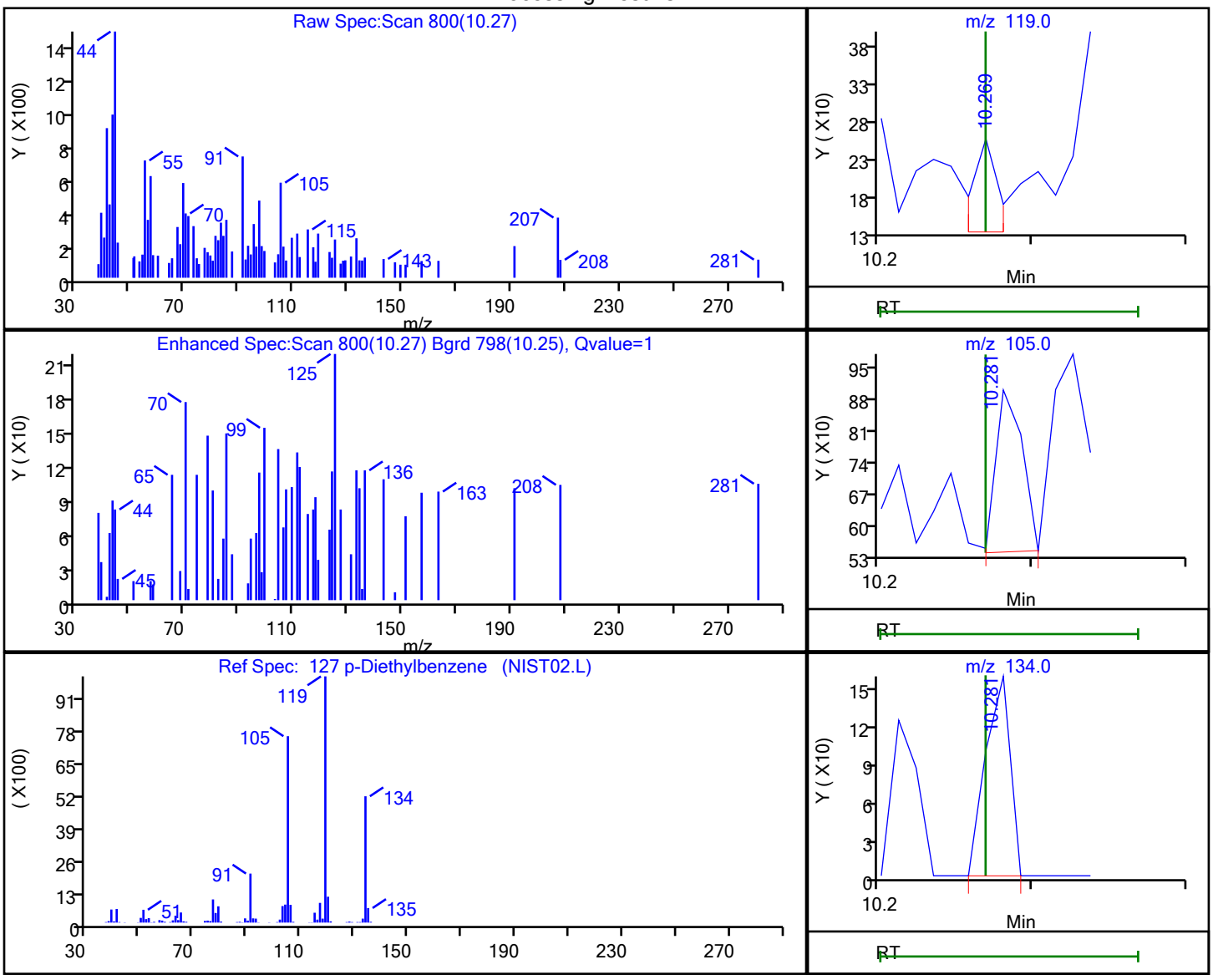
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.27	119.00	138	0.019076
10.28	105.00	435	
10.28	134.00	178	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

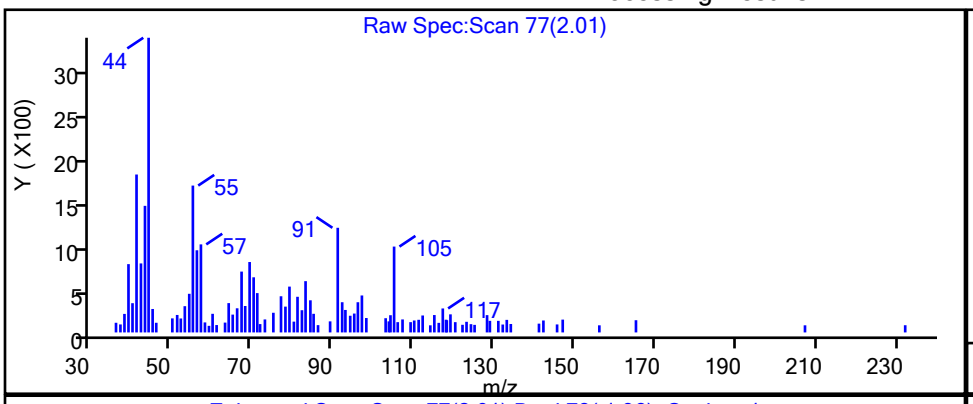
User Disabled Compound Report

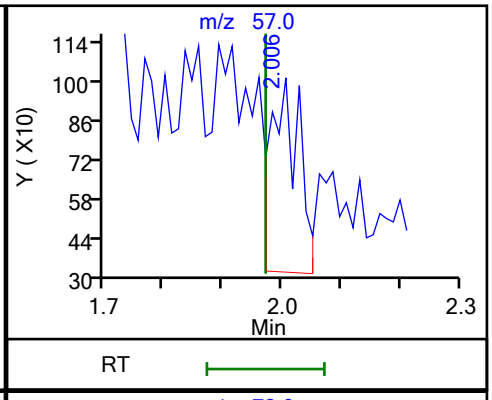
Eurofins Edison

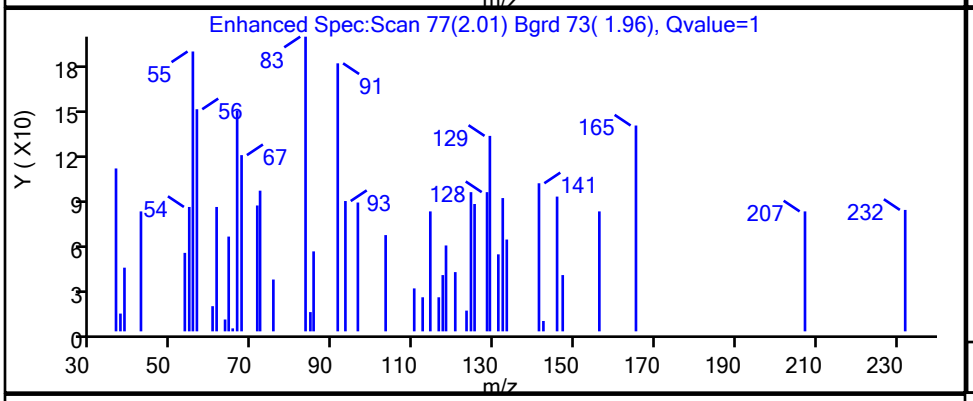
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

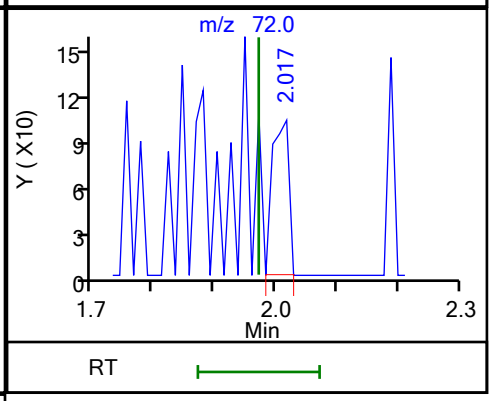
13 Pentane, CAS: 109-66-0

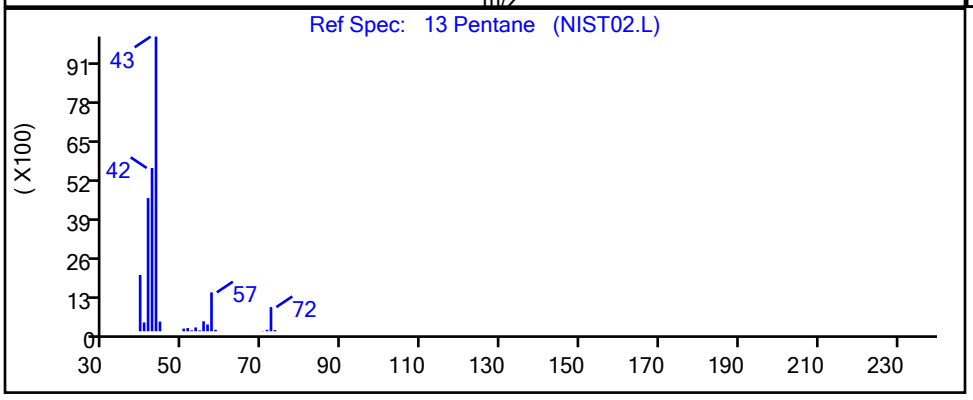
Processing Results











RT	Mass	Response	Amount
2.01	57.00	2382	1.016232
2.02	72.00	197	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

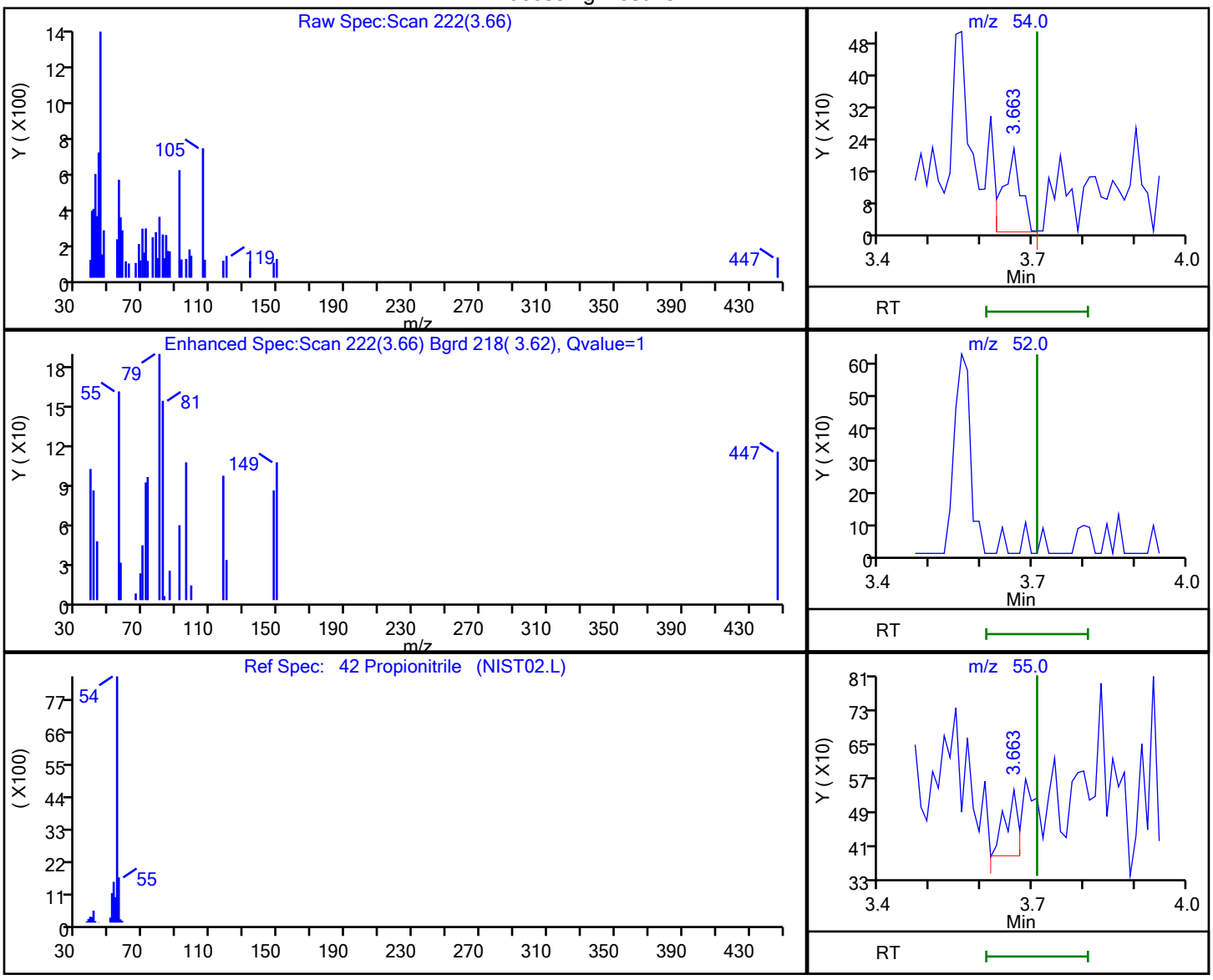
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.66	54.00	484	1.213231
3.66	55.00	280	
3.71	52.00	0	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

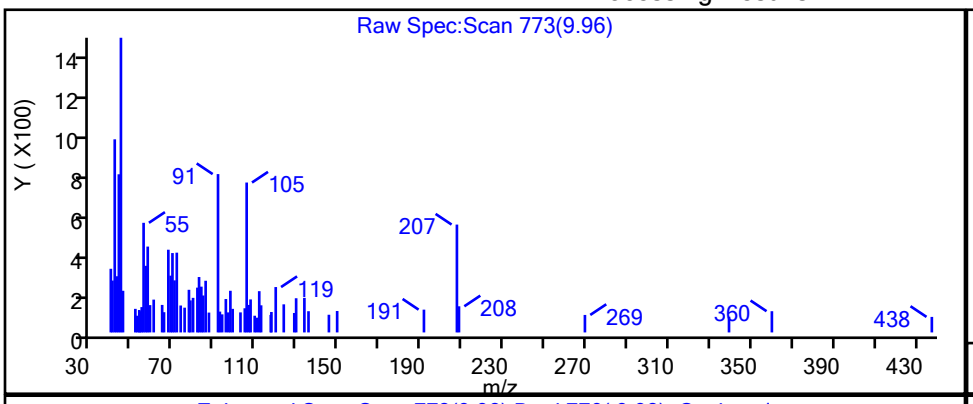
User Disabled Compound Report

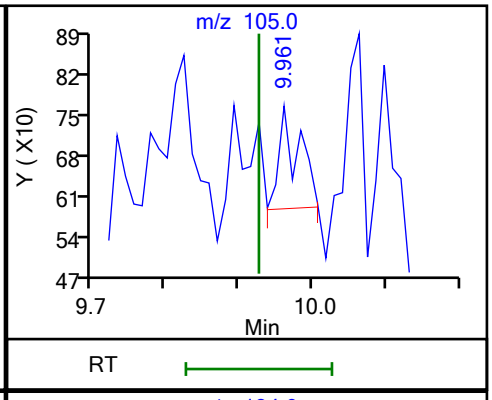
Eurofins Edison

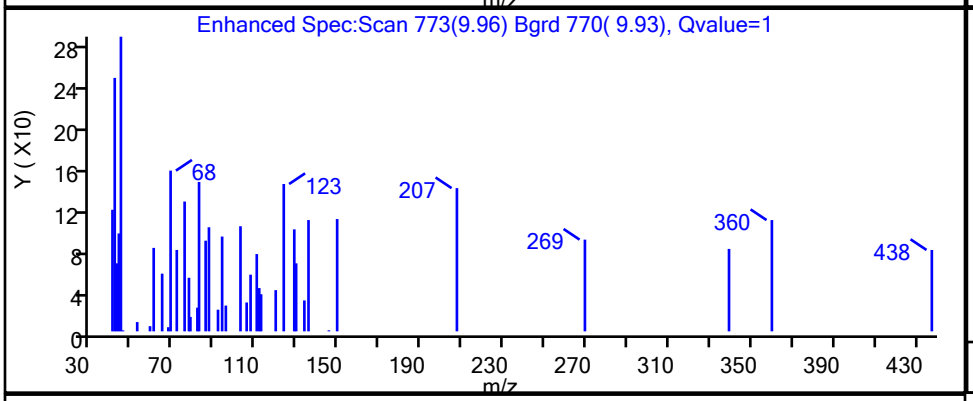
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

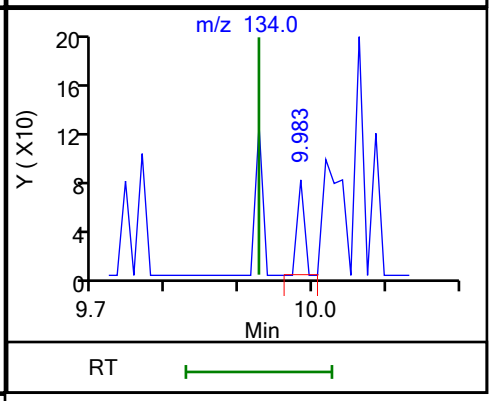
118 sec-Butylbenzene, CAS: 135-98-8

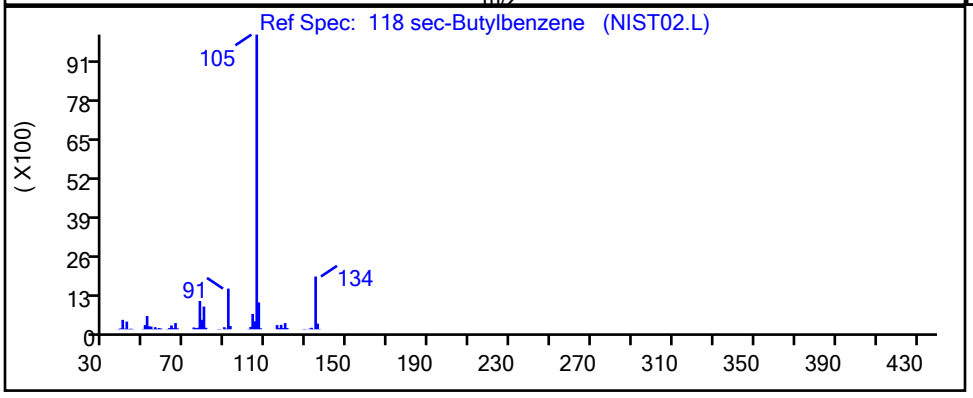
Processing Results











RT	Mass	Response	Amount
9.96	105.00	345	0.023854
9.98	134.00	55	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

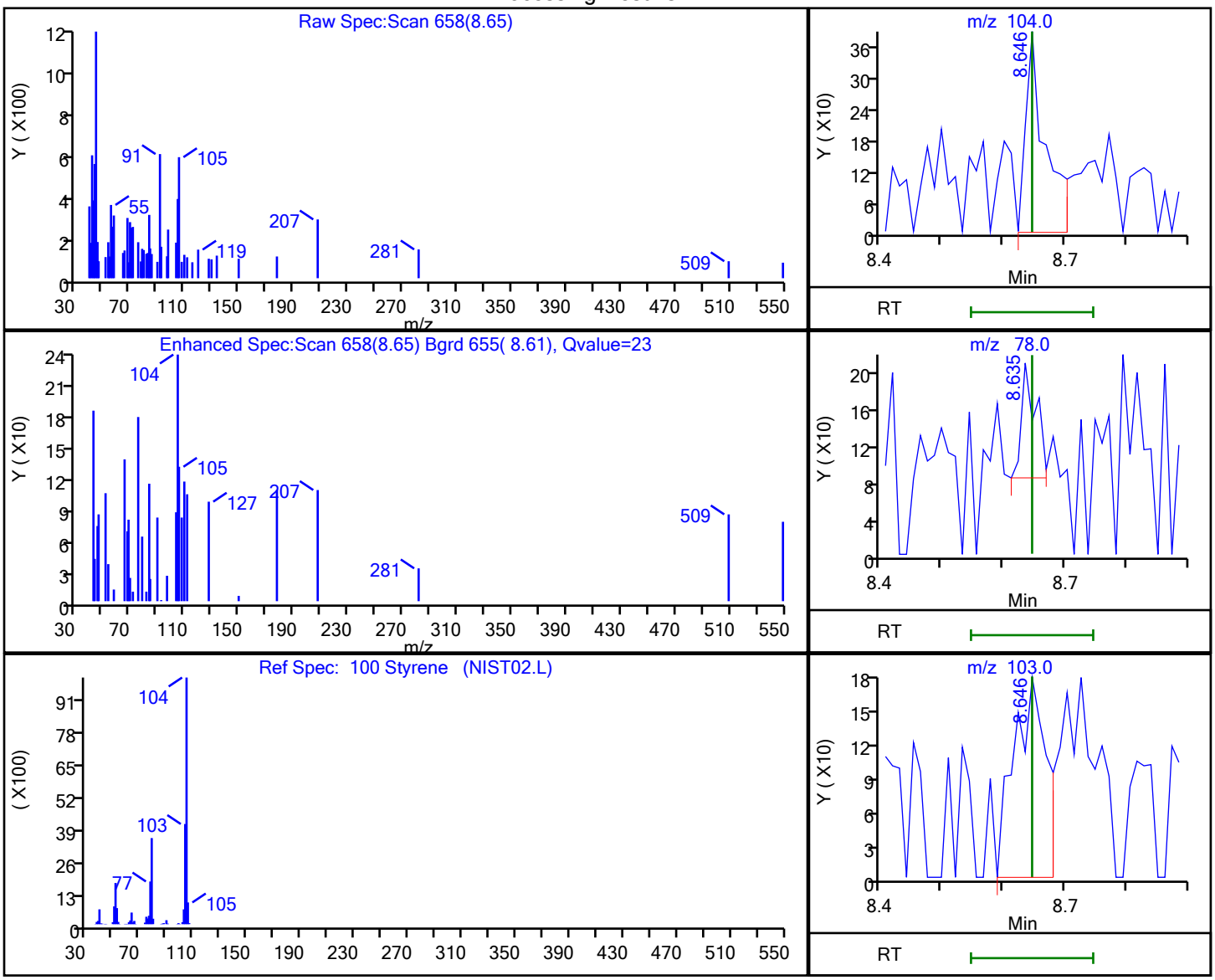
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.65	104.00	857	0.091294
8.63	78.00	202	
8.65	103.00	636	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

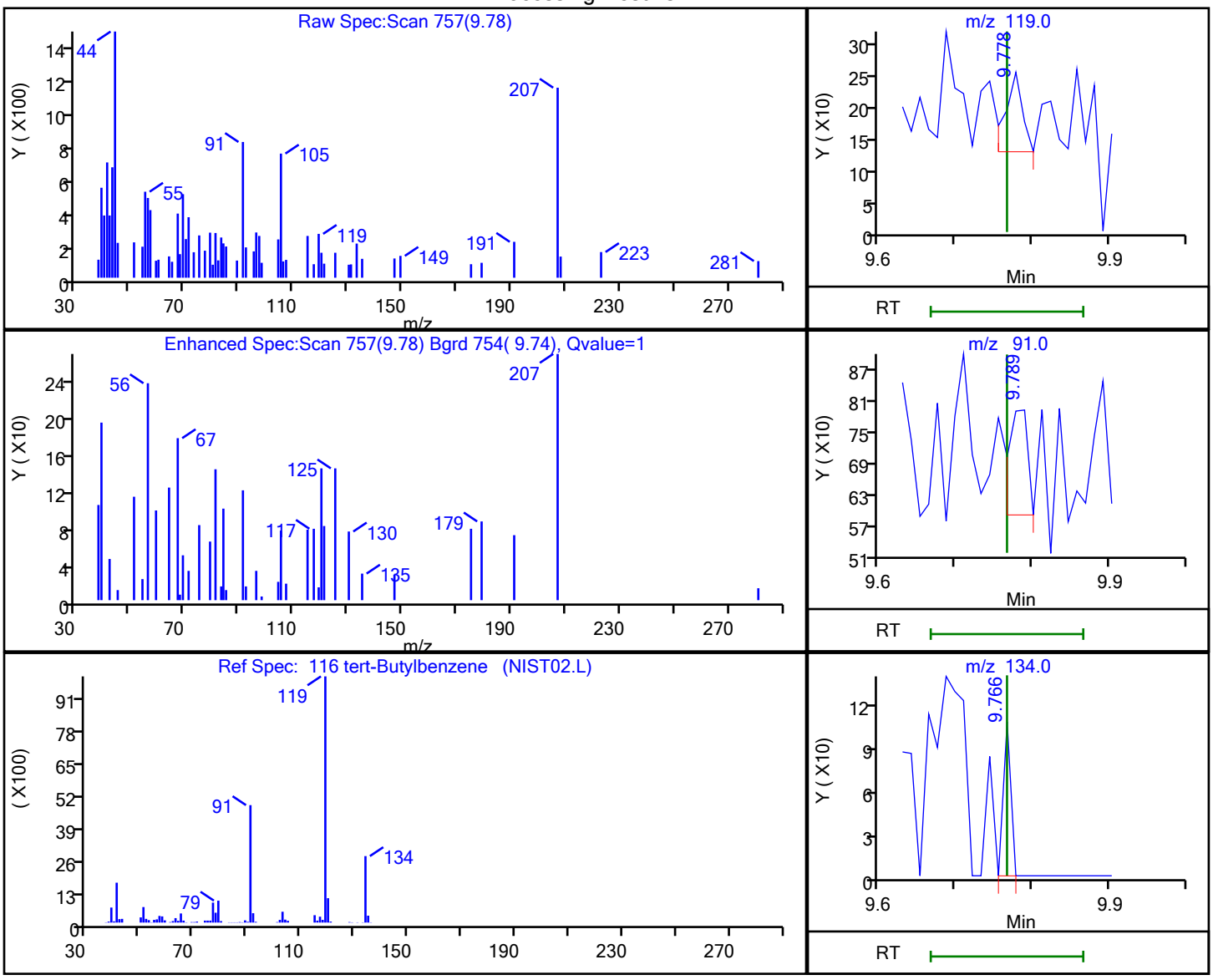
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.78	119.00	195	0.018897
9.79	91.00	348	
9.77	134.00	70	

Reviewer: NN6A, 12-Aug-2025 08:51:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

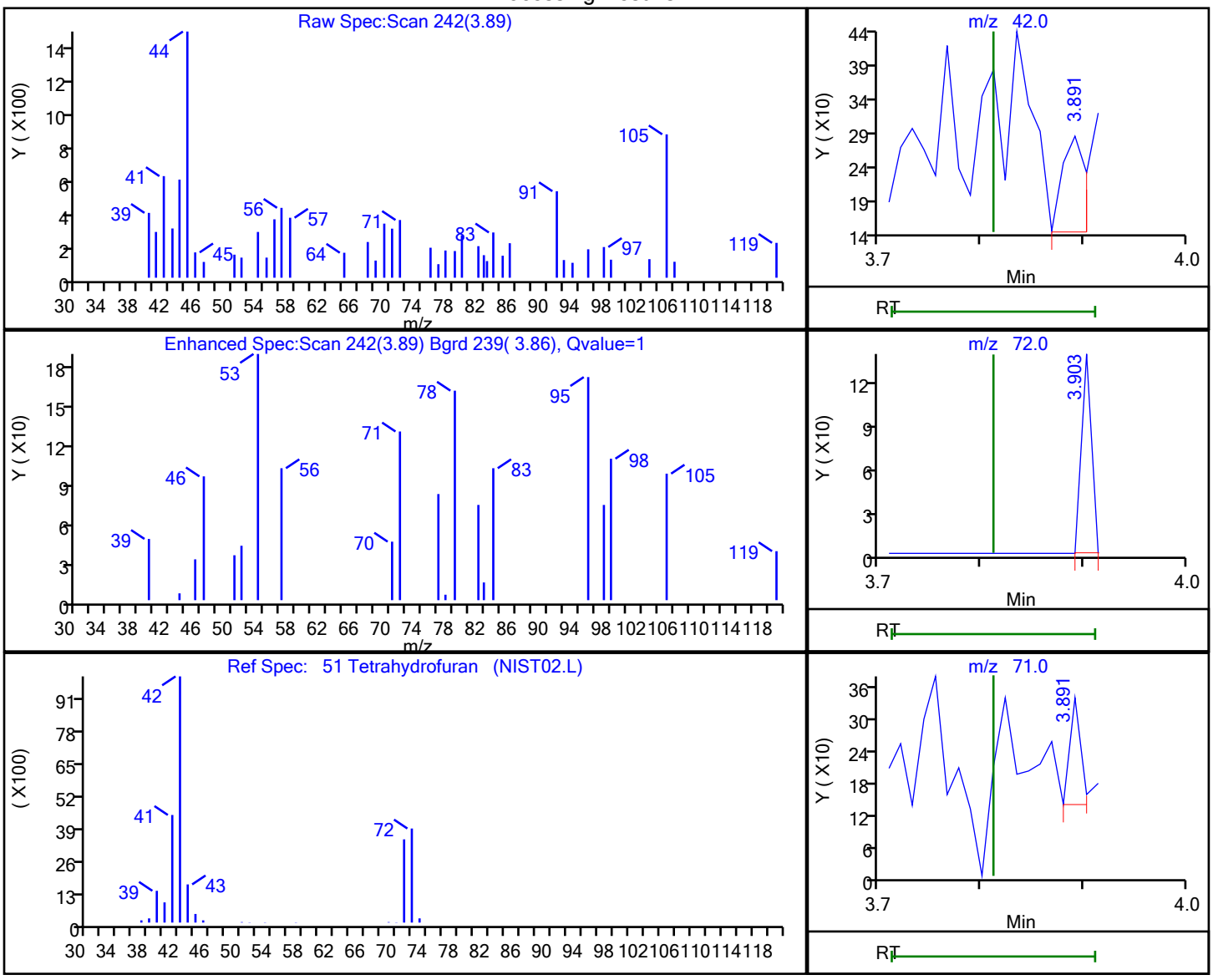
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.89	42.00	216	0.218406
3.90	72.00	90	
3.89	71.00	149	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

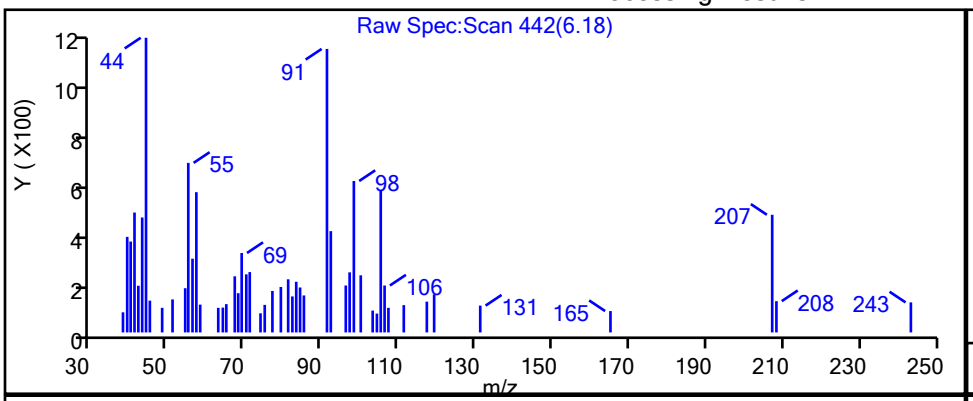
User Disabled Compound Report

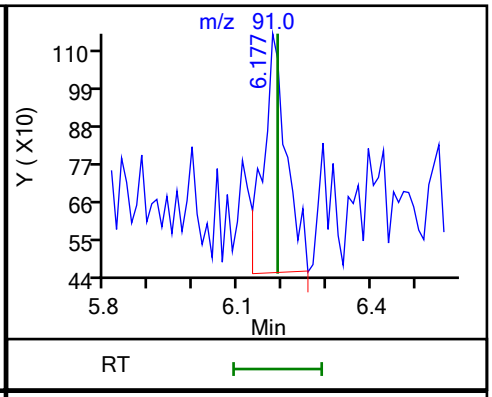
Eurofins Edison

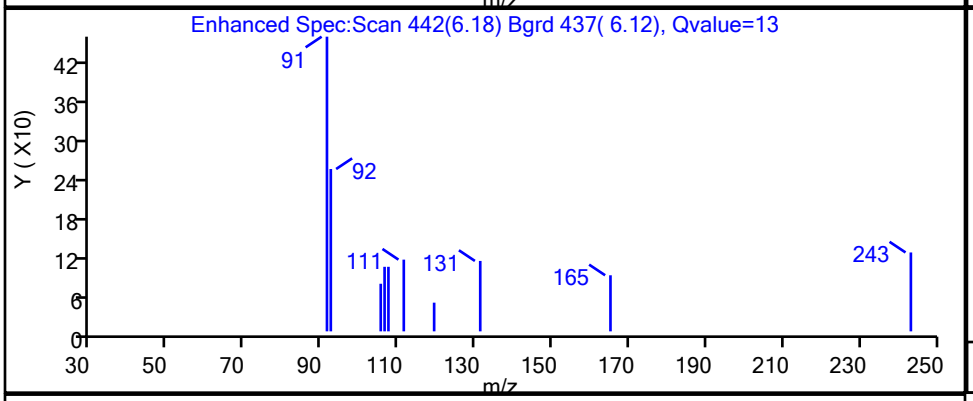
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

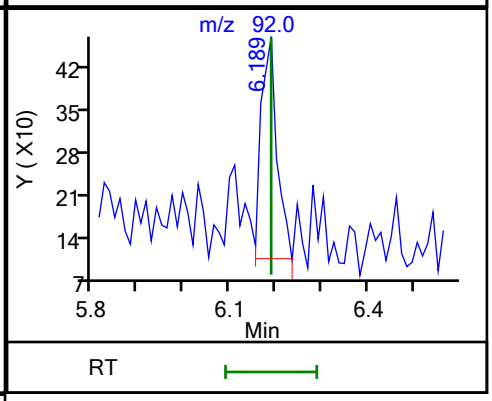
84 Toluene, CAS: 108-88-3

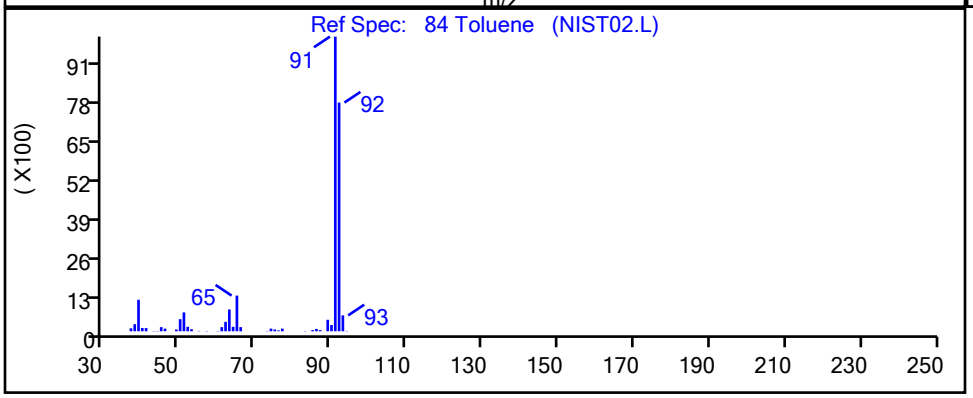
Processing Results











RT	Mass	Response	Amount
6.18	91.00	2545	0.162723
6.19	92.00	863	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

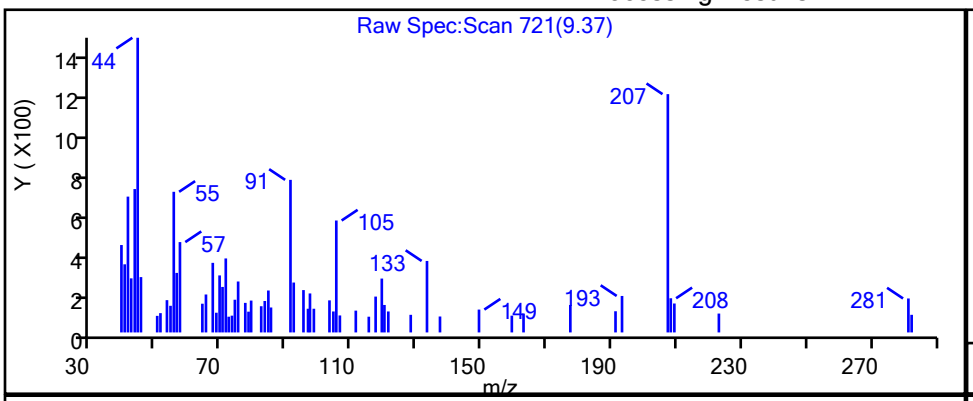
User Disabled Compound Report

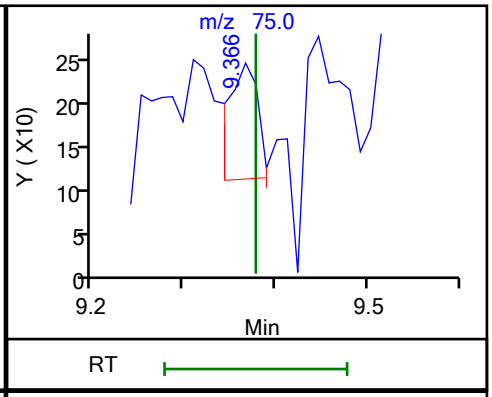
Eurofins Edison

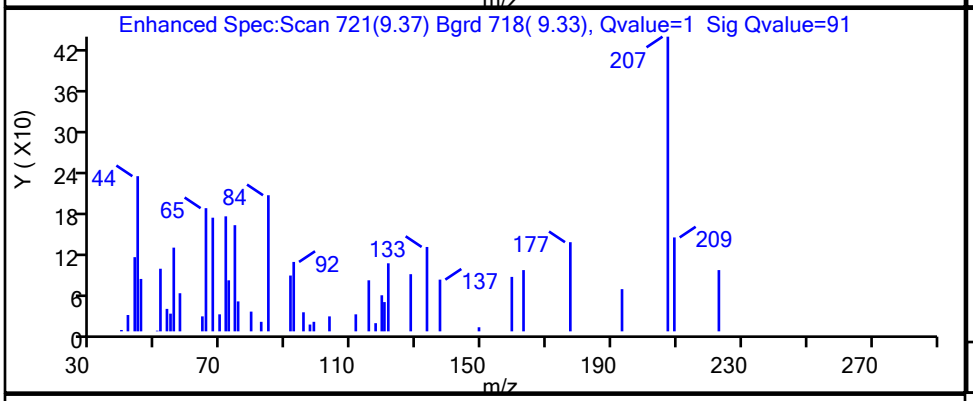
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

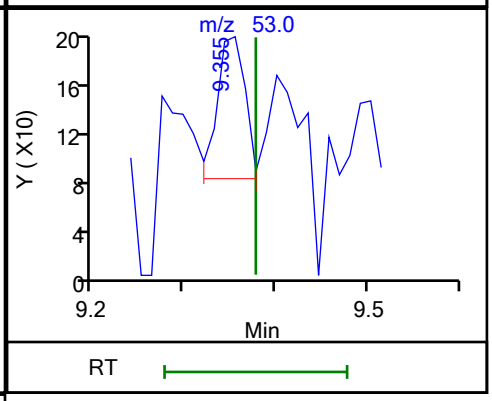
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

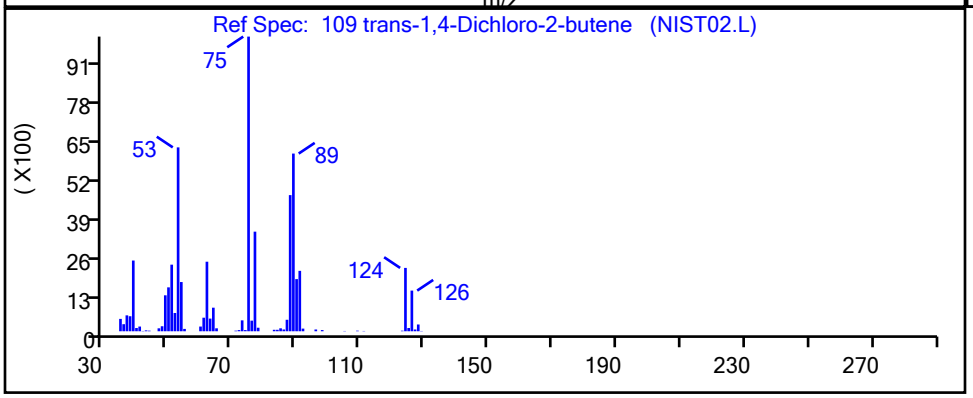
Processing Results











RT	Mass	Response	Amount
9.37	75.00	305	0.084662
9.35	53.00	250	

Reviewer: NN6A, 12-Aug-2025 08:51:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

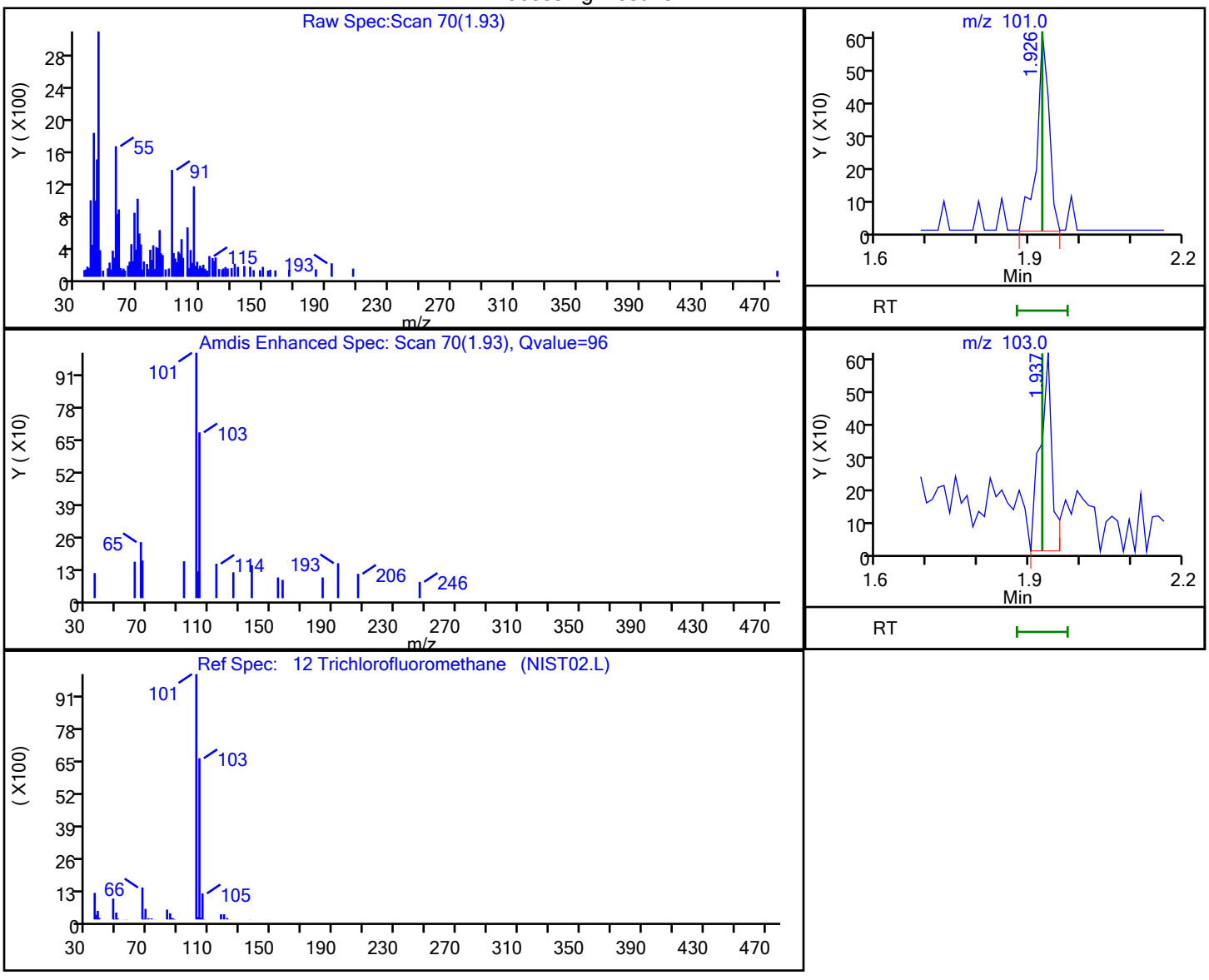
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.93	101.00	1027	0.233943
1.94	103.00	1009	

Reviewer: NN6A, 12-Aug-2025 08:50:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

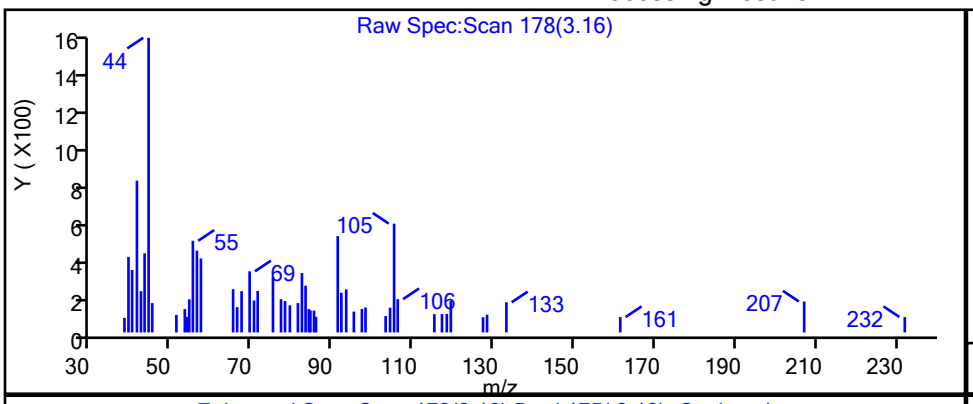
User Disabled Compound Report

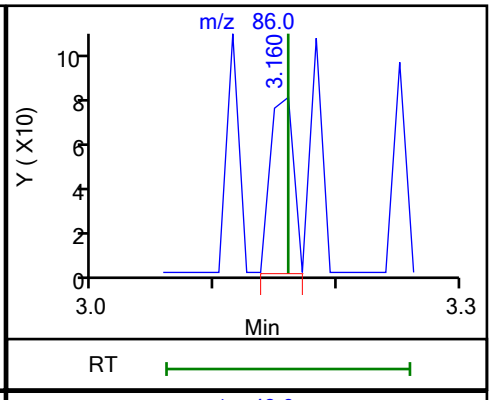
Eurofins Edison

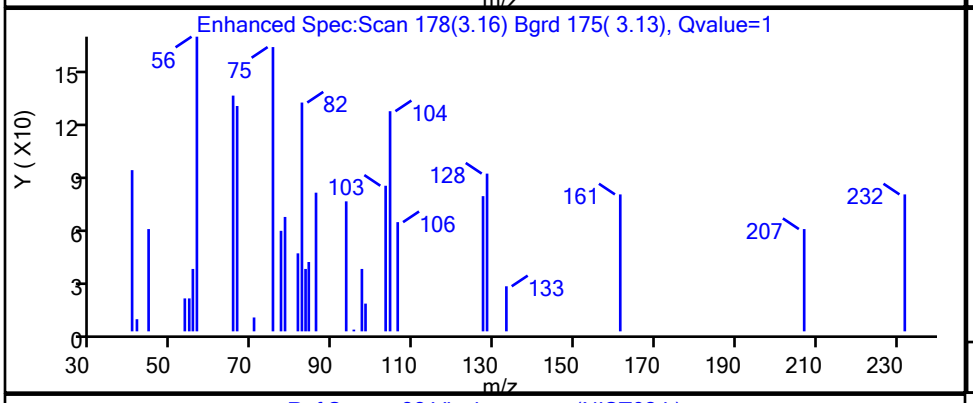
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71218.D
Injection Date: 12-Aug-2025 08:06:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

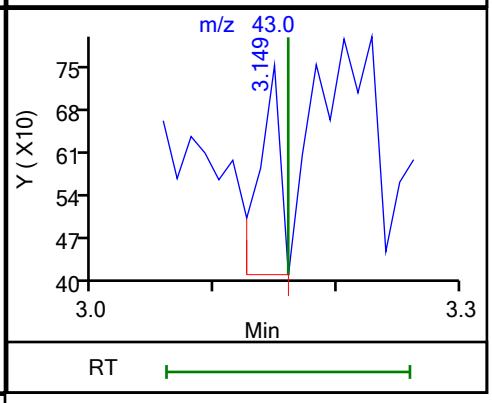
38 Vinyl acetate, CAS: 108-05-4

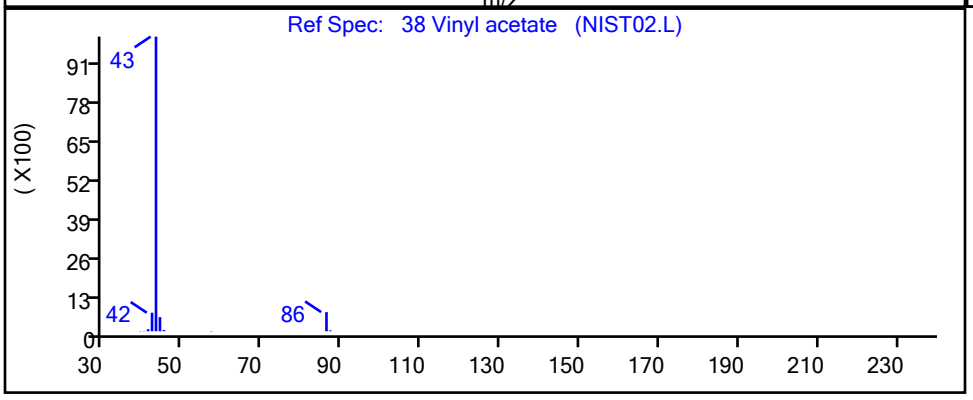
Processing Results











RT	Mass	Response	Amount
3.16	86.00	106	0.211688
3.15	43.00	422	

Reviewer: NN6A, 12-Aug-2025 08:50:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Aug-2025 08:55:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0194792-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:03 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: NN6A Date: 12-Aug-2025 11:00:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	54	555	1.00	0.8792	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	96	3023	1.00	0.9519	
5 Chlorodifluoromethane	67	1.263	1.262	0.001	97	812	1.00	0.9815	
6 Chloromethane	50	1.388	1.388	0.000	96	3774	1.00	1.18	
7 Vinyl chloride	62	1.468	1.468	0.000	97	2680	1.00	1.13	
8 Butadiene	54	1.491	1.491	0.000	97	2141	1.00	1.04	
9 Bromomethane	94	1.708	1.708	0.000	93	2275	1.00	1.27	
10 Chloroethane	64	1.777	1.777	0.000	79	1704	1.00	1.24	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	98	4613	1.00	1.05	
12 Trichlorofluoromethane	101	1.937	1.925	0.012	98	3694	1.00	1.10	
13 Pentane	57	1.971	1.971	0.000	96	1428	2.00	3.22	M
14 Ethanol	46	2.063	2.063	0.000	49	353	40.0	49.9	M
15 Ethyl ether	59	2.120	2.120	0.000	90	3582	1.00	0.9870	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	88	2132	1.00	1.15	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	86	2117	1.00	1.06	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	94	4013	1.00	1.15	
19 Acrolein	56	2.245	2.245	0.000	83	2021	4.00	4.04	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	95	2296	1.00	0.9645	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	2676	1.00	1.15	
22 Acetone	58	2.348	2.348	0.000	84	1045	5.00	5.70	
24 Isopropyl alcohol	45	2.405	2.405	0.000	62	1223	10.0	10.0	
23 Iodomethane	142	2.417	2.417	0.000	93	1371	1.00	0.3632	
25 Carbon disulfide	76	2.451	2.451	0.000	98	8699	1.00	1.10	
28 Methyl acetate	43	2.554	2.554	0.000	97	2720	2.00	2.01	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	88	2546	1.00	1.10	
26 Acetonitrile	40	2.577	2.577	0.000	31	1490	10.0	7.69	a
29 Cyclopentene	67	2.588	2.577	0.011	89	7308	1.00	1.18	
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	196577	1000.0	1000.0	
30 Methylene Chloride	84	2.657	2.645	0.012	87	3623	1.00	1.32	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	96	2155	10.0	12.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.806	2.794	0.012	96	7068	1.00	1.04	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	92	3083	1.00	1.20	
33 Acrylonitrile	53	2.851	2.851	0.000	95	7816	10.0	10.3	
36 Hexane	57	2.966	2.965	0.001	92	2793	1.00	1.12	
39 Isopropyl ether	45	3.137	3.137	0.000	92	7784	1.00	1.12	
37 1,1-Dichloroethane	63	3.148	3.148	0.000	83	4858	1.00	1.11	
38 Vinyl acetate	86	3.160	3.160	0.000	99	931	2.00	2.67	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	88	2417	1.00	1.09	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	89	6976	1.00	1.00	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	99	223087	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	47	1106	1.00	1.28	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	96	3162	1.00	1.14	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	97	1385	5.00	5.75	
47 Ethyl acetate	43	3.617	3.617	0.000	79	8985	2.00	2.19	
48 Methyl acrylate	55	3.663	3.663	0.000	98	3363	1.00	1.01	
42 Propionitrile	54	3.708	3.708	0.000	93	3056	10.0	11.1	a
49 Chlorobromomethane	128	3.800	3.800	0.000	84	1567	1.00	1.14	
50 Methacrylonitrile	67	3.811	3.811	0.000	91	9971	10.0	11.1	
51 Tetrahydrofuran	42	3.811	3.811	0.000	29	1840	2.00	2.52	
52 Chloroform	83	3.846	3.846	0.000	97	4707	1.00	1.04	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	95	155396	50.0	51.1	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	35	4257	1.00	1.09	
55 Cyclohexane	84	3.994	3.994	0.000	32	3941	1.00	1.17	
56 Carbon tetrachloride	117	4.109	4.108	0.001	95	3942	1.00	1.11	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	94	3479	1.00	1.02	
61 Isobutyl alcohol	43	4.200	4.200	0.000	87	2347	25.0	33.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.303	4.291	0.012	98	158485	50.0	50.3	
59 Benzene	78	4.303	4.303	0.000	44	11016	1.00	1.07	
62 Isooctane	57	4.303	4.303	0.000	33	4884	1.00	1.05	
63 Isopropyl acetate	43	4.337	4.348	-0.011	97	6403	1.00	1.08	
60 1,2-Dichloroethane	62	4.371	4.360	0.011	74	3830	1.00	1.01	
64 Tert-amyl methyl ether	73	4.371	4.371	0.000	91	7734	1.00	1.10	
66 n-Heptane	43	4.463	4.463	0.000	78	2050	1.00	1.13	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	569079	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	22	1623	25.0	25.4	M
67 Trichloroethene	95	4.886	4.886	0.000	96	3036	1.00	1.02	
69 Ethyl acrylate	55	4.989	4.989	0.000	96	4077	1.00	1.27	
70 Methylcyclohexane	83	5.023	5.023	0.000	94	3845	1.00	1.07	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	76	2861	1.00	1.10	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	89	24756	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	88	1510	2.00	2.26	
74 1,4-Dioxane	88	5.240	5.240	0.000	38	1191	50.0	64.0	
73 Dibromomethane	93	5.251	5.251	0.000	91	1878	1.00	1.06	
76 n-Propyl acetate	43	5.263	5.263	0.000	97	3867	1.00	1.26	M
77 Dichlorobromomethane	83	5.389	5.389	0.000	96	3692	1.00	0.9812	
78 2-Nitropropane	41	5.686	5.686	0.000	78	1529	2.00	2.68	M
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	79	1569	1.00	0.9770	
80 Epichlorohydrin	57	5.789	5.789	0.000	99	4813	20.0	21.0	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	87	5093	1.00	1.09	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	98	9572	5.00	5.10	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	550510	50.0	49.5	
84 Toluene	91	6.189	6.189	0.000	92	12306	1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	92	4419	1.00	1.05	
86 Ethyl methacrylate	69	6.543	6.543	0.000	83	3464	1.00	1.10	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	95	2729	1.00	1.15	
88 Tetrachloroethene	166	6.772	6.772	0.000	88	2420	1.00	0.9765	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	86	3932	1.00	1.04	
90 2-Hexanone	43	6.966	6.966	0.000	98	6931	5.00	5.12	
92 n-Butyl acetate	43	7.092	7.092	0.000	96	4058	1.00	1.20	
91 Chlorodibromomethane	129	7.115	7.114	0.001	94	2976	1.00	0.9011	
93 Ethylene Dibromide	107	7.263	7.263	0.000	96	2417	1.00	0.9380	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	423617	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	96	7653	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	3090	1.00	1.15	
97 Ethylbenzene	106	7.960	7.960	0.000	97	3850	1.00	1.03	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	95	4998	1.00	1.07	
101 n-Butyl acrylate	73	8.612	8.612	0.000	74	2405	1.00	1.12	
99 o-Xylene	106	8.623	8.623	0.000	91	5212	1.00	1.13	
100 Styrene	104	8.646	8.646	0.000	94	7476	1.00	0.9799	
102 Bromoform	173	8.852	8.852	0.000	94	1793	1.00	1.03	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	92	3824	1.00	1.02	
104 Isopropylbenzene	105	9.012	9.012	0.000	94	10352	1.00	1.01	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	86	154404	50.0	48.3	
106 Bromobenzene	156	9.298	9.298	0.000	97	3208	1.00	1.10	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	97	2916	1.00	0.9119	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	60	3846	1.00	1.08	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	14271	1.00	1.12	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	87	3846	1.00	1.08	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	10138	1.00	1.13	
112 4-Ethyltoluene	105	9.480	9.480	0.000	98	11914	1.00	1.10	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	93	9292	1.00	1.02	
113 4-Chlorotoluene	91	9.560	9.560	0.000	96	10726	1.00	1.14	
115 Butyl Methacrylate	87	9.618	9.618	0.000	88	3872	1.00	1.05	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	7849	1.00	1.04	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	96	11442	1.00	1.15	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	13265	1.00	1.19	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	94	5434	1.00	1.04	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	9727	1.00	1.04	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	95	220705	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.075	10.086	-0.011	91	5661	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	96	11073	1.00	1.07	a
124 Benzyl chloride	126	10.166	10.178	-0.012	97	1003	1.00	0.8912	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	95	9651	1.00	1.05	
127 p-Diethylbenzene	119	10.269	10.269	0.000	93	5828	1.00	1.04	
128 n-Butylbenzene	92	10.281	10.292	-0.011	96	4537	1.00	1.01	
126 1,2-Dichlorobenzene	146	10.315	10.315	0.000	93	5219	1.00	1.00	
130 1,2,4,5-Tetramethylbenzene	119	10.726	10.738	-0.012	96	9605	1.00	1.02	
129 1,2-Dibromo-3-Chloropropane	157	10.772	10.783	-0.011	38	1059	1.00	1.01	
131 1,3,5-Trichlorobenzene	180	10.875	10.886	-0.011	94	3650	1.00	1.10	
132 1,2,4-Trichlorobenzene	180	11.264	11.275	-0.011	93	3528	1.00	1.12	
133 Hexachlorobutadiene	225	11.344	11.355	-0.011	88	1032	1.00	1.12	
134 Naphthalene	128	11.424	11.435	-0.011	99	10059	1.00	1.07	
135 1,2,3-Trichlorobenzene	180	11.595	11.606	-0.011	96	3355	1.00	1.11	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.35	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		2.00	2.20	
S 139 Total BTEX	1				0		5.00	5.43	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00656	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00209	Amount Added:	10.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
14DIOXINTER_00187	Amount Added:	30.00	Units: uL	
524FREONS_00038	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

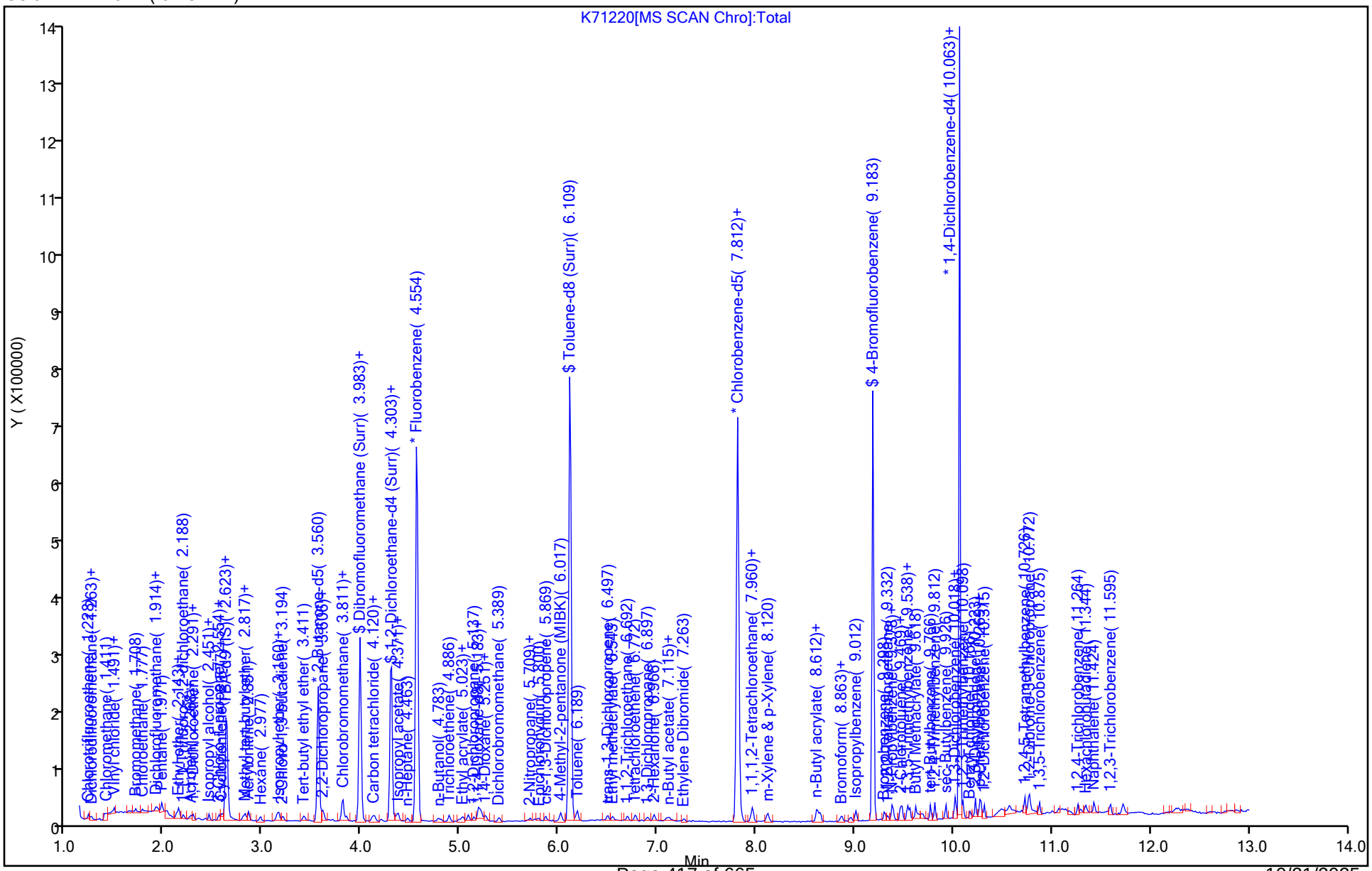
Report Date: 15-Aug-2025 08:40:04 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D

Injection Date:	12-Aug-2025 08:55:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

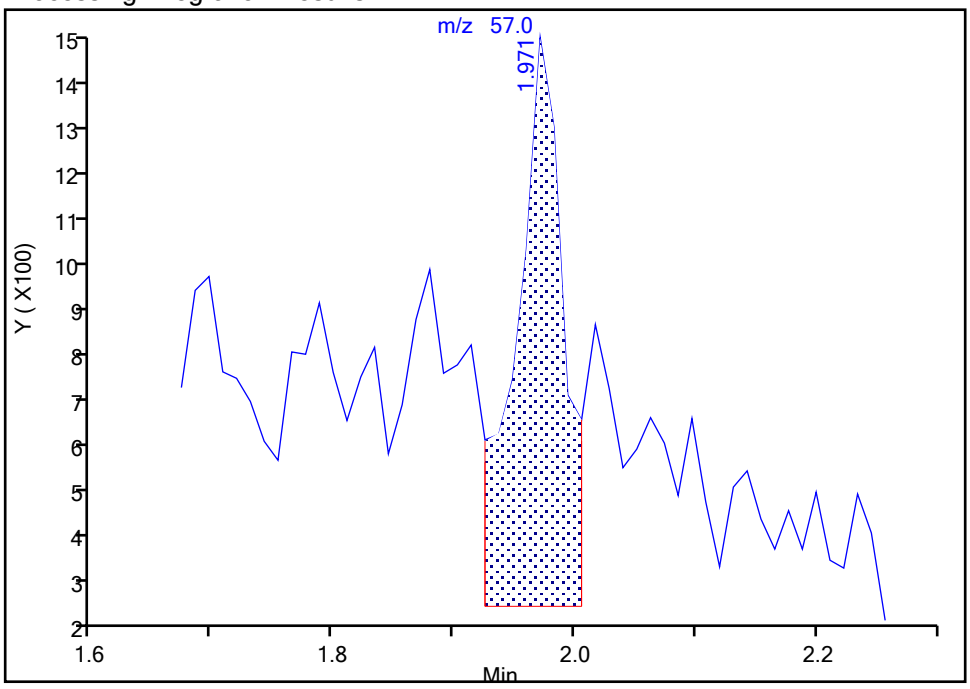
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

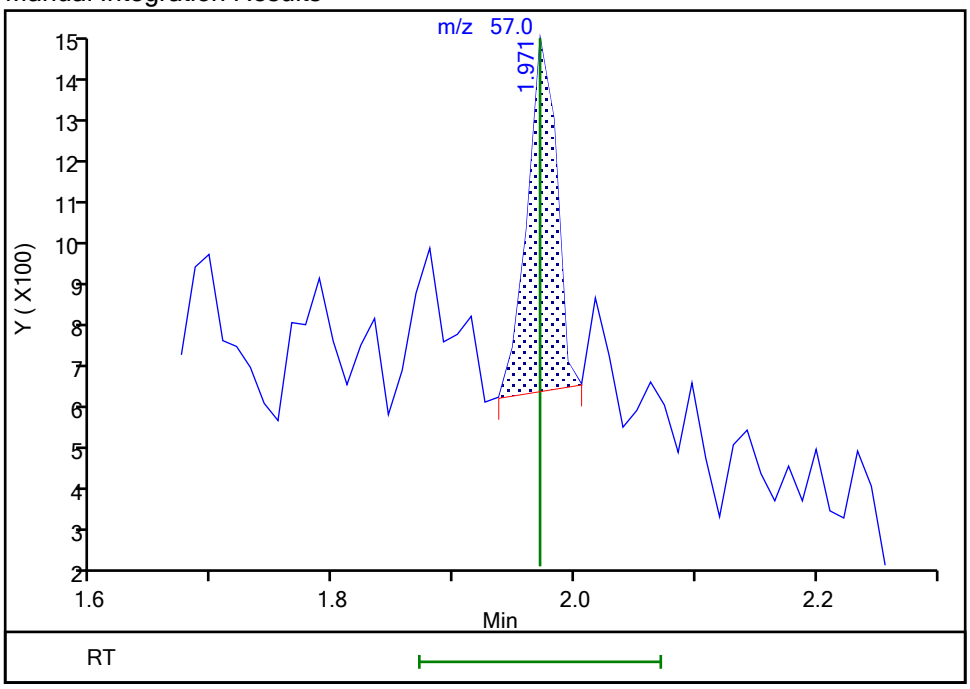
Processing Integration Results

RT: 1.97
Area: 3510
Amount: 7.869114
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 1428
Amount: 3.220731
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:15:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

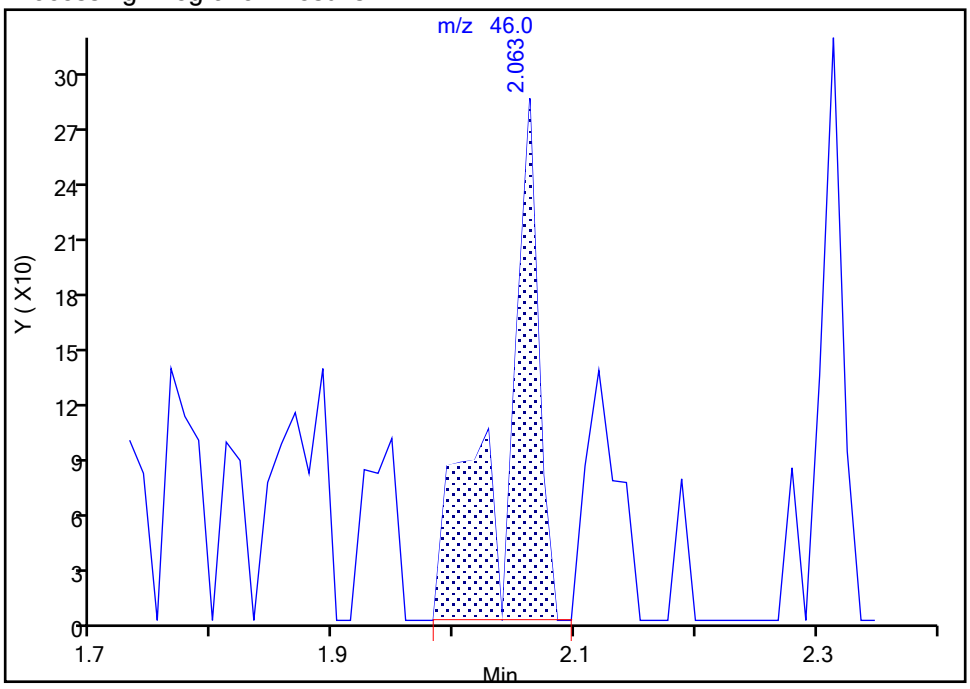
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

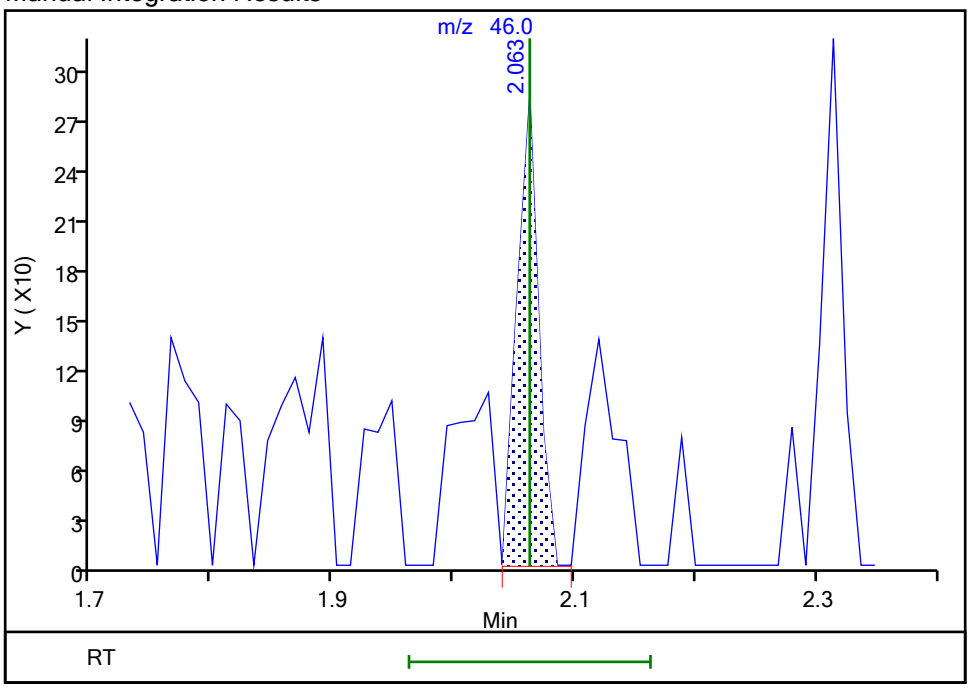
Processing Integration Results

RT: 2.06
Area: 601
Amount: 74.667627
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 353
Amount: 49.909582
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:56:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

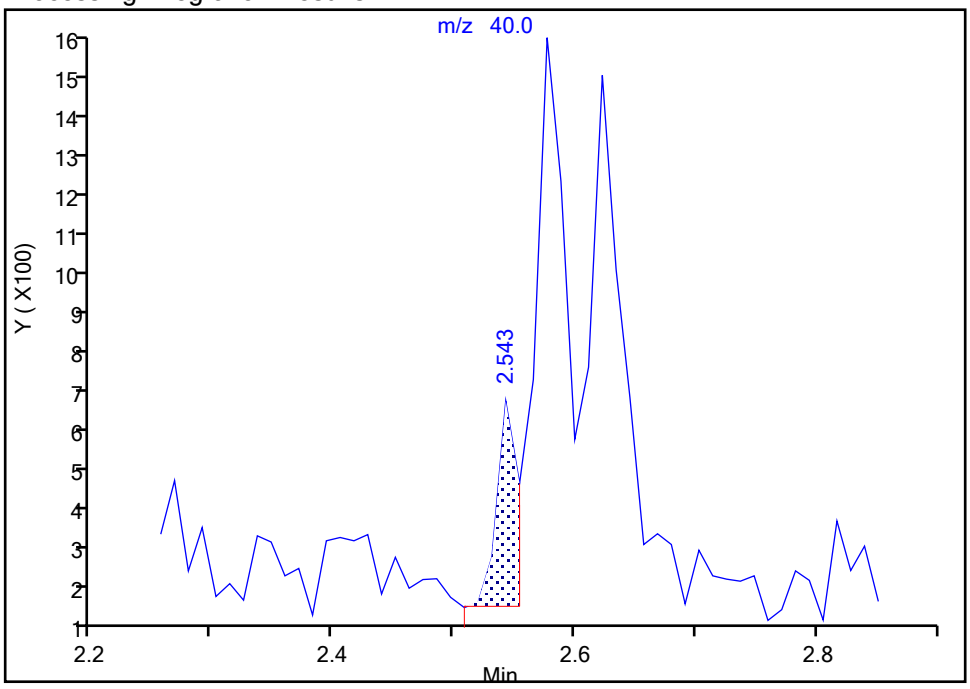
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

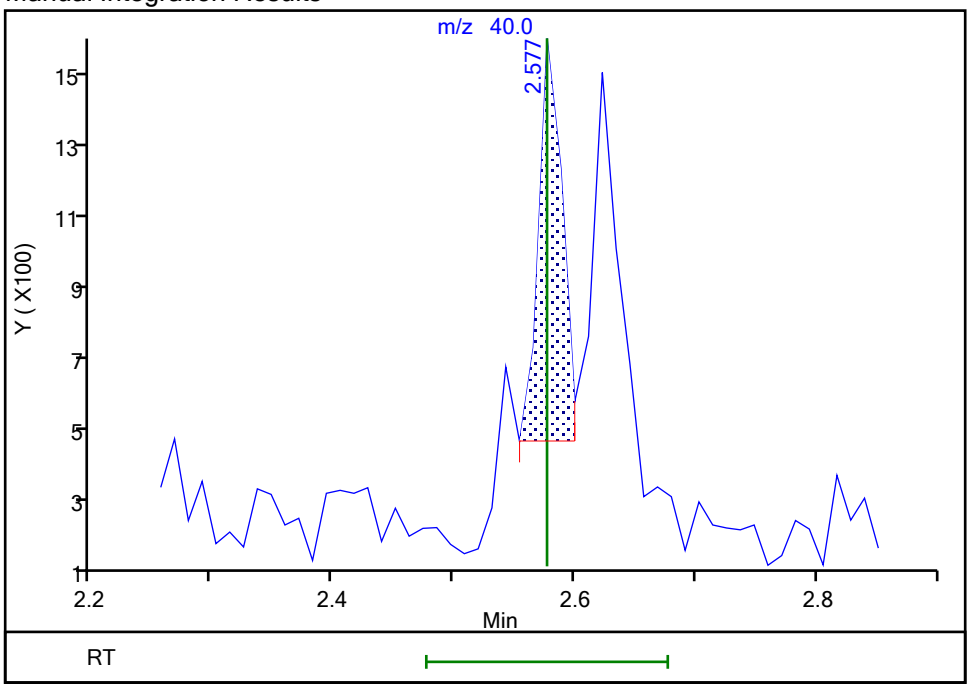
Processing Integration Results

RT: 2.54
Area: 643
Amount: 2.985158
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 1490
Amount: 7.687522
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:56:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

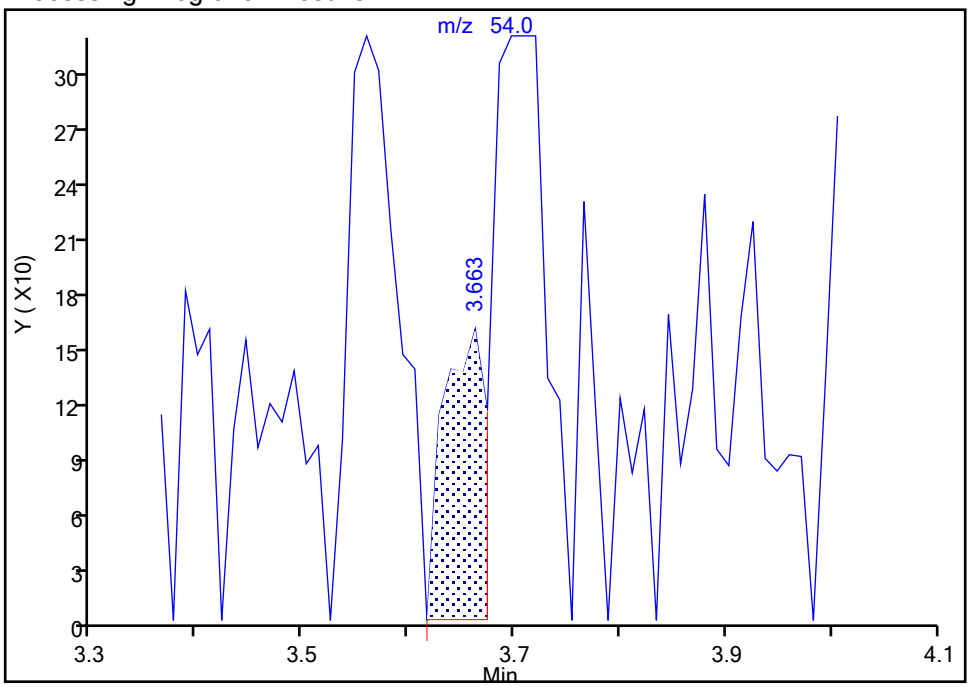
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Signal: 1

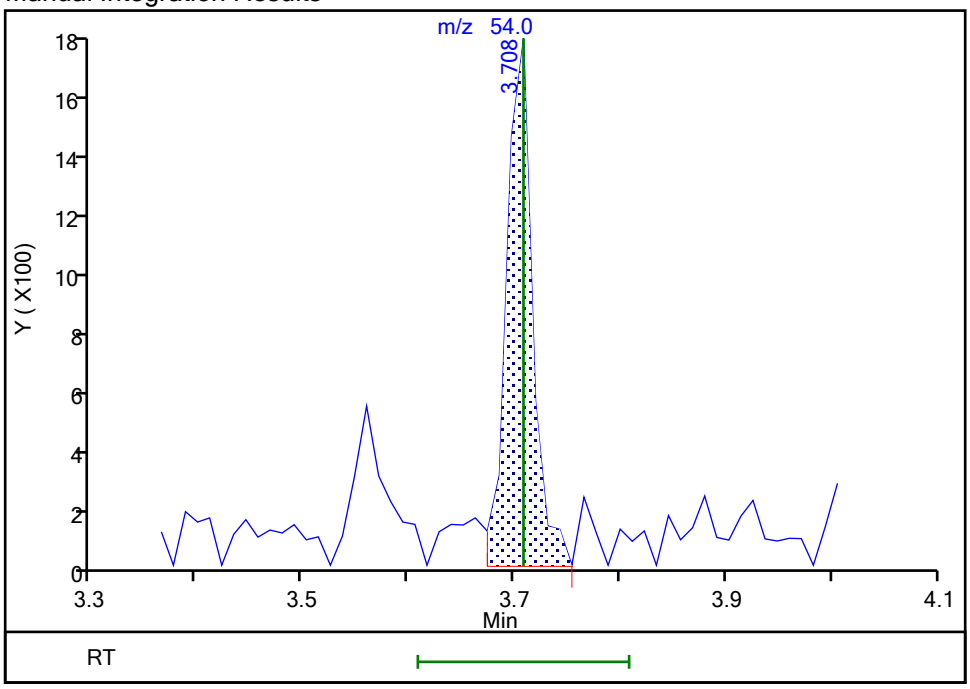
Processing Integration Results

RT: 3.66
Area: 454
Amount: 1.617948
Amount Units: ug/l



Manual Integration Results

RT: 3.71
Area: 3056
Amount: 11.118266
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:57:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

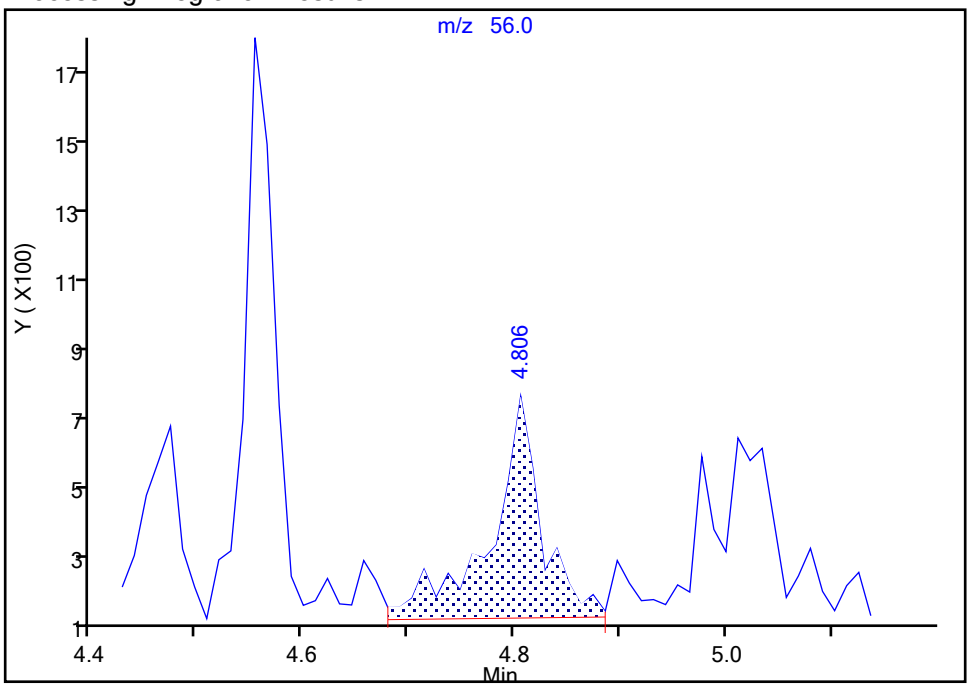
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

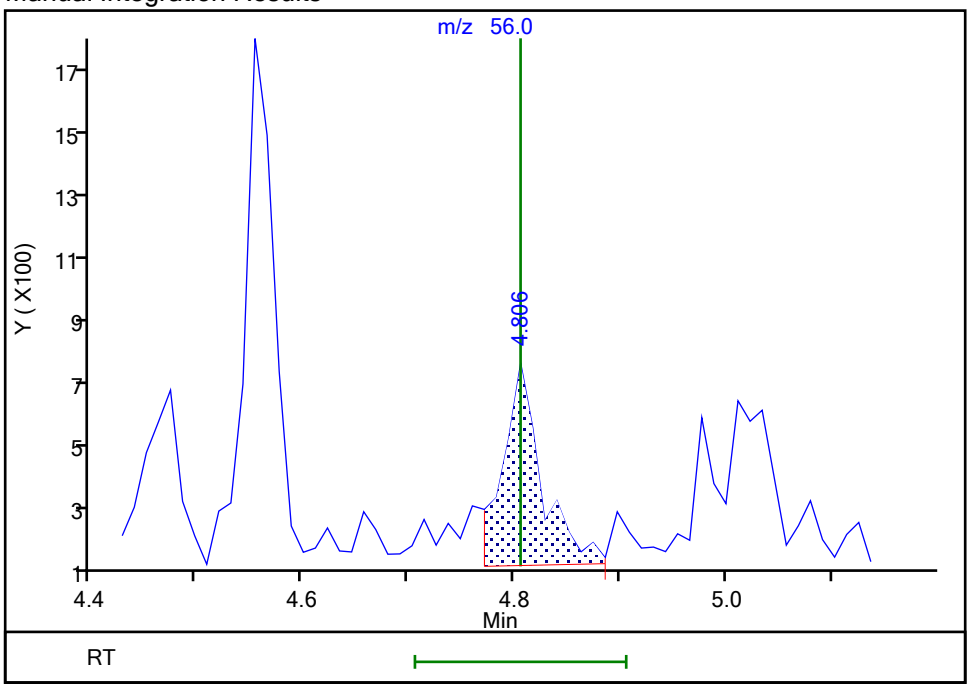
Processing Integration Results

RT: 4.81
Area: 2122
Amount: 52.693584
Amount Units: ug/l



Manual Integration Results

RT: 4.81
Area: 1623
Amount: 25.380110
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:57:14 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

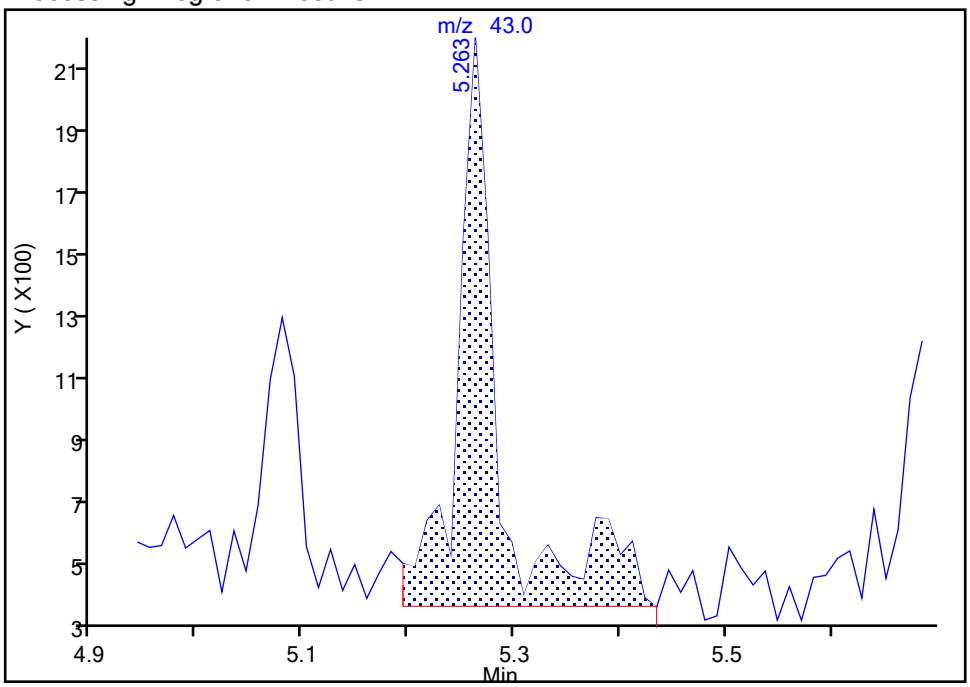
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

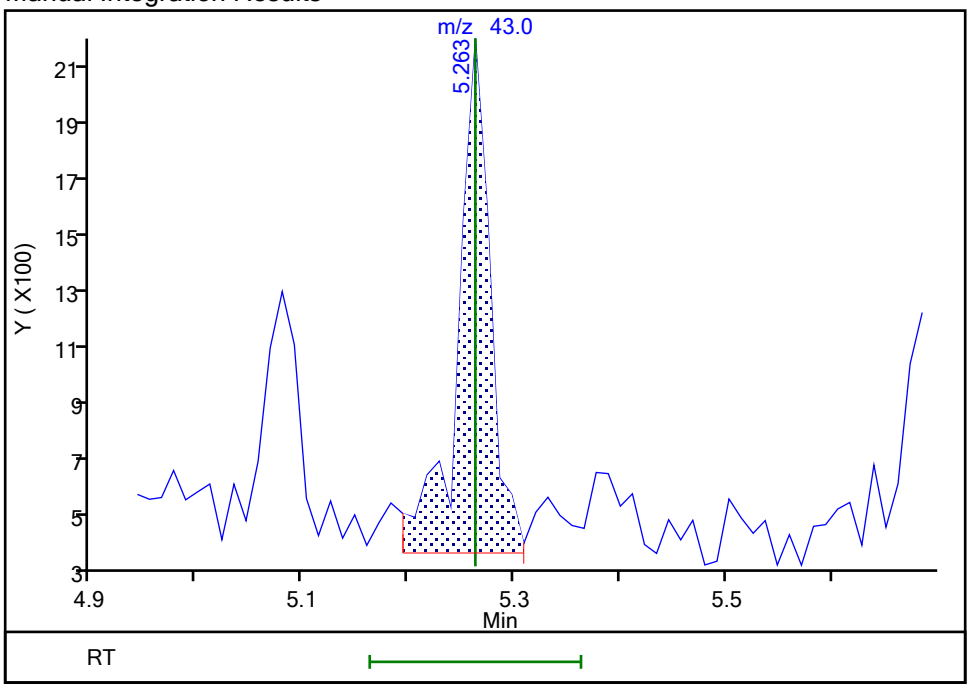
Processing Integration Results

RT: 5.26
Area: 4974
Amount: 1.834950
Amount Units: ug/l



Manual Integration Results

RT: 5.26
Area: 3867
Amount: 1.256443
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:57:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

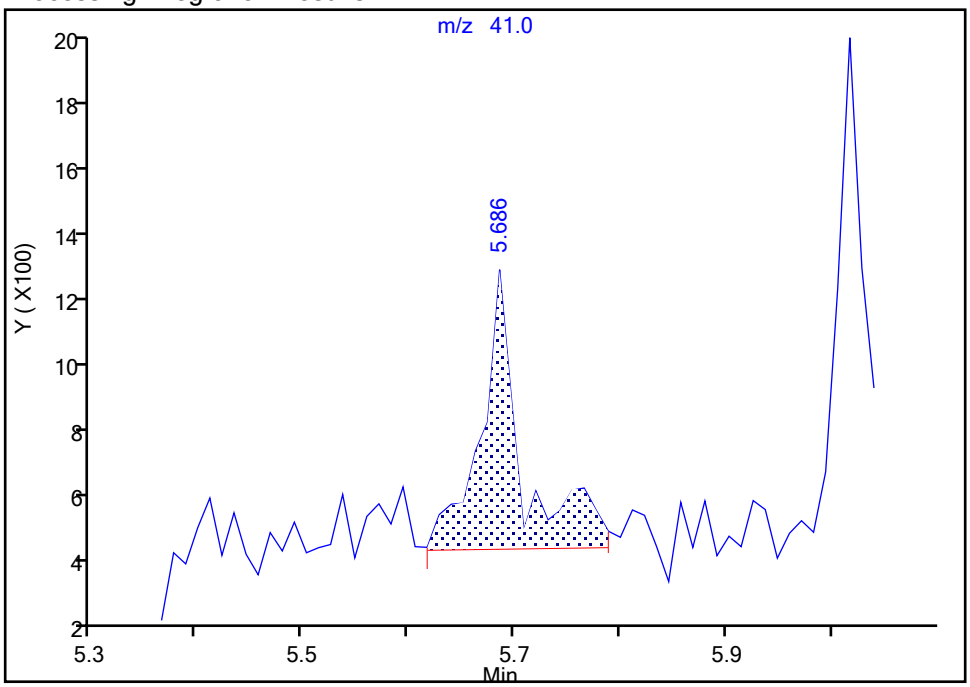
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

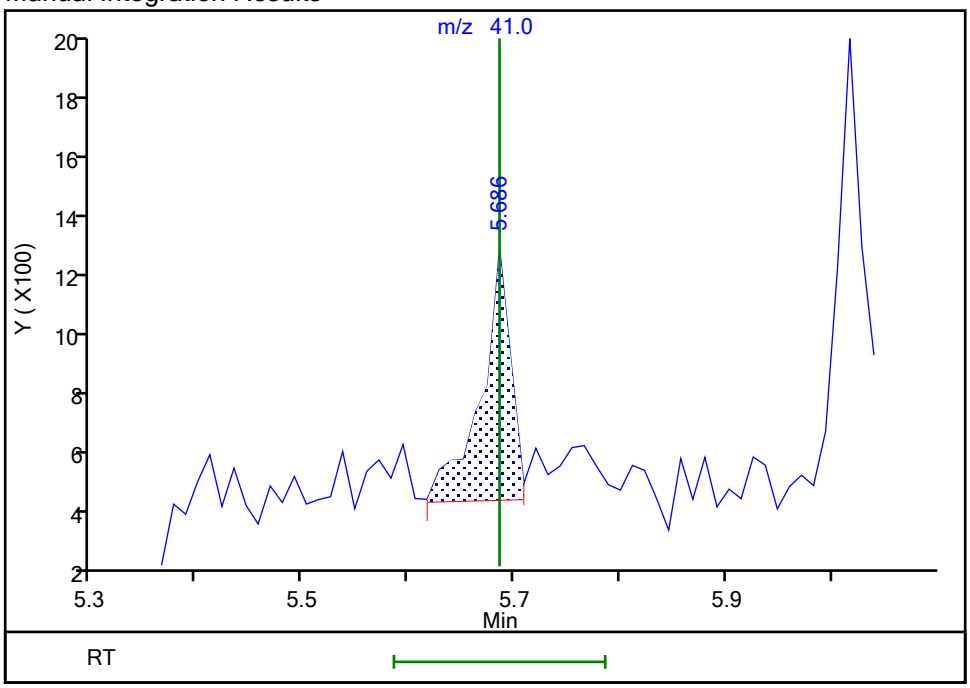
Processing Integration Results

RT: 5.69
Area: 2089
Amount: 4.219394
Amount Units: ug/l



Manual Integration Results

RT: 5.69
Area: 1529
Amount: 2.676767
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:57:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

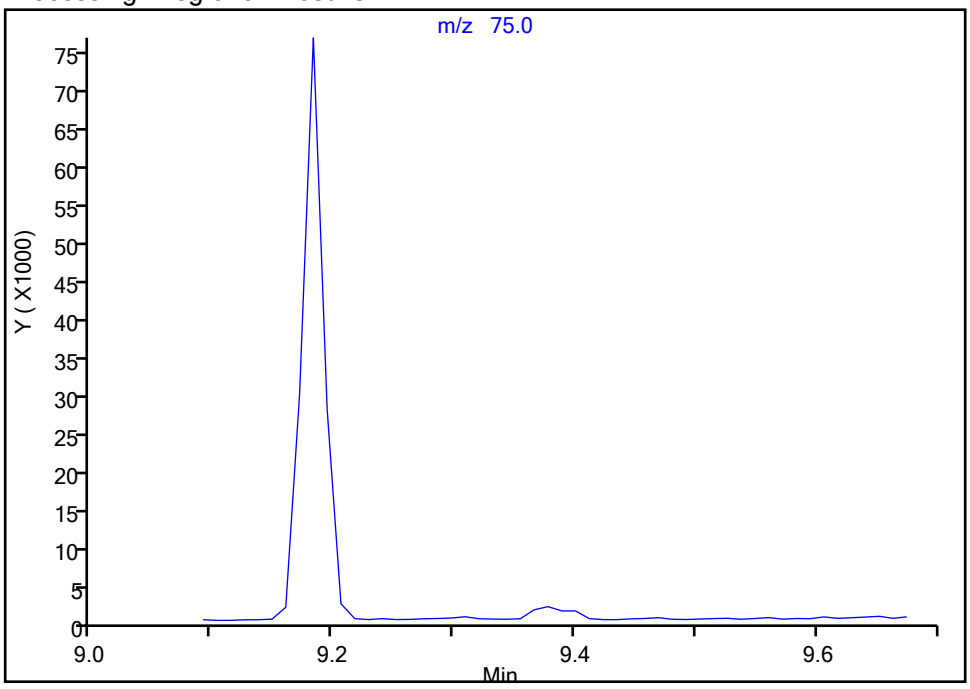
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

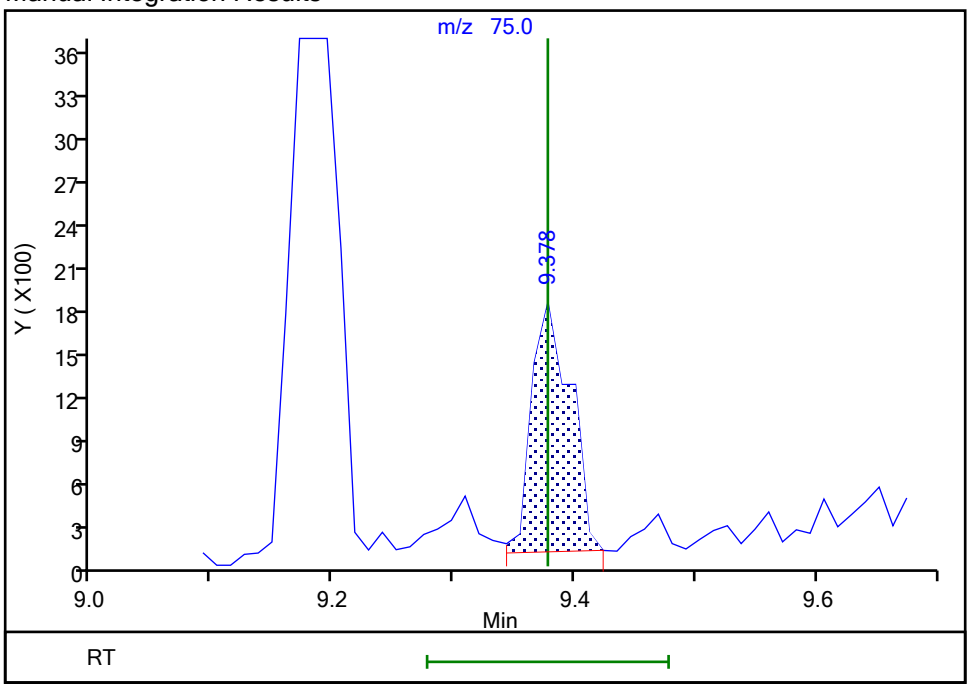
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 3846
Amount: 1.078723
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:57:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

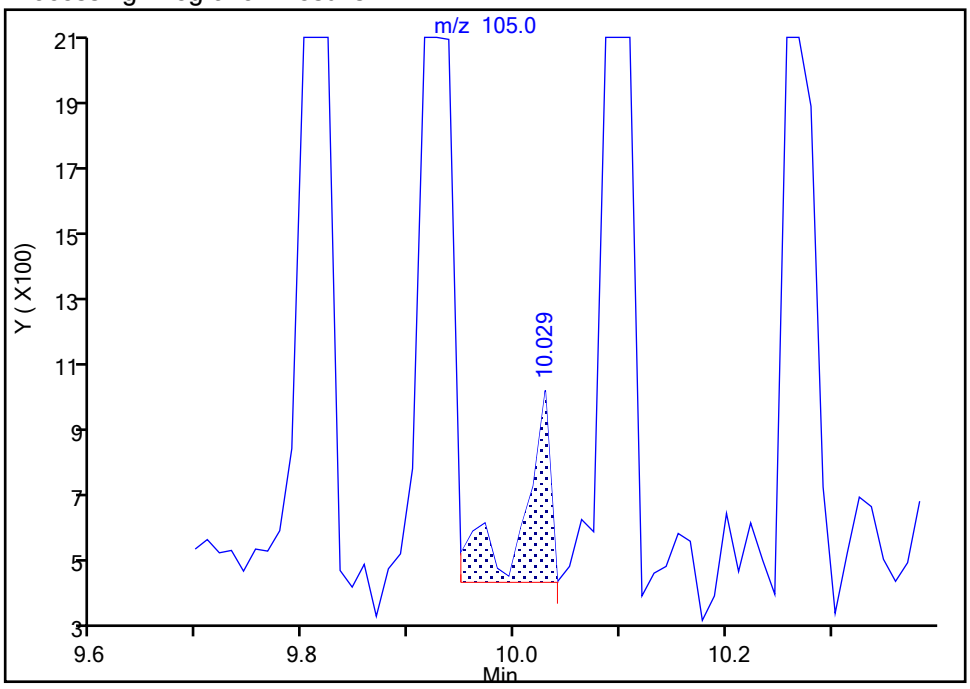
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71220.D
Injection Date: 12-Aug-2025 08:55:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

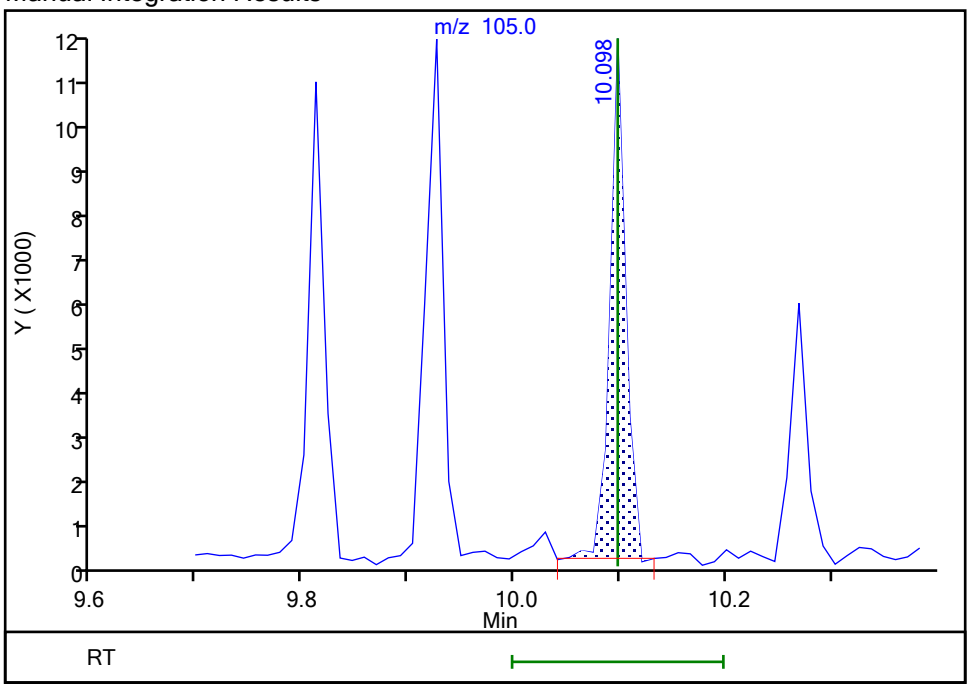
Processing Integration Results

RT: 10.03
Area: 1012
Amount: 0.109469
Amount Units: ug/l



Manual Integration Results

RT: 10.10
Area: 11073
Amount: 1.073542
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 19:58:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71221.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Aug-2025 09:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0194792-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:09 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: K0HS Date: 12-Aug-2025 12:46:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	86	2923	5.00	4.69	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	99	15698	5.00	4.86	
5 Chlorodifluoromethane	67	1.262	1.262	0.000	98	2866	5.00	5.65	
6 Chloromethane	50	1.388	1.388	0.000	99	16482	5.00	5.06	
7 Vinyl chloride	62	1.468	1.468	0.000	98	12183	5.00	5.05	
8 Butadiene	54	1.491	1.491	0.000	96	11229	5.00	5.34	
9 Bromomethane	94	1.708	1.708	0.000	97	9576	5.00	5.26	
10 Chloroethane	64	1.777	1.777	0.000	98	7424	5.00	5.31	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	99	26025	5.00	5.80	
12 Trichlorofluoromethane	101	1.925	1.925	0.000	97	17930	5.00	5.25	
13 Pentane	57	1.971	1.971	0.000	97	6009	10.0	13.4	
14 Ethanol	46	2.063	2.063	0.000	98	1215	200.0	170.7	
15 Ethyl ether	59	2.120	2.120	0.000	95	11120	5.00	5.35	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	86	9847	5.00	5.22	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	84	9544	5.00	4.69	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	97	17388	5.00	4.88	
19 Acrolein	56	2.245	2.245	0.000	96	6212	20.0	18.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	94	13369	5.00	5.52	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	12541	5.00	5.32	
22 Acetone	58	2.348	2.348	0.000	86	4343	25.0	24.0	
24 Isopropyl alcohol	45	2.405	2.405	0.000	64	4904	50.0	49.3	
23 Iodomethane	142	2.417	2.417	0.000	98	10558	5.00	2.75	
25 Carbon disulfide	76	2.451	2.451	0.000	98	43552	5.00	5.41	
28 Methyl acetate	43	2.554	2.554	0.000	97	14800	10.0	10.9	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	89	12433	5.00	5.31	
26 Acetonitrile	40	2.577	2.577	0.000	67	11651	50.0	59.7	
29 Cyclopentene	67	2.588	2.577	0.011	93	33388	5.00	5.30	
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	197852	1000.0	1000.0	
30 Methylene Chloride	84	2.657	2.645	0.012	87	14109	5.00	5.05	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	98	9123	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.805	2.794	0.011	96	36514	5.00	5.27	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	97	13283	5.00	5.11	
33 Acrylonitrile	53	2.851	2.851	0.000	95	40563	50.0	52.8	
36 Hexane	57	2.977	2.965	0.012	90	12769	5.00	5.05	
39 Isopropyl ether	45	3.137	3.137	0.000	94	37891	5.00	5.35	
37 1,1-Dichloroethane	63	3.148	3.148	0.000	99	23831	5.00	5.35	
38 Vinyl acetate	86	3.160	3.160	0.000	100	3828	10.0	11.1	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	88	11790	5.00	5.23	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	89	38249	5.00	5.37	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	100	220201	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	93	4274	5.00	4.85	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	97	14712	5.00	5.22	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	98	6645	25.0	27.9	
47 Ethyl acetate	43	3.617	3.617	0.000	96	43856	10.0	10.8	
48 Methyl acrylate	55	3.663	3.663	0.000	99	10733	5.00	4.90	
42 Propionitrile	54	3.708	3.708	0.000	94	14838	50.0	53.6	
49 Chlorobromomethane	128	3.800	3.800	0.000	83	7659	5.00	5.48	
50 Methacrylonitrile	67	3.811	3.811	0.000	91	48306	50.0	53.0	
51 Tetrahydrofuran	42	3.811	3.811	0.000	29	7736	10.0	10.7	
52 Chloroform	83	3.846	3.846	0.000	99	24431	5.00	5.30	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	95	155546	50.0	50.3	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	96	21710	5.00	5.46	
55 Cyclohexane	84	3.994	3.994	0.000	88	18694	5.00	5.47	
56 Carbon tetrachloride	117	4.108	4.108	0.000	99	18778	5.00	5.22	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	98	18133	5.00	5.24	
61 Isobutyl alcohol	43	4.200	4.200	0.000	96	8573	125.0	120.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.291	4.291	0.000	98	158454	50.0	49.4	
59 Benzene	78	4.303	4.303	0.000	96	53839	5.00	5.15	
62 Isooctane	57	4.303	4.303	0.000	54	25189	5.00	5.31	
63 Isopropyl acetate	43	4.348	4.348	0.000	99	32426	5.00	5.38	
60 1,2-Dichloroethane	62	4.360	4.360	0.000	73	17490	5.00	5.19	
64 Tert-amyl methyl ether	73	4.371	4.371	0.000	91	37090	5.00	5.17	
66 n-Heptane	43	4.463	4.463	0.000	89	9550	5.00	5.17	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	578553	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	97	5424	125.0	118.1	
67 Trichloroethene	95	4.886	4.886	0.000	98	15280	5.00	5.03	
69 Ethyl acrylate	55	4.989	4.989	0.000	97	16018	5.00	4.89	a
70 Methylcyclohexane	83	5.023	5.023	0.000	94	19152	5.00	5.26	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	88	13470	5.00	5.10	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	93	26806	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	84	7278	10.0	10.7	
74 1,4-Dioxane	88	5.240	5.240	0.000	28	2057	100.0	102.0	
73 Dibromomethane	93	5.251	5.251	0.000	90	9571	5.00	5.30	
76 n-Propyl acetate	43	5.263	5.263	0.000	99	15580	5.00	4.98	
77 Dichlorobromomethane	83	5.389	5.389	0.000	98	18853	5.00	4.93	
78 2-Nitropropane	41	5.686	5.686	0.000	94	5939	10.0	10.2	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	91	9094	5.01	5.57	
80 Epichlorohydrin	57	5.789	5.789	0.000	99	21352	100.0	106.9	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	22956	5.00	4.85	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	95	49708	25.0	26.8	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	557592	50.0	49.6	
84 Toluene	91	6.189	6.189	0.000	94	57604	5.00	5.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	94	21506	5.00	5.07	
86 Ethyl methacrylate	69	6.543	6.543	0.000	87	16342	5.00	5.13	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	96	11420	5.00	5.31	
88 Tetrachloroethene	166	6.772	6.772	0.000	92	12825	5.00	5.12	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	92	19678	5.00	5.16	
90 2-Hexanone	43	6.966	6.966	0.000	95	35500	25.0	26.6	
92 n-Butyl acetate	43	7.092	7.092	0.000	98	17027	5.00	5.00	
91 Chlorodibromomethane	129	7.114	7.114	0.000	96	14958	5.00	5.00	
93 Ethylene Dibromide	107	7.263	7.263	0.000	99	13957	5.00	5.36	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	84	428015	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	97	38887	5.00	5.25	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	14102	5.00	5.18	
97 Ethylbenzene	106	7.960	7.960	0.000	98	20411	5.00	5.40	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	97	24056	5.00	5.10	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	10830	5.00	4.98	
99 o-Xylene	106	8.623	8.623	0.000	94	24221	5.00	5.20	
100 Styrene	104	8.646	8.646	0.000	96	40821	5.00	5.30	
102 Bromoform	173	8.852	8.852	0.000	90	8545	5.00	4.85	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	91	20278	5.00	5.37	
104 Isopropylbenzene	105	9.012	9.012	0.000	95	54501	5.00	5.27	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	86	155550	50.0	48.2	
106 Bromobenzene	156	9.298	9.298	0.000	96	15649	5.00	5.36	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	15123	5.00	5.37	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	76	19973	5.00	5.58	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	69334	5.00	5.44	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	95	19973	5.00	5.58	
111 2-Chlorotoluene	91	9.458	9.458	0.000	97	49126	5.00	5.44	
112 4-Ethyltoluene	105	9.480	9.480	0.000	98	59841	5.00	5.50	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	96	51042	5.00	5.56	
113 4-Chlorotoluene	91	9.560	9.560	0.000	97	51456	5.00	5.46	
115 Butyl Methacrylate	87	9.618	9.618	0.000	86	19069	5.00	5.17	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	41388	5.00	5.49	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	55354	5.00	5.55	
118 sec-Butylbenzene	105	9.926	9.926	0.000	100	59959	5.00	5.38	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	95	28955	5.00	5.55	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	52204	5.00	5.57	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	96	221505	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	95	29928	5.00	5.54	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	57099	5.00	5.52	
124 Benzyl chloride	126	10.178	10.178	0.000	99	6363	5.00	5.63	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	94	51472	5.00	5.58	
127 p-Diethylbenzene	119	10.269	10.269	0.000	93	31137	5.00	5.56	
128 n-Butylbenzene	92	10.281	10.292	-0.012	97	24436	5.00	5.42	
126 1,2-Dichlorobenzene	146	10.315	10.315	0.000	96	29236	5.00	5.58	
130 1,2,4,5-Tetramethylbenzene	119	10.738	10.738	0.000	97	52558	5.00	5.57	
129 1,2-Dibromo-3-Chloropropane	157	10.783	10.783	0.000	97	3476	5.00	4.87	
131 1,3,5-Trichlorobenzene	180	10.886	10.886	0.000	96	17764	5.00	5.35	
132 1,2,4-Trichlorobenzene	180	11.275	11.275	0.000	95	16760	5.00	5.29	
133 Hexachlorobutadiene	225	11.355	11.355	0.000	87	5049	5.00	5.46	
134 Naphthalene	128	11.435	11.435	0.000	99	51501	5.00	5.45	
135 1,2,3-Trichlorobenzene	180	11.606	11.606	0.000	97	16094	5.00	5.32	
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		10.0	10.3	
S 139 Total BTEX	1				0		25.0	26.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00656	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00209	Amount Added:	10.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
524FREONS_00038	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:40:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71221.D

Injection Date: 12-Aug-2025 09:19:30 Instrument ID: CVOAMS9 Operator ID:

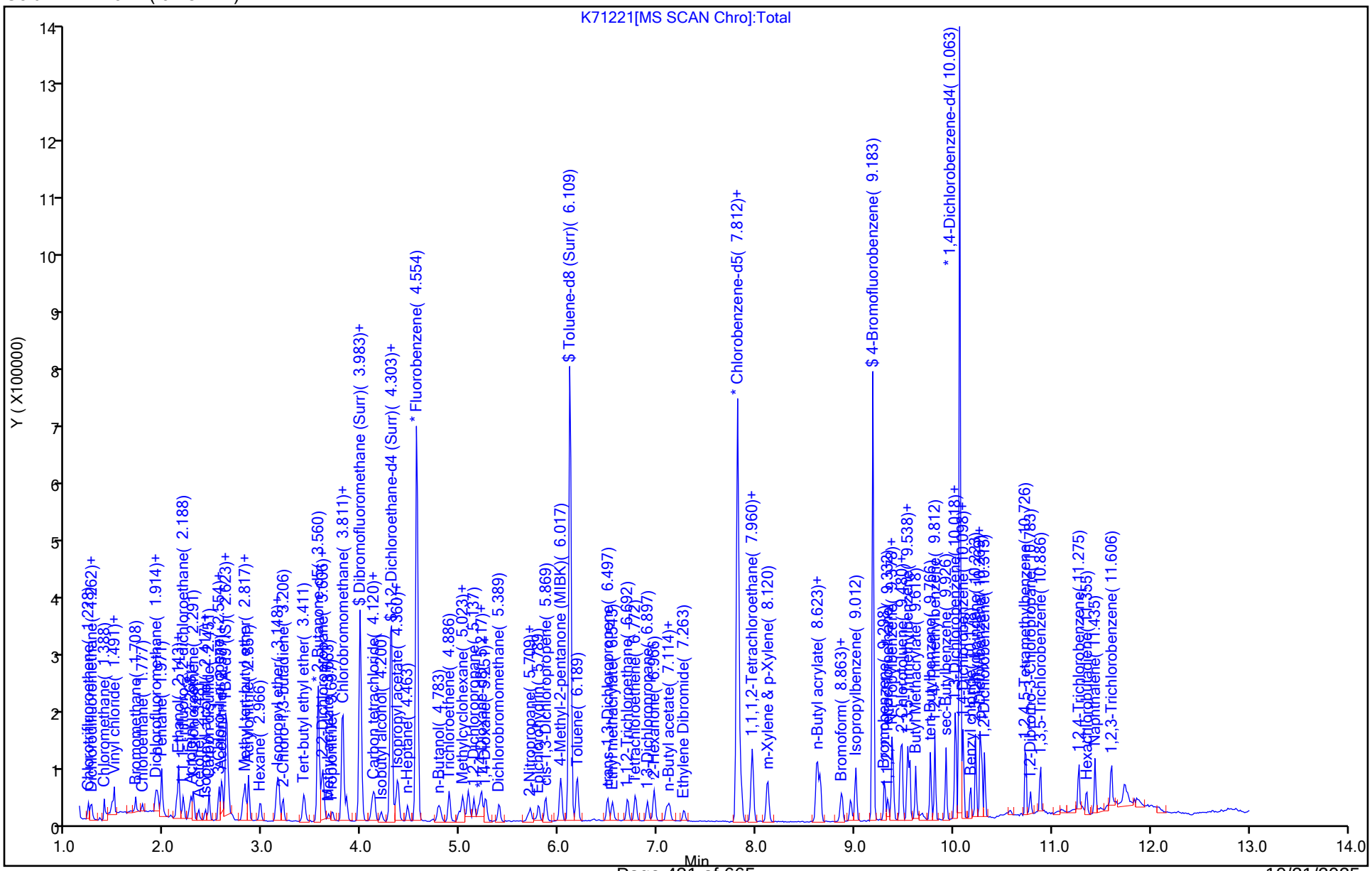
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

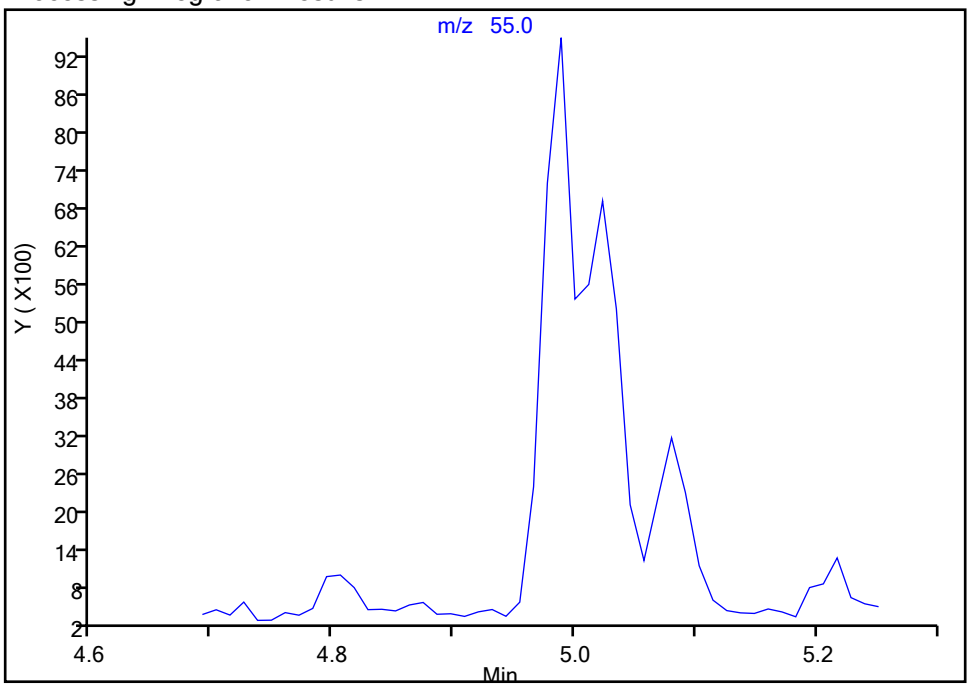
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71221.D
Injection Date: 12-Aug-2025 09:19:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

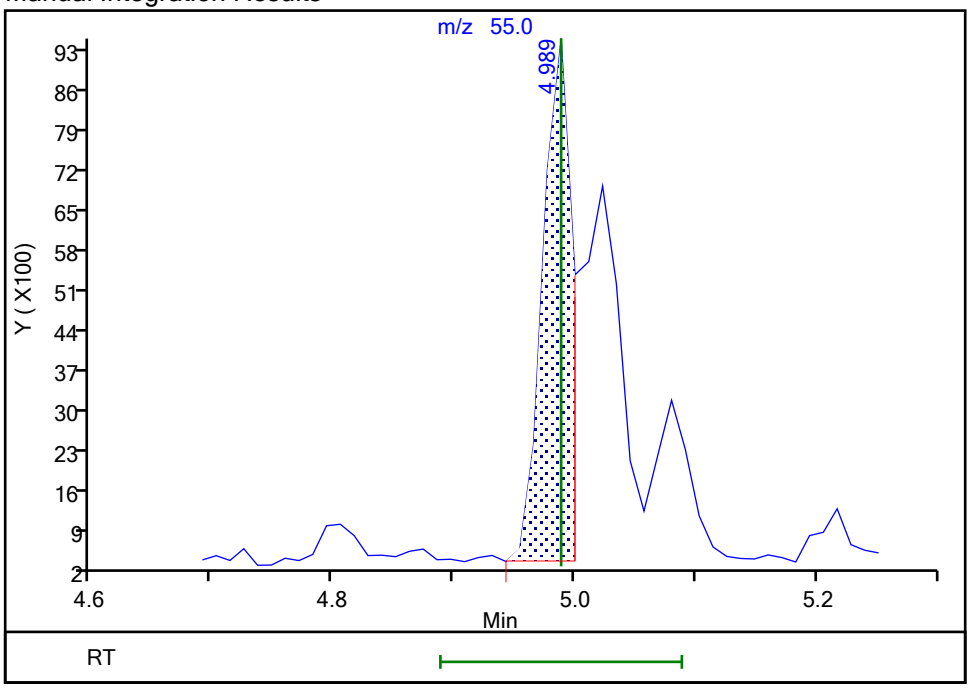
Not Detected
Expected RT: 4.99

Processing Integration Results



Manual Integration Results

RT: 4.99
Area: 16018
Amount: 4.889169
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:00:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

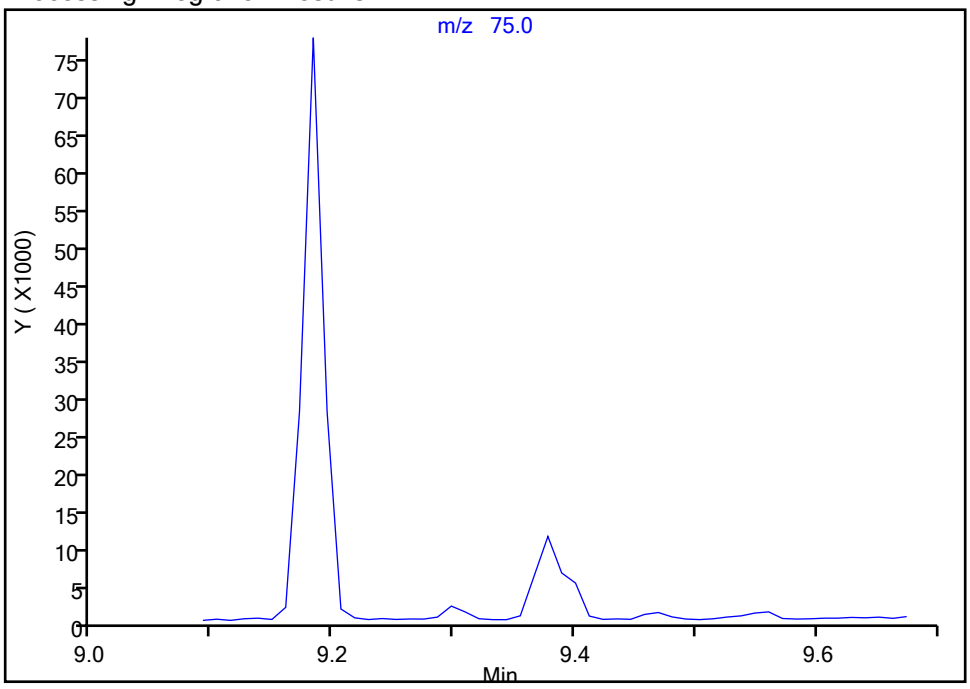
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71221.D
Injection Date: 12-Aug-2025 09:19:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

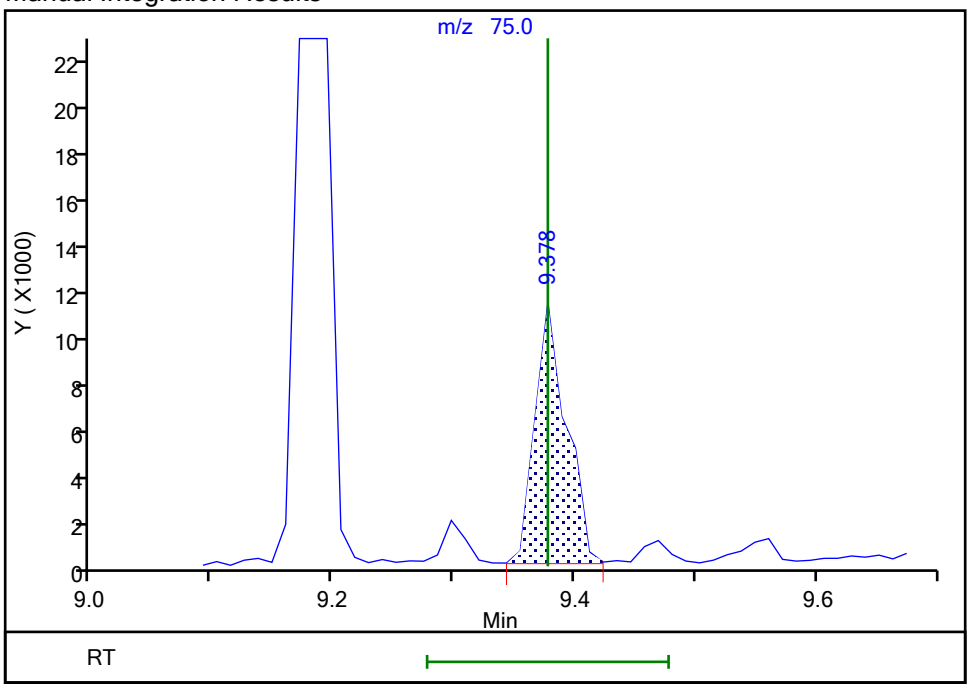
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 19973
Amount: 5.581777
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:00:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71222.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 12-Aug-2025 09:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0194792-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:14 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: K0HS Date: 12-Aug-2025 12:42:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	97	11621	20.0	18.5	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	98	57065	20.0	17.6	
5 Chlorodifluoromethane	67	1.262	1.262	0.000	98	7804	20.0	16.9	
6 Chloromethane	50	1.388	1.388	0.000	99	62557	20.0	19.2	
7 Vinyl chloride	62	1.468	1.468	0.000	99	46527	20.0	19.2	
8 Butadiene	54	1.491	1.491	0.000	96	39792	20.0	18.9	
9 Bromomethane	94	1.708	1.708	0.000	99	33428	20.0	18.3	
10 Chloroethane	64	1.777	1.777	0.000	100	28049	20.0	20.0	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	99	90603	20.0	20.1	
12 Trichlorofluoromethane	101	1.925	1.925	0.000	99	66933	20.0	19.6	
13 Pentane	57	1.971	1.971	0.000	94	16691	40.0	37.1	
14 Ethanol	46	2.063	2.063	0.000	93	5472	800.0	759.9	
15 Ethyl ether	59	2.120	2.120	0.000	94	35741	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	93	36462	20.0	19.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	95	38183	20.0	18.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	97	65997	20.0	18.5	
19 Acrolein	56	2.245	2.245	0.000	94	12117	40.0	39.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	96	47356	20.0	19.5	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	43376	20.0	18.3	
22 Acetone	58	2.348	2.348	0.000	86	15440	100.0	84.6	
24 Isopropyl alcohol	45	2.405	2.405	0.000	42	18421	200.0	191.4	
23 Iodomethane	142	2.417	2.417	0.000	98	55177	20.0	14.4	
25 Carbon disulfide	76	2.451	2.451	0.000	99	156773	20.0	19.4	
28 Methyl acetate	43	2.554	2.554	0.000	98	54826	40.0	39.8	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	90	47747	20.0	20.3	
26 Acetonitrile	40	2.577	2.577	0.000	96	40274	200.0	204.1	
29 Cyclopentene	67	2.577	2.577	0.000	93	119186	20.0	18.9	
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	200146	1000.0	1000.0	
30 Methylene Chloride	84	2.645	2.645	0.000	90	50862	20.0	18.2	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	98	31258	200.0	174.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.794	2.794	0.000	96	133890	20.0	19.3	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	96	48747	20.0	18.7	
33 Acrylonitrile	53	2.851	2.851	0.000	94	142803	200.0	185.6	
36 Hexane	57	2.965	2.965	0.000	92	49282	20.0	19.4	
39 Isopropyl ether	45	3.137	3.137	0.000	96	136982	20.0	19.3	
37 1,1-Dichloroethane	63	3.148	3.148	0.000	99	84974	20.0	19.0	
38 Vinyl acetate	86	3.160	3.160	0.000	100	13133	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	3.205	3.205	0.000	89	42059	20.0	18.6	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	88	140021	20.0	19.6	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	100	222201	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	93	17341	20.0	19.6	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	97	54851	20.0	19.4	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	97	21137	100.0	88.1	
47 Ethyl acetate	43	3.617	3.617	0.000	95	155245	40.0	37.9	
48 Methyl acrylate	55	3.663	3.663	0.000	99	36749	20.0	18.7	
42 Propionitrile	54	3.708	3.708	0.000	94	52629	200.0	188.1	
49 Chlorobromomethane	128	3.800	3.800	0.000	76	27731	20.0	19.8	
50 Methacrylonitrile	67	3.811	3.811	0.000	91	180331	200.0	197.3	
51 Tetrahydrofuran	42	3.811	3.811	0.000	29	27733	40.0	38.1	
52 Chloroform	83	3.846	3.846	0.000	100	89662	20.0	19.4	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	95	155999	50.0	50.3	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	97	75851	20.0	19.0	
55 Cyclohexane	84	3.994	3.994	0.000	88	63027	20.0	18.4	
56 Carbon tetrachloride	117	4.108	4.108	0.000	98	67917	20.0	18.8	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	98	66956	20.0	19.3	
61 Isobutyl alcohol	43	4.200	4.200	0.000	97	31218	500.0	433.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.291	4.291	0.000	97	158066	50.0	49.2	
59 Benzene	78	4.303	4.303	0.000	95	191003	20.0	18.2	
62 Isooctane	57	4.303	4.303	0.000	56	92584	20.0	19.5	
63 Isopropyl acetate	43	4.348	4.348	0.000	99	113401	20.0	18.8	
60 1,2-Dichloroethane	62	4.360	4.360	0.000	73	64854	20.0	19.7	
64 Tert-amyl methyl ether	73	4.371	4.371	0.000	91	136920	20.0	19.0	
66 n-Heptane	43	4.463	4.463	0.000	92	34794	20.0	18.8	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	579871	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	87	19008	500.0	445.0	
67 Trichloroethene	95	4.886	4.886	0.000	99	54878	20.0	18.0	
69 Ethyl acrylate	55	4.989	4.989	0.000	98	56185	20.0	17.1	
70 Methylcyclohexane	83	5.023	5.023	0.000	93	69174	20.0	19.0	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	92	47568	20.0	18.0	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	92	26938	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	85	25059	40.0	36.9	
74 1,4-Dioxane	88	5.240	5.240	0.000	39	8129	400.0	401.2	
73 Dibromomethane	93	5.251	5.251	0.000	93	34345	20.0	19.0	
76 n-Propyl acetate	43	5.263	5.263	0.000	97	56465	20.0	18.0	
77 Dichlorobromomethane	83	5.389	5.389	0.000	98	69753	20.0	18.2	
78 2-Nitropropane	41	5.686	5.686	0.000	97	20592	40.0	35.4	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	94	31276	20.0	19.1	
80 Epichlorohydrin	57	5.789	5.789	0.000	99	73647	400.0	374.1	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	87795	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	95	179093	100.0	95.7	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	560962	50.0	49.5	
84 Toluene	91	6.189	6.189	0.000	93	207852	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	95	76522	20.0	17.9	
86 Ethyl methacrylate	69	6.543	6.543	0.000	88	59447	20.0	18.5	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	97	39445	20.0	18.6	
88 Tetrachloroethene	166	6.772	6.772	0.000	94	46172	20.0	18.3	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	91	73160	20.0	19.1	
90 2-Hexanone	43	6.966	6.966	0.000	96	126382	100.0	93.8	
92 n-Butyl acetate	43	7.092	7.092	0.000	99	62333	20.0	18.2	
91 Chlorodibromomethane	129	7.114	7.114	0.000	97	57192	20.0	19.3	
93 Ethylene Dibromide	107	7.263	7.263	0.000	98	50032	20.0	19.1	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	431187	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	97	142997	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	49933	20.0	18.2	
97 Ethylbenzene	106	7.960	7.960	0.000	98	72134	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	96	88185	20.0	18.6	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	40464	20.0	18.5	
99 o-Xylene	106	8.623	8.623	0.000	94	87080	20.0	18.5	
100 Styrene	104	8.646	8.646	0.000	97	149832	20.0	19.3	
102 Bromoform	173	8.852	8.852	0.000	94	33093	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	90	74412	20.0	19.1	
104 Isopropylbenzene	105	9.012	9.012	0.000	95	197307	20.0	19.0	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	87	159313	50.0	49.0	
106 Bromobenzene	156	9.298	9.298	0.000	98	59070	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	55361	20.0	19.4	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	80	68978	20.0	18.7	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	255536	20.0	19.4	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	98	68978	20.0	18.7	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	180069	20.0	19.3	
112 4-Ethyltoluene	105	9.480	9.480	0.000	98	220347	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	94	185381	20.0	19.6	
113 4-Chlorotoluene	91	9.560	9.560	0.000	96	187745	20.0	19.3	
115 Butyl Methacrylate	87	9.618	9.618	0.000	86	72062	20.0	18.9	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	150595	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	195046	20.0	18.9	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	218095	20.0	18.9	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	96	107771	20.0	20.0	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	191385	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	96	228850	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	96	107588	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	208276	20.0	19.5	
124 Benzyl chloride	126	10.178	10.178	0.000	99	22345	20.0	19.1	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	94	185939	20.0	19.5	
127 p-Diethylbenzene	119	10.269	10.269	0.000	92	112661	20.0	19.5	
128 n-Butylbenzene	92	10.292	10.292	0.000	97	91609	20.0	19.7	
126 1,2-Dichlorobenzene	146	10.315	10.315	0.000	99	106130	20.0	19.6	
130 1,2,4,5-Tetramethylbenzene	119	10.738	10.738	0.000	97	191534	20.0	19.6	
129 1,2-Dibromo-3-Chloropropane	157	10.783	10.783	0.000	97	12915	20.0	19.3	
131 1,3,5-Trichlorobenzene	180	10.886	10.886	0.000	98	67232	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.275	11.275	0.000	95	64836	20.0	19.8	
133 Hexachlorobutadiene	225	11.355	11.355	0.000	88	18069	20.0	18.9	
134 Naphthalene	128	11.435	11.435	0.000	99	187979	20.0	19.2	
135 1,2,3-Trichlorobenzene	180	11.606	11.606	0.000	95	61980	20.0	19.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	37.1	
S 139 Total BTEX	1				0		100.0	93.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00656	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00209	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
524FREONS_00038	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:40:15 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71222.D

Injection Date: 12-Aug-2025 09:43:30 Instrument ID: CVOAMS9 Operator ID:

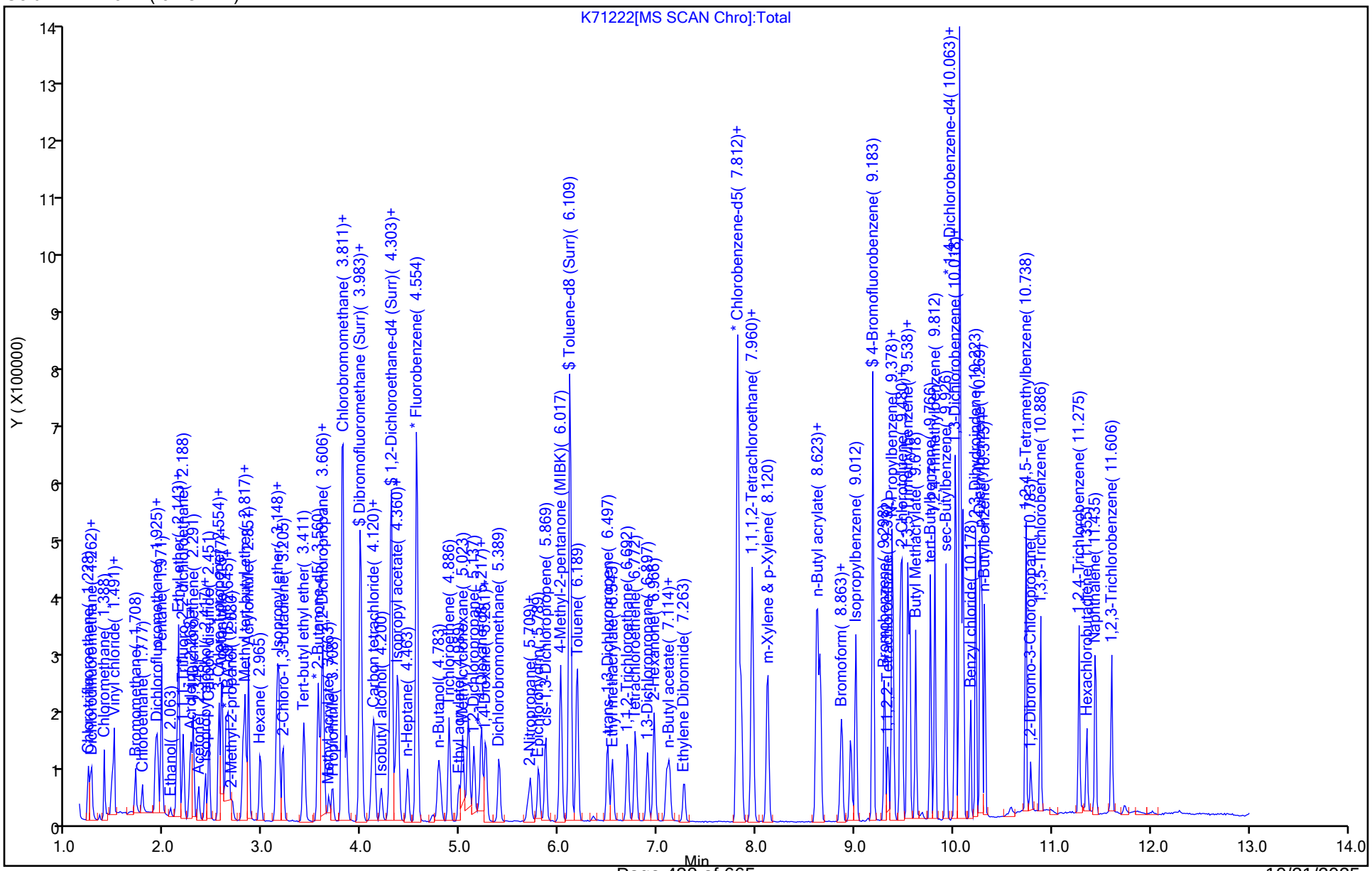
Lims ID: STD20 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

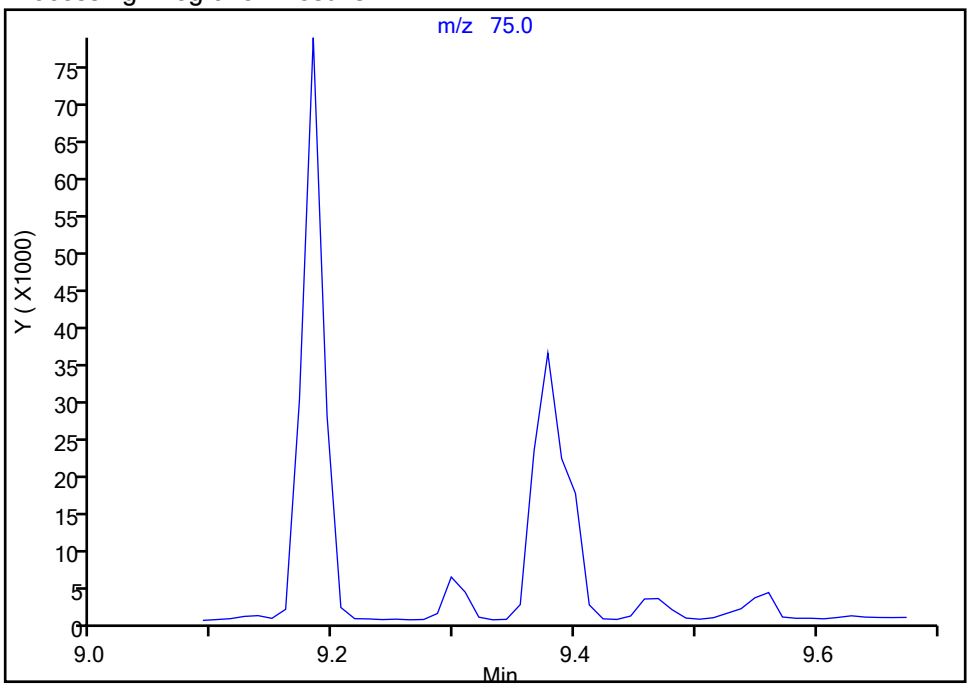
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71222.D
Injection Date: 12-Aug-2025 09:43:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

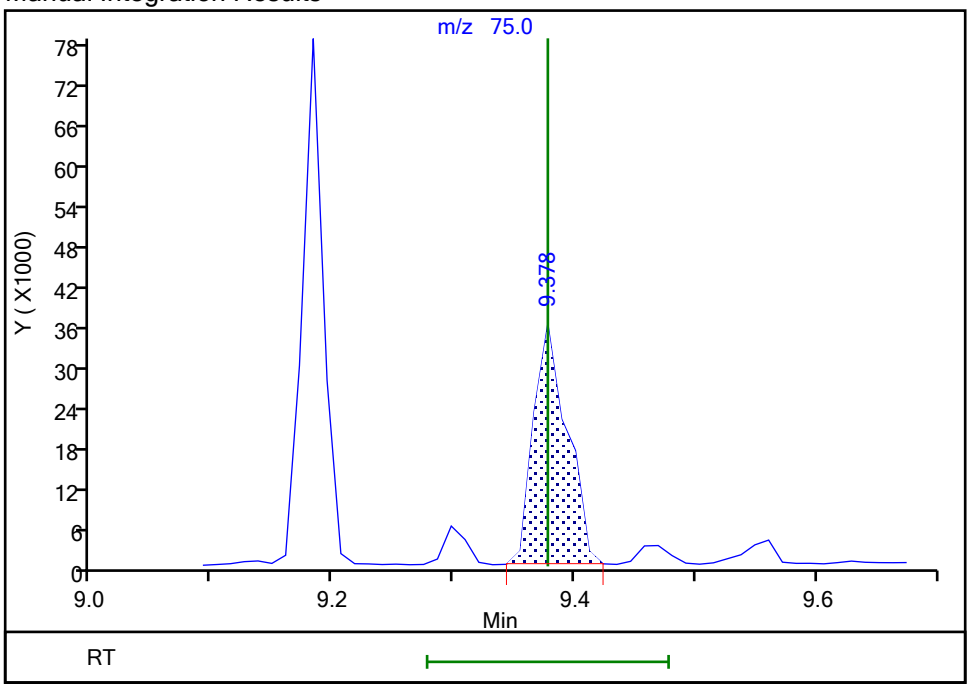
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 68978
Amount: 18.658313
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:03:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71223.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Aug-2025 10:08:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0194792-009
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:19 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: NN6A Date: 12-Aug-2025 10:59:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	92	29847	50.0	46.1	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	99	140672	50.0	43.6	
5 Chlorodifluoromethane	67	1.263	1.262	0.001	98	22529	50.0	50.7	
6 Chloromethane	50	1.388	1.388	0.000	99	142252	50.0	43.8	
7 Vinyl chloride	62	1.468	1.468	0.000	98	101867	50.0	42.3	M
8 Butadiene	54	1.491	1.491	0.000	95	85570	50.0	40.8	
9 Bromomethane	94	1.708	1.708	0.000	99	73802	50.0	40.6	
10 Chloroethane	64	1.777	1.777	0.000	99	56758	50.0	40.7	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	99	192938	50.0	43.1	
12 Trichlorofluoromethane	101	1.926	1.925	0.001	100	135479	50.0	39.8	
13 Pentane	57	1.971	1.971	0.000	96	42400	100.0	95.4	
14 Ethanol	46	2.063	2.063	0.000	96	15848	2000.0	2171.6	
15 Ethyl ether	59	2.120	2.120	0.000	94	86890	50.0	49.6	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	90	90300	50.0	48.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	92	100942	50.0	49.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	97	169750	50.0	47.7	
19 Acrolein	56	2.246	2.245	0.001	95	32510	100.0	108.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	96	109845	50.0	45.5	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	107106	50.0	45.5	
22 Acetone	58	2.348	2.348	0.000	87	47201	250.0	251.0	
24 Isopropyl alcohol	45	2.406	2.405	0.001	98	52378	500.0	542.5	
23 Iodomethane	142	2.417	2.417	0.000	99	160791	50.0	42.4	
25 Carbon disulfide	76	2.451	2.451	0.000	99	365282	50.0	45.4	
28 Methyl acetate	43	2.554	2.554	0.000	99	136405	100.0	97.6	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	90	113390	50.0	48.5	
26 Acetonitrile	40	2.577	2.577	0.000	96	106555	500.0	532.8	
29 Cyclopentene	67	2.577	2.577	0.000	92	294287	50.0	46.8	
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	202834	1000.0	1000.0	
30 Methylene Chloride	84	2.646	2.645	0.001	89	127487	50.0	45.7	
32 2-Methyl-2-propanol	59	2.680	2.691	-0.011	98	87823	500.0	483.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.794	2.794	0.000	96	346084	50.0	50.0	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	95	122851	50.0	47.3	
33 Acrylonitrile	53	2.851	2.851	0.000	94	365676	500.0	476.9	
36 Hexane	57	2.977	2.965	0.012	91	115402	50.0	45.7	
39 Isopropyl ether	45	3.137	3.137	0.000	96	348736	50.0	49.3	
37 1,1-Dichloroethane	63	3.148	3.148	0.000	99	215541	50.0	48.4	
38 Vinyl acetate	86	3.160	3.160	0.000	100	30298	100.0	84.7	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	88	111461	50.0	49.5	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	89	359784	50.0	50.6	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	98	228999	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	93	40206	50.0	45.7	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	98	133621	50.0	47.5	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	97	59576	250.0	240.9	
47 Ethyl acetate	43	3.617	3.617	0.000	95	408905	100.0	96.9	
48 Methyl acrylate	55	3.663	3.663	0.000	99	96156	50.0	50.4	
42 Propionitrile	54	3.697	3.708	-0.011	94	142484	500.0	502.4	
49 Chlorobromomethane	128	3.800	3.800	0.000	80	68496	50.0	49.1	
50 Methacrylonitrile	67	3.811	3.811	0.000	90	471072	500.0	517.2	
51 Tetrahydrofuran	42	3.811	3.811	0.000	30	71026	100.0	94.7	
52 Chloroform	83	3.846	3.846	0.000	99	225604	50.0	49.0	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	96	154901	50.0	50.2	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	97	184975	50.0	46.6	
55 Cyclohexane	84	3.994	3.994	0.000	90	151525	50.0	44.4	
56 Carbon tetrachloride	117	4.109	4.108	0.001	97	164218	50.0	45.7	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	99	163737	50.0	47.4	
61 Isobutyl alcohol	43	4.200	4.200	0.000	97	86972	1250.0	1191.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.291	4.291	0.000	69	160009	50.0	50.0	
59 Benzene	78	4.303	4.303	0.000	96	476097	50.0	45.3	
62 Isooctane	57	4.303	4.303	0.000	56	232645	50.0	49.1	
63 Isopropyl acetate	43	4.337	4.348	-0.011	99	299976	50.0	49.8	
60 1,2-Dichloroethane	62	4.360	4.360	0.000	70	162808	50.0	49.9	
64 Tert-amyl methyl ether	73	4.371	4.371	0.000	91	361067	50.0	50.4	
66 n-Heptane	43	4.463	4.463	0.000	91	85616	50.0	46.4	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	577709	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	85	56086	1250.0	1323.6	
67 Trichloroethene	95	4.886	4.886	0.000	99	137193	50.0	45.2	
69 Ethyl acrylate	55	4.989	4.989	0.000	98	149838	50.0	45.8	
70 Methylcyclohexane	83	5.023	5.023	0.000	94	165723	50.0	45.6	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	93	125035	50.0	47.4	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	91	27718	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	84	67404	100.0	99.6	
74 1,4-Dioxane	88	5.240	5.240	0.000	85	20758	1000.0	995.5	
73 Dibromomethane	93	5.252	5.251	0.001	94	88822	50.0	49.3	
76 n-Propyl acetate	43	5.263	5.263	0.000	98	150362	50.0	48.1	
77 Dichlorobromomethane	83	5.389	5.389	0.000	99	174388	50.0	45.7	
78 2-Nitropropane	41	5.686	5.686	0.000	98	53728	100.0	92.7	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	94	82515	50.1	50.6	
80 Epichlorohydrin	57	5.789	5.789	0.000	100	194607	1000.0	964.9	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	220879	50.0	46.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	96	467740	250.0	242.5	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	565528	50.0	50.0	
84 Toluene	91	6.189	6.189	0.000	93	526841	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	95	198355	50.0	46.5	
86 Ethyl methacrylate	69	6.543	6.543	0.000	86	155445	50.0	48.5	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	95	99350	50.0	47.2	
88 Tetrachloroethene	166	6.772	6.772	0.000	93	113843	50.0	45.2	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	91	187091	50.0	48.8	
90 2-Hexanone	43	6.966	6.966	0.000	95	335846	250.0	241.8	
92 n-Butyl acetate	43	7.092	7.092	0.000	99	162887	50.0	47.5	
91 Chlorodibromomethane	129	7.115	7.114	0.001	97	147645	50.0	50.2	
93 Ethylene Dibromide	107	7.263	7.263	0.000	98	130547	50.0	49.8	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	430794	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	96	360743	50.0	48.4	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	132835	50.0	48.5	
97 Ethylbenzene	106	7.960	7.960	0.000	98	183217	50.0	48.2	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	96	225995	50.0	47.6	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	107377	50.0	49.0	
99 o-Xylene	106	8.623	8.623	0.000	94	224695	50.0	47.9	
100 Styrene	104	8.646	8.646	0.000	96	379972	50.0	49.0	
102 Bromoform	173	8.852	8.852	0.000	94	86127	50.0	48.5	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	90	196392	50.0	49.9	
104 Isopropylbenzene	105	9.012	9.012	0.000	94	496714	50.0	47.8	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	87	162999	50.0	50.2	
106 Bromobenzene	156	9.298	9.298	0.000	97	150526	50.0	49.5	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	99	145653	50.0	51.0	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	88	181831	50.0	48.8	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	647570	50.0	48.9	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	96	181831	50.0	48.8	
111 2-Chlorotoluene	91	9.469	9.458	0.011	97	456467	50.0	48.5	
112 4-Ethyltoluene	105	9.481	9.480	0.001	98	560087	50.0	49.5	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	94	474848	50.0	49.7	
113 4-Chlorotoluene	91	9.561	9.560	0.001	96	469315	50.0	47.9	
115 Butyl Methacrylate	87	9.618	9.618	0.000	86	192614	50.0	50.2	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	386614	50.0	49.3	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	96	492871	50.0	47.5	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	557645	50.0	48.0	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	96	275372	50.0	50.7	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	486687	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	95	230552	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	95	282546	50.0	50.2	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	535381	50.0	49.7	
124 Benzyl chloride	126	10.178	10.178	0.000	99	59491	50.0	50.6	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	94	483030	50.0	50.3	
127 p-Diethylbenzene	119	10.269	10.269	0.000	87	298419	50.0	51.2	
128 n-Butylbenzene	92	10.292	10.292	0.000	98	234978	50.0	50.0	
126 1,2-Dichlorobenzene	146	10.326	10.315	0.011	99	273334	50.0	50.1	
130 1,2,4,5-Tetramethylbenzene	119	10.738	10.738	0.000	96	514098	50.0	52.3	
129 1,2-Dibromo-3-Chloropropane	157	10.784	10.783	0.001	98	32636	50.0	49.5	
131 1,3,5-Trichlorobenzene	180	10.886	10.886	0.000	98	180466	50.0	52.2	
132 1,2,4-Trichlorobenzene	180	11.275	11.275	0.000	95	167780	50.0	50.9	
133 Hexachlorobutadiene	225	11.355	11.355	0.000	90	47931	50.0	49.8	
134 Naphthalene	128	11.446	11.435	0.011	99	497776	50.0	50.6	
135 1,2,3-Trichlorobenzene	180	11.606	11.606	0.000	96	160280	50.0	50.9	
S 137 1,2-Dichloroethene, Total	100				0		100.0	94.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	95.5	
S 139 Total BTEX	1				0		250.0	236.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00656	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00209	Amount Added:	50.00	Units: uL	
ACROLEIN W_00186	Amount Added:	10.00	Units: uL	
524FREONS_00038	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:40:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71223.D

Injection Date: 12-Aug-2025 10:08:30 Instrument ID: CVOAMS9 Operator ID:

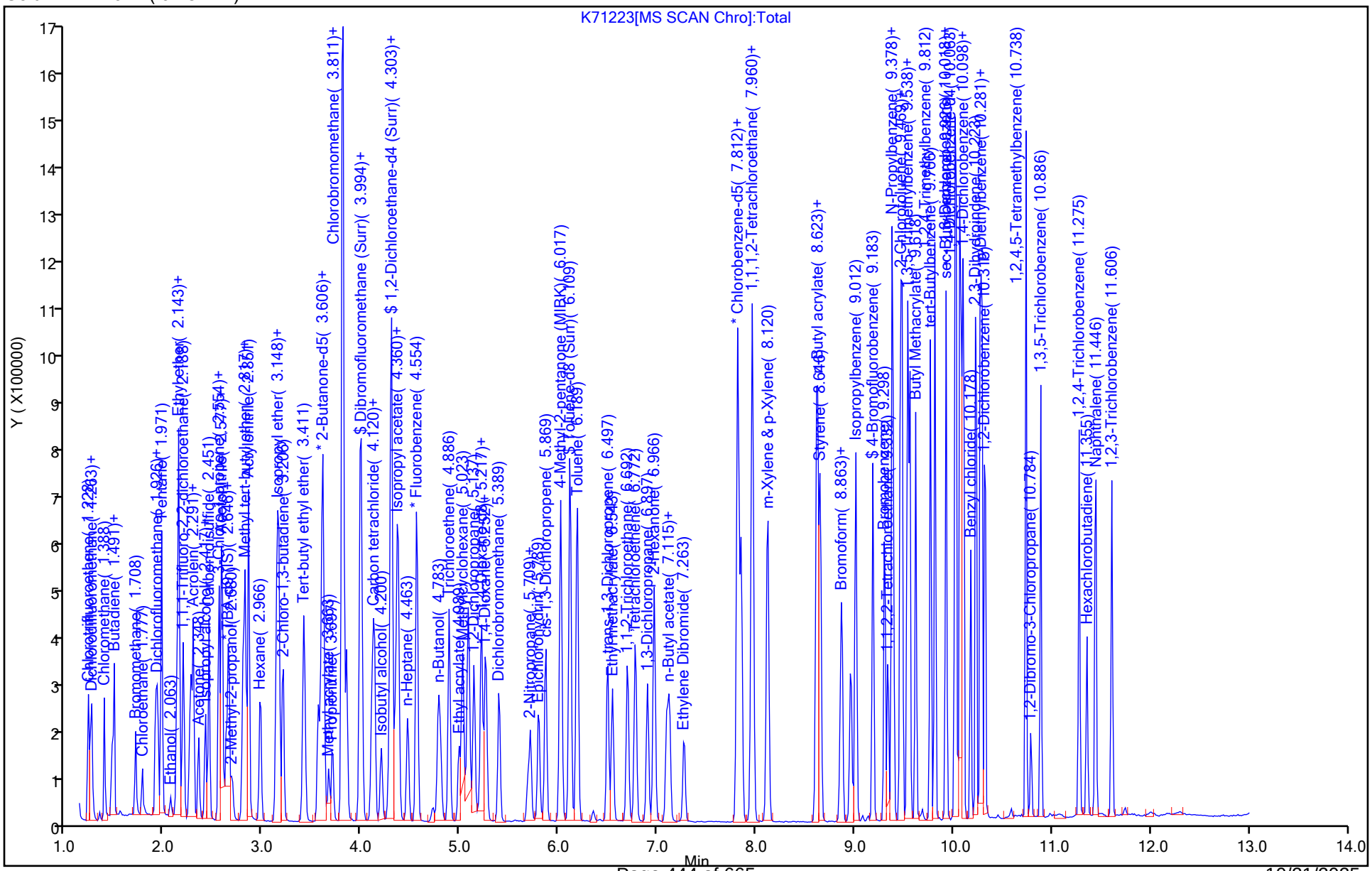
Lims ID: STD50 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

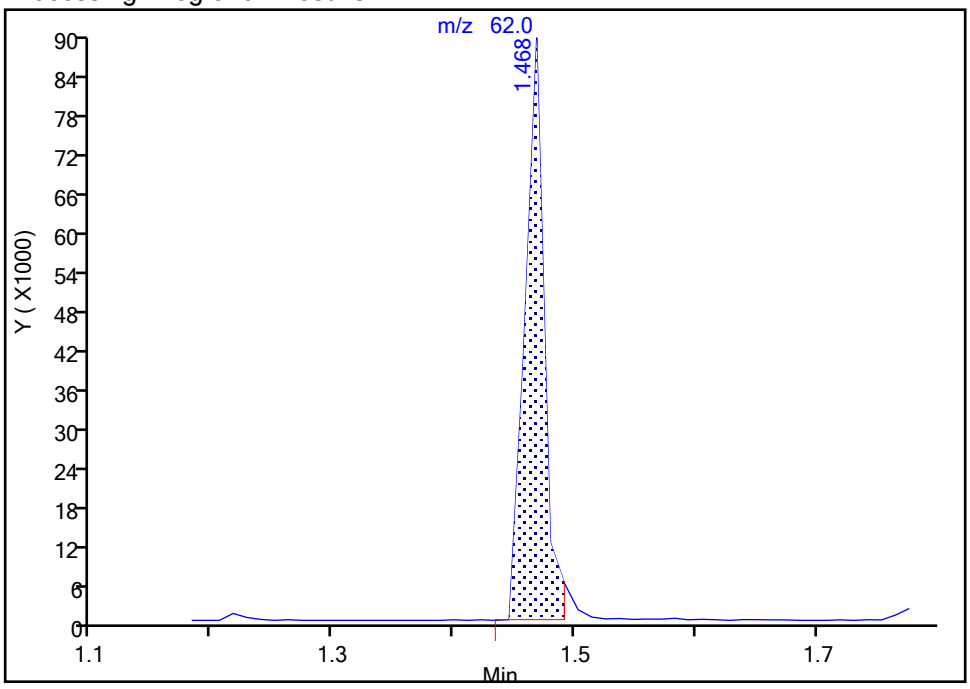
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71223.D
Injection Date: 12-Aug-2025 10:08:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

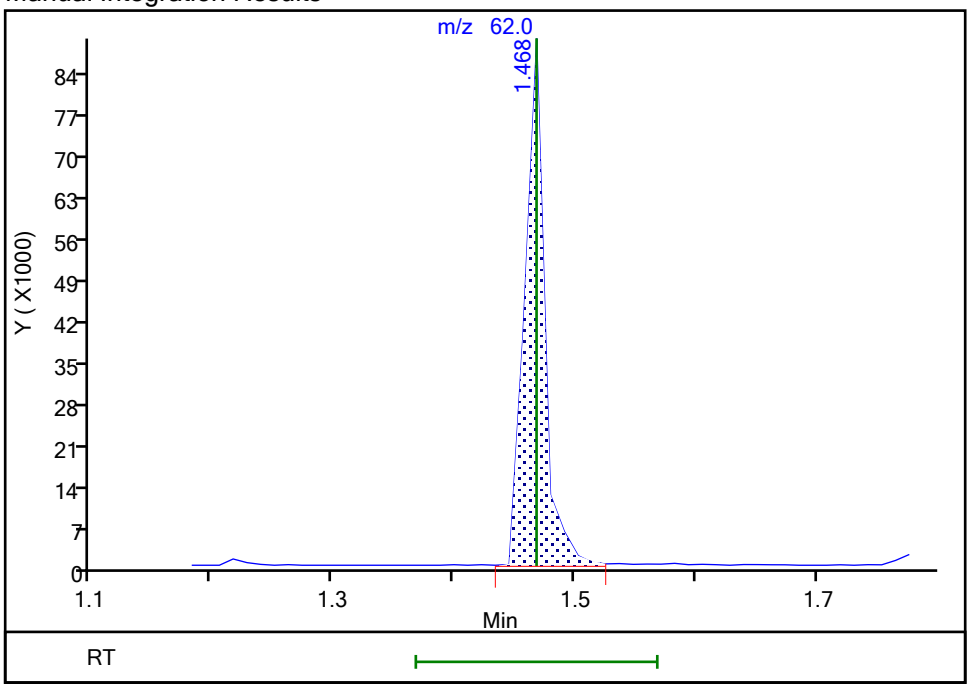
Processing Integration Results

RT: 1.47
Area: 100312
Amount: 41.675431
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 101867
Amount: 42.255617
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:04:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

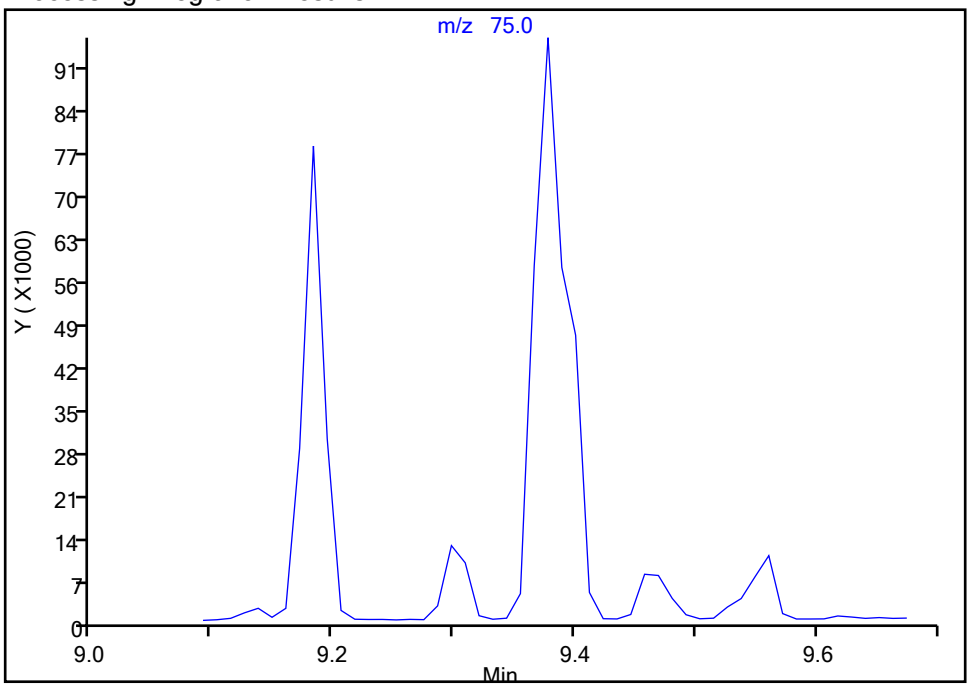
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71223.D
Injection Date: 12-Aug-2025 10:08:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

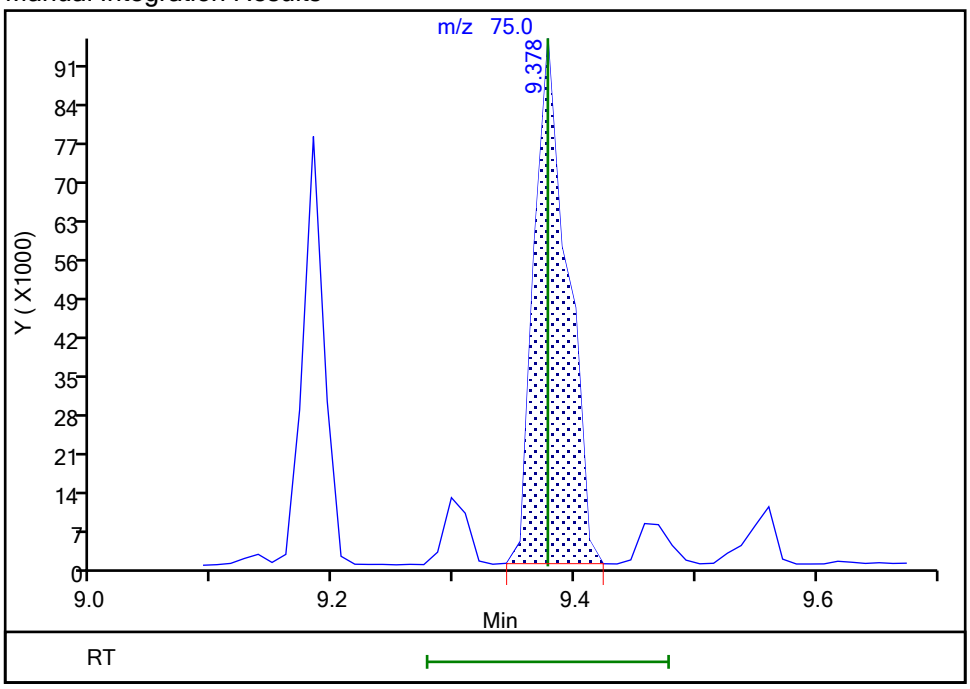
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 181831
Amount: 48.821568
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:04:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71224.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 12-Aug-2025 10:32:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0194792-010
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:25 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: K0HS Date: 12-Aug-2025 12:45:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	97	150181	200.0	234.6	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	100	781777	200.0	231.7	
5 Chlorodifluoromethane	67	1.263	1.262	0.001	98	95667	200.0	208.3	
6 Chloromethane	50	1.388	1.388	0.000	99	681235	200.0	200.2	
7 Vinyl chloride	62	1.468	1.468	0.000	98	517870	200.0	205.2	
8 Butadiene	54	1.491	1.491	0.000	96	455977	200.0	207.5	
9 Bromomethane	94	1.708	1.708	0.000	99	361010	200.0	189.8	
10 Chloroethane	64	1.777	1.777	0.000	100	289426	200.0	198.0	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	99	926959	200.0	197.6	
12 Trichlorofluoromethane	101	1.926	1.925	0.001	99	733814	200.0	205.7	
13 Pentane	57	1.971	1.971	0.000	95	178791	400.0	402.2	
14 Ethanol	46	2.063	2.063	0.000	97	55682	8000.0	7504.9	
15 Ethyl ether	59	2.120	2.120	0.000	94	360967	200.0	200.4	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	92	376229	200.0	191.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	87	431968	200.0	203.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	97	738942	200.0	198.5	
19 Acrolein	56	2.246	2.245	0.001	95	61213	200.0	204.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	96	524793	200.0	207.5	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	474904	200.0	192.6	
22 Acetone	58	2.349	2.348	0.000	87	189260	1000.0	1018.5	
24 Isopropyl alcohol	45	2.406	2.405	0.001	99	190771	2000.0	1951.7	
23 Iodomethane	142	2.417	2.417	0.000	99	779508	200.0	204.2	
25 Carbon disulfide	76	2.451	2.451	0.000	98	1635289	200.0	194.2	
28 Methyl acetate	43	2.554	2.554	0.000	98	569794	400.0	401.2	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	90	480820	200.0	196.4	
26 Acetonitrile	40	2.577	2.577	0.000	95	413637	2000.0	2034.4	
29 Cyclopentene	67	2.577	2.577	0.000	92	1240962	200.0	188.4	
* 31 TBA-d9 (IS)	65	2.634	2.623	0.011	97	206212	1000.0	1000.0	
30 Methylene Chloride	84	2.646	2.645	0.001	90	541337	200.0	185.2	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	99	348143	2000.0	1886.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.794	2.794	0.000	96	1411873	200.0	194.9	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	95	522045	200.0	192.0	
33 Acrylonitrile	53	2.851	2.851	0.000	93	1479415	2000.0	1843.4	
36 Hexane	57	2.966	2.965	0.001	92	534431	200.0	202.1	
39 Isopropyl ether	45	3.137	3.137	0.000	96	1385226	200.0	187.2	
37 1,1-Dichloroethane	63	3.149	3.148	0.001	100	904276	200.0	194.1	
38 Vinyl acetate	86	3.160	3.160	0.000	100	130804	400.0	370.0	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	89	454226	200.0	192.7	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	89	1441116	200.0	193.6	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	96	226263	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	93	173305	200.0	188.1	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	99	568819	200.0	193.2	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	98	231422	1000.0	947.3	
47 Ethyl acetate	43	3.617	3.617	0.000	98	1608220	400.0	385.8	
48 Methyl acrylate	55	3.663	3.663	0.000	99	404101	200.0	205.0	
42 Propionitrile	54	3.709	3.708	0.001	94	550424	2000.0	1909.0	
49 Chlorobromomethane	128	3.800	3.800	0.000	80	277399	200.0	189.8	
50 Methacrylonitrile	67	3.812	3.811	0.001	90	1780687	2000.0	1867.8	
51 Tetrahydrofuran	42	3.812	3.811	0.001	40	274950	400.0	371.0	
52 Chloroform	83	3.846	3.846	0.000	99	956105	200.0	198.4	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	96	158133	50.0	48.9	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	98	818102	200.0	196.8	
55 Cyclohexane	84	3.994	3.994	0.000	88	699727	200.0	196.0	
56 Carbon tetrachloride	117	4.109	4.108	0.001	99	749777	200.0	199.4	
57 1,1-Dichloropropene	75	4.132	4.131	0.001	99	727326	200.0	201.2	
61 Isobutyl alcohol	43	4.200	4.200	0.000	98	345296	5000.0	4654.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.303	4.291	0.012	42	166368	50.0	49.7	
59 Benzene	78	4.303	4.303	0.000	96	2041921	200.0	186.9	
62 Isooctane	57	4.303	4.303	0.000	56	1006754	200.0	203.0	
63 Isopropyl acetate	43	4.349	4.348	0.001	99	1192967	200.0	189.3	
60 1,2-Dichloroethane	62	4.360	4.360	0.000	72	677365	200.0	199.0	
64 Tert-amyl methyl ether	73	4.372	4.371	0.001	92	1431135	200.0	190.7	
66 n-Heptane	43	4.463	4.463	0.000	91	401241	200.0	207.7	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	604717	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	87	212628	5000.0	4975.3	
67 Trichloroethene	95	4.886	4.886	0.000	100	594376	200.0	187.0	
69 Ethyl acrylate	55	4.989	4.989	0.000	98	597486	200.0	174.5	
70 Methylcyclohexane	83	5.023	5.023	0.000	94	785479	200.0	206.5	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	93	529326	200.0	191.7	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	92	29523	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	85	260580	400.0	367.7	
74 1,4-Dioxane	88	5.240	5.240	0.000	84	80491	4000.0	3624.3	
73 Dibromomethane	93	5.252	5.251	0.001	94	368885	200.0	195.6	
76 n-Propyl acetate	43	5.263	5.263	0.000	97	596219	200.0	182.3	
77 Dichlorobromomethane	83	5.389	5.389	0.000	99	753632	200.0	188.5	
78 2-Nitropropane	41	5.686	5.686	0.000	98	216011	400.0	355.9	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	94	328129	200.5	192.3	
80 Epichlorohydrin	57	5.800	5.789	0.011	99	785864	4000.0	3954.8	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	938164	200.0	189.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	96	1889881	1000.0	991.9	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	589261	50.0	50.1	
84 Toluene	91	6.189	6.189	0.000	93	2220666	200.0	194.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	95	855048	200.0	192.8	
86 Ethyl methacrylate	69	6.543	6.543	0.000	87	647389	200.0	194.2	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	96	422261	200.0	193.6	
88 Tetrachloroethene	166	6.772	6.772	0.000	94	509121	200.0	194.4	
89 1,3-Dichloropropane	76	6.898	6.897	0.001	92	786661	200.0	197.4	
90 2-Hexanone	43	6.966	6.966	0.000	95	1343030	1000.0	978.7	
92 n-Butyl acetate	43	7.092	7.092	0.000	99	655460	200.0	184.1	
91 Chlorodibromomethane	129	7.126	7.114	0.012	97	641029	200.0	210.1	
93 Ethylene Dibromide	107	7.275	7.263	0.012	98	549210	200.0	201.7	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	83	447713	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	96	1538286	200.0	198.6	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	562394	200.0	197.4	
97 Ethylbenzene	106	7.960	7.960	0.000	98	791511	200.0	200.2	
98 m-Xylene & p-Xylene	106	8.121	8.120	0.000	96	1000470	200.0	202.9	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	435573	200.0	191.5	
99 o-Xylene	106	8.623	8.623	0.000	94	968444	200.0	198.6	
100 Styrene	104	8.646	8.646	0.000	96	1645420	200.0	204.1	
102 Bromoform	173	8.852	8.852	0.000	95	380610	200.0	206.4	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	90	819025	200.0	185.4	
104 Isopropylbenzene	105	9.012	9.012	0.000	95	2192678	200.0	202.8	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	87	173427	50.0	51.4	
106 Bromobenzene	156	9.309	9.298	0.011	96	651958	200.0	190.8	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	631744	200.0	197.4	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	94	789832	200.0	188.7	a
110 N-Propylbenzene	91	9.389	9.378	0.011	99	2839496	200.0	190.6	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	97	789832	200.0	188.7	
111 2-Chlorotoluene	91	9.469	9.458	0.011	97	2007984	200.0	190.1	
112 4-Ethyltoluene	105	9.481	9.480	0.001	98	2396266	200.0	188.4	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	92	2106154	200.0	196.3	
113 4-Chlorotoluene	91	9.561	9.560	0.001	96	2053434	200.0	186.4	
115 Butyl Methacrylate	87	9.618	9.618	0.000	86	836488	200.0	193.9	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	1763016	200.0	200.0	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	2208439	200.0	189.3	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	2491775	200.0	191.0	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	96	1202063	200.0	196.9	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	2191745	200.0	200.1	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	259058	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	95	1247114	200.0	197.2	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	2303954	200.0	190.3	
124 Benzyl chloride	126	10.178	10.178	0.000	99	263717	200.0	199.6	
125 2,3-Dihydroindene	117	10.224	10.223	0.001	94	2059950	200.0	190.9	
127 p-Diethylbenzene	119	10.269	10.269	0.000	91	1270642	200.0	193.9	
128 n-Butylbenzene	92	10.292	10.292	0.000	98	1067625	200.0	202.4	
126 1,2-Dichlorobenzene	146	10.326	10.315	0.011	98	1218165	200.0	198.7	
130 1,2,4,5-Tetramethylbenzene	119	10.738	10.738	0.000	96	2170287	200.0	196.6	
129 1,2-Dibromo-3-Chloropropane	157	10.795	10.783	0.012	94	151427	200.0	206.4	
131 1,3,5-Trichlorobenzene	180	10.886	10.886	0.000	97	751496	200.0	193.5	
132 1,2,4-Trichlorobenzene	180	11.275	11.275	0.000	95	719407	200.0	194.2	
133 Hexachlorobutadiene	225	11.355	11.355	0.000	89	213948	200.0	197.6	
134 Naphthalene	128	11.447	11.435	0.012	99	2113002	200.0	191.1	
135 1,2,3-Trichlorobenzene	180	11.607	11.606	0.001	96	682558	200.0	192.9	
S 137 1,2-Dichloroethene, Total	100				0		400.0	385.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	401.5	
S 139 Total BTEX	1				0		1000.0	982.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00186	Amount Added:	20.00	Units: uL	
GAS Hi_00501	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00164	Amount Added:	20.00	Units: uL	
Ethanol mix_00104	Amount Added:	20.00	Units: uL	
7 Freons Hi_00030	Amount Added:	20.00	Units: uL	
MIX I Hi_00191	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:40:26 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71224.D

Injection Date: 12-Aug-2025 10:32:30 Instrument ID: CVOAMS9 Operator ID:

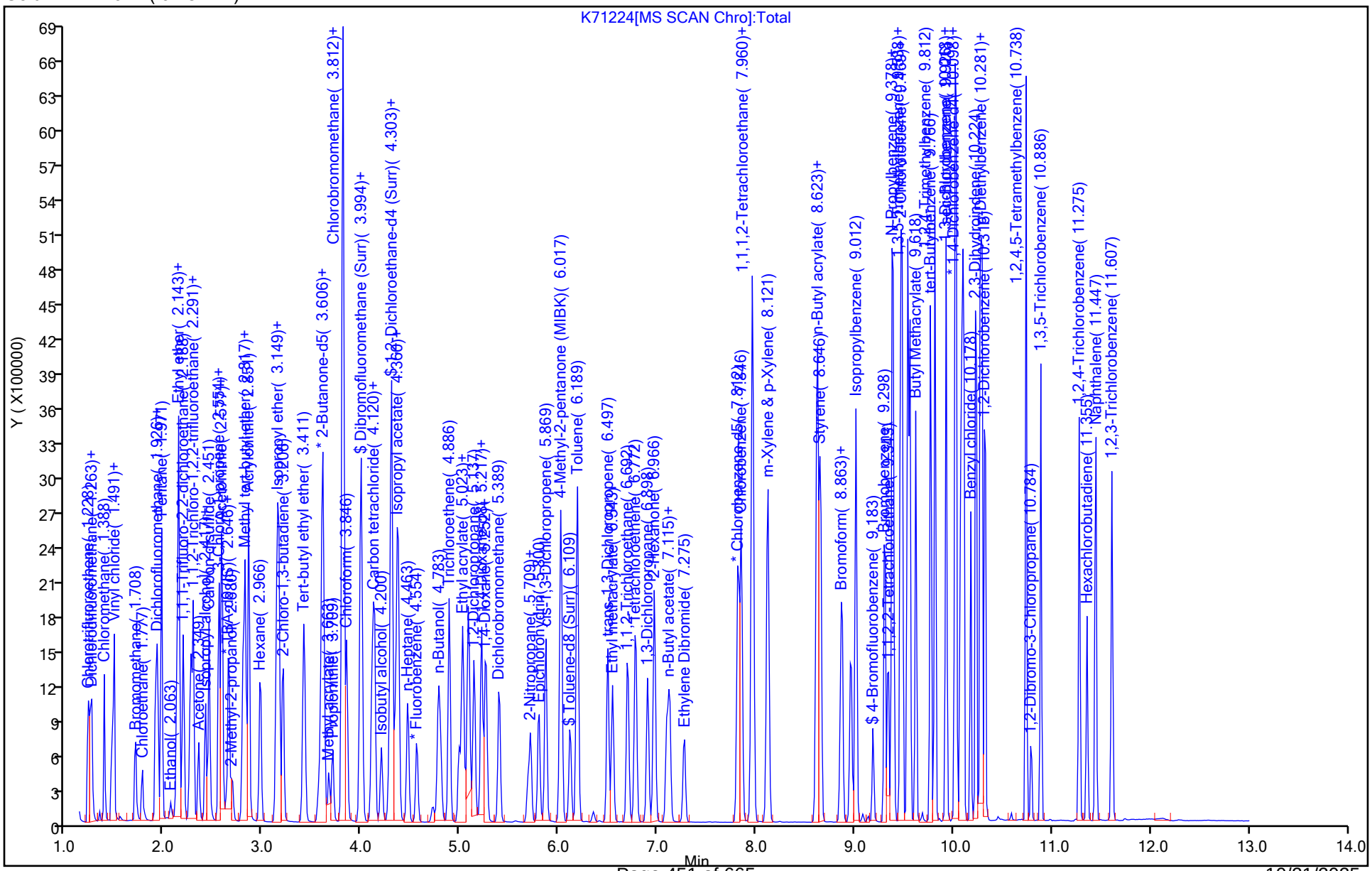
Lims ID: STD200 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

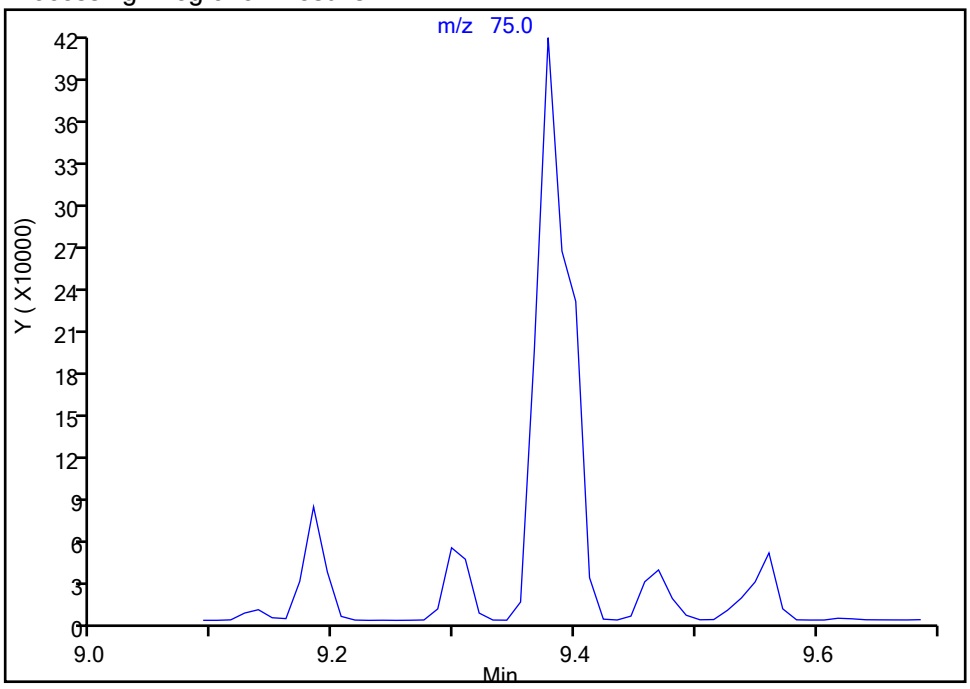
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71224.D
Injection Date: 12-Aug-2025 10:32:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

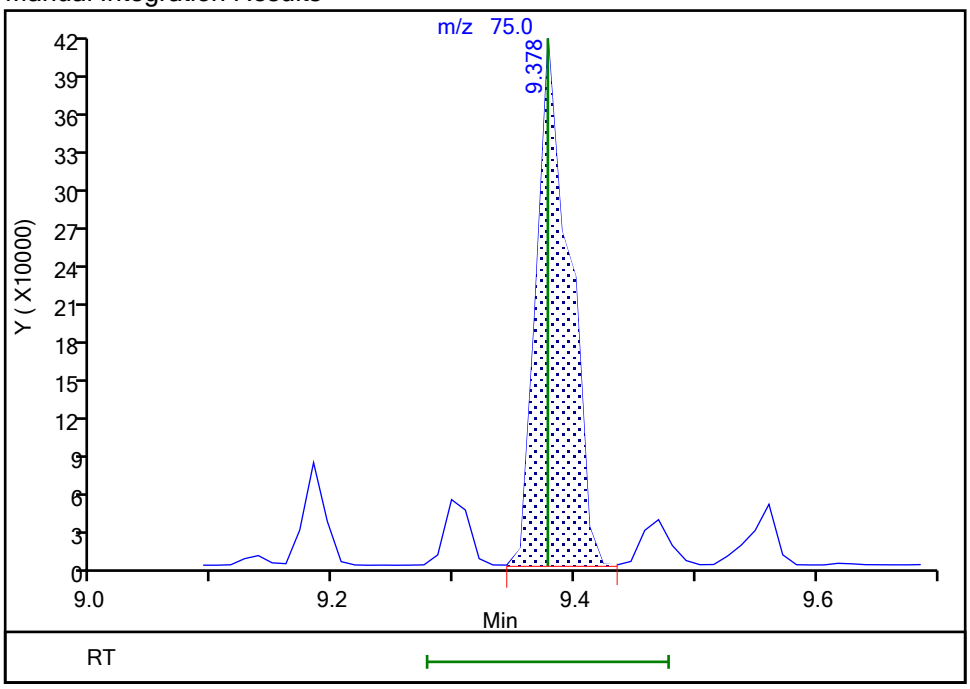
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 789832
Amount: 188.7341
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:05:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Aug-2025 10:56:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0194792-011
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2025 08:40:31 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: K0HS Date: 12-Aug-2025 12:45:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	97	397733	500.0	582.3	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	99	2007963	500.0	581.4	
5 Chlorodifluoromethane	67	1.263	1.262	0.001	98	232167	500.0	495.1	
6 Chloromethane	50	1.388	1.388	0.000	99	1698224	500.0	487.5	
7 Vinyl chloride	62	1.468	1.468	0.000	98	1329562	500.0	514.8	
8 Butadiene	54	1.491	1.491	0.000	96	1154721	500.0	513.4	M
9 Bromomethane	94	1.697	1.708	-0.011	99	722263	500.0	370.9	
10 Chloroethane	64	1.765	1.777	-0.012	100	669325	500.0	447.5	
11 Dichlorofluoromethane	67	1.903	1.914	-0.011	99	2251963	500.0	469.1	
12 Trichlorofluoromethane	101	1.925	1.925	0.000	100	1909387	500.0	523.0	
13 Pentane	57	1.971	1.971	0.000	94	413998	1000.0	999.6	
14 Ethanol	46	2.074	2.063	0.011	97	156518	20000	18503	
15 Ethyl ether	59	2.120	2.120	0.000	95	886752	500.0	482.5	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	92	933114	500.0	462.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	87	1147311	500.0	527.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	95	1920209	500.0	503.8	
19 Acrolein	56	2.246	2.245	0.001	95	130488	400.0	384.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	96	1305319	500.0	504.1	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	98	1255659	500.0	497.4	
22 Acetone	58	2.348	2.348	0.000	87	510678	2500.0	2575.9	
24 Isopropyl alcohol	45	2.417	2.405	0.012	98	553086	5000.0	4967.6	
23 Iodomethane	142	2.417	2.417	0.000	99	1808305	500.0	499.3	
25 Carbon disulfide	76	2.451	2.451	0.000	99	4188601	500.0	485.9	
28 Methyl acetate	43	2.554	2.554	0.000	99	1515758	1000.0	936.0	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	88	1084146	500.0	432.6	
26 Acetonitrile	40	2.577	2.577	0.000	66	1082013	5000.0	4667.6	
29 Cyclopentene	67	2.577	2.577	0.000	93	3171235	500.0	470.4	
* 31 TBA-d9 (IS)	65	2.634	2.623	0.011	98	235111	1000.0	1000.0	
30 Methylene Chloride	84	2.646	2.645	0.001	89	1385328	500.0	463.2	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	98	1011983	5000.0	4809.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.794	2.794	0.000	96	3597711	500.0	485.3	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	95	1297656	500.0	466.3	
33 Acrylonitrile	53	2.863	2.851	0.012	93	3788339	5000.0	4611.8	
36 Hexane	57	2.966	2.965	0.001	92	1314566	500.0	485.8	
39 Isopropyl ether	45	3.137	3.137	0.000	96	3496492	500.0	461.7	
37 1,1-Dichloroethane	63	3.148	3.148	0.000	99	2224048	500.0	466.4	
38 Vinyl acetate	86	3.160	3.160	0.000	100	314804	1000.0	834.6	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	89	1182068	500.0	490.0	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	89	3693427	500.0	484.8	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	91	241391	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	93	432779	500.0	459.0	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	98	1394664	500.0	462.9	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	99	612534	2500.0	2350.1	
47 Ethyl acetate	43	3.617	3.617	0.000	96	4198732	1000.0	944.1	
48 Methyl acrylate	55	3.663	3.663	0.000	99	1051032	500.0	522.1	
42 Propionitrile	54	3.709	3.708	0.000	94	1505481	5000.0	4579.5	
49 Chlorobromomethane	128	3.800	3.800	0.000	83	631901	500.0	422.5	
50 Methacrylonitrile	67	3.823	3.811	0.012	90	4267259	5000.0	4373.3	
51 Tetrahydrofuran	42	3.811	3.811	0.000	84	665604	1000.0	841.8	
52 Chloroform	83	3.846	3.846	0.000	99	2371140	500.0	480.6	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	95	159604	50.0	48.2	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	98	2025066	500.0	476.0	
55 Cyclohexane	84	3.994	3.994	0.000	88	1723869	500.0	471.8	
56 Carbon tetrachloride	117	4.109	4.108	0.001	99	1905448	500.0	495.0	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	99	1864262	500.0	503.9	
61 Isobutyl alcohol	43	4.211	4.200	0.011	98	1012321	12500	11968	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.303	4.291	0.012	40	171217	50.0	49.9	
59 Benzene	78	4.303	4.303	0.000	95	4988055	500.0	445.0	
62 Isooctane	57	4.303	4.303	0.000	97	2341208	500.0	461.1	
63 Isopropyl acetate	43	4.349	4.348	0.001	98	3104857	500.0	481.4	
60 1,2-Dichloroethane	62	4.371	4.360	0.011	79	1695453	500.0	486.9	
64 Tert-amyl methyl ether	73	4.371	4.371	0.000	92	3681254	500.0	479.4	
66 n-Heptane	43	4.463	4.463	0.000	90	922403	500.0	466.5	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	618939	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	87	666350	12500	13701	
67 Trichloroethene	95	4.886	4.886	0.000	100	1500502	500.0	461.4	
69 Ethyl acrylate	55	4.989	4.989	0.000	97	1950618	500.0	556.5	a
70 Methylcyclohexane	83	5.023	5.023	0.000	95	1908638	500.0	490.2	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	92	1327573	500.0	469.7	
* 72 1,4-Dioxane-d8	96	5.194	5.183	0.011	92	39332	1000.0	1000.0	M
75 Methyl methacrylate	100	5.217	5.217	0.000	88	694486	1000.0	957.5	
74 1,4-Dioxane	88	5.240	5.240	0.000	80	235614	10000	7963.3	
73 Dibromomethane	93	5.252	5.251	0.001	93	935115	500.0	484.3	
76 n-Propyl acetate	43	5.263	5.263	0.000	98	1629253	500.0	486.7	
77 Dichlorobromomethane	83	5.389	5.389	0.000	99	1926727	500.0	470.8	
78 2-Nitropropane	41	5.686	5.686	0.000	98	582874	1000.0	938.2	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	93	868377	501.2	497.1	
80 Epichlorohydrin	57	5.800	5.789	0.011	99	2135464	10000	10079	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	2375476	500.0	467.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	96	5028818	2500.0	2473.9	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	614872	50.0	51.0	
84 Toluene	91	6.189	6.189	0.000	93	5522581	500.0	470.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	95	2185720	500.0	480.5	
86 Ethyl methacrylate	69	6.543	6.543	0.000	87	1728541	500.0	505.4	
87 1,1,2-Trichloroethane	83	6.703	6.692	0.011	96	1085446	500.0	485.5	
88 Tetrachloroethene	166	6.783	6.772	0.011	93	1280711	500.0	476.6	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	92	2061613	500.0	504.3	
90 2-Hexanone	43	6.966	6.966	0.000	95	3764124	2500.0	2571.1	
92 n-Butyl acetate	43	7.092	7.092	0.000	99	1853224	500.0	507.4	
91 Chlorodibromomethane	129	7.126	7.114	0.012	97	1653241	500.0	528.4	
93 Ethylene Dibromide	107	7.275	7.263	0.012	99	1440936	500.0	515.8	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	83	459267	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	96	3918244	500.0	493.1	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	1390014	500.0	475.7	
97 Ethylbenzene	106	7.960	7.960	0.000	98	1985467	500.0	489.6	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	96	2562062	500.0	506.5	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	1196493	500.0	512.7	
99 o-Xylene	106	8.623	8.623	0.000	94	2385439	500.0	476.8	
100 Styrene	104	8.658	8.646	0.012	96	4121829	500.0	498.3	
102 Bromoform	173	8.852	8.852	0.000	94	1011706	500.0	534.7	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	90	2434260	500.0	516.1	
104 Isopropylbenzene	105	9.012	9.012	0.000	95	5635984	500.0	508.2	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	86	190800	50.0	55.1	
106 Bromobenzene	156	9.309	9.298	0.011	98	1646738	500.0	451.6	
107 1,1,2,2-Tetrachloroethane	83	9.343	9.332	0.011	98	1739253	500.0	509.4	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	78	2126276	500.0	476.0	a
110 N-Propylbenzene	91	9.389	9.378	0.011	99	7037160	500.0	442.6	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	99	2126276	500.0	476.0	
111 2-Chlorotoluene	91	9.469	9.458	0.011	97	5076598	500.0	450.1	
112 4-Ethyltoluene	105	9.481	9.480	0.001	98	6031266	500.0	444.2	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	92	5258136	500.0	459.0	
113 4-Chlorotoluene	91	9.561	9.560	0.001	97	5355284	500.0	455.4	
115 Butyl Methacrylate	87	9.618	9.618	0.000	87	2286203	500.0	496.5	
116 tert-Butylbenzene	119	9.766	9.766	0.000	92	4259012	500.0	452.5	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	5574655	500.0	447.7	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	6053359	500.0	434.7	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	94	2765313	500.0	424.3	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	97	5005721	500.0	428.0	
* 120 1,4-Dichlorobenzene-d4	152	10.075	10.063	0.012	86	276547	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	93	2998128	500.0	444.2	
123 1,2,3-Trimethylbenzene	105	10.109	10.098	0.011	98	5843716	500.0	452.2	
124 Benzyl chloride	126	10.178	10.178	0.000	99	715599	500.0	507.4	
125 2,3-Dihydroindene	117	10.235	10.223	0.012	94	5176901	500.0	449.4	
127 p-Diethylbenzene	119	10.281	10.269	0.012	92	3074436	500.0	439.5	
128 n-Butylbenzene	92	10.292	10.292	0.000	97	2567822	500.0	455.9	
126 1,2-Dichlorobenzene	146	10.326	10.315	0.011	95	2975838	500.0	454.8	
130 1,2,4,5-Tetramethylbenzene	119	10.749	10.738	0.011	96	5031739	500.0	426.9	
129 1,2-Dibromo-3-Chloropropane	157	10.795	10.783	0.012	96	403820	500.0	516.7	
131 1,3,5-Trichlorobenzene	180	10.898	10.886	0.012	97	1734415	500.0	418.3	
132 1,2,4-Trichlorobenzene	180	11.286	11.275	0.011	94	1667198	500.0	421.7	
133 Hexachlorobutadiene	225	11.366	11.355	0.011	89	497963	500.0	430.9	
134 Naphthalene	128	11.446	11.435	0.011	99	5383084	500.0	456.1	
135 1,2,3-Trichlorobenzene	180	11.618	11.606	0.012	96	1604767	500.0	424.8	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	929.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	983.3	
S 139 Total BTEX	1				0		2500.0	2388.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00186	Amount Added:	40.00	Units: uL	
GAS Hi_00501	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00164	Amount Added:	50.00	Units: uL	
Ethanol mix_00104	Amount Added:	50.00	Units: uL	
7 Freons Hi_00030	Amount Added:	50.00	Units: uL	
MIX I Hi_00191	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00256	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2025 08:40:31 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Injection Date: 12-Aug-2025 10:56:30 Instrument ID: CVOAMS9 Operator ID:

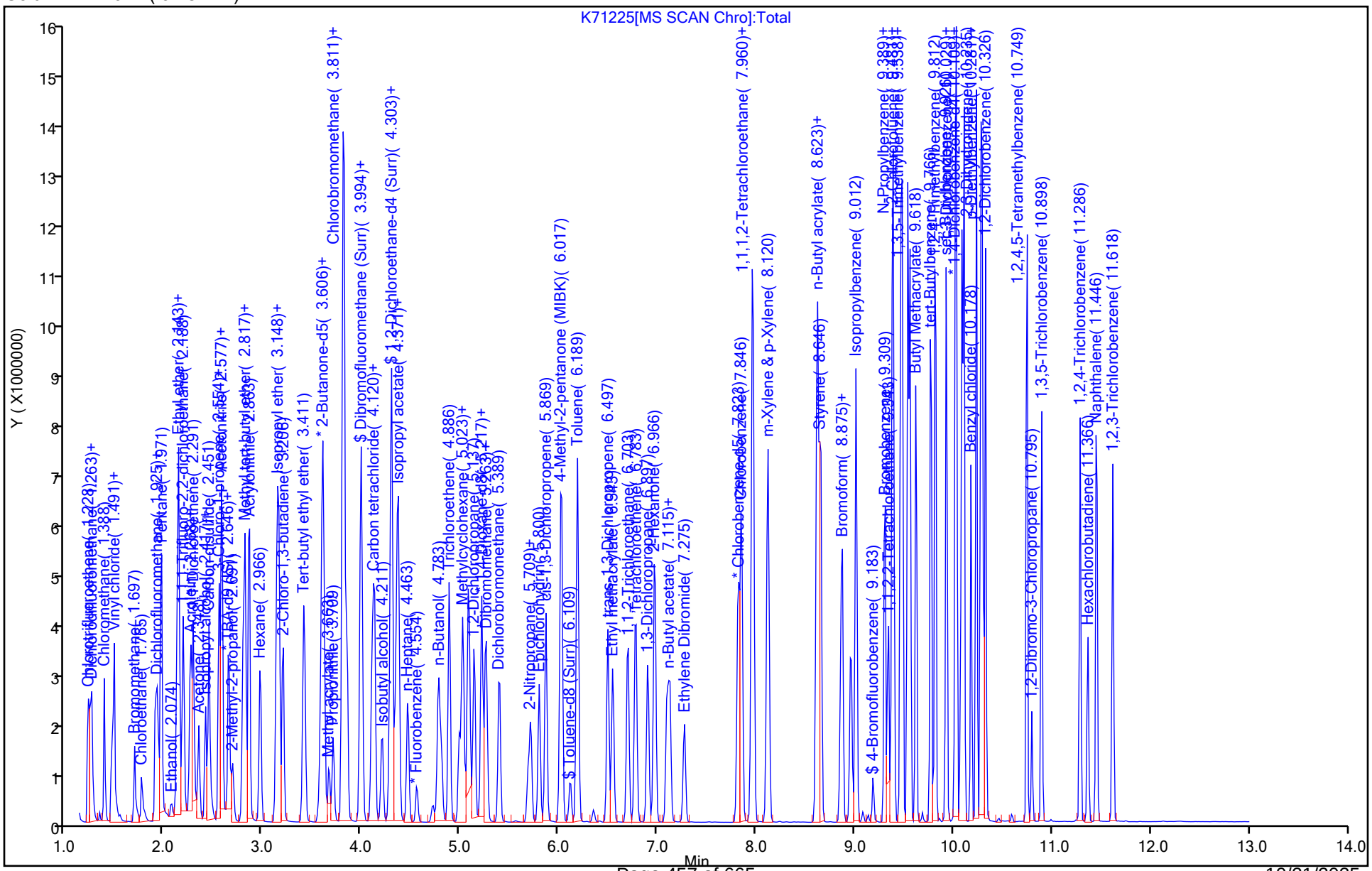
Lims ID: STD500 Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

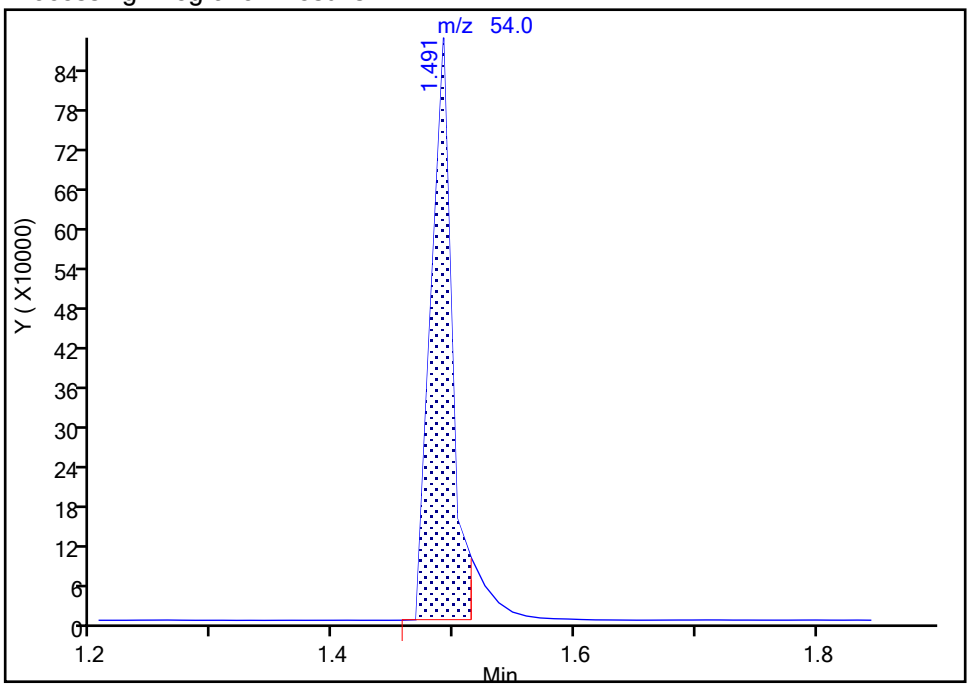
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D
Injection Date: 12-Aug-2025 10:56:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

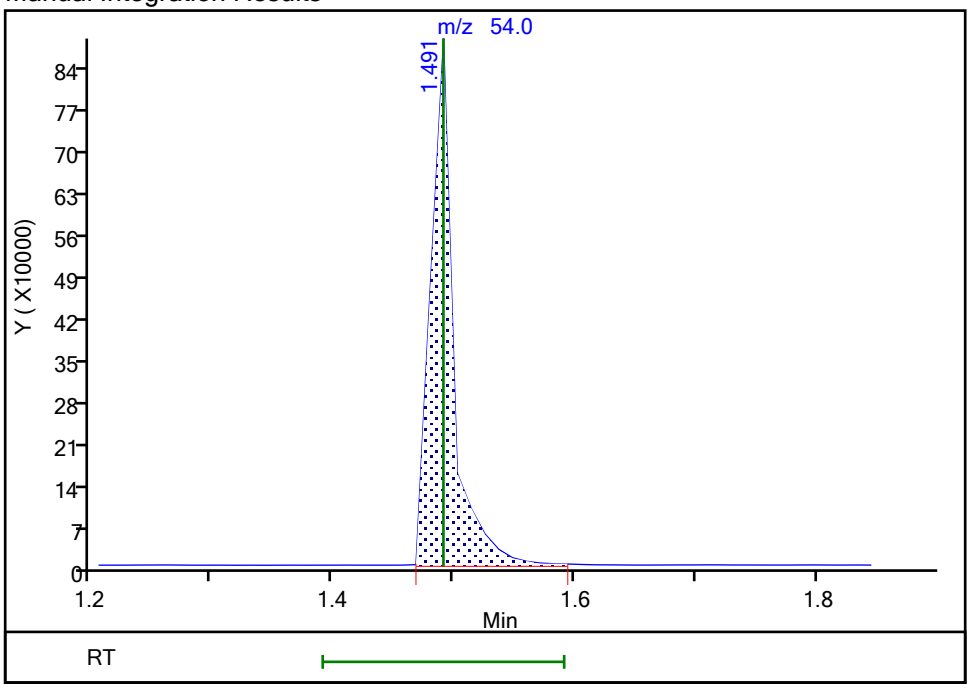
Processing Integration Results

RT: 1.49
Area: 1081955
Amount: 485.5461
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 1154721
Amount: 513.4110
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:06:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

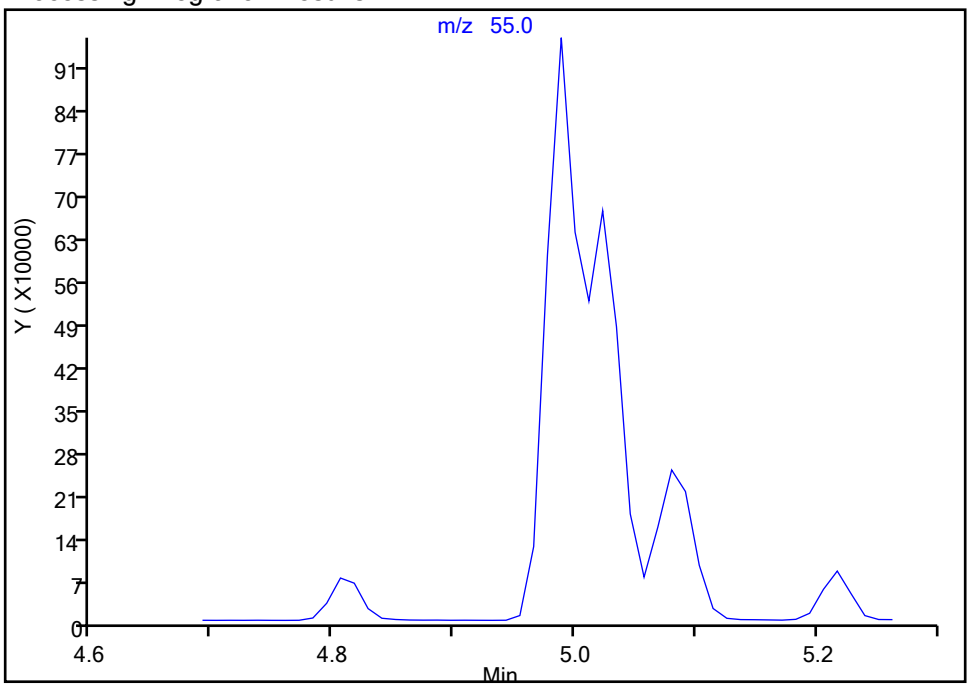
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D
Injection Date: 12-Aug-2025 10:56:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

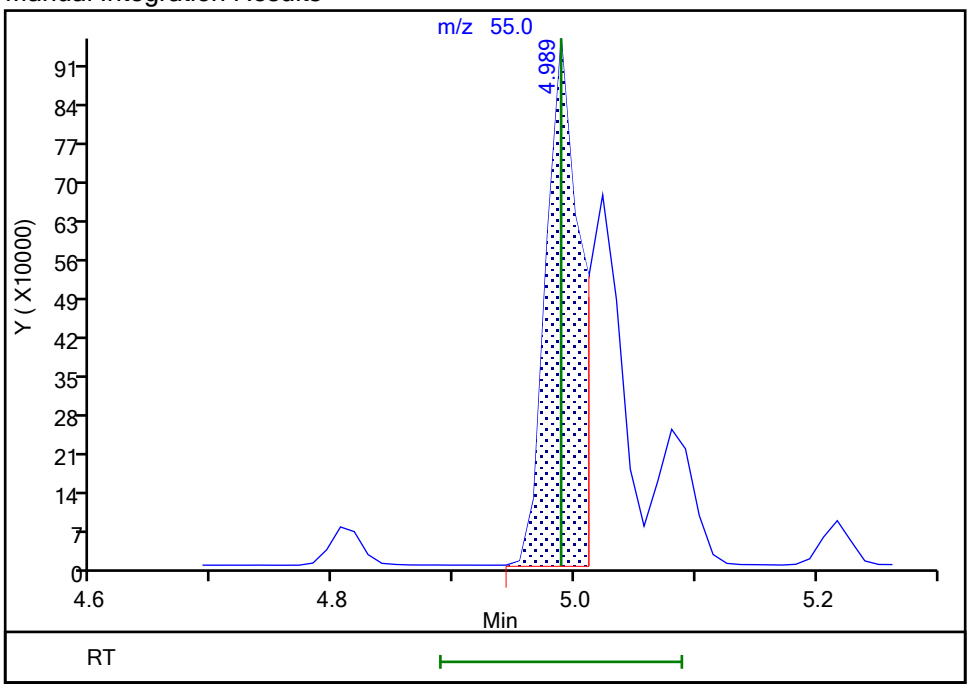
Not Detected
Expected RT: 4.99

Processing Integration Results



Manual Integration Results

RT: 4.99
Area: 1950618
Amount: 556.5373
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:07:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

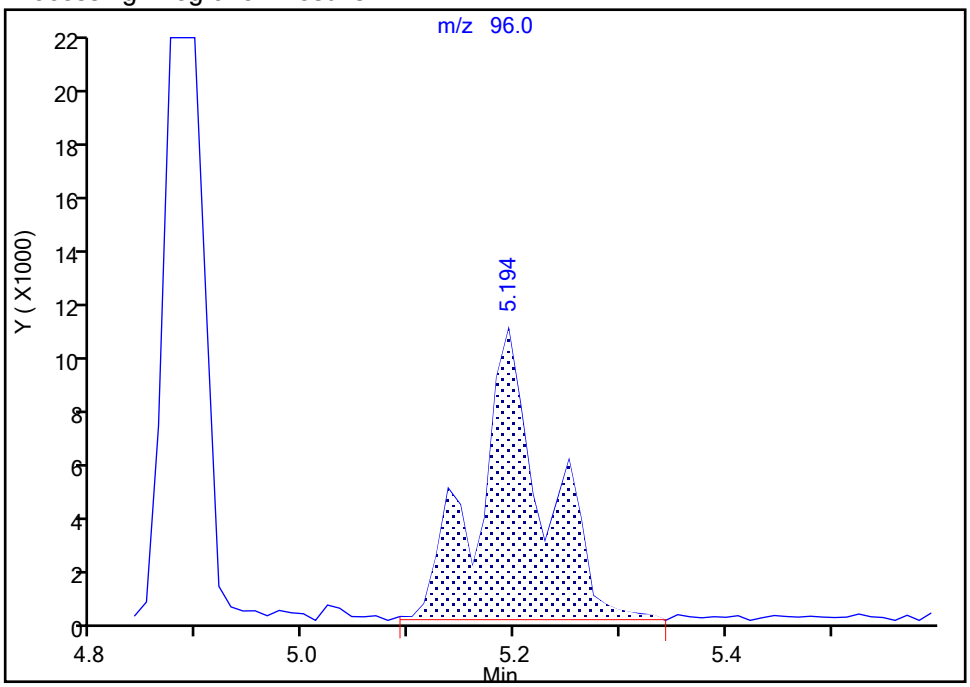
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D
Injection Date: 12-Aug-2025 10:56:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

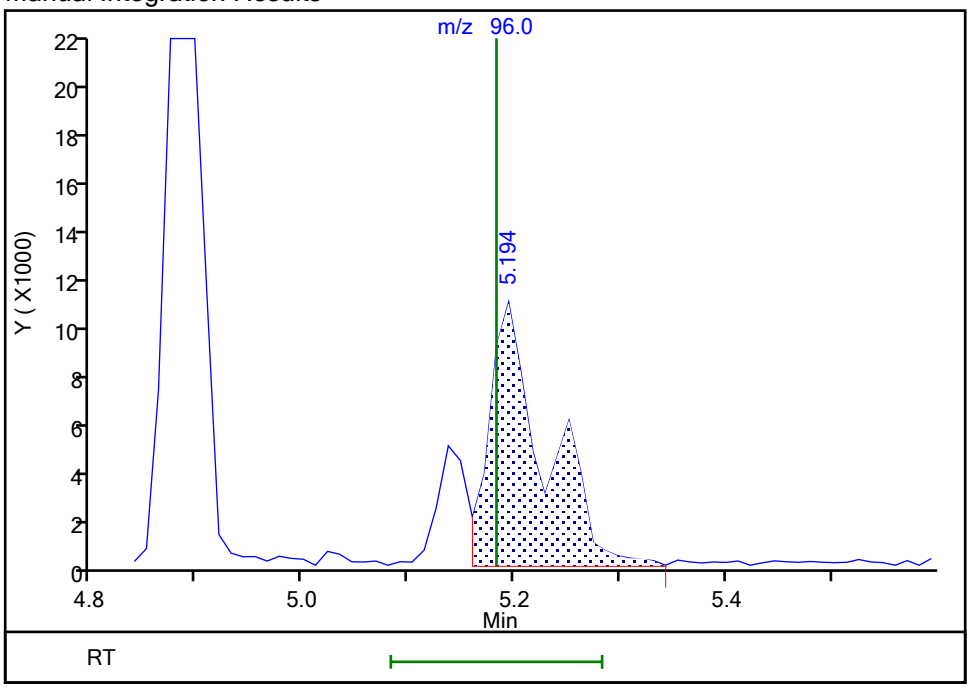
Processing Integration Results

RT: 5.19
Area: 47792
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 39332
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:06:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

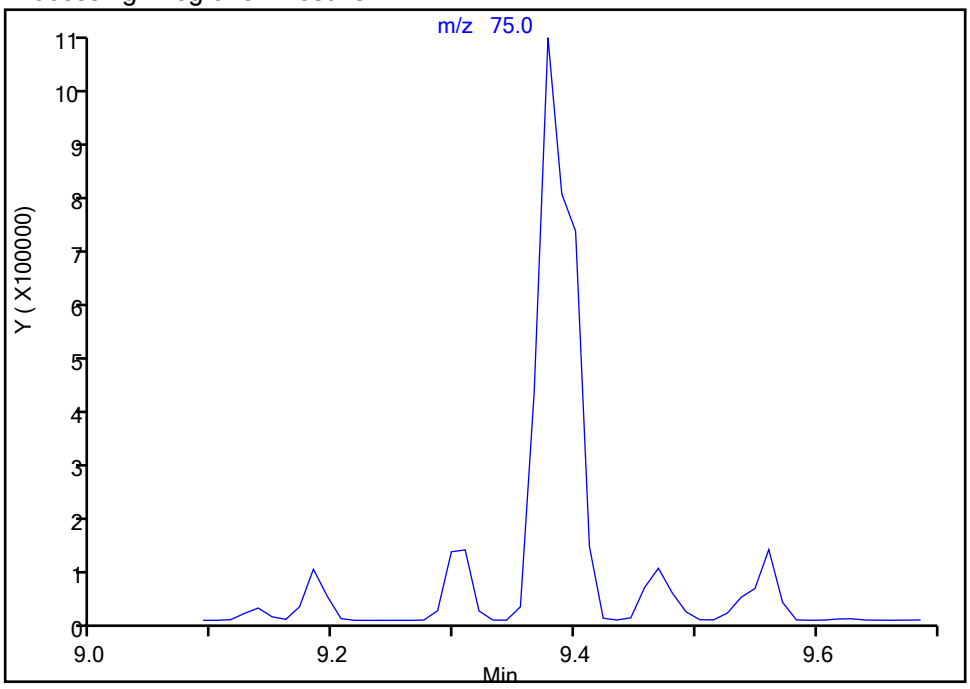
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D
Injection Date: 12-Aug-2025 10:56:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

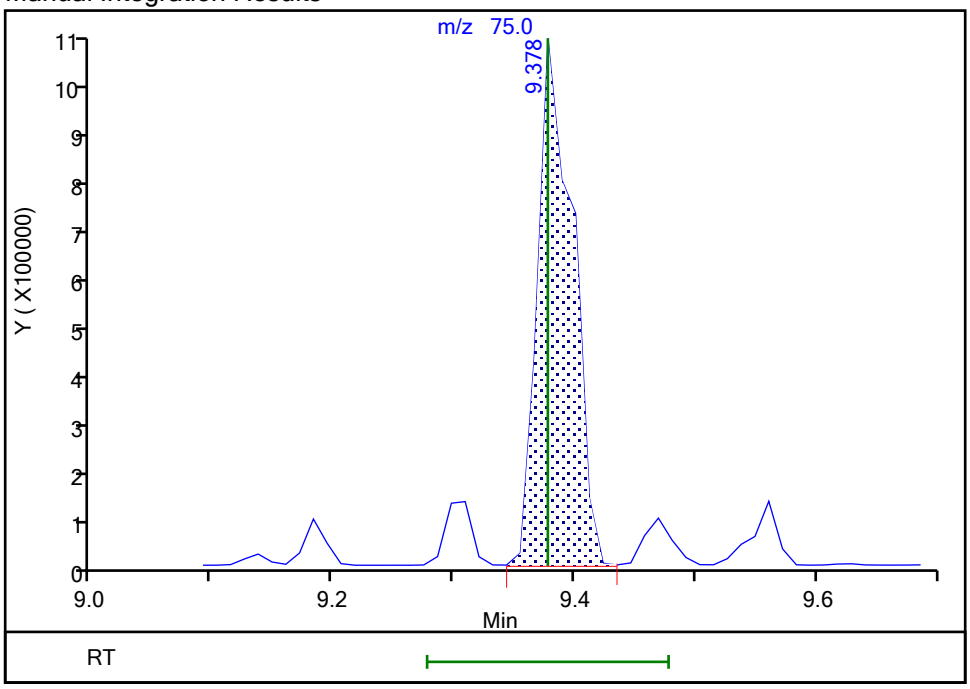
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 2126276
Amount: 475.9522
Amount Units: ug/l



Reviewer: NN6A, 12-Aug-2025 20:07:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

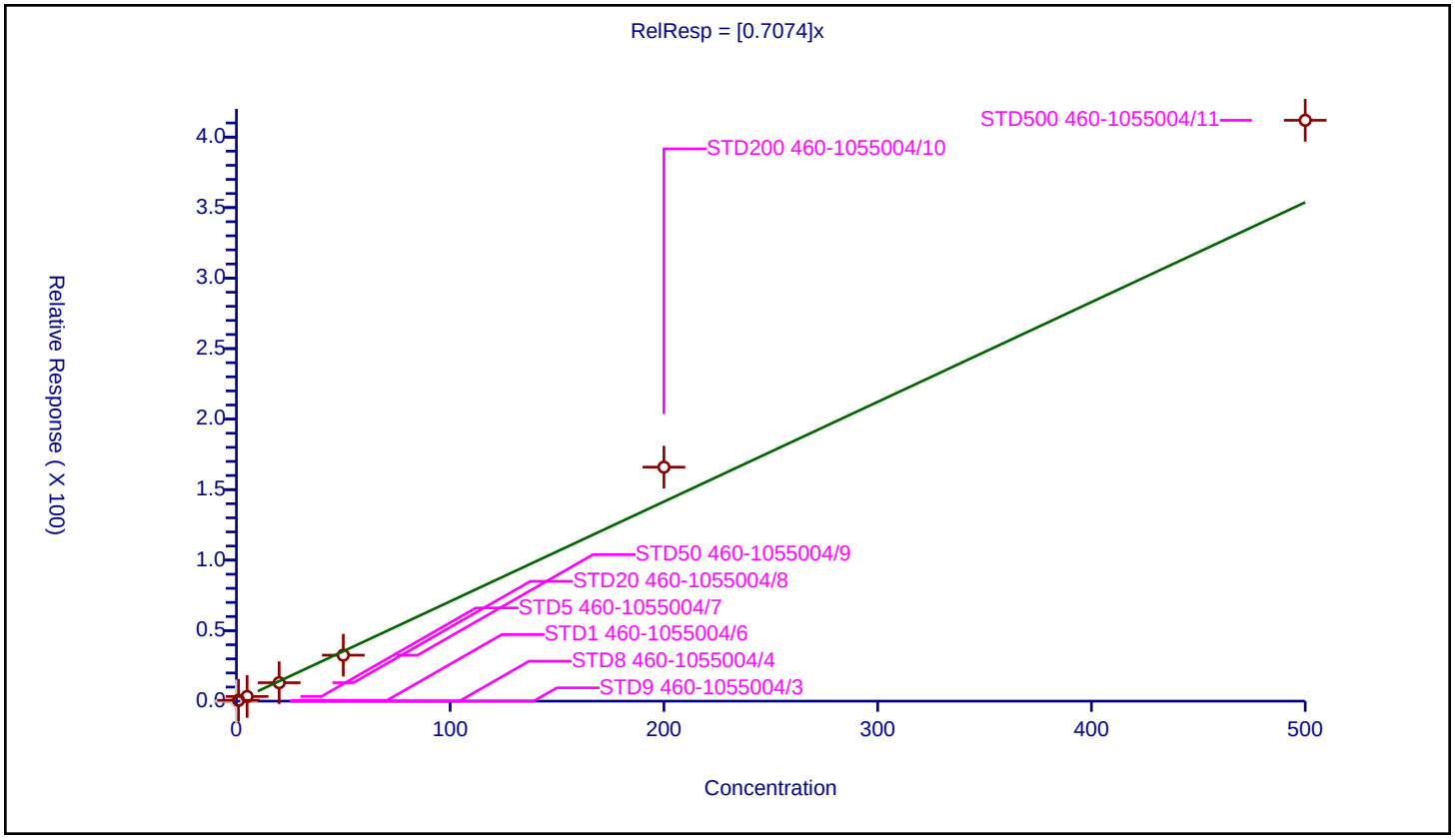
Curve Coefficients

Intercept:	0
Slope:	0.7074

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	250.0	277335.0	NaN	N
2	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
3	STD1 460-1055004/6	1.0	0.621955	250.0	223087.0	0.621955	Y
4	STD5 460-1055004/7	5.0	3.318559	250.0	220201.0	0.663712	Y
5	STD20 460-1055004/8	20.0	13.074874	250.0	222201.0	0.653744	Y
6	STD50 460-1055004/9	50.0	32.584203	250.0	228999.0	0.651684	Y
7	STD200 460-1055004/10	200.0	165.936322	250.0	226263.0	0.829682	Y
8	STD500 460-1055004/11	500.0	411.917801	250.0	241391.0	0.823836	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

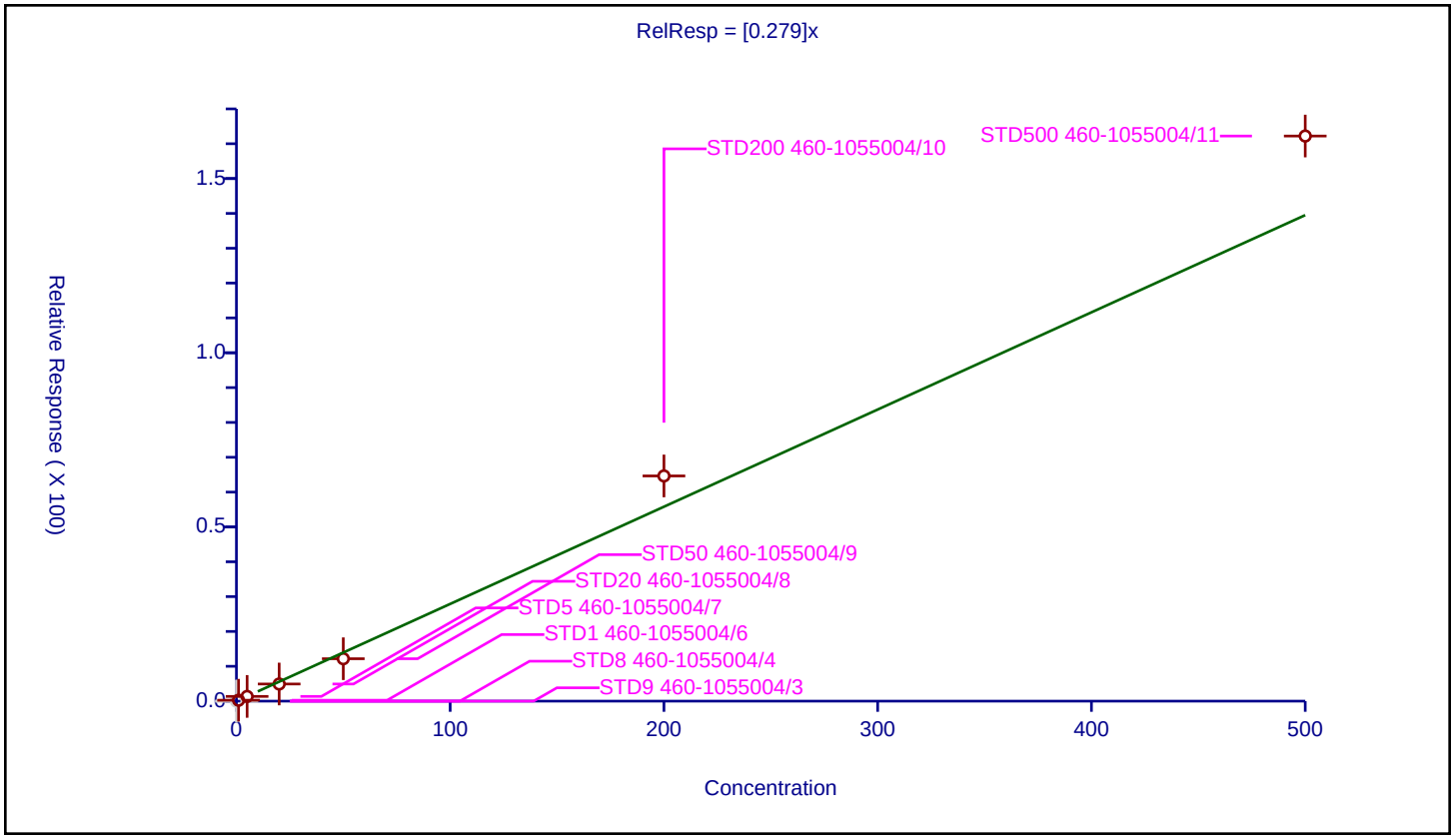
Curve Coefficients

Intercept:	0
Slope:	0.279

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.265605	50.0	569079.0	0.265605	Y
4	STD5 460-1055004/7	5.0	1.35666	50.0	578553.0	0.271332	Y
5	STD20 460-1055004/8	20.0	4.920491	50.0	579871.0	0.246025	Y
6	STD50 460-1055004/9	50.0	12.174988	50.0	577709.0	0.2435	Y
7	STD200 460-1055004/10	200.0	64.639906	50.0	604717.0	0.3232	Y
8	STD500 460-1055004/11	500.0	162.210089	50.0	618939.0	0.32442	Y



Calibration / Chlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

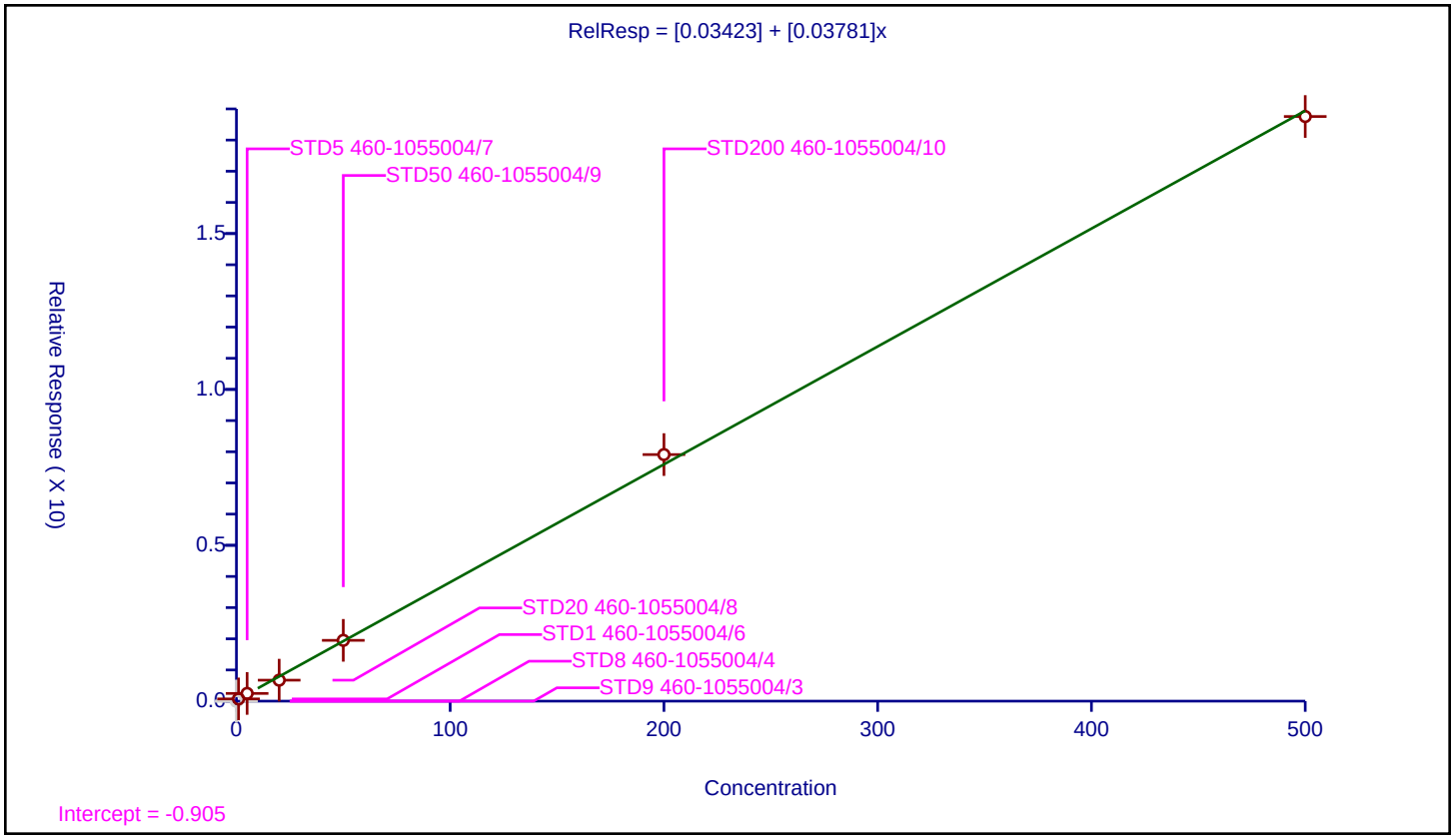
Curve Coefficients

Intercept:	0.03423
Slope:	0.03781

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
3	STD1 460-1055004/6	1.0	0.071343	50.0	569079.0	0.071343	Y
4	STD5 460-1055004/7	5.0	0.247687	50.0	578553.0	0.049537	Y
5	STD20 460-1055004/8	20.0	0.672908	50.0	579871.0	0.033645	Y
6	STD50 460-1055004/9	50.0	1.949857	50.0	577709.0	0.038997	Y
7	STD200 460-1055004/10	200.0	7.910064	50.0	604717.0	0.03955	Y
8	STD500 460-1055004/11	500.0	18.755241	50.0	618939.0	0.03751	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

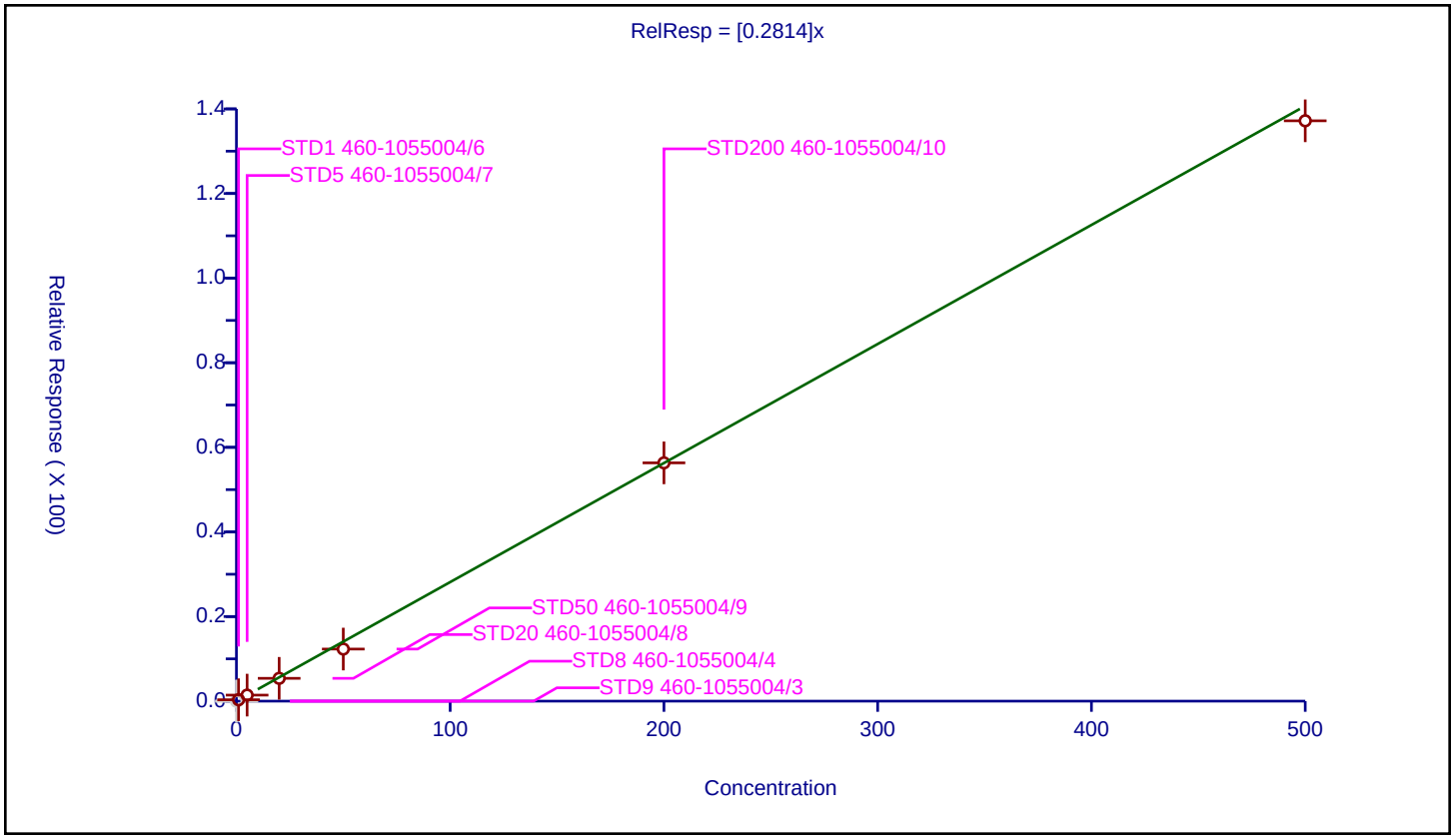
Curve Coefficients

Intercept:	0
Slope:	0.2814

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.331588	50.0	569079.0	0.331588	Y
4	STD5 460-1055004/7	5.0	1.424416	50.0	578553.0	0.284883	Y
5	STD20 460-1055004/8	20.0	5.394045	50.0	579871.0	0.269702	Y
6	STD50 460-1055004/9	50.0	12.311735	50.0	577709.0	0.246235	Y
7	STD200 460-1055004/10	200.0	56.326761	50.0	604717.0	0.281634	Y
8	STD500 460-1055004/11	500.0	137.188317	50.0	618939.0	0.274377	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

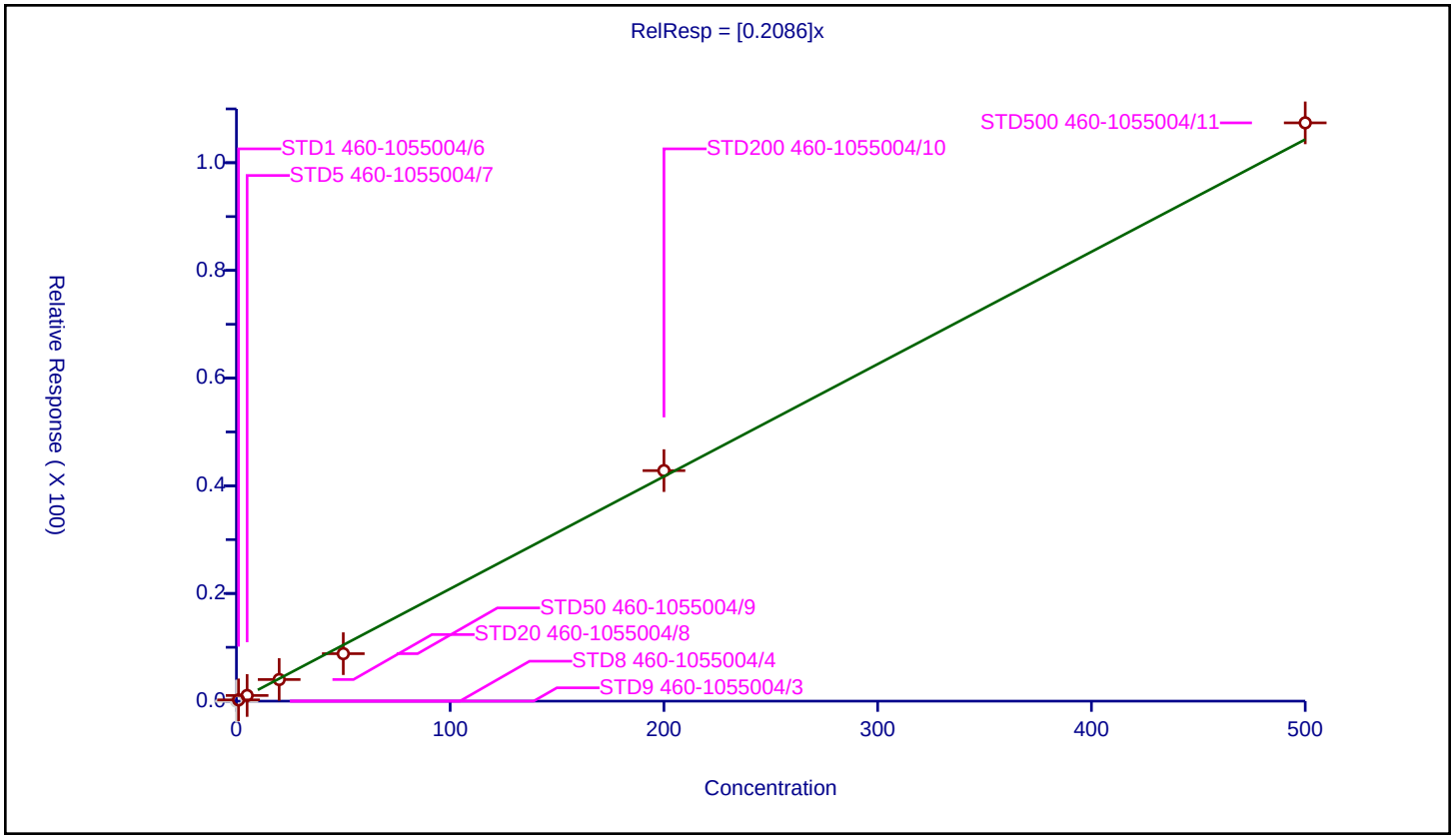
Curve Coefficients

Intercept:	0
Slope:	0.2086

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.235468	50.0	569079.0	0.235468	Y
4	STD5 460-1055004/7	5.0	1.052885	50.0	578553.0	0.210577	Y
5	STD20 460-1055004/8	20.0	4.011841	50.0	579871.0	0.200592	Y
6	STD50 460-1055004/9	50.0	8.816463	50.0	577709.0	0.176329	Y
7	STD200 460-1055004/10	200.0	42.819203	50.0	604717.0	0.214096	Y
8	STD500 460-1055004/11	500.0	107.406546	50.0	618939.0	0.214813	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

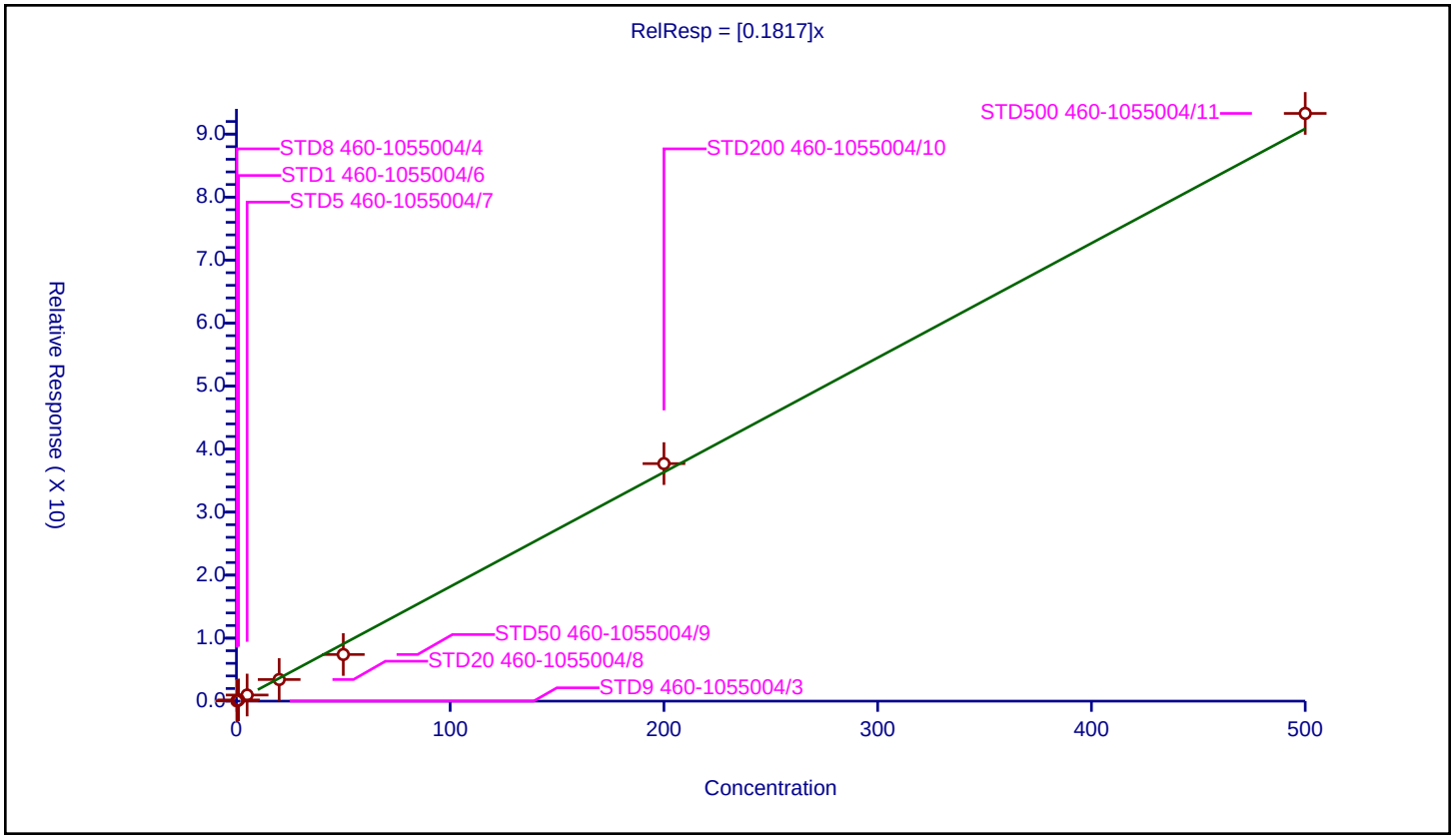
Curve Coefficients

Intercept:	0
Slope:	0.1817

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.048723	50.0	577755.0	0.194892	Y
3	STD1 460-1055004/6	1.0	0.188111	50.0	569079.0	0.188111	Y
4	STD5 460-1055004/7	5.0	0.970438	50.0	578553.0	0.194088	Y
5	STD20 460-1055004/8	20.0	3.431108	50.0	579871.0	0.171555	Y
6	STD50 460-1055004/9	50.0	7.405978	50.0	577709.0	0.14812	Y
7	STD200 460-1055004/10	200.0	37.701685	50.0	604717.0	0.188508	Y
8	STD500 460-1055004/11	500.0	93.282294	50.0	618939.0	0.186565	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

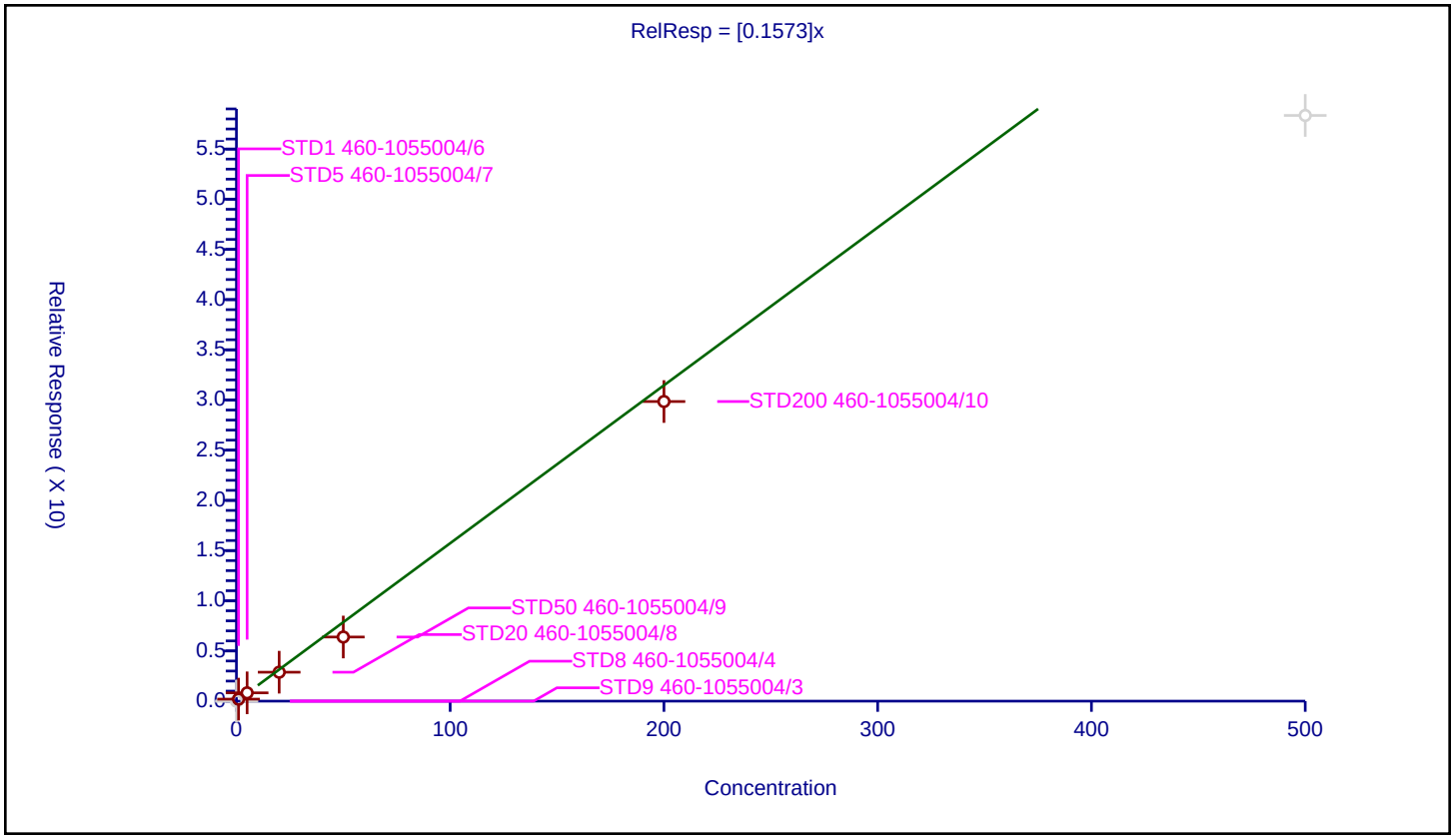
Curve Coefficients

Intercept:	0
Slope:	0.1573

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.199884	50.0	569079.0	0.199884	Y
4	STD5 460-1055004/7	5.0	0.827582	50.0	578553.0	0.165516	Y
5	STD20 460-1055004/8	20.0	2.882365	50.0	579871.0	0.144118	Y
6	STD50 460-1055004/9	50.0	6.387472	50.0	577709.0	0.127749	Y
7	STD200 460-1055004/10	200.0	29.8495	50.0	604717.0	0.149247	Y
8	STD500 460-1055004/11	500.0	58.346865	50.0	618939.0	0.116694	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

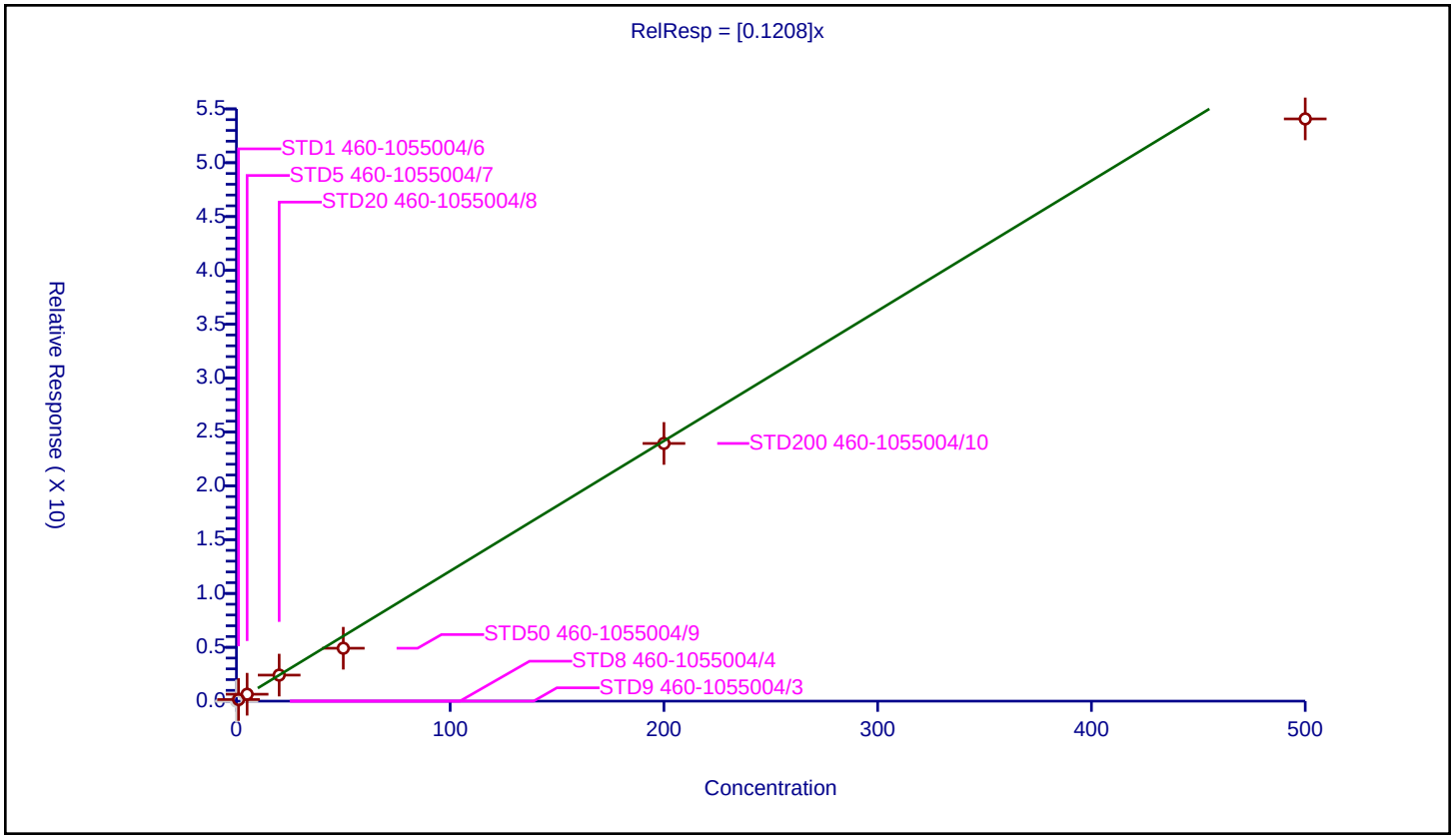
Curve Coefficients

Intercept:	0
Slope:	0.1208

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.149716	50.0	569079.0	0.149716	Y
4	STD5 460-1055004/7	5.0	0.641601	50.0	578553.0	0.12832	Y
5	STD20 460-1055004/8	20.0	2.418555	50.0	579871.0	0.120928	Y
6	STD50 460-1055004/9	50.0	4.912335	50.0	577709.0	0.098247	Y
7	STD200 460-1055004/10	200.0	23.930698	50.0	604717.0	0.119653	Y
8	STD500 460-1055004/11	500.0	54.070353	50.0	618939.0	0.108141	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

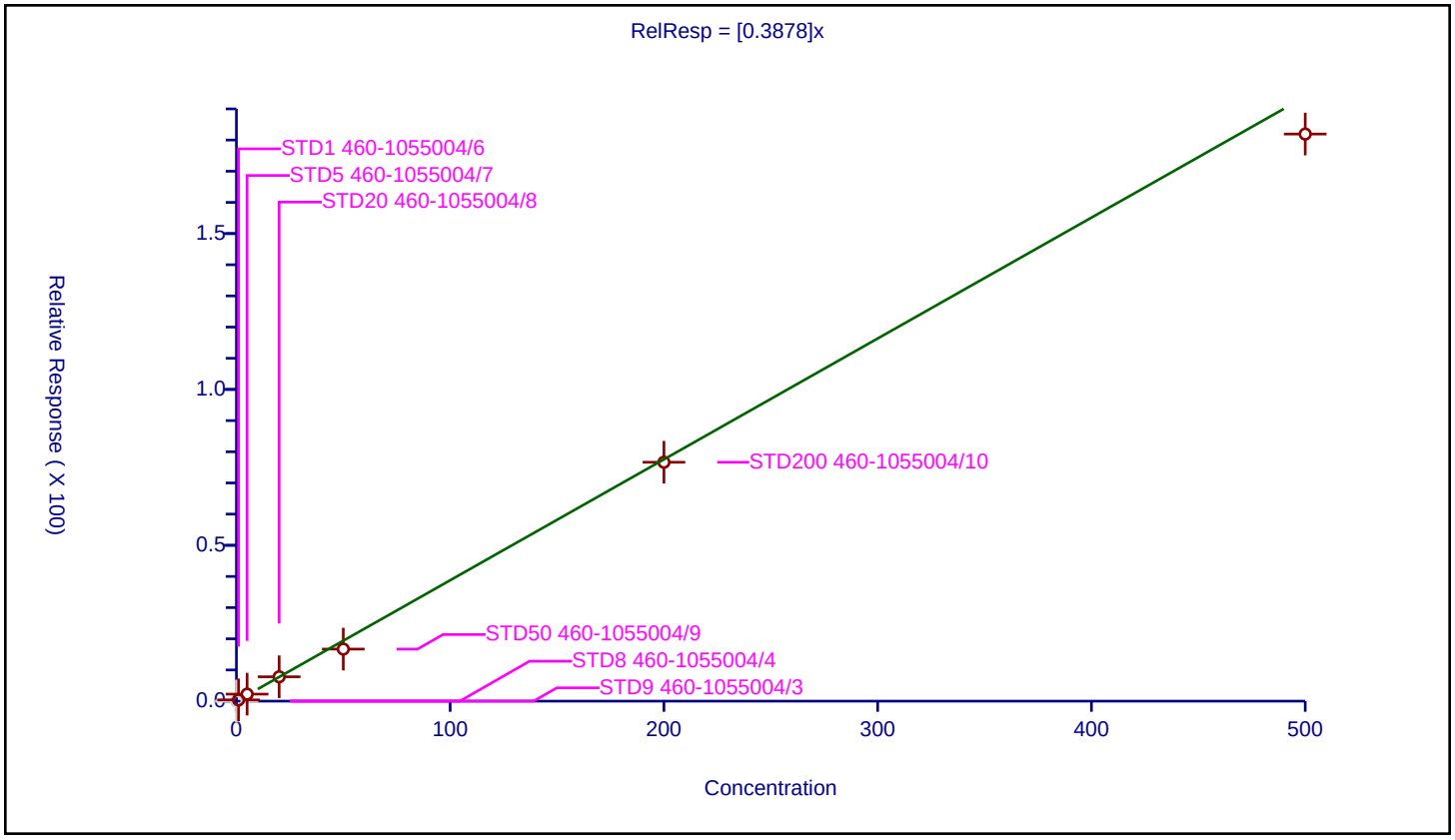
Curve Coefficients

Intercept:	0
Slope:	0.3878

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.405304	50.0	569079.0	0.405304	Y
4	STD5 460-1055004/7	5.0	2.249146	50.0	578553.0	0.449829	Y
5	STD20 460-1055004/8	20.0	7.812341	50.0	579871.0	0.390617	Y
6	STD50 460-1055004/9	50.0	16.698545	50.0	577709.0	0.333971	Y
7	STD200 460-1055004/10	200.0	76.644033	50.0	604717.0	0.38322	Y
8	STD500 460-1055004/11	500.0	181.921239	50.0	618939.0	0.363842	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

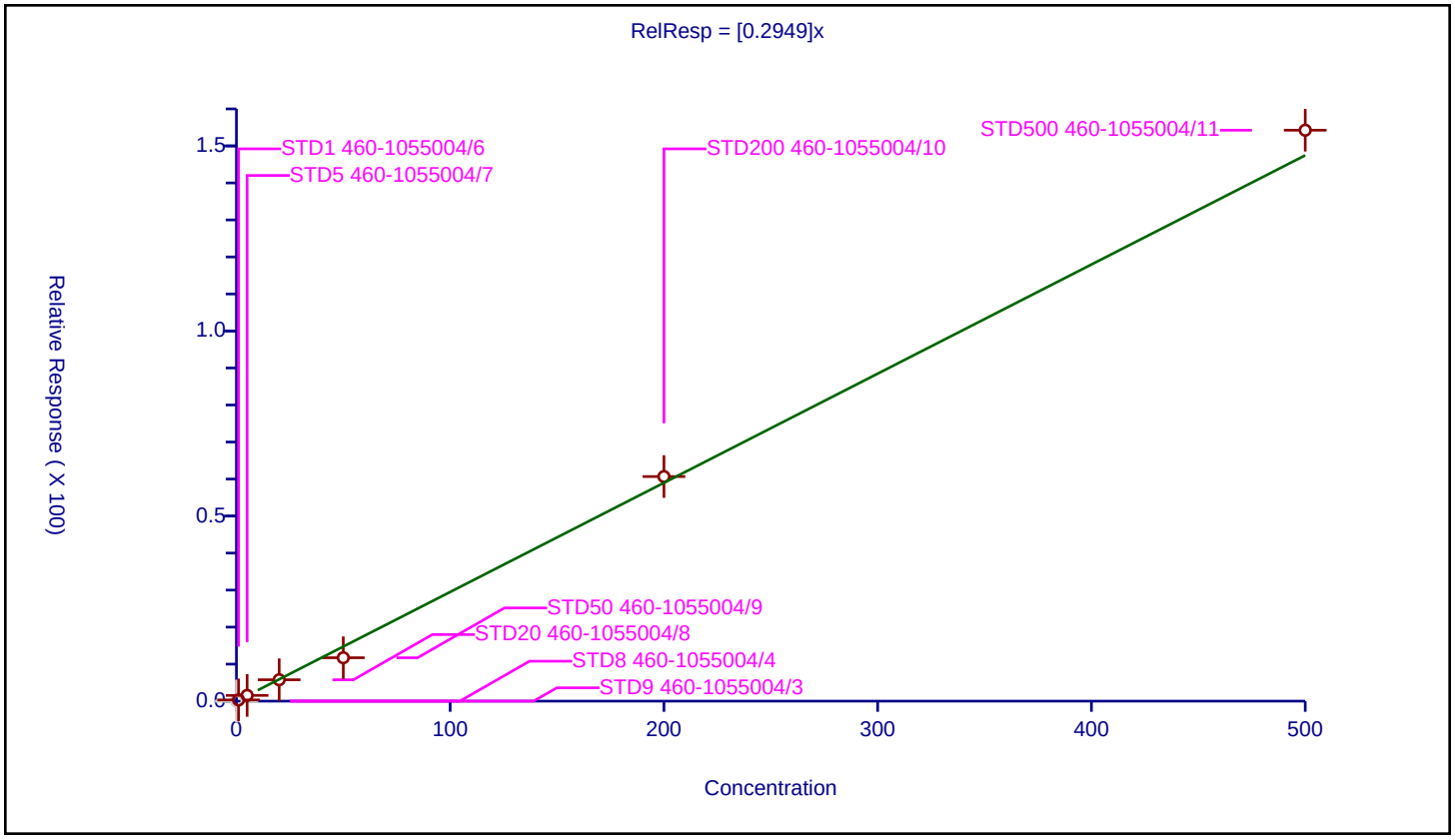
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.25	0.0	50.0	577755.0	0.0	N
3	STD1 460-1055004/6	1.0	0.32456	50.0	569079.0	0.32456	Y
4	STD5 460-1055004/7	5.0	1.549556	50.0	578553.0	0.309911	Y
5	STD20 460-1055004/8	20.0	5.77137	50.0	579871.0	0.288568	Y
6	STD50 460-1055004/9	50.0	11.72554	50.0	577709.0	0.234511	Y
7	STD200 460-1055004/10	200.0	60.674167	50.0	604717.0	0.303371	Y
8	STD500 460-1055004/11	500.0	154.246784	50.0	618939.0	0.308494	Y



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Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

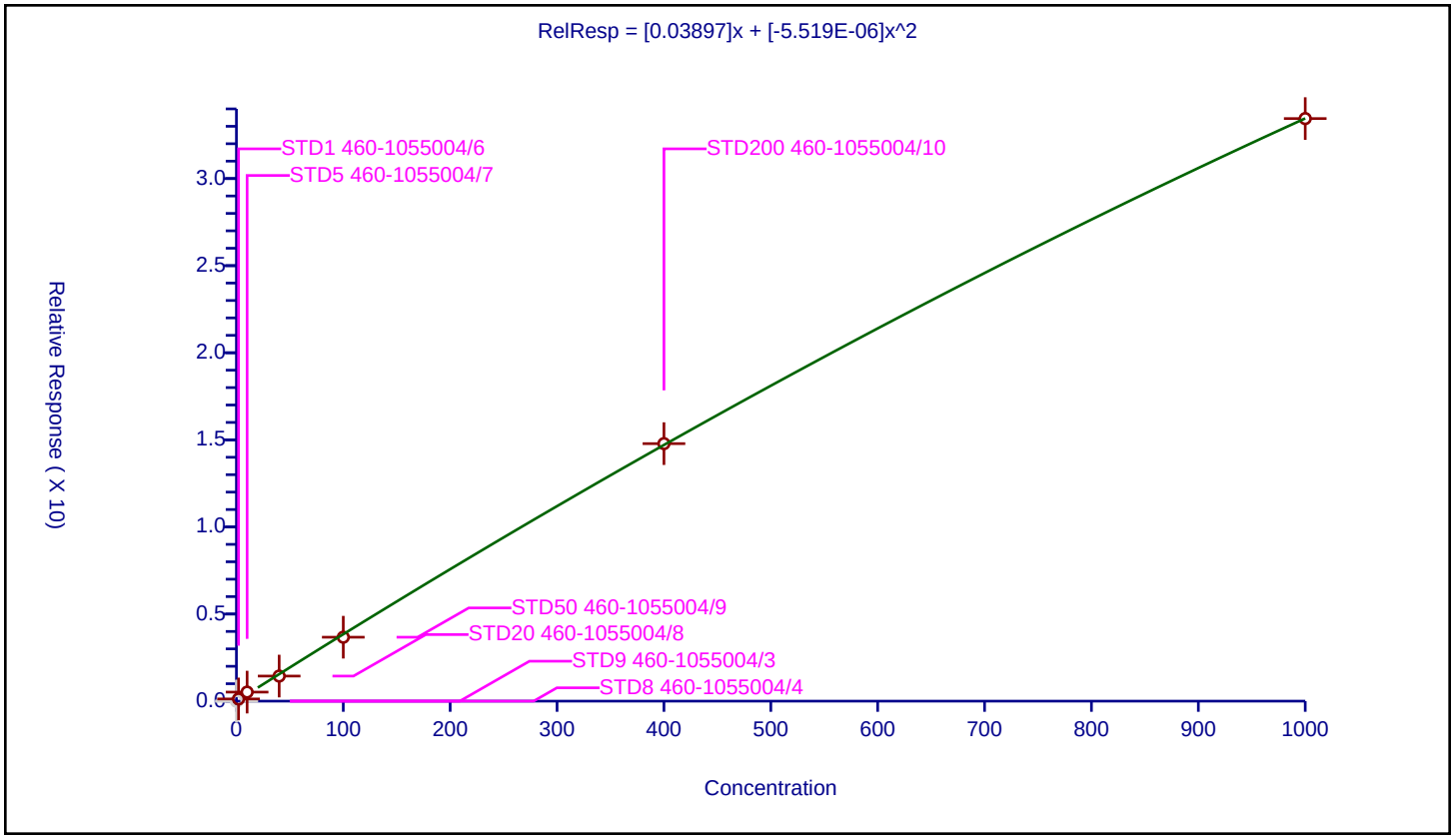
Curve Coefficients

Intercept:	0
Slope:	0.03897
Second Order:	-5.519E-06

Error Coefficients

Relative Standard Deviation:	35.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	2.0	0.125466	50.0	569079.0	0.062733	Y
4	STD5 460-1055004/7	10.0	0.519313	50.0	578553.0	0.051931	Y
5	STD20 460-1055004/8	40.0	1.439199	50.0	579871.0	0.03598	Y
6	STD50 460-1055004/9	100.0	3.669668	50.0	577709.0	0.036697	Y
7	STD200 460-1055004/10	400.0	14.783031	50.0	604717.0	0.036958	Y
8	STD500 460-1055004/11	1000.0	33.444168	50.0	618939.0	0.033444	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

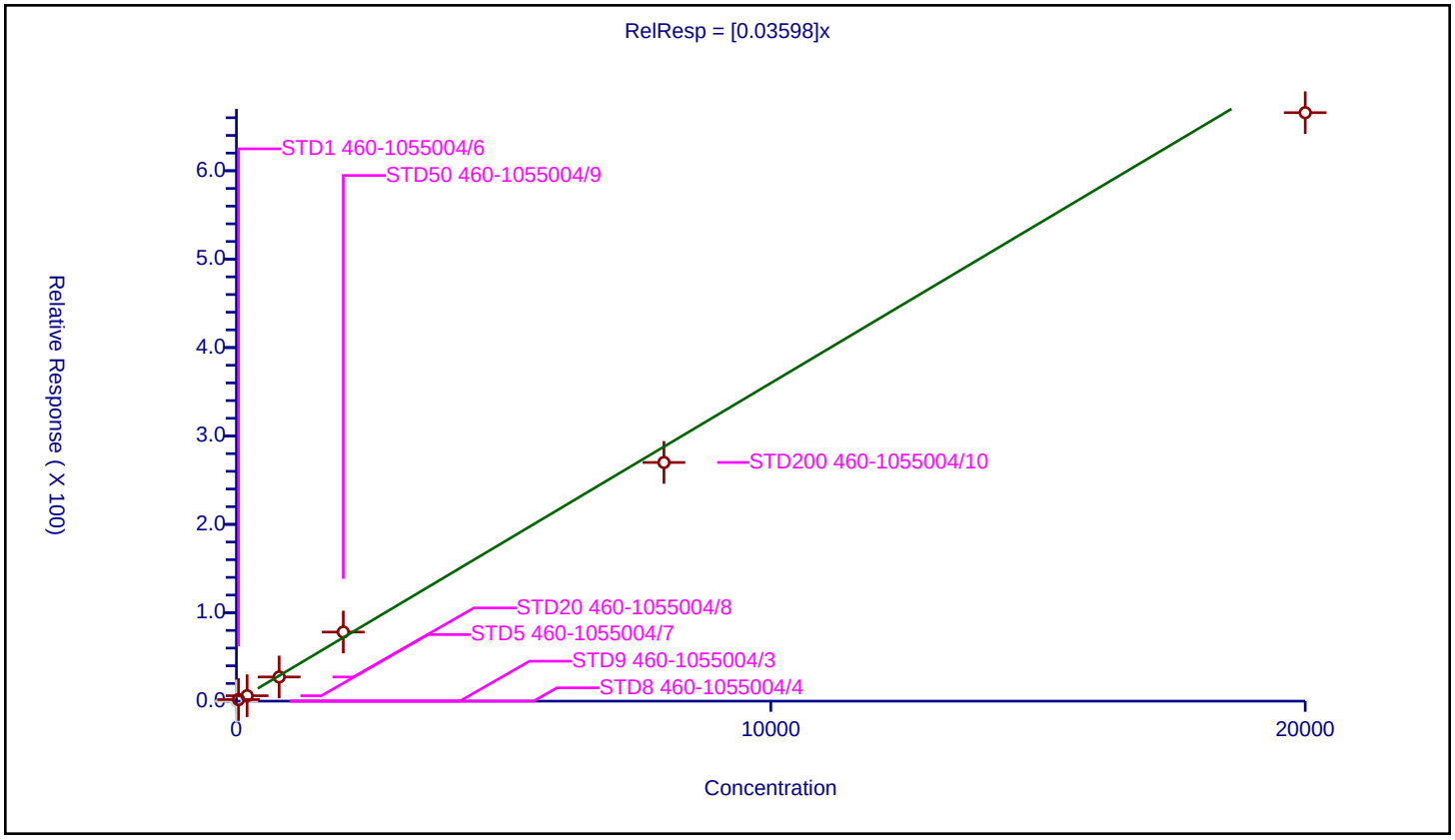
Curve Coefficients

Intercept:	0
Slope:	0.03598

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	8.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	40.0	1.795734	1000.0	196577.0	0.044893	Y
4	STD5 460-1055004/7	200.0	6.140954	1000.0	197852.0	0.030705	Y
5	STD20 460-1055004/8	800.0	27.340042	1000.0	200146.0	0.034175	Y
6	STD50 460-1055004/9	2000.0	78.132857	1000.0	202834.0	0.039066	Y
7	STD200 460-1055004/10	8000.0	270.023083	1000.0	206212.0	0.033753	Y
8	STD500 460-1055004/11	20000.0	665.719596	1000.0	235111.0	0.033286	Y



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

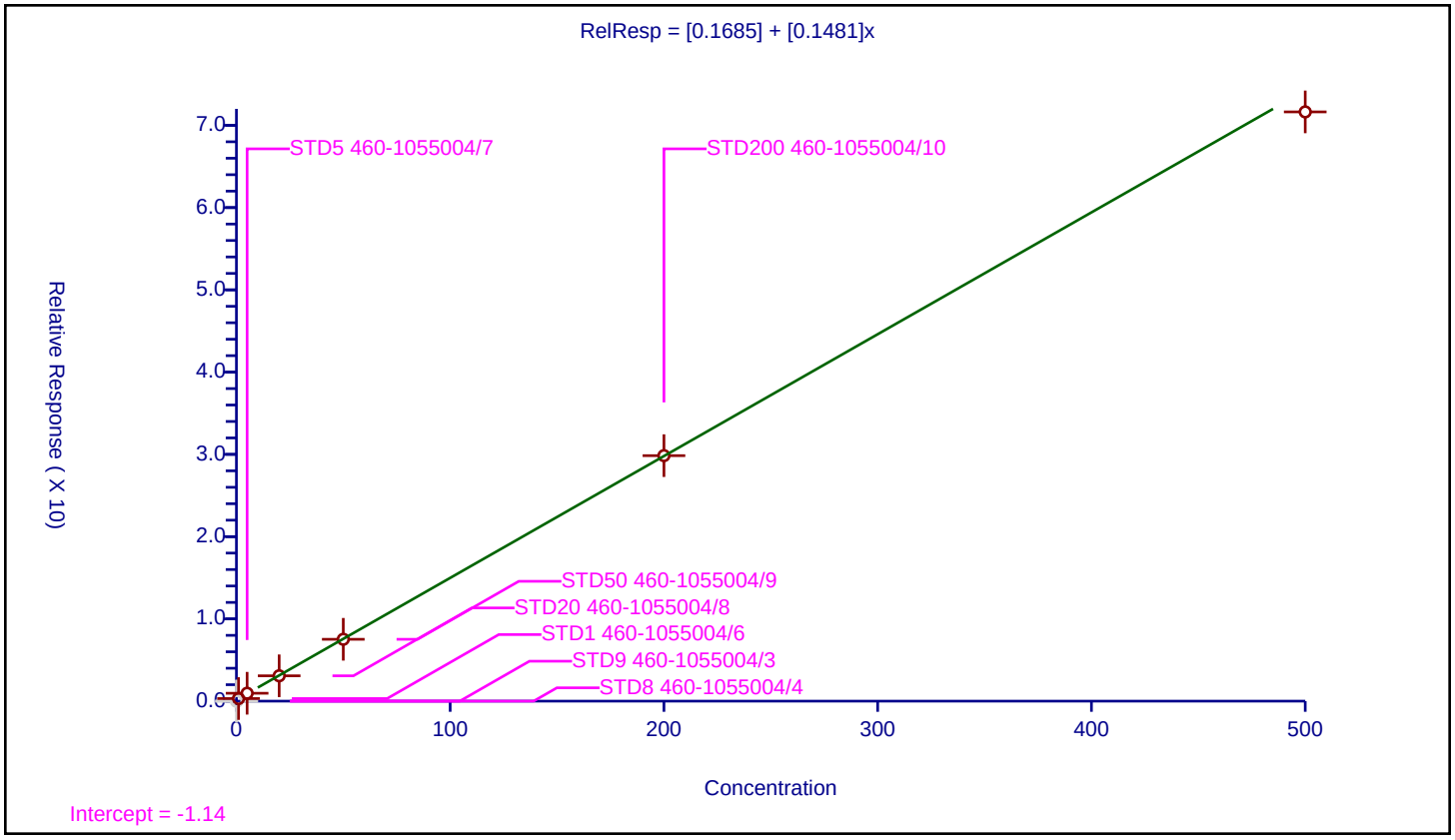
Curve Coefficients

Intercept:	0.1685
Slope:	0.1481

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.314719	50.0	569079.0	0.314719	Y
4	STD5 460-1055004/7	5.0	0.961018	50.0	578553.0	0.192204	Y
5	STD20 460-1055004/8	20.0	3.081806	50.0	579871.0	0.15409	Y
6	STD50 460-1055004/9	50.0	7.520222	50.0	577709.0	0.150404	Y
7	STD200 460-1055004/10	200.0	29.845944	50.0	604717.0	0.14923	Y
8	STD500 460-1055004/11	500.0	71.634846	50.0	618939.0	0.14327	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

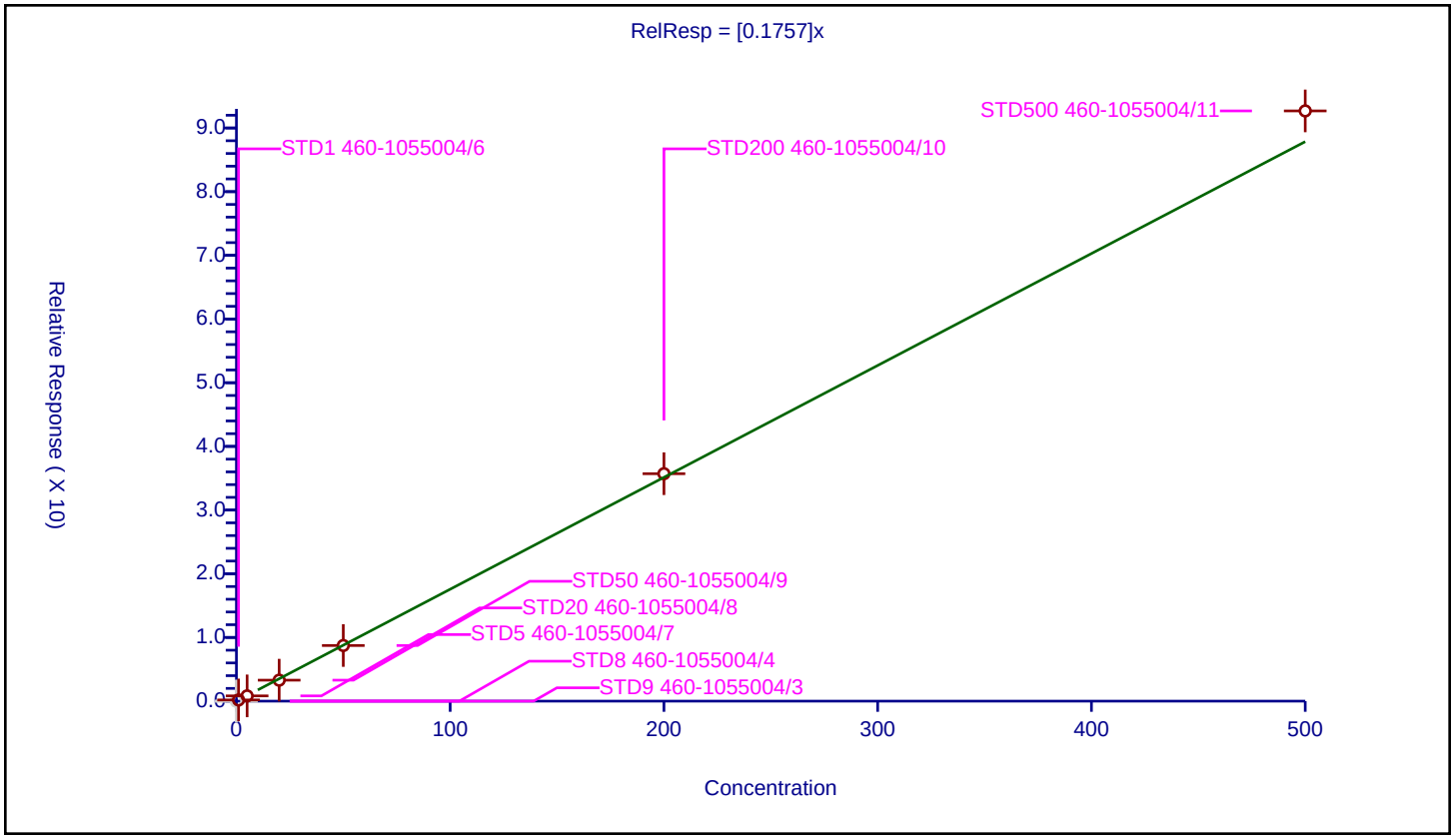
Curve Coefficients

Intercept:	0
Slope:	0.1757

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
3	STD1 460-1055004/6	1.0	0.186002	50.0	569079.0	0.186002	Y
4	STD5 460-1055004/7	5.0	0.824816	50.0	578553.0	0.164963	Y
5	STD20 460-1055004/8	20.0	3.29237	50.0	579871.0	0.164619	Y
6	STD50 460-1055004/9	50.0	8.736405	50.0	577709.0	0.174728	Y
7	STD200 460-1055004/10	200.0	35.716542	50.0	604717.0	0.178583	Y
8	STD500 460-1055004/11	500.0	92.683689	50.0	618939.0	0.185367	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

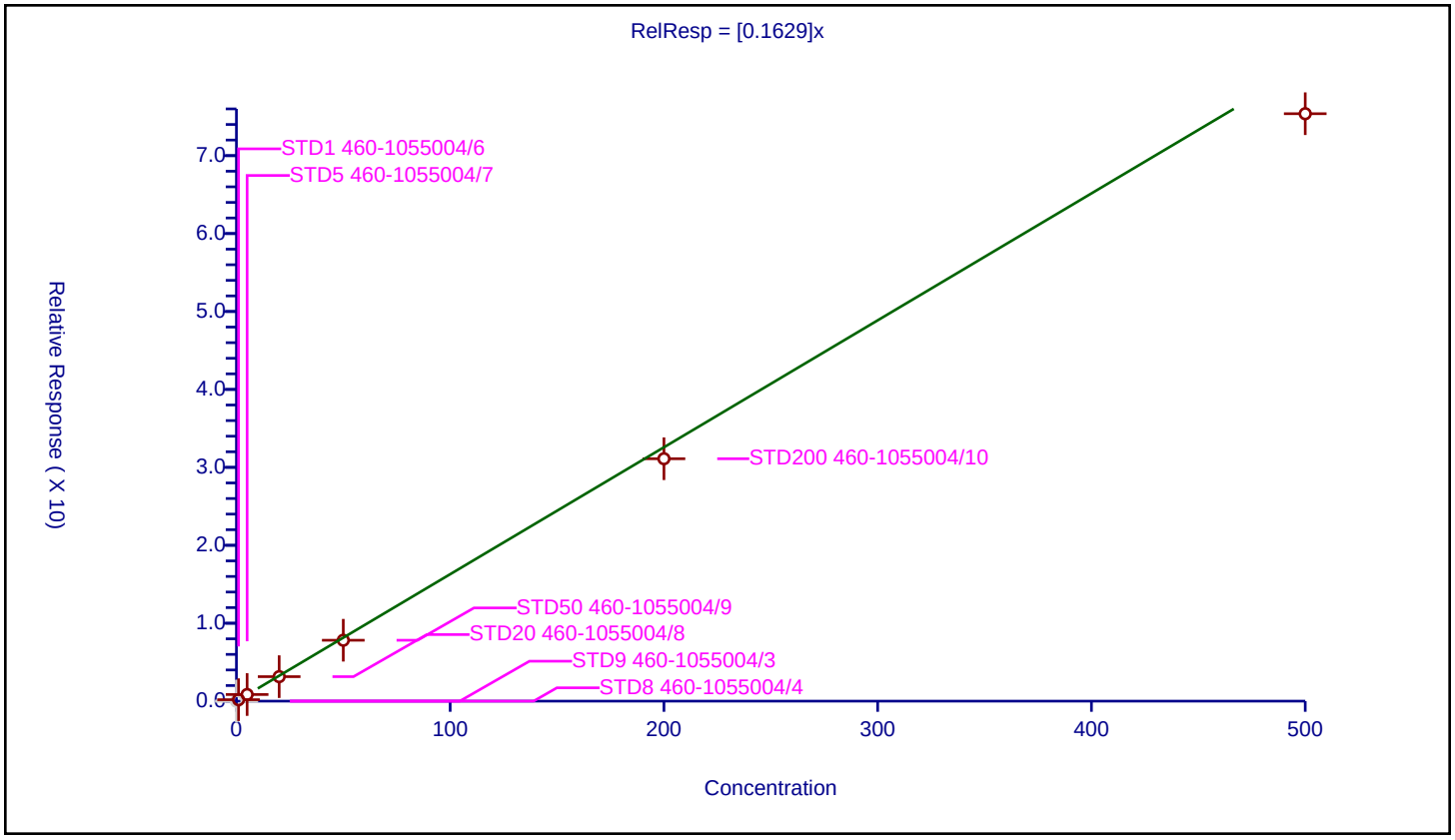
Curve Coefficients

Intercept:	0
Slope:	0.1629

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.18732	50.0	569079.0	0.18732	Y
4	STD5 460-1055004/7	5.0	0.851002	50.0	578553.0	0.1702	Y
5	STD20 460-1055004/8	20.0	3.143975	50.0	579871.0	0.157199	Y
6	STD50 460-1055004/9	50.0	7.815353	50.0	577709.0	0.156307	Y
7	STD200 460-1055004/10	200.0	31.107857	50.0	604717.0	0.155539	Y
8	STD500 460-1055004/11	500.0	75.380126	50.0	618939.0	0.15076	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

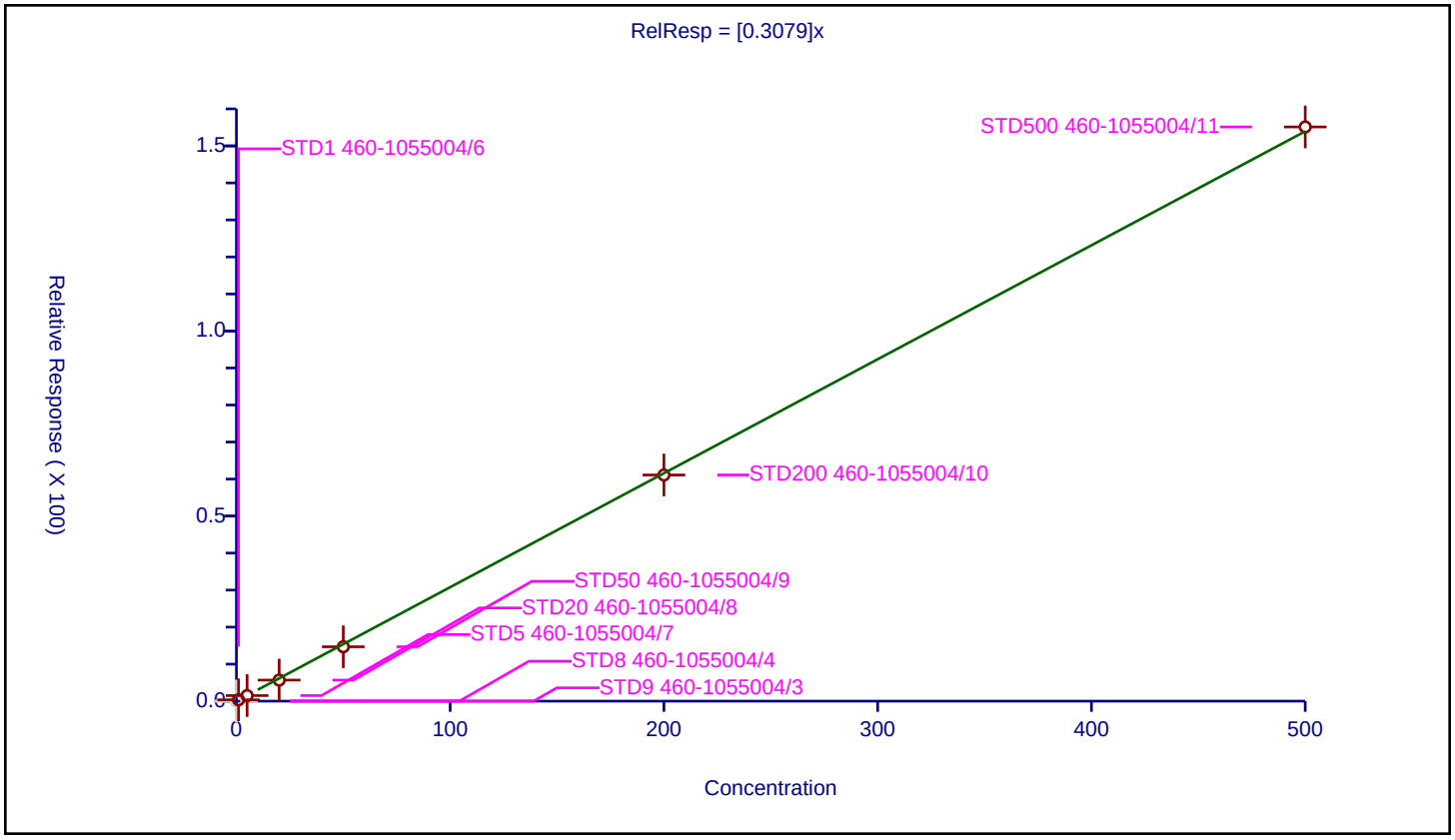
Curve Coefficients

Intercept:	0
Slope:	0.3079

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	50.0	684769.0	NaN	N
2	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
3	STD1 460-1055004/6	1.0	0.352587	50.0	569079.0	0.352587	Y
4	STD5 460-1055004/7	5.0	1.502715	50.0	578553.0	0.300543	Y
5	STD20 460-1055004/8	20.0	5.690662	50.0	579871.0	0.284533	Y
6	STD50 460-1055004/9	50.0	14.691653	50.0	577709.0	0.293833	Y
7	STD200 460-1055004/10	200.0	61.098167	50.0	604717.0	0.305491	Y
8	STD500 460-1055004/11	500.0	155.121022	50.0	618939.0	0.310242	Y



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Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

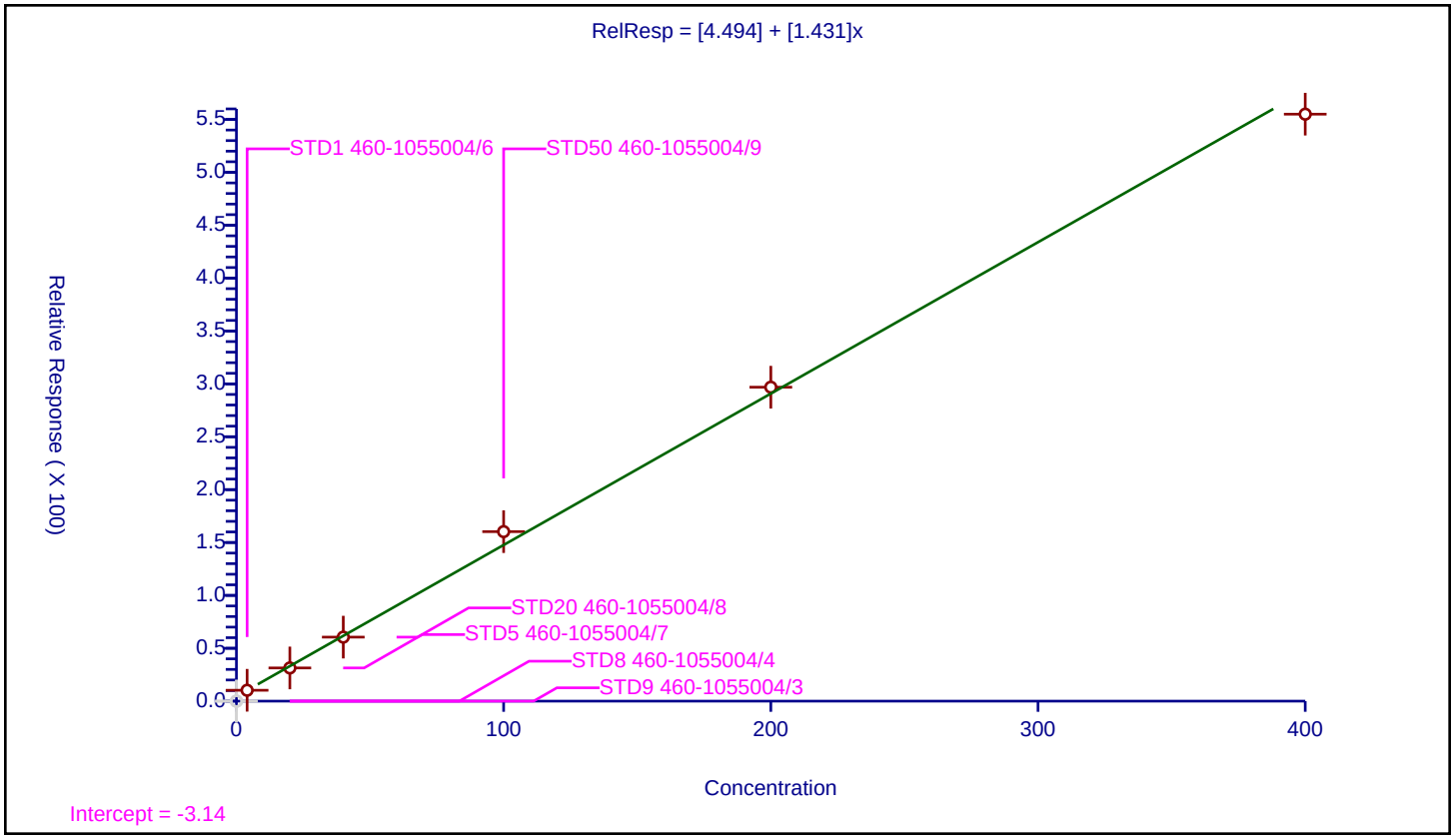
Curve Coefficients

Intercept:	4.494
Slope:	1.431

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	0.0	0.0	1000.0	248061.0	NaN	N
2	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
3	STD1 460-1055004/6	4.0	10.280959	1000.0	196577.0	2.57024	Y
4	STD5 460-1055004/7	20.0	31.397206	1000.0	197852.0	1.56986	Y
5	STD20 460-1055004/8	40.0	60.540805	1000.0	200146.0	1.51352	Y
6	STD50 460-1055004/9	100.0	160.278849	1000.0	202834.0	1.602788	Y
7	STD200 460-1055004/10	200.0	296.844994	1000.0	206212.0	1.484225	Y
8	STD500 460-1055004/11	400.0	555.005933	1000.0	235111.0	1.387515	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

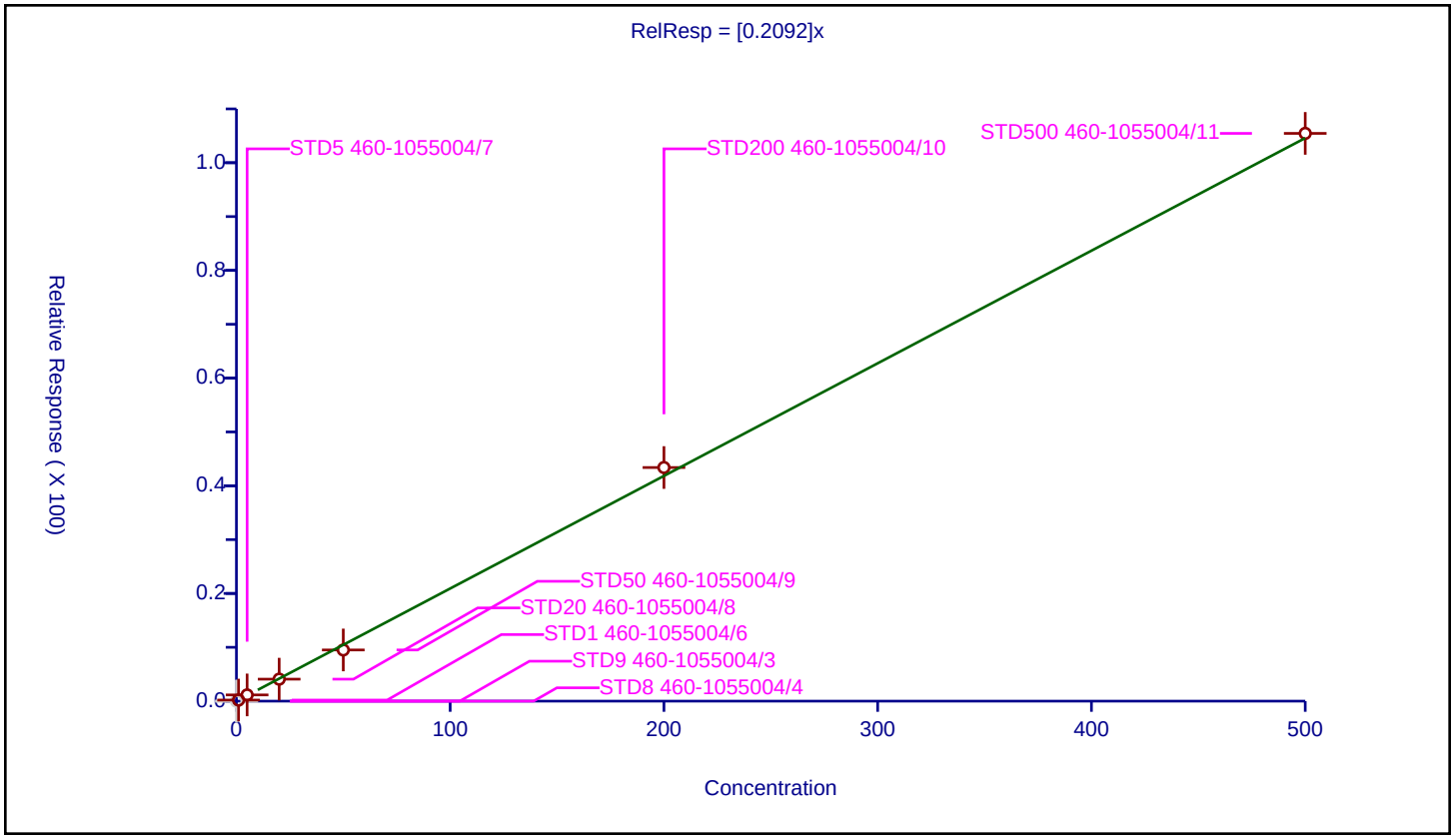
Curve Coefficients

Intercept:	0
Slope:	0.2092

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.201729	50.0	569079.0	0.201729	Y
4	STD5 460-1055004/7	5.0	1.155382	50.0	578553.0	0.231076	Y
5	STD20 460-1055004/8	20.0	4.083322	50.0	579871.0	0.204166	Y
6	STD50 460-1055004/9	50.0	9.506949	50.0	577709.0	0.190139	Y
7	STD200 460-1055004/10	200.0	43.39162	50.0	604717.0	0.216958	Y
8	STD500 460-1055004/11	500.0	105.448114	50.0	618939.0	0.210896	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

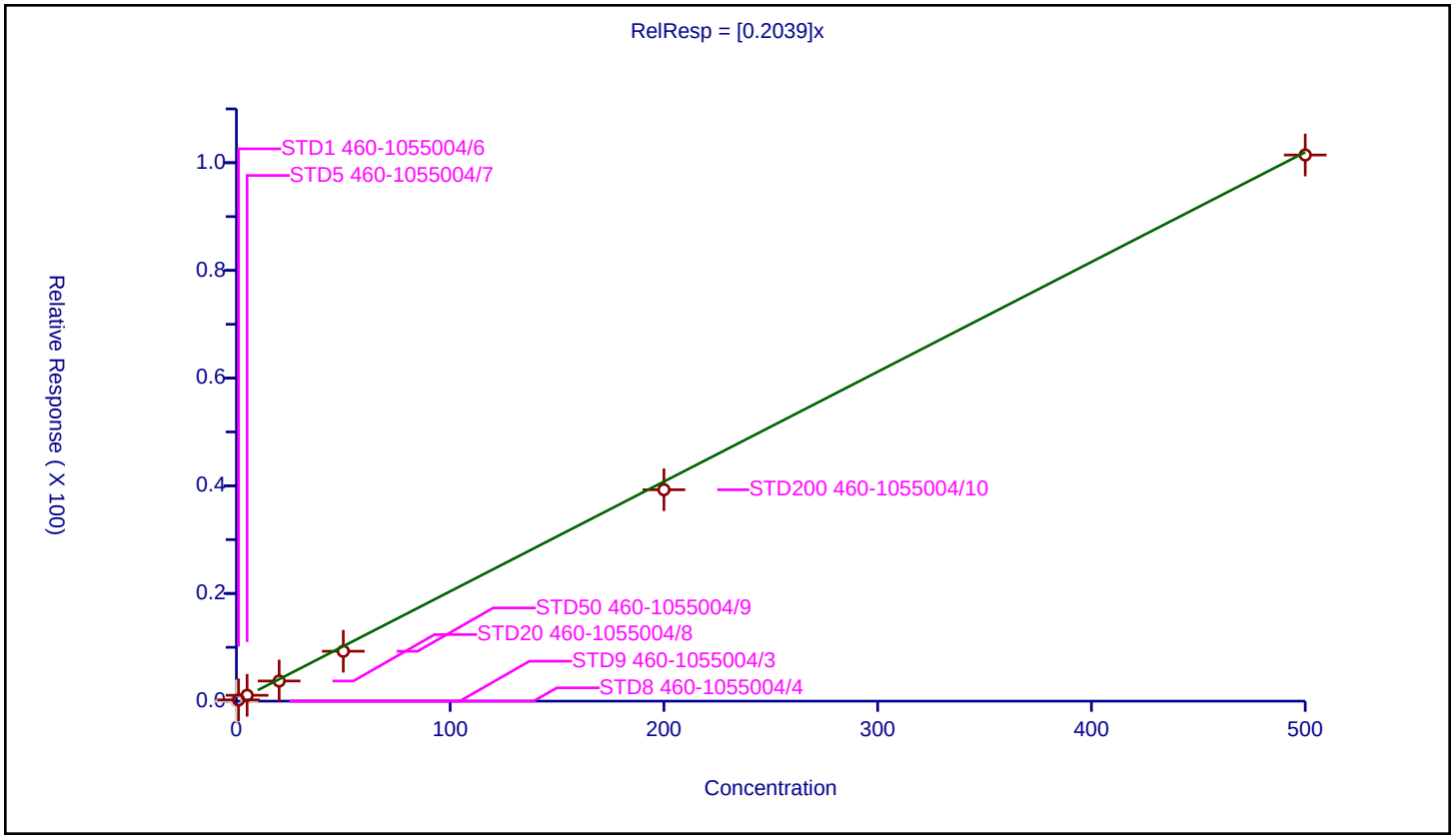
Curve Coefficients

Intercept:	0
Slope:	0.2039

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.235117	50.0	569079.0	0.235117	Y
4	STD5 460-1055004/7	5.0	1.083825	50.0	578553.0	0.216765	Y
5	STD20 460-1055004/8	20.0	3.740142	50.0	579871.0	0.187007	Y
6	STD50 460-1055004/9	50.0	9.269892	50.0	577709.0	0.185398	Y
7	STD200 460-1055004/10	200.0	39.266632	50.0	604717.0	0.196333	Y
8	STD500 460-1055004/11	500.0	101.43641	50.0	618939.0	0.202873	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

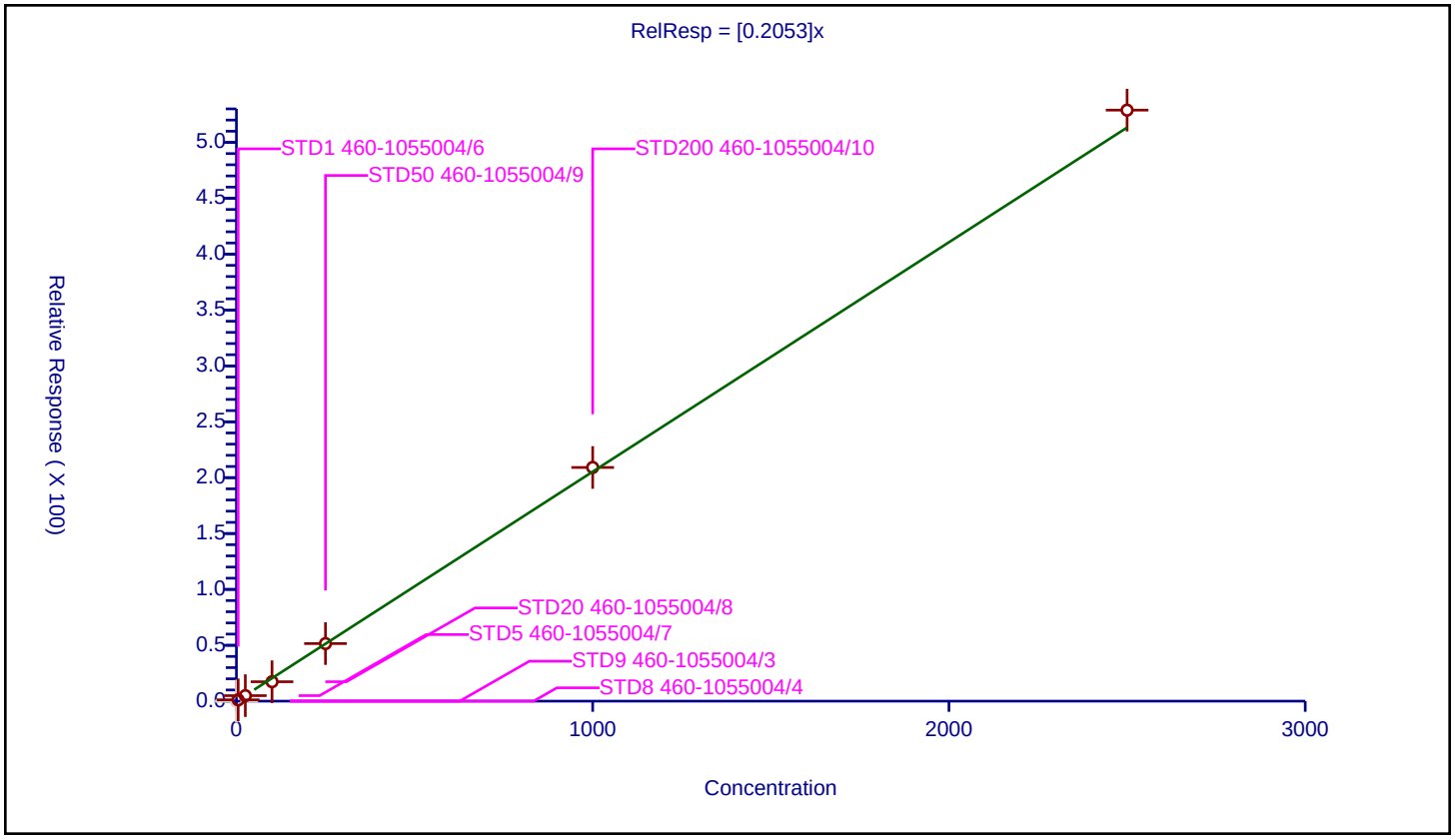
Curve Coefficients

Intercept:	0
Slope:	0.2053

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	1.0	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	5.0	1.171068	250.0	223087.0	0.234214	Y
4	STD5 460-1055004/7	25.0	4.930722	250.0	220201.0	0.197229	Y
5	STD20 460-1055004/8	100.0	17.371659	250.0	222201.0	0.173717	Y
6	STD50 460-1055004/9	250.0	51.529701	250.0	228999.0	0.206119	Y
7	STD200 460-1055004/10	1000.0	209.115056	250.0	226263.0	0.209115	Y
8	STD500 460-1055004/11	2500.0	528.890887	250.0	241391.0	0.211556	Y



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Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

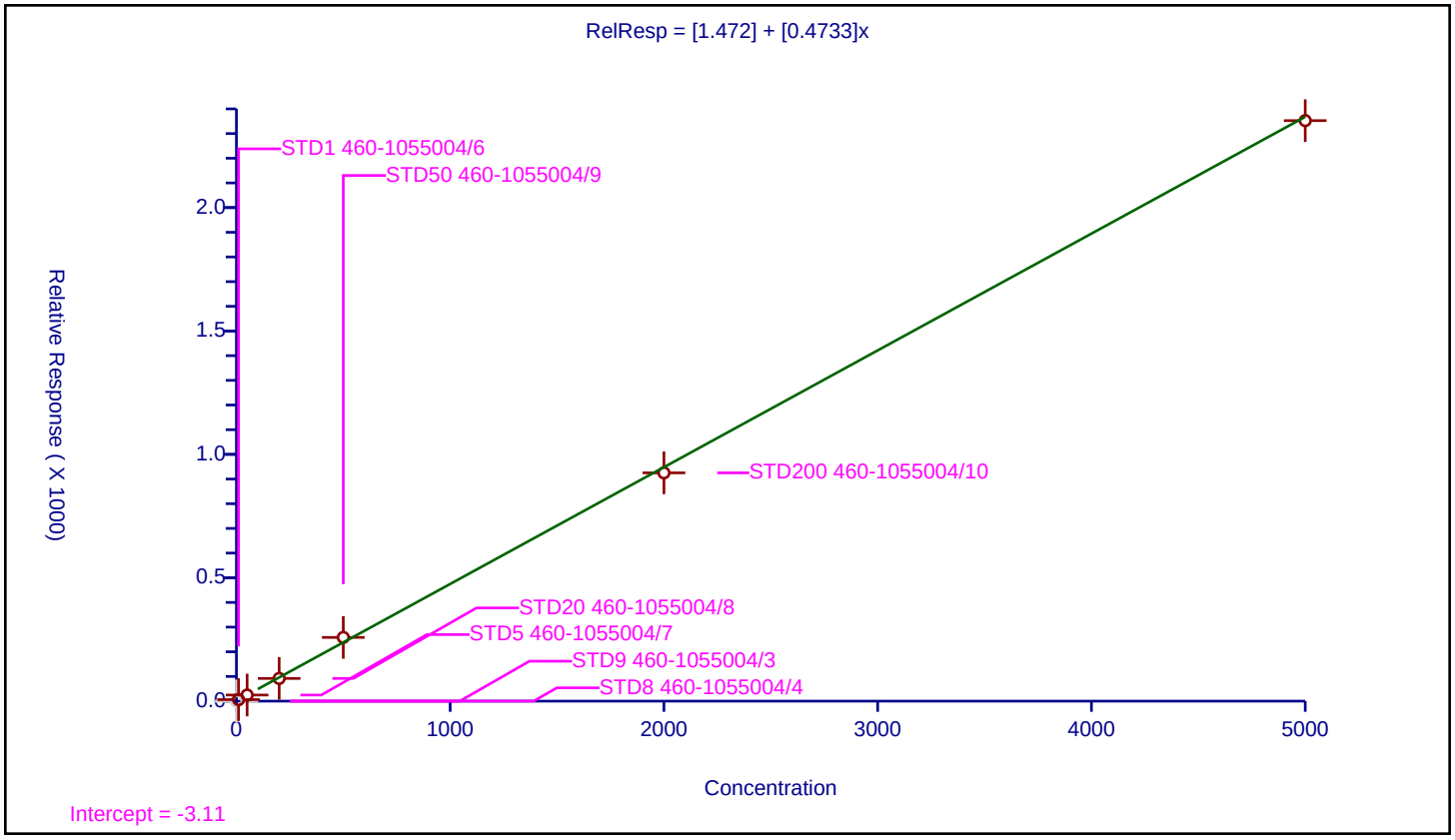
Curve Coefficients

Intercept:	1.472
Slope:	0.4733

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	2.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	10.0	6.221481	1000.0	196577.0	0.622148	Y
4	STD5 460-1055004/7	50.0	24.786204	1000.0	197852.0	0.495724	Y
5	STD20 460-1055004/8	200.0	92.037812	1000.0	200146.0	0.460189	Y
6	STD50 460-1055004/9	500.0	258.230869	1000.0	202834.0	0.516462	Y
7	STD200 460-1055004/10	2000.0	925.12075	1000.0	206212.0	0.46256	Y
8	STD500 460-1055004/11	5000.0	2352.446291	1000.0	235111.0	0.470489	Y



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Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

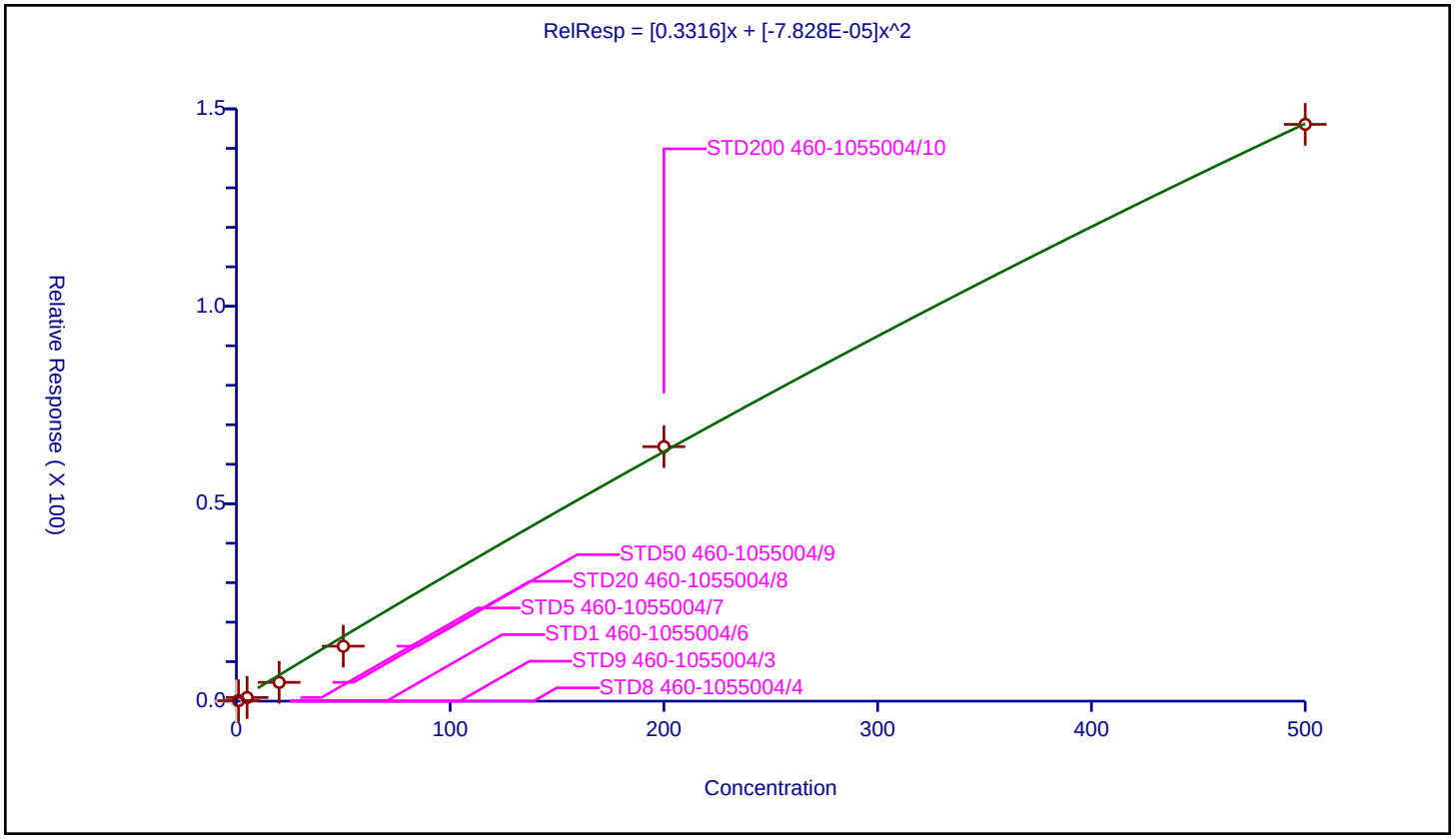
Curve Coefficients

Intercept:	0
Slope:	0.3316
Second Order:	-7.828E-05

Error Coefficients

Relative Standard Deviation:	42.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.120458	50.0	569079.0	0.120458	Y
4	STD5 460-1055004/7	5.0	0.912449	50.0	578553.0	0.18249	Y
5	STD20 460-1055004/8	20.0	4.757696	50.0	579871.0	0.237885	Y
6	STD50 460-1055004/9	50.0	13.916262	50.0	577709.0	0.278325	Y
7	STD200 460-1055004/10	200.0	64.452298	50.0	604717.0	0.322261	Y
8	STD500 460-1055004/11	500.0	146.081035	50.0	618939.0	0.292162	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

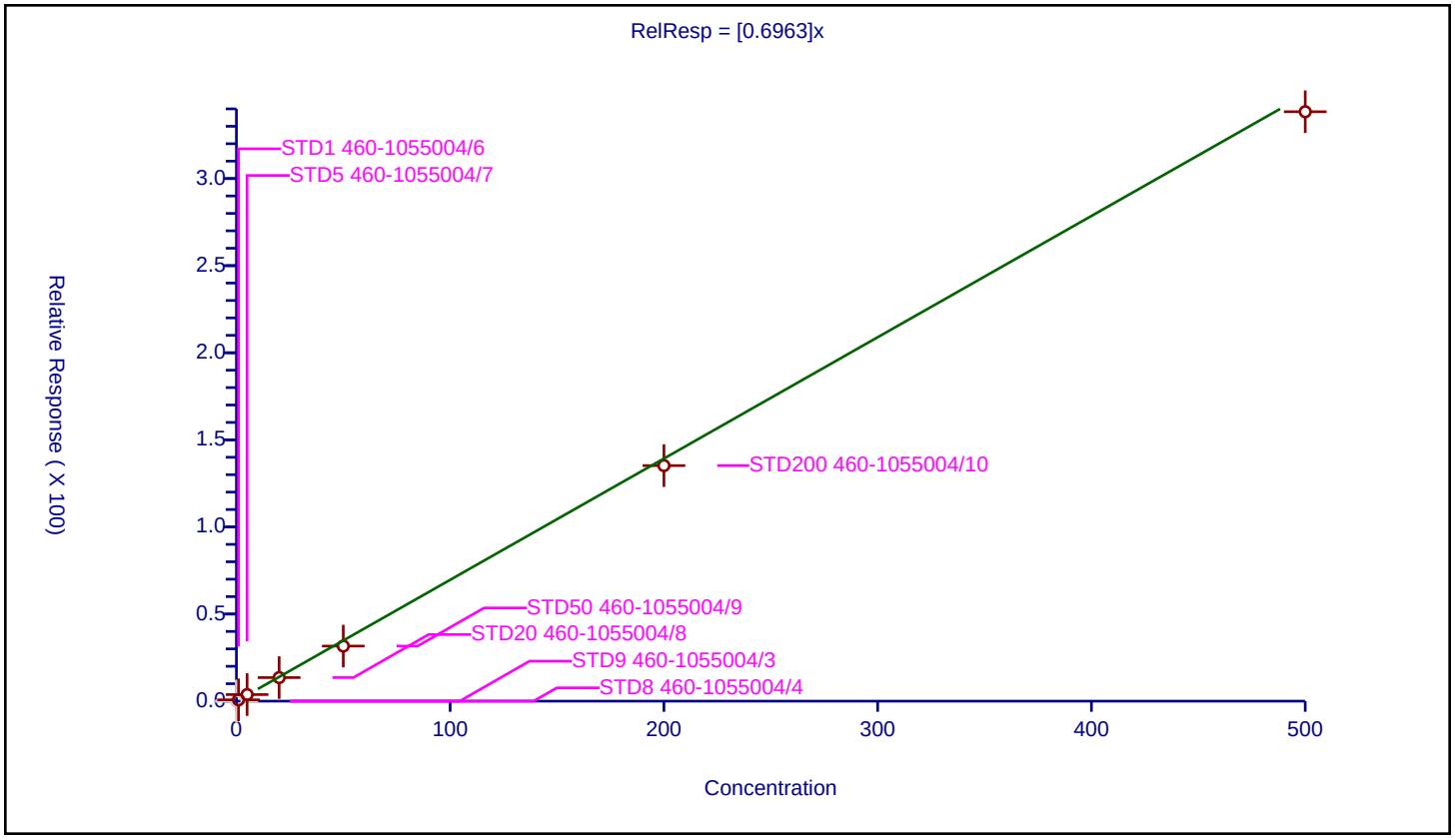
Curve Coefficients

Intercept:	0
Slope:	0.6963

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.764305	50.0	569079.0	0.764305	Y
4	STD5 460-1055004/7	5.0	3.763873	50.0	578553.0	0.752775	Y
5	STD20 460-1055004/8	20.0	13.51792	50.0	579871.0	0.675896	Y
6	STD50 460-1055004/9	50.0	31.614706	50.0	577709.0	0.632294	Y
7	STD200 460-1055004/10	200.0	135.211099	50.0	604717.0	0.676055	Y
8	STD500 460-1055004/11	500.0	338.369452	50.0	618939.0	0.676739	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

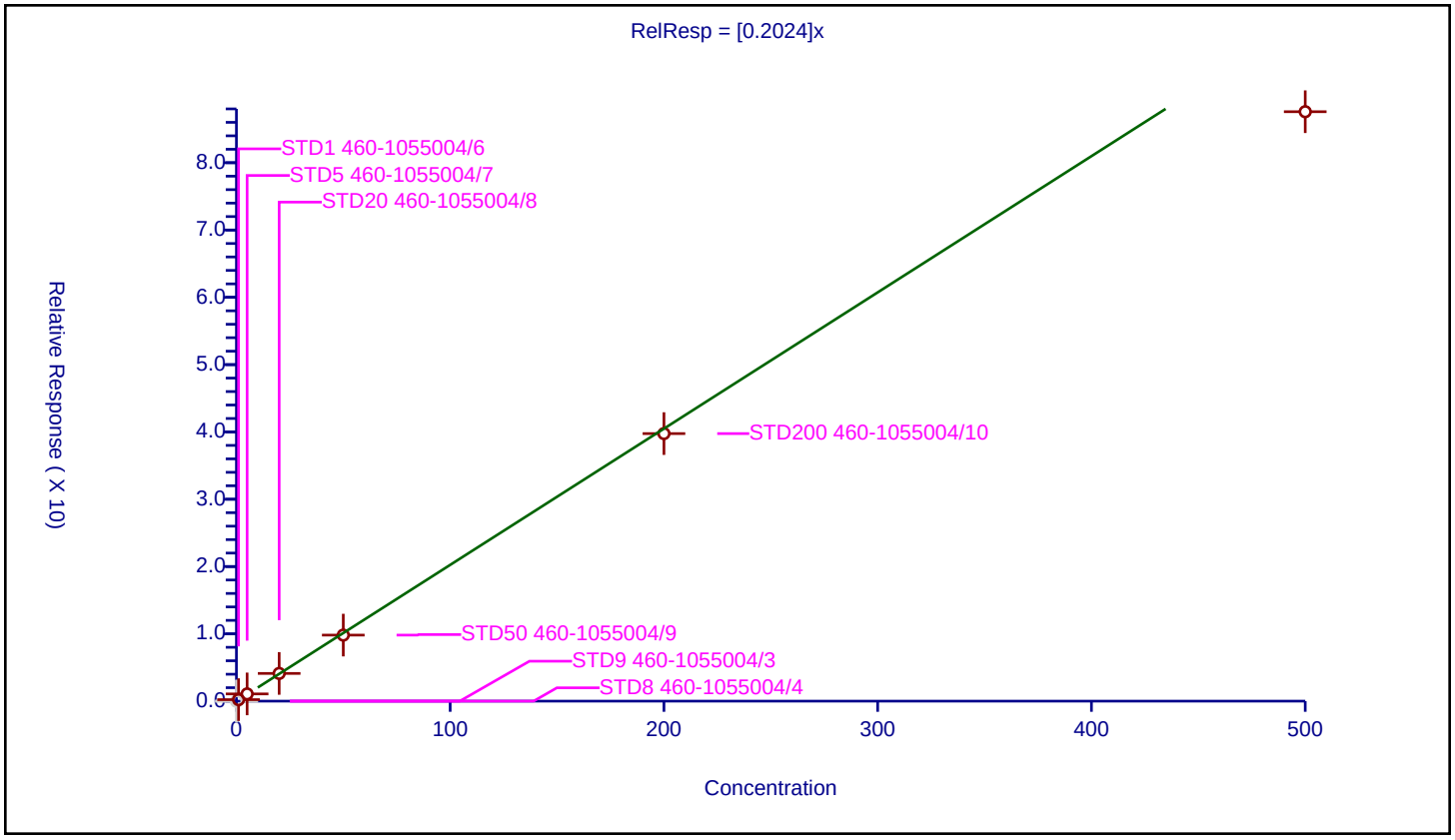
Curve Coefficients

Intercept:	0
Slope:	0.2024

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.223695	50.0	569079.0	0.223695	Y
4	STD5 460-1055004/7	5.0	1.074491	50.0	578553.0	0.214898	Y
5	STD20 460-1055004/8	20.0	4.117036	50.0	579871.0	0.205852	Y
6	STD50 460-1055004/9	50.0	9.813764	50.0	577709.0	0.196275	Y
7	STD200 460-1055004/10	200.0	39.755787	50.0	604717.0	0.198779	Y
8	STD500 460-1055004/11	500.0	87.581006	50.0	618939.0	0.175162	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

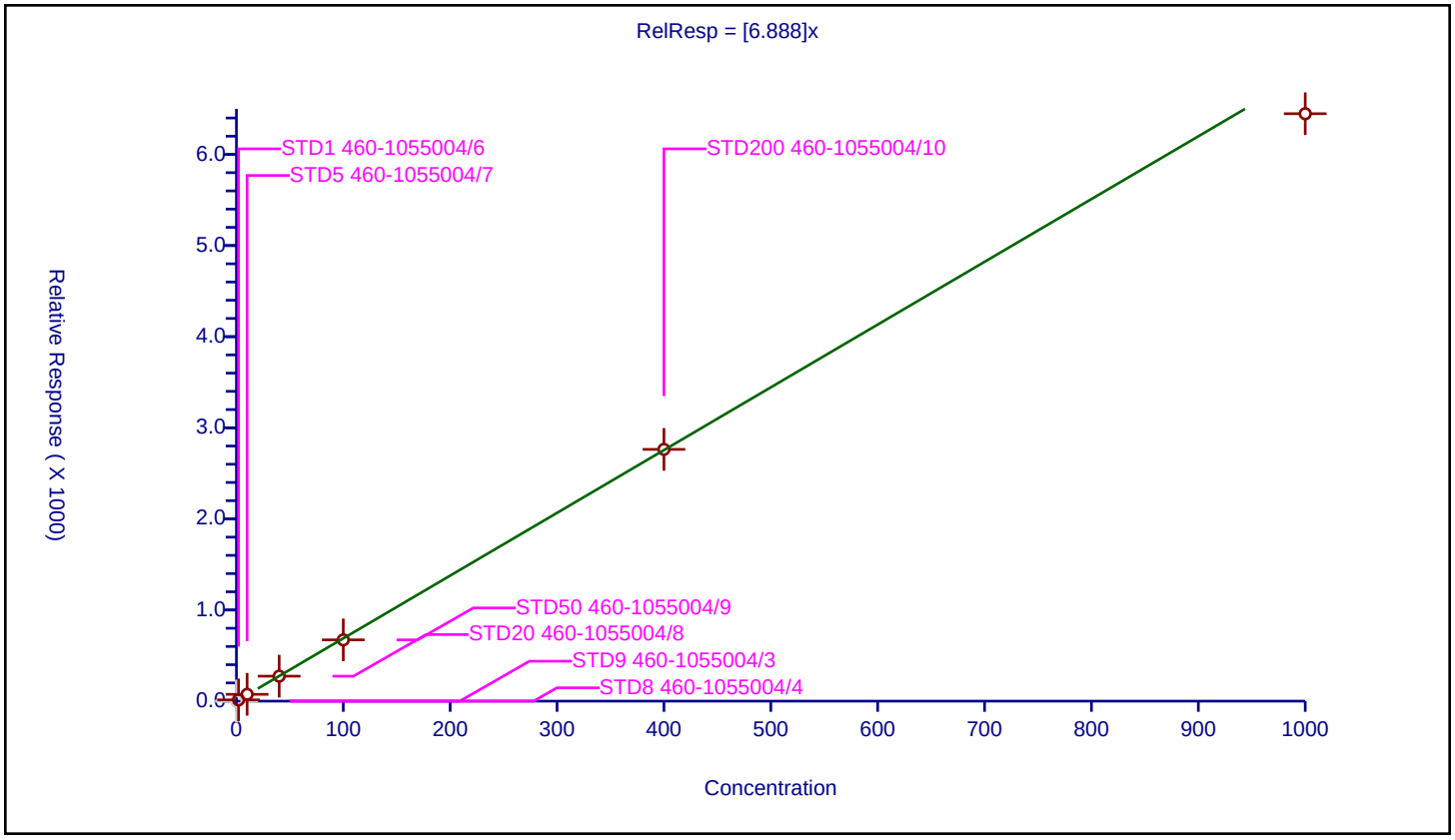
Curve Coefficients

Intercept:	0
Slope:	6.888

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	2.0	13.836817	1000.0	196577.0	6.918409	Y
4	STD5 460-1055004/7	10.0	74.803388	1000.0	197852.0	7.480339	Y
5	STD20 460-1055004/8	40.0	273.930031	1000.0	200146.0	6.848251	Y
6	STD50 460-1055004/9	100.0	672.495735	1000.0	202834.0	6.724957	Y
7	STD200 460-1055004/10	400.0	2763.146665	1000.0	206212.0	6.907867	Y
8	STD500 460-1055004/11	1000.0	6446.988869	1000.0	235111.0	6.446989	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

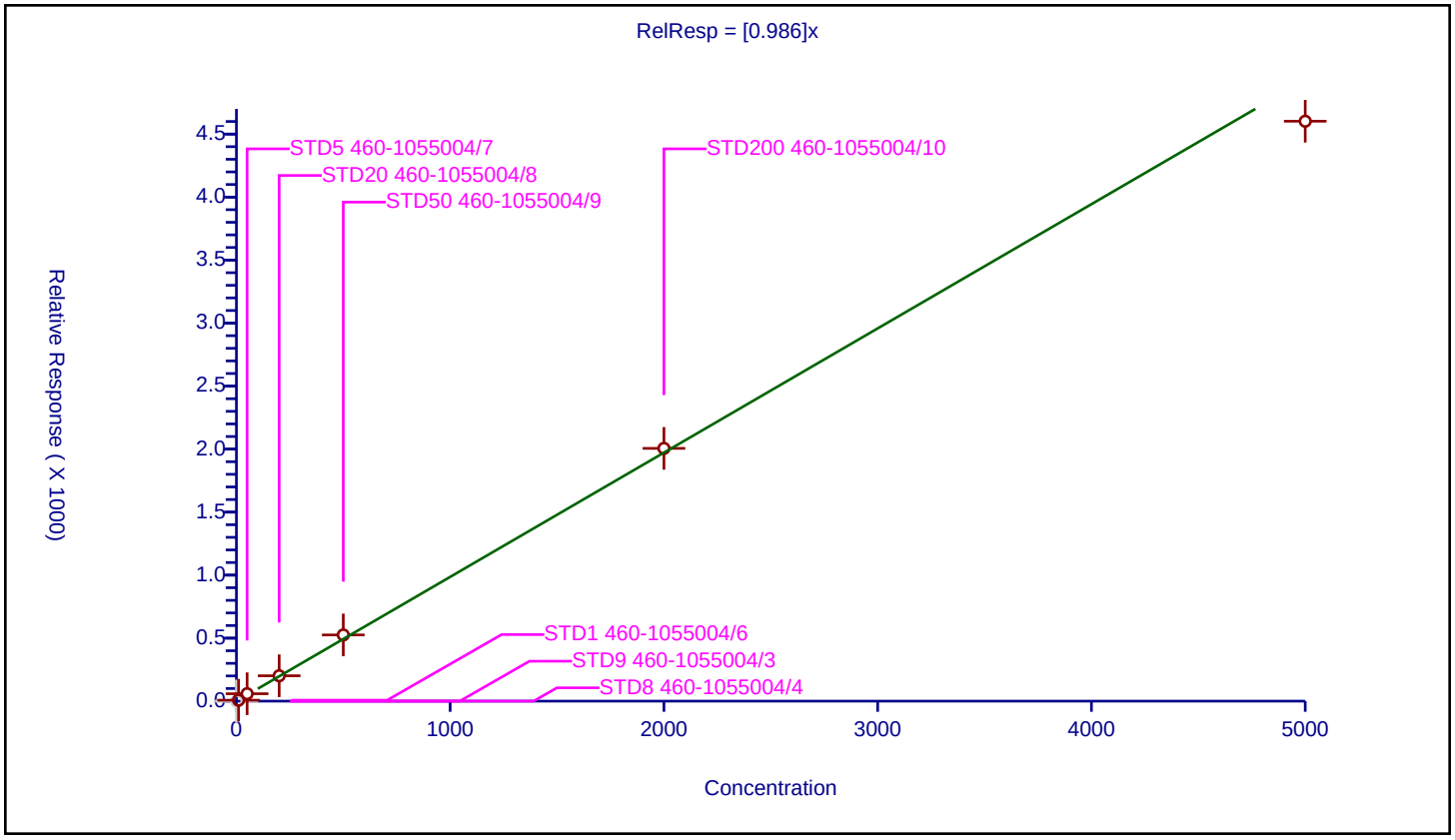
Curve Coefficients

Intercept:	0
Slope:	0.986

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	2.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	10.0	7.579727	1000.0	196577.0	0.757973	Y
4	STD5 460-1055004/7	50.0	58.887451	1000.0	197852.0	1.177749	Y
5	STD20 460-1055004/8	200.0	201.223107	1000.0	200146.0	1.006116	Y
6	STD50 460-1055004/9	500.0	525.331059	1000.0	202834.0	1.050662	Y
7	STD200 460-1055004/10	2000.0	2005.882296	1000.0	206212.0	1.002941	Y
8	STD500 460-1055004/11	5000.0	4602.136863	1000.0	235111.0	0.920427	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

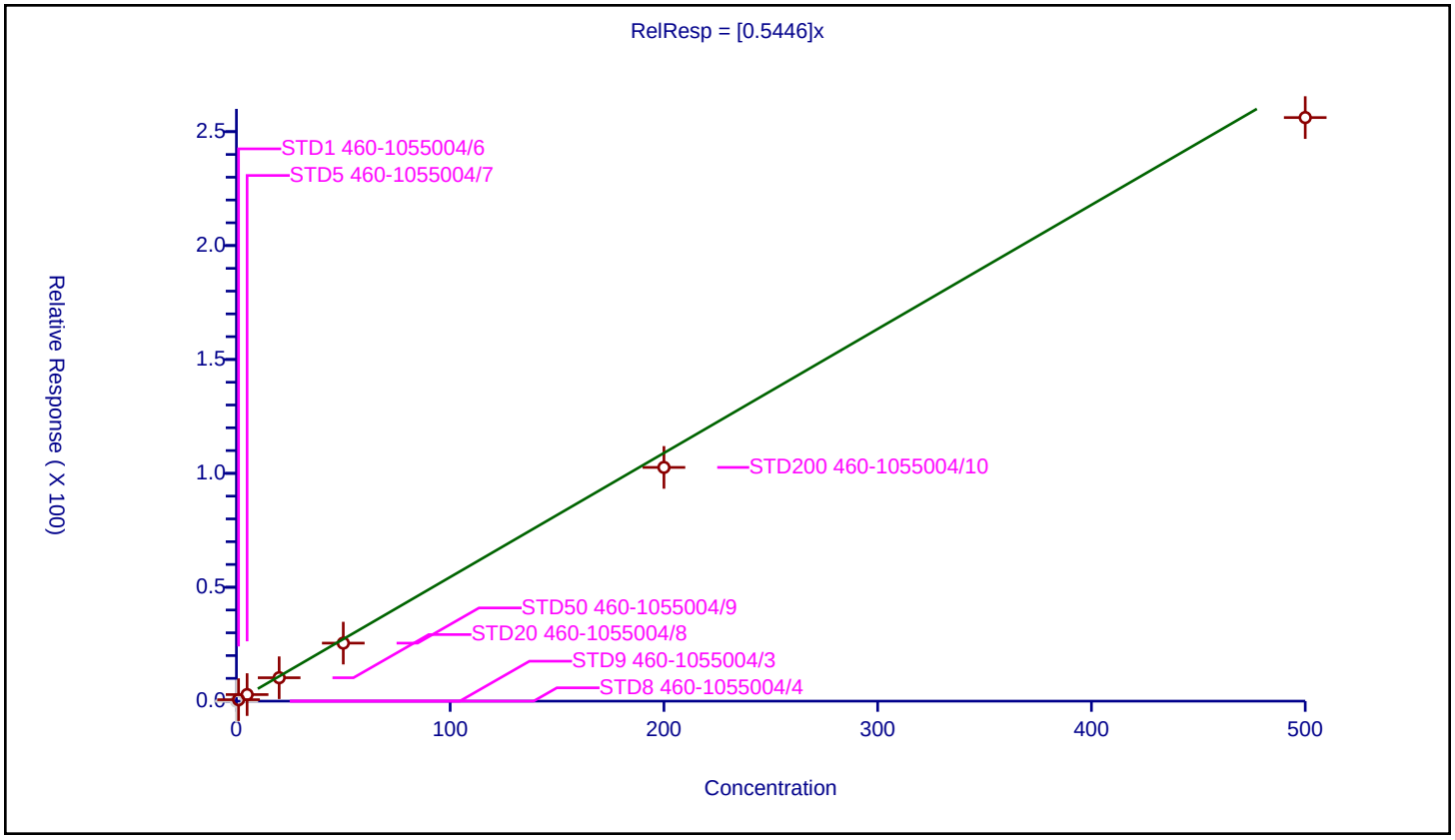
Curve Coefficients

Intercept:	0
Slope:	0.5446

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.64209	50.0	569079.0	0.64209	Y
4	STD5 460-1055004/7	5.0	2.885475	50.0	578553.0	0.577095	Y
5	STD20 460-1055004/8	20.0	10.276941	50.0	579871.0	0.513847	Y
6	STD50 460-1055004/9	50.0	25.470176	50.0	577709.0	0.509404	Y
7	STD200 460-1055004/10	200.0	102.606839	50.0	604717.0	0.513034	Y
8	STD500 460-1055004/11	500.0	256.183162	50.0	618939.0	0.512366	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

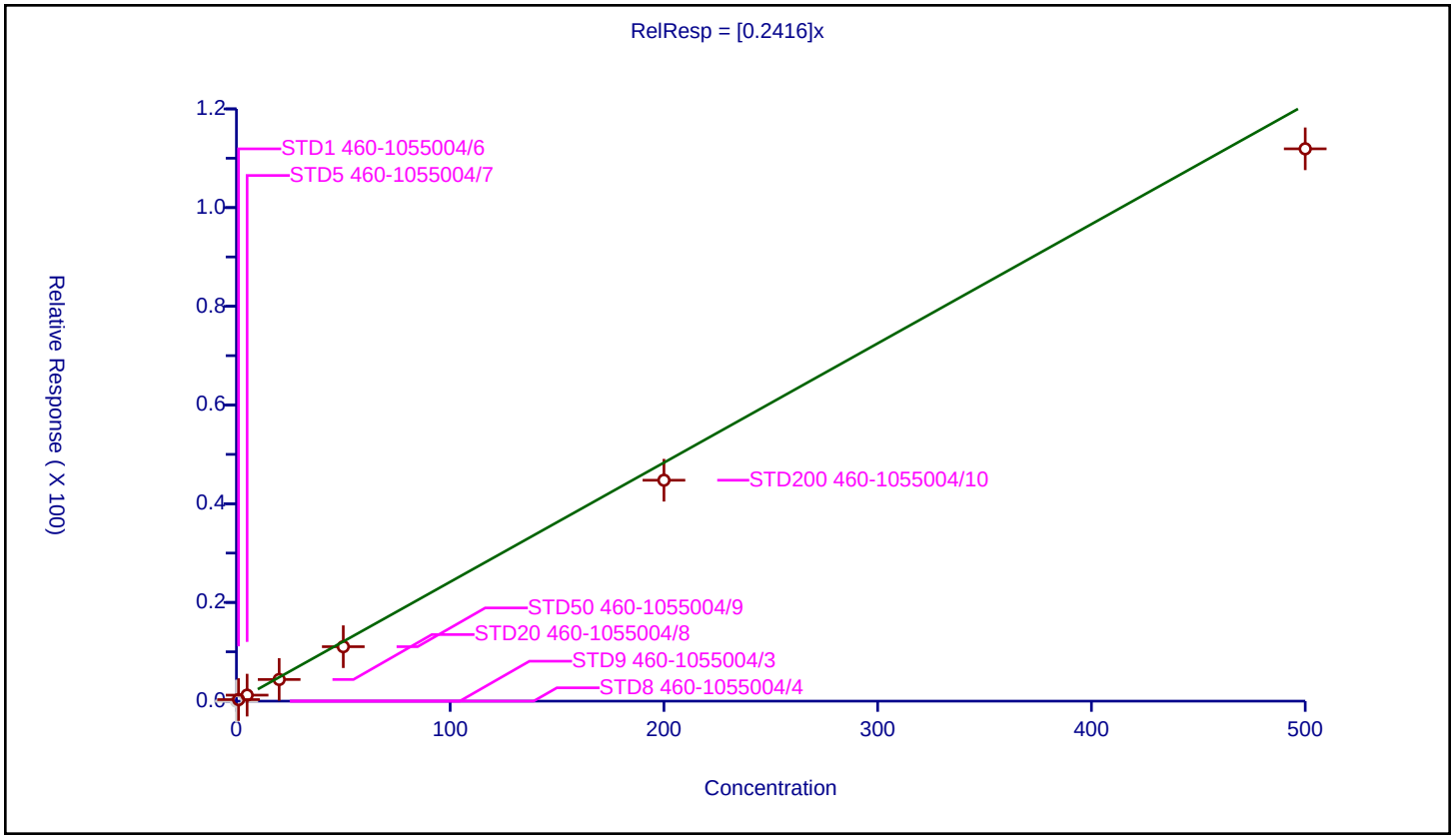
Curve Coefficients

Intercept:	0
Slope:	0.2416

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.318321	50.0	569079.0	0.318321	Y
4	STD5 460-1055004/7	5.0	1.219335	50.0	578553.0	0.243867	Y
5	STD20 460-1055004/8	20.0	4.385631	50.0	579871.0	0.219282	Y
6	STD50 460-1055004/9	50.0	11.033842	50.0	577709.0	0.220677	Y
7	STD200 460-1055004/10	200.0	44.759532	50.0	604717.0	0.223798	Y
8	STD500 460-1055004/11	500.0	111.911513	50.0	618939.0	0.223823	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

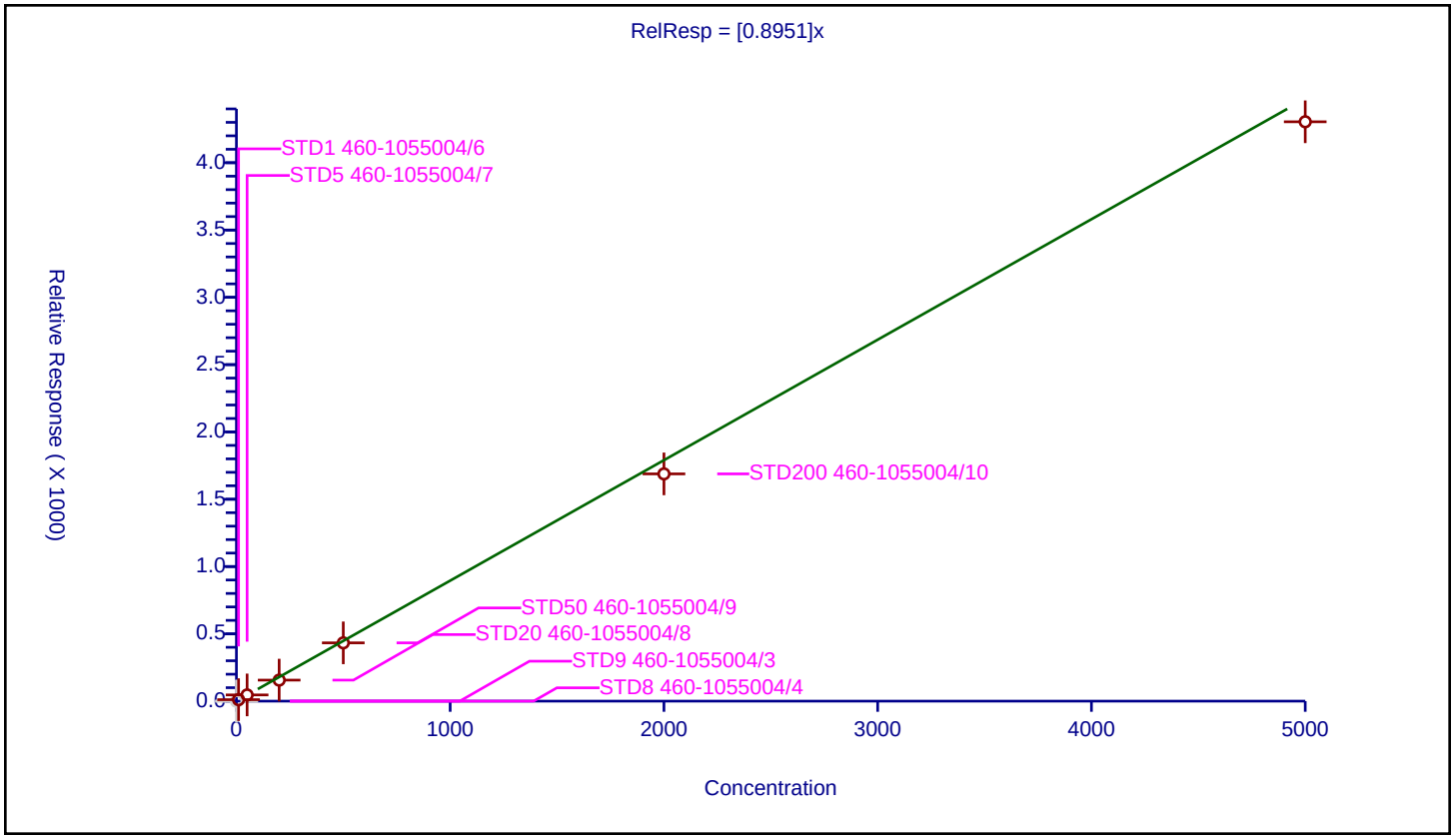
Curve Coefficients

Intercept:	0
Slope:	0.8951

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	2.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	10.0	10.962625	1000.0	196577.0	1.096263	Y
4	STD5 460-1055004/7	50.0	46.110224	1000.0	197852.0	0.922204	Y
5	STD20 460-1055004/8	200.0	156.175992	1000.0	200146.0	0.78088	Y
6	STD50 460-1055004/9	500.0	432.979678	1000.0	202834.0	0.865959	Y
7	STD200 460-1055004/10	2000.0	1688.277113	1000.0	206212.0	0.844139	Y
8	STD500 460-1055004/11	5000.0	4304.277554	1000.0	235111.0	0.860856	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

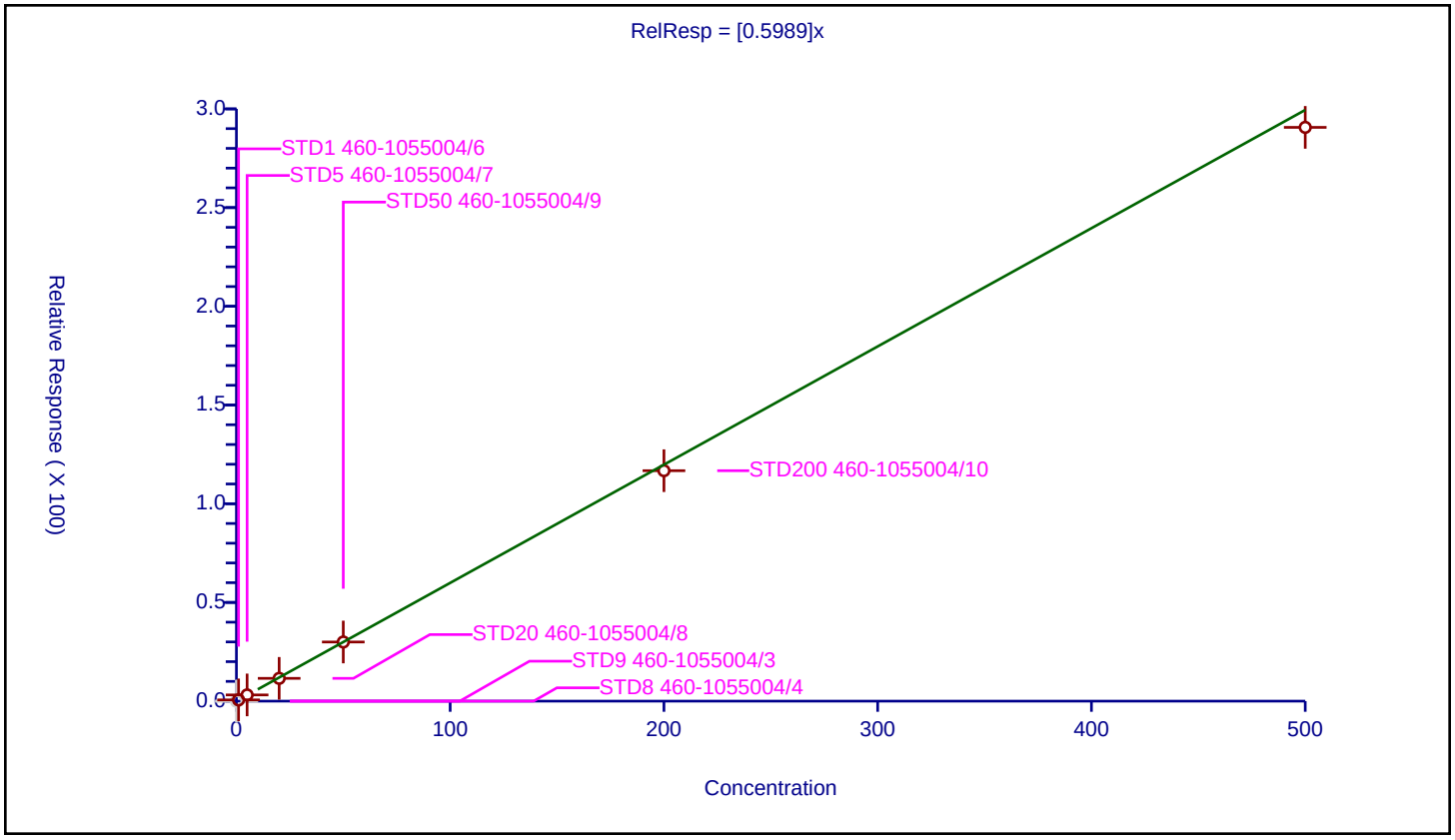
Curve Coefficients

Intercept:	0
Slope:	0.5989

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.621003	50.0	569079.0	0.621003	Y
4	STD5 460-1055004/7	5.0	3.155631	50.0	578553.0	0.631126	Y
5	STD20 460-1055004/8	20.0	11.544809	50.0	579871.0	0.57724	Y
6	STD50 460-1055004/9	50.0	29.953142	50.0	577709.0	0.599063	Y
7	STD200 460-1055004/10	200.0	116.738326	50.0	604717.0	0.583692	Y
8	STD500 460-1055004/11	500.0	290.635345	50.0	618939.0	0.581271	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

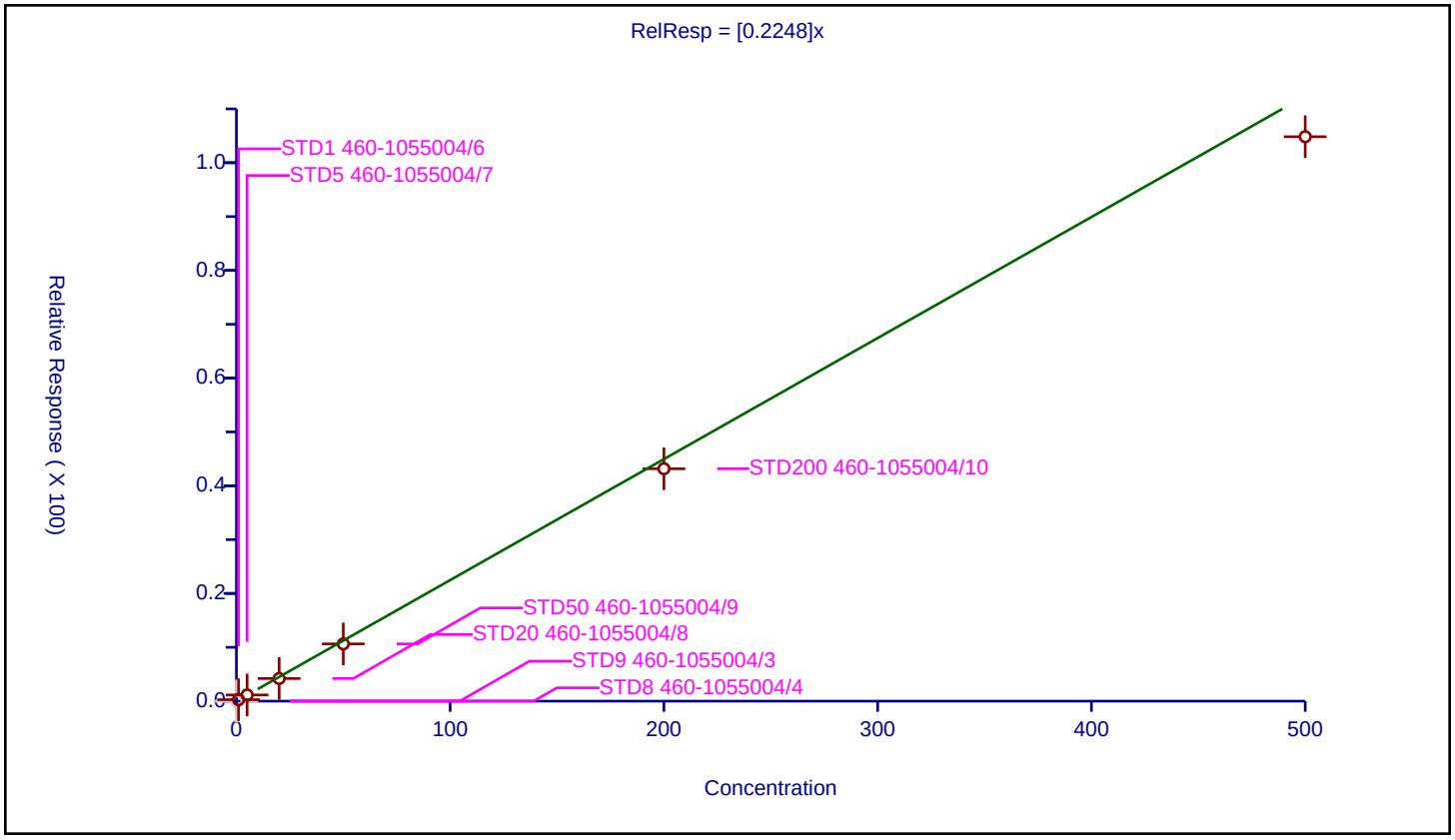
Curve Coefficients

Intercept:	0
Slope:	0.2248

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.270876	50.0	569079.0	0.270876	Y
4	STD5 460-1055004/7	5.0	1.14795	50.0	578553.0	0.22959	Y
5	STD20 460-1055004/8	20.0	4.203262	50.0	579871.0	0.210163	Y
6	STD50 460-1055004/9	50.0	10.632602	50.0	577709.0	0.212652	Y
7	STD200 460-1055004/10	200.0	43.164406	50.0	604717.0	0.215822	Y
8	STD500 460-1055004/11	500.0	104.82907	50.0	618939.0	0.209658	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

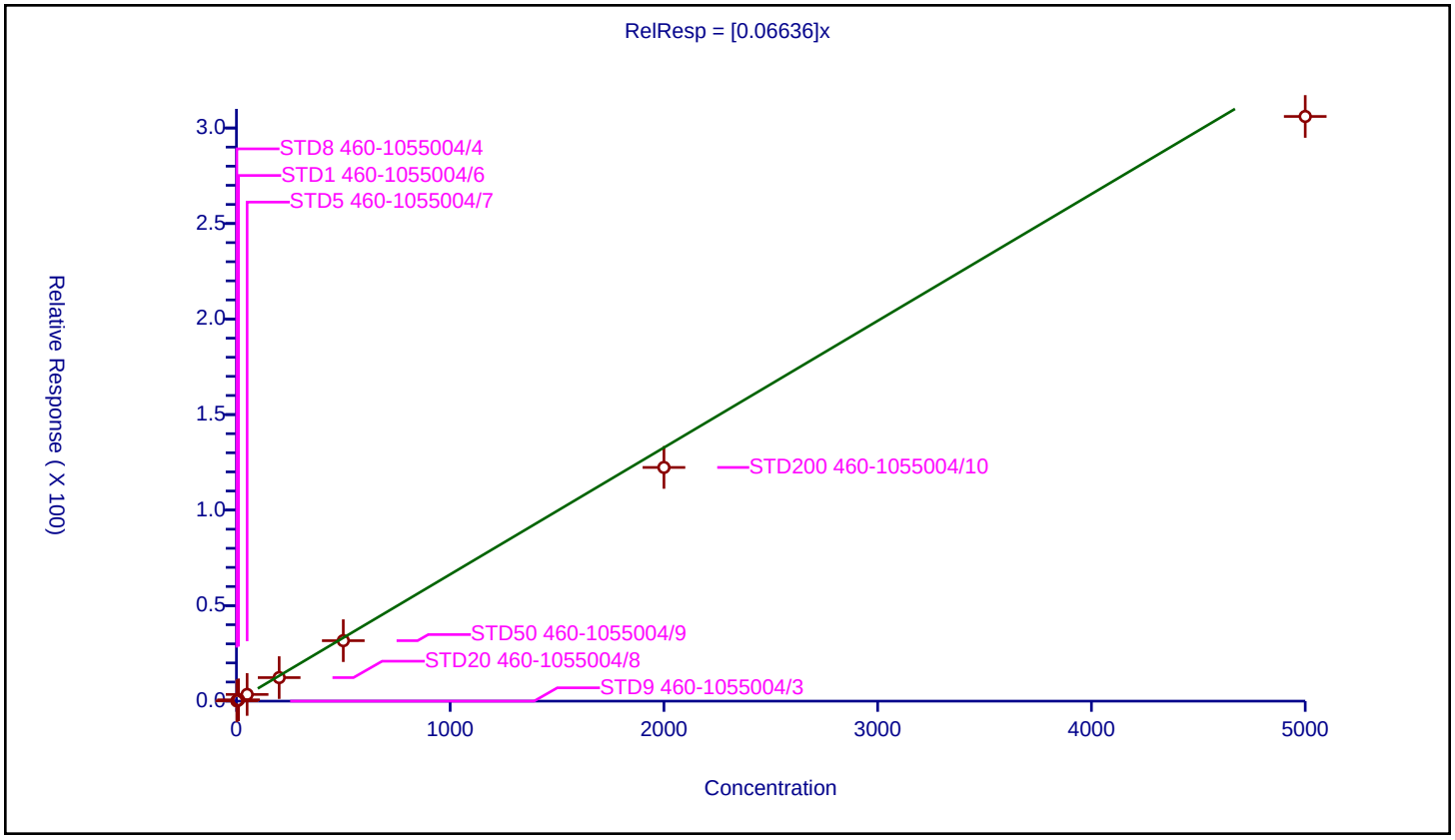
Curve Coefficients

Intercept:	0
Slope:	0.06636

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	2.0	0.0	50.0	684769.0	0.0	N
2	STD8 460-1055004/4	2.0	0.156987	50.0	577755.0	0.078493	Y
3	STD1 460-1055004/6	10.0	0.686724	50.0	569079.0	0.068672	Y
4	STD5 460-1055004/7	50.0	3.505556	50.0	578553.0	0.070111	Y
5	STD20 460-1055004/8	200.0	12.313342	50.0	579871.0	0.061567	Y
6	STD50 460-1055004/9	500.0	31.648806	50.0	577709.0	0.063298	Y
7	STD200 460-1055004/10	2000.0	122.322921	50.0	604717.0	0.061161	Y
8	STD500 460-1055004/11	5000.0	306.034924	50.0	618939.0	0.061207	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

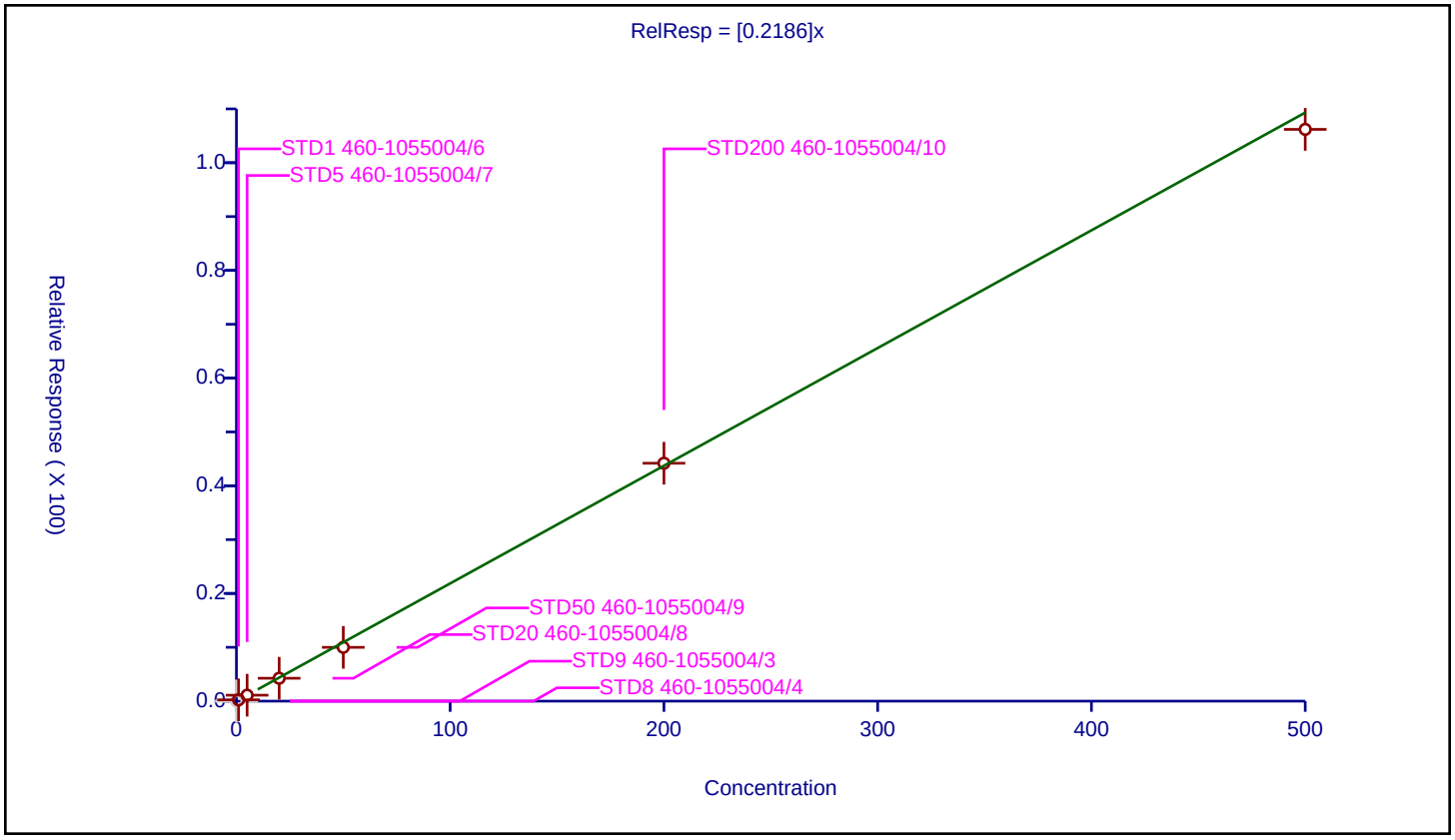
Curve Coefficients

Intercept:	0
Slope:	0.2186

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.245397	50.0	569079.0	0.245397	Y
4	STD5 460-1055004/7	5.0	1.103529	50.0	578553.0	0.220706	Y
5	STD20 460-1055004/8	20.0	4.249393	50.0	579871.0	0.21247	Y
6	STD50 460-1055004/9	50.0	9.9879	50.0	577709.0	0.199758	Y
7	STD200 460-1055004/10	200.0	44.188521	50.0	604717.0	0.220943	Y
8	STD500 460-1055004/11	500.0	106.195118	50.0	618939.0	0.21239	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

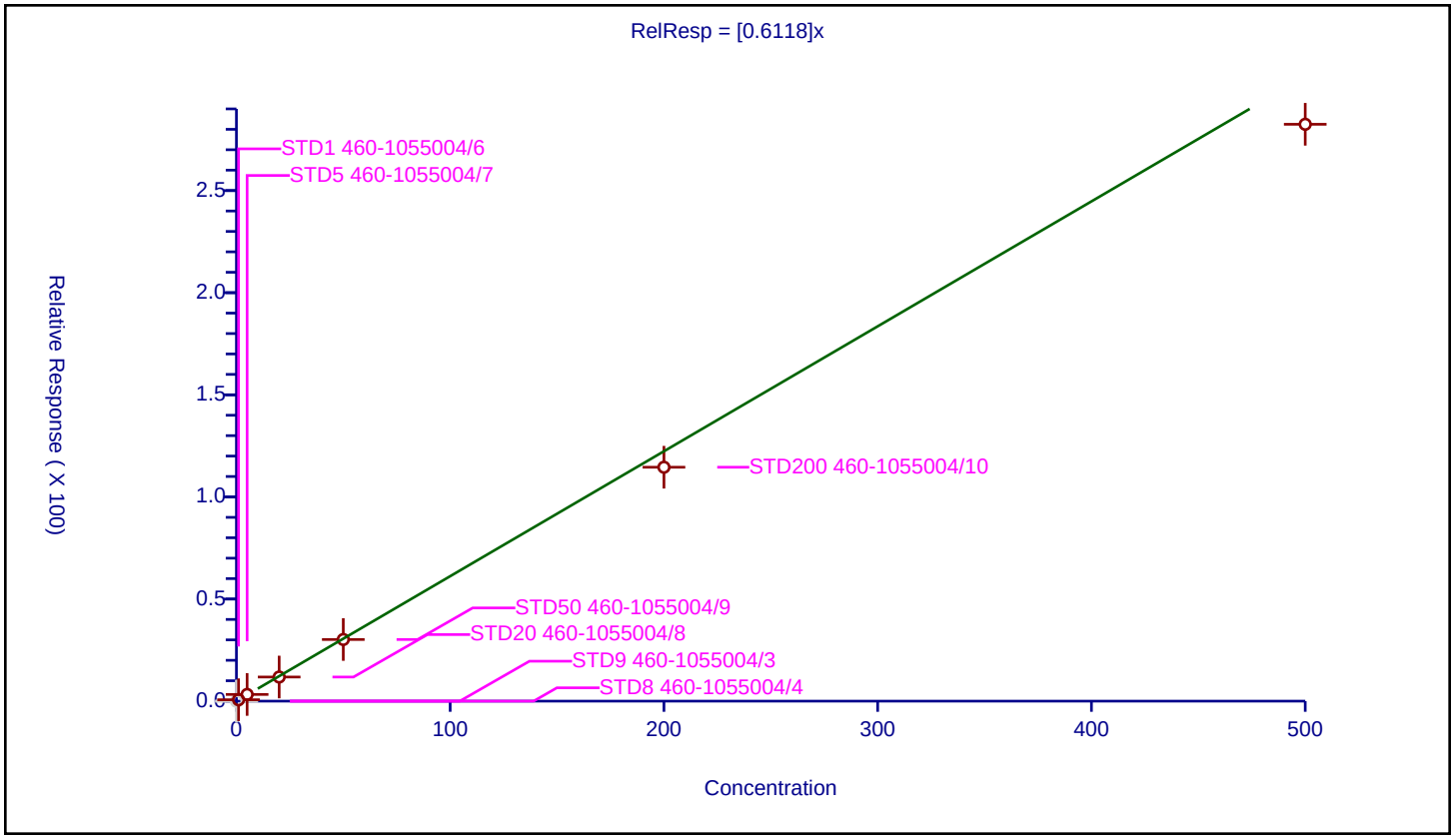
Curve Coefficients

Intercept:	0
Slope:	0.6118

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.683912	50.0	569079.0	0.683912	Y
4	STD5 460-1055004/7	5.0	3.274635	50.0	578553.0	0.654927	Y
5	STD20 460-1055004/8	20.0	11.81142	50.0	579871.0	0.590571	Y
6	STD50 460-1055004/9	50.0	30.18267	50.0	577709.0	0.603653	Y
7	STD200 460-1055004/10	200.0	114.535064	50.0	604717.0	0.572675	Y
8	STD500 460-1055004/11	500.0	282.45853	50.0	618939.0	0.564917	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

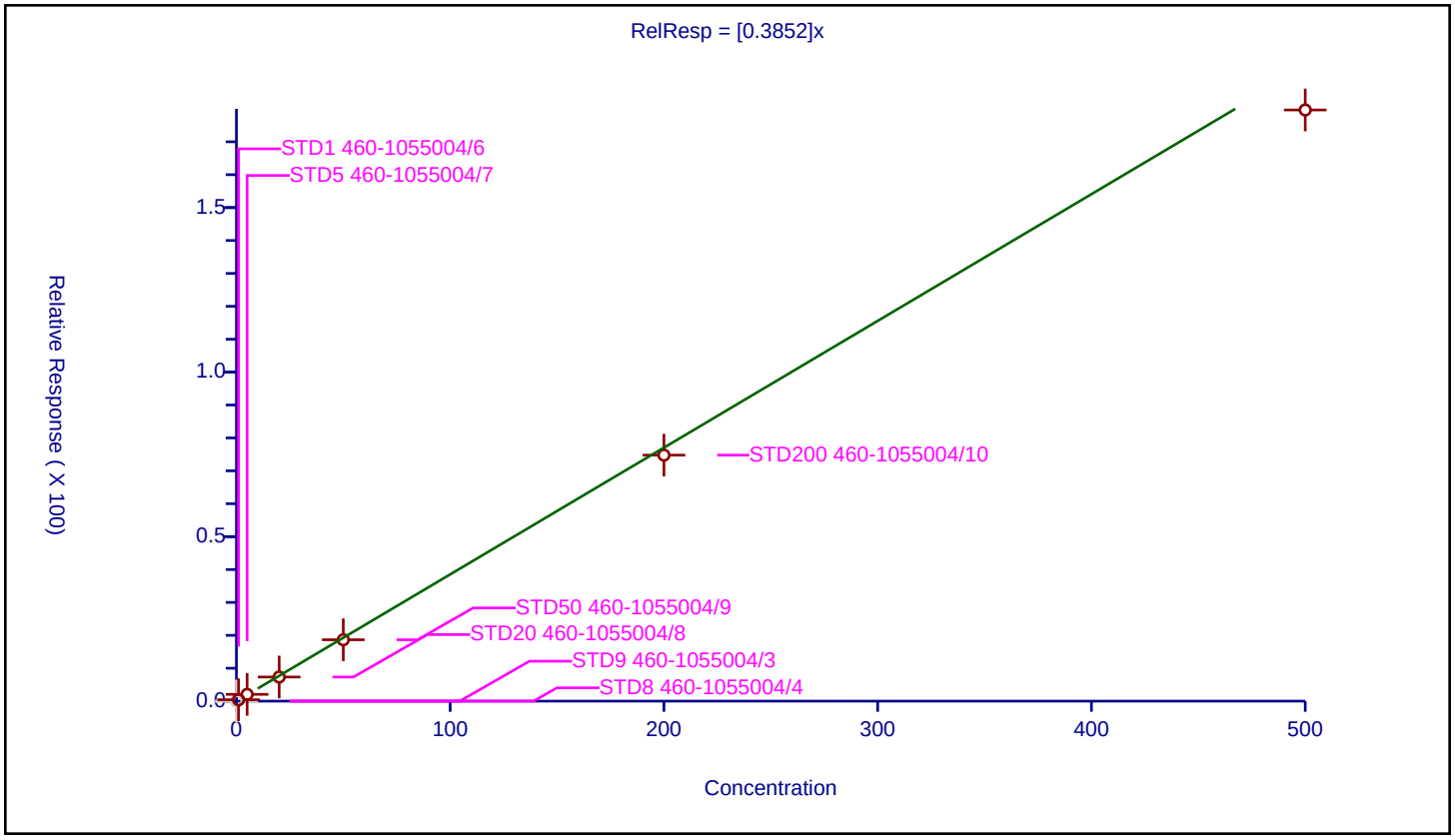
Curve Coefficients

Intercept:	0
Slope:	0.3852

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.42683	50.0	569079.0	0.42683	Y
4	STD5 460-1055004/7	5.0	2.059535	50.0	578553.0	0.411907	Y
5	STD20 460-1055004/8	20.0	7.326974	50.0	579871.0	0.366349	Y
6	STD50 460-1055004/9	50.0	18.654807	50.0	577709.0	0.373096	Y
7	STD200 460-1055004/10	200.0	74.768528	50.0	604717.0	0.373843	Y
8	STD500 460-1055004/11	500.0	179.666171	50.0	618939.0	0.359332	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

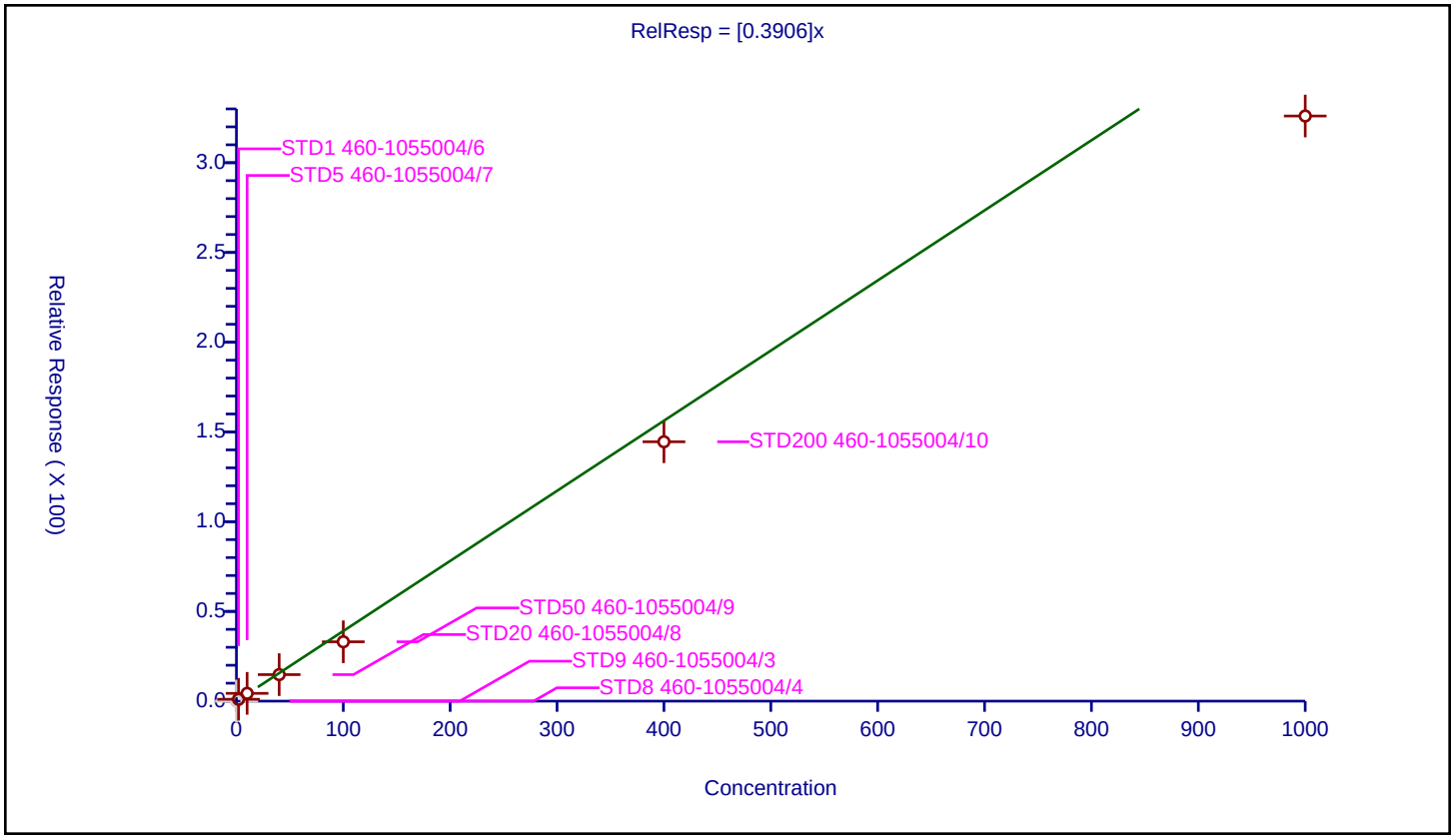
Curve Coefficients

Intercept:	0
Slope:	0.3906

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	2.0	1.043315	250.0	223087.0	0.521657	Y
4	STD5 460-1055004/7	10.0	4.346029	250.0	220201.0	0.434603	Y
5	STD20 460-1055004/8	40.0	14.776036	250.0	222201.0	0.369401	Y
6	STD50 460-1055004/9	100.0	33.076564	250.0	228999.0	0.330766	Y
7	STD200 460-1055004/10	400.0	144.526502	250.0	226263.0	0.361316	Y
8	STD500 460-1055004/11	1000.0	326.031211	250.0	241391.0	0.326031	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

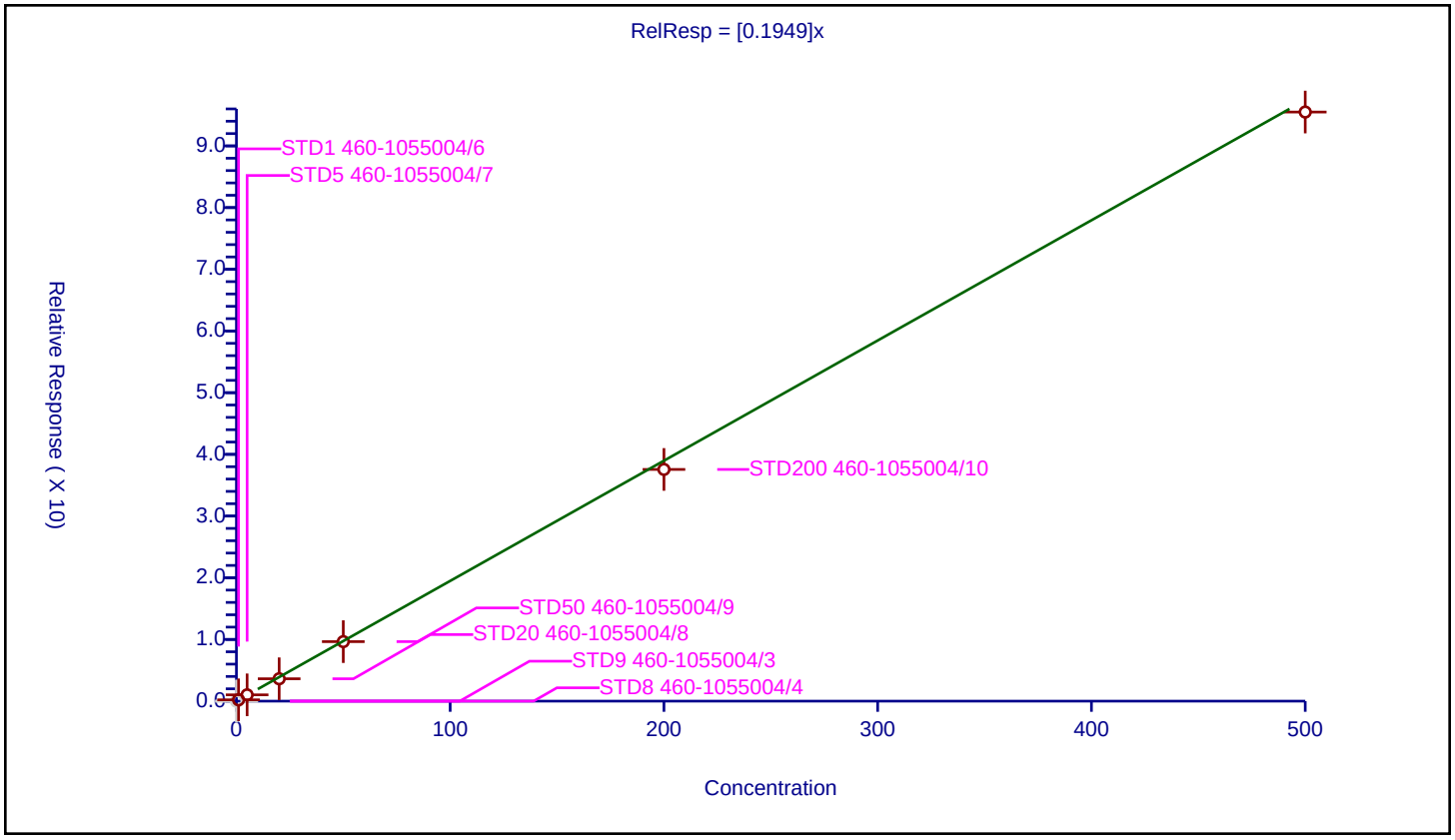
Curve Coefficients

Intercept:	0
Slope:	0.1949

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.212361	50.0	569079.0	0.212361	Y
4	STD5 460-1055004/7	5.0	1.018921	50.0	578553.0	0.203784	Y
5	STD20 460-1055004/8	20.0	3.626582	50.0	579871.0	0.181329	Y
6	STD50 460-1055004/9	50.0	9.646812	50.0	577709.0	0.192936	Y
7	STD200 460-1055004/10	200.0	37.556907	50.0	604717.0	0.187785	Y
8	STD500 460-1055004/11	500.0	95.491478	50.0	618939.0	0.190983	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

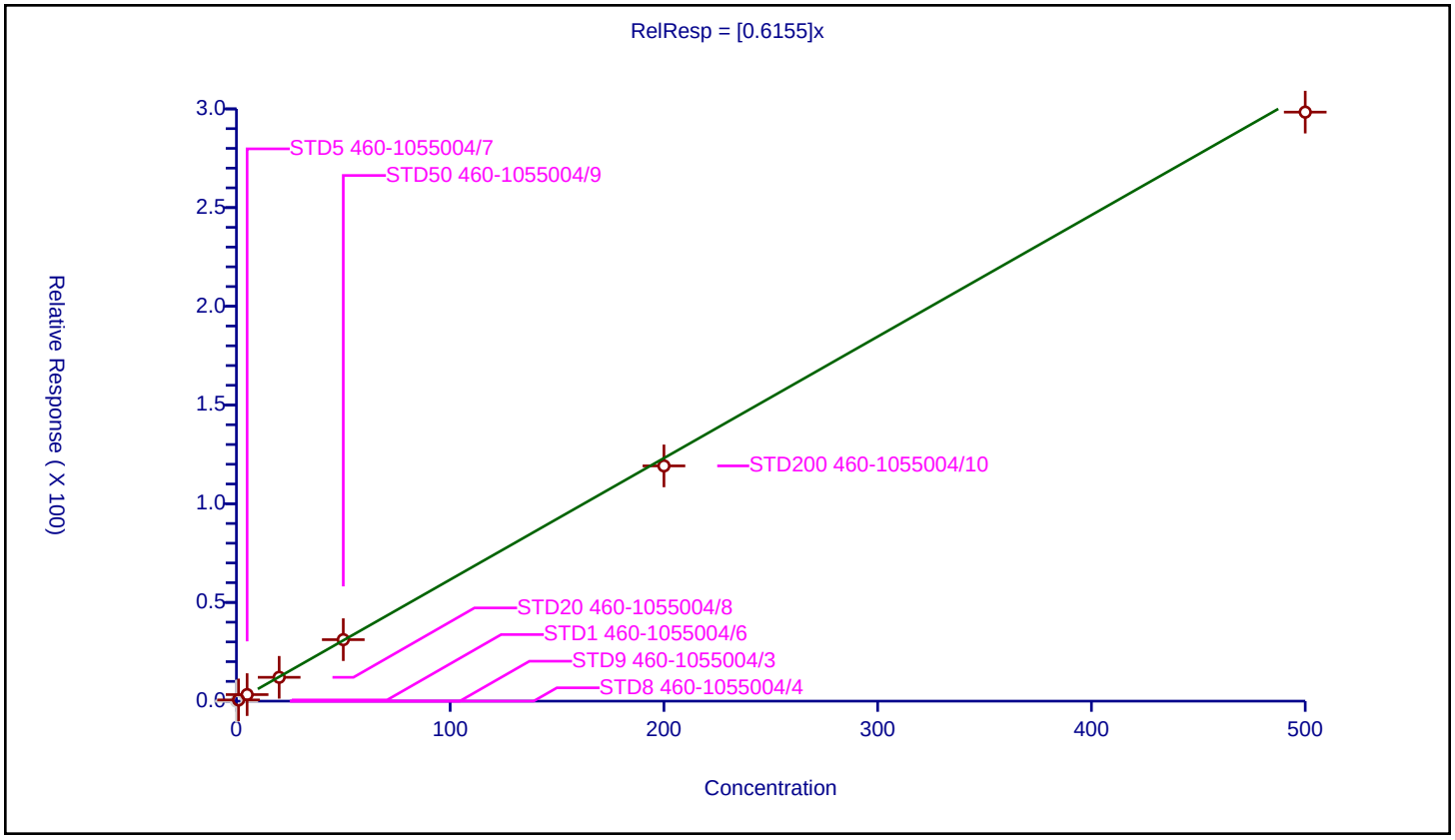
Curve Coefficients

Intercept:	0
Slope:	0.6155

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.61292	50.0	569079.0	0.61292	Y
4	STD5 460-1055004/7	5.0	3.305574	50.0	578553.0	0.661115	Y
5	STD20 460-1055004/8	20.0	12.073461	50.0	579871.0	0.603673	Y
6	STD50 460-1055004/9	50.0	31.138861	50.0	577709.0	0.622777	Y
7	STD200 460-1055004/10	200.0	119.156233	50.0	604717.0	0.595781	Y
8	STD500 460-1055004/11	500.0	298.36761	50.0	618939.0	0.596735	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

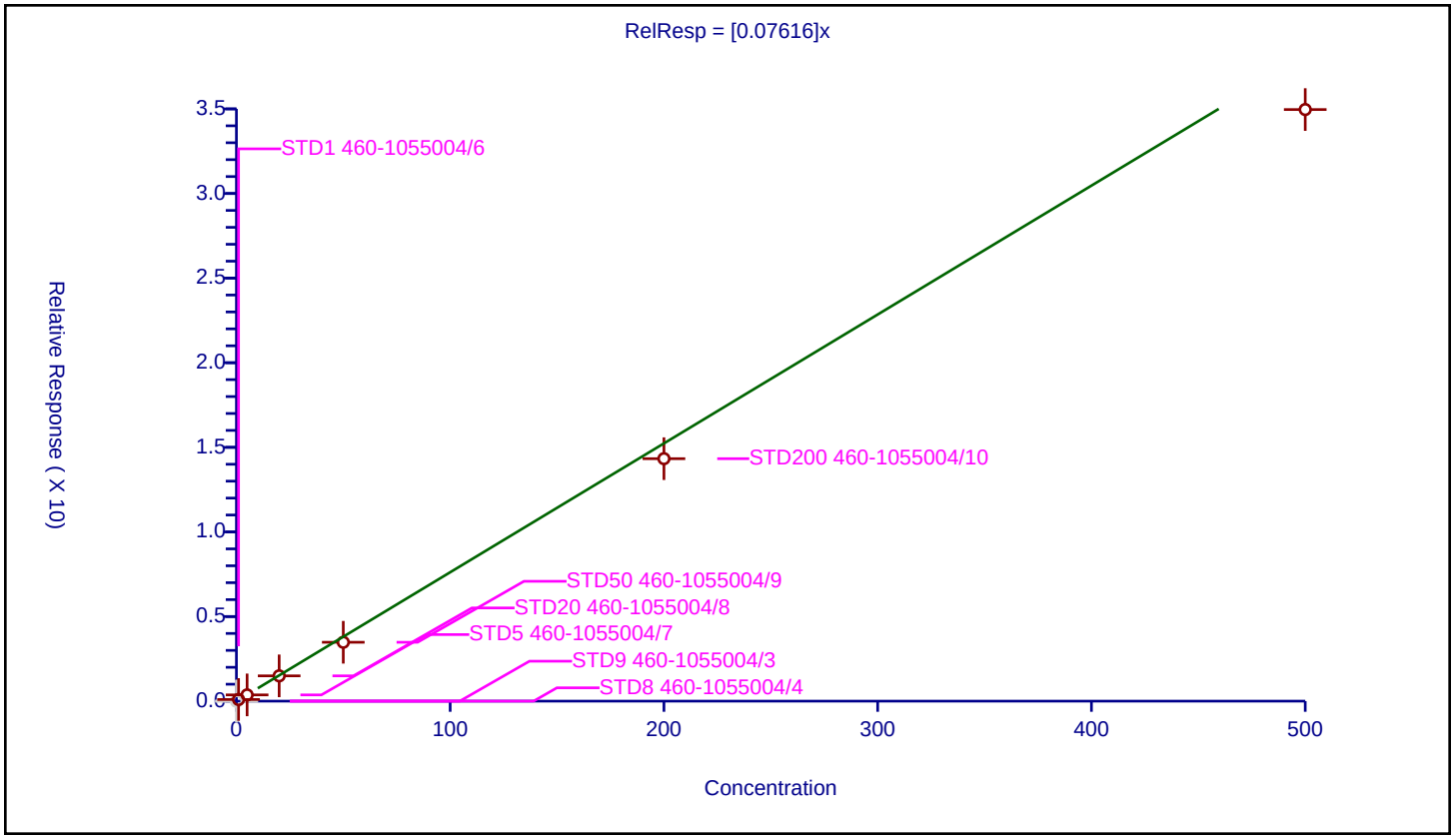
Curve Coefficients

Intercept:	0
Slope:	0.07616

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.097175	50.0	569079.0	0.097175	Y
4	STD5 460-1055004/7	5.0	0.36937	50.0	578553.0	0.073874	Y
5	STD20 460-1055004/8	20.0	1.495246	50.0	579871.0	0.074762	Y
6	STD50 460-1055004/9	50.0	3.47978	50.0	577709.0	0.069596	Y
7	STD200 460-1055004/10	200.0	14.32943	50.0	604717.0	0.071647	Y
8	STD500 460-1055004/11	500.0	34.961361	50.0	618939.0	0.069923	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

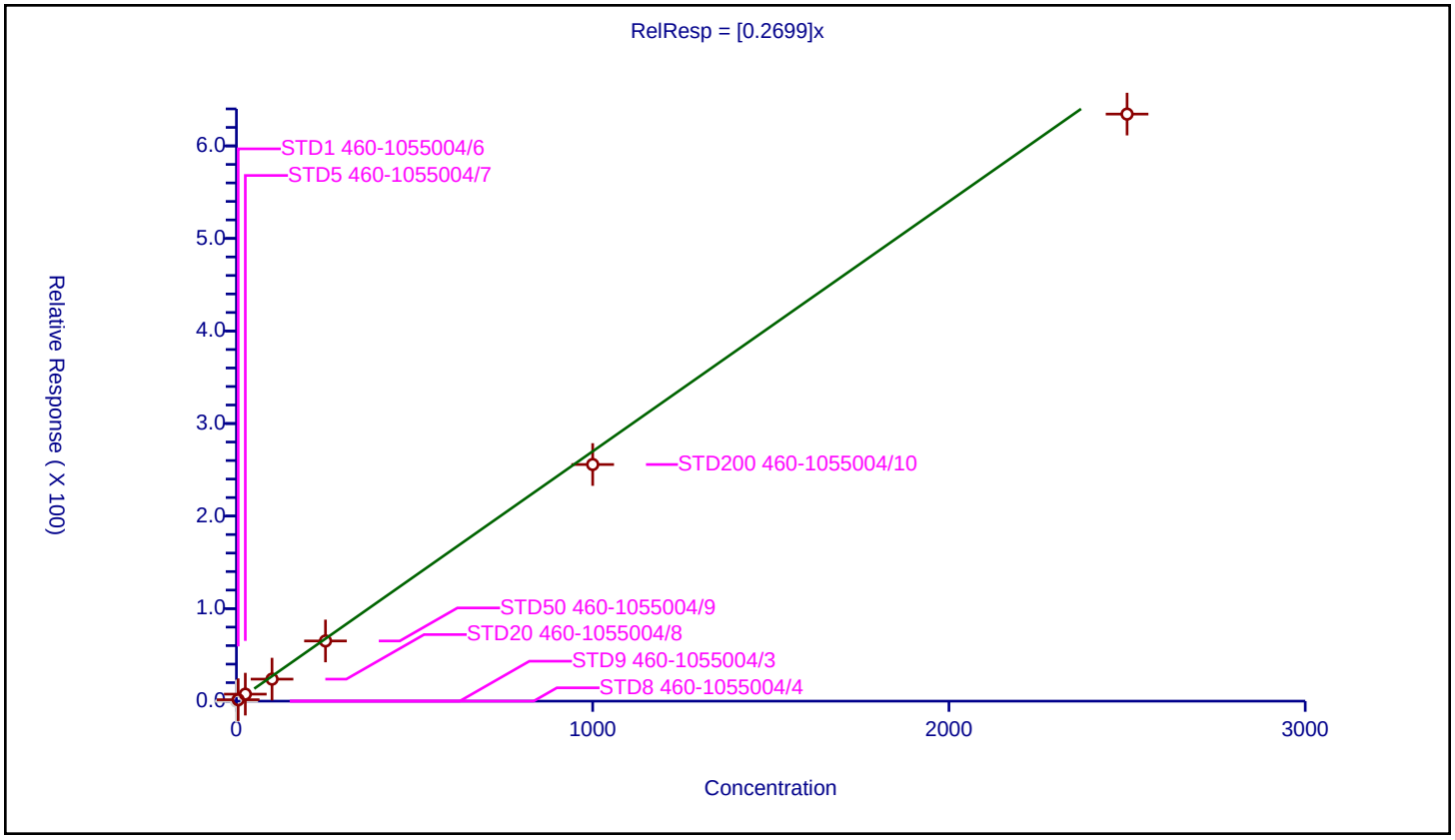
Curve Coefficients

Intercept:	0
Slope:	0.2699

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	1.0	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	5.0	1.552085	250.0	223087.0	0.310417	Y
4	STD5 460-1055004/7	25.0	7.544244	250.0	220201.0	0.30177	Y
5	STD20 460-1055004/8	100.0	23.781396	250.0	222201.0	0.237814	Y
6	STD50 460-1055004/9	250.0	65.039585	250.0	228999.0	0.260158	Y
7	STD200 460-1055004/10	1000.0	255.700225	250.0	226263.0	0.2557	Y
8	STD500 460-1055004/11	2500.0	634.379492	250.0	241391.0	0.253752	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

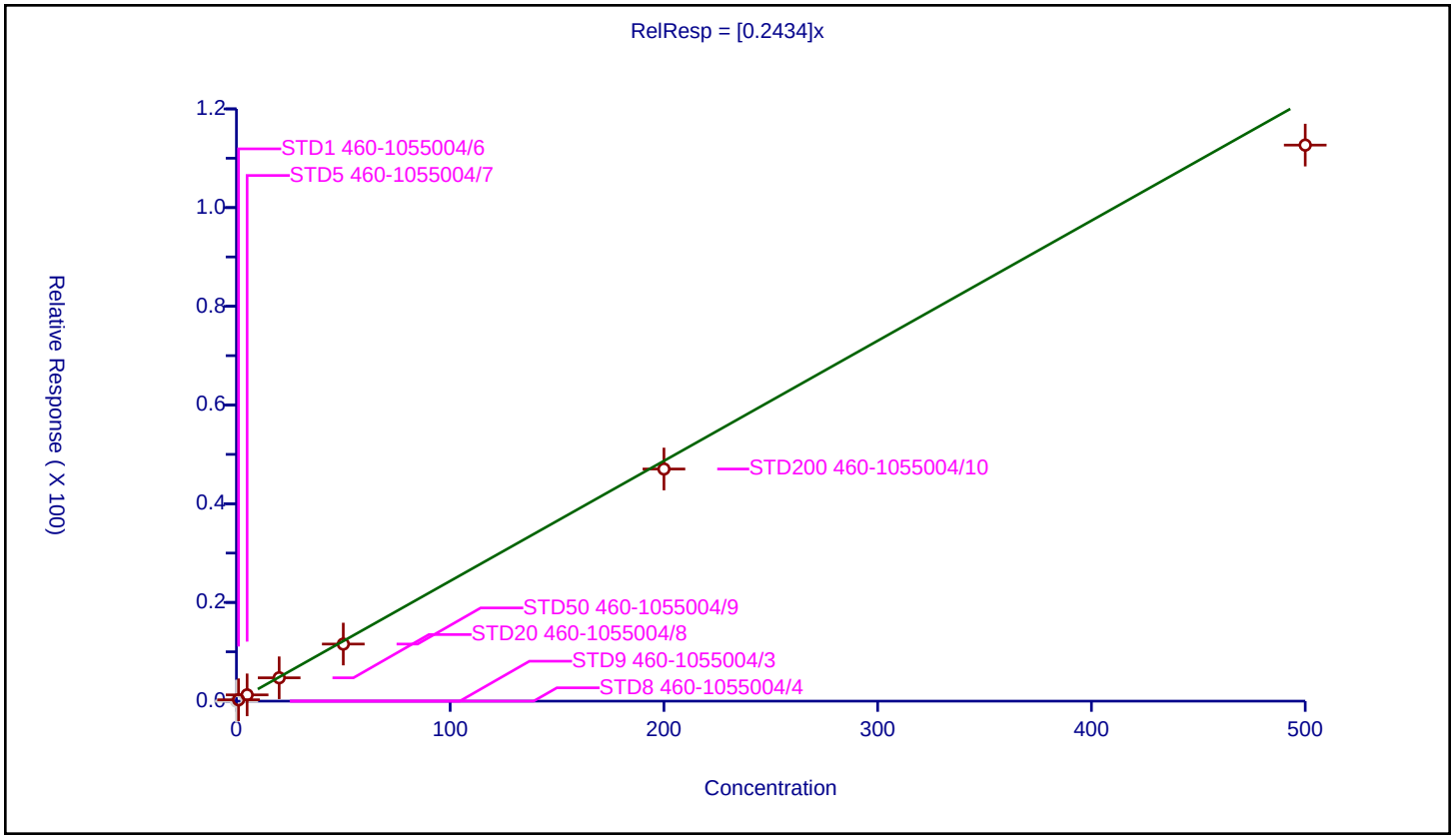
Curve Coefficients

Intercept:	0
Slope:	0.2434

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.277817	50.0	569079.0	0.277817	Y
4	STD5 460-1055004/7	5.0	1.271448	50.0	578553.0	0.25429	Y
5	STD20 460-1055004/8	20.0	4.729586	50.0	579871.0	0.236479	Y
6	STD50 460-1055004/9	50.0	11.564732	50.0	577709.0	0.231295	Y
7	STD200 460-1055004/10	200.0	47.031835	50.0	604717.0	0.235159	Y
8	STD500 460-1055004/11	500.0	112.665707	50.0	618939.0	0.225331	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

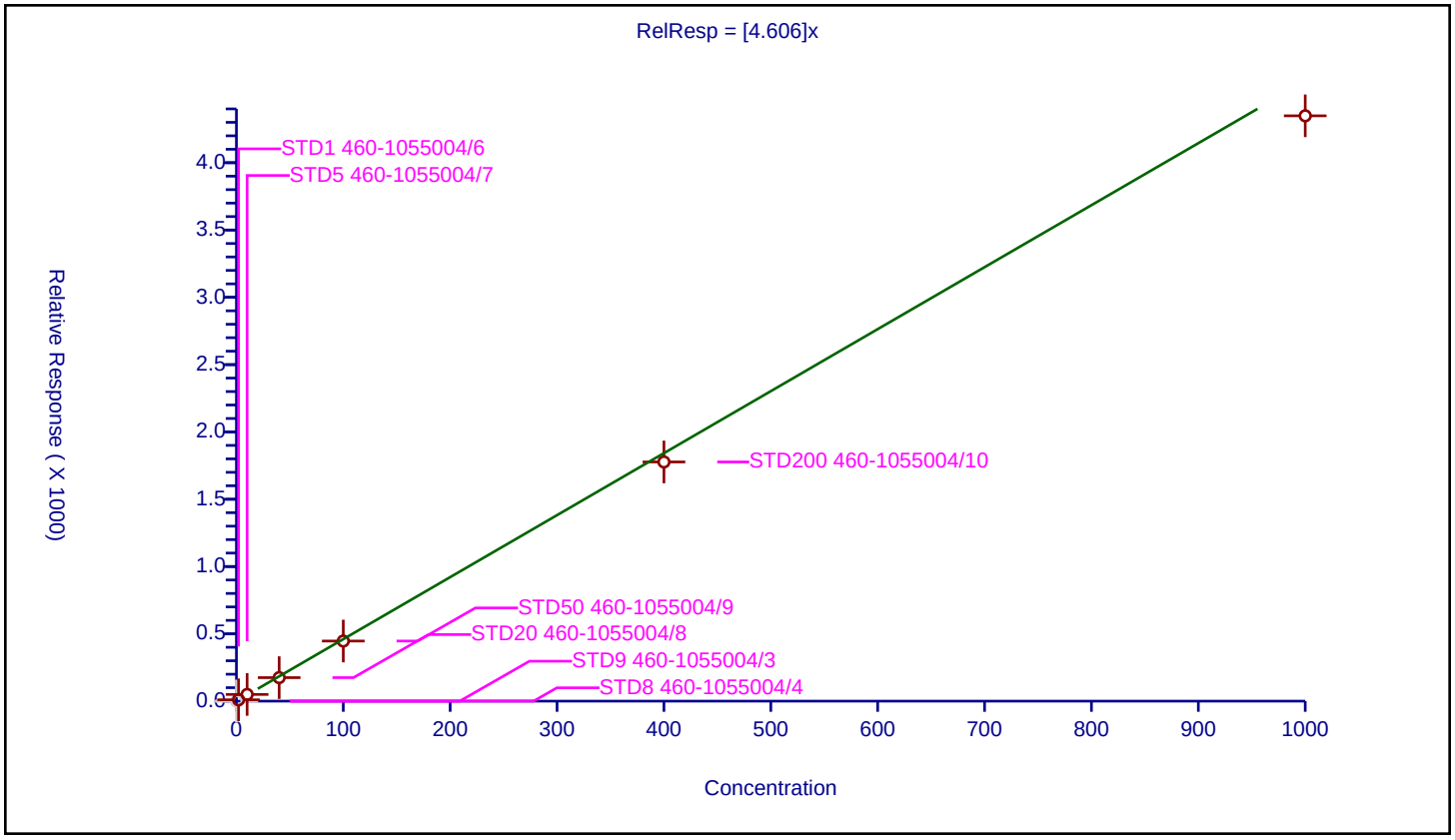
Curve Coefficients

Intercept:	0
Slope:	4.606

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	2.0	10.068942	250.0	223087.0	5.034471	Y
4	STD5 460-1055004/7	10.0	49.790873	250.0	220201.0	4.979087	Y
5	STD20 460-1055004/8	40.0	174.667306	250.0	222201.0	4.366683	Y
6	STD50 460-1055004/9	100.0	446.404788	250.0	228999.0	4.464048	Y
7	STD200 460-1055004/10	400.0	1776.936574	250.0	226263.0	4.442341	Y
8	STD500 460-1055004/11	1000.0	4348.476124	250.0	241391.0	4.348476	Y



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Calibration / Methyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

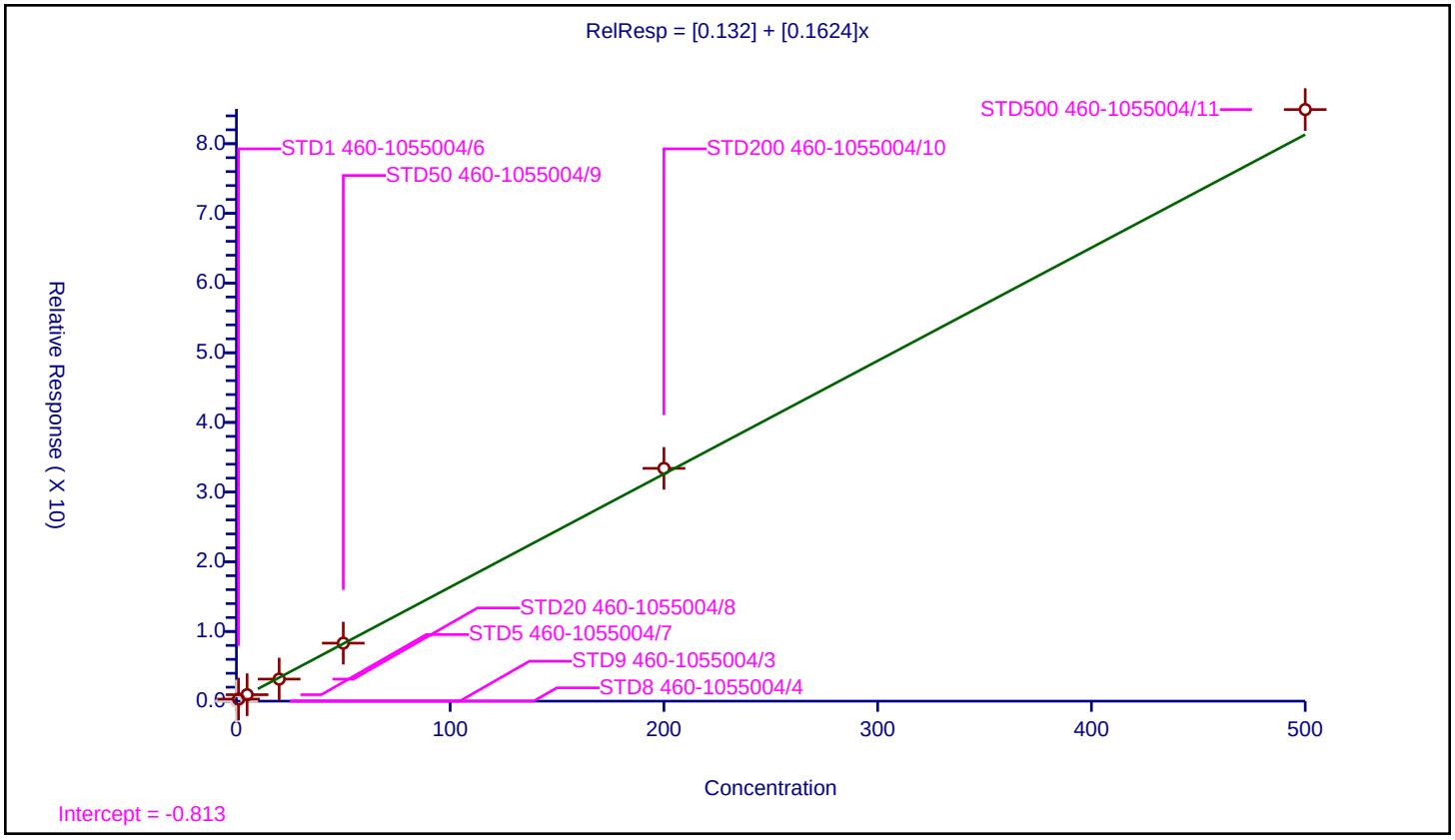
Curve Coefficients

Intercept:	0.132
Slope:	0.1624

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.295477	50.0	569079.0	0.295477	Y
4	STD5 460-1055004/7	5.0	0.927573	50.0	578553.0	0.185515	Y
5	STD20 460-1055004/8	20.0	3.168722	50.0	579871.0	0.158436	Y
6	STD50 460-1055004/9	50.0	8.322183	50.0	577709.0	0.166444	Y
7	STD200 460-1055004/10	200.0	33.412406	50.0	604717.0	0.167062	Y
8	STD500 460-1055004/11	500.0	84.905944	50.0	618939.0	0.169812	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

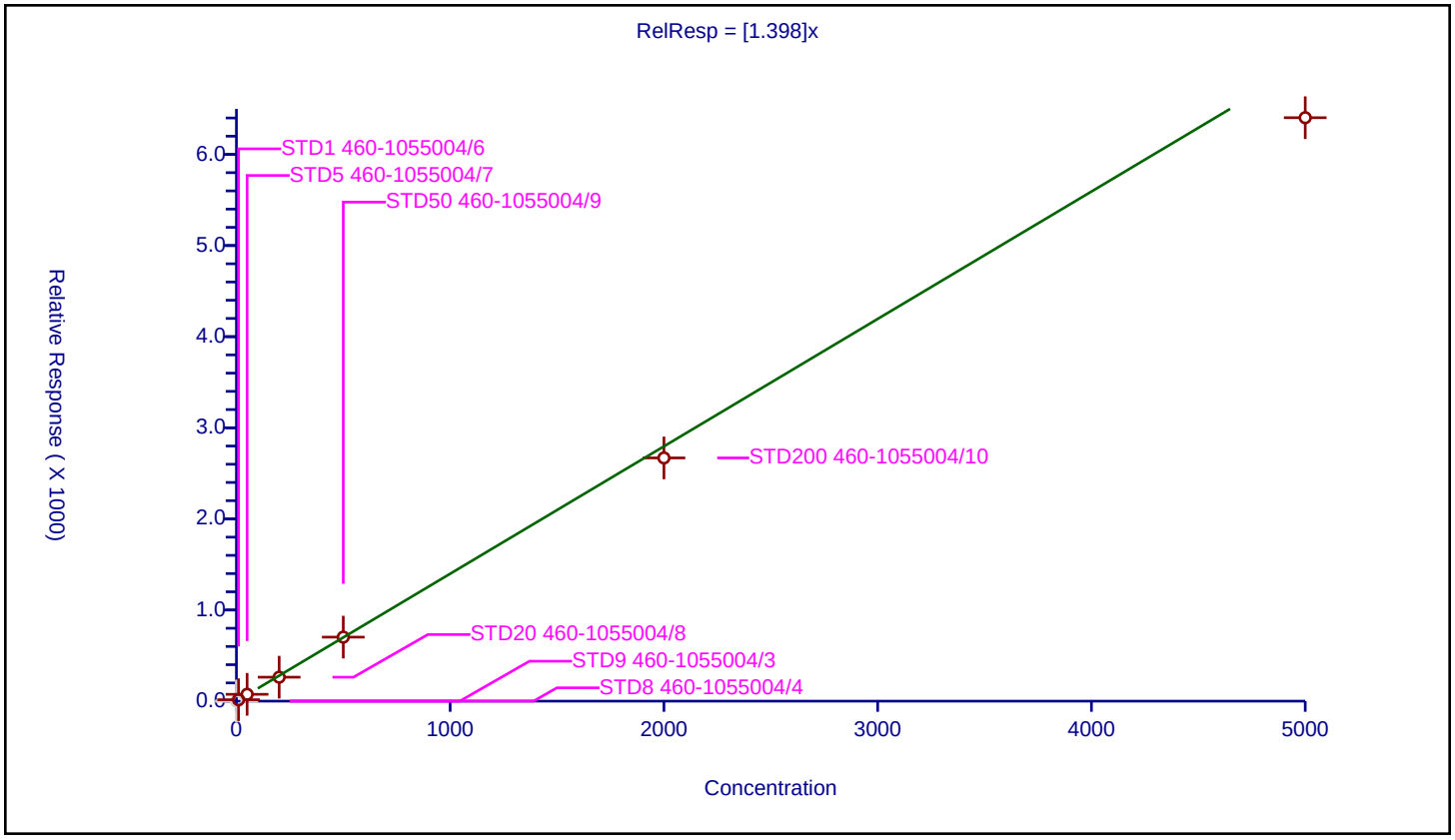
Curve Coefficients

Intercept:	0
Slope:	1.398

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	2.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	10.0	15.546071	1000.0	196577.0	1.554607	Y
4	STD5 460-1055004/7	50.0	74.995451	1000.0	197852.0	1.499909	Y
5	STD20 460-1055004/8	200.0	262.953044	1000.0	200146.0	1.314765	Y
6	STD50 460-1055004/9	500.0	702.466056	1000.0	202834.0	1.404932	Y
7	STD200 460-1055004/10	2000.0	2669.214207	1000.0	206212.0	1.334607	Y
8	STD500 460-1055004/11	5000.0	6403.277601	1000.0	235111.0	1.280656	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

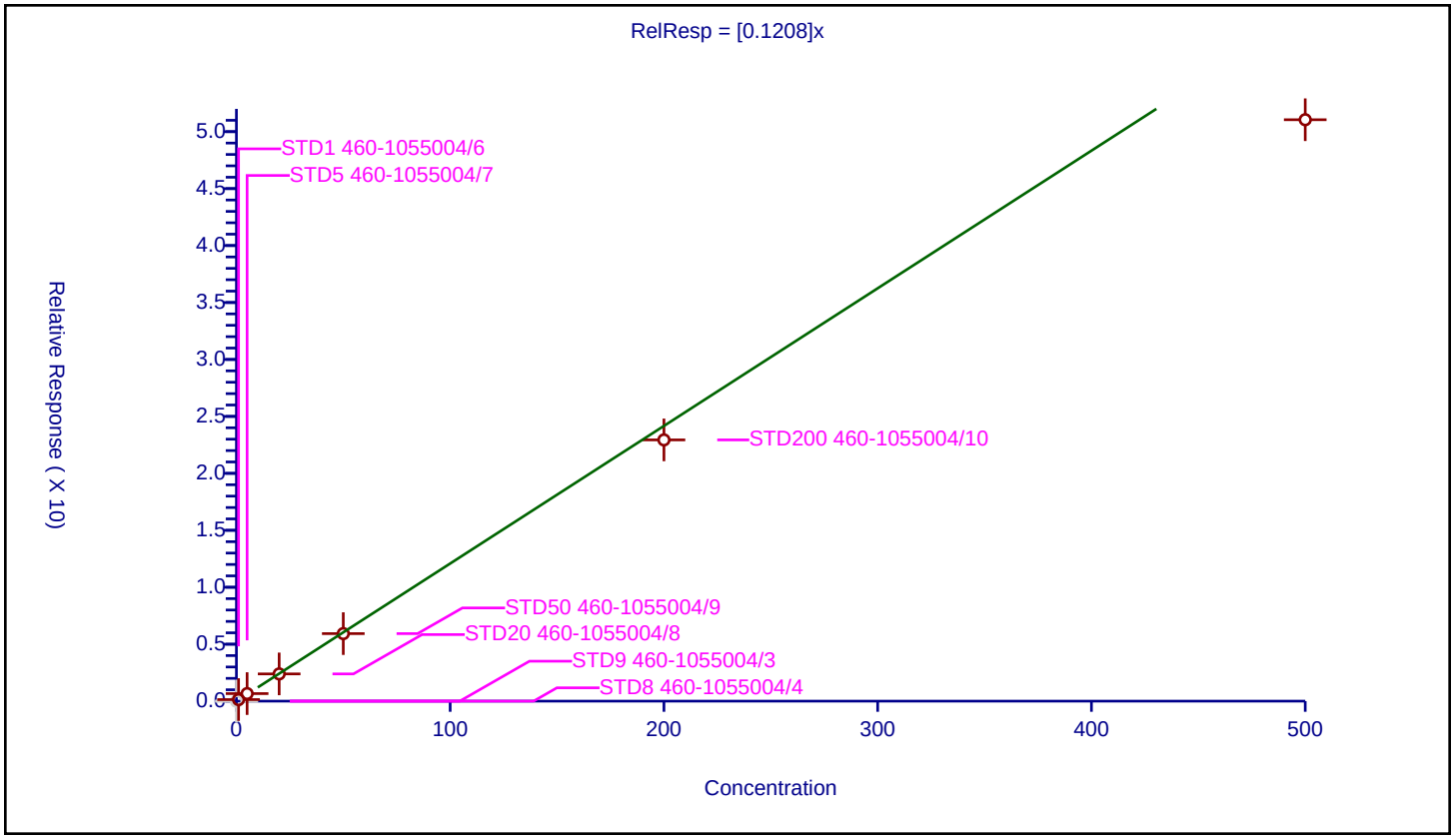
Curve Coefficients

Intercept:	0
Slope:	0.1208

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.137679	50.0	569079.0	0.137679	Y
4	STD5 460-1055004/7	5.0	0.66191	50.0	578553.0	0.132382	Y
5	STD20 460-1055004/8	20.0	2.391135	50.0	579871.0	0.119557	Y
6	STD50 460-1055004/9	50.0	5.928244	50.0	577709.0	0.118565	Y
7	STD200 460-1055004/10	200.0	22.936266	50.0	604717.0	0.114681	Y
8	STD500 460-1055004/11	500.0	51.047114	50.0	618939.0	0.102094	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

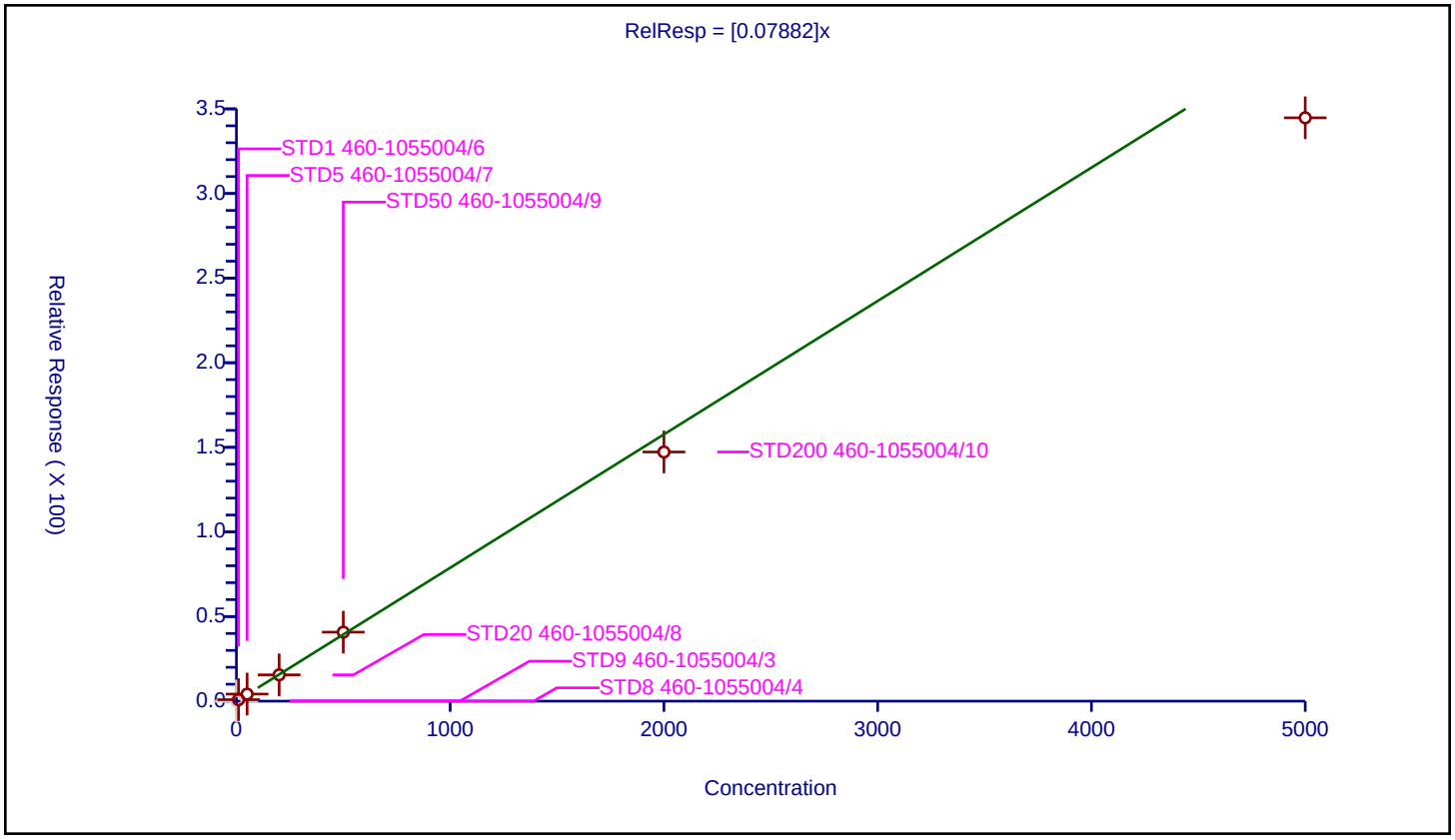
Curve Coefficients

Intercept:	0
Slope:	0.07882

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	2.0	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	10.0	0.876065	50.0	569079.0	0.087606	Y
4	STD5 460-1055004/7	50.0	4.174726	50.0	578553.0	0.083495	Y
5	STD20 460-1055004/8	200.0	15.549234	50.0	579871.0	0.077746	Y
6	STD50 460-1055004/9	500.0	40.770699	50.0	577709.0	0.081541	Y
7	STD200 460-1055004/10	2000.0	147.233086	50.0	604717.0	0.073617	Y
8	STD500 460-1055004/11	5000.0	344.723713	50.0	618939.0	0.068945	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

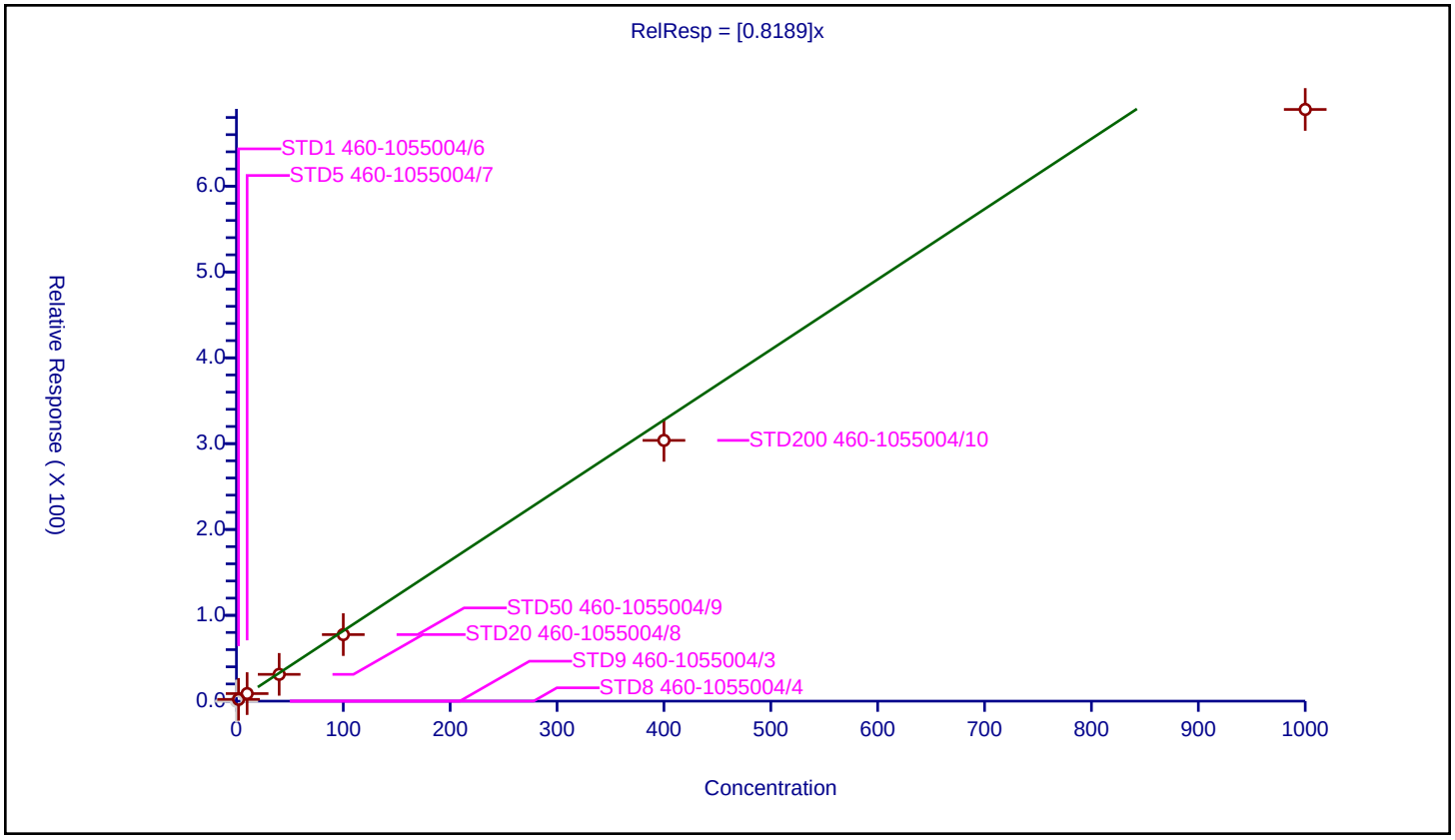
Curve Coefficients

Intercept:	0
Slope:	0.8189

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	2.0	2.061976	250.0	223087.0	1.030988	Y
4	STD5 460-1055004/7	10.0	8.782885	250.0	220201.0	0.878288	Y
5	STD20 460-1055004/8	40.0	31.202605	250.0	222201.0	0.780065	Y
6	STD50 460-1055004/9	100.0	77.53964	250.0	228999.0	0.775396	Y
7	STD200 460-1055004/10	400.0	303.794699	250.0	226263.0	0.759487	Y
8	STD500 460-1055004/11	1000.0	689.342188	250.0	241391.0	0.689342	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

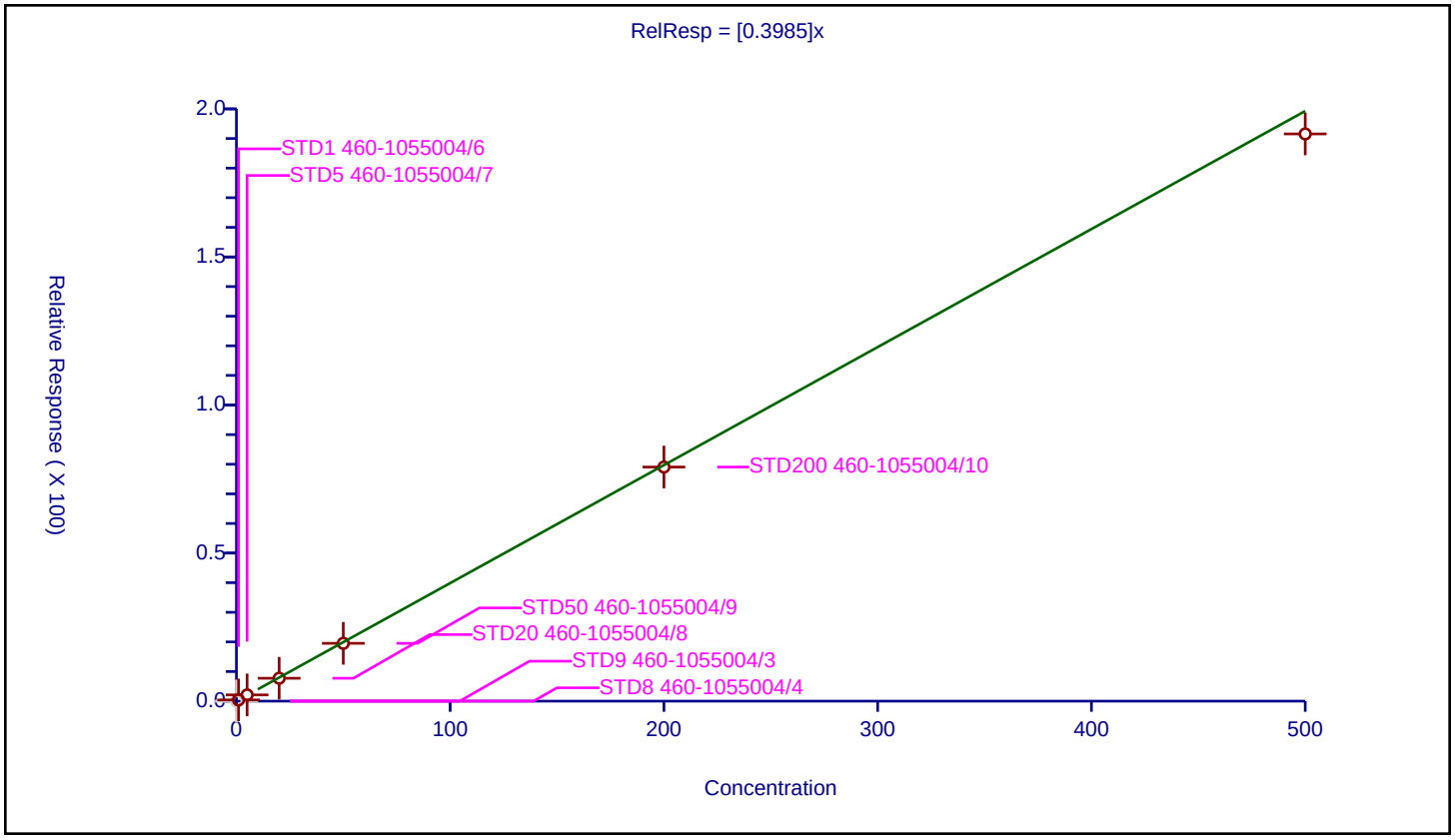
Curve Coefficients

Intercept:	0
Slope:	0.3985

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.413563	50.0	569079.0	0.413563	Y
4	STD5 460-1055004/7	5.0	2.111388	50.0	578553.0	0.422278	Y
5	STD20 460-1055004/8	20.0	7.731202	50.0	579871.0	0.38656	Y
6	STD50 460-1055004/9	50.0	19.525747	50.0	577709.0	0.390515	Y
7	STD200 460-1055004/10	200.0	79.053921	50.0	604717.0	0.39527	Y
8	STD500 460-1055004/11	500.0	191.548763	50.0	618939.0	0.383098	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

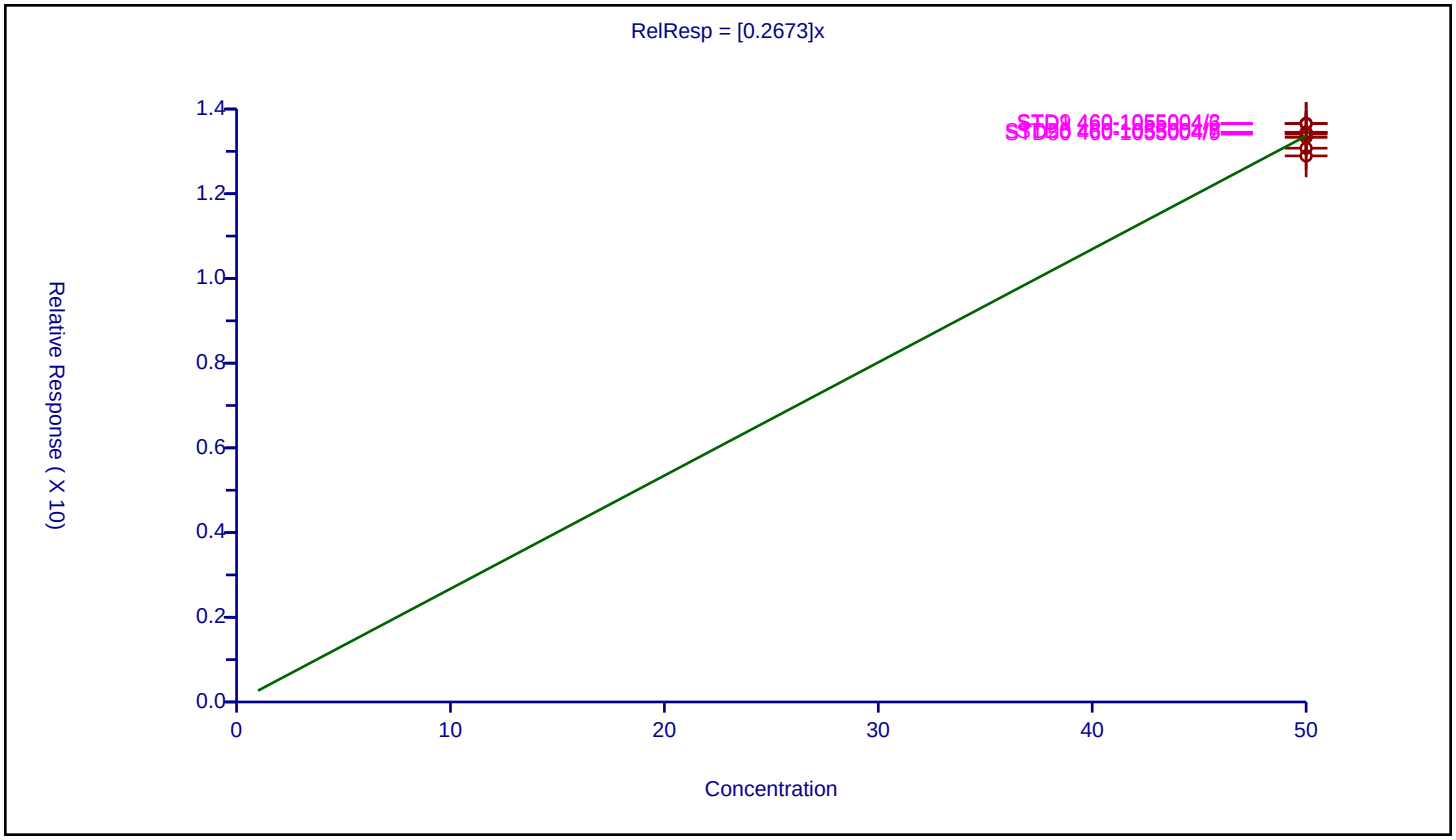
Curve Coefficients

Intercept:	0
Slope:	0.2673

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	50.0	13.6603	50.0	684769.0	0.273206	Y
2	STD8 460-1055004/4	50.0	13.330564	50.0	577755.0	0.266611	Y
3	STD1 460-1055004/6	50.0	13.653289	50.0	569079.0	0.273066	Y
4	STD5 460-1055004/7	50.0	13.442675	50.0	578553.0	0.268854	Y
5	STD20 460-1055004/8	50.0	13.451181	50.0	579871.0	0.269024	Y
6	STD50 460-1055004/9	50.0	13.40649	50.0	577709.0	0.26813	Y
7	STD200 460-1055004/10	50.0	13.074959	50.0	604717.0	0.261499	Y
8	STD500 460-1055004/11	50.0	12.893355	50.0	618939.0	0.257867	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

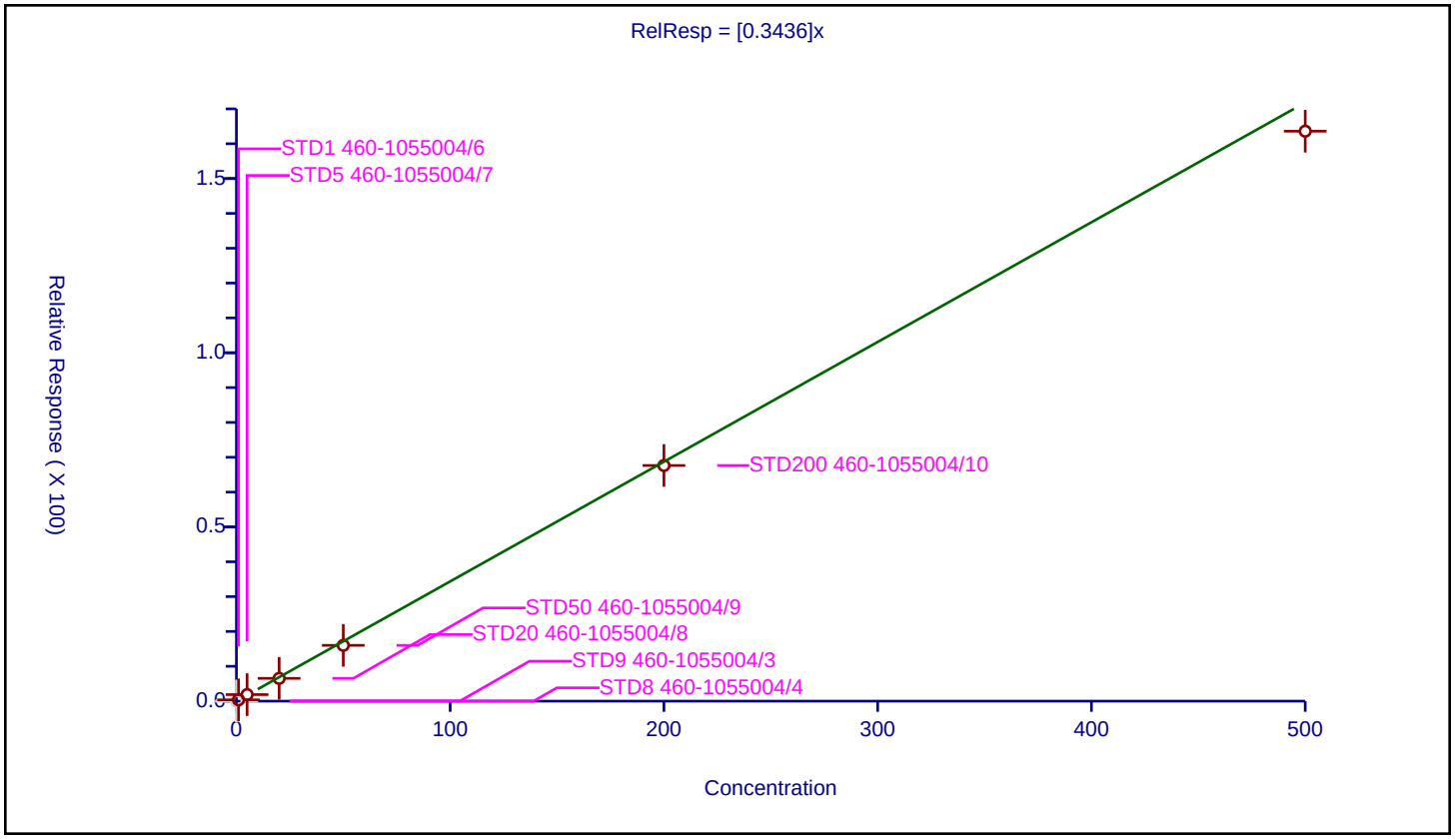
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.374025	50.0	569079.0	0.374025	Y
4	STD5 460-1055004/7	5.0	1.876233	50.0	578553.0	0.375247	Y
5	STD20 460-1055004/8	20.0	6.540334	50.0	579871.0	0.327017	Y
6	STD50 460-1055004/9	50.0	16.009358	50.0	577709.0	0.320187	Y
7	STD200 460-1055004/10	200.0	67.643377	50.0	604717.0	0.338217	Y
8	STD500 460-1055004/11	500.0	163.591727	50.0	618939.0	0.327183	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

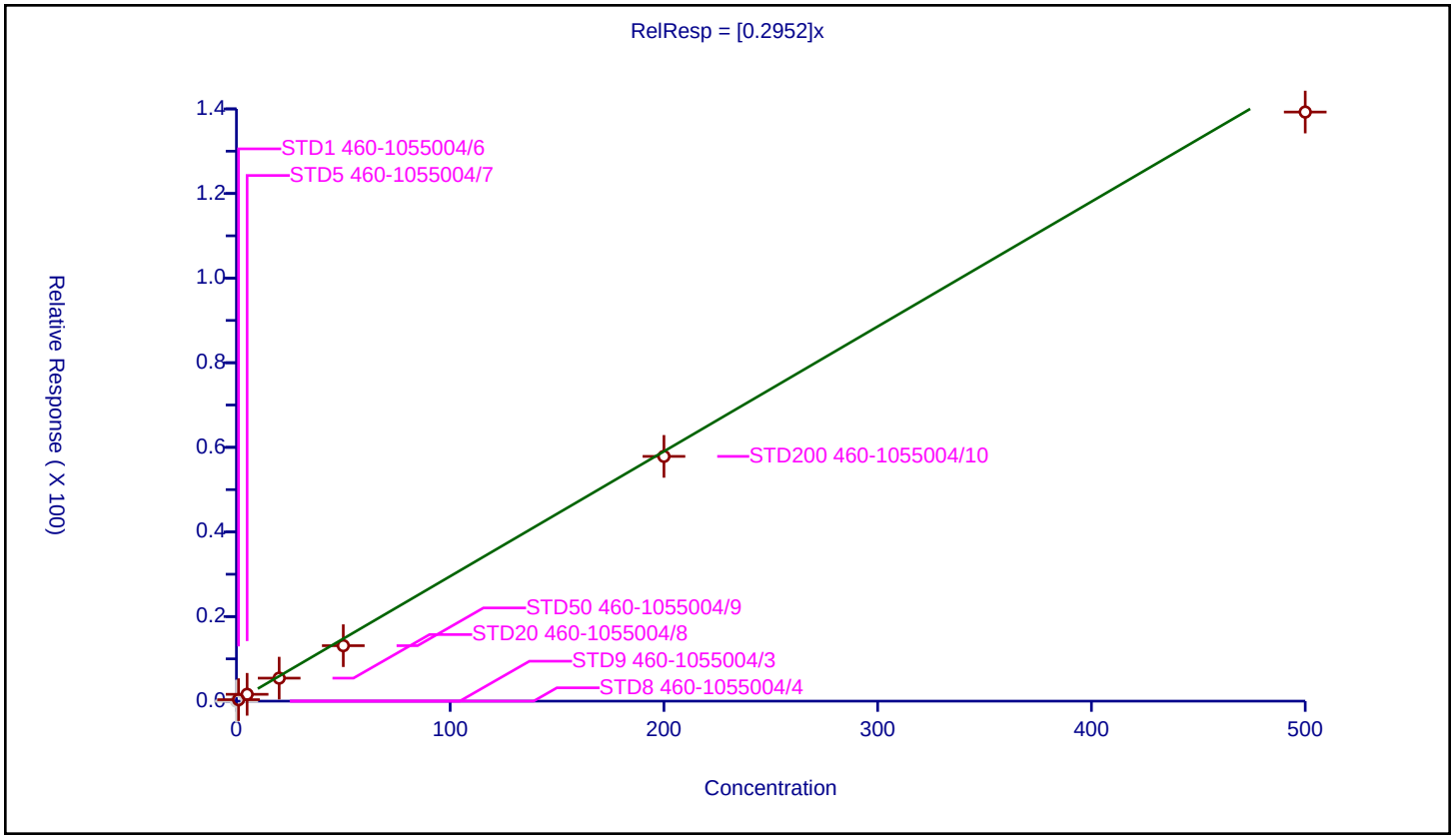
Curve Coefficients

Intercept:	0
Slope:	0.2952

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.346261	50.0	569079.0	0.346261	Y
4	STD5 460-1055004/7	5.0	1.615582	50.0	578553.0	0.323116	Y
5	STD20 460-1055004/8	20.0	5.434571	50.0	579871.0	0.271729	Y
6	STD50 460-1055004/9	50.0	13.114301	50.0	577709.0	0.262286	Y
7	STD200 460-1055004/10	200.0	57.855741	50.0	604717.0	0.289279	Y
8	STD500 460-1055004/11	500.0	139.260008	50.0	618939.0	0.27852	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

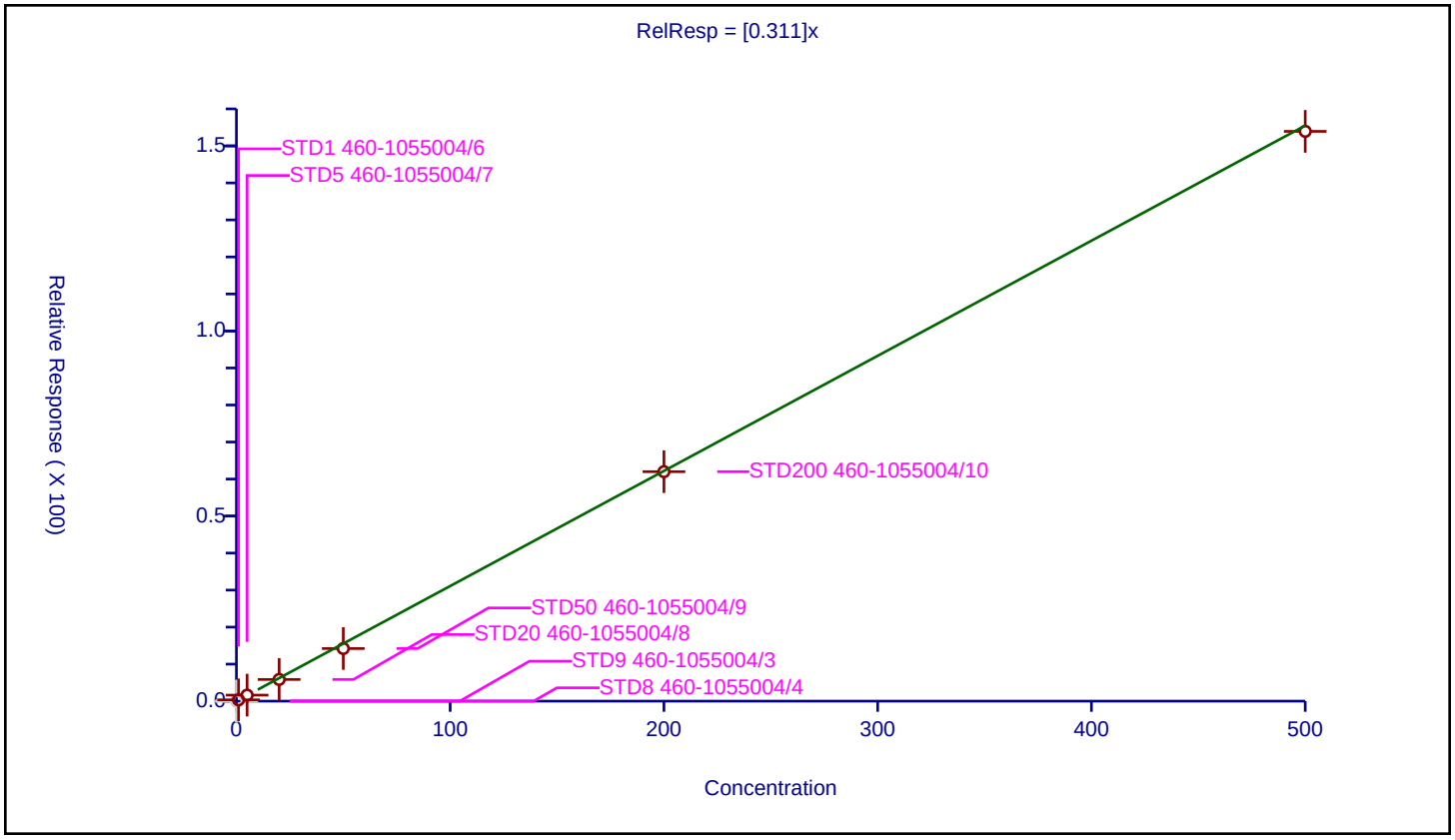
Curve Coefficients

Intercept:	0
Slope:	0.311

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.346349	50.0	569079.0	0.346349	Y
4	STD5 460-1055004/7	5.0	1.622842	50.0	578553.0	0.324568	Y
5	STD20 460-1055004/8	20.0	5.856216	50.0	579871.0	0.292811	Y
6	STD50 460-1055004/9	50.0	14.212865	50.0	577709.0	0.284257	Y
7	STD200 460-1055004/10	200.0	61.99404	50.0	604717.0	0.30997	Y
8	STD500 460-1055004/11	500.0	153.928578	50.0	618939.0	0.307857	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

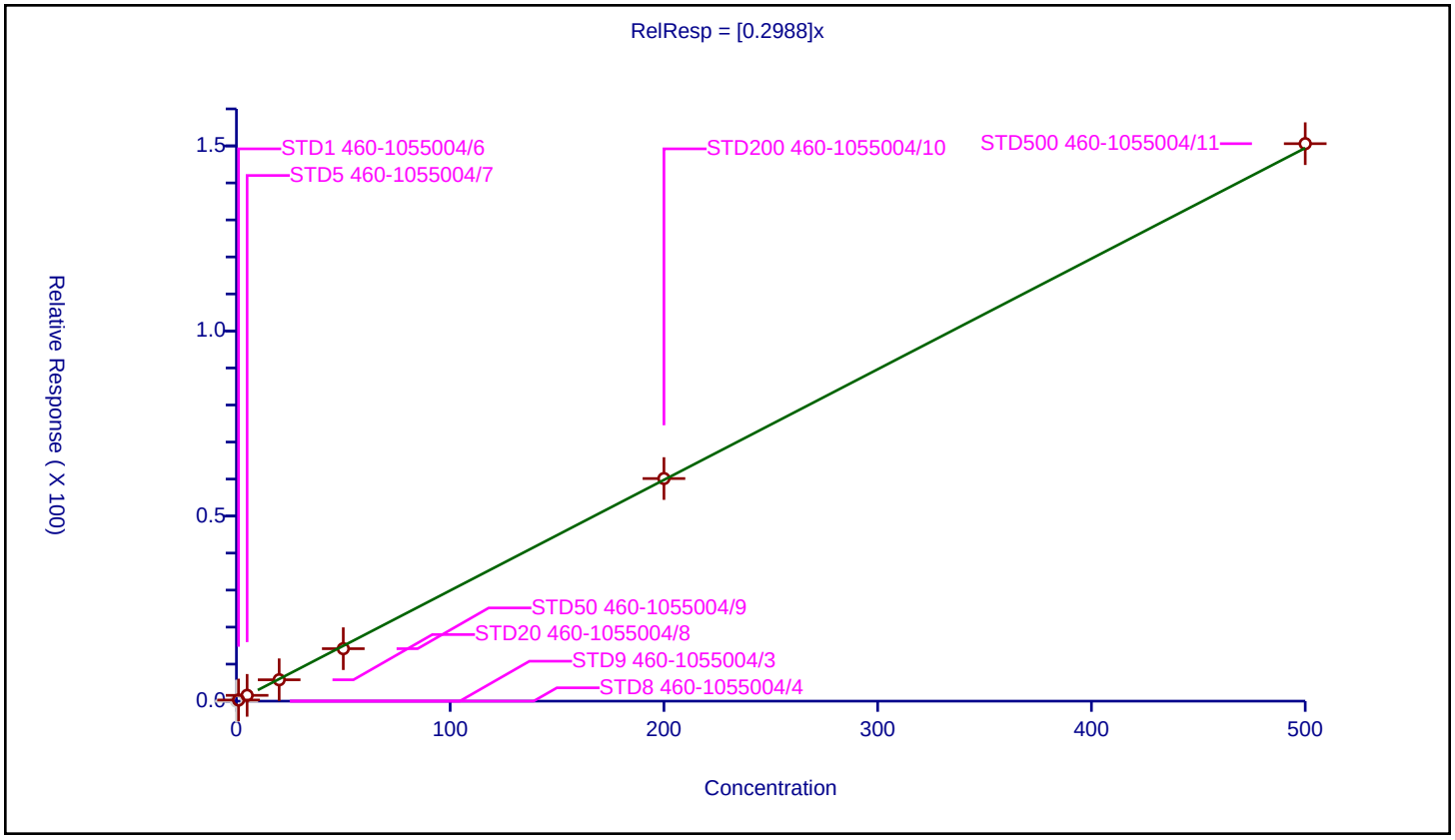
Curve Coefficients

Intercept:	0
Slope:	0.2988

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.305669	50.0	569079.0	0.305669	Y
4	STD5 460-1055004/7	5.0	1.567099	50.0	578553.0	0.31342	Y
5	STD20 460-1055004/8	20.0	5.773353	50.0	579871.0	0.288668	Y
6	STD50 460-1055004/9	50.0	14.171235	50.0	577709.0	0.283425	Y
7	STD200 460-1055004/10	200.0	60.137717	50.0	604717.0	0.300689	Y
8	STD500 460-1055004/11	500.0	150.601432	50.0	618939.0	0.301203	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

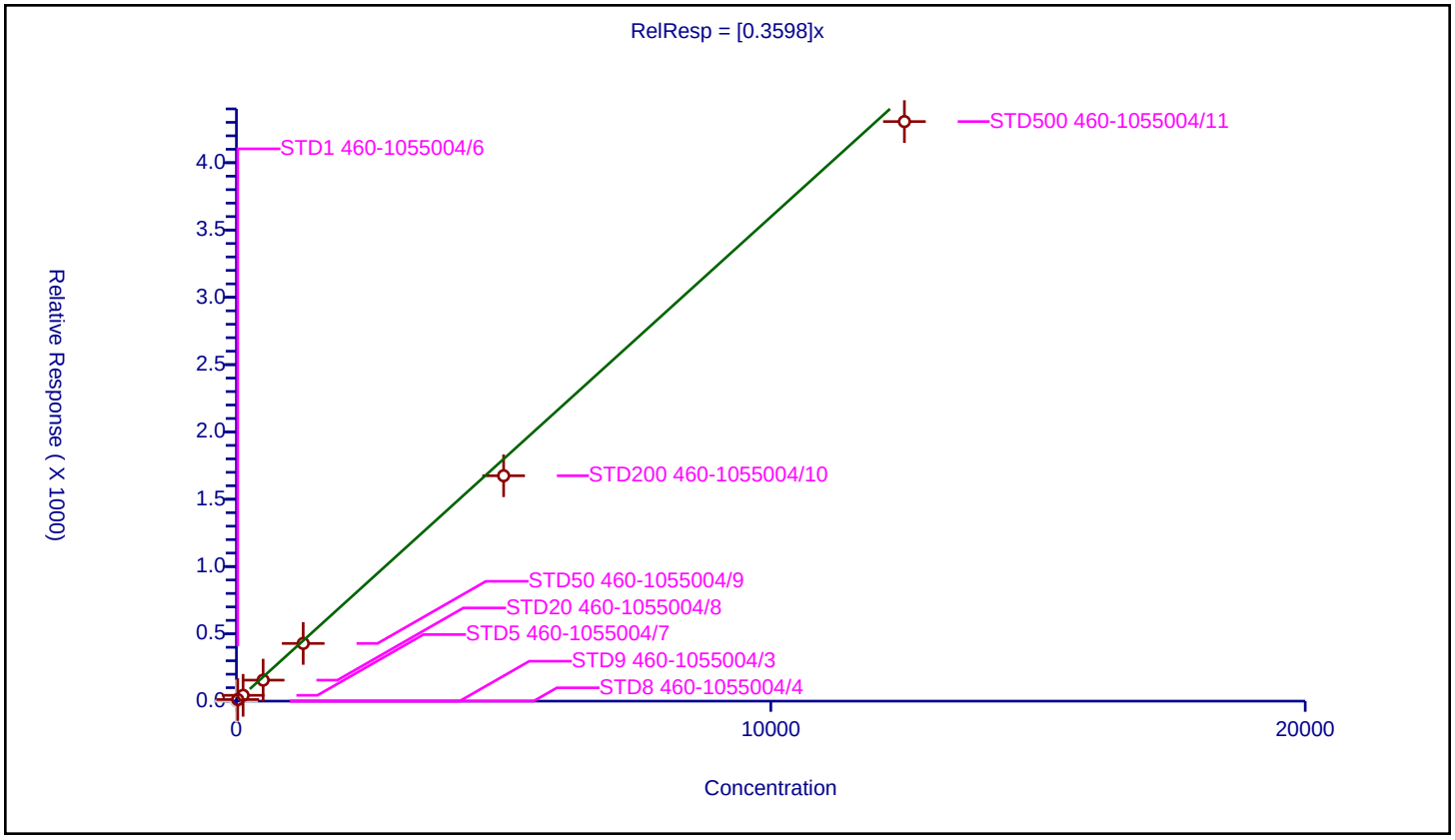
Curve Coefficients

Intercept:	0
Slope:	0.3598

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	5.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	25.0	11.939342	1000.0	196577.0	0.477574	Y
4	STD5 460-1055004/7	125.0	43.330368	1000.0	197852.0	0.346643	Y
5	STD20 460-1055004/8	500.0	155.976137	1000.0	200146.0	0.311952	Y
6	STD50 460-1055004/9	1250.0	428.784129	1000.0	202834.0	0.343027	Y
7	STD200 460-1055004/10	5000.0	1674.470933	1000.0	206212.0	0.334894	Y
8	STD500 460-1055004/11	12500.0	4305.715173	1000.0	235111.0	0.344457	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

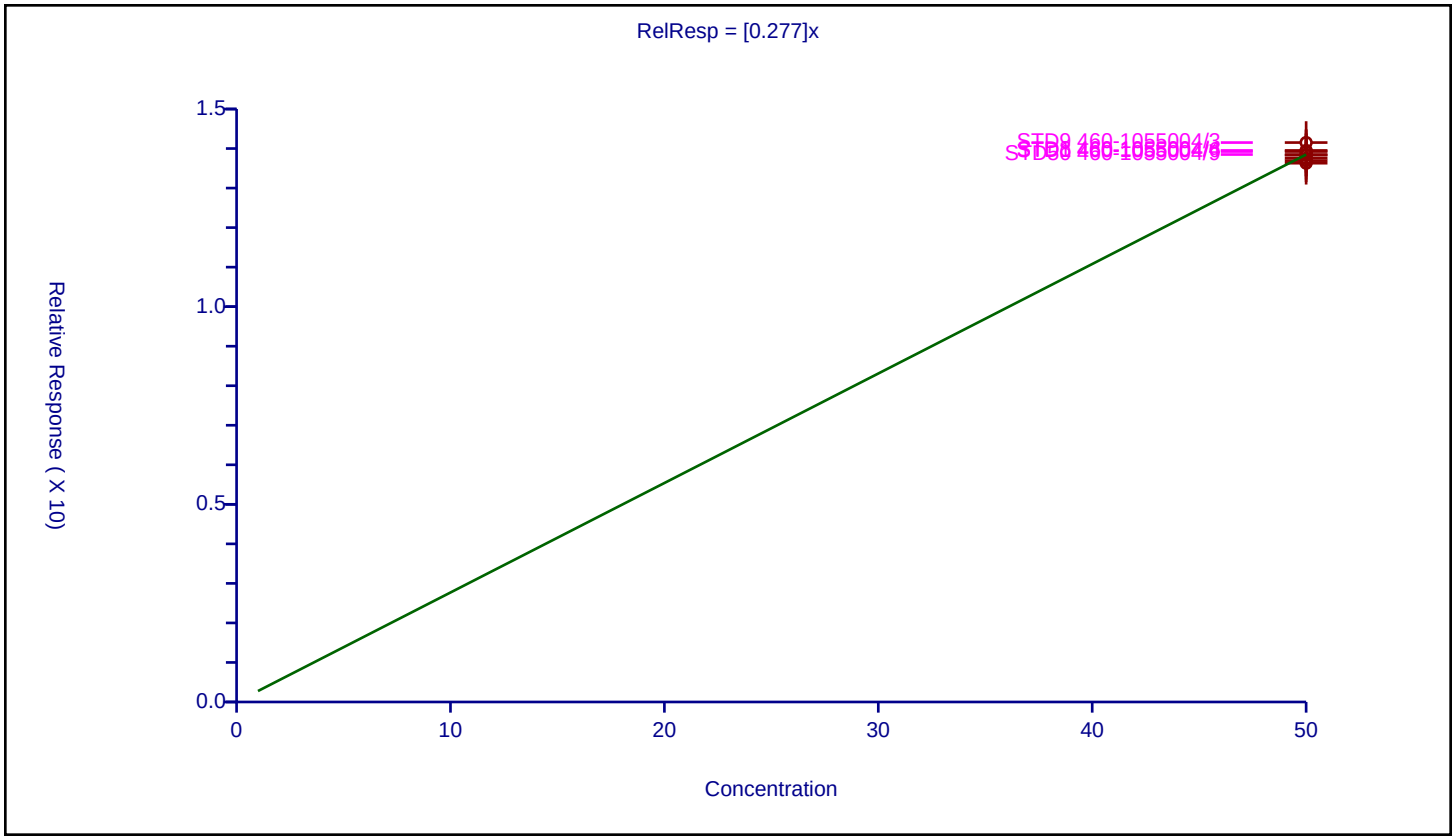
Curve Coefficients

Intercept:	0
Slope:	0.277

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	50.0	14.151634	50.0	684769.0	0.283033	Y
2	STD8 460-1055004/4	50.0	13.951935	50.0	577755.0	0.279039	Y
3	STD1 460-1055004/6	50.0	13.924692	50.0	569079.0	0.278494	Y
4	STD5 460-1055004/7	50.0	13.693992	50.0	578553.0	0.27388	Y
5	STD20 460-1055004/8	50.0	13.629411	50.0	579871.0	0.272588	Y
6	STD50 460-1055004/9	50.0	13.848581	50.0	577709.0	0.276972	Y
7	STD200 460-1055004/10	50.0	13.755856	50.0	604717.0	0.275117	Y
8	STD500 460-1055004/11	50.0	13.831492	50.0	618939.0	0.27663	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

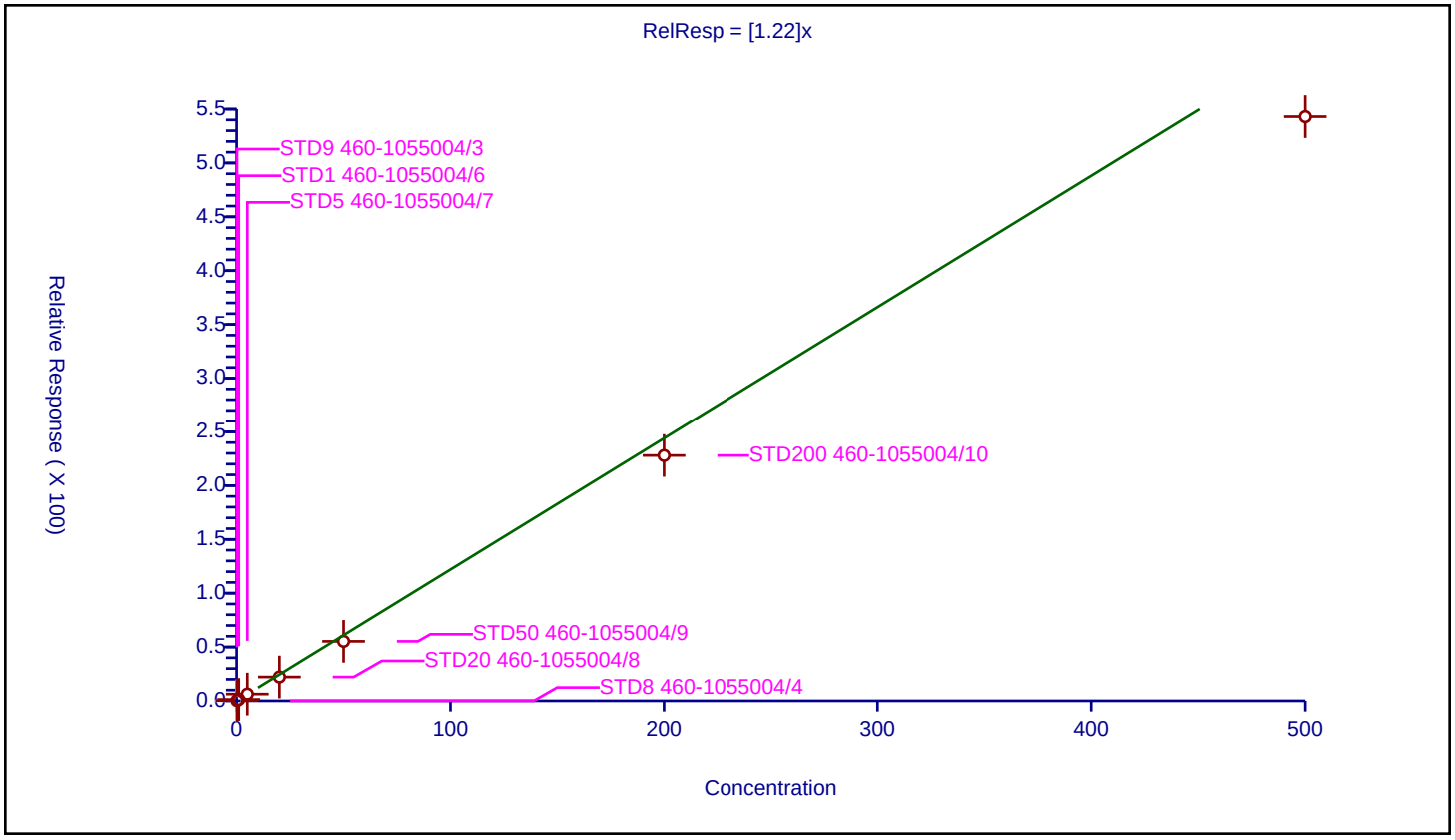
Curve Coefficients

Intercept:	0
Slope:	1.22

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.308934	50.0	505771.0	1.544671	Y
3	STD1 460-1055004/6	1.0	1.300231	50.0	423617.0	1.300231	Y
4	STD5 460-1055004/7	5.0	6.289382	50.0	428015.0	1.257876	Y
5	STD20 460-1055004/8	20.0	22.148511	50.0	431187.0	1.107426	Y
6	STD50 460-1055004/9	50.0	55.258082	50.0	430794.0	1.105162	Y
7	STD200 460-1055004/10	200.0	228.039056	50.0	447713.0	1.140195	Y
8	STD500 460-1055004/11	500.0	543.045222	50.0	459267.0	1.08609	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

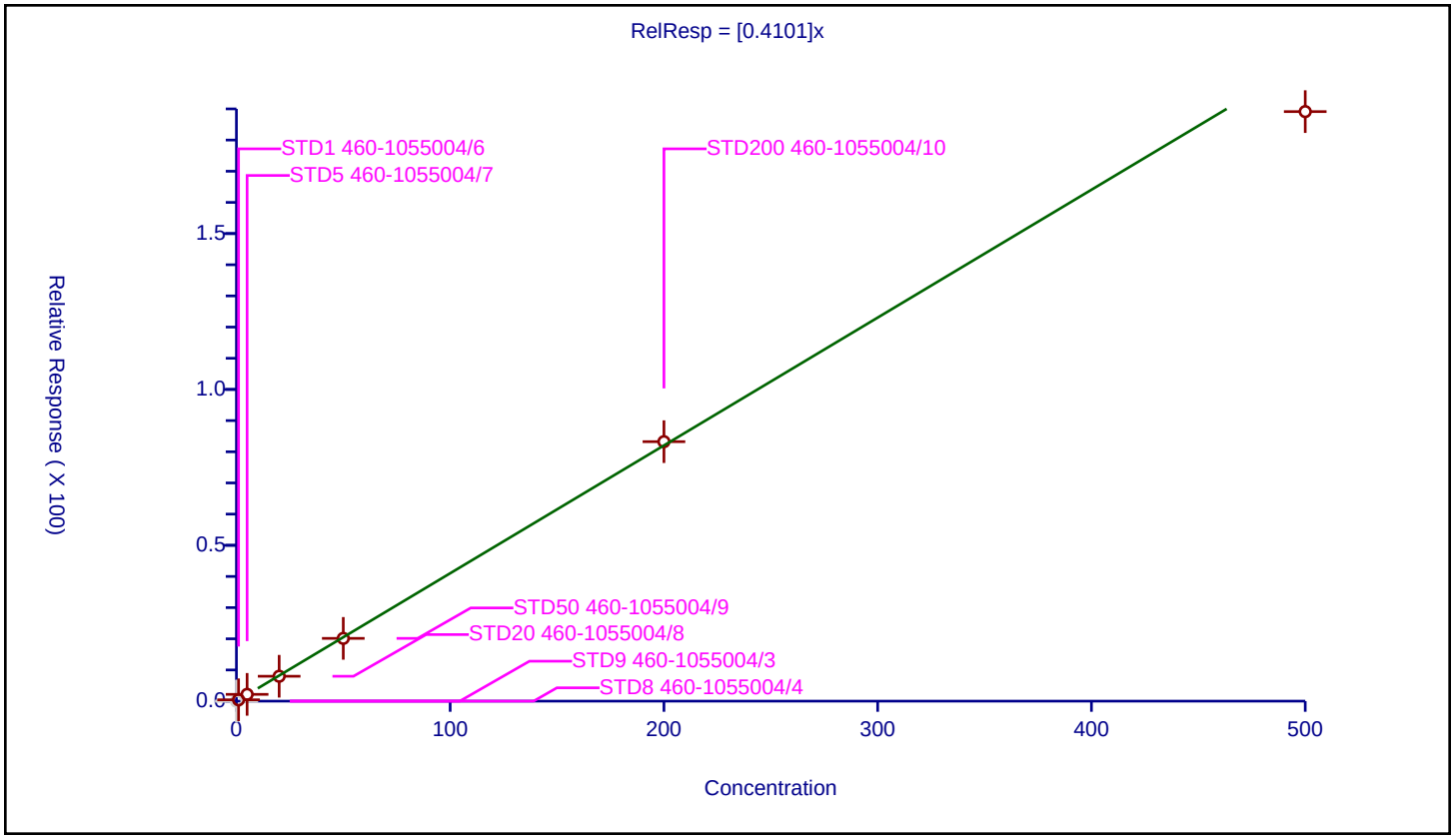
Curve Coefficients

Intercept:	0
Slope:	0.4101

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.429114	50.0	569079.0	0.429114	Y
4	STD5 460-1055004/7	5.0	2.176896	50.0	578553.0	0.435379	Y
5	STD20 460-1055004/8	20.0	7.983155	50.0	579871.0	0.399158	Y
6	STD50 460-1055004/9	50.0	20.135137	50.0	577709.0	0.402703	Y
7	STD200 460-1055004/10	200.0	83.241748	50.0	604717.0	0.416209	Y
8	STD500 460-1055004/11	500.0	189.130754	50.0	618939.0	0.378262	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

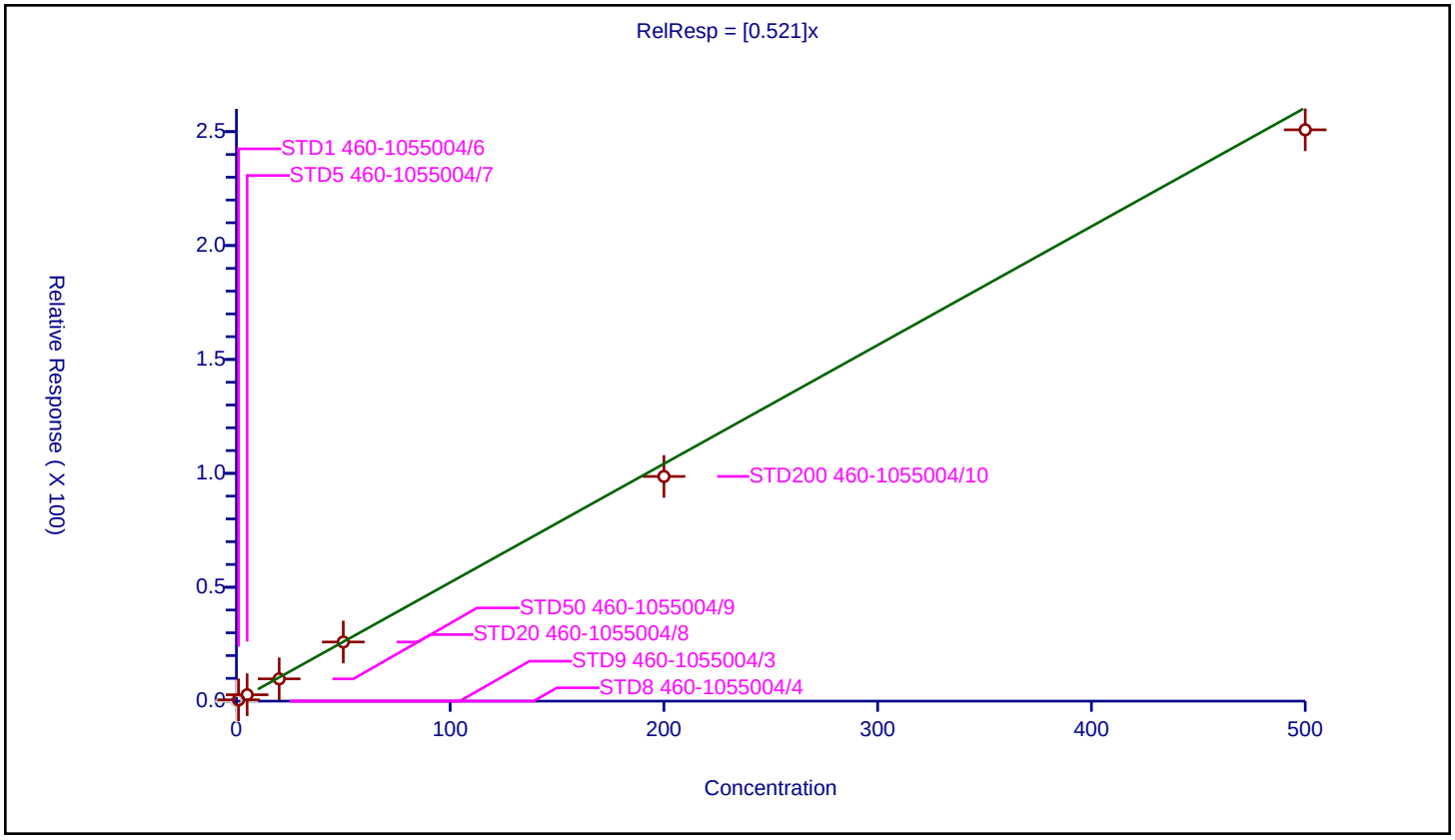
Curve Coefficients

Intercept:	0
Slope:	0.521

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.562576	50.0	569079.0	0.562576	Y
4	STD5 460-1055004/7	5.0	2.802336	50.0	578553.0	0.560467	Y
5	STD20 460-1055004/8	20.0	9.778123	50.0	579871.0	0.488906	Y
6	STD50 460-1055004/9	50.0	25.962552	50.0	577709.0	0.519251	Y
7	STD200 460-1055004/10	200.0	98.638454	50.0	604717.0	0.493192	Y
8	STD500 460-1055004/11	500.0	250.820921	50.0	618939.0	0.501642	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

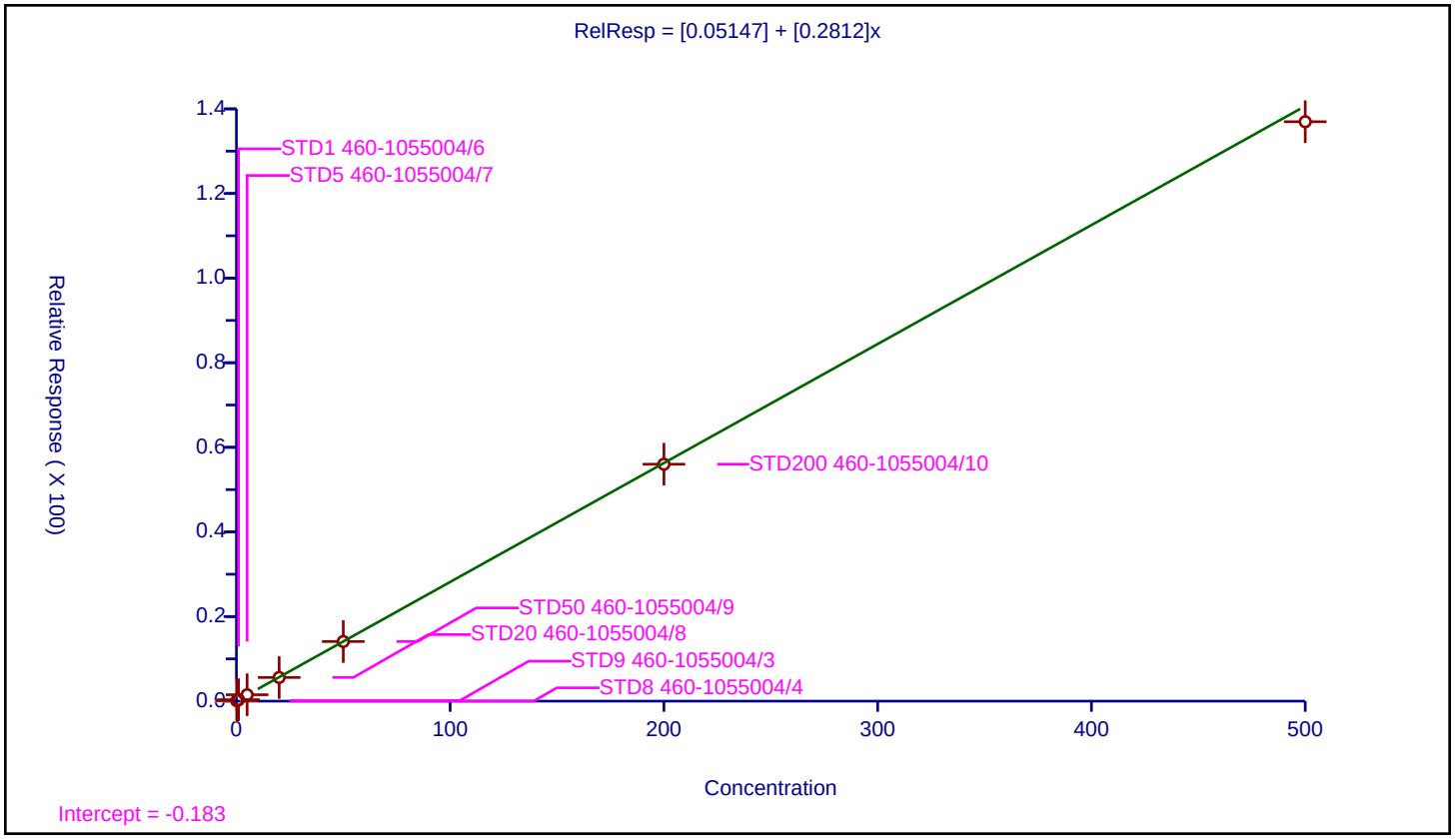
Curve Coefficients

Intercept:	0.05147
Slope:	0.2812

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.107482	50.0	684769.0	0.537408	Y
3	STD1 460-1055004/6	1.0	0.336509	50.0	569079.0	0.336509	Y
4	STD5 460-1055004/7	5.0	1.51153	50.0	578553.0	0.302306	Y
5	STD20 460-1055004/8	20.0	5.592106	50.0	579871.0	0.279605	Y
6	STD50 460-1055004/9	50.0	14.090831	50.0	577709.0	0.281817	Y
7	STD200 460-1055004/10	200.0	56.006777	50.0	604717.0	0.280034	Y
8	STD500 460-1055004/11	500.0	136.964467	50.0	618939.0	0.273929	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

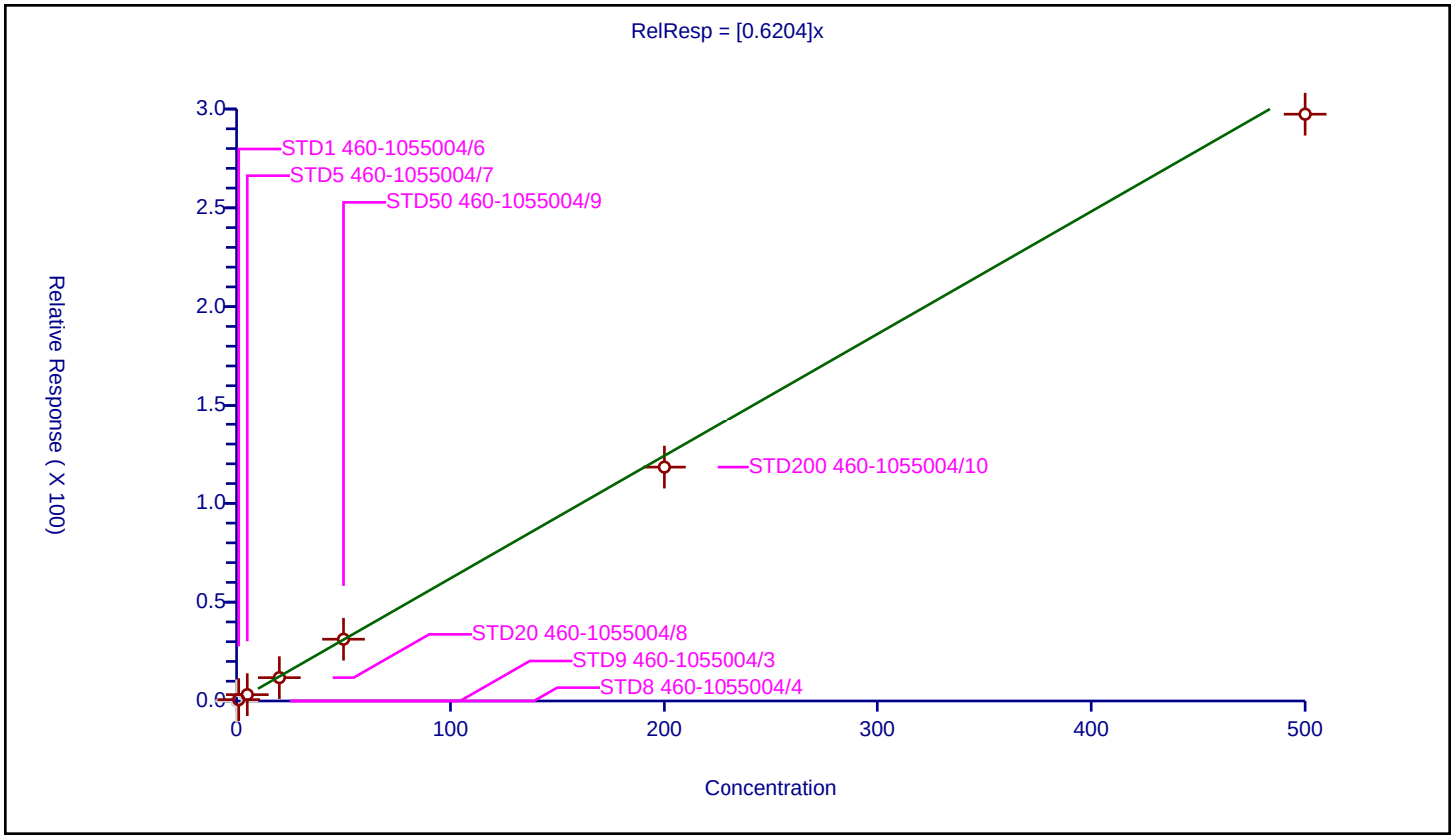
Curve Coefficients

Intercept:	0
Slope:	0.6204

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.679519	50.0	569079.0	0.679519	Y
4	STD5 460-1055004/7	5.0	3.205411	50.0	578553.0	0.641082	Y
5	STD20 460-1055004/8	20.0	11.806074	50.0	579871.0	0.590304	Y
6	STD50 460-1055004/9	50.0	31.249903	50.0	577709.0	0.624998	Y
7	STD200 460-1055004/10	200.0	118.330971	50.0	604717.0	0.591655	Y
8	STD500 460-1055004/11	500.0	297.384233	50.0	618939.0	0.594768	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

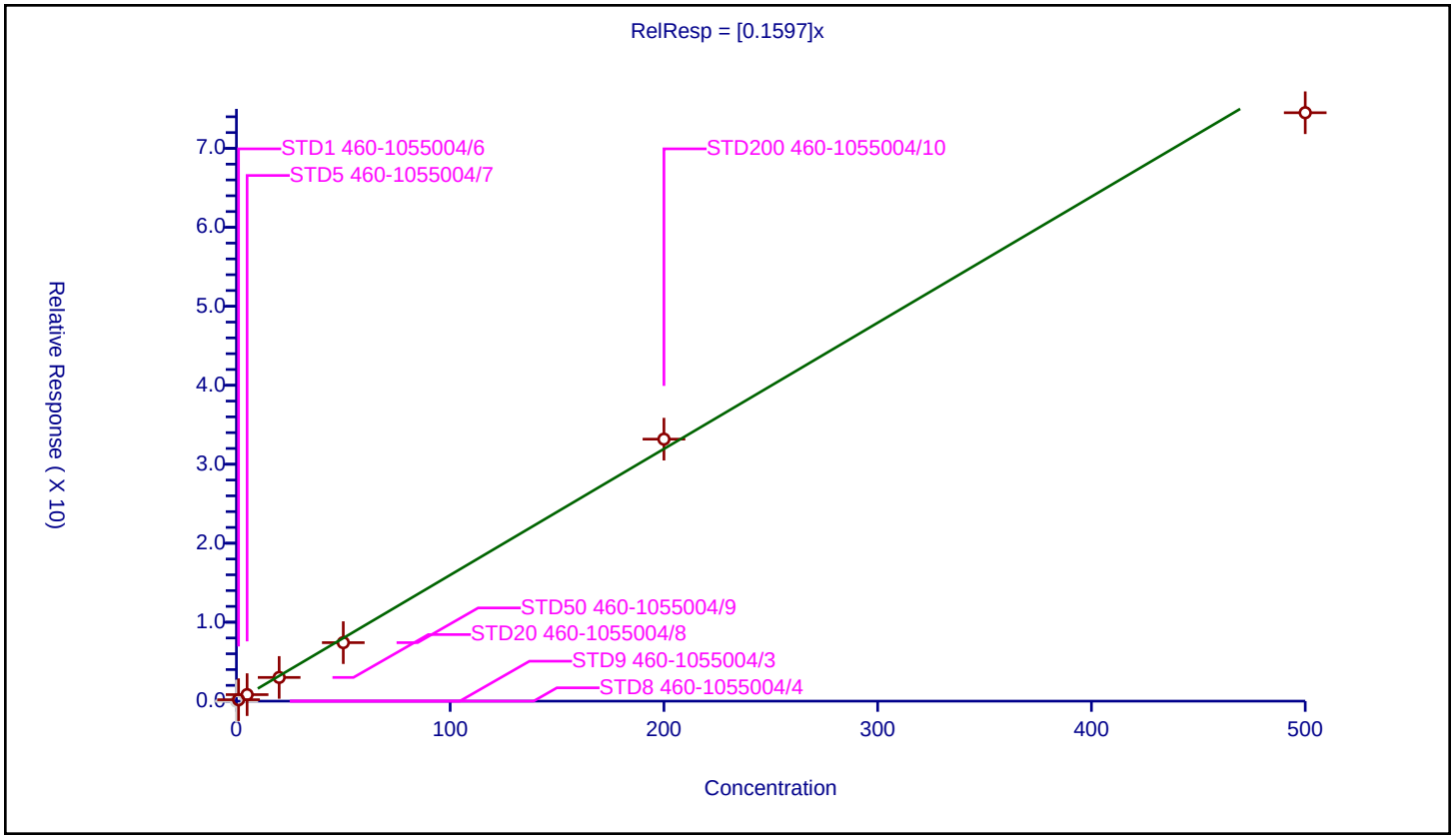
Curve Coefficients

Intercept:	0
Slope:	0.1597

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.180116	50.0	569079.0	0.180116	Y
4	STD5 460-1055004/7	5.0	0.825335	50.0	578553.0	0.165067	Y
5	STD20 460-1055004/8	20.0	3.00015	50.0	579871.0	0.150008	Y
6	STD50 460-1055004/9	50.0	7.409959	50.0	577709.0	0.148199	Y
7	STD200 460-1055004/10	200.0	33.175932	50.0	604717.0	0.16588	Y
8	STD500 460-1055004/11	500.0	74.514855	50.0	618939.0	0.14903	Y



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Calibration / n-Butanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

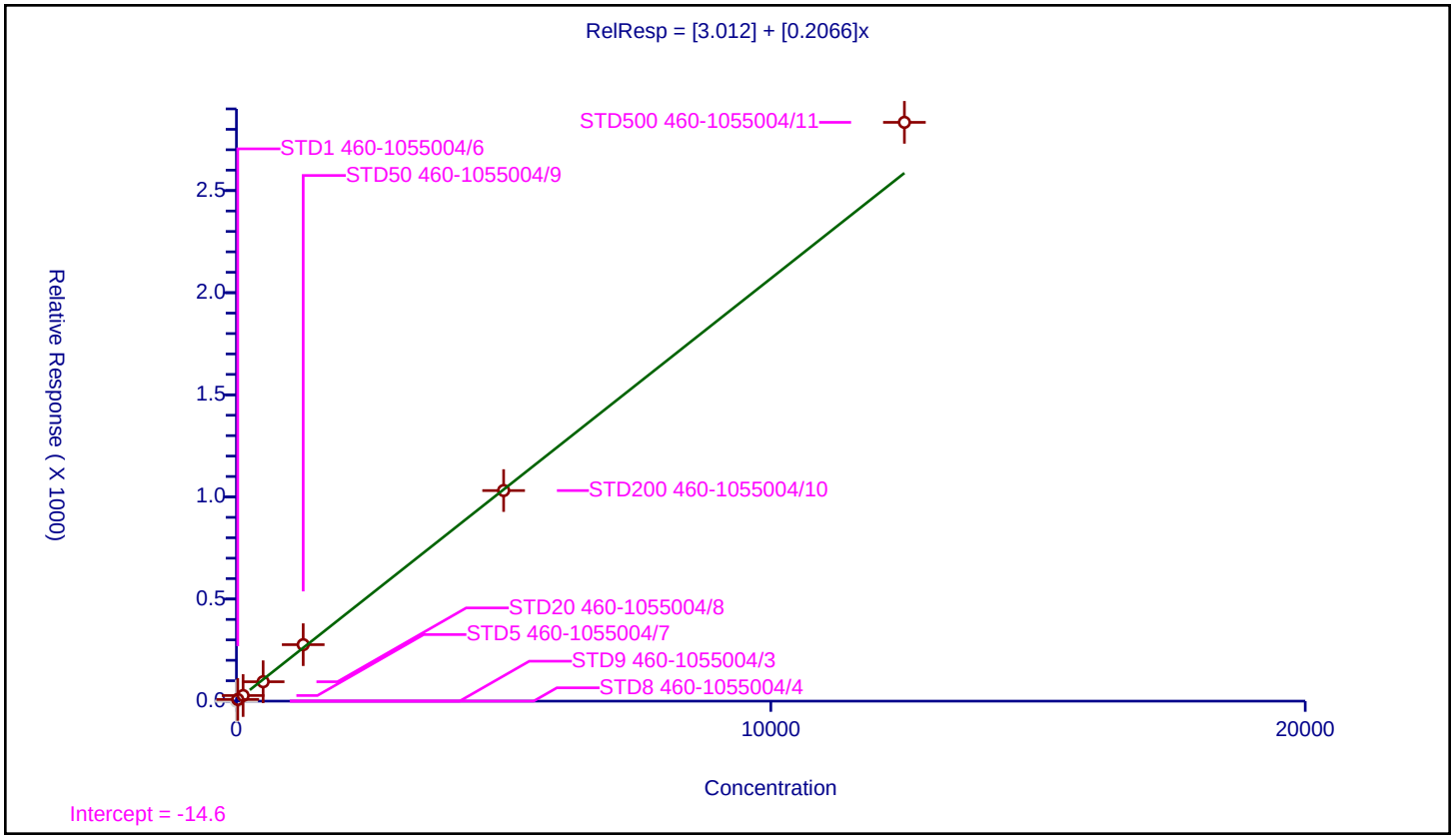
Curve Coefficients

Intercept:	3.012
Slope:	0.2066

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	205151.0	NaN	N
2	STD9 460-1055004/3	5.0	0.0	1000.0	248061.0	0.0	N
3	STD1 460-1055004/6	25.0	8.256307	1000.0	196577.0	0.330252	Y
4	STD5 460-1055004/7	125.0	27.414431	1000.0	197852.0	0.219315	Y
5	STD20 460-1055004/8	500.0	94.970671	1000.0	200146.0	0.189941	Y
6	STD50 460-1055004/9	1250.0	276.511827	1000.0	202834.0	0.221209	Y
7	STD200 460-1055004/10	5000.0	1031.113611	1000.0	206212.0	0.206223	Y
8	STD500 460-1055004/11	12500.0	2834.193211	1000.0	235111.0	0.226735	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

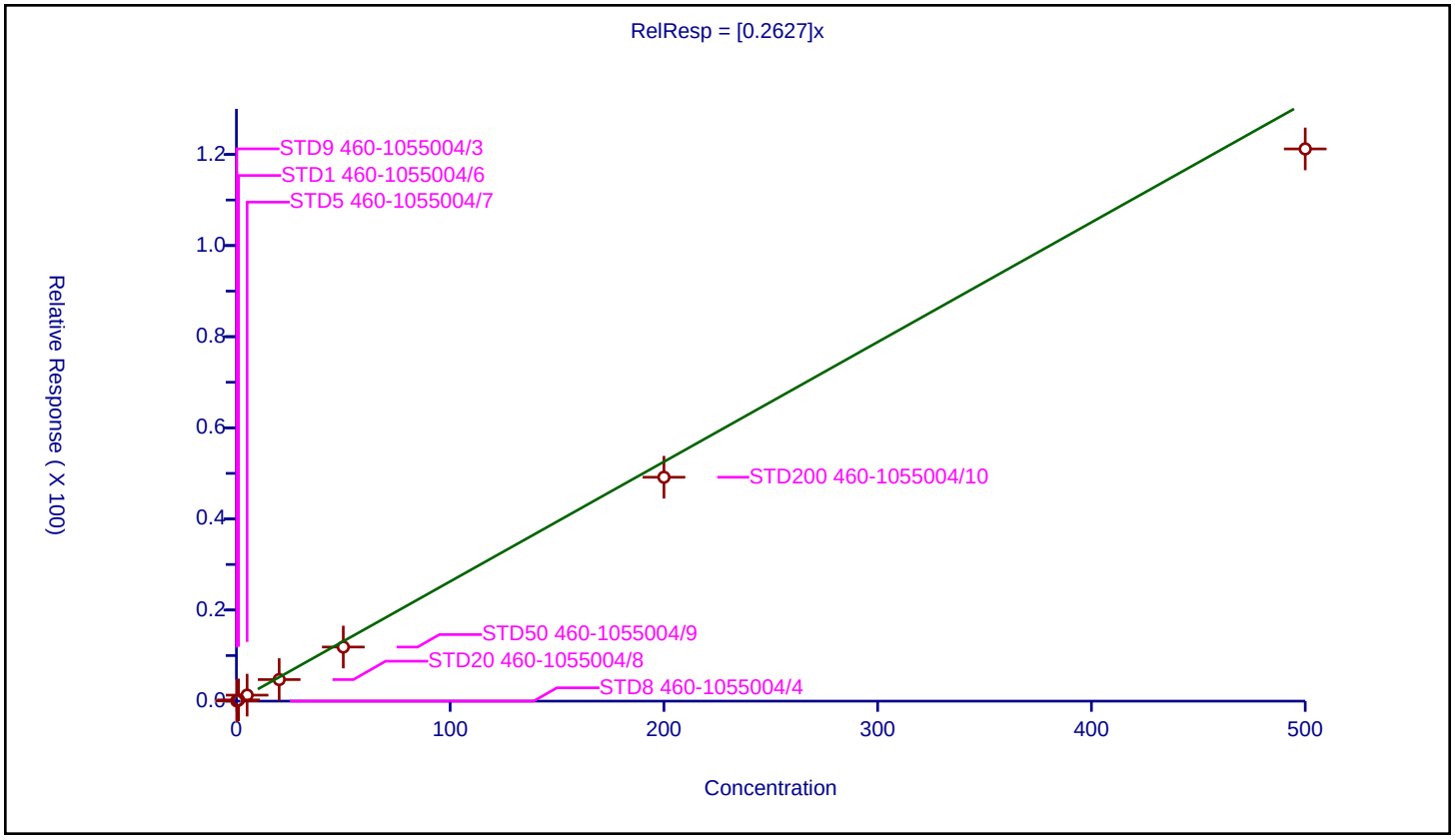
Curve Coefficients

Intercept:	0
Slope:	0.2627

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.06922	50.0	684769.0	0.346102	Y
3	STD1 460-1055004/6	1.0	0.266747	50.0	569079.0	0.266747	Y
4	STD5 460-1055004/7	5.0	1.320536	50.0	578553.0	0.264107	Y
5	STD20 460-1055004/8	20.0	4.731915	50.0	579871.0	0.236596	Y
6	STD50 460-1055004/9	50.0	11.873885	50.0	577709.0	0.237478	Y
7	STD200 460-1055004/10	200.0	49.144972	50.0	604717.0	0.245725	Y
8	STD500 460-1055004/11	500.0	121.215661	50.0	618939.0	0.242431	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

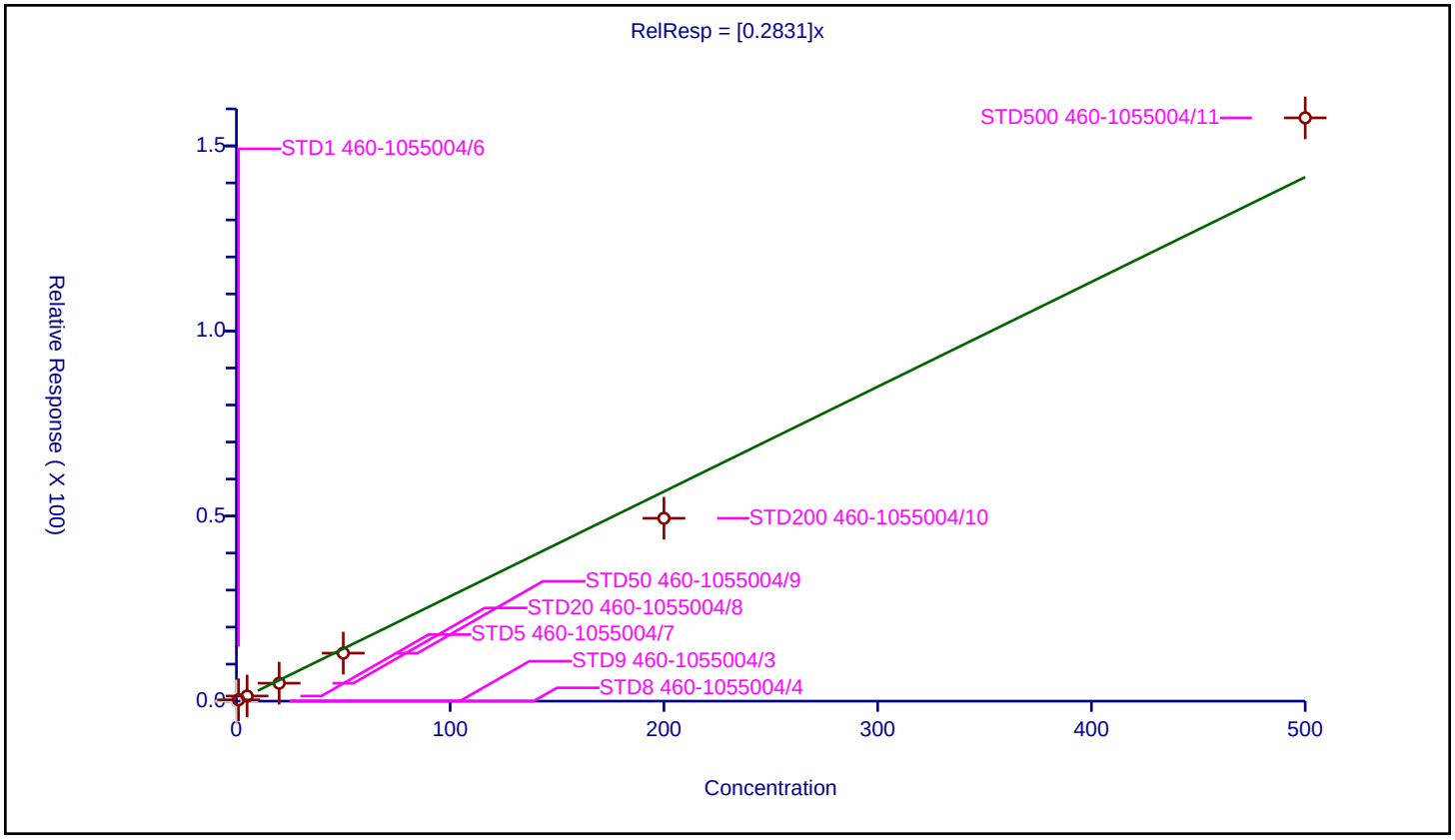
Curve Coefficients

Intercept:	0
Slope:	0.2831

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.35821	50.0	569079.0	0.35821	Y
4	STD5 460-1055004/7	5.0	1.384316	50.0	578553.0	0.276863	Y
5	STD20 460-1055004/8	20.0	4.844612	50.0	579871.0	0.242231	Y
6	STD50 460-1055004/9	50.0	12.968294	50.0	577709.0	0.259366	Y
7	STD200 460-1055004/10	200.0	49.402117	50.0	604717.0	0.247011	Y
8	STD500 460-1055004/11	500.0	157.577564	50.0	618939.0	0.315155	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

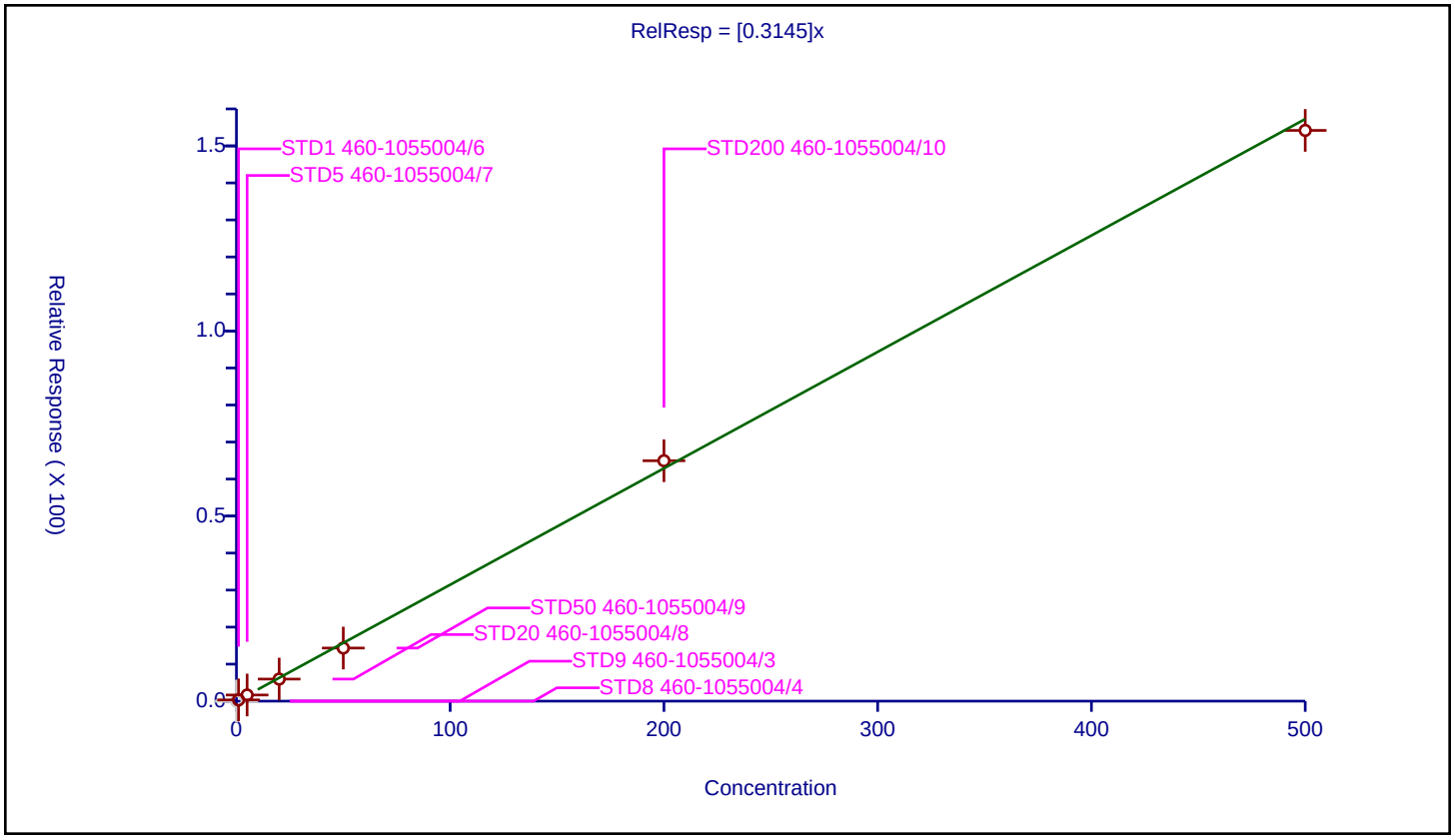
Curve Coefficients

Intercept:	0
Slope:	0.3145

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.337827	50.0	569079.0	0.337827	Y
4	STD5 460-1055004/7	5.0	1.655164	50.0	578553.0	0.331033	Y
5	STD20 460-1055004/8	20.0	5.964602	50.0	579871.0	0.29823	Y
6	STD50 460-1055004/9	50.0	14.343121	50.0	577709.0	0.286862	Y
7	STD200 460-1055004/10	200.0	64.946	50.0	604717.0	0.32473	Y
8	STD500 460-1055004/11	500.0	154.186277	50.0	618939.0	0.308373	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

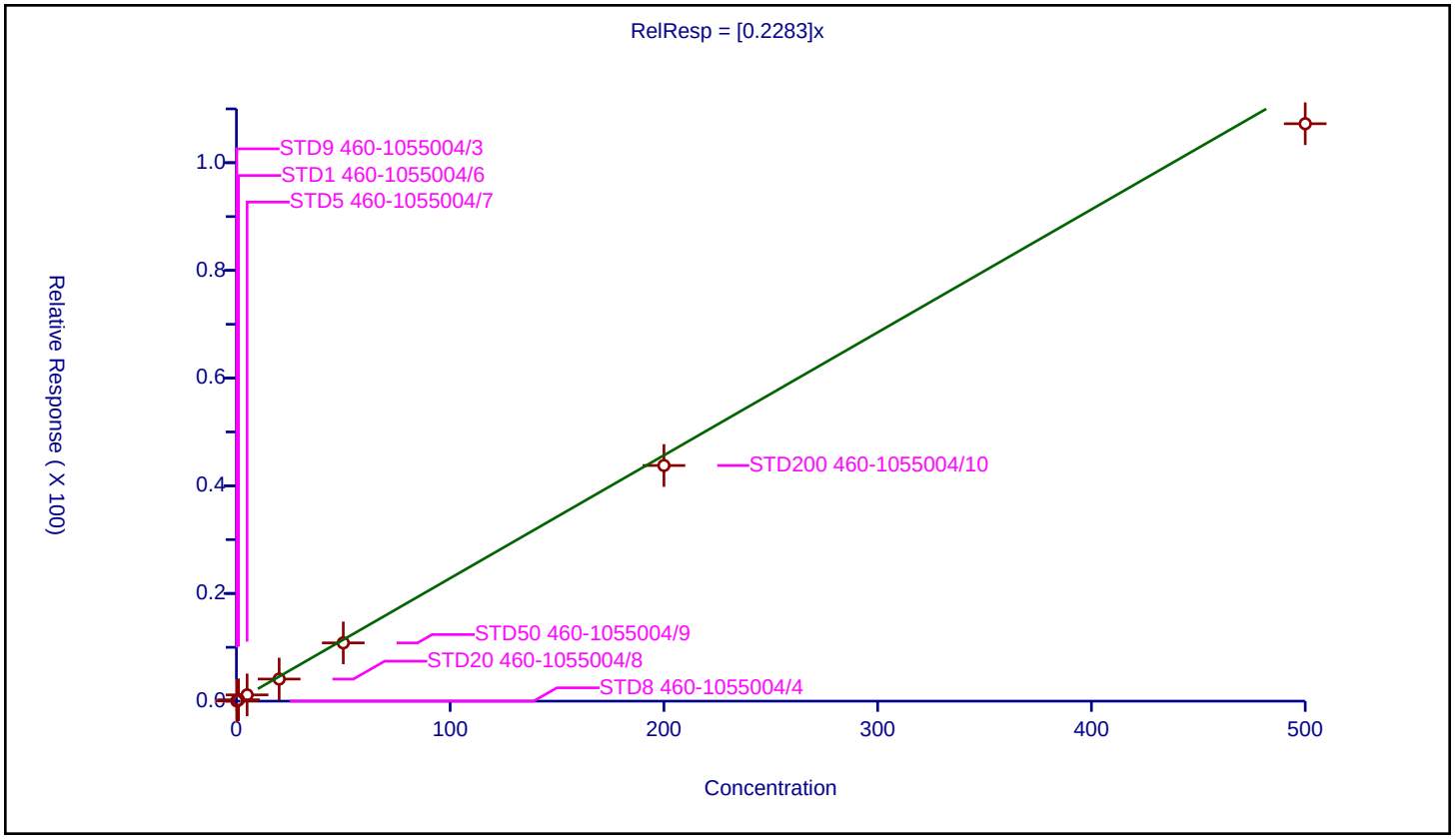
Curve Coefficients

Intercept:	0
Slope:	0.2283

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.051842	50.0	684769.0	0.259212	Y
3	STD1 460-1055004/6	1.0	0.251371	50.0	569079.0	0.251371	Y
4	STD5 460-1055004/7	5.0	1.164111	50.0	578553.0	0.232822	Y
5	STD20 460-1055004/8	20.0	4.101602	50.0	579871.0	0.20508	Y
6	STD50 460-1055004/9	50.0	10.821625	50.0	577709.0	0.216432	Y
7	STD200 460-1055004/10	200.0	43.766423	50.0	604717.0	0.218832	Y
8	STD500 460-1055004/11	500.0	107.245868	50.0	618939.0	0.214492	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

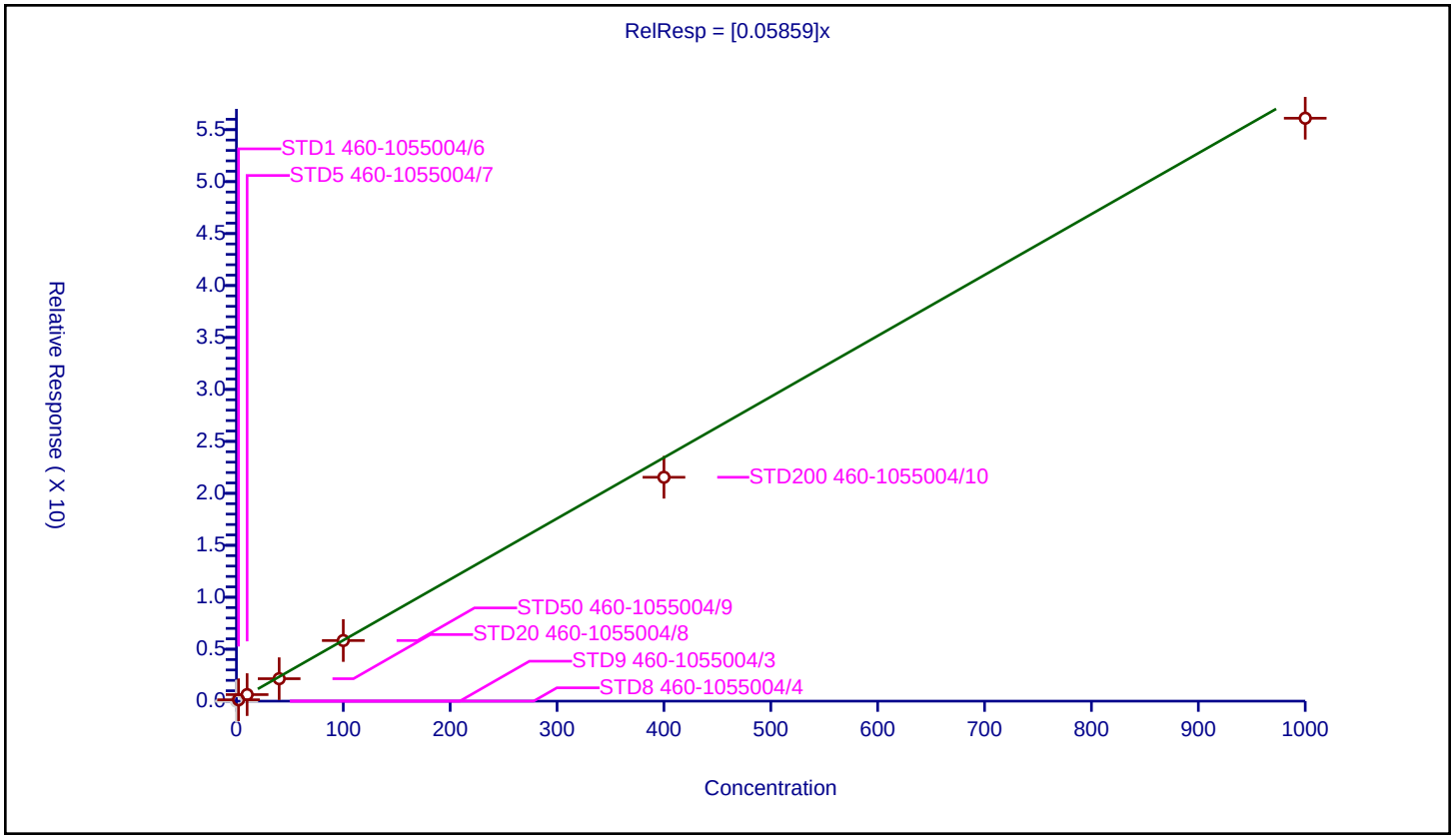
Curve Coefficients

Intercept:	0
Slope:	0.05859

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	2.0	0.132671	50.0	569079.0	0.066335	Y
4	STD5 460-1055004/7	10.0	0.628983	50.0	578553.0	0.062898	Y
5	STD20 460-1055004/8	40.0	2.160739	50.0	579871.0	0.054018	Y
6	STD50 460-1055004/9	100.0	5.833733	50.0	577709.0	0.058337	Y
7	STD200 460-1055004/10	400.0	21.545616	50.0	604717.0	0.053864	Y
8	STD500 460-1055004/11	1000.0	56.102944	50.0	618939.0	0.056103	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

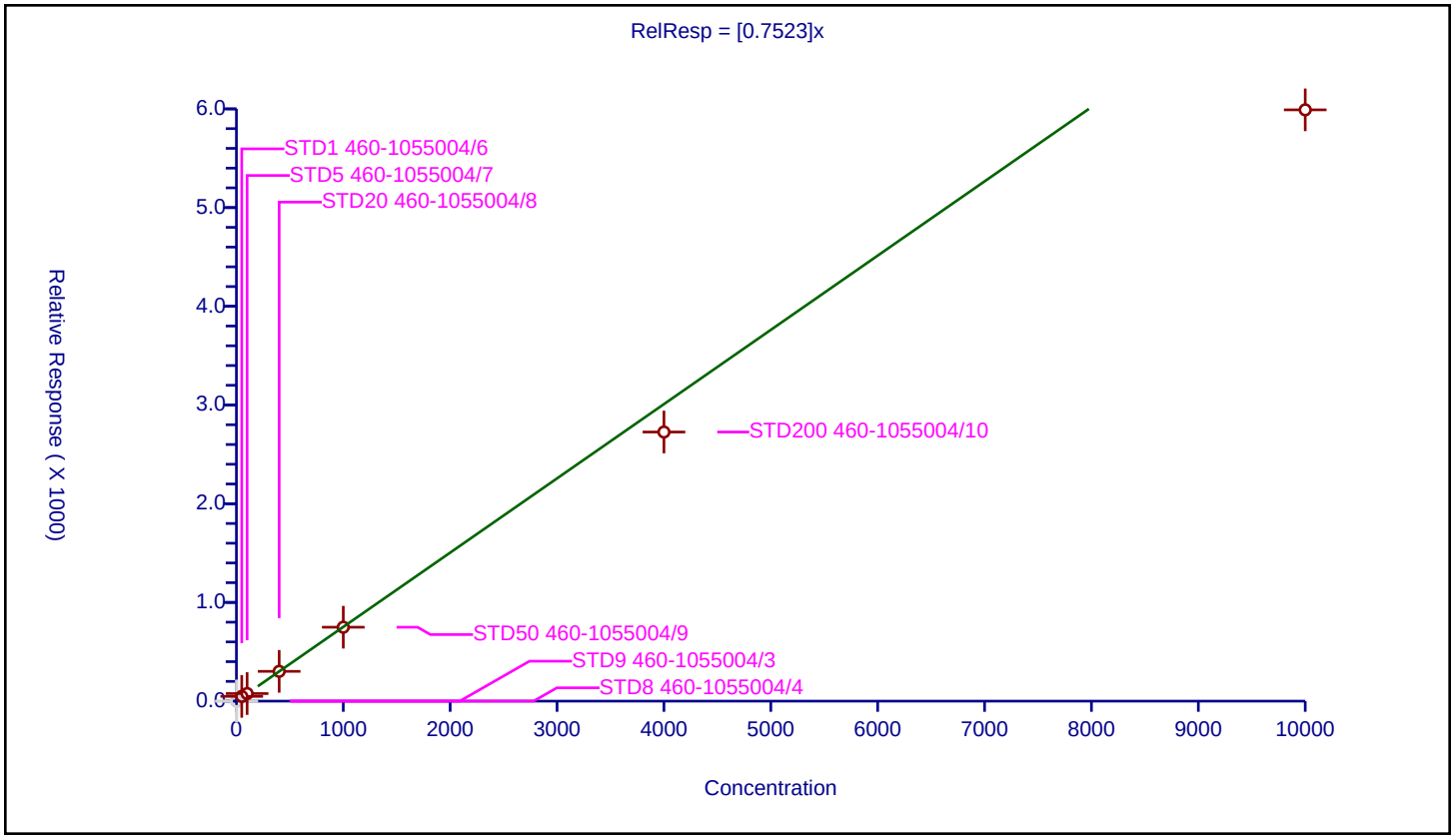
Curve Coefficients

Intercept:	0
Slope:	0.7523

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	1000.0	27745.0	NaN	N
2	STD9 460-1055004/3	4.0	0.0	1000.0	35951.0	0.0	N
3	STD1 460-1055004/6	50.0	48.109549	1000.0	24756.0	0.962191	Y
4	STD5 460-1055004/7	100.0	76.736552	1000.0	26806.0	0.767366	Y
5	STD20 460-1055004/8	400.0	301.767021	1000.0	26938.0	0.754418	Y
6	STD50 460-1055004/9	1000.0	748.899632	1000.0	27718.0	0.7489	Y
7	STD200 460-1055004/10	4000.0	2726.38282	1000.0	29523.0	0.681596	Y
8	STD500 460-1055004/11	10000.0	5990.389505	1000.0	39332.0	0.599039	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

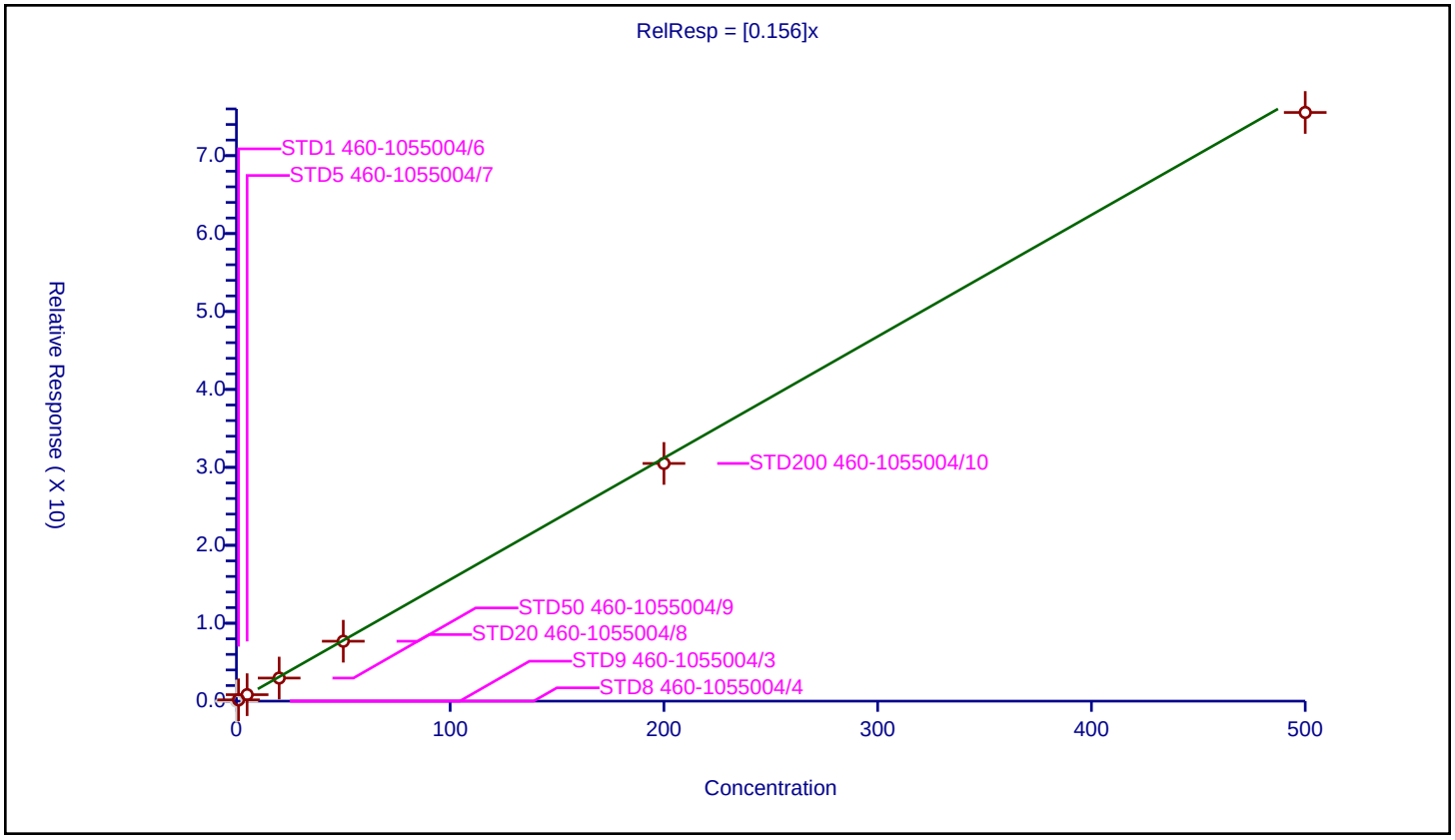
Curve Coefficients

Intercept:	0
Slope:	0.156

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.165003	50.0	569079.0	0.165003	Y
4	STD5 460-1055004/7	5.0	0.82715	50.0	578553.0	0.16543	Y
5	STD20 460-1055004/8	20.0	2.961435	50.0	579871.0	0.148072	Y
6	STD50 460-1055004/9	50.0	7.687434	50.0	577709.0	0.153749	Y
7	STD200 460-1055004/10	200.0	30.500631	50.0	604717.0	0.152503	Y
8	STD500 460-1055004/11	500.0	75.541774	50.0	618939.0	0.151084	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

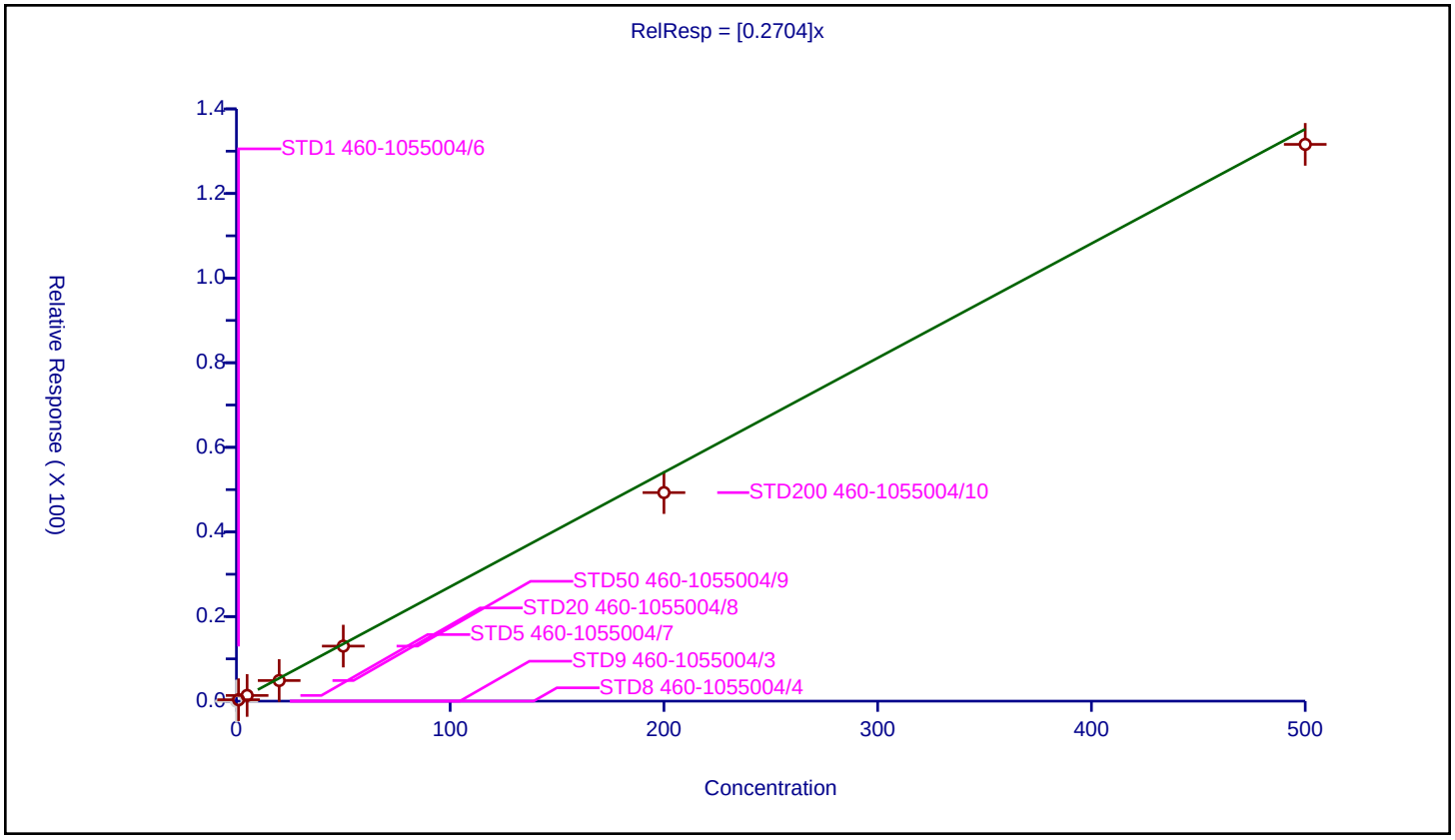
Curve Coefficients

Intercept:	0
Slope:	0.2704

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0	0.33976	50.0	569079.0	0.33976	Y
4	STD5 460-1055004/7	5.0	1.346463	50.0	578553.0	0.269293	Y
5	STD20 460-1055004/8	20.0	4.868755	50.0	579871.0	0.243438	Y
6	STD50 460-1055004/9	50.0	13.013645	50.0	577709.0	0.260273	Y
7	STD200 460-1055004/10	200.0	49.297357	50.0	604717.0	0.246487	Y
8	STD500 460-1055004/11	500.0	131.616605	50.0	618939.0	0.263233	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

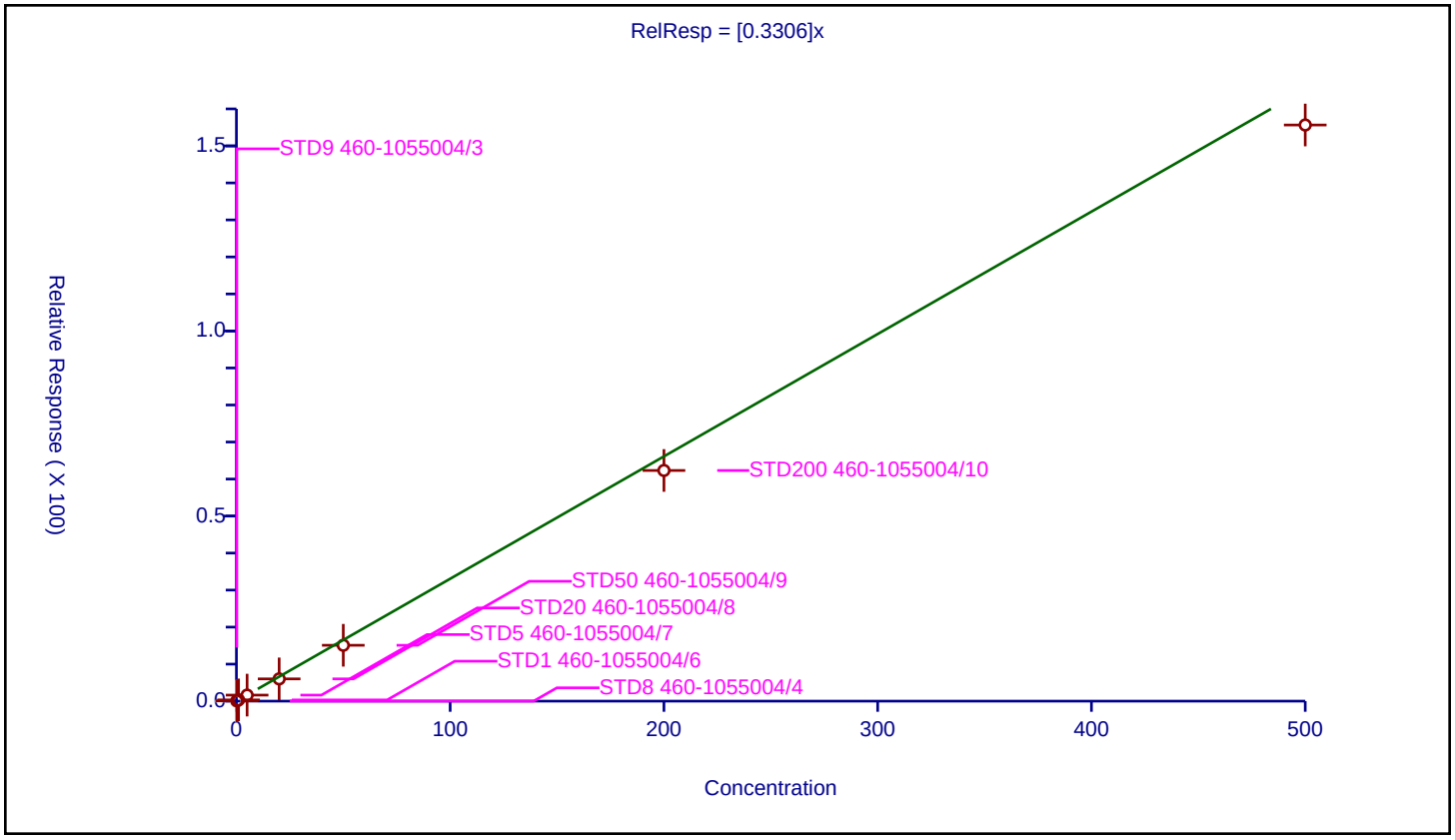
Curve Coefficients

Intercept:	0
Slope:	0.3306

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.2	0.087694	50.0	684769.0	0.438469	Y
3	STD1 460-1055004/6	1.0	0.324384	50.0	569079.0	0.324384	Y
4	STD5 460-1055004/7	5.0	1.629324	50.0	578553.0	0.325865	Y
5	STD20 460-1055004/8	20.0	6.014527	50.0	579871.0	0.300726	Y
6	STD50 460-1055004/9	50.0	15.093066	50.0	577709.0	0.301861	Y
7	STD200 460-1055004/10	200.0	62.312784	50.0	604717.0	0.311564	Y
8	STD500 460-1055004/11	500.0	155.647568	50.0	618939.0	0.311295	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

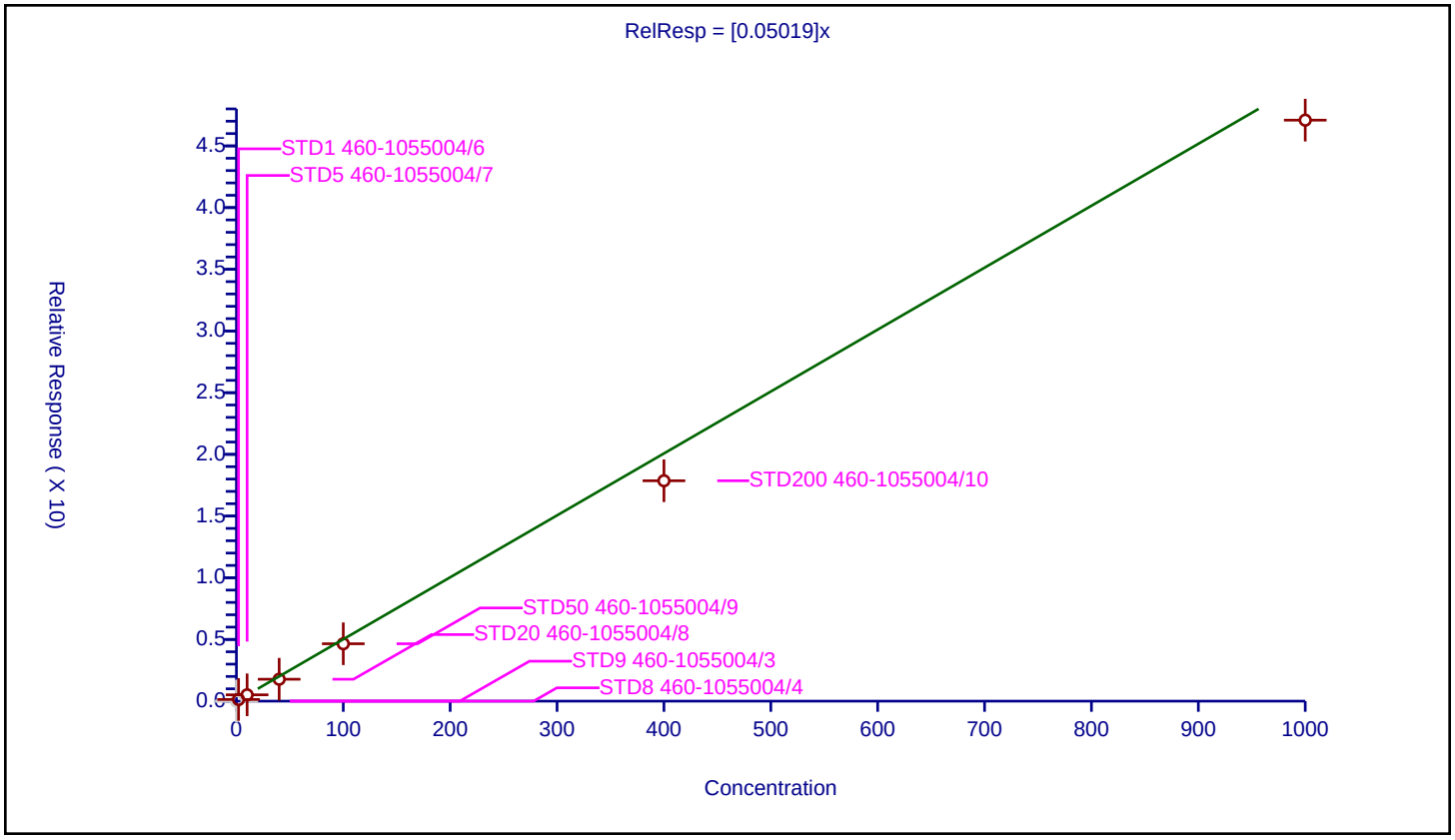
Curve Coefficients

Intercept:	0
Slope:	0.05019

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.4	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	2.0	0.13434	50.0	569079.0	0.06717	Y
4	STD5 460-1055004/7	10.0	0.513263	50.0	578553.0	0.051326	Y
5	STD20 460-1055004/8	40.0	1.775567	50.0	579871.0	0.044389	Y
6	STD50 460-1055004/9	100.0	4.650092	50.0	577709.0	0.046501	Y
7	STD200 460-1055004/10	400.0	17.860503	50.0	604717.0	0.044651	Y
8	STD500 460-1055004/11	1000.0	47.086546	50.0	618939.0	0.047087	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

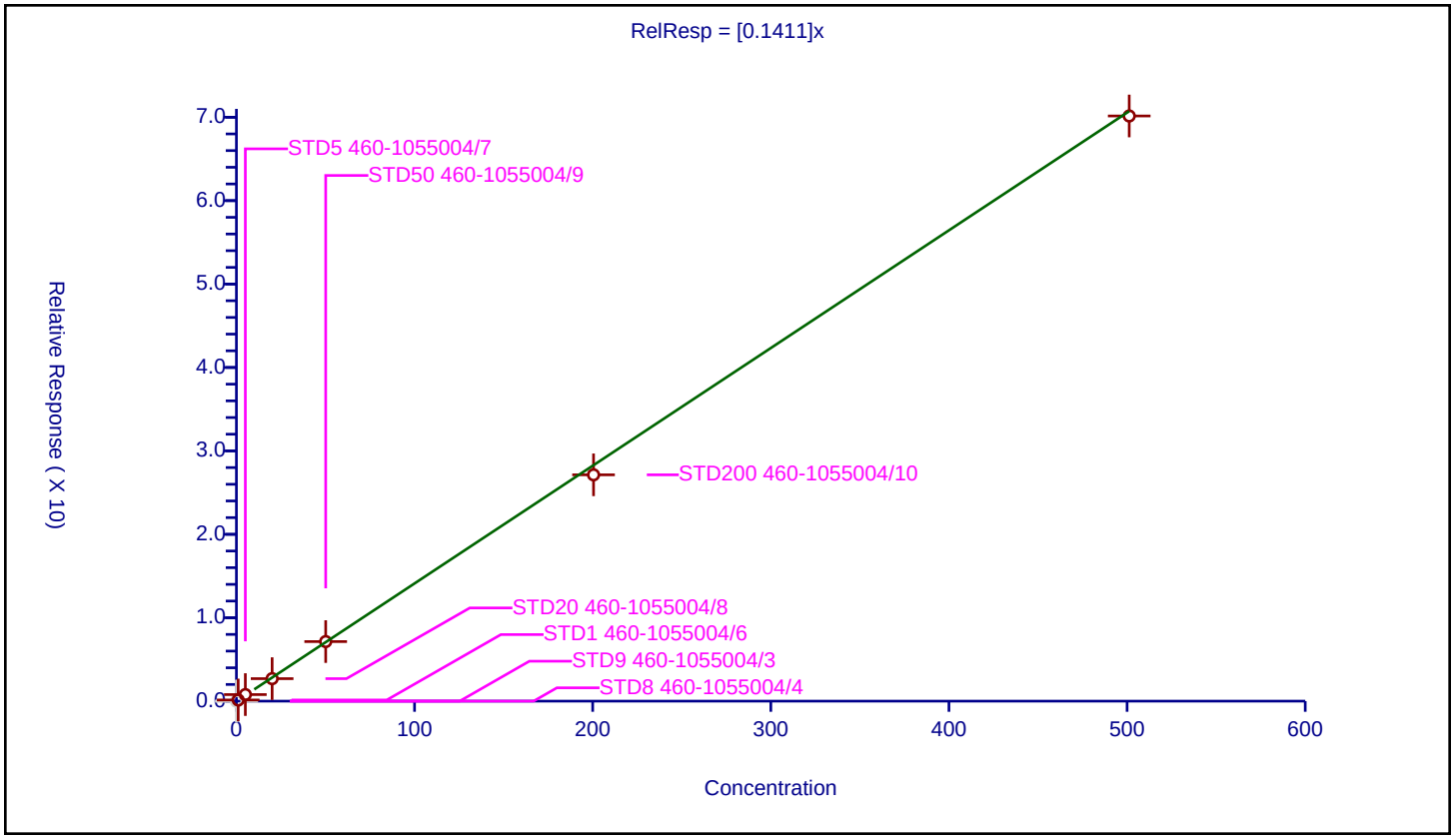
Curve Coefficients

Intercept:	0
Slope:	0.1411

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	577755.0	NaN	N
2	STD9 460-1055004/3	0.20048	0.0	50.0	684769.0	0.0	N
3	STD1 460-1055004/6	1.0024	0.137854	50.0	569079.0	0.137524	Y
4	STD5 460-1055004/7	5.012	0.785926	50.0	578553.0	0.156809	Y
5	STD20 460-1055004/8	20.048	2.696807	50.0	579871.0	0.134517	Y
6	STD50 460-1055004/9	50.12	7.141571	50.0	577709.0	0.142489	Y
7	STD200 460-1055004/10	200.48	27.13079	50.0	604717.0	0.135329	Y
8	STD500 460-1055004/11	501.2	70.150451	50.0	618939.0	0.139965	Y



Calibration / Epichlorohydrin

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

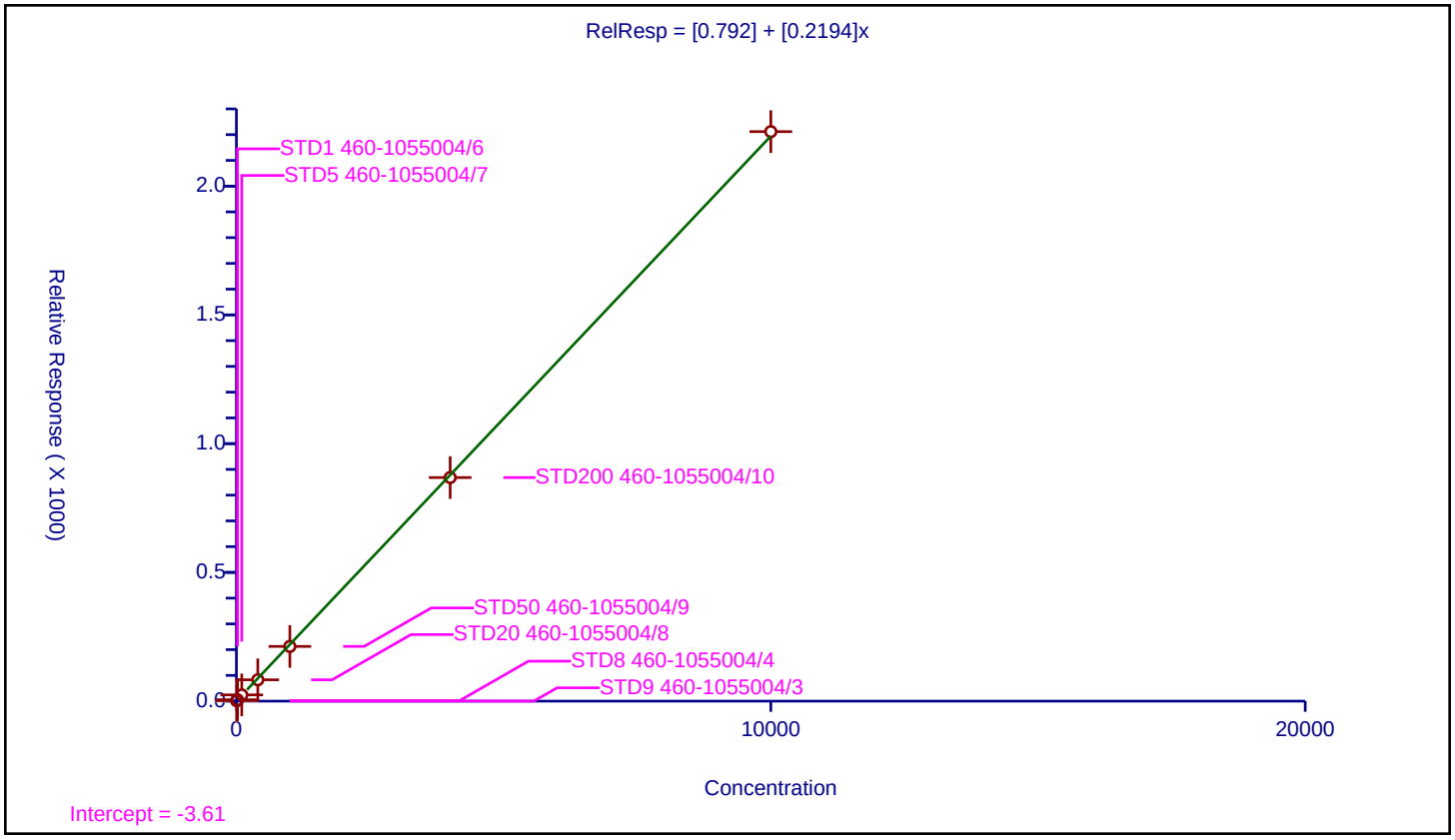
Curve Coefficients

Intercept:	0.792
Slope:	0.2194

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	4.000007	0.0	250.0	277335.0	0.0	N
2	STD8 460-1055004/4	5.000009	1.872696	250.0	227880.0	0.374539	Y
3	STD1 460-1055004/6	20.000035	5.393636	250.0	223087.0	0.269681	Y
4	STD5 460-1055004/7	100.000173	24.241488	250.0	220201.0	0.242414	Y
5	STD20 460-1055004/8	400.000692	82.860788	250.0	222201.0	0.207152	Y
6	STD50 460-1055004/9	1000.00173	212.453985	250.0	228999.0	0.212454	Y
7	STD200 460-1055004/10	4000.00692	868.308119	250.0	226263.0	0.217077	Y
8	STD500 460-1055004/11	10000.0173	2211.623466	250.0	241391.0	0.221162	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

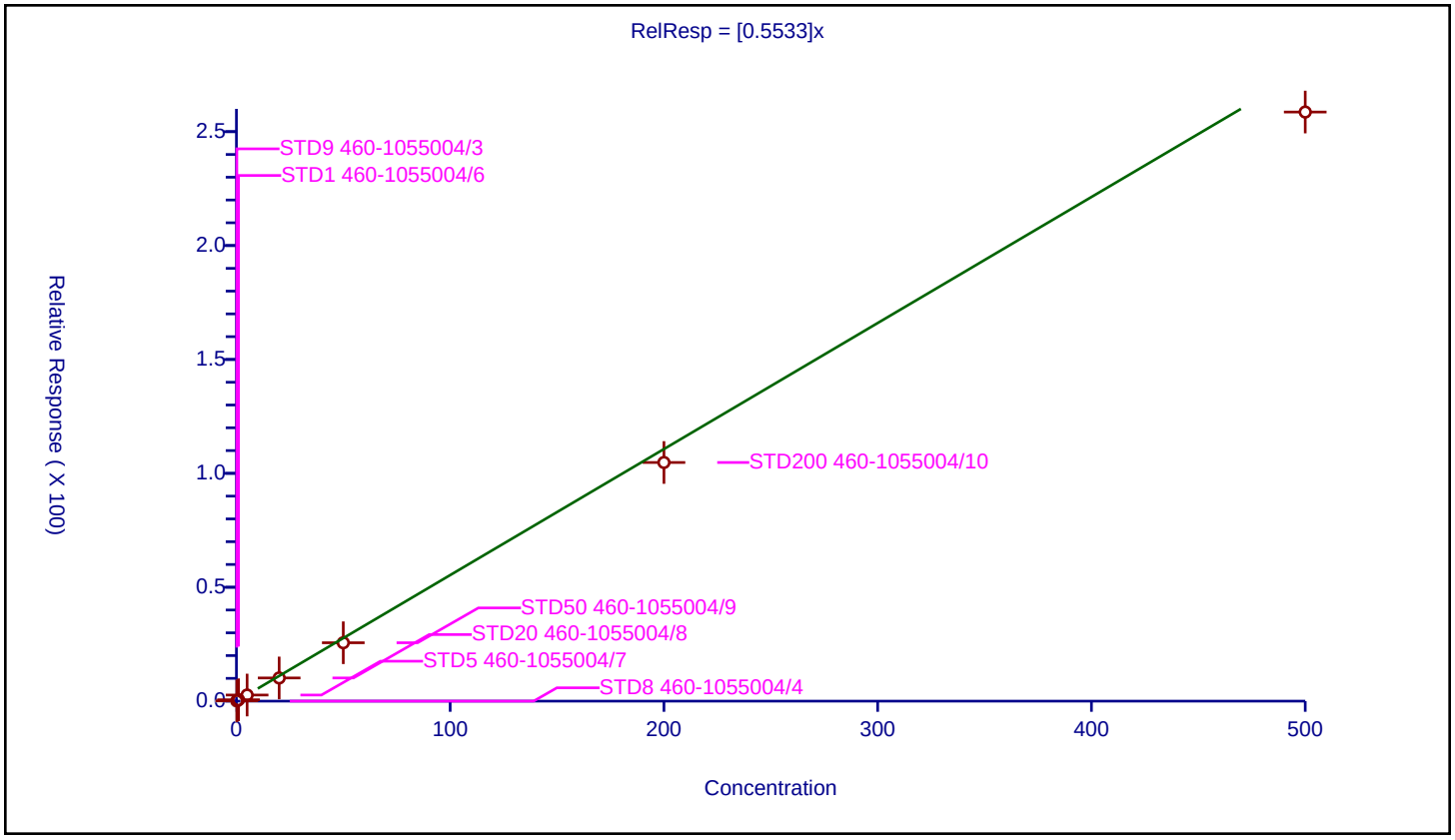
Curve Coefficients

Intercept:	0
Slope:	0.5533

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.134547	50.0	505771.0	0.672735	Y
3	STD1 460-1055004/6	1.0	0.601133	50.0	423617.0	0.601133	Y
4	STD5 460-1055004/7	5.0	2.681682	50.0	428015.0	0.536336	Y
5	STD20 460-1055004/8	20.0	10.180618	50.0	431187.0	0.509031	Y
6	STD50 460-1055004/9	50.0	25.636267	50.0	430794.0	0.512725	Y
7	STD200 460-1055004/10	200.0	104.772924	50.0	447713.0	0.523865	Y
8	STD500 460-1055004/11	500.0	258.616012	50.0	459267.0	0.517232	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

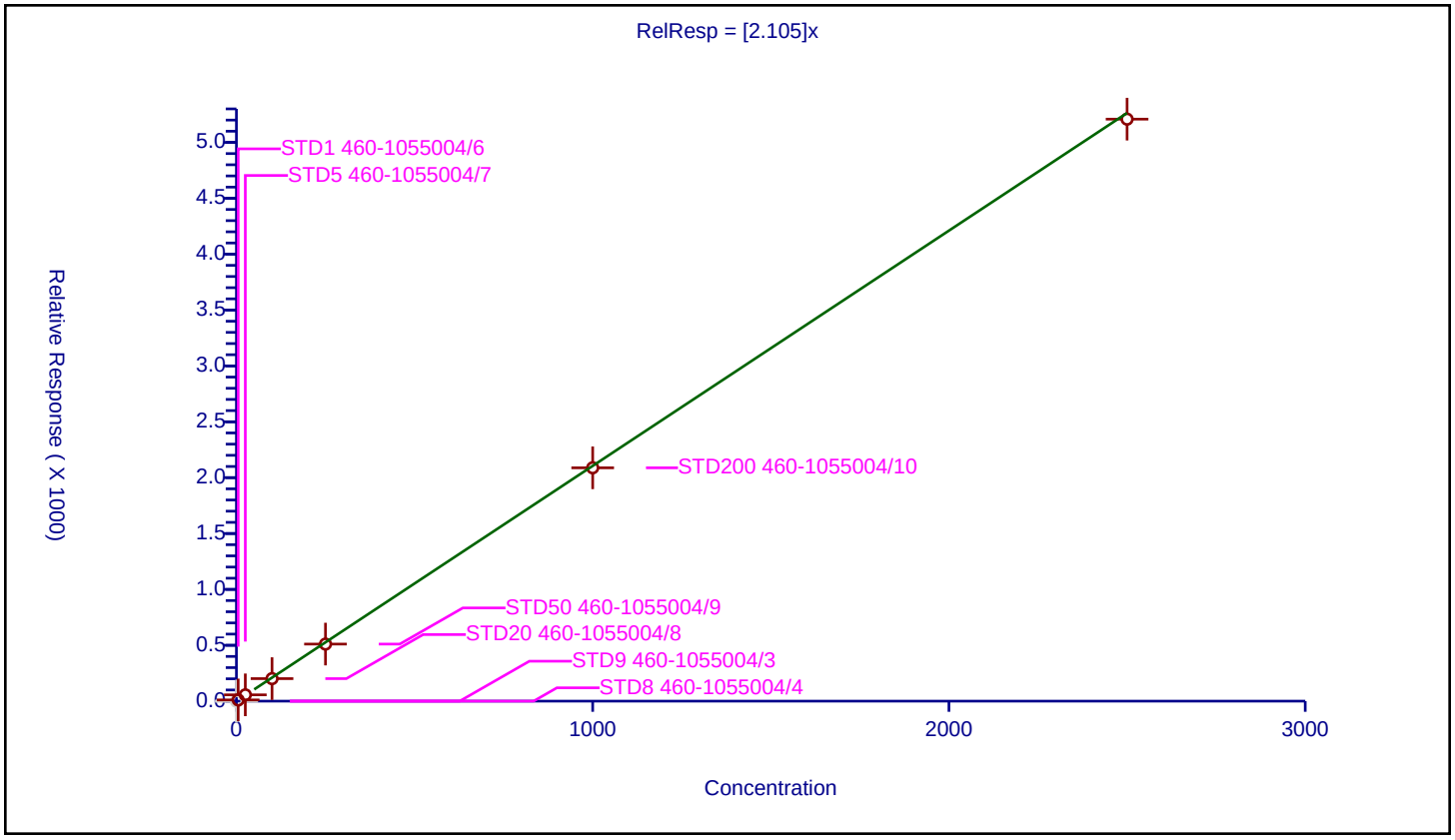
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	1.0	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	5.0	10.726757	250.0	223087.0	2.145351	Y
4	STD5 460-1055004/7	25.0	56.434803	250.0	220201.0	2.257392	Y
5	STD20 460-1055004/8	100.0	201.498868	250.0	222201.0	2.014989	Y
6	STD50 460-1055004/9	250.0	510.635418	250.0	228999.0	2.042542	Y
7	STD200 460-1055004/10	1000.0	2088.146316	250.0	226263.0	2.088146	Y
8	STD500 460-1055004/11	2500.0	5208.166419	250.0	241391.0	2.083267	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

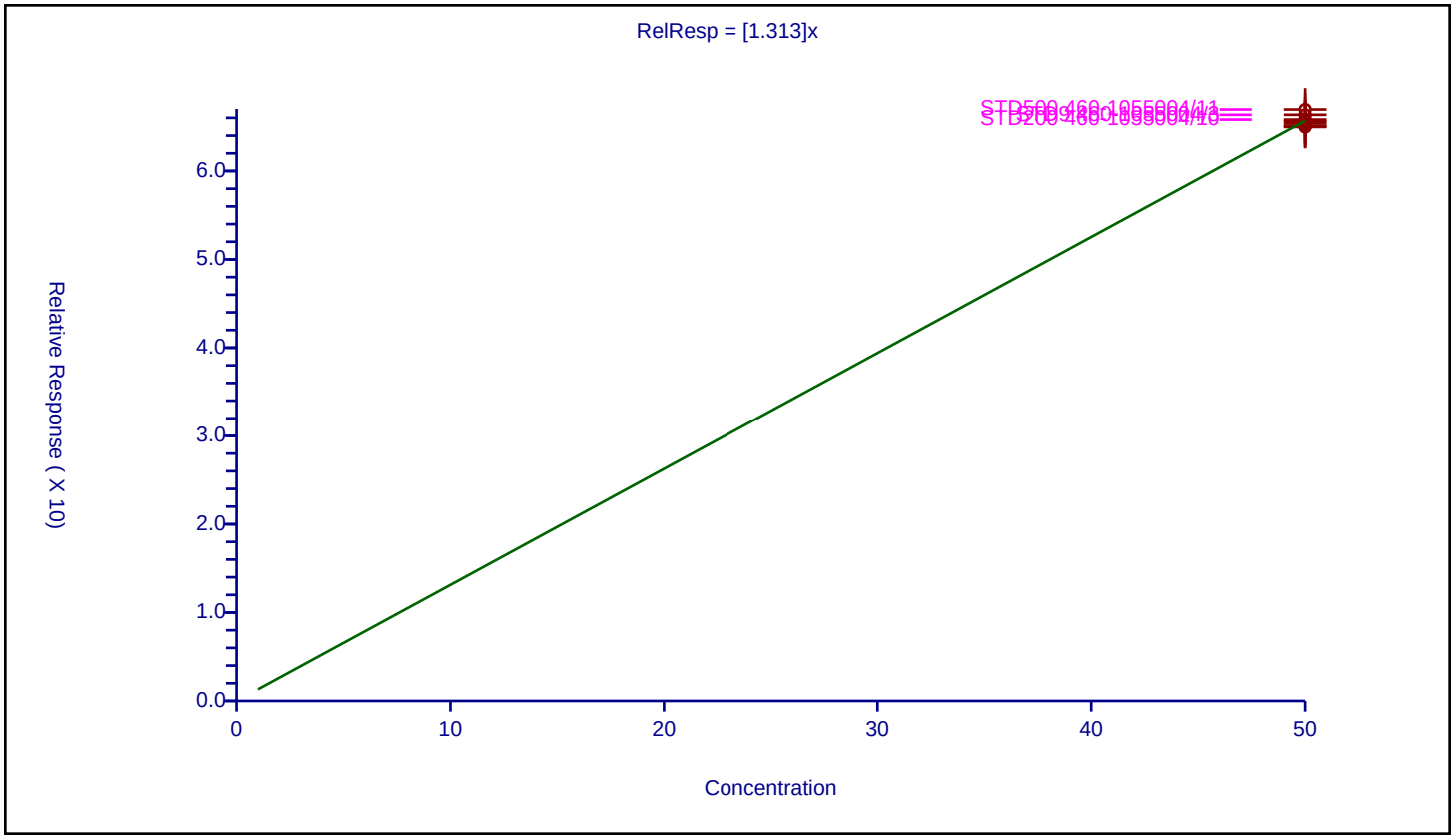
Curve Coefficients

Intercept:	0
Slope:	1.313

Error Coefficients

Relative Standard Deviation:	1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	50.0	66.344551	50.0	505771.0	1.326891	Y
2	STD8 460-1055004/4	50.0	65.440397	50.0	427285.0	1.308808	Y
3	STD1 460-1055004/6	50.0	64.977326	50.0	423617.0	1.299547	Y
4	STD5 460-1055004/7	50.0	65.136969	50.0	428015.0	1.302739	Y
5	STD20 460-1055004/8	50.0	65.048575	50.0	431187.0	1.300972	Y
6	STD50 460-1055004/9	50.0	65.637869	50.0	430794.0	1.312757	Y
7	STD200 460-1055004/10	50.0	65.807895	50.0	447713.0	1.316158	Y
8	STD500 460-1055004/11	50.0	66.940581	50.0	459267.0	1.338812	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

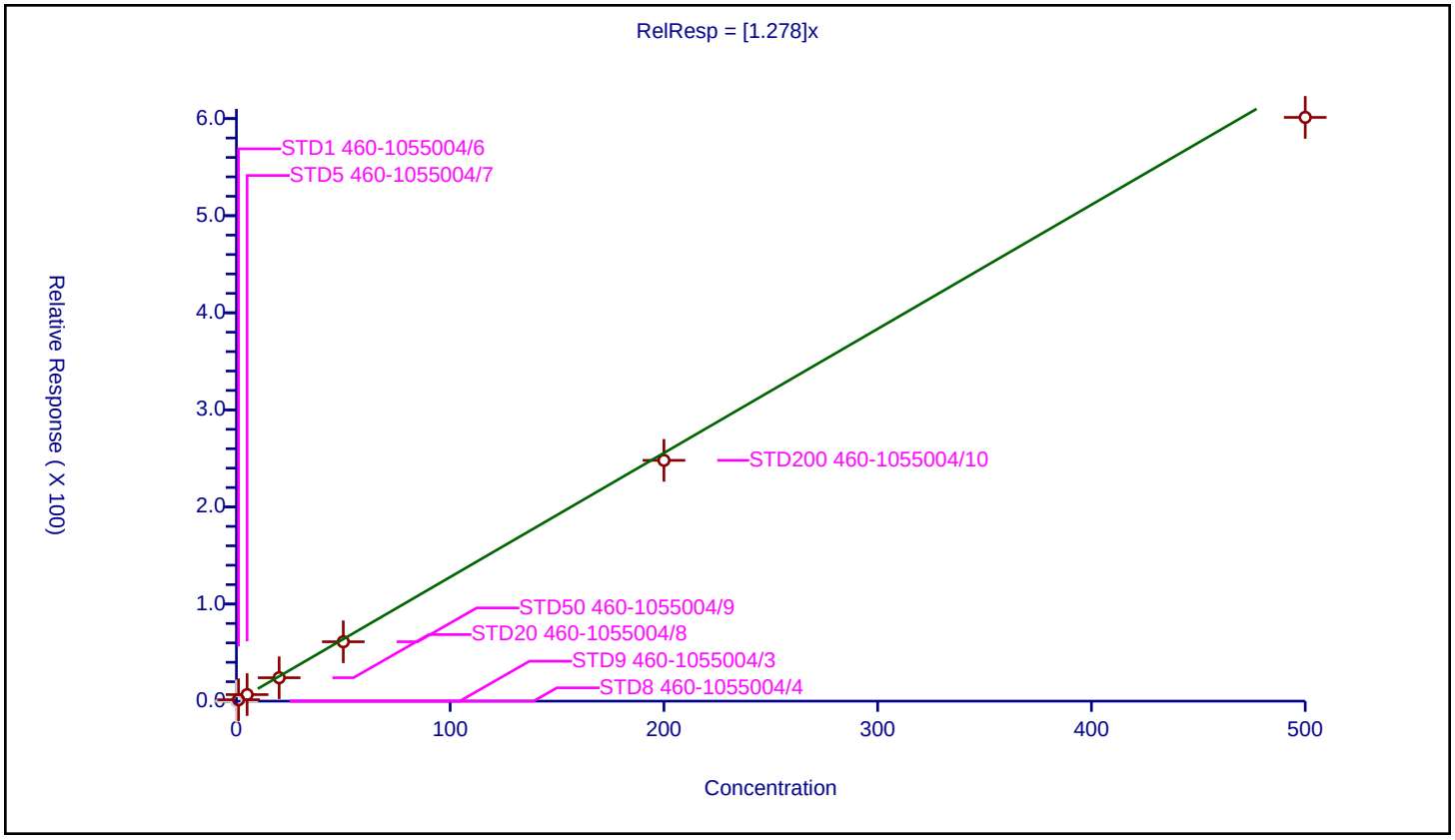
Curve Coefficients

Intercept:	0
Slope:	1.278

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	1.452491	50.0	423617.0	1.452491	Y
4	STD5 460-1055004/7	5.0	6.729203	50.0	428015.0	1.345841	Y
5	STD20 460-1055004/8	20.0	24.102304	50.0	431187.0	1.205115	Y
6	STD50 460-1055004/9	50.0	61.147672	50.0	430794.0	1.222953	Y
7	STD200 460-1055004/10	200.0	248.001063	50.0	447713.0	1.240005	Y
8	STD500 460-1055004/11	500.0	601.238604	50.0	459267.0	1.202477	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

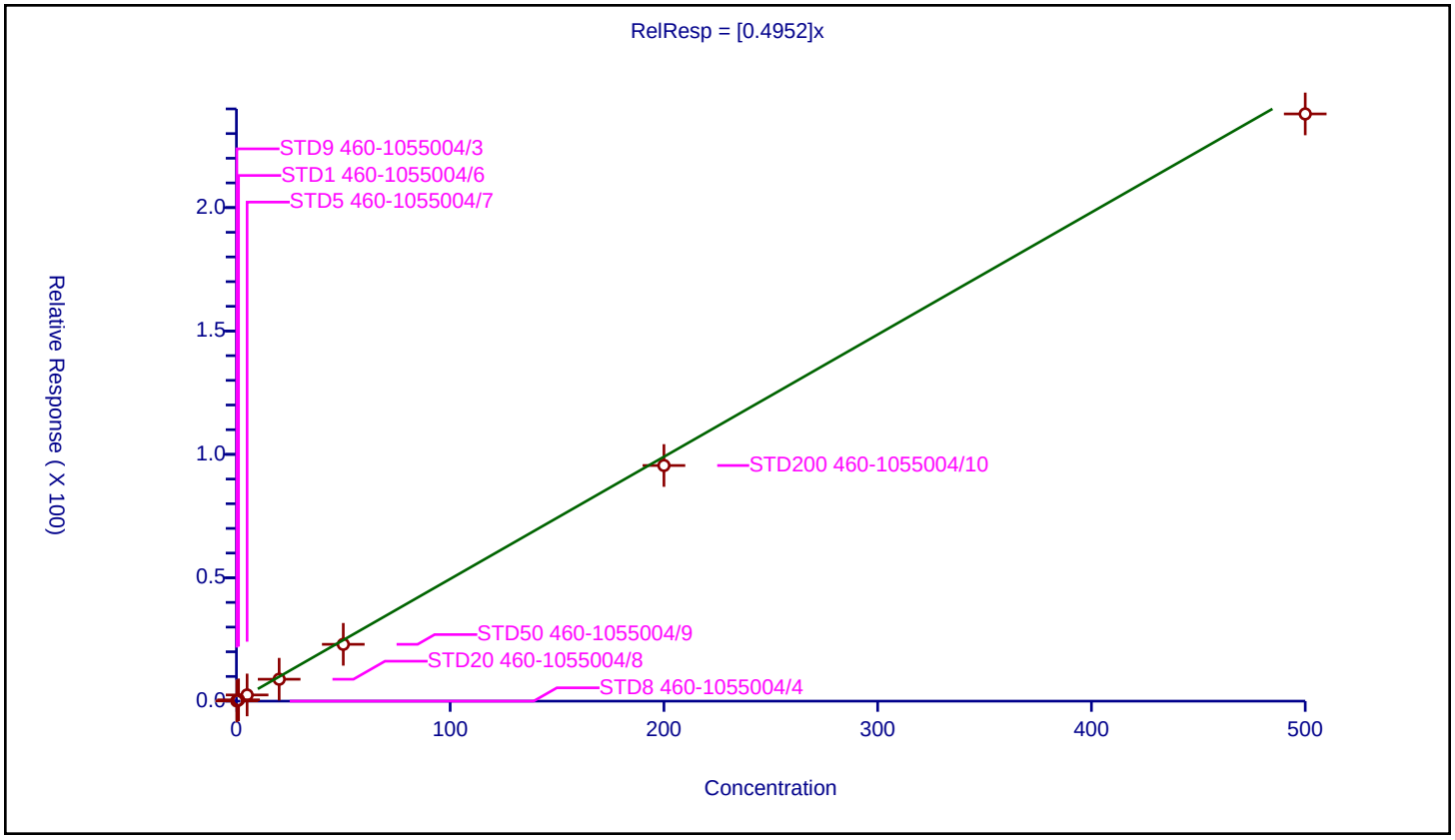
Curve Coefficients

Intercept:	0
Slope:	0.4952

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.11695	50.0	505771.0	0.584751	Y
3	STD1 460-1055004/6	1.0	0.52158	50.0	423617.0	0.52158	Y
4	STD5 460-1055004/7	5.0	2.512295	50.0	428015.0	0.502459	Y
5	STD20 460-1055004/8	20.0	8.873412	50.0	431187.0	0.443671	Y
6	STD50 460-1055004/9	50.0	23.022024	50.0	430794.0	0.46044	Y
7	STD200 460-1055004/10	200.0	95.490638	50.0	447713.0	0.477453	Y
8	STD500 460-1055004/11	500.0	237.957441	50.0	459267.0	0.475915	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

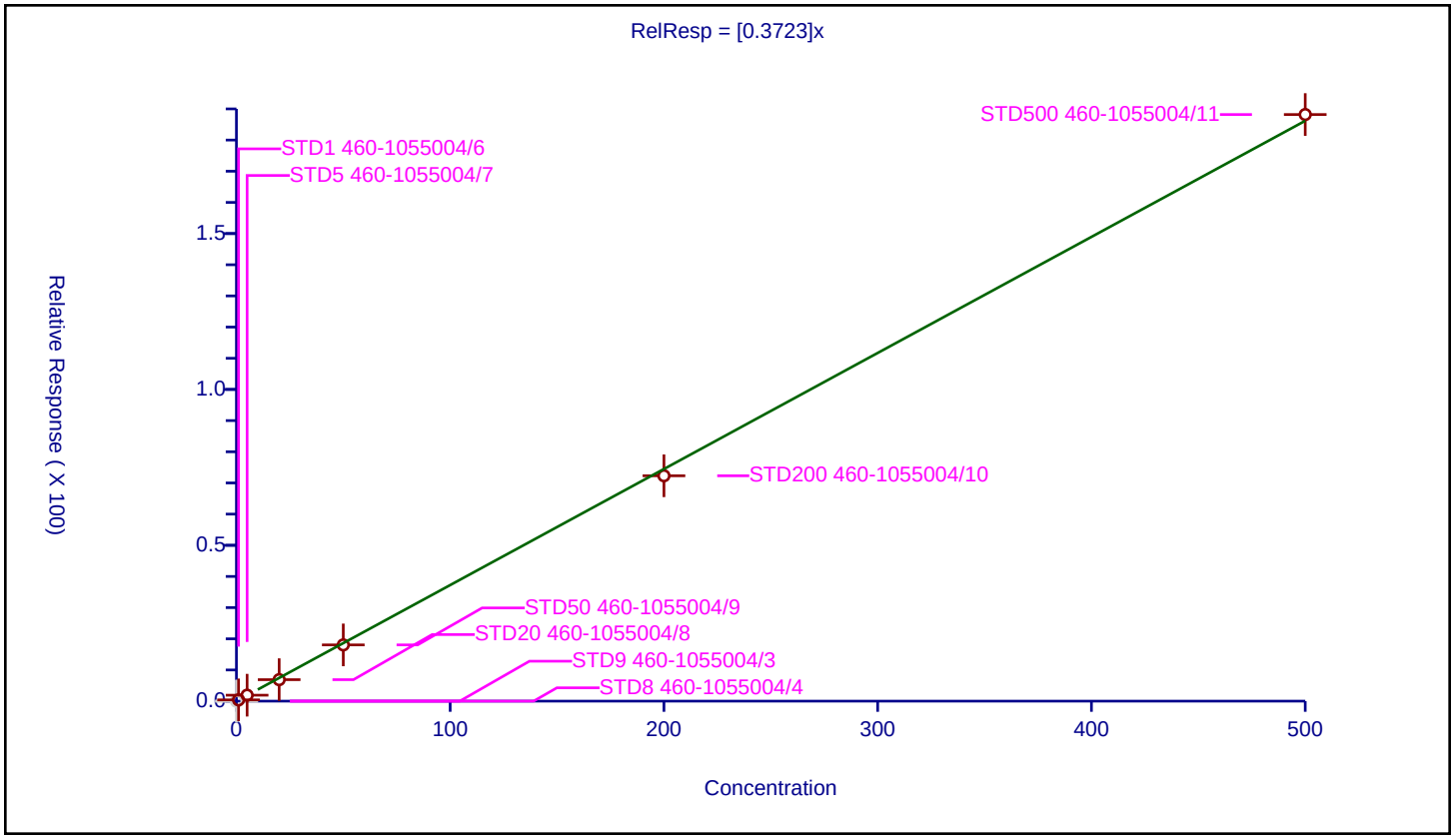
Curve Coefficients

Intercept:	0
Slope:	0.3723

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.40886	50.0	423617.0	0.40886	Y
4	STD5 460-1055004/7	5.0	1.909045	50.0	428015.0	0.381809	Y
5	STD20 460-1055004/8	20.0	6.893413	50.0	431187.0	0.344671	Y
6	STD50 460-1055004/9	50.0	18.041686	50.0	430794.0	0.360834	Y
7	STD200 460-1055004/10	200.0	72.299554	50.0	447713.0	0.361498	Y
8	STD500 460-1055004/11	500.0	188.18476	50.0	459267.0	0.37637	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

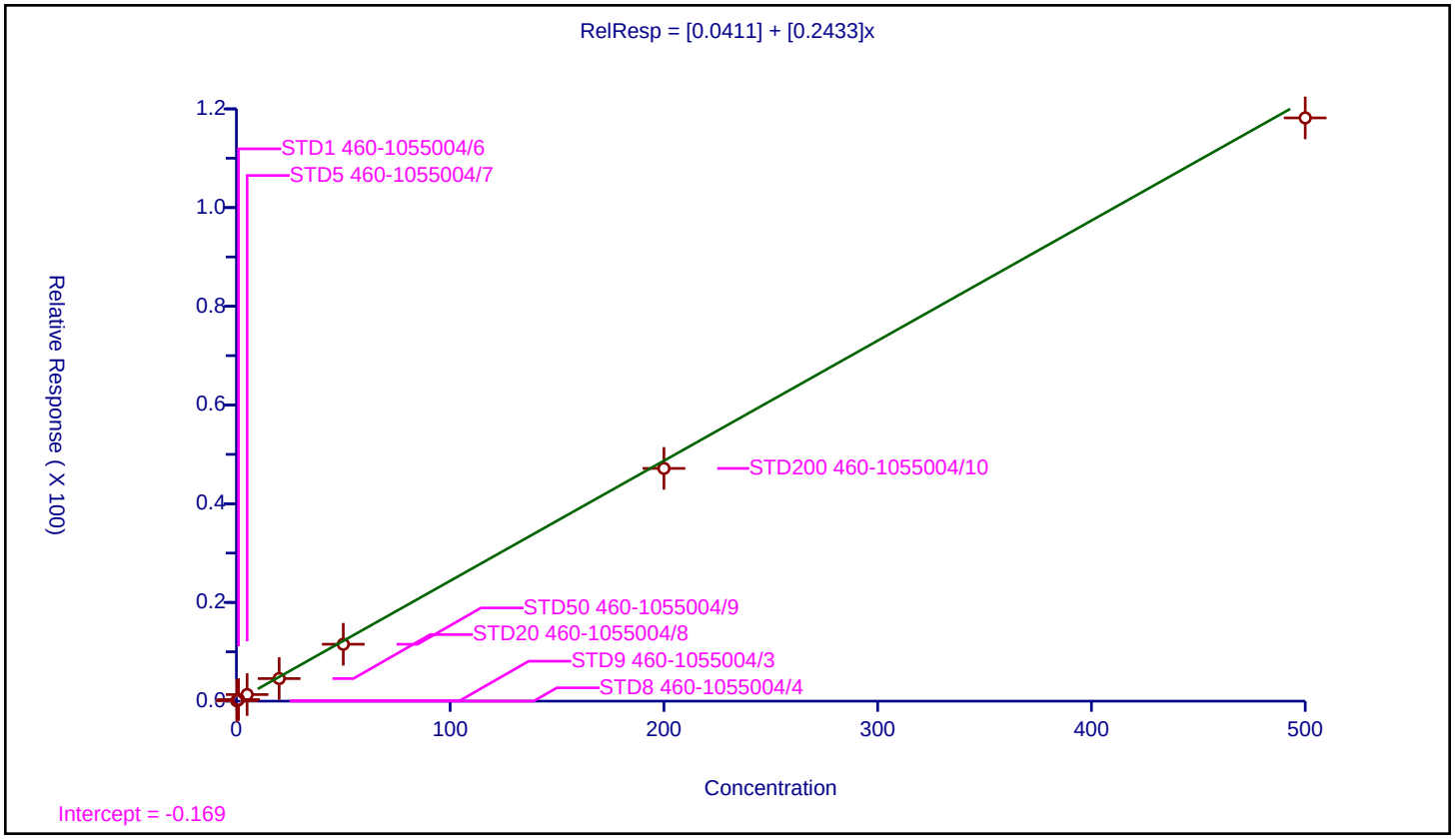
Curve Coefficients

Intercept:	0.0411
Slope:	0.2433

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.088182	50.0	505771.0	0.440911	Y
3	STD1 460-1055004/6	1.0	0.322107	50.0	423617.0	0.322107	Y
4	STD5 460-1055004/7	5.0	1.334065	50.0	428015.0	0.266813	Y
5	STD20 460-1055004/8	20.0	4.574002	50.0	431187.0	0.2287	Y
6	STD50 460-1055004/9	50.0	11.531033	50.0	430794.0	0.230621	Y
7	STD200 460-1055004/10	200.0	47.157554	50.0	447713.0	0.235788	Y
8	STD500 460-1055004/11	500.0	118.171565	50.0	459267.0	0.236343	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

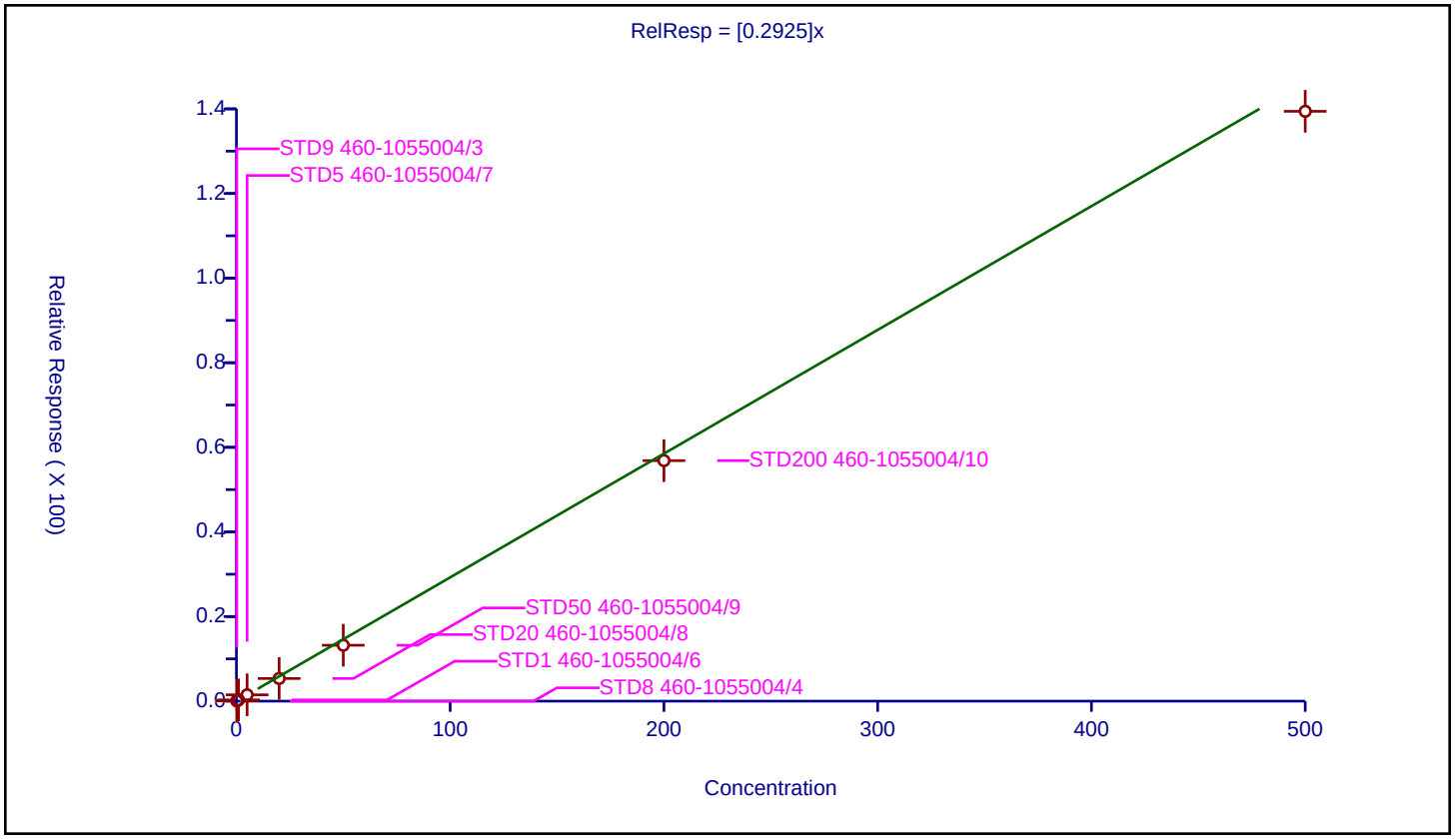
Curve Coefficients

Intercept:	0
Slope:	0.2925

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.073452	50.0	505771.0	0.367261	Y
3	STD1 460-1055004/6	1.0	0.285635	50.0	423617.0	0.285635	Y
4	STD5 460-1055004/7	5.0	1.498195	50.0	428015.0	0.299639	Y
5	STD20 460-1055004/8	20.0	5.354058	50.0	431187.0	0.267703	Y
6	STD50 460-1055004/9	50.0	13.21316	50.0	430794.0	0.264263	Y
7	STD200 460-1055004/10	200.0	56.857965	50.0	447713.0	0.28429	Y
8	STD500 460-1055004/11	500.0	139.429896	50.0	459267.0	0.27886	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

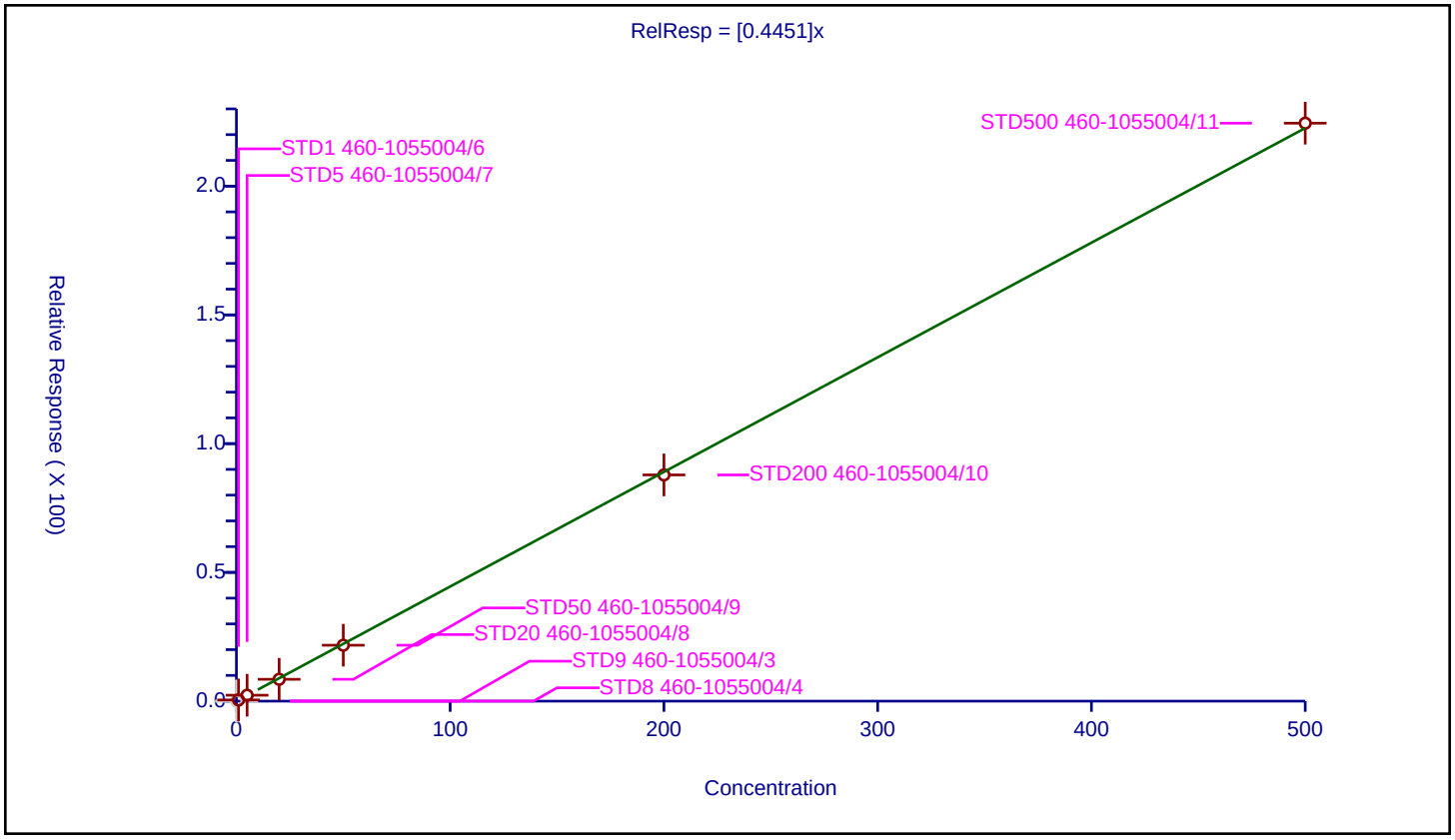
Curve Coefficients

Intercept:	0
Slope:	0.4451

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.464098	50.0	423617.0	0.464098	Y
4	STD5 460-1055004/7	5.0	2.298751	50.0	428015.0	0.45975	Y
5	STD20 460-1055004/8	20.0	8.483558	50.0	431187.0	0.424178	Y
6	STD50 460-1055004/9	50.0	21.714671	50.0	430794.0	0.434293	Y
7	STD200 460-1055004/10	200.0	87.853268	50.0	447713.0	0.439266	Y
8	STD500 460-1055004/11	500.0	224.446019	50.0	459267.0	0.448892	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

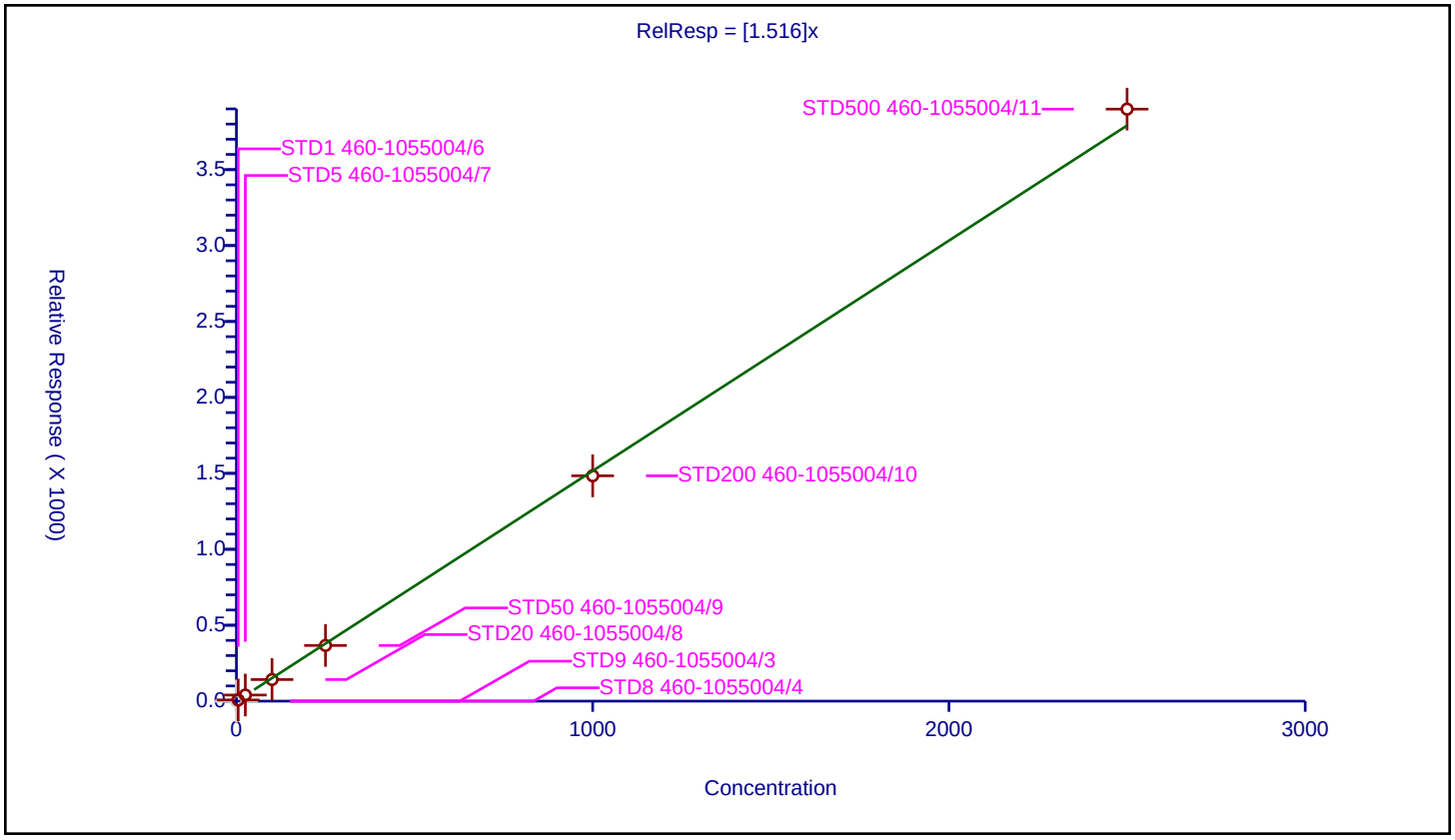
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	250.0	227880.0	NaN	N
2	STD9 460-1055004/3	1.0	0.0	250.0	277335.0	0.0	N
3	STD1 460-1055004/6	5.0	7.767149	250.0	223087.0	1.55343	Y
4	STD5 460-1055004/7	25.0	40.304086	250.0	220201.0	1.612163	Y
5	STD20 460-1055004/8	100.0	142.193329	250.0	222201.0	1.421933	Y
6	STD50 460-1055004/9	250.0	366.645706	250.0	228999.0	1.466583	Y
7	STD200 460-1055004/10	1000.0	1483.925785	250.0	226263.0	1.483926	Y
8	STD500 460-1055004/11	2500.0	3898.368208	250.0	241391.0	1.559347	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

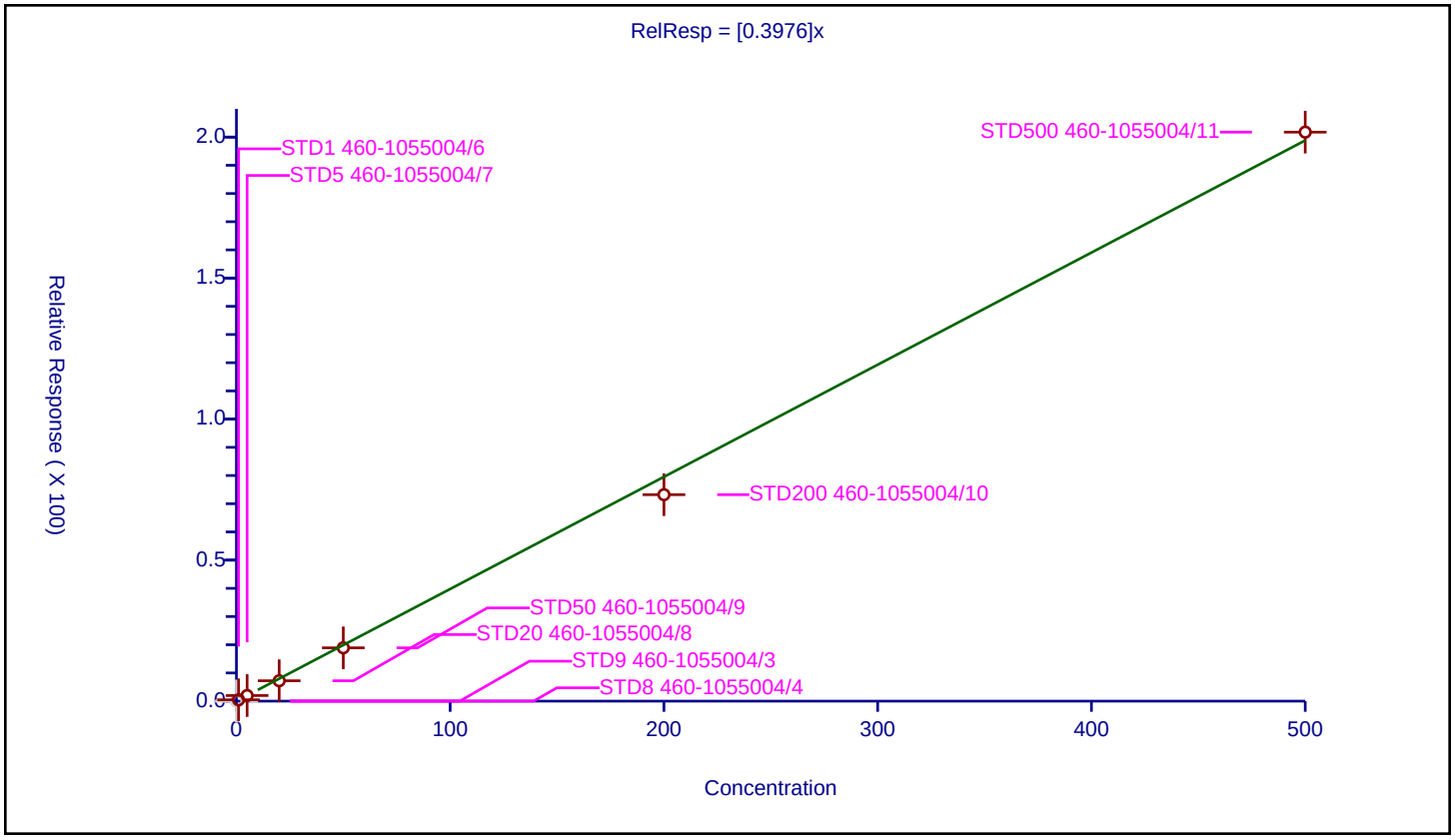
Curve Coefficients

Intercept:	0
Slope:	0.3976

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.47897	50.0	423617.0	0.47897	Y
4	STD5 460-1055004/7	5.0	1.989066	50.0	428015.0	0.397813	Y
5	STD20 460-1055004/8	20.0	7.22807	50.0	431187.0	0.361404	Y
6	STD50 460-1055004/9	50.0	18.90544	50.0	430794.0	0.378109	Y
7	STD200 460-1055004/10	200.0	73.200912	50.0	447713.0	0.366005	Y
8	STD500 460-1055004/11	500.0	201.75889	50.0	459267.0	0.403518	Y



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Calibration / Chlorodibromomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

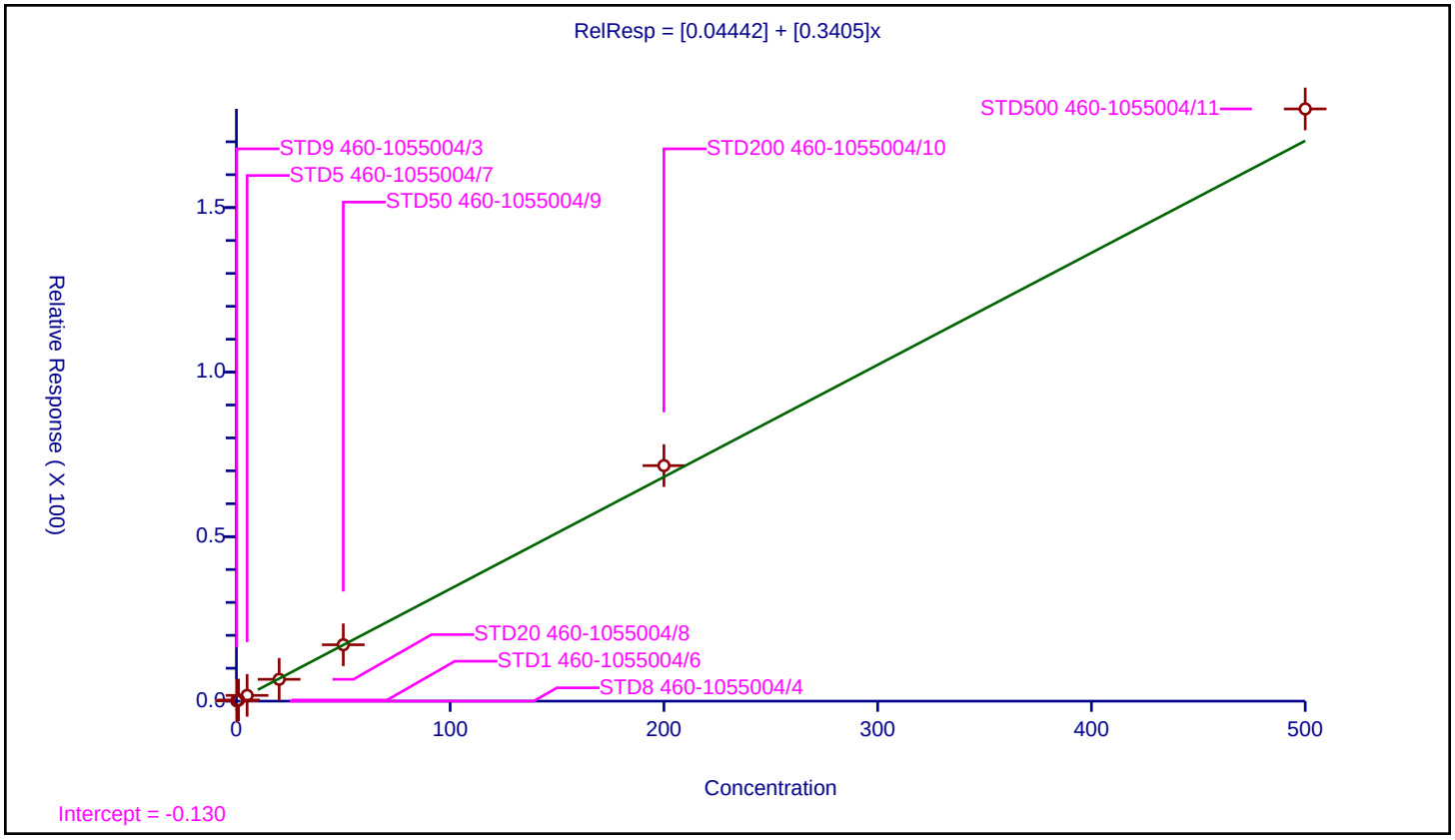
Curve Coefficients

Intercept:	0.04442
Slope:	0.3405

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.113886	50.0	505771.0	0.569428	Y
3	STD1 460-1055004/6	1.0	0.351261	50.0	423617.0	0.351261	Y
4	STD5 460-1055004/7	5.0	1.747369	50.0	428015.0	0.349474	Y
5	STD20 460-1055004/8	20.0	6.631925	50.0	431187.0	0.331596	Y
6	STD50 460-1055004/9	50.0	17.136381	50.0	430794.0	0.342728	Y
7	STD200 460-1055004/10	200.0	71.589277	50.0	447713.0	0.357946	Y
8	STD500 460-1055004/11	500.0	179.986914	50.0	459267.0	0.359974	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

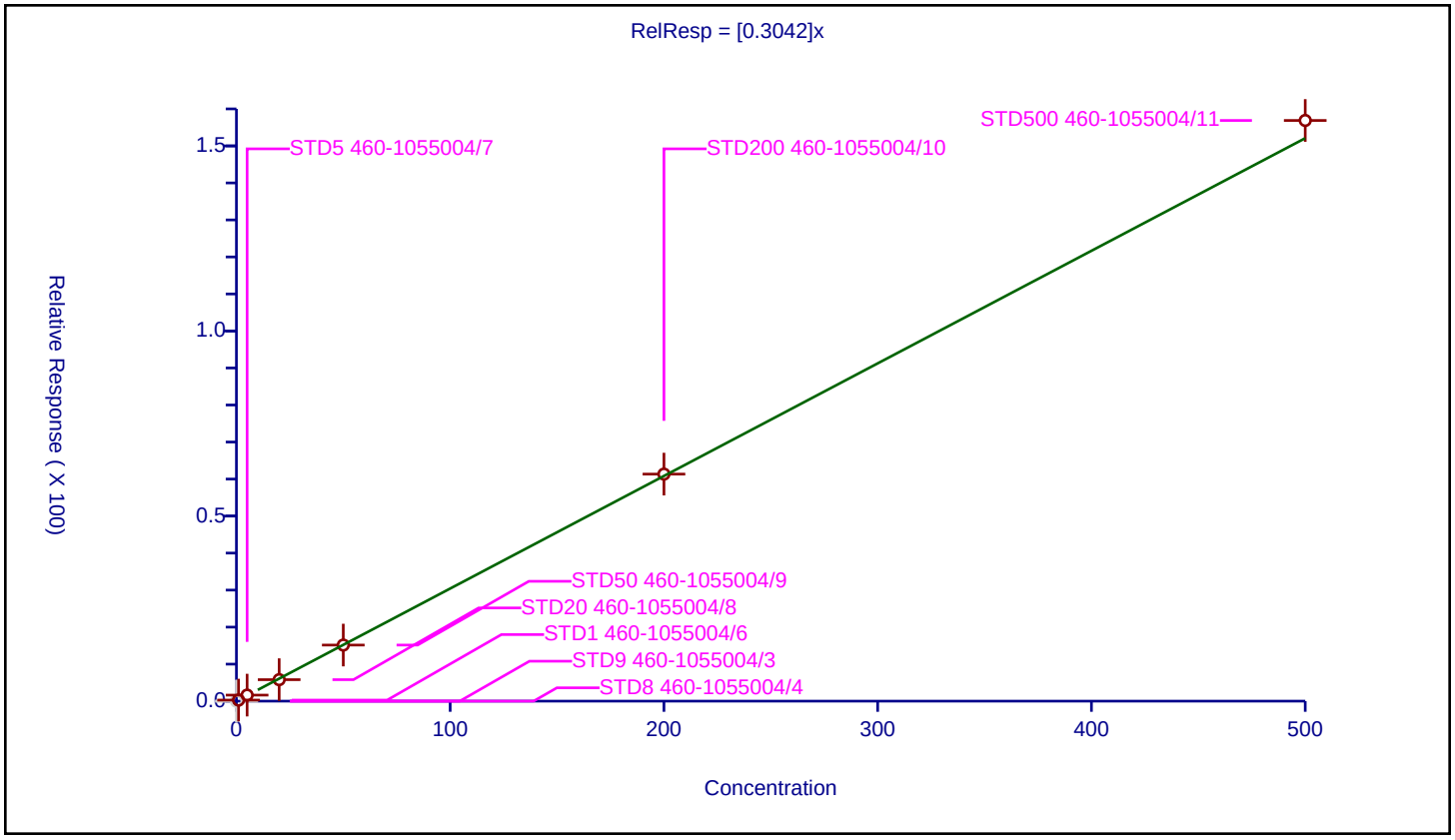
Curve Coefficients

Intercept:	0
Slope:	0.3042

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.285281	50.0	423617.0	0.285281	Y
4	STD5 460-1055004/7	5.0	1.630434	50.0	428015.0	0.326087	Y
5	STD20 460-1055004/8	20.0	5.801659	50.0	431187.0	0.290083	Y
6	STD50 460-1055004/9	50.0	15.151906	50.0	430794.0	0.303038	Y
7	STD200 460-1055004/10	200.0	61.335052	50.0	447713.0	0.306675	Y
8	STD500 460-1055004/11	500.0	156.873453	50.0	459267.0	0.313747	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

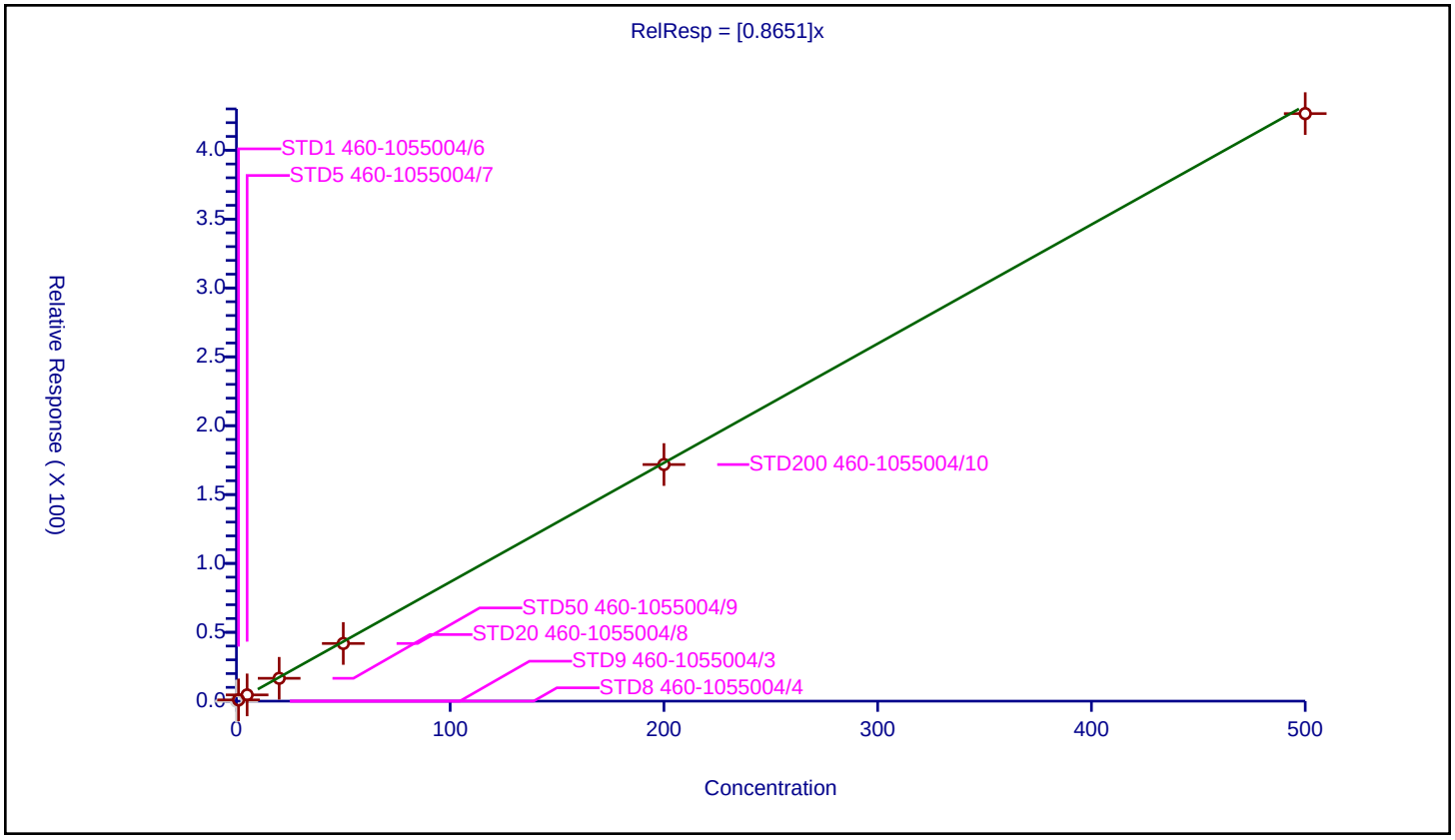
Curve Coefficients

Intercept:	0
Slope:	0.8651

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.903292	50.0	423617.0	0.903292	Y
4	STD5 460-1055004/7	5.0	4.542715	50.0	428015.0	0.908543	Y
5	STD20 460-1055004/8	20.0	16.581785	50.0	431187.0	0.829089	Y
6	STD50 460-1055004/9	50.0	41.869548	50.0	430794.0	0.837391	Y
7	STD200 460-1055004/10	200.0	171.793761	50.0	447713.0	0.858969	Y
8	STD500 460-1055004/11	500.0	426.575826	50.0	459267.0	0.853152	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

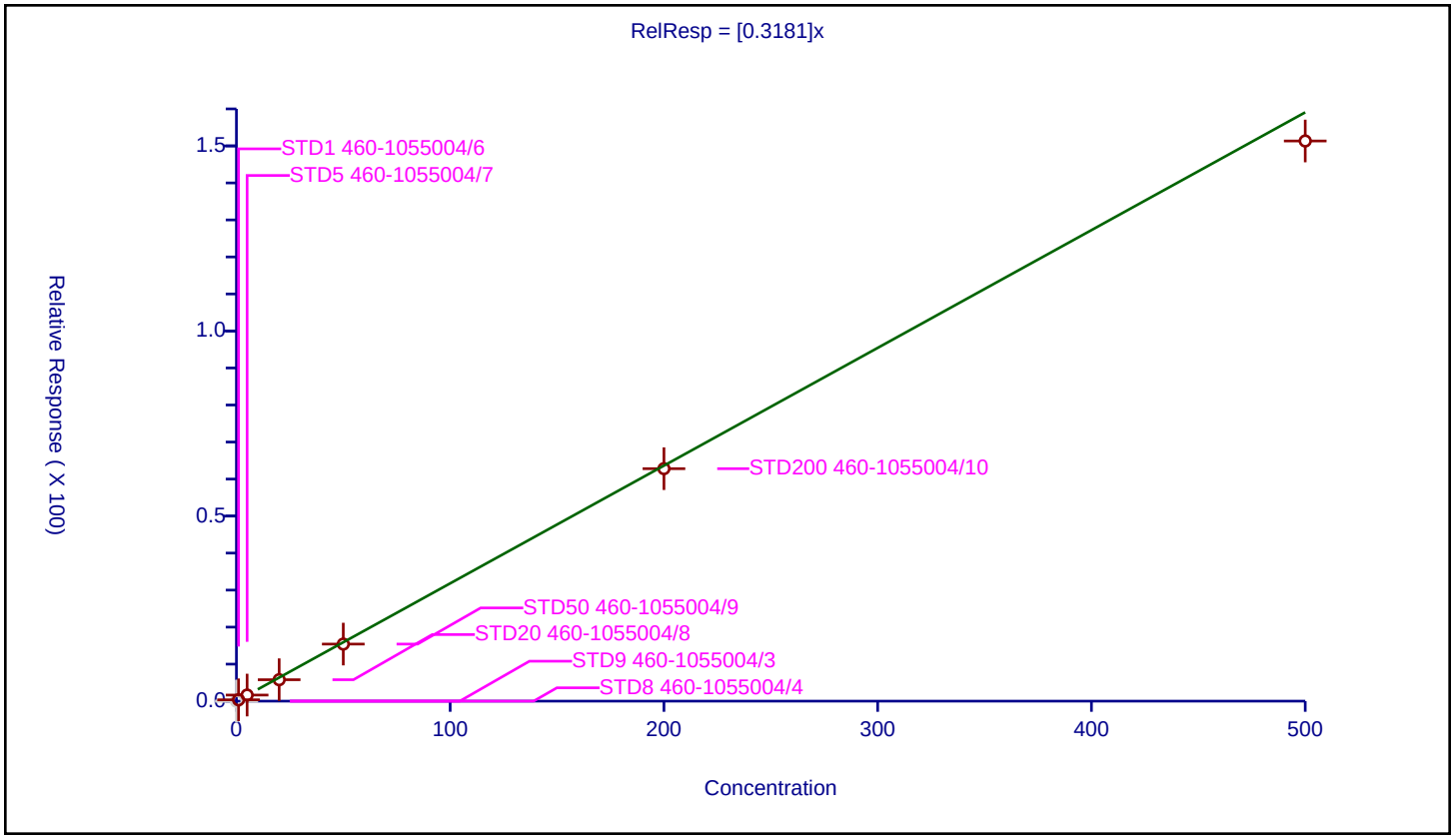
Curve Coefficients

Intercept:	0
Slope:	0.3181

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.364716	50.0	423617.0	0.364716	Y
4	STD5 460-1055004/7	5.0	1.647372	50.0	428015.0	0.329474	Y
5	STD20 460-1055004/8	20.0	5.790179	50.0	431187.0	0.289509	Y
6	STD50 460-1055004/9	50.0	15.417462	50.0	430794.0	0.308349	Y
7	STD200 460-1055004/10	200.0	62.807424	50.0	447713.0	0.314037	Y
8	STD500 460-1055004/11	500.0	151.329619	50.0	459267.0	0.302659	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

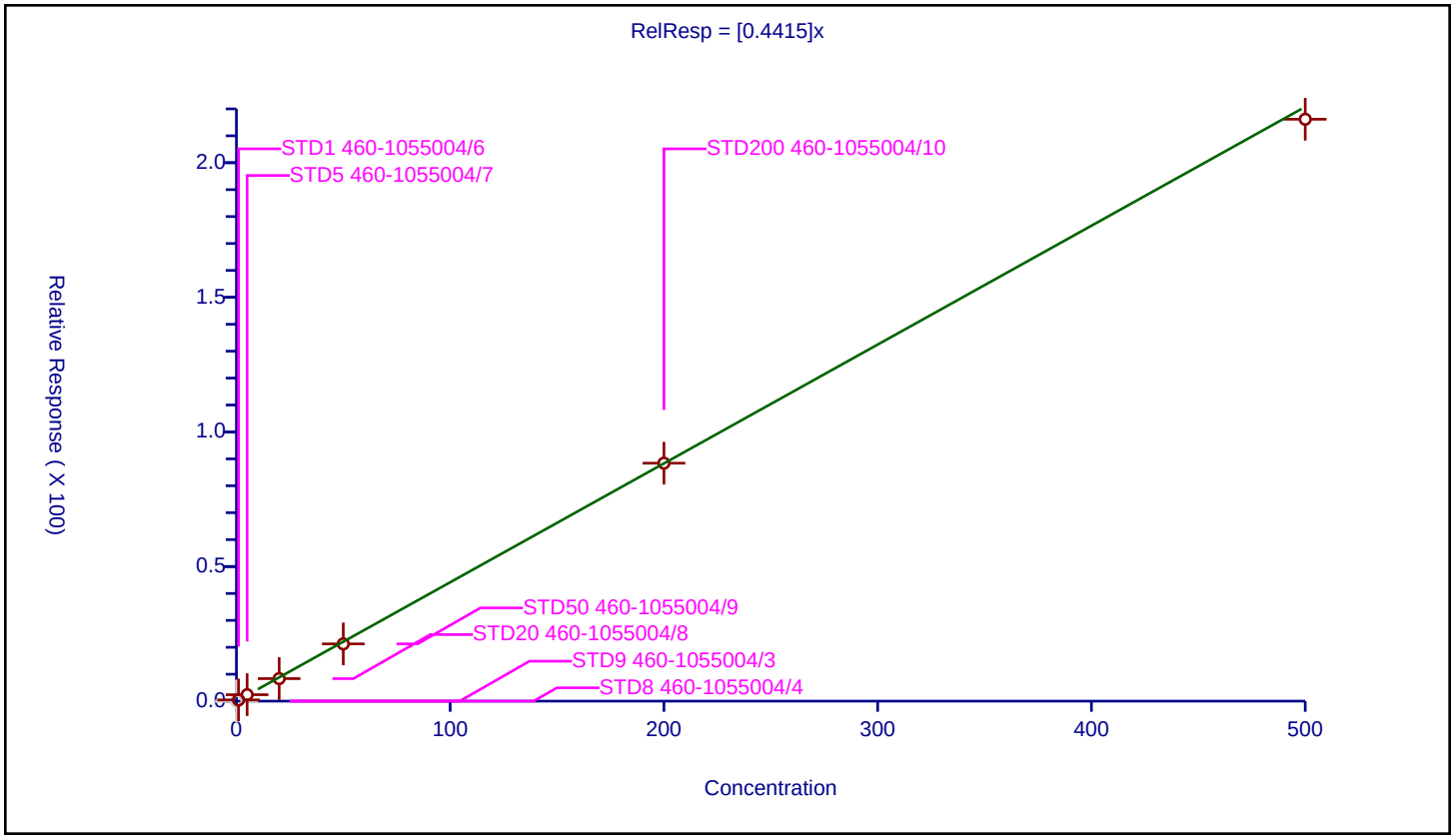
Curve Coefficients

Intercept:	0
Slope:	0.4415

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.45442	50.0	423617.0	0.45442	Y
4	STD5 460-1055004/7	5.0	2.384379	50.0	428015.0	0.476876	Y
5	STD20 460-1055004/8	20.0	8.364584	50.0	431187.0	0.418229	Y
6	STD50 460-1055004/9	50.0	21.265036	50.0	430794.0	0.425301	Y
7	STD200 460-1055004/10	200.0	88.394909	50.0	447713.0	0.441975	Y
8	STD500 460-1055004/11	500.0	216.15607	50.0	459267.0	0.432312	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

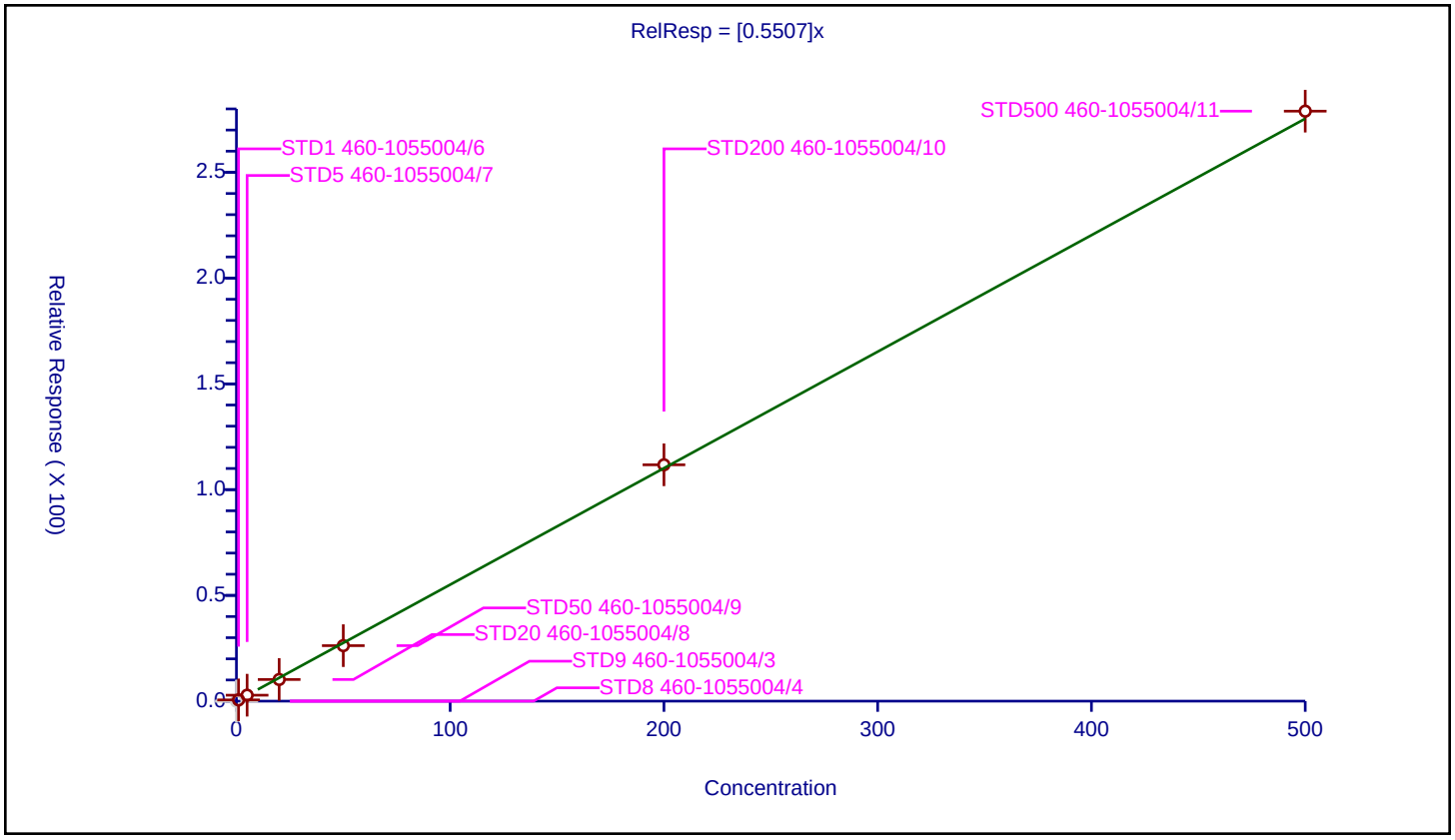
Curve Coefficients

Intercept:	0
Slope:	0.5507

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.58992	50.0	423617.0	0.58992	Y
4	STD5 460-1055004/7	5.0	2.810182	50.0	428015.0	0.562036	Y
5	STD20 460-1055004/8	20.0	10.225842	50.0	431187.0	0.511292	Y
6	STD50 460-1055004/9	50.0	26.230054	50.0	430794.0	0.524601	Y
7	STD200 460-1055004/10	200.0	111.731176	50.0	447713.0	0.558656	Y
8	STD500 460-1055004/11	500.0	278.929468	50.0	459267.0	0.557859	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

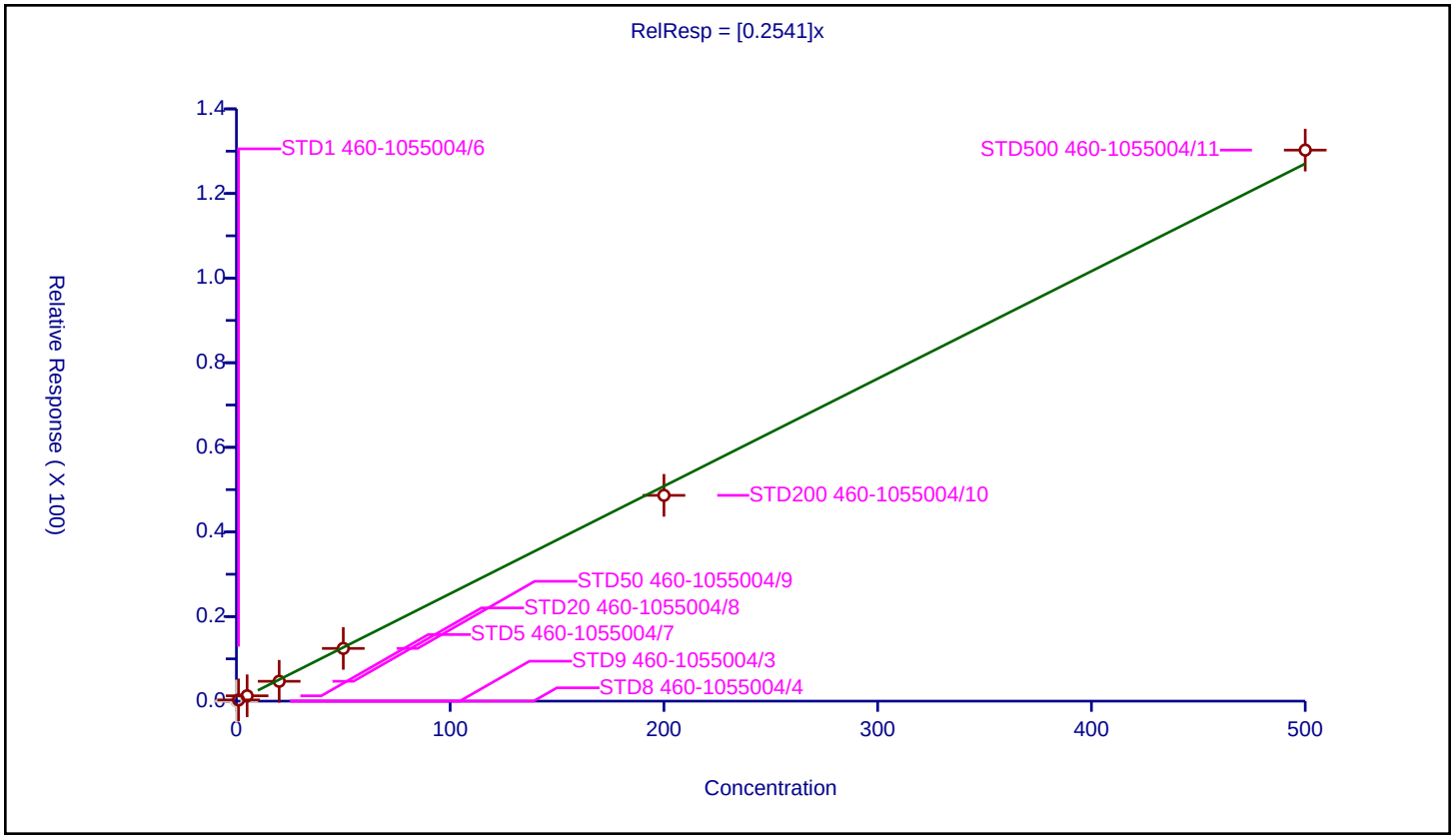
Curve Coefficients

Intercept:	0
Slope:	0.2541

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.283865	50.0	423617.0	0.283865	Y
4	STD5 460-1055004/7	5.0	1.265143	50.0	428015.0	0.253029	Y
5	STD20 460-1055004/8	20.0	4.692164	50.0	431187.0	0.234608	Y
6	STD50 460-1055004/9	50.0	12.462685	50.0	430794.0	0.249254	Y
7	STD200 460-1055004/10	200.0	48.644221	50.0	447713.0	0.243221	Y
8	STD500 460-1055004/11	500.0	130.261155	50.0	459267.0	0.260522	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

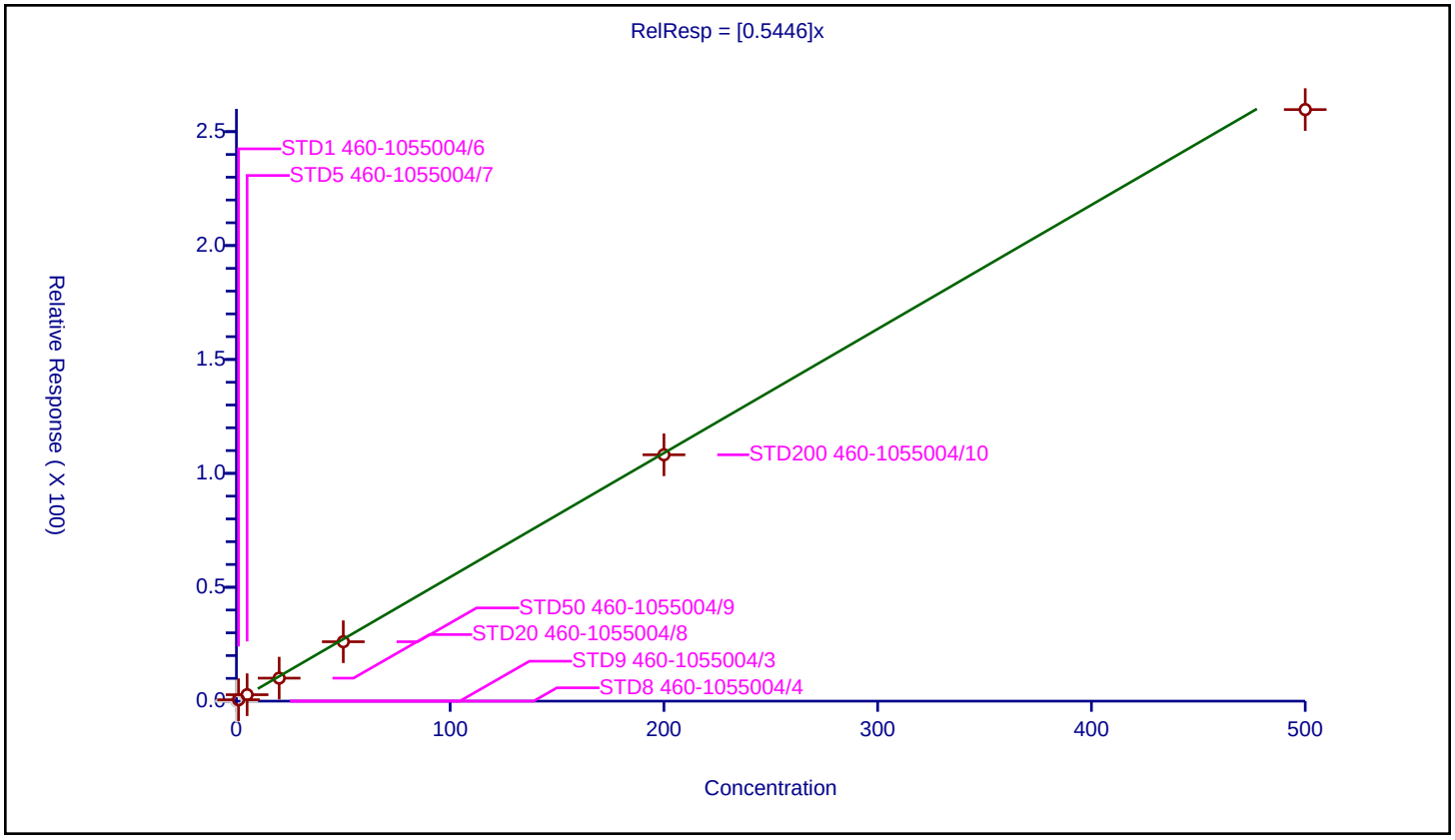
Curve Coefficients

Intercept:	0
Slope:	0.5446

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.615178	50.0	423617.0	0.615178	Y
4	STD5 460-1055004/7	5.0	2.829457	50.0	428015.0	0.565891	Y
5	STD20 460-1055004/8	20.0	10.097707	50.0	431187.0	0.504885	Y
6	STD50 460-1055004/9	50.0	26.07917	50.0	430794.0	0.521583	Y
7	STD200 460-1055004/10	200.0	108.154554	50.0	447713.0	0.540773	Y
8	STD500 460-1055004/11	500.0	259.700675	50.0	459267.0	0.519401	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

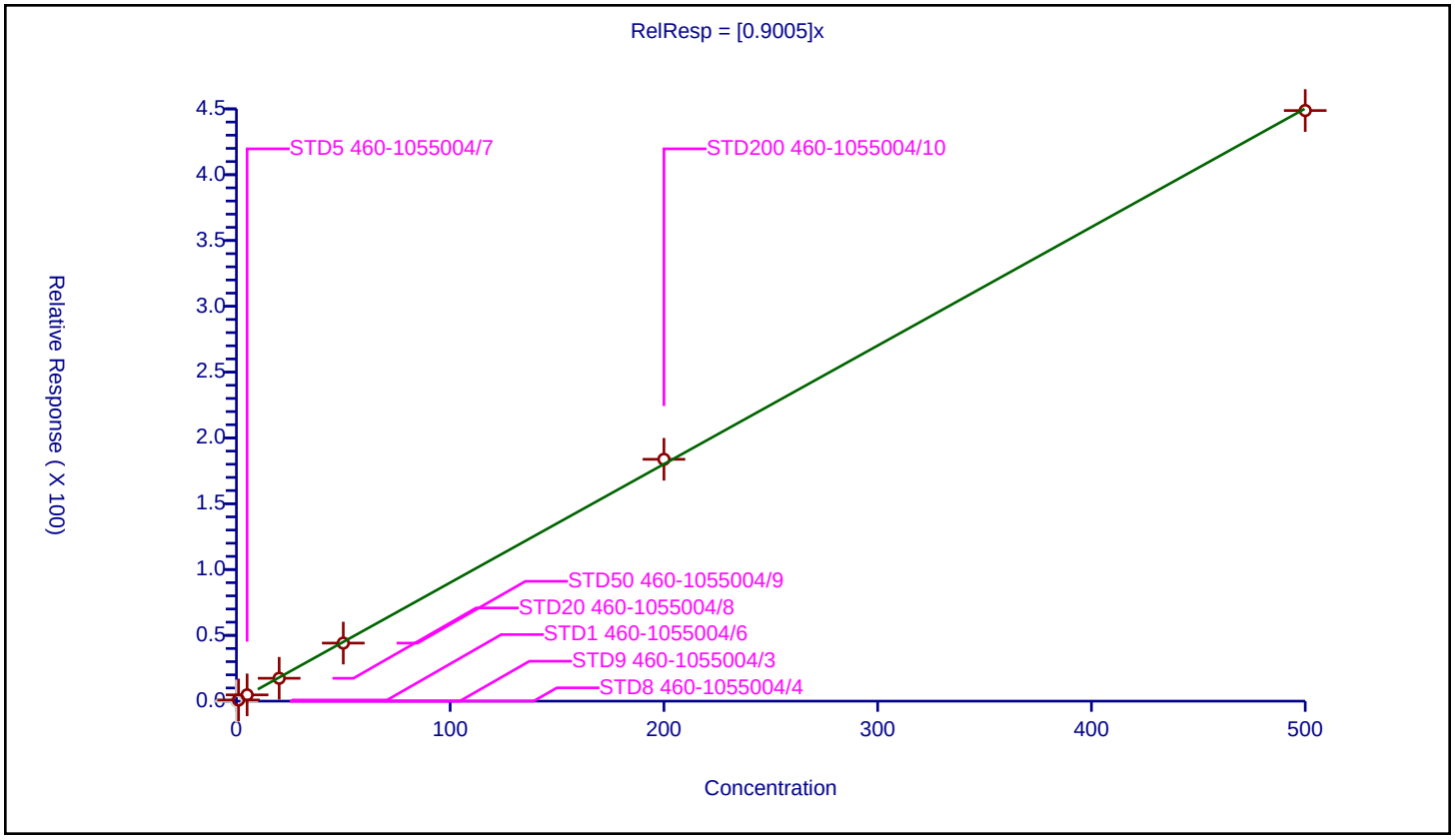
Curve Coefficients

Intercept:	0
Slope:	0.9005

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.882401	50.0	423617.0	0.882401	Y
4	STD5 460-1055004/7	5.0	4.768641	50.0	428015.0	0.953728	Y
5	STD20 460-1055004/8	20.0	17.374364	50.0	431187.0	0.868718	Y
6	STD50 460-1055004/9	50.0	44.101357	50.0	430794.0	0.882027	Y
7	STD200 460-1055004/10	200.0	183.758345	50.0	447713.0	0.918792	Y
8	STD500 460-1055004/11	500.0	448.739949	50.0	459267.0	0.89748	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

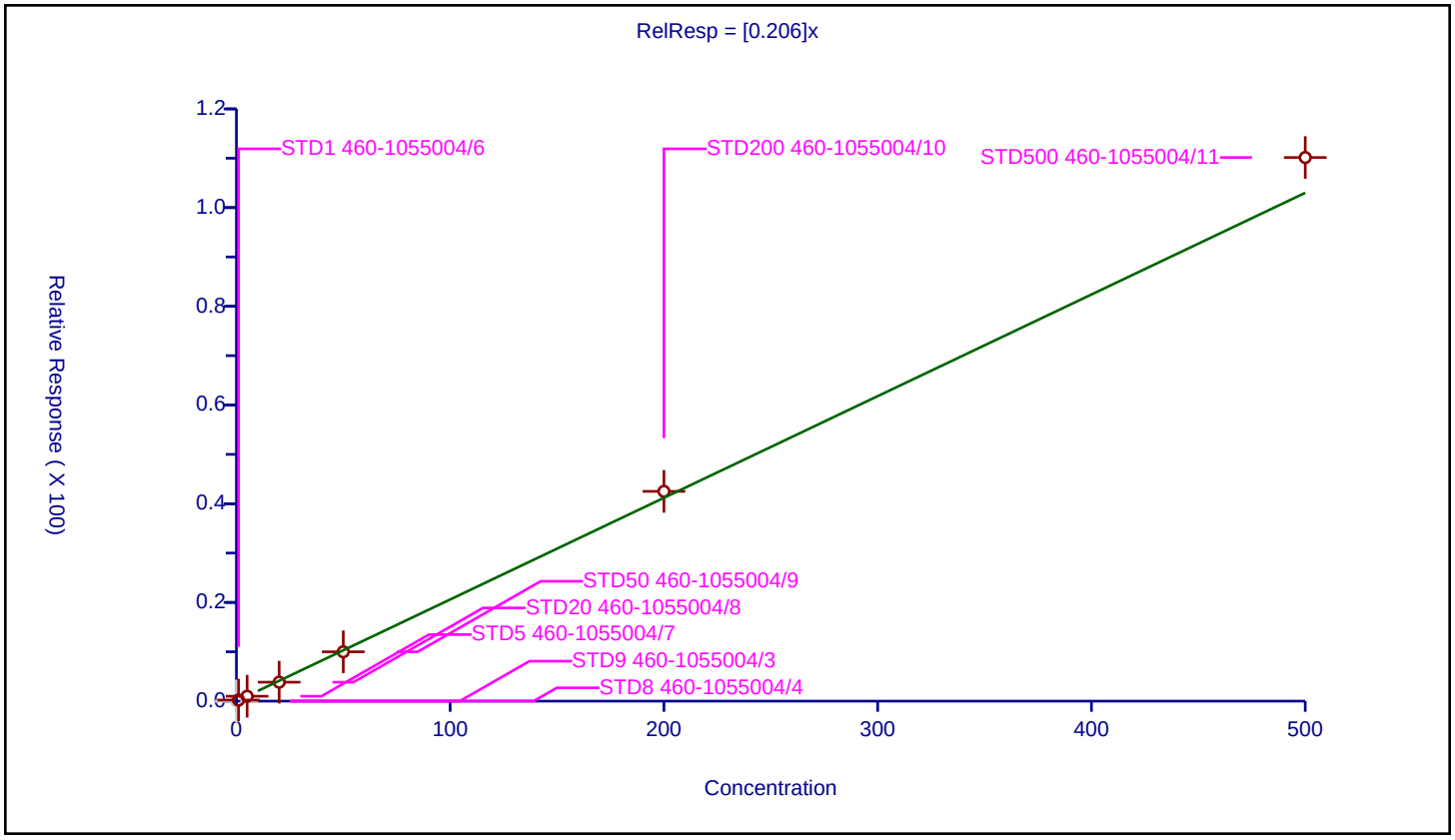
Curve Coefficients

Intercept:	0
Slope:	0.206

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	0.21163	50.0	423617.0	0.21163	Y
4	STD5 460-1055004/7	5.0	0.998213	50.0	428015.0	0.199643	Y
5	STD20 460-1055004/8	20.0	3.83743	50.0	431187.0	0.191872	Y
6	STD50 460-1055004/9	50.0	9.996309	50.0	430794.0	0.199926	Y
7	STD200 460-1055004/10	200.0	42.506025	50.0	447713.0	0.21253	Y
8	STD500 460-1055004/11	500.0	110.143555	50.0	459267.0	0.220287	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

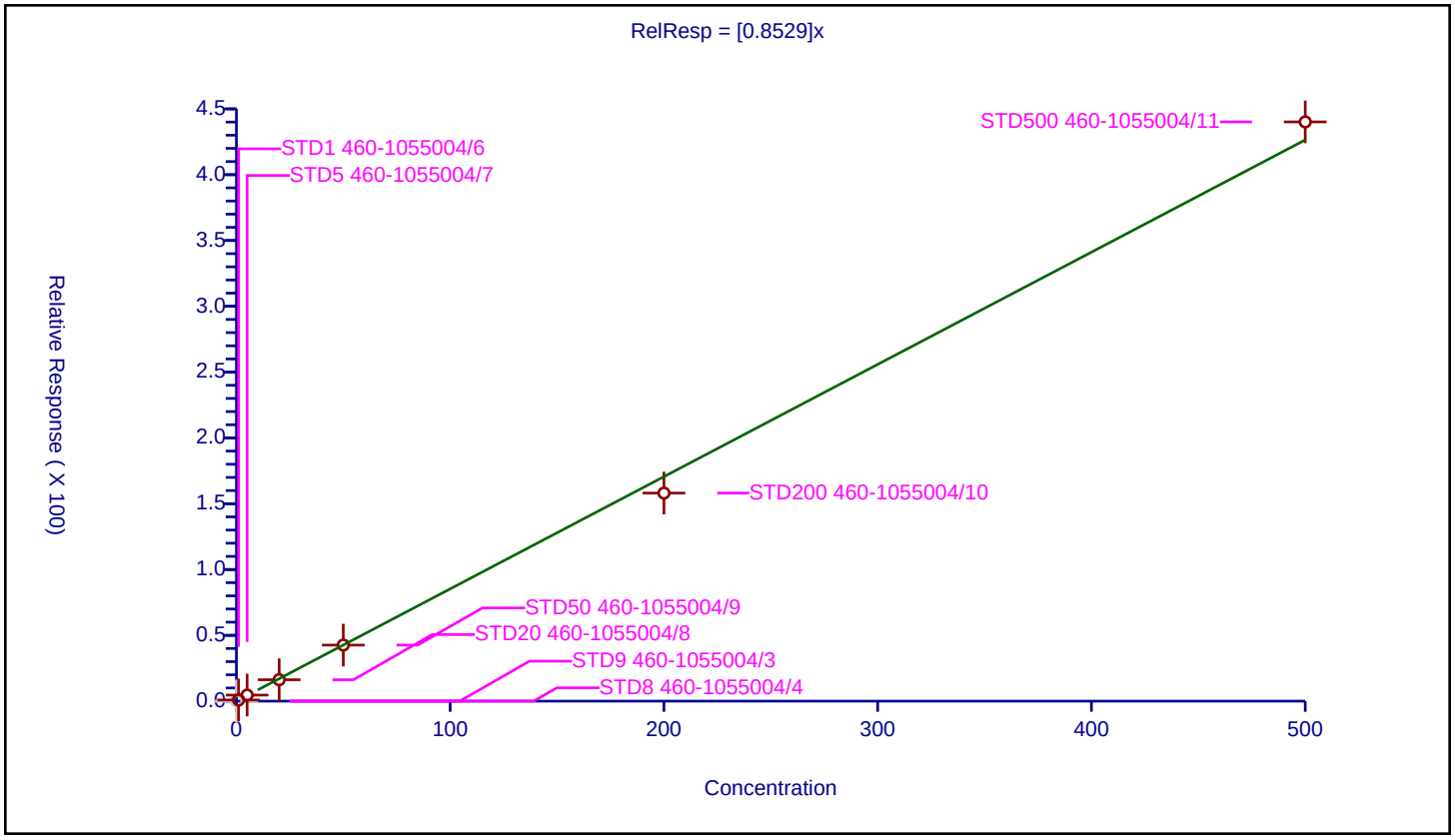
Curve Coefficients

Intercept:	0
Slope:	0.8529

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.866315	50.0	220705.0	0.866315	Y
4	STD5 460-1055004/7	5.0	4.577323	50.0	221505.0	0.915465	Y
5	STD20 460-1055004/8	20.0	16.257811	50.0	228850.0	0.812891	Y
6	STD50 460-1055004/9	50.0	42.591693	50.0	230552.0	0.851834	Y
7	STD200 460-1055004/10	200.0	158.077535	50.0	259058.0	0.790388	Y
8	STD500 460-1055004/11	500.0	440.11687	50.0	276547.0	0.880234	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

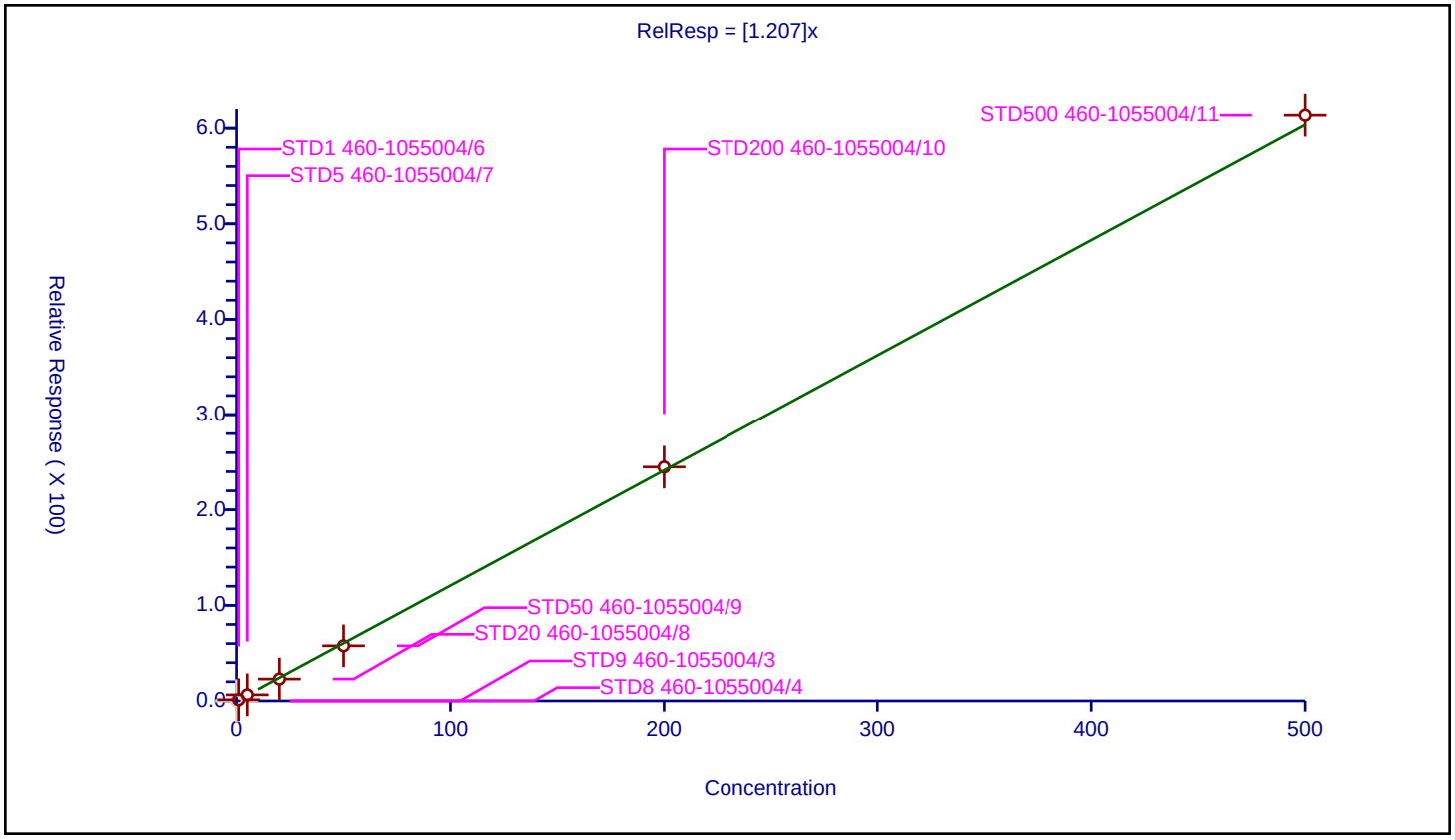
Curve Coefficients

Intercept:	0
Slope:	1.207

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	427285.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	505771.0	0.0	N
3	STD1 460-1055004/6	1.0	1.221858	50.0	423617.0	1.221858	Y
4	STD5 460-1055004/7	5.0	6.366716	50.0	428015.0	1.273343	Y
5	STD20 460-1055004/8	20.0	22.879516	50.0	431187.0	1.143976	Y
6	STD50 460-1055004/9	50.0	57.650989	50.0	430794.0	1.15302	Y
7	STD200 460-1055004/10	200.0	244.8754	50.0	447713.0	1.224377	Y
8	STD500 460-1055004/11	500.0	613.58469	50.0	459267.0	1.227169	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

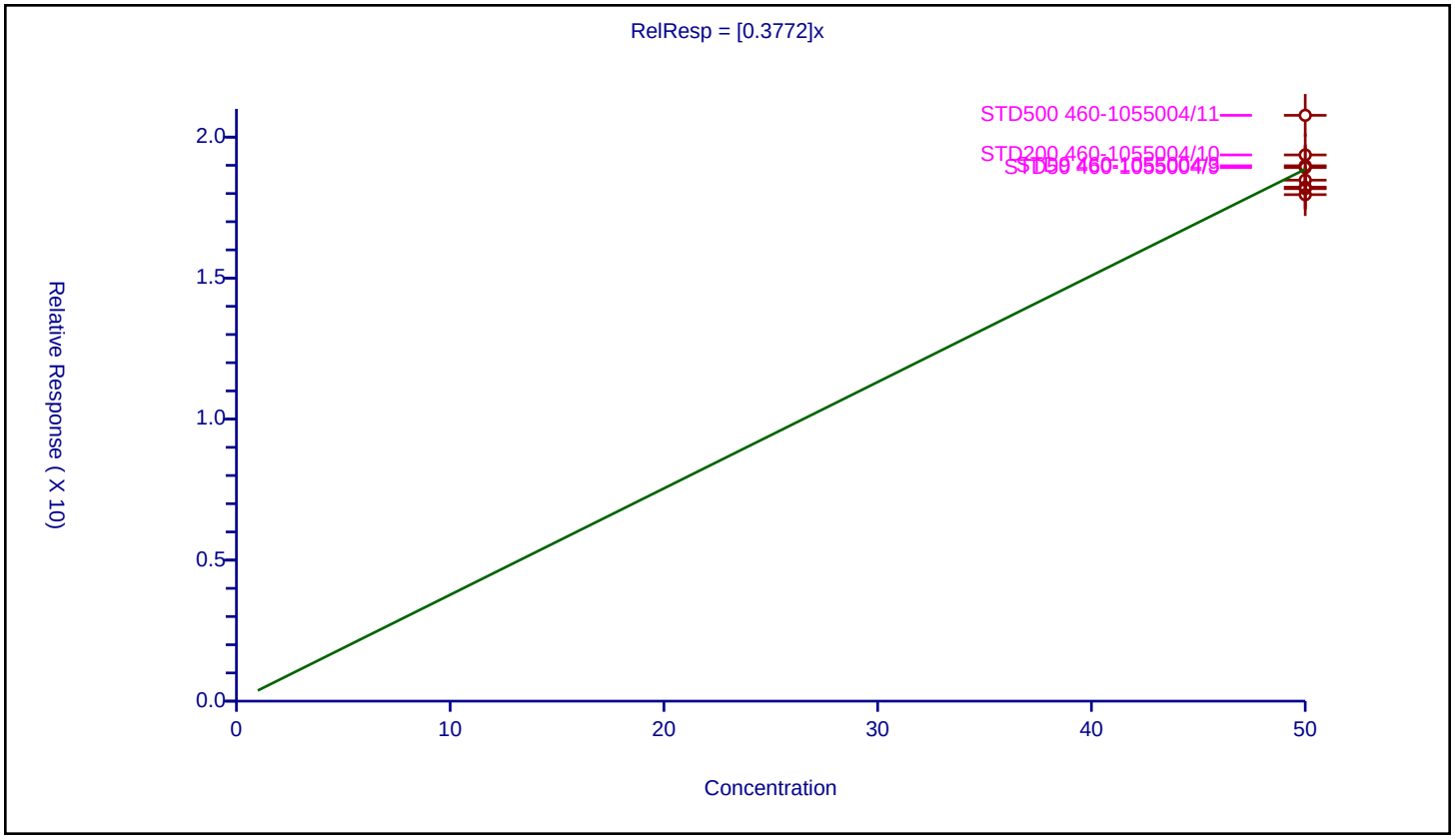
Curve Coefficients

Intercept:	0
Slope:	0.3772

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1055004/3	50.0	18.983789	50.0	505771.0	0.379676	Y
2	STD8 460-1055004/4	50.0	17.958857	50.0	427285.0	0.359177	Y
3	STD1 460-1055004/6	50.0	18.224481	50.0	423617.0	0.36449	Y
4	STD5 460-1055004/7	50.0	18.171092	50.0	428015.0	0.363422	Y
5	STD20 460-1055004/8	50.0	18.473771	50.0	431187.0	0.369475	Y
6	STD50 460-1055004/9	50.0	18.918439	50.0	430794.0	0.378369	Y
7	STD200 460-1055004/10	50.0	19.3681	50.0	447713.0	0.387362	Y
8	STD500 460-1055004/11	50.0	20.772231	50.0	459267.0	0.415445	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

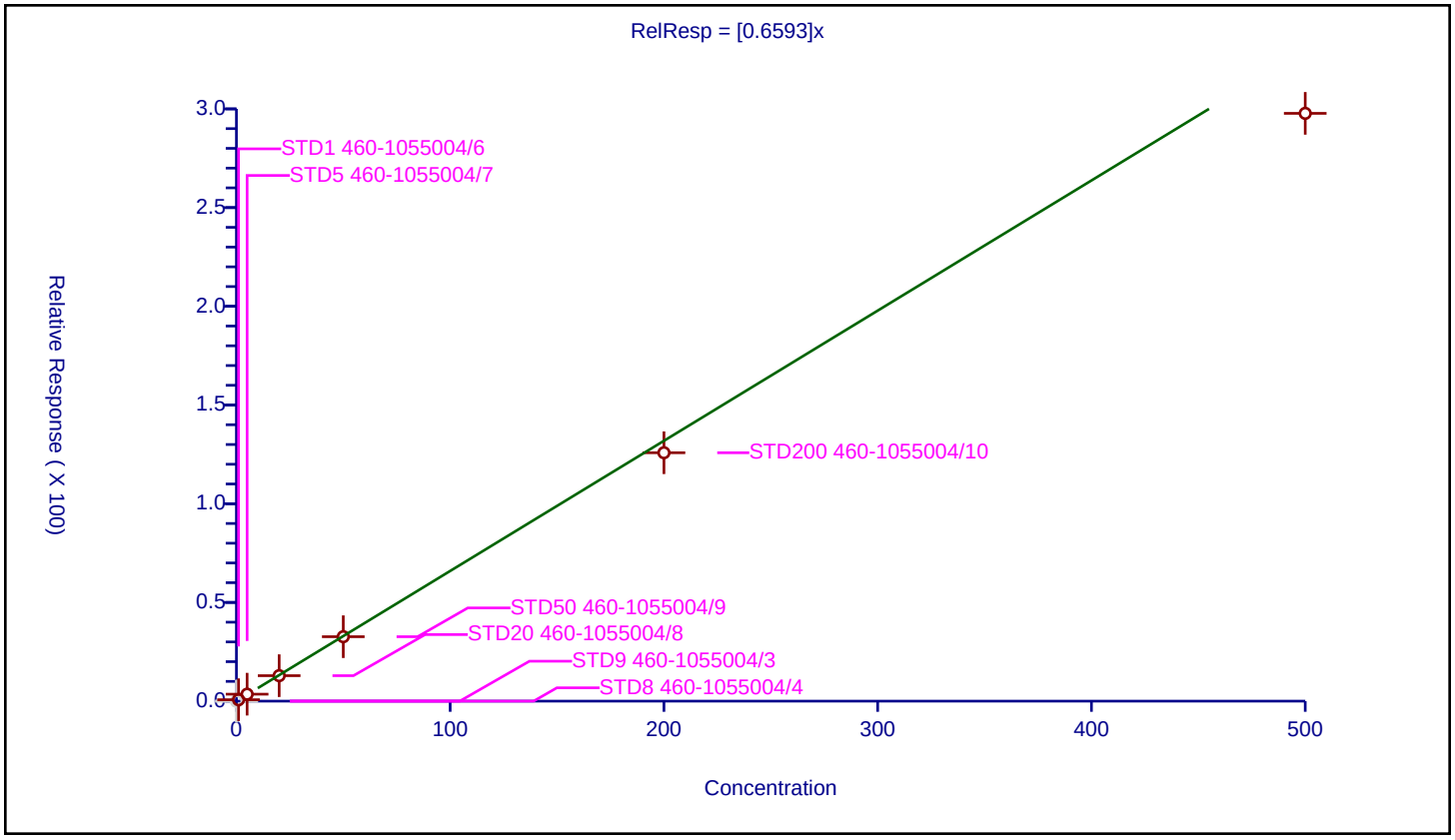
Curve Coefficients

Intercept:	0
Slope:	0.6593

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.726762	50.0	220705.0	0.726762	Y
4	STD5 460-1055004/7	5.0	3.532426	50.0	221505.0	0.706485	Y
5	STD20 460-1055004/8	20.0	12.905834	50.0	228850.0	0.645292	Y
6	STD50 460-1055004/9	50.0	32.644696	50.0	230552.0	0.652894	Y
7	STD200 460-1055004/10	200.0	125.832439	50.0	259058.0	0.629162	Y
8	STD500 460-1055004/11	500.0	297.732031	50.0	276547.0	0.595464	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

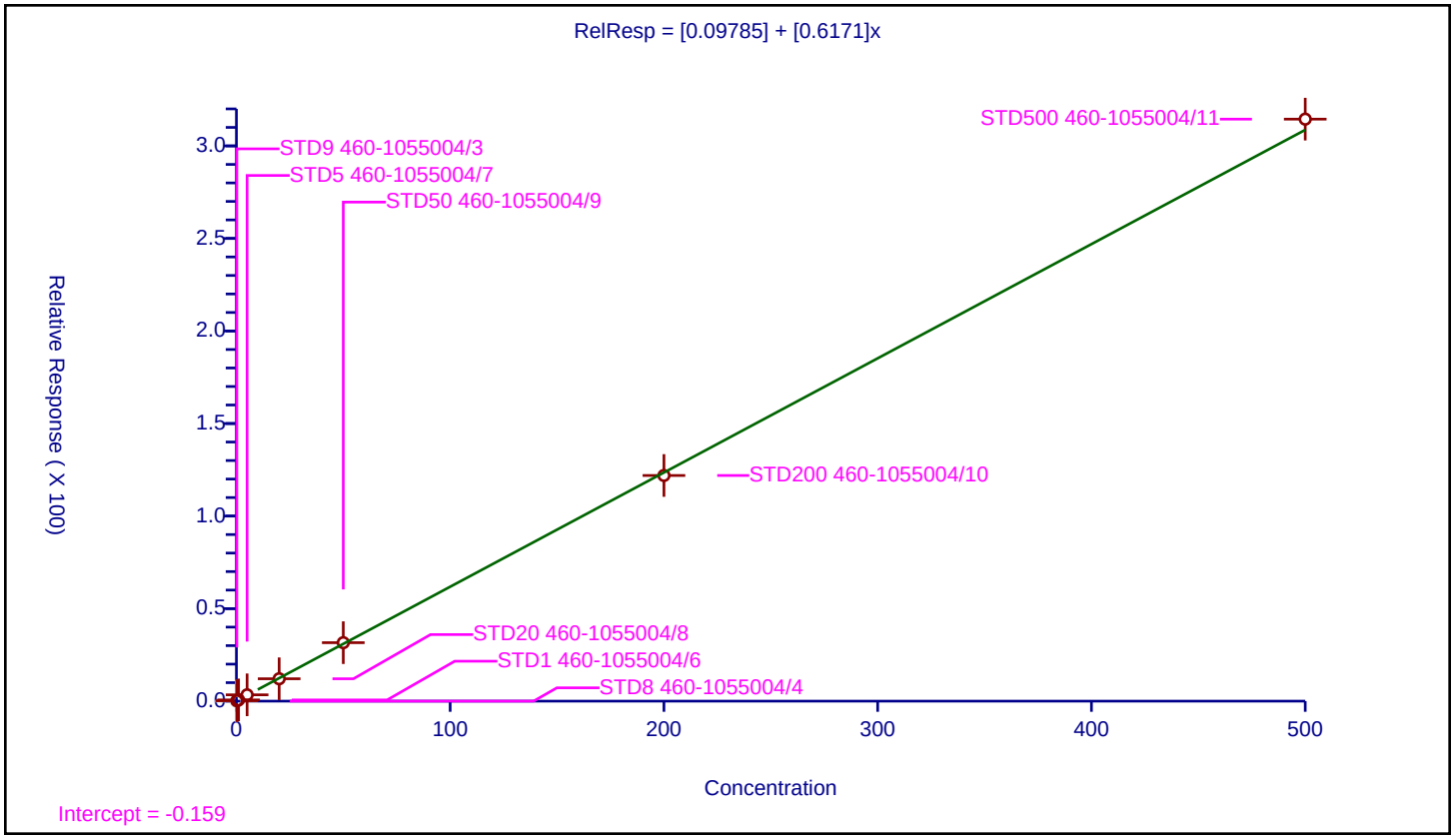
Curve Coefficients

Intercept:	0.09785
Slope:	0.6171

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.223104	50.0	266244.0	1.115518	Y
3	STD1 460-1055004/6	1.0	0.66061	50.0	220705.0	0.66061	Y
4	STD5 460-1055004/7	5.0	3.413693	50.0	221505.0	0.682739	Y
5	STD20 460-1055004/8	20.0	12.095477	50.0	228850.0	0.604774	Y
6	STD50 460-1055004/9	50.0	31.587885	50.0	230552.0	0.631758	Y
7	STD200 460-1055004/10	200.0	121.930996	50.0	259058.0	0.609655	Y
8	STD500 460-1055004/11	500.0	314.458844	50.0	276547.0	0.628918	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

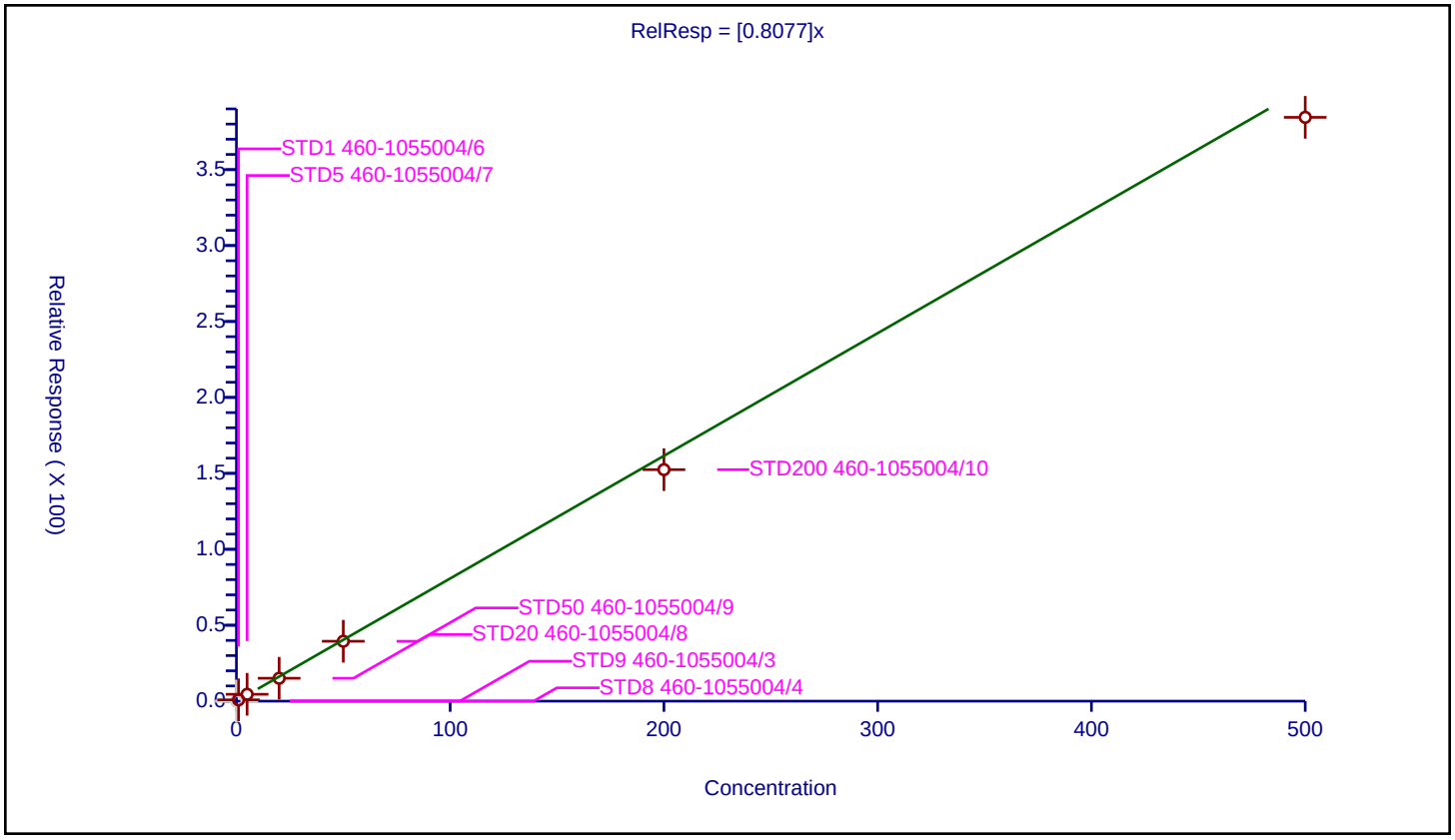
Curve Coefficients

Intercept:	0
Slope:	0.8077

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.871299	50.0	220705.0	0.871299	Y
4	STD5 460-1055004/7	5.0	4.508476	50.0	221505.0	0.901695	Y
5	STD20 460-1055004/8	20.0	15.07057	50.0	228850.0	0.753529	Y
6	STD50 460-1055004/9	50.0	39.433837	50.0	230552.0	0.788677	Y
7	STD200 460-1055004/10	200.0	152.443082	50.0	259058.0	0.762215	Y
8	STD500 460-1055004/11	500.0	384.433026	50.0	276547.0	0.768866	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

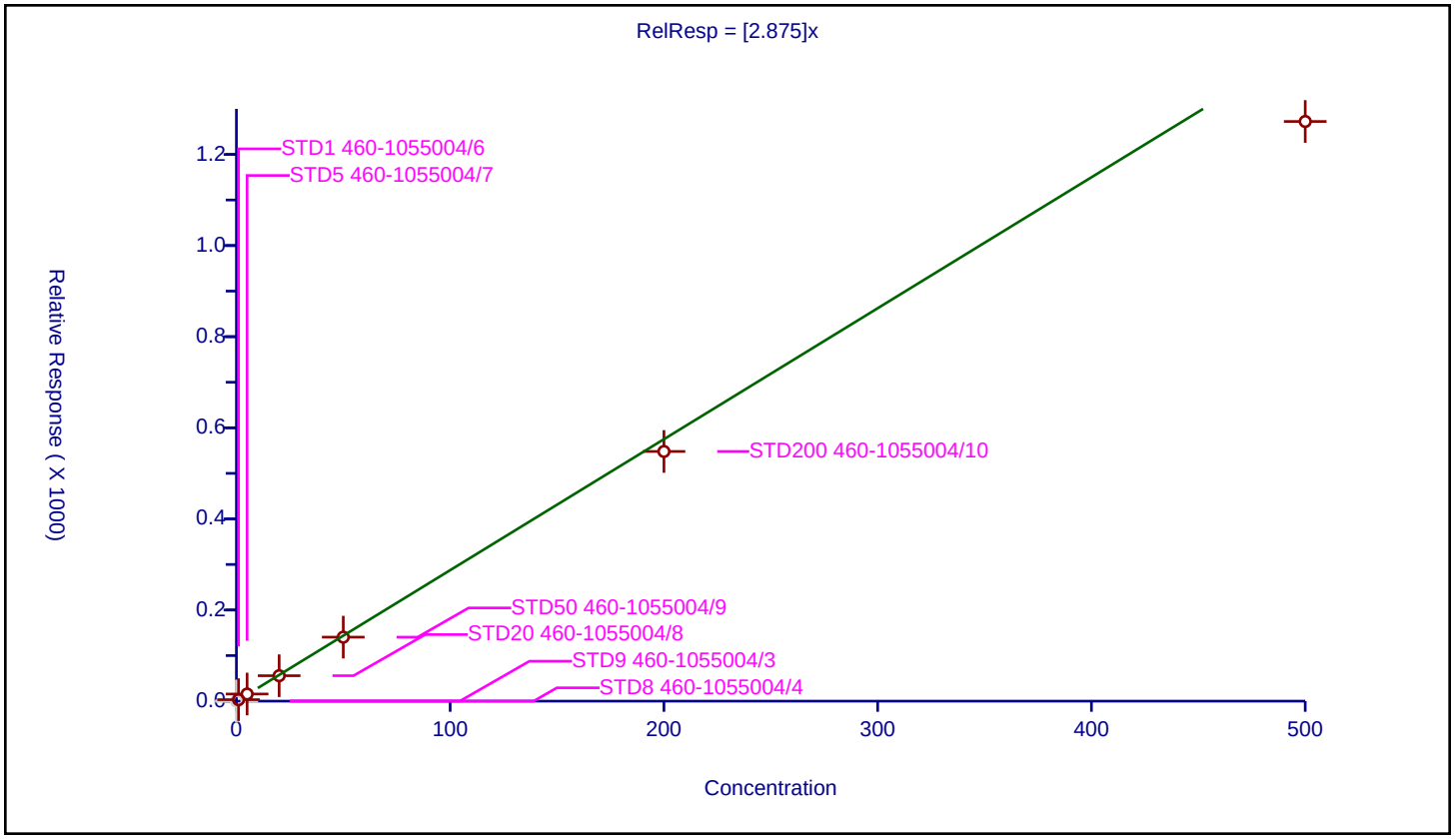
Curve Coefficients

Intercept:	0
Slope:	2.875

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	3.233049	50.0	220705.0	3.233049	Y
4	STD5 460-1055004/7	5.0	15.650663	50.0	221505.0	3.130133	Y
5	STD20 460-1055004/8	20.0	55.830457	50.0	228850.0	2.791523	Y
6	STD50 460-1055004/9	50.0	140.439033	50.0	230552.0	2.808781	Y
7	STD200 460-1055004/10	200.0	548.042523	50.0	259058.0	2.740213	Y
8	STD500 460-1055004/11	500.0	1272.326223	50.0	276547.0	2.544652	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

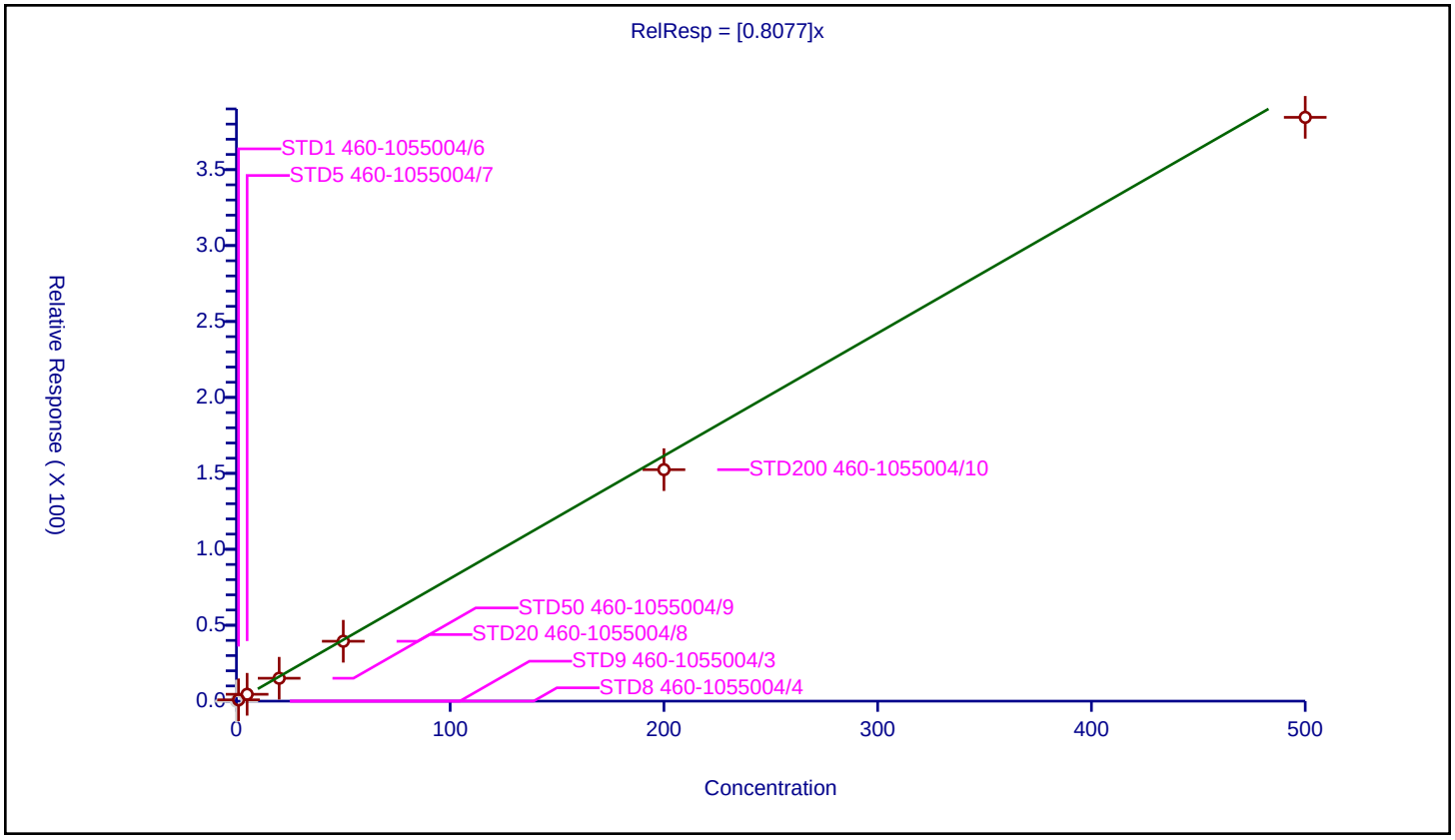
Curve Coefficients

Intercept:	0
Slope:	0.8077

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.871299	50.0	220705.0	0.871299	Y
4	STD5 460-1055004/7	5.0	4.508476	50.0	221505.0	0.901695	Y
5	STD20 460-1055004/8	20.0	15.07057	50.0	228850.0	0.753529	Y
6	STD50 460-1055004/9	50.0	39.433837	50.0	230552.0	0.788677	Y
7	STD200 460-1055004/10	200.0	152.443082	50.0	259058.0	0.762215	Y
8	STD500 460-1055004/11	500.0	384.433026	50.0	276547.0	0.768866	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

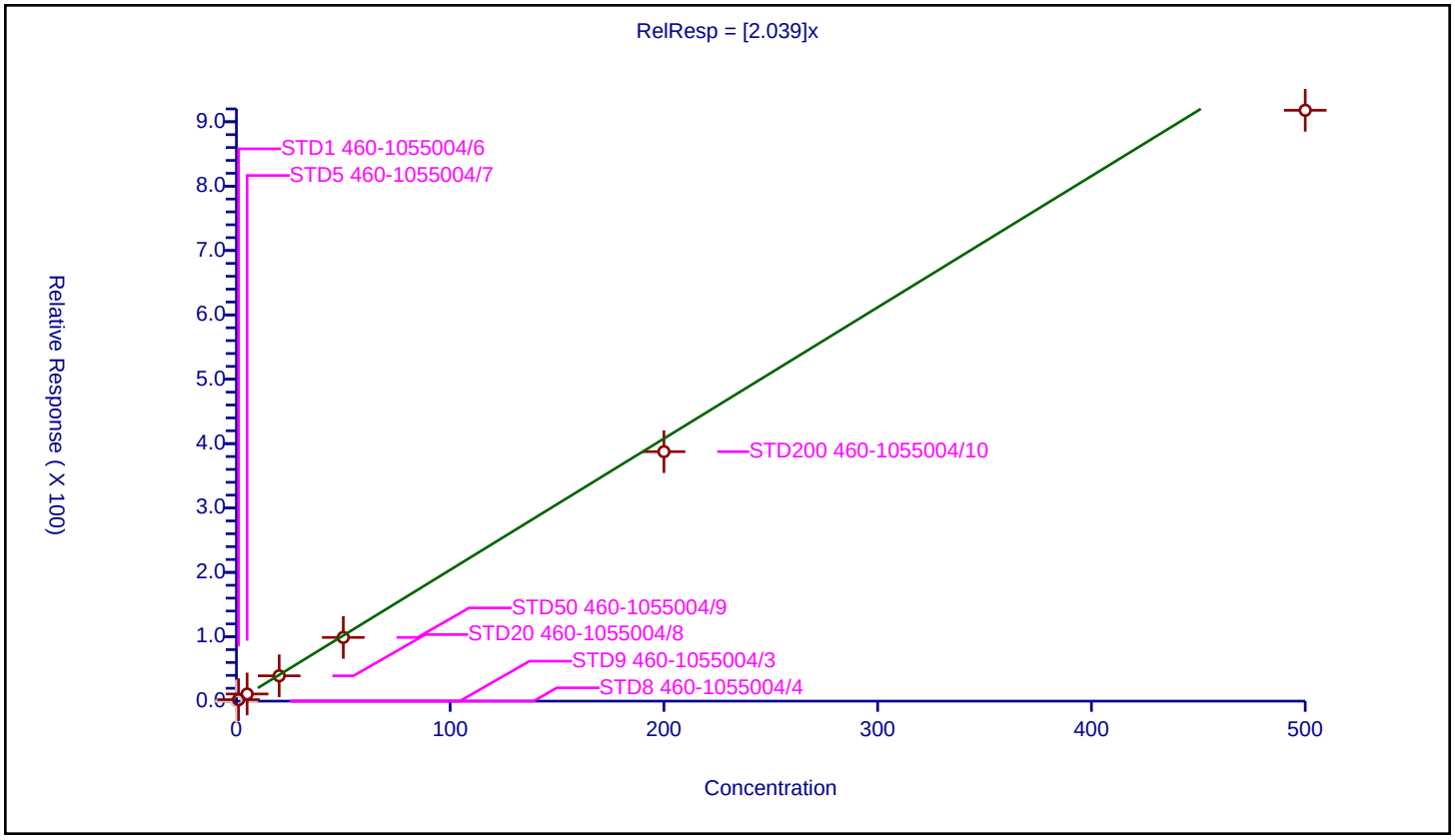
Curve Coefficients

Intercept:	0
Slope:	2.039

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.296731	50.0	220705.0	2.296731	Y
4	STD5 460-1055004/7	5.0	11.08914	50.0	221505.0	2.217828	Y
5	STD20 460-1055004/8	20.0	39.342146	50.0	228850.0	1.967107	Y
6	STD50 460-1055004/9	50.0	98.99437	50.0	230552.0	1.979887	Y
7	STD200 460-1055004/10	200.0	387.55491	50.0	259058.0	1.937775	Y
8	STD500 460-1055004/11	500.0	917.85447	50.0	276547.0	1.835709	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

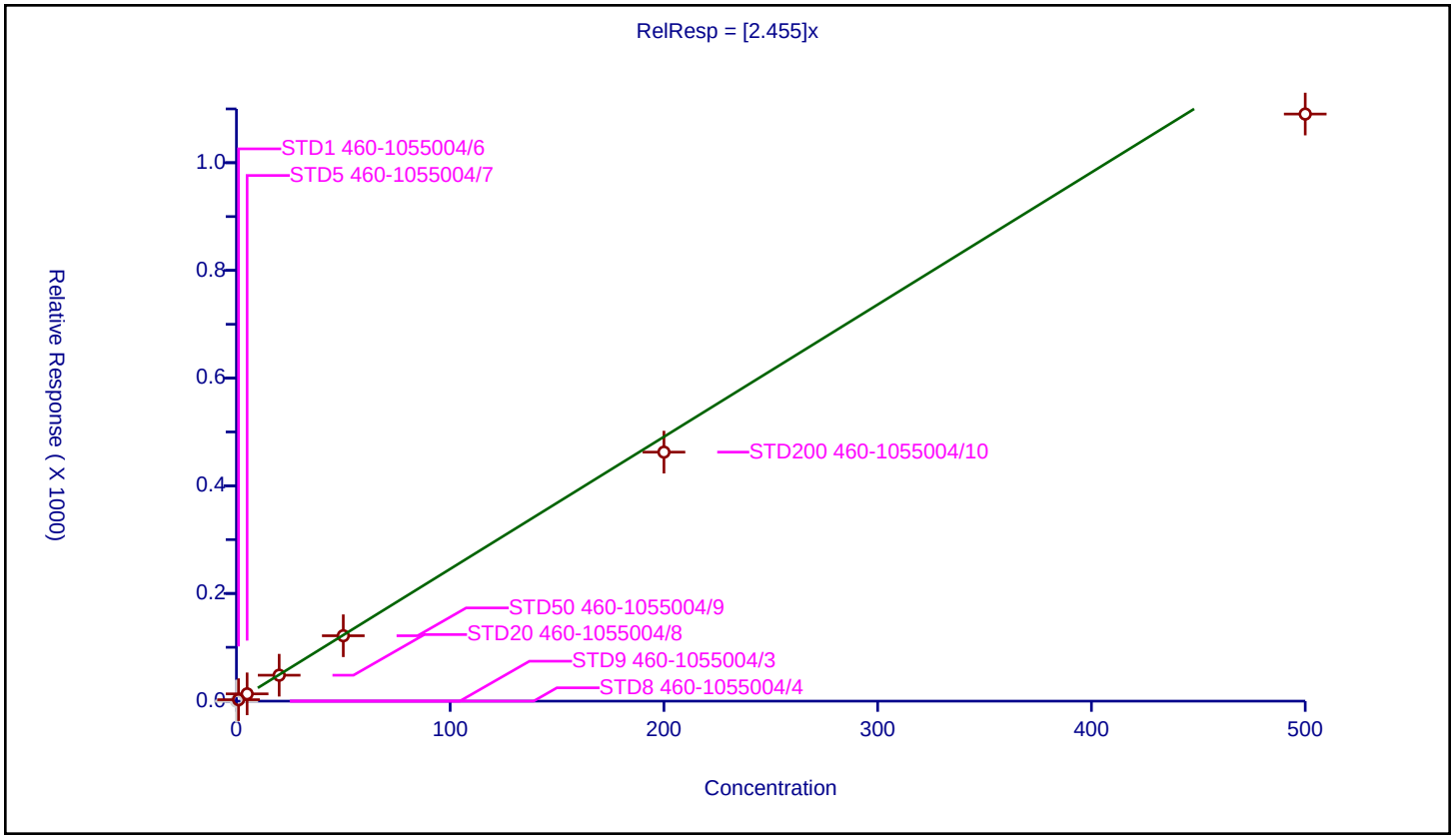
Curve Coefficients

Intercept:	0
Slope:	2.455

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.699078	50.0	220705.0	2.699078	Y
4	STD5 460-1055004/7	5.0	13.507821	50.0	221505.0	2.701564	Y
5	STD20 460-1055004/8	20.0	48.142233	50.0	228850.0	2.407112	Y
6	STD50 460-1055004/9	50.0	121.466524	50.0	230552.0	2.42933	Y
7	STD200 460-1055004/10	200.0	462.496043	50.0	259058.0	2.31248	Y
8	STD500 460-1055004/11	500.0	1090.459488	50.0	276547.0	2.180919	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

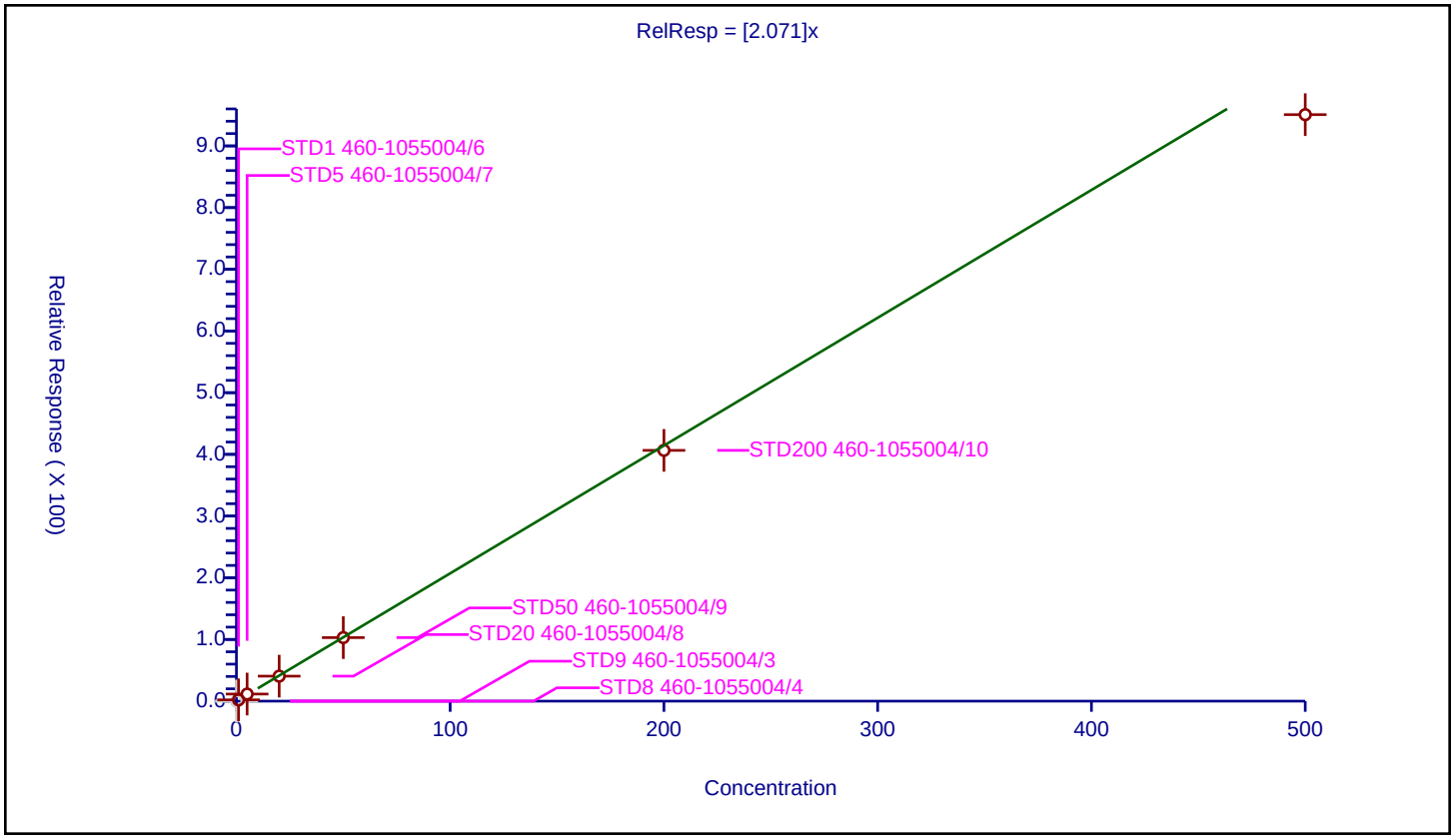
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.105072	50.0	220705.0	2.105072	Y
4	STD5 460-1055004/7	5.0	11.521636	50.0	221505.0	2.304327	Y
5	STD20 460-1055004/8	20.0	40.502731	50.0	228850.0	2.025137	Y
6	STD50 460-1055004/9	50.0	102.980672	50.0	230552.0	2.059613	Y
7	STD200 460-1055004/10	200.0	406.502405	50.0	259058.0	2.032512	Y
8	STD500 460-1055004/11	500.0	950.676738	50.0	276547.0	1.901353	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

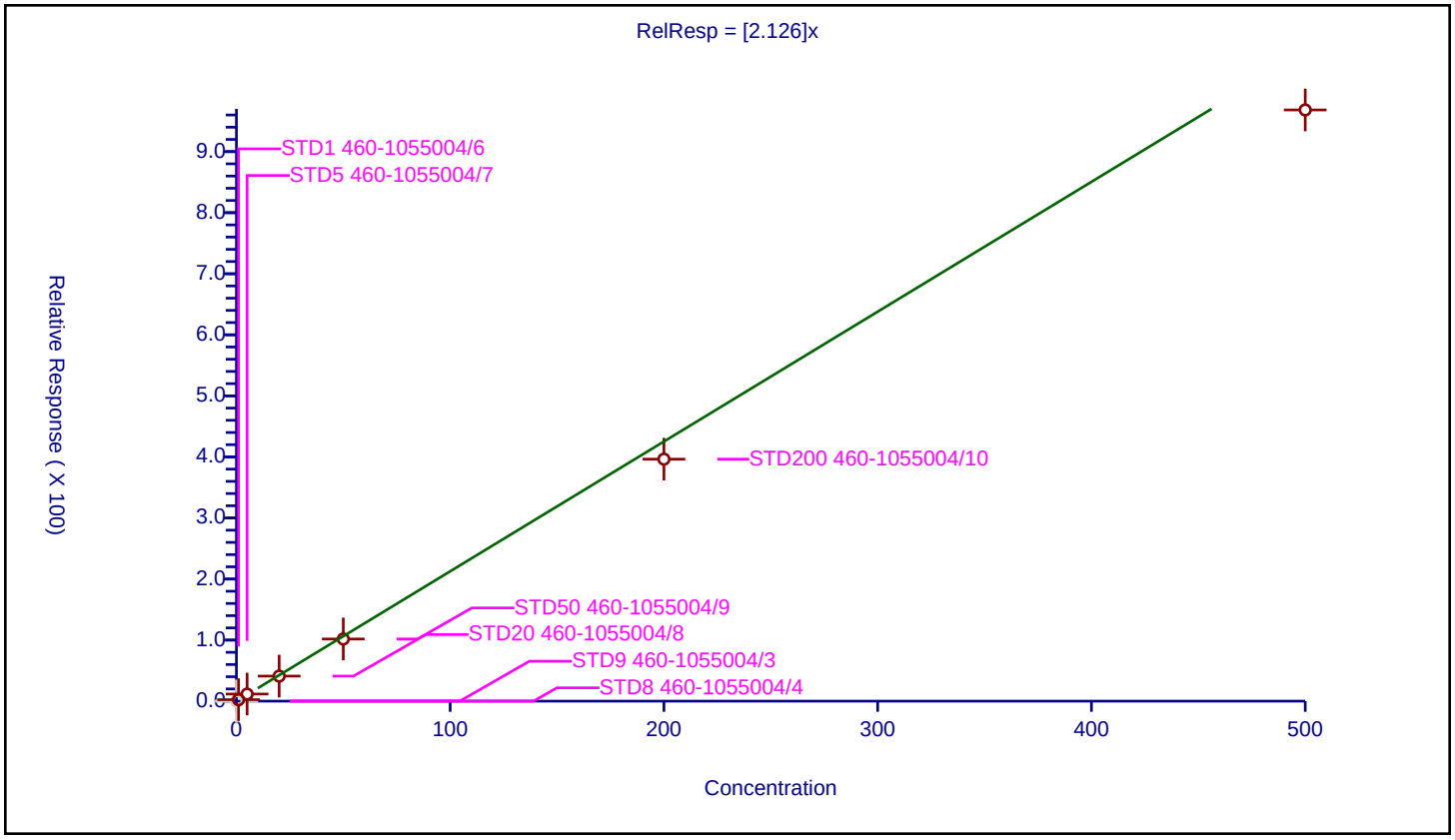
Curve Coefficients

Intercept:	0
Slope:	2.126

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.42994	50.0	220705.0	2.42994	Y
4	STD5 460-1055004/7	5.0	11.615088	50.0	221505.0	2.323018	Y
5	STD20 460-1055004/8	20.0	41.019227	50.0	228850.0	2.050961	Y
6	STD50 460-1055004/9	50.0	101.780726	50.0	230552.0	2.035615	Y
7	STD200 460-1055004/10	200.0	396.327077	50.0	259058.0	1.981635	Y
8	STD500 460-1055004/11	500.0	968.241203	50.0	276547.0	1.936482	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

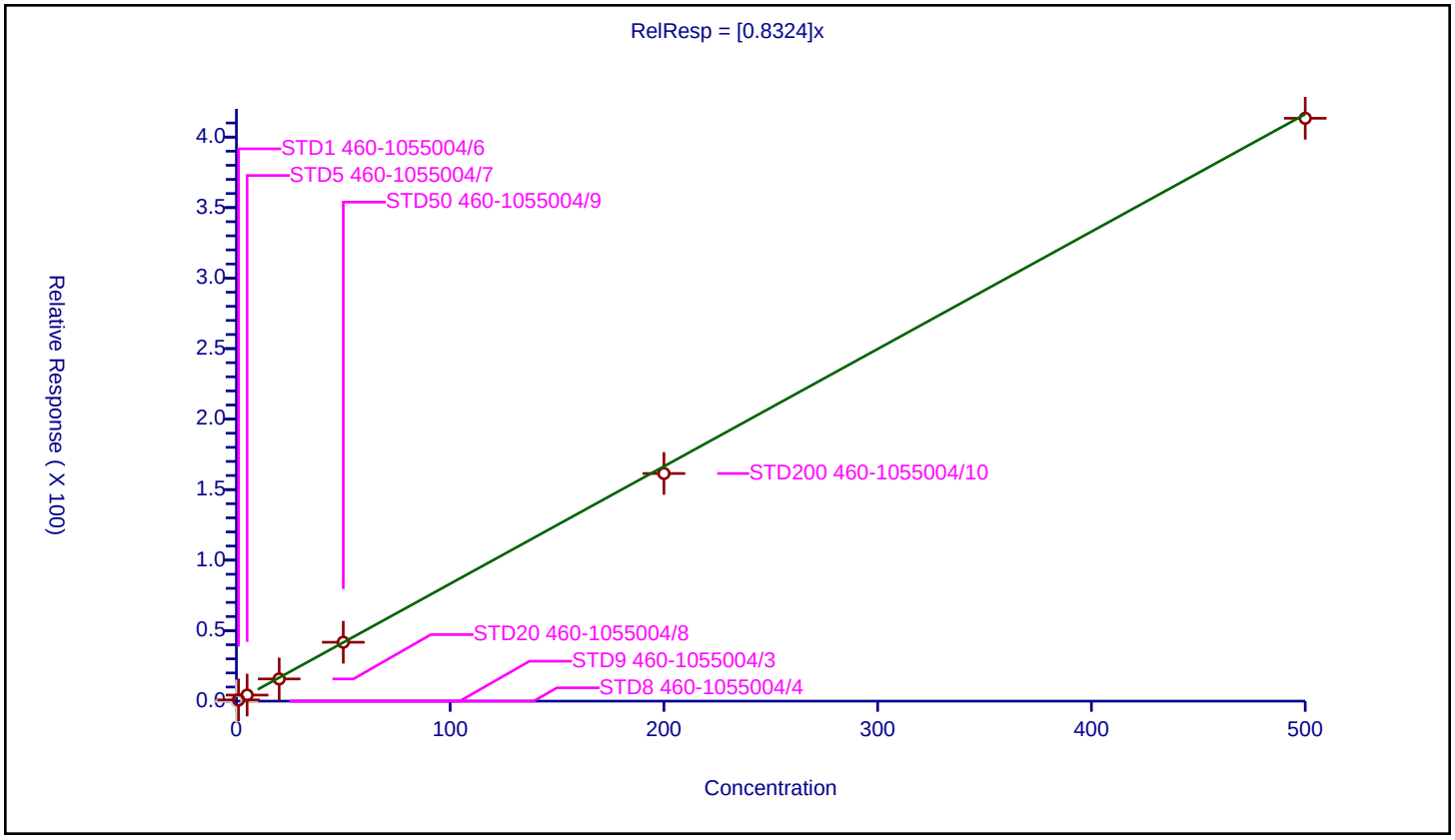
Curve Coefficients

Intercept:	0
Slope:	0.8324

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.877189	50.0	220705.0	0.877189	Y
4	STD5 460-1055004/7	5.0	4.304418	50.0	221505.0	0.860884	Y
5	STD20 460-1055004/8	20.0	15.744374	50.0	228850.0	0.787219	Y
6	STD50 460-1055004/9	50.0	41.772355	50.0	230552.0	0.835447	Y
7	STD200 460-1055004/10	200.0	161.448016	50.0	259058.0	0.80724	Y
8	STD500 460-1055004/11	500.0	413.348002	50.0	276547.0	0.826696	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

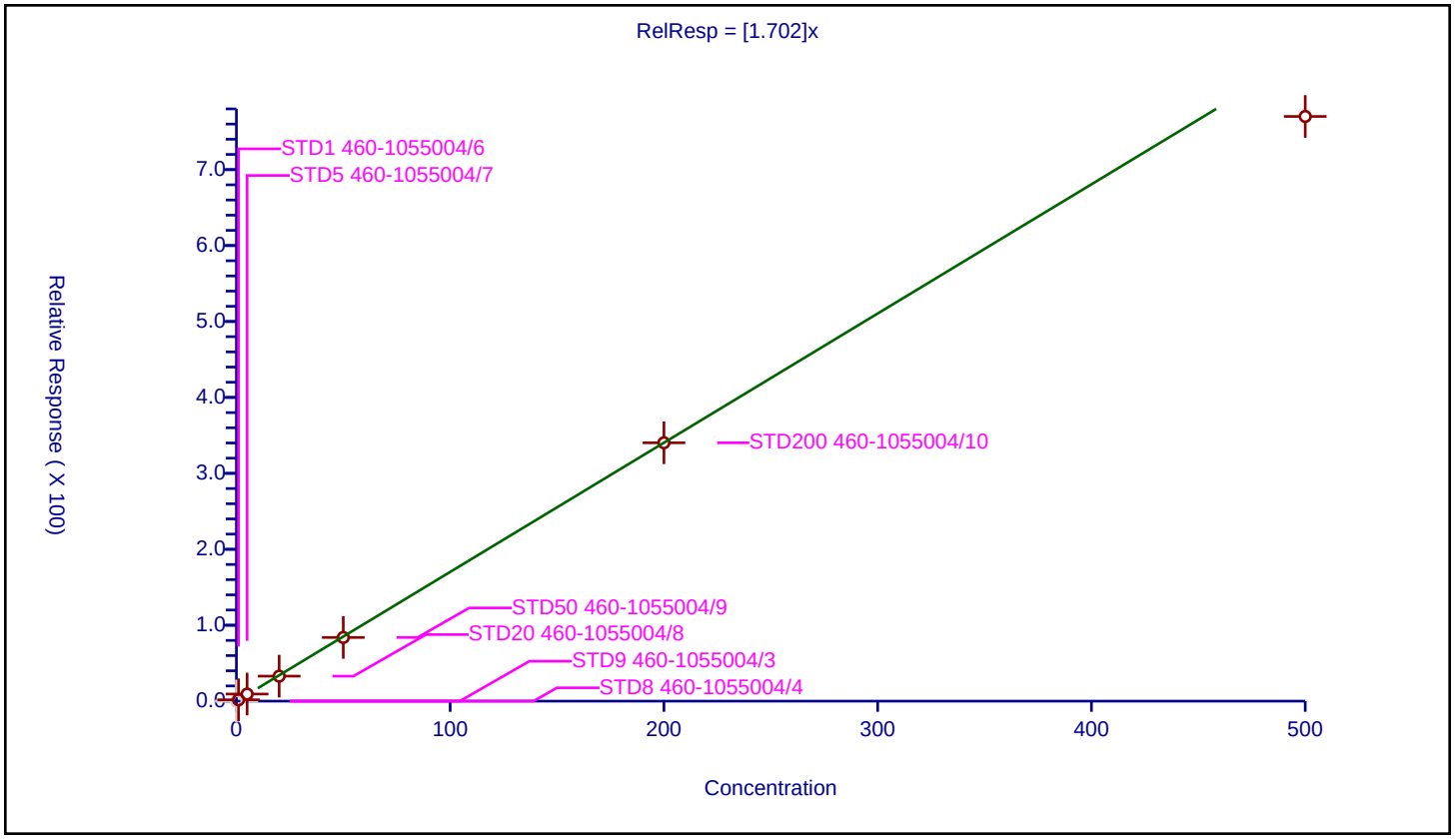
Curve Coefficients

Intercept:	0
Slope:	1.702

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.778165	50.0	220705.0	1.778165	Y
4	STD5 460-1055004/7	5.0	9.342453	50.0	221505.0	1.868491	Y
5	STD20 460-1055004/8	20.0	32.902556	50.0	228850.0	1.645128	Y
6	STD50 460-1055004/9	50.0	83.845293	50.0	230552.0	1.676906	Y
7	STD200 460-1055004/10	200.0	340.274379	50.0	259058.0	1.701372	Y
8	STD500 460-1055004/11	500.0	770.034027	50.0	276547.0	1.540068	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

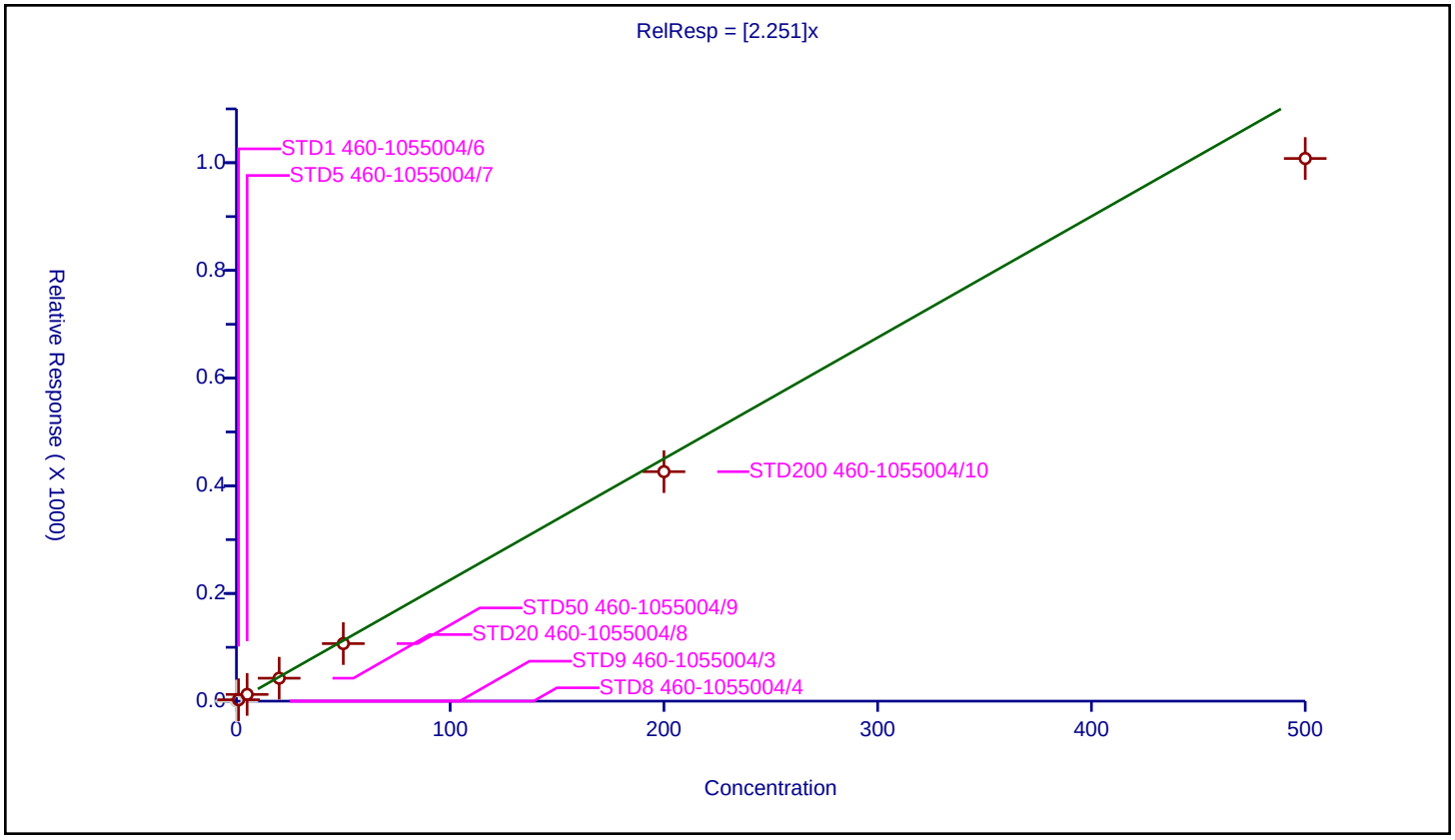
Curve Coefficients

Intercept:	0
Slope:	2.251

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.592148	50.0	220705.0	2.592148	Y
4	STD5 460-1055004/7	5.0	12.494978	50.0	221505.0	2.498996	Y
5	STD20 460-1055004/8	20.0	42.614376	50.0	228850.0	2.130719	Y
6	STD50 460-1055004/9	50.0	106.889335	50.0	230552.0	2.137787	Y
7	STD200 460-1055004/10	200.0	426.244123	50.0	259058.0	2.131221	Y
8	STD500 460-1055004/11	500.0	1007.90372	50.0	276547.0	2.015807	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

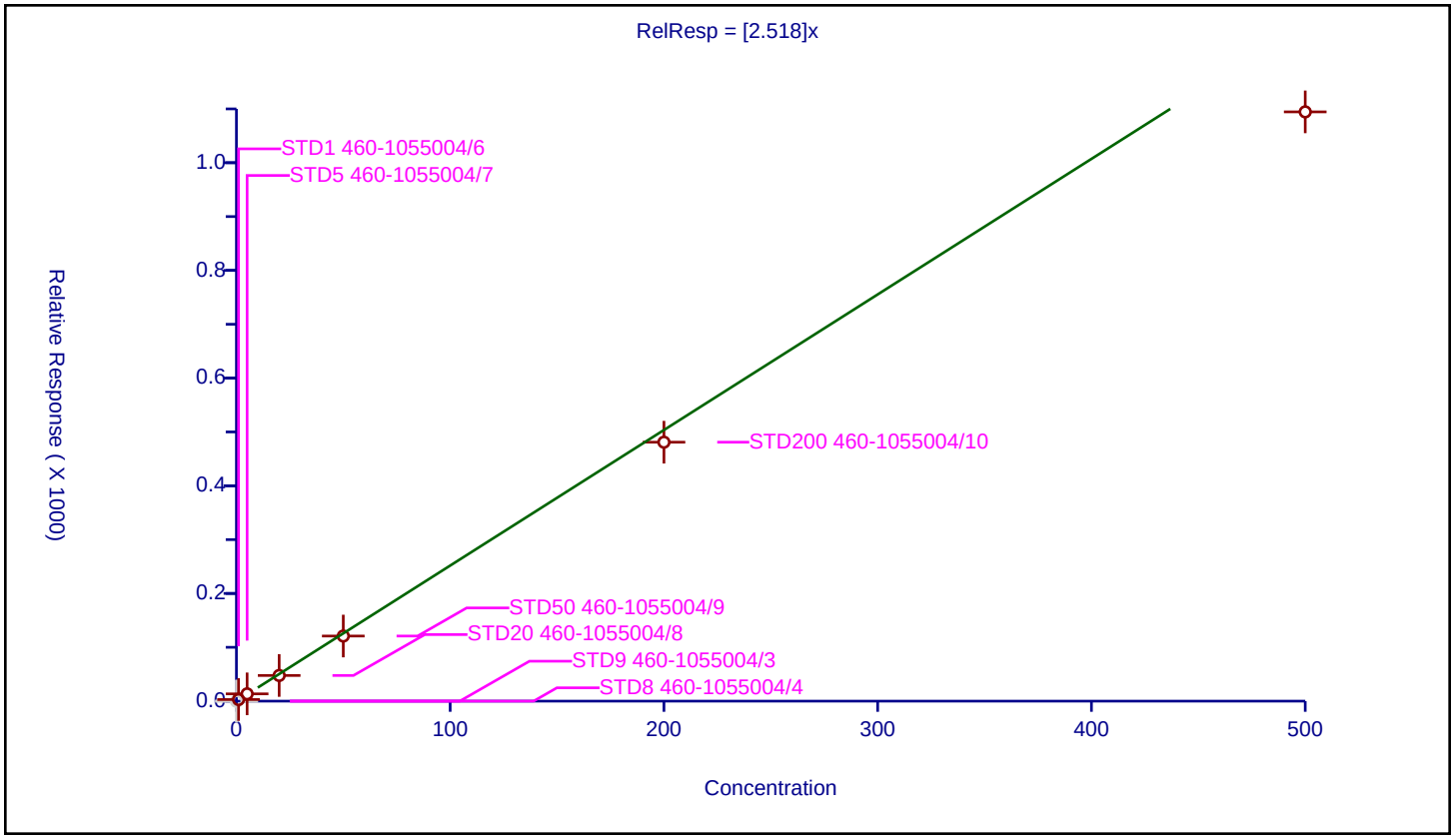
Curve Coefficients

Intercept:	0
Slope:	2.518

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	3.005143	50.0	220705.0	3.005143	Y
4	STD5 460-1055004/7	5.0	13.534457	50.0	221505.0	2.706891	Y
5	STD20 460-1055004/8	20.0	47.650208	50.0	228850.0	2.38251	Y
6	STD50 460-1055004/9	50.0	120.936925	50.0	230552.0	2.418739	Y
7	STD200 460-1055004/10	200.0	480.929946	50.0	259058.0	2.40465	Y
8	STD500 460-1055004/11	500.0	1094.453926	50.0	276547.0	2.188908	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

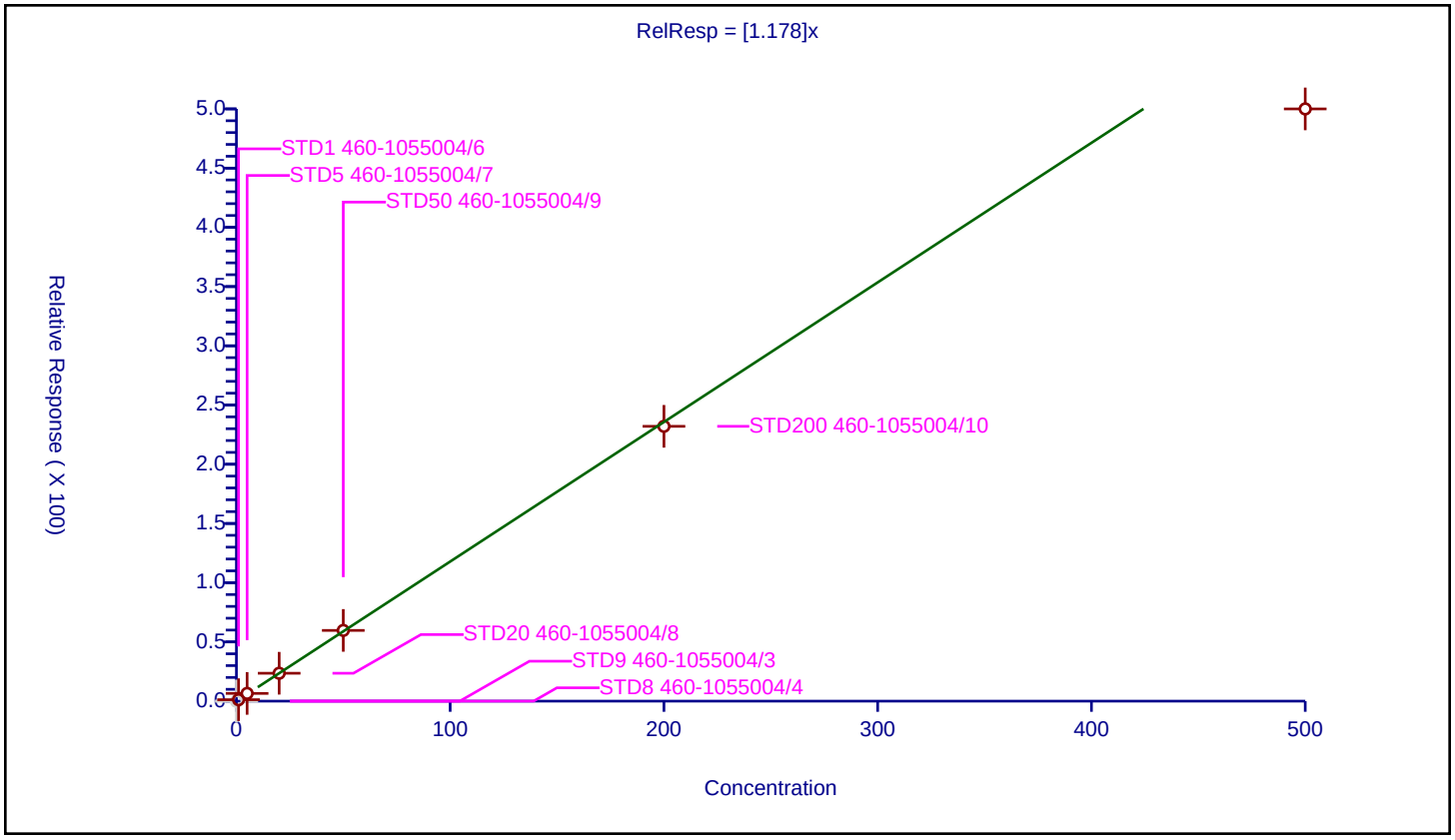
Curve Coefficients

Intercept:	0
Slope:	1.178

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.231055	50.0	220705.0	1.231055	Y
4	STD5 460-1055004/7	5.0	6.53597	50.0	221505.0	1.307194	Y
5	STD20 460-1055004/8	20.0	23.546209	50.0	228850.0	1.17731	Y
6	STD50 460-1055004/9	50.0	59.72015	50.0	230552.0	1.194403	Y
7	STD200 460-1055004/10	200.0	232.006539	50.0	259058.0	1.160033	Y
8	STD500 460-1055004/11	500.0	499.971614	50.0	276547.0	0.999943	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

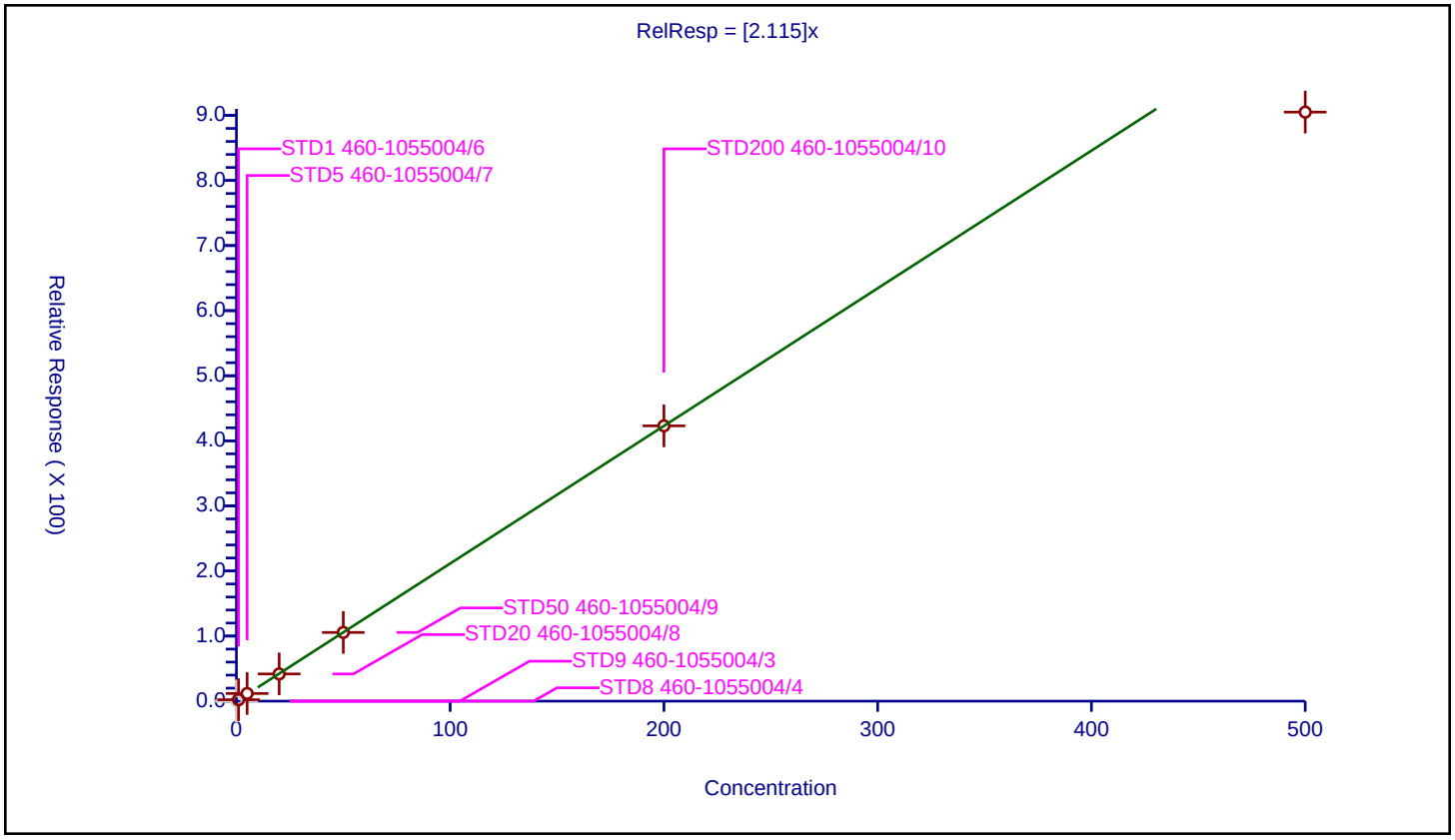
Curve Coefficients

Intercept:	0
Slope:	2.115

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.20362	50.0	220705.0	2.20362	Y
4	STD5 460-1055004/7	5.0	11.783933	50.0	221505.0	2.356787	Y
5	STD20 460-1055004/8	20.0	41.814507	50.0	228850.0	2.090725	Y
6	STD50 460-1055004/9	50.0	105.548206	50.0	230552.0	2.110964	Y
7	STD200 460-1055004/10	200.0	423.022065	50.0	259058.0	2.11511	Y
8	STD500 460-1055004/11	500.0	905.03983	50.0	276547.0	1.81008	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

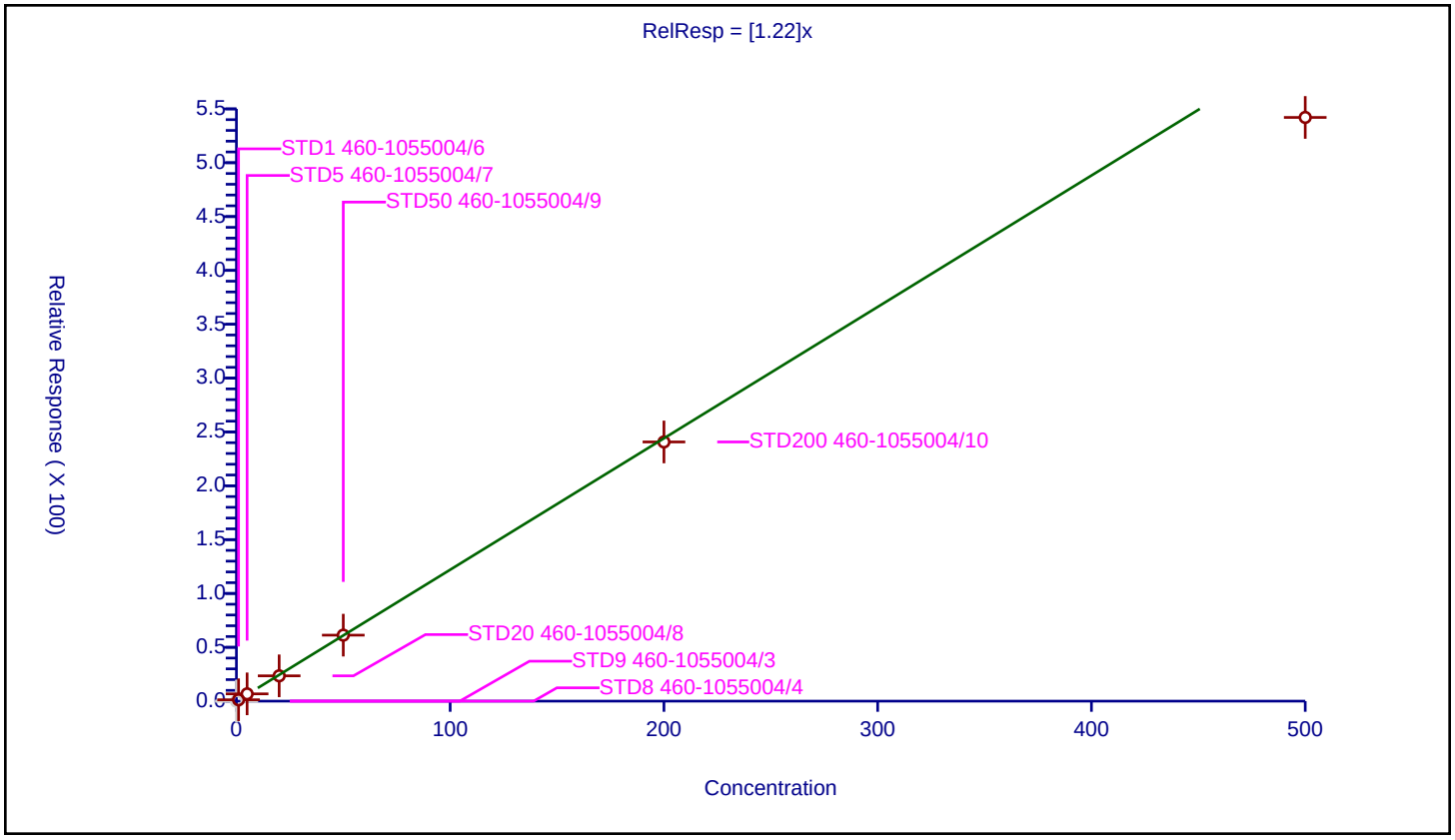
Curve Coefficients

Intercept:	0
Slope:	1.22

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.282481	50.0	220705.0	1.282481	Y
4	STD5 460-1055004/7	5.0	6.755604	50.0	221505.0	1.351121	Y
5	STD20 460-1055004/8	20.0	23.506227	50.0	228850.0	1.175311	Y
6	STD50 460-1055004/9	50.0	61.275981	50.0	230552.0	1.22552	Y
7	STD200 460-1055004/10	200.0	240.701696	50.0	259058.0	1.203508	Y
8	STD500 460-1055004/11	500.0	542.064821	50.0	276547.0	1.08413	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

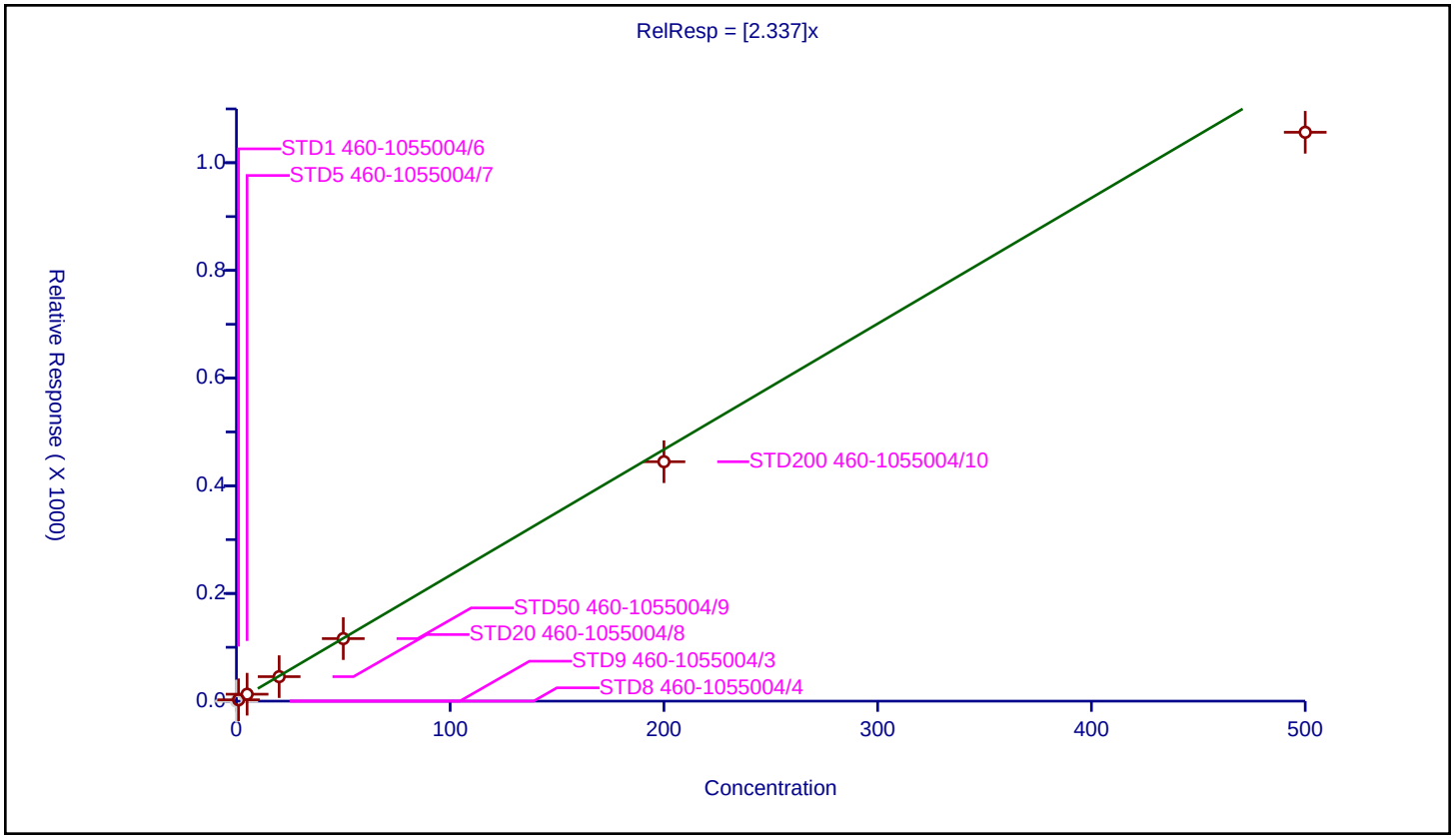
Curve Coefficients

Intercept:	0
Slope:	2.337

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.508552	50.0	220705.0	2.508552	Y
4	STD5 460-1055004/7	5.0	12.888874	50.0	221505.0	2.577775	Y
5	STD20 460-1055004/8	20.0	45.504916	50.0	228850.0	2.275246	Y
6	STD50 460-1055004/9	50.0	116.108513	50.0	230552.0	2.32217	Y
7	STD200 460-1055004/10	200.0	444.679184	50.0	259058.0	2.223396	Y
8	STD500 460-1055004/11	500.0	1056.550243	50.0	276547.0	2.1131	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

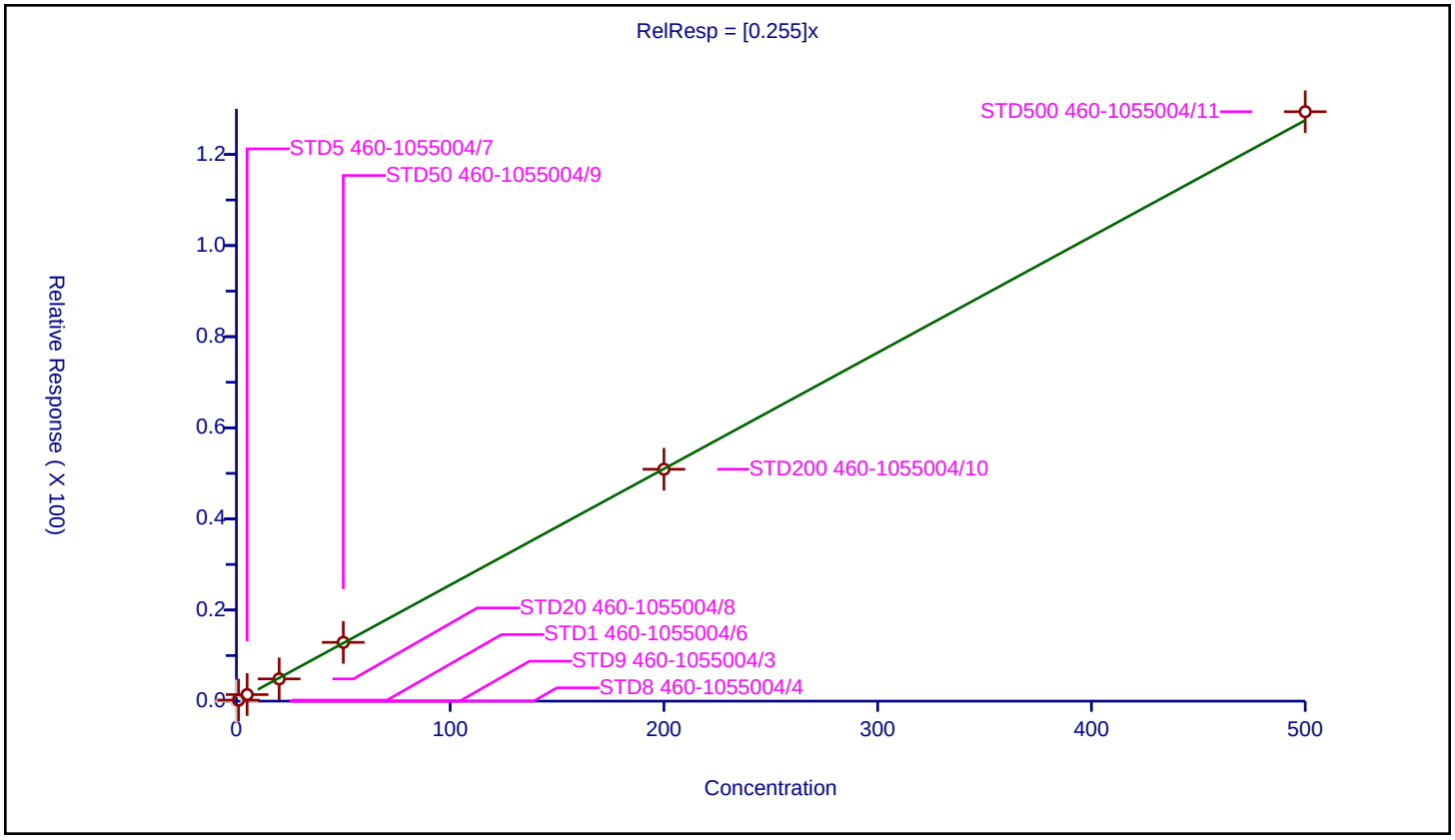
Curve Coefficients

Intercept:	0
Slope:	0.255

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.227226	50.0	220705.0	0.227226	Y
4	STD5 460-1055004/7	5.0	1.436311	50.0	221505.0	0.287262	Y
5	STD20 460-1055004/8	20.0	4.882019	50.0	228850.0	0.244101	Y
6	STD50 460-1055004/9	50.0	12.901862	50.0	230552.0	0.258037	Y
7	STD200 460-1055004/10	200.0	50.899219	50.0	259058.0	0.254496	Y
8	STD500 460-1055004/11	500.0	129.381082	50.0	276547.0	0.258762	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

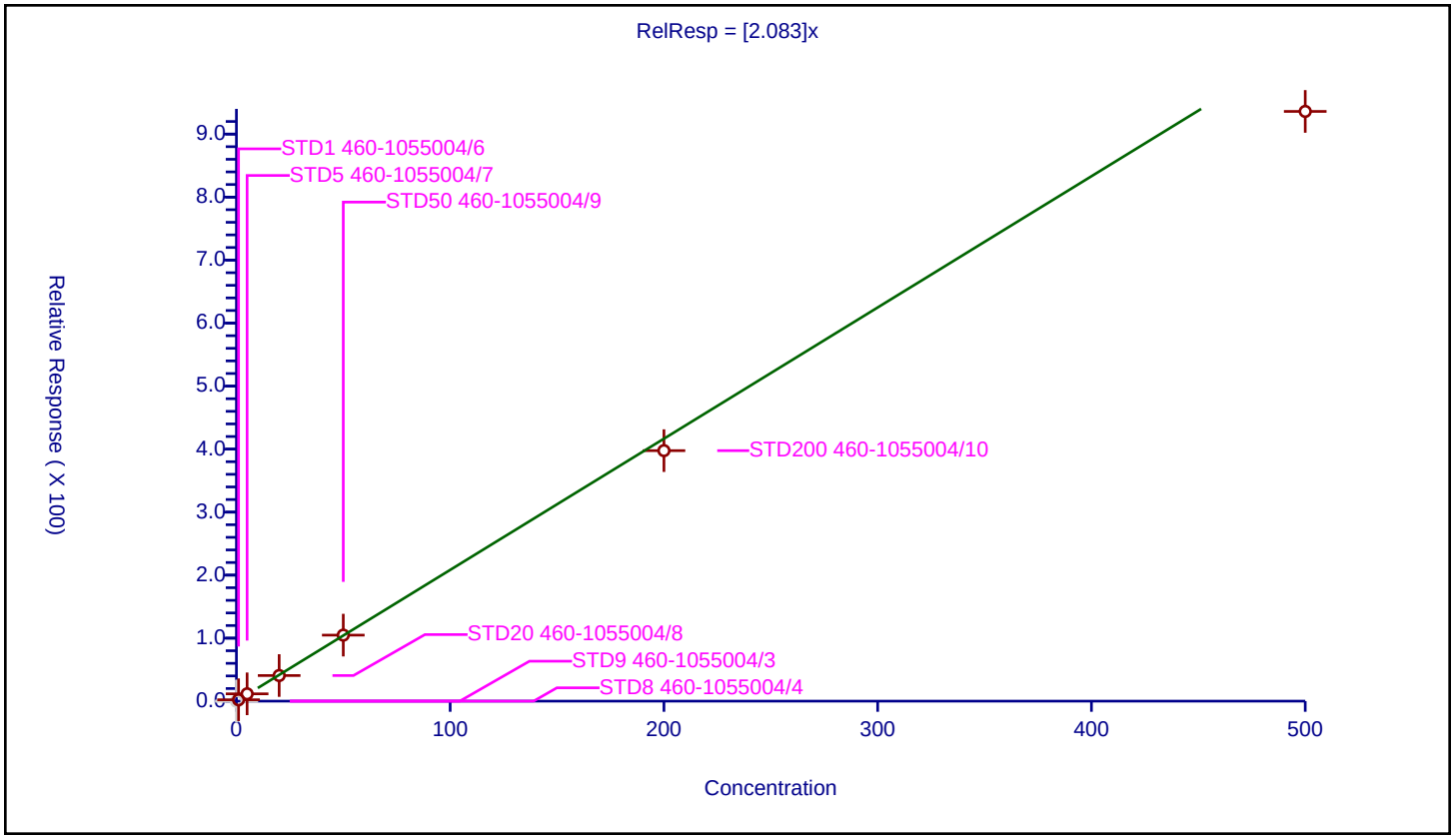
Curve Coefficients

Intercept:	0
Slope:	2.083

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.186403	50.0	220705.0	2.186403	Y
4	STD5 460-1055004/7	5.0	11.618699	50.0	221505.0	2.32374	Y
5	STD20 460-1055004/8	20.0	40.624645	50.0	228850.0	2.031232	Y
6	STD50 460-1055004/9	50.0	104.755109	50.0	230552.0	2.095102	Y
7	STD200 460-1055004/10	200.0	397.584711	50.0	259058.0	1.987924	Y
8	STD500 460-1055004/11	500.0	935.989362	50.0	276547.0	1.871979	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

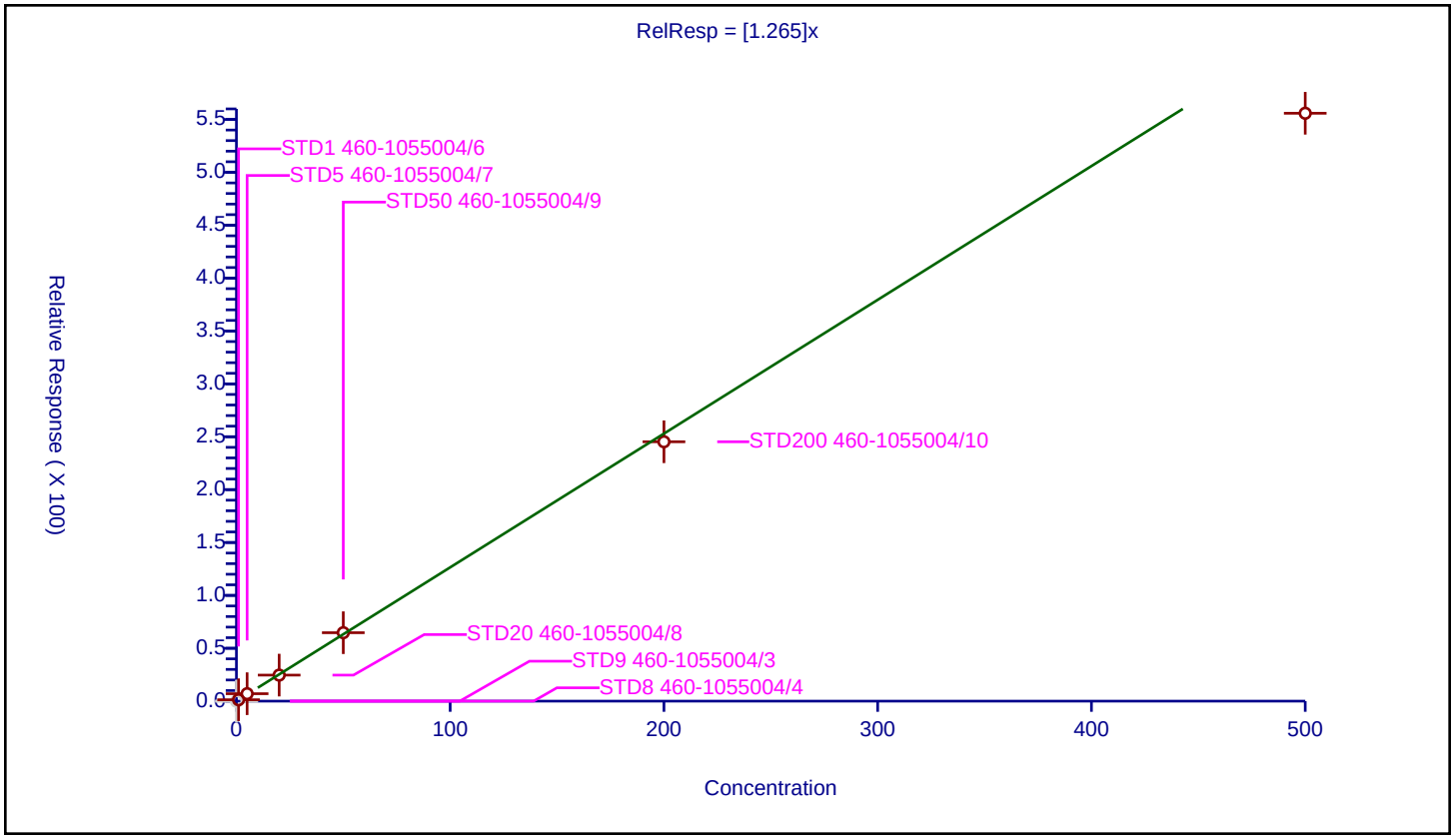
Curve Coefficients

Intercept:	0
Slope:	1.265

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.320314	50.0	220705.0	1.320314	Y
4	STD5 460-1055004/7	5.0	7.02851	50.0	221505.0	1.405702	Y
5	STD20 460-1055004/8	20.0	24.614595	50.0	228850.0	1.23073	Y
6	STD50 460-1055004/9	50.0	64.718372	50.0	230552.0	1.294367	Y
7	STD200 460-1055004/10	200.0	245.242764	50.0	259058.0	1.226214	Y
8	STD500 460-1055004/11	500.0	555.861391	50.0	276547.0	1.111723	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

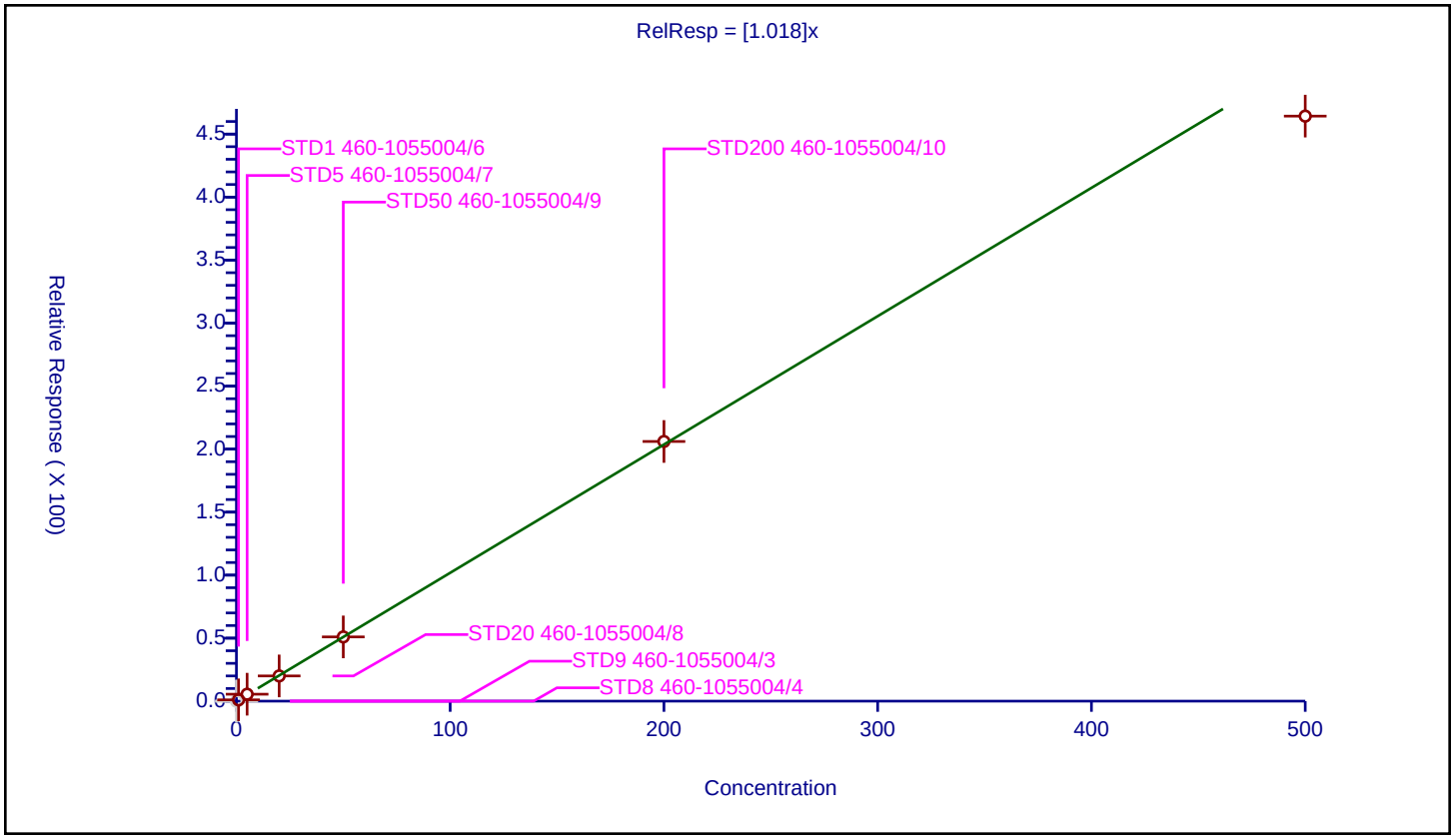
Curve Coefficients

Intercept:	0
Slope:	1.018

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.027843	50.0	220705.0	1.027843	Y
4	STD5 460-1055004/7	5.0	5.515903	50.0	221505.0	1.103181	Y
5	STD20 460-1055004/8	20.0	20.015075	50.0	228850.0	1.000754	Y
6	STD50 460-1055004/9	50.0	50.95987	50.0	230552.0	1.019197	Y
7	STD200 460-1055004/10	200.0	206.059068	50.0	259058.0	1.030295	Y
8	STD500 460-1055004/11	500.0	464.265025	50.0	276547.0	0.92853	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

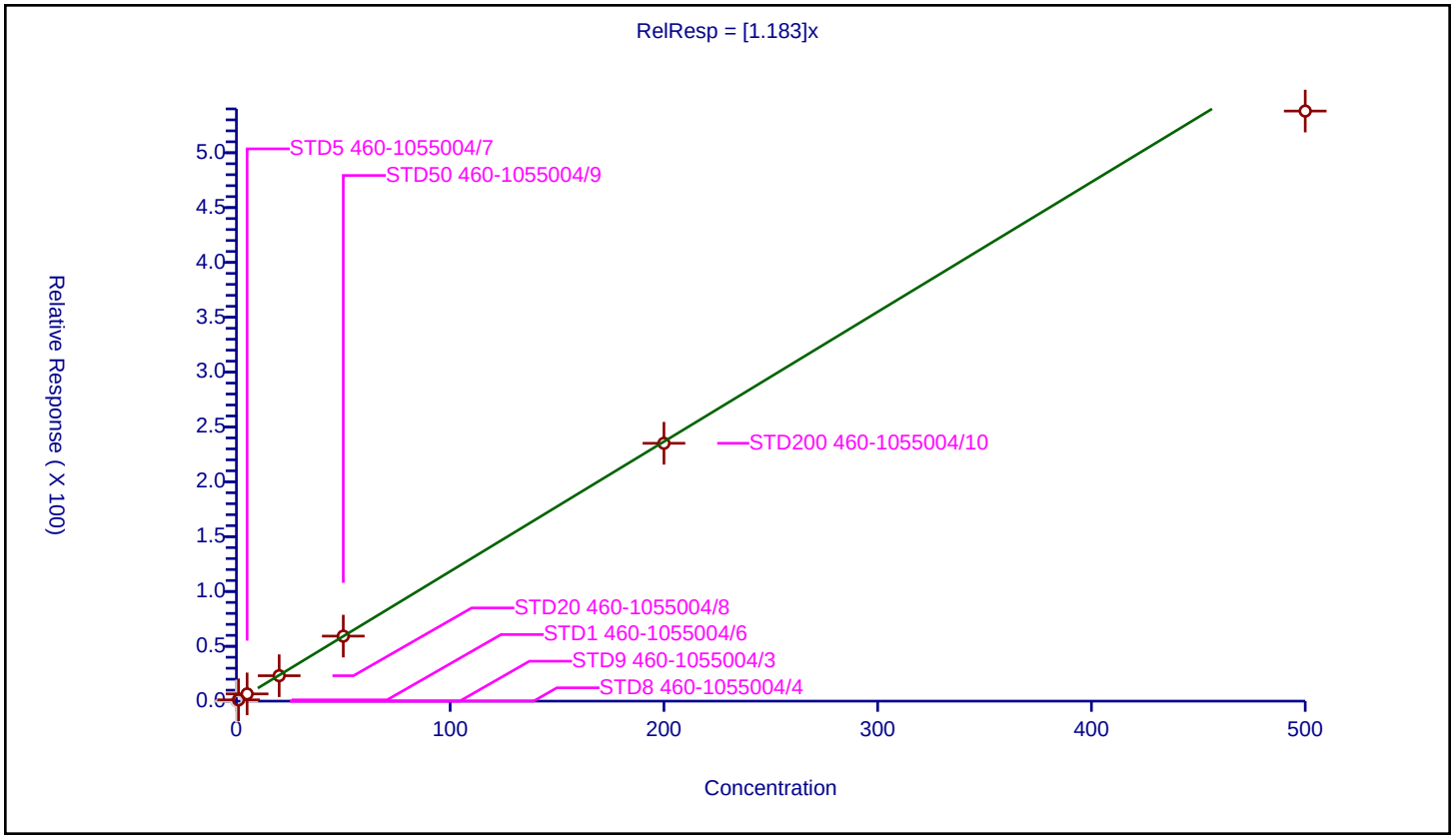
Curve Coefficients

Intercept:	0
Slope:	1.183

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	1.182347	50.0	220705.0	1.182347	Y
4	STD5 460-1055004/7	5.0	6.5994	50.0	221505.0	1.31988	Y
5	STD20 460-1055004/8	20.0	23.187678	50.0	228850.0	1.159384	Y
6	STD50 460-1055004/9	50.0	59.278167	50.0	230552.0	1.185563	Y
7	STD200 460-1055004/10	200.0	235.114337	50.0	259058.0	1.175572	Y
8	STD500 460-1055004/11	500.0	538.034764	50.0	276547.0	1.07607	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

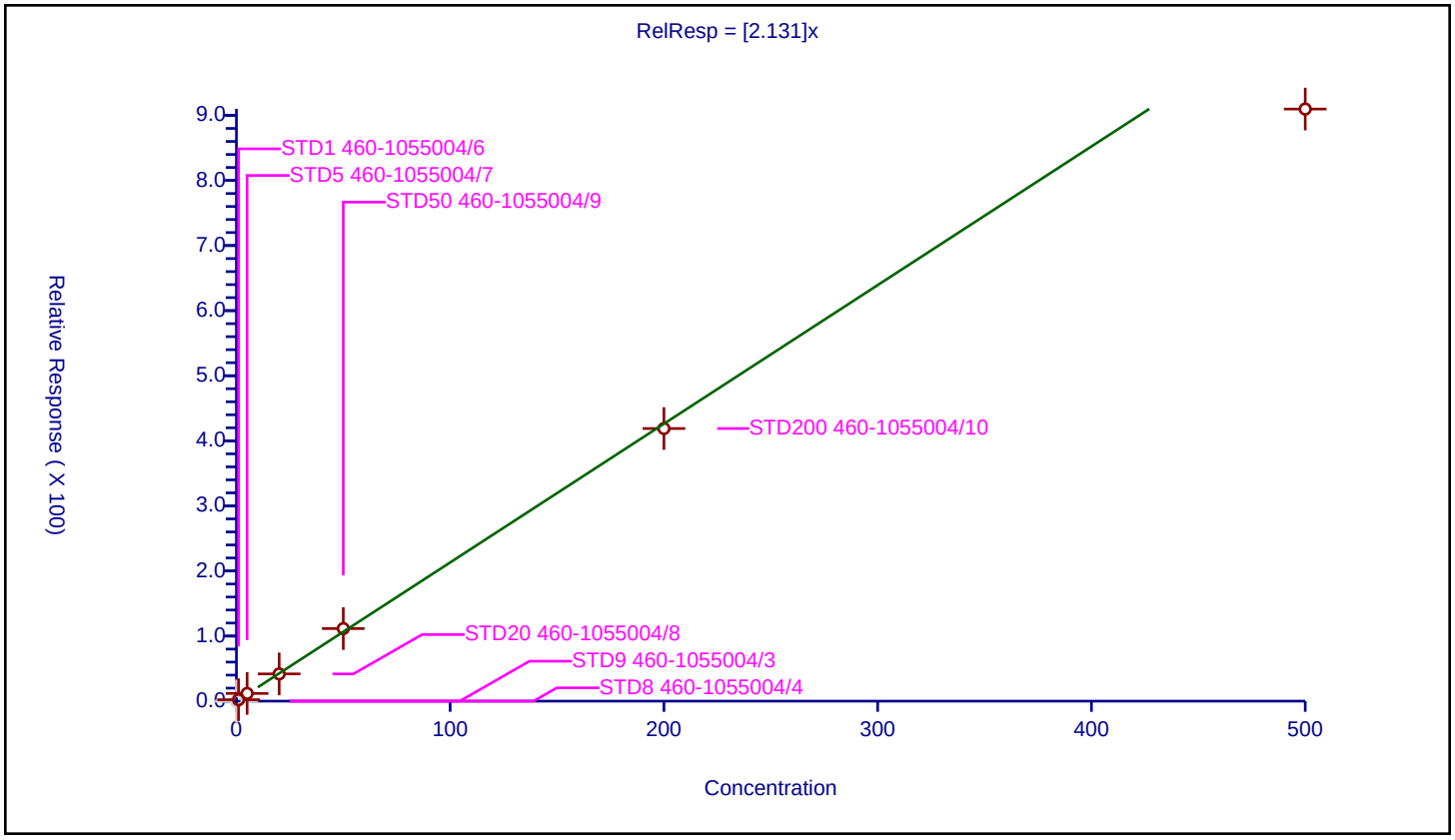
Curve Coefficients

Intercept:	0
Slope:	2.131

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.175982	50.0	220705.0	2.175982	Y
4	STD5 460-1055004/7	5.0	11.863841	50.0	221505.0	2.372768	Y
5	STD20 460-1055004/8	20.0	41.847061	50.0	228850.0	2.092353	Y
6	STD50 460-1055004/9	50.0	111.492852	50.0	230552.0	2.229857	Y
7	STD200 460-1055004/10	200.0	418.880521	50.0	259058.0	2.094403	Y
8	STD500 460-1055004/11	500.0	909.743913	50.0	276547.0	1.819488	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

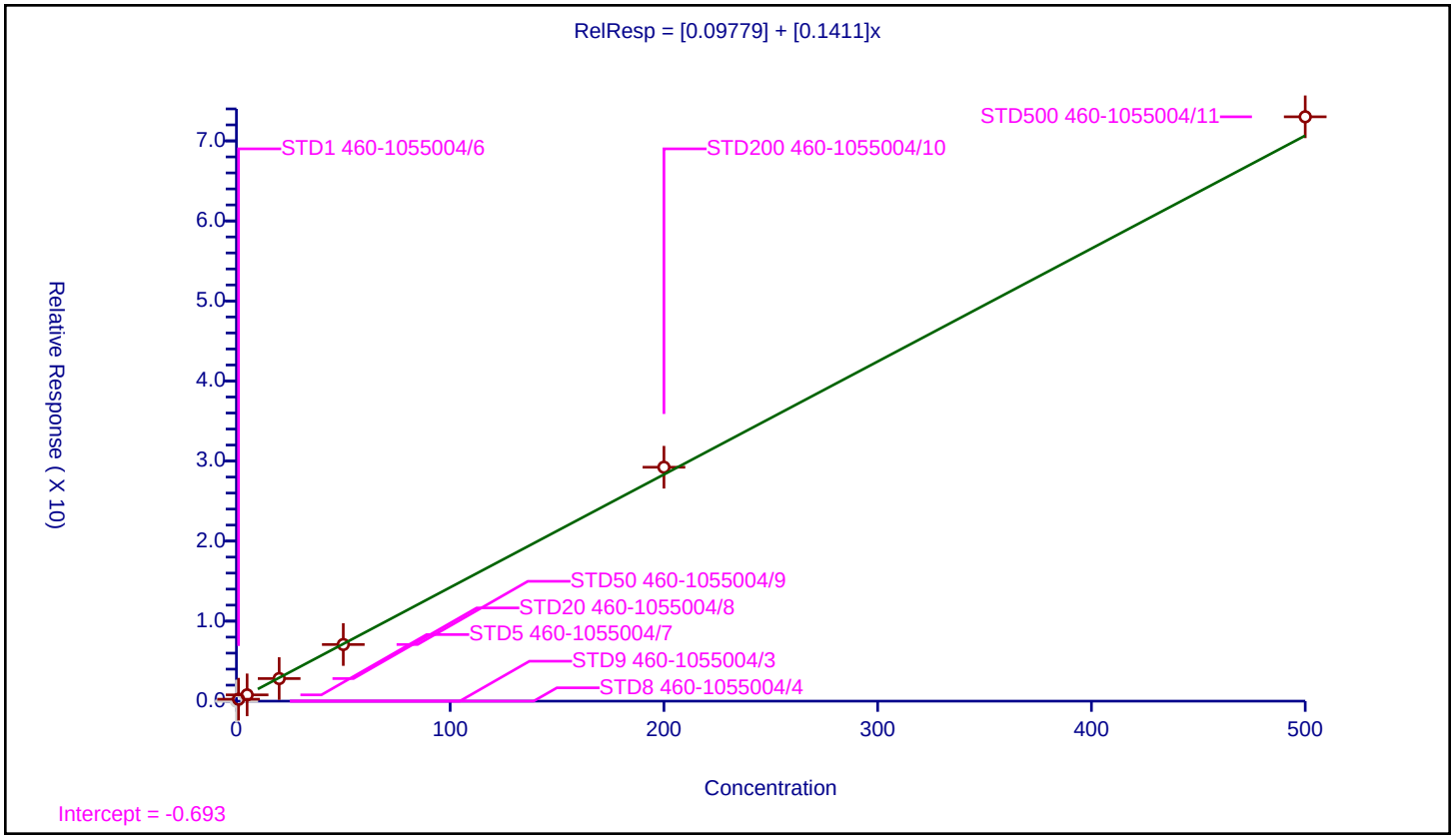
Curve Coefficients

Intercept:	0.09779
Slope:	0.1411

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.239913	50.0	220705.0	0.239913	Y
4	STD5 460-1055004/7	5.0	0.784632	50.0	221505.0	0.156926	Y
5	STD20 460-1055004/8	20.0	2.821717	50.0	228850.0	0.141086	Y
6	STD50 460-1055004/9	50.0	7.077796	50.0	230552.0	0.141556	Y
7	STD200 460-1055004/10	200.0	29.226467	50.0	259058.0	0.146132	Y
8	STD500 460-1055004/11	500.0	73.011098	50.0	276547.0	0.146022	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

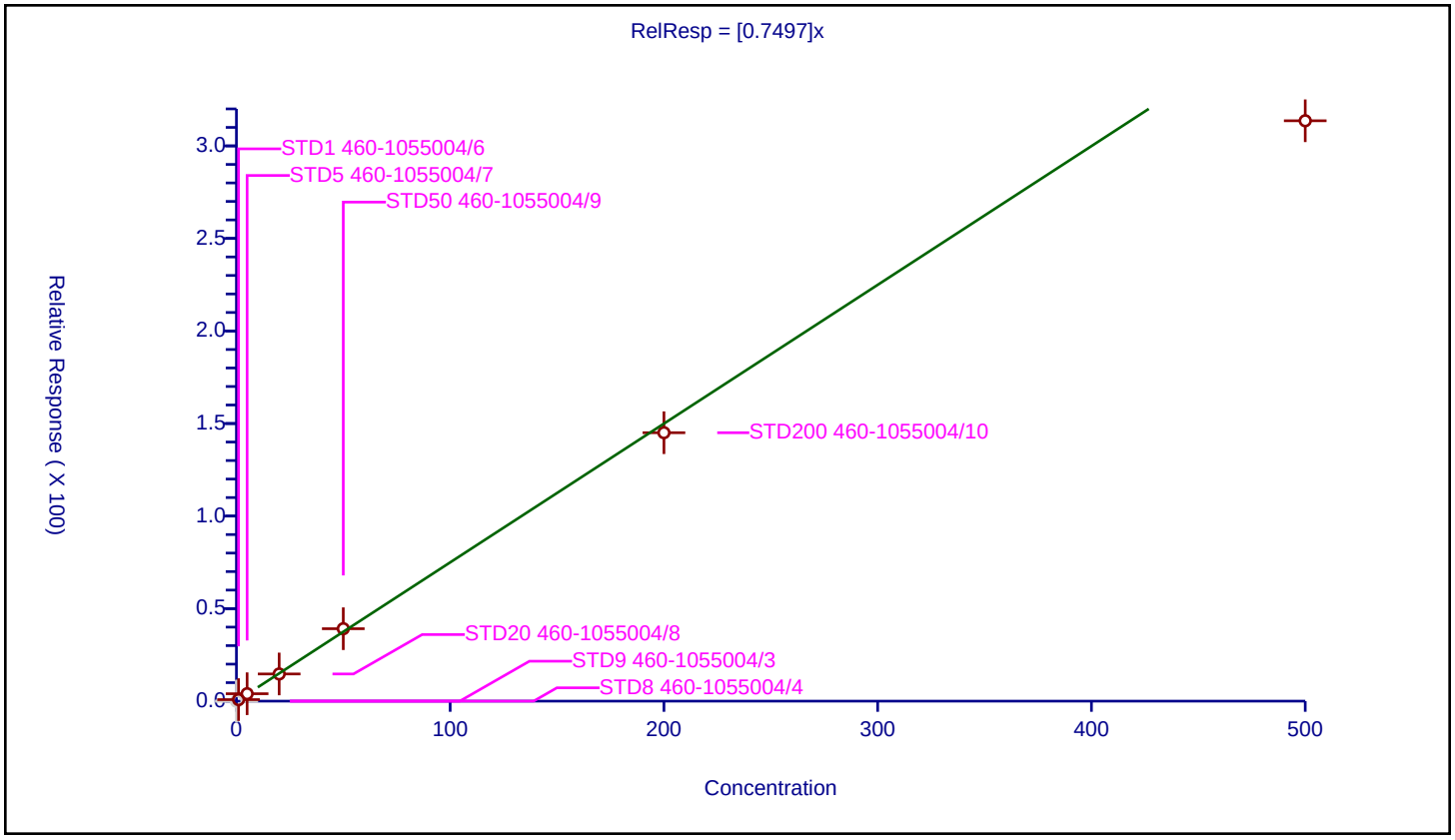
Curve Coefficients

Intercept:	0
Slope:	0.7497

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.826896	50.0	220705.0	0.826896	Y
4	STD5 460-1055004/7	5.0	4.009842	50.0	221505.0	0.801968	Y
5	STD20 460-1055004/8	20.0	14.689098	50.0	228850.0	0.734455	Y
6	STD50 460-1055004/9	50.0	39.137808	50.0	230552.0	0.782756	Y
7	STD200 460-1055004/10	200.0	145.043967	50.0	259058.0	0.72522	Y
8	STD500 460-1055004/11	500.0	313.584129	50.0	276547.0	0.627168	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

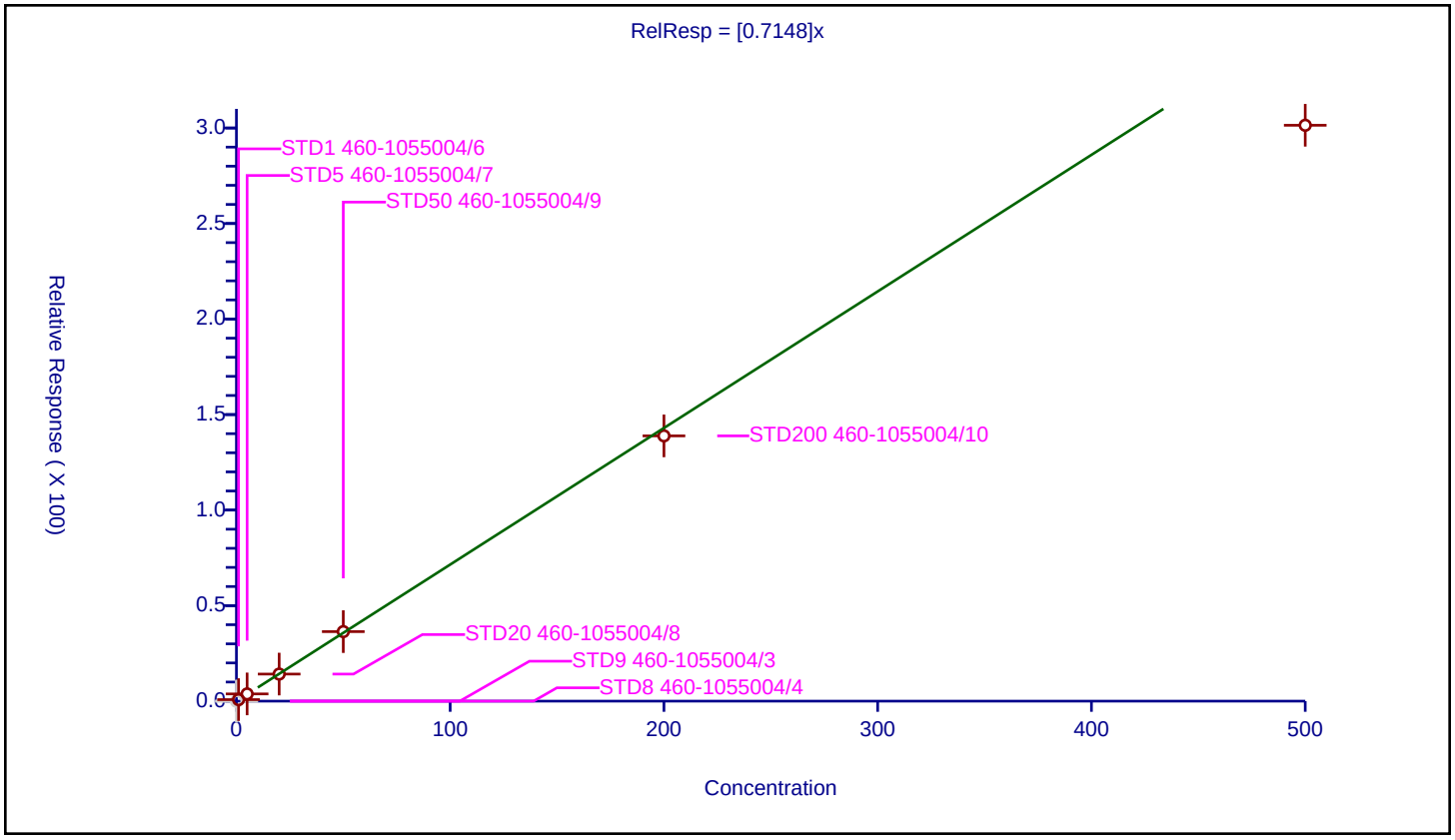
Curve Coefficients

Intercept:	0
Slope:	0.7148

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.799257	50.0	220705.0	0.799257	Y
4	STD5 460-1055004/7	5.0	3.78321	50.0	221505.0	0.756642	Y
5	STD20 460-1055004/8	20.0	14.165611	50.0	228850.0	0.708281	Y
6	STD50 460-1055004/9	50.0	36.386585	50.0	230552.0	0.727732	Y
7	STD200 460-1055004/10	200.0	138.850566	50.0	259058.0	0.694253	Y
8	STD500 460-1055004/11	500.0	301.431221	50.0	276547.0	0.602862	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

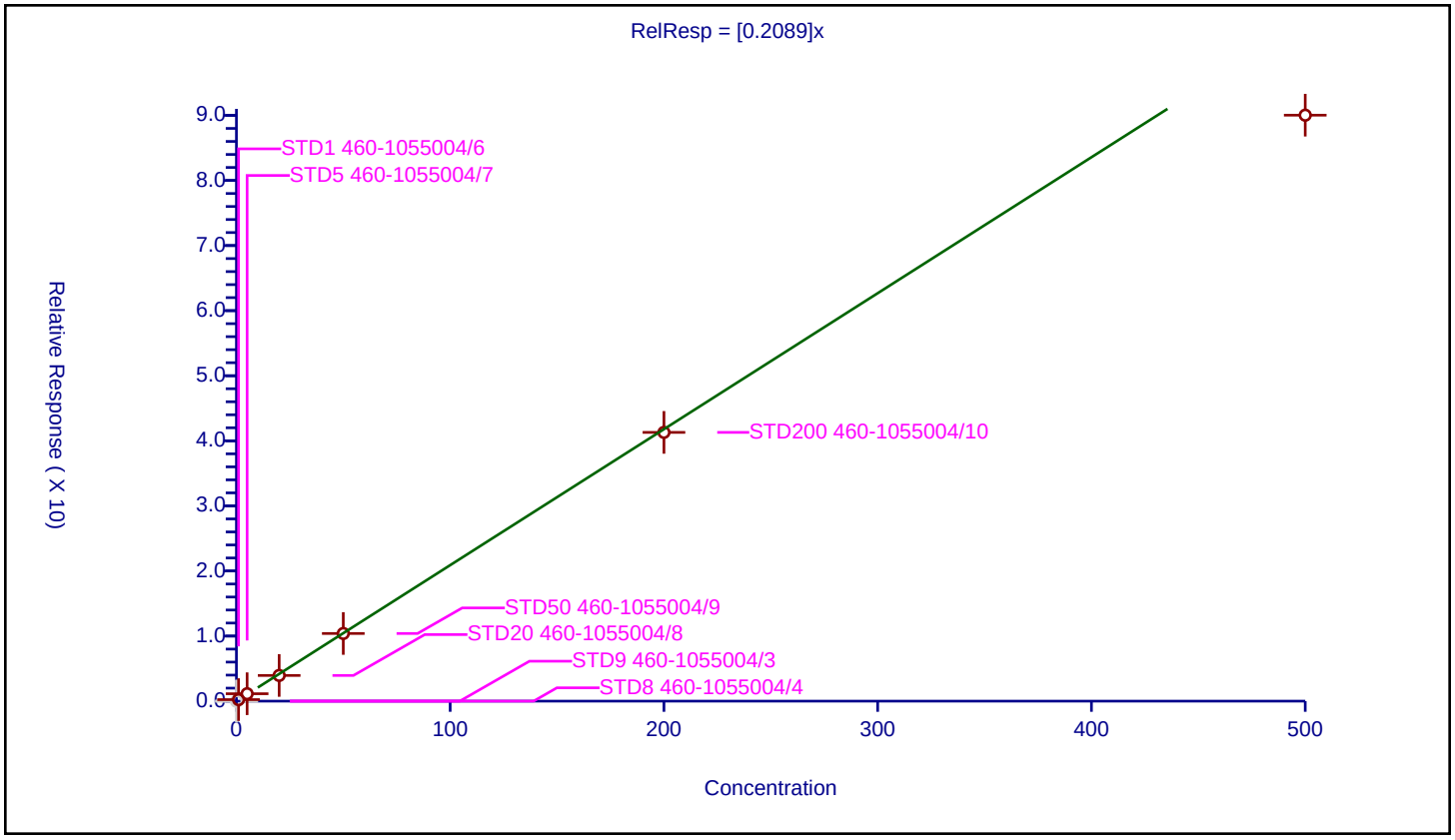
Curve Coefficients

Intercept:	0
Slope:	0.2089

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.233796	50.0	220705.0	0.233796	Y
4	STD5 460-1055004/7	5.0	1.139703	50.0	221505.0	0.227941	Y
5	STD20 460-1055004/8	20.0	3.947782	50.0	228850.0	0.197389	Y
6	STD50 460-1055004/9	50.0	10.394835	50.0	230552.0	0.207897	Y
7	STD200 460-1055004/10	200.0	41.293456	50.0	259058.0	0.206467	Y
8	STD500 460-1055004/11	500.0	90.032255	50.0	276547.0	0.180065	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

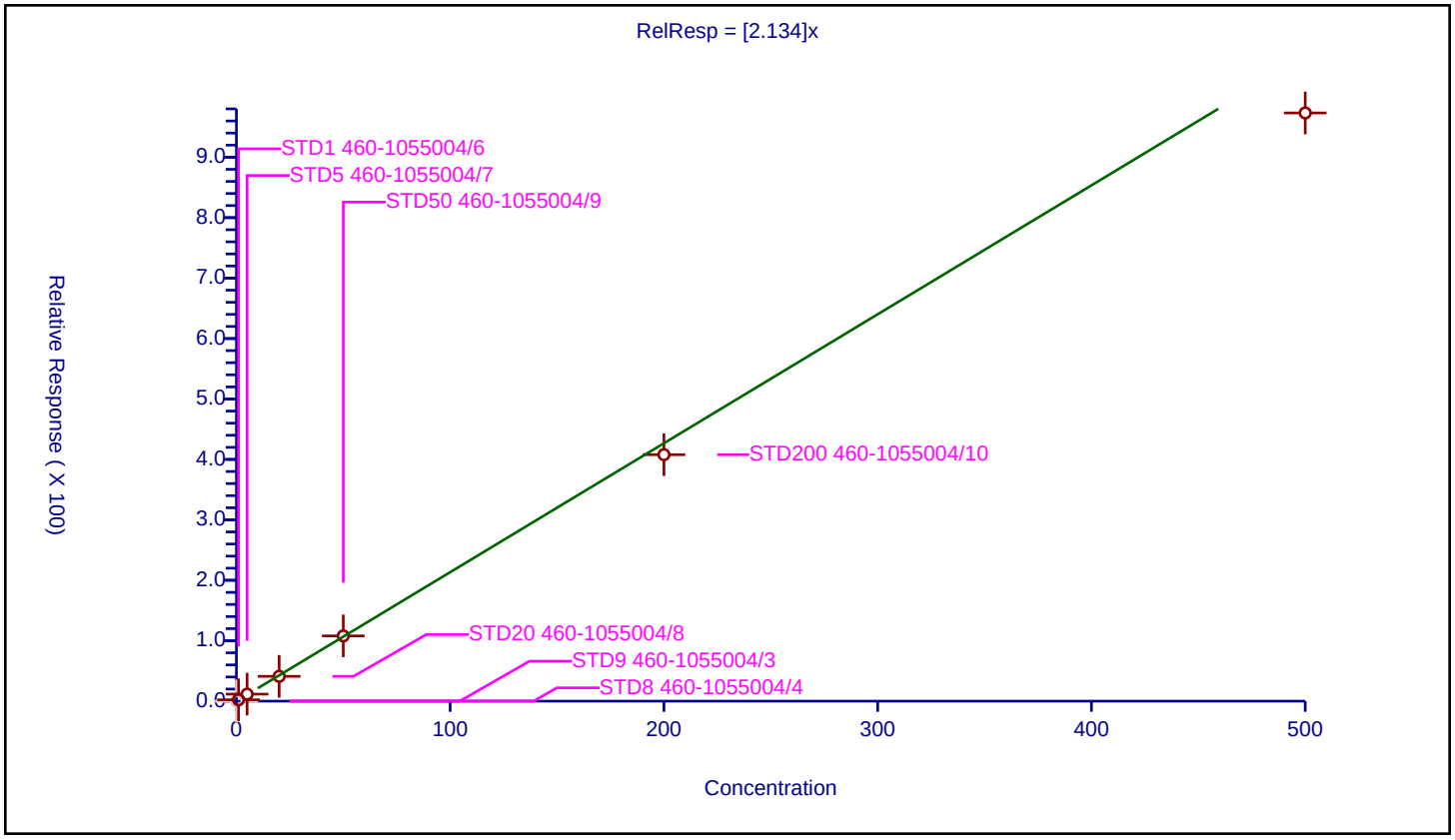
Curve Coefficients

Intercept:	0
Slope:	2.134

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	2.278834	50.0	220705.0	2.278834	Y
4	STD5 460-1055004/7	5.0	11.625245	50.0	221505.0	2.325049	Y
5	STD20 460-1055004/8	20.0	41.070352	50.0	228850.0	2.053518	Y
6	STD50 460-1055004/9	50.0	107.953087	50.0	230552.0	2.159062	Y
7	STD200 460-1055004/10	200.0	407.824117	50.0	259058.0	2.039121	Y
8	STD500 460-1055004/11	500.0	973.267474	50.0	276547.0	1.946535	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

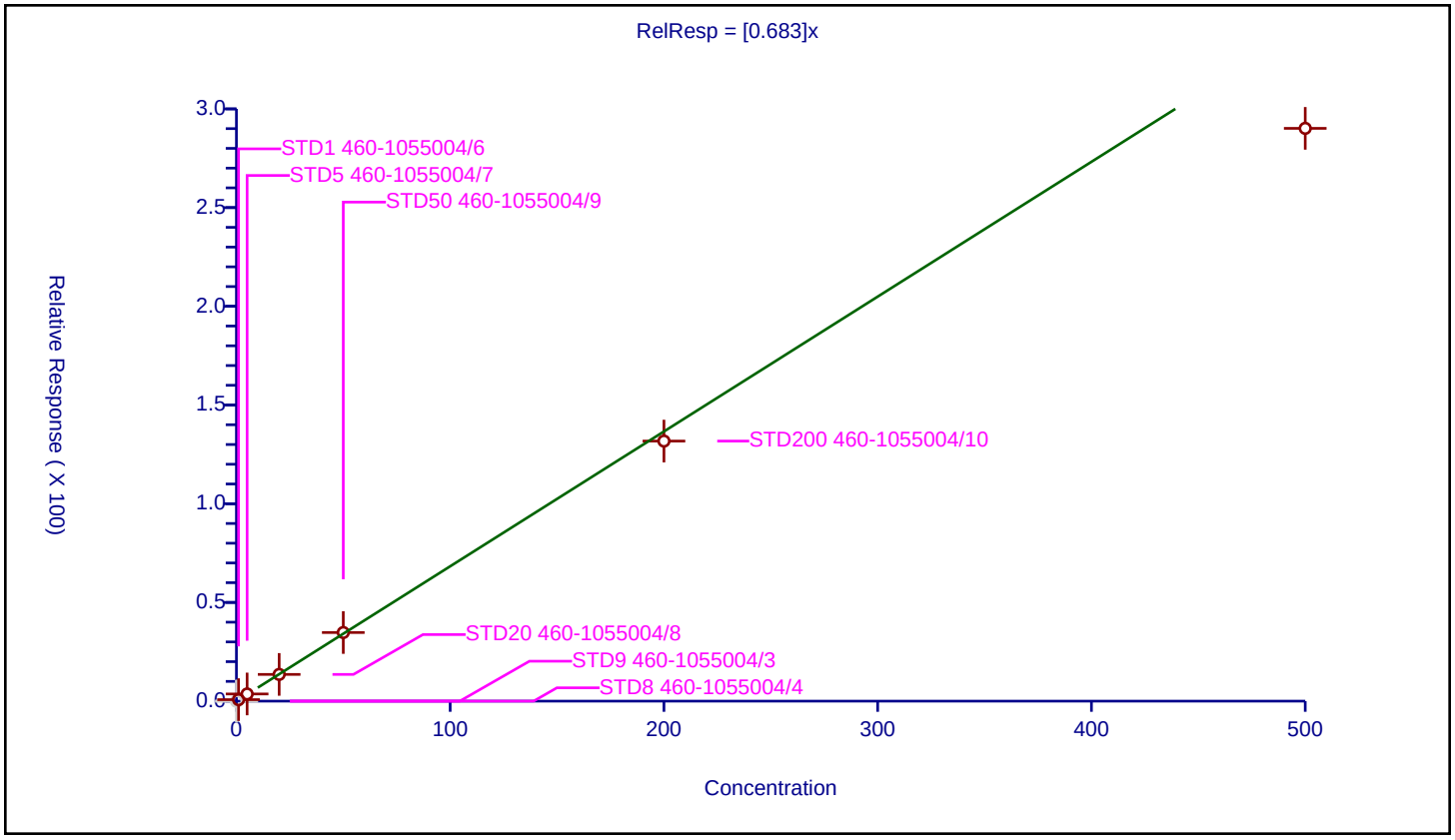
Curve Coefficients

Intercept:	0
Slope:	0.683

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1055004/4	0.0	0.0	50.0	223011.0	NaN	N
2	STD9 460-1055004/3	0.2	0.0	50.0	266244.0	0.0	N
3	STD1 460-1055004/6	1.0	0.760064	50.0	220705.0	0.760064	Y
4	STD5 460-1055004/7	5.0	3.632875	50.0	221505.0	0.726575	Y
5	STD20 460-1055004/8	20.0	13.541621	50.0	228850.0	0.677081	Y
6	STD50 460-1055004/9	50.0	34.760054	50.0	230552.0	0.695201	Y
7	STD200 460-1055004/10	200.0	131.738452	50.0	259058.0	0.658692	Y
8	STD500 460-1055004/11	500.0	290.143628	50.0	276547.0	0.580287	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: ICV 460-1055004/18 Calibration Date: 08/12/2025 13:45

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K71232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.7074	0.9016		25.5	20.0	27.0	30.0
Dichlorodifluoromethane	Ave	0.2790	0.2249	0.1000	16.1	20.0	-19.0	30.0
Chlorodifluoromethane	Lin2		0.0405		20.5	20.0	2.0	30.0
Chloromethane	Ave	0.2814	0.2531	0.0050	18.0	20.0	-10.0	30.0
Vinyl chloride	Ave	0.2086	0.2167	0.0050	20.8	20.0	4.0	30.0
Butadiene	Ave	0.1817	0.1900		20.9	20.0	5.0	30.0
Bromomethane	Ave	0.1573	0.1496	0.0050	19.0	20.0	-5.0	30.0
Chloroethane	Ave	0.1208	0.1130	0.0050	18.7	20.0	-6.0	30.0
Dichlorofluoromethane	Ave	0.3878	0.3840		19.8	20.0	-1.0	30.0
Trichlorofluoromethane	Ave	0.2949	0.3011	0.1000	20.4	20.0	2.0	30.0
Pentane	QuaF		0.0369		38.1	40.0	-5.0	30.0
Ethanol	Ave	0.0360	0.0350		778	800	-3.0	30.0
Ethyl ether	Lin2		0.1520		19.4	20.0	-3.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1757	0.1675		19.1	20.0	-5.0	30.0
2-Methyl-1,3-butadiene	Ave	0.1629	0.1551		19.0	20.0	-5.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3079	0.2818		18.3	20.0	-8.0	30.0
Acrolein	Lin2		0.9807		23.9	39.5	-39.0*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2092	0.2121	0.1000	20.3	20.0	1.0	30.0
1,1-Dichloroethene	Ave	0.2039	0.1957	0.1000	19.2	20.0	-4.0	30.0
Acetone	Ave	0.2053	0.1853	0.0010	90.3	100	-10.0	30.0
Isopropyl alcohol	Lin2		0.4520		188	200	-6.0	30.0
Iodomethane	QuaF		0.1901		11.5	20.0	-43.0*	30.0
Carbon disulfide	Ave	0.6963	0.6574	0.1000	18.9	20.0	-6.0	30.0
3-Chloro-1-propene	Ave	0.2024	0.1983		19.6	20.0	-2.0	30.0
Methyl acetate	Ave	6.888	7.005	0.0500	40.7	40.0	2.0	30.0
Acetonitrile	Ave	0.9860	0.9058		184	200	-8.0	30.0
Cyclopentene	Ave	0.5446	0.3996		14.7	20.0	-27.0	30.0
Methylene Chloride	Ave	0.2416	0.2224	0.1000	18.4	20.0	-8.0	30.0
2-Methyl-2-propanol	Ave	0.8951	0.8502		190	200	-5.0	30.0
Methyl tert-butyl ether	Ave	0.5989	0.6039	0.1000	20.2	20.0	1.0	30.0
trans-1,2-Dichloroethene	Ave	0.2248	0.2084	0.1000	18.5	20.0	-7.0	30.0
Acrylonitrile	Ave	0.0664	0.0661		199	200	0.0	30.0
Hexane	Ave	0.2186	0.2025		18.5	20.0	-7.0	30.0
Isopropyl ether	Ave	0.6118	0.5836		19.1	20.0	-5.0	30.0
1,1-Dichloroethane	Ave	0.3852	0.3776	0.2000	19.6	20.0	-2.0	30.0
Vinyl acetate	Ave	0.3906	0.3605		36.9	40.0	-8.0	30.0
2-Chloro-1,3-butadiene	Ave	0.1949	0.1911		19.6	20.0	-2.0	30.0
Tert-butyl ethyl ether	Ave	0.6155	0.6192		20.1	20.0	1.0	30.0
2,2-Dichloropropane	Ave	0.0762	0.0721		18.9	20.0	-5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: ICV 460-1055004/18 Calibration Date: 08/12/2025 13:45

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K71232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2434	0.2441	0.1000	20.1	20.0	0.0	30.0
Methyl Ethyl Ketone	Ave	0.2699	0.2614	0.0100	96.9	100	-3.0	30.0
Ethyl acetate	Ave	4.606	4.524		39.3	40.0	-2.0	30.0
Methyl acrylate	Lin2		0.1690		20.0	20.0	0.0	30.0
Propionitrile	Ave	1.398	1.319		189	200	-6.0	30.0
Chlorobromomethane	Ave	0.1208	0.1239		20.5	20.0	3.0	30.0
Methacrylonitrile	Ave	0.0788	0.0843		214	200	7.0	30.0
Tetrahydrofuran	Ave	0.8189	0.8192		40.0	40.0	0.0	30.0
Chloroform	Ave	0.3985	0.3937	0.2000	19.8	20.0	-1.0	30.0
1,1,1-Trichloroethane	Ave	0.3436	0.3432	0.1000	20.0	20.0	0.0	30.0
Cyclohexane	Ave	0.2952	0.2783	0.1000	18.9	20.0	-6.0	30.0
Carbon tetrachloride	Ave	0.3110	0.3006	0.1000	19.3	20.0	-3.0	30.0
1,1-Dichloropropene	Ave	0.2988	0.2932		19.6	20.0	-2.0	30.0
Isobutyl alcohol	Ave	0.3598	0.3358		467	500	-7.0	30.0
Benzene	Ave	1.220	1.145	0.5000	18.8	20.0	-6.0	30.0
Isooctane	Ave	0.4101	0.4183		20.4	20.0	2.0	30.0
Isopropyl acetate	Ave	0.5210	0.5047		19.4	20.0	-3.0	30.0
1,2-Dichloroethane	Lin2		0.2787	0.1000	19.6	20.0	-2.0	30.0
Tert-amyl methyl ether	Ave	0.6204	0.6244		20.1	20.0	1.0	30.0
n-Heptane	Ave	0.1597	0.1513		18.9	20.0	-5.0	30.0
n-Butanol	Lin2		0.2075		487	500	-3.0	30.0
Trichloroethene	Ave	0.2627	0.2359	0.2000	18.0	20.0	-10.0	30.0
Ethyl acrylate	Ave	0.2831	0.3130		22.1	20.0	11.0	30.0
Methylcyclohexane	Ave	0.3145	0.3064	0.1000	19.5	20.0	-3.0	30.0
1,2-Dichloropropane	Ave	0.2283	0.2083	0.1000	18.2	20.0	-9.0	30.0
Methyl methacrylate	Ave	0.0586	0.0571		39.0	40.0	-2.0	30.0
1,4-Dioxane	Ave	0.7523	0.6839		364	400	-9.0	30.0
Dibromomethane	Ave	0.1560	0.1523		19.5	20.0	-2.0	30.0
n-Propyl acetate	Ave	0.2704	0.2596		19.2	20.0	-4.0	30.0
Bromodichloromethane	Ave	0.3306	0.3157	0.2000	19.1	20.0	-5.0	30.0
2-Nitropropane	Ave	0.0502	0.0458		36.5	40.0	-9.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1411	0.1377		19.5	20.0	-2.0	30.0
Epichlorohydrin	Lin2		0.2452		18.7	20.0	-6.0	30.0
cis-1,3-Dichloropropene	Ave	0.5533	0.5106	0.2000	18.5	20.0	-8.0	30.0
methyl isobutyl ketone	Ave	2.105	2.077	0.0500	98.7	100	-1.0	30.0
Toluene	Ave	1.278	1.238	0.4000	19.4	20.0	-3.0	30.0
trans-1,3-Dichloropropene	Ave	0.4952	0.4867	0.1000	19.7	20.0	-2.0	30.0
Ethyl methacrylate	Ave	0.3723	0.3646		19.6	20.0	-2.0	30.0
1,1,2-Trichloroethane	Lin2		0.2318	0.1000	18.9	20.0	-6.0	30.0
Tetrachloroethene	Ave	0.2925	0.2798	0.2000	19.1	20.0	-4.0	30.0
1,3-Dichloropropane	Ave	0.4451	0.4464		20.1	20.0	0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: ICV 460-1055004/18 Calibration Date: 08/12/2025 13:45

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K71232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.516	1.467	0.0500	96.8	100	-3.0	30.0
n-Butyl acetate	Ave	0.3976	0.3820		19.2	20.0	-4.0	30.0
Dibromochloromethane	Lin2		0.3405	0.1000	19.9	20.0	-1.0	30.0
Ethylene Dibromide	Ave	0.3042	0.2998	0.1000	19.7	20.0	-1.0	30.0
Chlorobenzene	Ave	0.8651	0.8474	0.5000	19.6	20.0	-2.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3181	0.2960		18.6	20.0	-7.0	30.0
Ethylbenzene	Ave	0.4415	0.4268	0.1000	19.3	20.0	-3.0	30.0
m-Xylene & p-Xylene	Ave	0.5507	0.5391	0.1000	19.6	20.0	-2.0	30.0
n-Butyl acrylate	Ave	0.2541	0.2412		19.0	20.0	-5.0	30.0
o-Xylene	Ave	0.5446	0.5310	0.3000	19.5	20.0	-3.0	30.0
Styrene	Ave	0.9005	0.9254	0.3000	20.6	20.0	3.0	30.0
Bromoform	Ave	0.2060	0.1994	0.1000	19.4	20.0	-3.0	30.0
Amyl acetate (mixed isomers)	Ave	0.8529	0.8714		20.4	20.0	2.0	30.0
Isopropylbenzene	Ave	1.207	1.313	0.1000	21.8	20.0	9.0	30.0
Bromobenzene	Ave	0.6593	0.6659		20.2	20.0	1.0	30.0
1,1,2,2-Tetrachloroethane	Lin2		0.6491	0.3000	20.9	20.0	4.0	30.0
1,2,3-Trichloropropane	Ave	0.8077	0.8127		20.1	20.0	1.0	30.0
N-Propylbenzene	Ave	2.875	2.904		20.2	20.0	1.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.8077	0.8127		20.1	20.0	1.0	30.0
2-Chlorotoluene	Ave	2.039	2.051		20.1	20.0	1.0	30.0
4-Ethyltoluene	Ave	2.455	2.481		20.2	20.0	1.0	30.0
1,3,5-Trimethylbenzene	Ave	2.071	2.160		20.9	20.0	4.0	30.0
4-Chlorotoluene	Ave	2.126	2.051		19.3	20.0	-4.0	30.0
Butyl Methacrylate	Ave	0.8324	0.8661		20.8	20.0	4.0	30.0
tert-Butylbenzene	Ave	1.702	1.775		20.9	20.0	4.0	30.0
1,2,4-Trimethylbenzene	Ave	2.251	2.251		20.0	20.0	0.0	30.0
sec-Butylbenzene	Ave	2.518	2.474		19.7	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.178	1.210	0.6000	20.5	20.0	3.0	30.0
4-Isopropyltoluene	Ave	2.115	2.123		20.1	20.0	0.0	30.0
1,4-Dichlorobenzene	Ave	1.220	1.268	0.5000	20.8	20.0	4.0	30.0
1,2,3-Trimethylbenzene	Ave	2.337	2.421		20.7	20.0	4.0	30.0
Benzyl chloride	Ave	0.2550	0.2519		19.8	20.0	-1.0	30.0
Indan	Ave	2.083	2.323		22.3	20.0	12.0	30.0
p-Diethylbenzene	Ave	1.265	1.287		20.3	20.0	2.0	30.0
n-Butylbenzene	Ave	1.018	1.053		20.7	20.0	3.0	30.0
1,2-Dichlorobenzene	Ave	1.183	1.244	0.4000	21.0	20.0	5.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.131	2.239		21.0	20.0	5.0	30.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1445	0.0200	19.8	20.0	-1.0	30.0
1,3,5-Trichlorobenzene	Ave	0.7497	0.7744		20.7	20.0	3.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7148	0.7602	0.2000	21.3	20.0	6.0	30.0
Hexachlorobutadiene	Ave	0.2089	0.2113		20.2	20.0	1.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: ICV 460-1055004/18 Calibration Date: 08/12/2025 13:45

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K71232.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.134	2.210		20.7	20.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.6830	0.6994		20.5	20.0	2.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2673	0.2727		51.0	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2770	0.2698		48.7	50.0	-3.0	30.0
Toluene-d8 (Surr)	Ave	1.313	1.306		49.7	50.0	-1.0	30.0
4-Bromofluorobenzene	Ave	0.3772	0.3660		48.5	50.0	-3.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71232.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-Aug-2025 13:45:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0194792-018
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Aug-2025 08:57:08 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1725

First Level Reviewer: NN6A Date: 13-Aug-2025 09:16:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.217	1.217	0.000	97	16944	20.0	25.5	
3 Dichlorodifluoromethane	85	1.251	1.251	0.000	98	52879	20.0	16.1	
5 Chlorodifluoromethane	67	1.263	1.262	0.001	98	9514	20.0	20.5	
6 Chloromethane	50	1.388	1.388	0.000	99	59512	20.0	18.0	
7 Vinyl chloride	62	1.468	1.468	0.000	98	50956	20.0	20.8	
8 Butadiene	54	1.491	1.491	0.000	96	44674	20.0	20.9	
9 Bromomethane	94	1.708	1.708	0.000	98	35162	20.0	19.0	
10 Chloroethane	64	1.777	1.777	0.000	100	26571	20.0	18.7	
11 Dichlorofluoromethane	67	1.914	1.914	0.000	99	90293	20.0	19.8	
12 Trichlorofluoromethane	101	1.926	1.925	0.001	99	70788	20.0	20.4	
13 Pentane	57	1.971	1.971	0.000	96	17347	40.0	38.1	
14 Ethanol	46	2.063	2.063	0.000	99	6085	800.0	777.9	
15 Ethyl ether	59	2.120	2.120	0.000	92	35737	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.143	2.143	0.000	84	36461	20.0	19.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.143	2.143	0.000	85	39390	20.0	19.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.188	2.188	0.000	95	66256	20.0	18.3	
19 Acrolein	56	2.246	2.245	0.001	95	8422	39.5	23.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.268	2.268	0.000	96	49861	20.0	20.3	
20 1,1-Dichloroethene	96	2.291	2.291	0.000	97	46021	20.0	19.2	
22 Acetone	58	2.348	2.348	0.000	86	17413	100.0	90.3	
24 Isopropyl alcohol	45	2.406	2.405	0.001	80	19653	200.0	187.9	
23 Iodomethane	142	2.417	2.417	0.000	97	44689	20.0	11.5	
25 Carbon disulfide	76	2.451	2.451	0.000	98	154563	20.0	18.9	
28 Methyl acetate	43	2.554	2.554	0.000	99	60921	40.0	40.7	
27 3-Chloro-1-propene	39	2.554	2.554	0.000	88	46617	20.0	19.6	
26 Acetonitrile	40	2.577	2.577	0.000	90	39385	200.0	183.7	
29 Cyclopentene	67	2.577	2.577	0.000	90	93947	20.0	14.7	
* 31 TBA-d9 (IS)	65	2.623	2.623	0.000	98	217412	1000.0	1000.0	
30 Methylene Chloride	84	2.646	2.645	0.001	90	52282	20.0	18.4	
32 2-Methyl-2-propanol	59	2.691	2.691	0.000	98	36969	200.0	190.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.794	2.794	0.000	95	141990	20.0	20.2	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	96	48996	20.0	18.5	
33 Acrylonitrile	53	2.851	2.851	0.000	94	155398	200.0	199.2	
36 Hexane	57	2.966	2.965	0.001	93	47604	20.0	18.5	
39 Isopropyl ether	45	3.137	3.137	0.000	95	137206	20.0	19.1	
37 1,1-Dichloroethane	63	3.149	3.148	0.001	99	88768	20.0	19.6	
38 Vinyl acetate	86	3.160	3.160	0.000	100	13548	40.0	36.9	
40 2-Chloro-1,3-butadiene	88	3.206	3.205	0.001	88	44920	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.411	3.411	0.000	88	145582	20.0	20.1	
* 43 2-Butanone-d5	46	3.560	3.560	0.000	100	234908	250.0	250.0	
44 2,2-Dichloropropane	97	3.594	3.594	0.000	92	16941	20.0	18.9	
45 cis-1,2-Dichloroethene	96	3.606	3.606	0.000	98	57399	20.0	20.1	
46 2-Butanone (MEK)	72	3.606	3.606	0.000	97	24566	100.0	96.9	
47 Ethyl acetate	43	3.617	3.617	0.000	95	170043	40.0	39.3	
48 Methyl acrylate	55	3.663	3.663	0.000	99	39740	20.0	20.0	
42 Propionitrile	54	3.709	3.708	0.001	94	57367	200.0	188.7	
49 Chlorobromomethane	128	3.800	3.800	0.000	76	29136	20.0	20.5	
50 Methacrylonitrile	67	3.811	3.811	0.000	90	198088	200.0	213.8	
51 Tetrahydrofuran	42	3.811	3.811	0.000	29	30791	40.0	40.0	
52 Chloroform	83	3.846	3.846	0.000	100	92558	20.0	19.8	
$ 53 Dibromofluoromethane (Surr)	113	3.983	3.983	0.000	96	160289	50.0	51.0	
54 1,1,1-Trichloroethane	97	3.994	3.994	0.000	97	80689	20.0	20.0	
55 Cyclohexane	84	3.994	3.994	0.000	88	65439	20.0	18.9	
56 Carbon tetrachloride	117	4.109	4.108	0.001	98	70684	20.0	19.3	
57 1,1-Dichloropropene	75	4.131	4.131	0.000	99	68929	20.0	19.6	
61 Isobutyl alcohol	43	4.200	4.200	0.000	96	36504	500.0	466.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.291	4.291	0.000	96	158611	50.0	48.7	
59 Benzene	78	4.303	4.303	0.000	94	199965	20.0	18.8	
62 Isooctane	57	4.303	4.303	0.000	57	98354	20.0	20.4	
63 Isopropyl acetate	43	4.337	4.348	-0.011	99	118653	20.0	19.4	
60 1,2-Dichloroethane	62	4.360	4.360	0.000	71	65530	20.0	19.6	
64 Tert-amyl methyl ether	73	4.372	4.371	0.001	91	146806	20.0	20.1	
66 n-Heptane	43	4.463	4.463	0.000	90	35572	20.0	18.9	
* 65 Fluorobenzene	96	4.554	4.554	0.000	99	587787	50.0	50.0	
68 n-Butanol	56	4.806	4.806	0.000	87	22554	500.0	487.5	
67 Trichloroethene	95	4.886	4.886	0.000	99	55470	20.0	18.0	
69 Ethyl acrylate	55	4.989	4.989	0.000	98	73602	20.0	22.1	
70 Methylcyclohexane	83	5.023	5.023	0.000	94	72033	20.0	19.5	
71 1,2-Dichloropropane	63	5.137	5.137	0.000	92	48969	20.0	18.2	
* 72 1,4-Dioxane-d8	96	5.183	5.183	0.000	91	28471	1000.0	1000.0	
75 Methyl methacrylate	100	5.217	5.217	0.000	85	26864	40.0	39.0	
74 1,4-Dioxane	88	5.240	5.240	0.000	49	7788	400.0	363.6	
73 Dibromomethane	93	5.252	5.251	0.001	94	35803	20.0	19.5	
76 n-Propyl acetate	43	5.263	5.263	0.000	96	61042	20.0	19.2	
77 Dichlorobromomethane	83	5.389	5.389	0.000	98	74221	20.0	19.1	
78 2-Nitropropane	41	5.686	5.686	0.000	99	21541	40.0	36.5	
79 2-Chloroethyl vinyl ether	63	5.709	5.709	0.000	94	32369	20.0	19.5	
80 Epichlorohydrin	57	5.789	5.789	0.000	98	4608	20.0	18.7	
81 cis-1,3-Dichloropropene	75	5.869	5.869	0.000	90	89167	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.017	6.017	0.000	96	195169	100.0	98.7	
$ 83 Toluene-d8 (Surr)	98	6.109	6.109	0.000	99	570262	50.0	49.7	
84 Toluene	91	6.189	6.189	0.000	93	216177	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.497	6.497	0.000	95	85004	20.0	19.7	
86 Ethyl methacrylate	69	6.543	6.543	0.000	87	63685	20.0	19.6	
87 1,1,2-Trichloroethane	83	6.692	6.692	0.000	95	40482	20.0	18.9	
88 Tetrachloroethene	166	6.772	6.772	0.000	95	48860	20.0	19.1	
89 1,3-Dichloropropane	76	6.897	6.897	0.000	90	77964	20.0	20.1	
90 2-Hexanone	43	6.966	6.966	0.000	95	137854	100.0	96.8	
92 n-Butyl acetate	43	7.092	7.092	0.000	99	66721	20.0	19.2	
91 Chlorodibromomethane	129	7.115	7.114	0.001	97	59470	20.0	19.9	
93 Ethylene Dibromide	107	7.275	7.263	0.012	99	52365	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.812	7.812	0.000	85	436619	50.0	50.0	
95 Chlorobenzene	112	7.846	7.846	0.000	97	147989	20.0	19.6	
96 1,1,1,2-Tetrachloroethane	131	7.960	7.960	0.000	44	51697	20.0	18.6	
97 Ethylbenzene	106	7.960	7.960	0.000	98	74531	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.120	8.120	0.000	97	94152	20.0	19.6	
101 n-Butyl acrylate	73	8.612	8.612	0.000	97	42119	20.0	19.0	
99 o-Xylene	106	8.623	8.623	0.000	94	92737	20.0	19.5	
100 Styrene	104	8.646	8.646	0.000	97	161621	20.0	20.6	
102 Bromoform	173	8.852	8.852	0.000	94	34826	20.0	19.4	
103 Amyl acetate (mixed isomers)	43	8.875	8.875	0.000	90	79881	20.0	20.4	
104 Isopropylbenzene	105	9.012	9.012	0.000	94	229398	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	9.183	9.183	0.000	87	159810	50.0	48.5	
106 Bromobenzene	156	9.298	9.298	0.000	98	61039	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	59501	20.0	20.9	
109 trans-1,4-Dichloro-2-butene	75	9.378	9.378	0.000	70	74503	20.0	20.1	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	266243	20.0	20.2	
108 1,2,3-Trichloropropane	75	9.378	9.378	0.000	92	74503	20.0	20.1	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	187991	20.0	20.1	
112 4-Ethyltoluene	105	9.481	9.480	0.001	99	227446	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	9.538	9.538	0.000	94	198044	20.0	20.9	
113 4-Chlorotoluene	91	9.561	9.560	0.001	96	187981	20.0	19.3	
115 Butyl Methacrylate	87	9.618	9.618	0.000	85	79394	20.0	20.8	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	162707	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	96	206350	20.0	20.0	
118 sec-Butylbenzene	105	9.926	9.926	0.000	99	226823	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.018	10.018	0.000	95	110923	20.0	20.5	
122 4-Isopropyltoluene	119	10.029	10.029	0.000	98	194598	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	10.075	10.063	0.012	94	229175	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.086	0.000	95	116232	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	10.109	10.098	0.011	97	221937	20.0	20.7	
124 Benzyl chloride	126	10.178	10.178	0.000	98	23090	20.0	19.8	
125 2,3-Dihydroindene	117	10.235	10.223	0.012	94	212920	20.0	22.3	
127 p-Diethylbenzene	119	10.281	10.269	0.012	93	117972	20.0	20.3	
128 n-Butylbenzene	92	10.292	10.292	0.000	97	96567	20.0	20.7	
126 1,2-Dichlorobenzene	146	10.326	10.315	0.011	96	114019	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	10.749	10.738	0.011	96	205250	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	10.806	10.783	0.023	94	13243	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	10.909	10.886	0.023	98	70993	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	11.298	11.275	0.023	94	69686	20.0	21.3	
133 Hexachlorobutadiene	225	11.378	11.355	0.023	88	19366	20.0	20.2	
134 Naphthalene	128	11.458	11.435	0.023	99	202572	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	11.629	11.606	0.023	95	64112	20.0	20.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	96.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00634	Amount Added: 20.00	Units: uL		
8260 SP_00196	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00180	Amount Added: 4.00	Units: uL		
7 Freons SS_00031	Amount Added: 20.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00256	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 13-Aug-2025 09:16:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71232.D

Injection Date: 12-Aug-2025 13:45:30 Instrument ID: CVOAMS9 Operator ID:

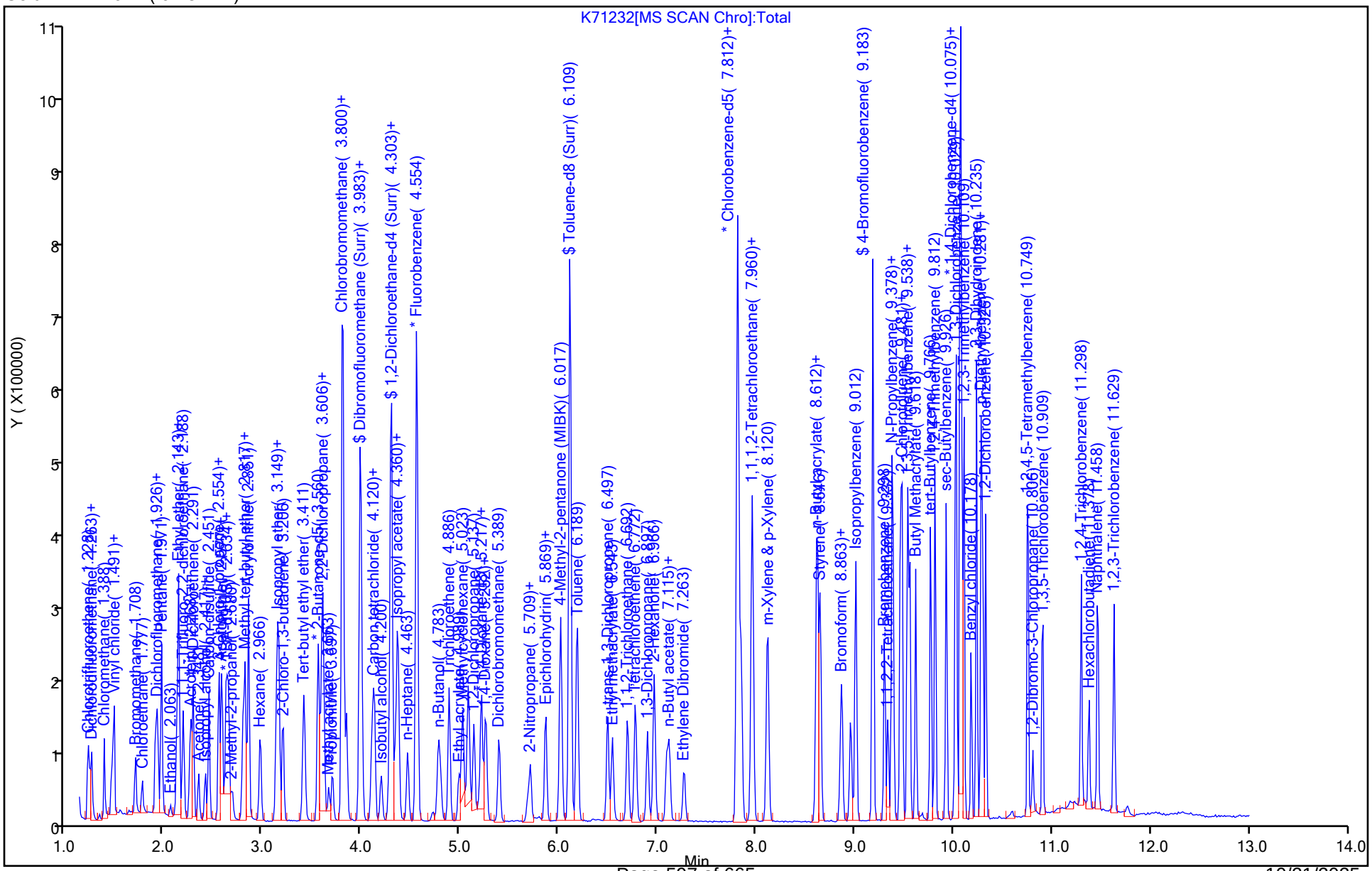
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

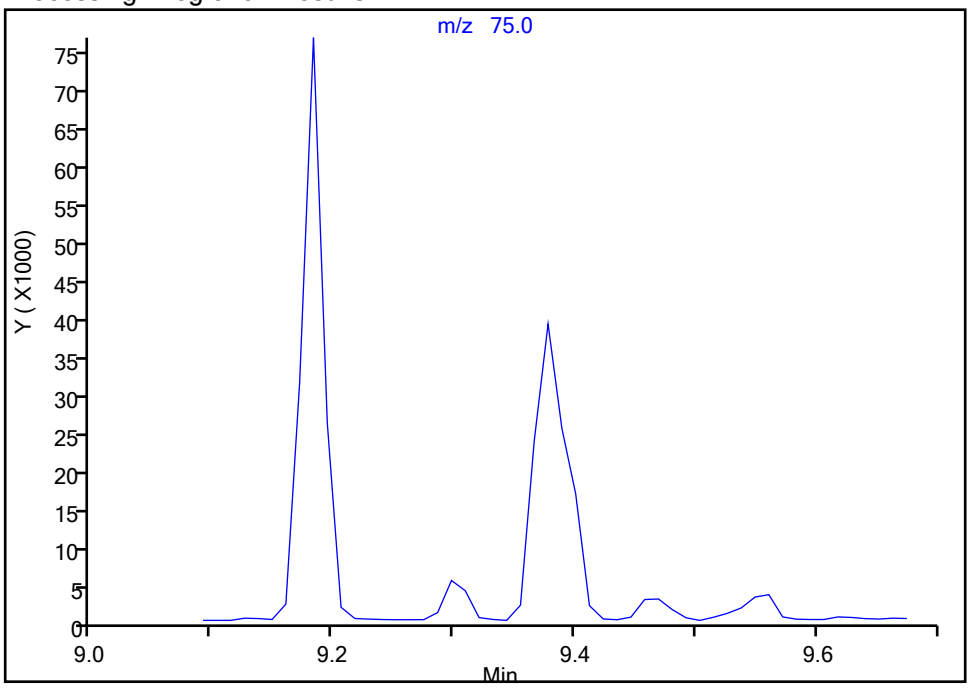
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71232.D
Injection Date: 12-Aug-2025 13:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

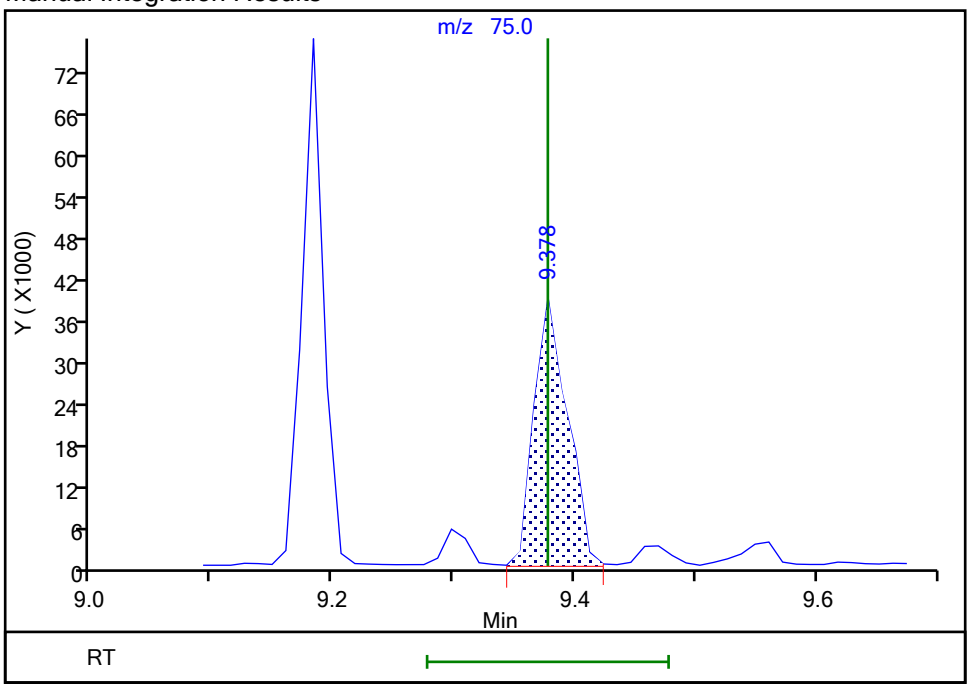
Not Detected
Expected RT: 9.38

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 74503
Amount: 20.124227
Amount Units: ug/l



Reviewer: NN6A, 13-Aug-2025 08:50:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: CCVIS 460-1069418/2 Calibration Date: 10/20/2025 04:56

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K74088.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.7074	0.7881		22.3	20.0	11.0	20.0
Dichlorodifluoromethane	Ave	0.2790	0.3419	0.1000	24.5	20.0	23.0*	20.0
Chlorodifluoromethane	Lin2		0.0418		21.2	20.0	6.0	20.0
Chloromethane	Ave	0.2814	0.2599	0.0050	18.5	20.0	-8.0	20.0
Vinyl chloride	Ave	0.2086	0.2169	0.0050	20.8	20.0	4.0	20.0
Butadiene	Ave	0.1817	0.2029		22.3	20.0	12.0	20.0
Bromomethane	Ave	0.1573	0.1143	0.0050	14.5	20.0	-27.0	50.0
Chloroethane	Ave	0.1208	0.1079	0.0050	17.9	20.0	-11.0	50.0
Dichlorofluoromethane	Ave	0.3878	0.3988		20.6	20.0	3.0	20.0
Trichlorofluoromethane	Ave	0.2949	0.3646	0.1000	24.7	20.0	24.0*	20.0
Pentane	QuaF		0.0288		29.7	40.0	-26.0*	20.0
Ethanol	Ave	0.0360	0.0394		875	800	9.0	50.0
Ethyl ether	Lin2		0.1698		21.8	20.0	9.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1757	0.2028		23.1	20.0	15.0	20.0
2-Methyl-1,3-butadiene	Ave	0.1629	0.1589		19.5	20.0	-2.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3079	0.3331		21.6	20.0	8.0	20.0
Acrolein	Lin2		1.348		34.5	40.0	-14.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2092	0.2260	0.1000	21.6	20.0	8.0	20.0
1,1-Dichloroethene	Ave	0.2039	0.2076	0.1000	20.4	20.0	2.0	20.0
Acetone	Ave	0.2053	0.1872	0.0010	91.2	100	-9.0	50.0
Isopropyl alcohol	Lin2		0.5155		215	200	7.0	50.0
Iodomethane	QuaF		0.1521		9.19	20.0	-54.0*	20.0
Carbon disulfide	Ave	0.6963	0.7150	0.1000	20.5	20.0	3.0	50.0
3-Chloro-1-propene	Ave	0.2024	0.2273		22.5	20.0	12.0	20.0
Methyl acetate	Ave	6.888	7.490	0.0500	43.5	40.0	9.0	20.0
Acetonitrile	Ave	0.9860	1.150		233	200	17.0	20.0
Cyclopentene	Ave	0.5446	0.5666		20.8	20.0	4.0	20.0
Methylene Chloride	Ave	0.2416	0.2601	0.1000	21.5	20.0	8.0	20.0
2-Methyl-2-propanol	Ave	0.8951	0.9821		219	200	10.0	50.0
Methyl tert-butyl ether	Ave	0.5989	0.6237	0.1000	20.8	20.0	4.0	20.0
trans-1,2-Dichloroethene	Ave	0.2248	0.2466	0.1000	21.9	20.0	10.0	20.0
Acrylonitrile	Ave	0.0664	0.0658		198	200	-1.0	20.0
Hexane	Ave	0.2186	0.2383		21.8	20.0	9.0	20.0
Isopropyl ether	Ave	0.6118	0.6761		22.1	20.0	11.0	20.0
1,1-Dichloroethane	Ave	0.3852	0.4111	0.2000	21.3	20.0	7.0	20.0
Vinyl acetate	Ave	0.3906	0.5316		54.4	40.0	36.0*	20.0
2-Chloro-1,3-butadiene	Ave	0.1949	0.2011		20.6	20.0	3.0	20.0
Tert-butyl ethyl ether	Ave	0.6155	0.6788		22.1	20.0	10.0	20.0
2,2-Dichloropropane	Ave	0.0762	0.0870		22.8	20.0	14.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: CCVIS 460-1069418/2 Calibration Date: 10/20/2025 04:56

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K74088.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2434	0.2730	0.1000	22.4	20.0	12.0	20.0
Ethyl acetate	Ave	4.606	4.744		41.2	40.0	3.0	20.0
Methyl Ethyl Ketone	Ave	0.2699	0.2917	0.0100	108	100	8.0	50.0
Methyl acrylate	Lin2		0.1728		20.5	20.0	2.0	20.0
Propionitrile	Ave	1.398	1.515		217	200	8.0	20.0
Chlorobromomethane	Ave	0.1208	0.1345		22.3	20.0	11.0	20.0
Methacrylonitrile	Ave	0.0788	0.0870		221	200	10.0	20.0
Tetrahydrofuran	Ave	0.8189	0.8368		40.9	40.0	2.0	20.0
Chloroform	Ave	0.3985	0.4628	0.2000	23.2	20.0	16.0	20.0
1,1,1-Trichloroethane	Ave	0.3436	0.3833	0.1000	22.3	20.0	12.0	20.0
Cyclohexane	Ave	0.2952	0.2992	0.1000	20.3	20.0	1.0	50.0
Carbon tetrachloride	Ave	0.3110	0.3273	0.1000	21.0	20.0	5.0	20.0
1,1-Dichloropropene	Ave	0.2988	0.3290		22.0	20.0	10.0	20.0
Isobutyl alcohol	Ave	0.3598	0.3484		484	500	-3.0	50.0
Benzene	Ave	1.220	1.202	0.5000	19.7	20.0	-1.0	20.0
Isooctane	Ave	0.4101	0.4247		20.7	20.0	4.0	20.0
Isopropyl acetate	Ave	0.5210	0.5276		20.3	20.0	1.0	20.0
1,2-Dichloroethane	Lin2		0.3285	0.1000	23.2	20.0	16.0	20.0
Tert-amyl methyl ether	Ave	0.6204	0.6590		21.2	20.0	6.0	20.0
n-Heptane	Ave	0.1597	0.1762		22.1	20.0	10.0	20.0
n-Butanol	Lin2		0.1991		467	500	-7.0	50.0
Trichloroethene	Ave	0.2627	0.2640	0.2000	20.1	20.0	0.0	20.0
Ethyl acrylate	Ave	0.2831	0.2872		20.3	20.0	1.0	20.0
Methylcyclohexane	Ave	0.3145	0.3272	0.1000	20.8	20.0	4.0	50.0
1,2-Dichloropropane	Ave	0.2283	0.2356	0.1000	20.6	20.0	3.0	20.0
Methyl methacrylate	Ave	0.0586	0.0539		36.8	40.0	-8.0	20.0
1,4-Dioxane	Ave	0.7523	1.046		556	400	39.0	50.0
Dibromomethane	Ave	0.1560	0.1712		22.0	20.0	10.0	20.0
n-Propyl acetate	Ave	0.2704	0.2538		18.8	20.0	-6.0	20.0
Bromodichloromethane	Ave	0.3306	0.3449	0.2000	20.9	20.0	4.0	20.0
2-Nitropropane	Ave	0.0502	0.0424		33.8	40.0	-16.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1411	0.1523		21.6	20.0	8.0	20.0
Epichlorohydrin	Lin2		0.2062		372	400	-7.0	20.0
cis-1,3-Dichloropropene	Ave	0.5533	0.5246	0.2000	19.0	20.0	-5.0	50.0
methyl isobutyl ketone	Ave	2.105	2.199	0.0500	104	100	4.0	50.0
Toluene	Ave	1.278	1.324	0.4000	20.7	20.0	4.0	20.0
trans-1,3-Dichloropropene	Ave	0.4952	0.4624	0.1000	18.7	20.0	-7.0	50.0
Ethyl methacrylate	Ave	0.3723	0.3314		17.8	20.0	-11.0	20.0
1,1,2-Trichloroethane	Lin2		0.2239	0.1000	18.2	20.0	-9.0	20.0
Tetrachloroethene	Ave	0.2925	0.2981	0.2000	20.4	20.0	2.0	20.0
1,3-Dichloropropane	Ave	0.4451	0.4356		19.6	20.0	-2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: CCVIS 460-1069418/2 Calibration Date: 10/20/2025 04:56

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K74088.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.516	1.452	0.0500	95.8	100	-4.0	50.0
n-Butyl acetate	Ave	0.3976	0.3315		16.7	20.0	-17.0	20.0
Dibromochloromethane	Lin2		0.3343	0.1000	19.5	20.0	-2.0	50.0
Ethylene Dibromide	Ave	0.3042	0.3027	0.1000	19.9	20.0	0.0	20.0
Chlorobenzene	Ave	0.8651	0.8767	0.5000	20.3	20.0	1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3181	0.3022		19.0	20.0	-5.0	20.0
Ethylbenzene	Ave	0.4415	0.4404	0.1000	19.9	20.0	0.0	20.0
m-Xylene & p-Xylene	Ave	0.5507	0.5371	0.1000	19.5	20.0	-2.0	20.0
n-Butyl acrylate	Ave	0.2541	0.2109		16.6	20.0	-17.0	20.0
o-Xylene	Ave	0.5446	0.5449	0.3000	20.0	20.0	0.0	20.0
Styrene	Ave	0.9005	0.9038	0.3000	20.1	20.0	0.0	20.0
Bromoform	Ave	0.2060	0.1883	0.1000	18.3	20.0	-9.0	20.0
Amyl acetate (mixed isomers)	Ave	0.8529	0.6978		16.4	20.0	-18.0	20.0
Isopropylbenzene	Ave	1.207	1.182	0.1000	19.6	20.0	-2.0	20.0
Bromobenzene	Ave	0.6593	0.6767		20.5	20.0	3.0	20.0
1,1,2,2-Tetrachloroethane	Lin2		0.6306	0.3000	20.3	20.0	1.0	20.0
1,2,3-Trichloropropane	Ave	0.8077	0.6708		16.6	20.0	-17.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.8077	0.6708		16.6	20.0	-17.0	20.0
N-Propylbenzene	Ave	2.875	2.821		19.6	20.0	-2.0	20.0
2-Chlorotoluene	Ave	2.039	2.065		20.3	20.0	1.0	20.0
4-Ethyltoluene	Ave	2.455	2.362		19.2	20.0	-4.0	20.0
1,3,5-Trimethylbenzene	Ave	2.071	2.006		19.4	20.0	-3.0	20.0
4-Chlorotoluene	Ave	2.126	2.058		19.4	20.0	-3.0	20.0
Butyl Methacrylate	Ave	0.8324	0.7561		18.2	20.0	-9.0	20.0
tert-Butylbenzene	Ave	1.702	1.558		18.3	20.0	-8.0	20.0
1,2,4-Trimethylbenzene	Ave	2.251	2.083		18.5	20.0	-7.0	20.0
sec-Butylbenzene	Ave	2.518	2.245		17.8	20.0	-11.0	20.0
1,3-Dichlorobenzene	Ave	1.178	1.215	0.6000	20.6	20.0	3.0	20.0
4-Isopropyltoluene	Ave	2.115	1.978		18.7	20.0	-6.0	20.0
1,4-Dichlorobenzene	Ave	1.220	1.275	0.5000	20.9	20.0	4.0	20.0
1,2,3-Trimethylbenzene	Ave	2.337	2.186		18.7	20.0	-6.0	20.0
Benzyl chloride	Ave	0.2550	0.2400		18.8	20.0	-6.0	50.0
Indan	Ave	2.083	2.010		19.3	20.0	-4.0	20.0
p-Diethylbenzene	Ave	1.265	1.178		18.6	20.0	-7.0	20.0
n-Butylbenzene	Ave	1.018	0.9757		19.2	20.0	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.183	1.153	0.4000	19.5	20.0	-3.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.131	1.975		18.5	20.0	-7.0	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1148	0.0200	15.6	20.0	-22.0	50.0
1,3,5-Trichlorobenzene	Ave	0.7497	0.7517		20.1	20.0	0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.7148	0.6816	0.2000	19.1	20.0	-5.0	20.0
Hexachlorobutadiene	Ave	0.2089	0.2335		22.4	20.0	12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Lab Sample ID: CCVIS 460-1069418/2 Calibration Date: 10/20/2025 04:56

Instrument ID: CVOAMS9 Calib Start Date: 08/12/2025 07:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/12/2025 10:56

Lab File ID: K74088.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.134	1.774		16.6	20.0	-17.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6830	0.6362		18.6	20.0	-7.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2673	0.2966		55.5	50.0	11.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2770	0.3017		54.5	50.0	9.0	20.0
Toluene-d8 (Surr)	Ave	1.313	1.346		51.2	50.0	2.0	20.0
4-Bromofluorobenzene	Ave	0.3772	0.3945		52.3	50.0	5.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74088.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Oct-2025 04:56:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0198102-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 05:35:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.205	1.205	0.000	91	12692	20.0	22.3	
3 Dichlorodifluoromethane	85	1.228	1.228	0.000	99	74760	20.0	24.5	
5 Chlorodifluoromethane	67	1.251	1.251	0.000	96	9147	20.0	21.2	
6 Chloromethane	50	1.377	1.377	0.000	99	56843	20.0	18.5	
7 Vinyl chloride	62	1.445	1.445	0.000	98	47441	20.0	20.8	
8 Butadiene	54	1.468	1.468	0.000	96	44369	20.0	22.3	
9 Bromomethane	94	1.685	1.685	0.000	99	24994	20.0	14.5	
10 Chloroethane	64	1.765	1.765	0.000	99	23585	20.0	17.9	
11 Dichlorofluoromethane	67	1.891	1.891	0.000	99	87202	20.0	20.6	
12 Trichlorofluoromethane	101	1.914	1.914	0.000	99	79728	20.0	24.7	
13 Pentane	57	1.960	1.960	0.000	95	12600	40.0	29.7	
14 Ethanol	46	2.040	2.040	0.000	93	5525	800.0	875.5	
15 Ethyl ether	59	2.108	2.108	0.000	96	37127	20.0	21.8	
17 2-Methyl-1,3-butadiene	53	2.131	2.131	0.000	84	34746	20.0	19.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.131	2.131	0.000	95	44351	20.0	23.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.177	2.177	0.000	96	72833	20.0	21.6	
19 Acrolein	56	2.234	2.234	0.000	94	9459	40.0	34.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.257	2.257	0.000	97	49429	20.0	21.6	
20 1,1-Dichloroethene	96	2.280	2.280	0.000	96	45390	20.0	20.4	
22 Acetone	58	2.326	2.326	0.000	87	15075	100.0	91.2	
24 Isopropyl alcohol	45	2.394	2.394	0.000	61	18083	200.0	214.7	
23 Iodomethane	142	2.406	2.406	0.000	97	33256	20.0	9.19	
25 Carbon disulfide	76	2.440	2.440	0.000	98	156347	20.0	20.5	
27 3-Chloro-1-propene	39	2.531	2.531	0.000	91	49694	20.0	22.5	
28 Methyl acetate	43	2.543	2.543	0.000	99	52550	40.0	43.5	
26 Acetonitrile	40	2.566	2.566	0.000	95	40350	200.0	233.3	
29 Cyclopentene	67	2.566	2.566	0.000	94	123892	20.0	20.8	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	175396	1000.0	1000.0	
30 Methylene Chloride	84	2.634	2.634	0.000	86	56886	20.0	21.5	
32 2-Methyl-2-propanol	59	2.668	2.668	0.000	99	34452	200.0	219.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Methyl tert-butyl ether	73	2.783	2.783	0.000	95	136388	20.0	20.8	
34 trans-1,2-Dichloroethene	96	2.806	2.806	0.000	95	53920	20.0	21.9	
33 Acrylonitrile	53	2.840	2.840	0.000	94	143955	200.0	198.4	
36 Hexane	57	2.954	2.954	0.000	90	52119	20.0	21.8	
39 Isopropyl ether	45	3.126	3.126	0.000	92	147839	20.0	22.1	
37 1,1-Dichloroethane	63	3.137	3.137	0.000	99	89896	20.0	21.3	
38 Vinyl acetate	86	3.148	3.148	0.000	100	17122	40.0	54.4	
40 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	89	43984	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.400	3.400	0.000	88	148445	20.0	22.1	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	201312	250.0	250.0	
44 2,2-Dichloropropane	97	3.571	3.571	0.000	93	19027	20.0	22.8	
45 cis-1,2-Dichloroethene	96	3.583	3.583	0.000	98	59690	20.0	22.4	
46 2-Butanone (MEK)	72	3.594	3.594	0.000	98	23493	100.0	108.1	
47 Ethyl acetate	43	3.594	3.594	0.000	99	152788	40.0	41.2	
48 Methyl acrylate	55	3.651	3.651	0.000	99	37776	20.0	20.5	
42 Propionitrile	54	3.686	3.686	0.000	95	53142	200.0	216.7	
49 Chlorobromomethane	128	3.777	3.777	0.000	81	29418	20.0	22.3	
51 Tetrahydrofuran	42	3.789	3.789	0.000	38	26953	40.0	40.9	
50 Methacrylonitrile	67	3.789	3.789	0.000	90	190212	200.0	220.7	
52 Chloroform	83	3.834	3.834	0.000	99	101213	20.0	23.2	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	162150	50.0	55.5	
54 1,1,1-Trichloroethane	97	3.971	3.971	0.000	96	83810	20.0	22.3	
55 Cyclohexane	84	3.983	3.983	0.000	86	65434	20.0	20.3	
56 Carbon tetrachloride	117	4.086	4.086	0.000	99	71566	20.0	21.0	
57 1,1-Dichloropropene	75	4.109	4.109	0.000	98	71936	20.0	22.0	
61 Isobutyl alcohol	43	4.189	4.189	0.000	98	30554	500.0	484.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	164956	50.0	54.5	
59 Benzene	78	4.280	4.280	0.000	93	212266	20.0	19.7	
62 Isooctane	57	4.280	4.280	0.000	52	92873	20.0	20.7	
63 Isopropyl acetate	43	4.326	4.326	0.000	99	115378	20.0	20.3	
60 1,2-Dichloroethane	62	4.349	4.349	0.000	74	71841	20.0	23.2	
64 Tert-amyl methyl ether	73	4.349	4.349	0.000	92	144110	20.0	21.2	
66 n-Heptane	43	4.451	4.451	0.000	91	38536	20.0	22.1	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	546684	50.0	50.0	
68 n-Butanol	56	4.794	4.794	0.000	90	17459	500.0	467.1	
67 Trichloroethene	95	4.874	4.874	0.000	98	57740	20.0	20.1	
69 Ethyl acrylate	55	4.966	4.966	0.000	98	62813	20.0	20.3	
70 Methylcyclohexane	83	5.000	5.000	0.000	94	71552	20.0	20.8	
71 1,2-Dichloropropane	63	5.114	5.114	0.000	91	51511	20.0	20.6	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	89	21863	1000.0	1000.0	
75 Methyl methacrylate	100	5.194	5.194	0.000	85	23586	40.0	36.8	
74 1,4-Dioxane	88	5.229	5.229	0.000	44	9148	400.0	556.2	
73 Dibromomethane	93	5.229	5.229	0.000	95	37446	20.0	22.0	
76 n-Propyl acetate	43	5.252	5.252	0.000	96	55496	20.0	18.8	
77 Dichlorobromomethane	83	5.377	5.377	0.000	99	75429	20.0	20.9	
78 2-Nitropropane	41	5.663	5.663	0.000	98	18525	40.0	33.8	
79 2-Chloroethyl vinyl ether	63	5.697	5.697	0.000	93	33380	20.0	21.6	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	66418	400.0	372.4	
81 cis-1,3-Dichloropropene	75	5.846	5.846	0.000	88	92634	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.994	5.994	0.000	96	177069	100.0	104.4	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	594081	50.0	51.2	
84 Toluene	91	6.166	6.166	0.000	93	233753	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.475	6.475	0.000	94	81656	20.0	18.7	
86 Ethyl methacrylate	69	6.520	6.520	0.000	88	58514	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.680	6.680	0.000	95	39530	20.0	18.2	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	52631	20.0	20.4	
89 1,3-Dichloropropane	76	6.886	6.886	0.000	91	76908	20.0	19.6	
90 2-Hexanone	43	6.955	6.955	0.000	94	116956	100.0	95.8	
92 n-Butyl acetate	43	7.080	7.080	0.000	99	58531	20.0	16.7	
91 Chlorodibromomethane	129	7.103	7.103	0.000	96	59035	20.0	19.5	
93 Ethylene Dibromide	107	7.252	7.252	0.000	99	53456	20.0	19.9	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	85	441436	50.0	50.0	
95 Chlorobenzene	112	7.835	7.835	0.000	97	154810	20.0	20.3	
97 Ethylbenzene	106	7.938	7.938	0.000	98	77765	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	7.938	7.938	0.000	44	53359	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.098	8.098	0.000	97	94833	20.0	19.5	
101 n-Butyl acrylate	73	8.589	8.589	0.000	97	37234	20.0	16.6	
99 o-Xylene	106	8.600	8.600	0.000	94	96224	20.0	20.0	
100 Styrene	104	8.635	8.635	0.000	96	159593	20.0	20.1	
102 Bromoform	173	8.840	8.840	0.000	95	33256	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	8.852	8.852	0.000	91	69766	20.0	16.4	
104 Isopropylbenzene	105	9.000	9.000	0.000	95	208638	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	87	174164	50.0	52.3	
106 Bromobenzene	156	9.298	9.298	0.000	92	67657	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	63045	20.0	20.3	
108 1,2,3-Trichloropropane	75	9.366	9.366	0.000	97	67064	20.0	16.6	
109 trans-1,4-Dichloro-2-butene	75	9.366	9.366	0.000	77	67064	20.0	16.6	a
110 N-Propylbenzene	91	9.378	9.378	0.000	99	282003	20.0	19.6	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	206505	20.0	20.3	
112 4-Ethyltoluene	105	9.469	9.469	0.000	99	236189	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	9.526	9.526	0.000	91	200587	20.0	19.4	
113 4-Chlorotoluene	91	9.549	9.549	0.000	97	205716	20.0	19.4	
115 Butyl Methacrylate	87	9.618	9.618	0.000	85	75592	20.0	18.2	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	155797	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	96	208247	20.0	18.5	
118 sec-Butylbenzene	105	9.915	9.915	0.000	99	224460	20.0	17.8	
119 1,3-Dichlorobenzene	146	10.006	10.006	0.000	95	121513	20.0	20.6	
122 4-Isopropyltoluene	119	10.018	10.018	0.000	98	197756	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	93	249946	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.075	10.075	0.000	95	127474	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	218514	20.0	18.7	
124 Benzyl chloride	126	10.166	10.166	0.000	98	23994	20.0	18.8	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	94	200926	20.0	19.3	
127 p-Diethylbenzene	119	10.258	10.258	0.000	92	117777	20.0	18.6	
128 n-Butylbenzene	92	10.281	10.281	0.000	97	97549	20.0	19.2	
126 1,2-Dichlorobenzene	146	10.303	10.303	0.000	94	115288	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	10.715	10.715	0.000	97	197412	20.0	18.5	
129 1,2-Dibromo-3-Chloropropane	157	10.772	10.772	0.000	92	11476	20.0	15.6	
131 1,3,5-Trichlorobenzene	180	10.864	10.864	0.000	98	75158	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	11.252	11.252	0.000	94	68145	20.0	19.1	
133 Hexachlorobutadiene	225	11.332	11.332	0.000	94	23344	20.0	22.4	
134 Naphthalene	128	11.412	11.412	0.000	99	177322	20.0	16.6	
135 1,2,3-Trichlorobenzene	180	11.584	11.584	0.000	96	63604	20.0	18.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	44.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.5	
S 139 Total BTEX	1				0		100.0	99.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00666	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00212	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
524FREONS_00042	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Oct-2025 08:45:37 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74088.D

Injection Date: 20-Oct-2025 04:56:30 Instrument ID: CVOAMS9 Operator ID:

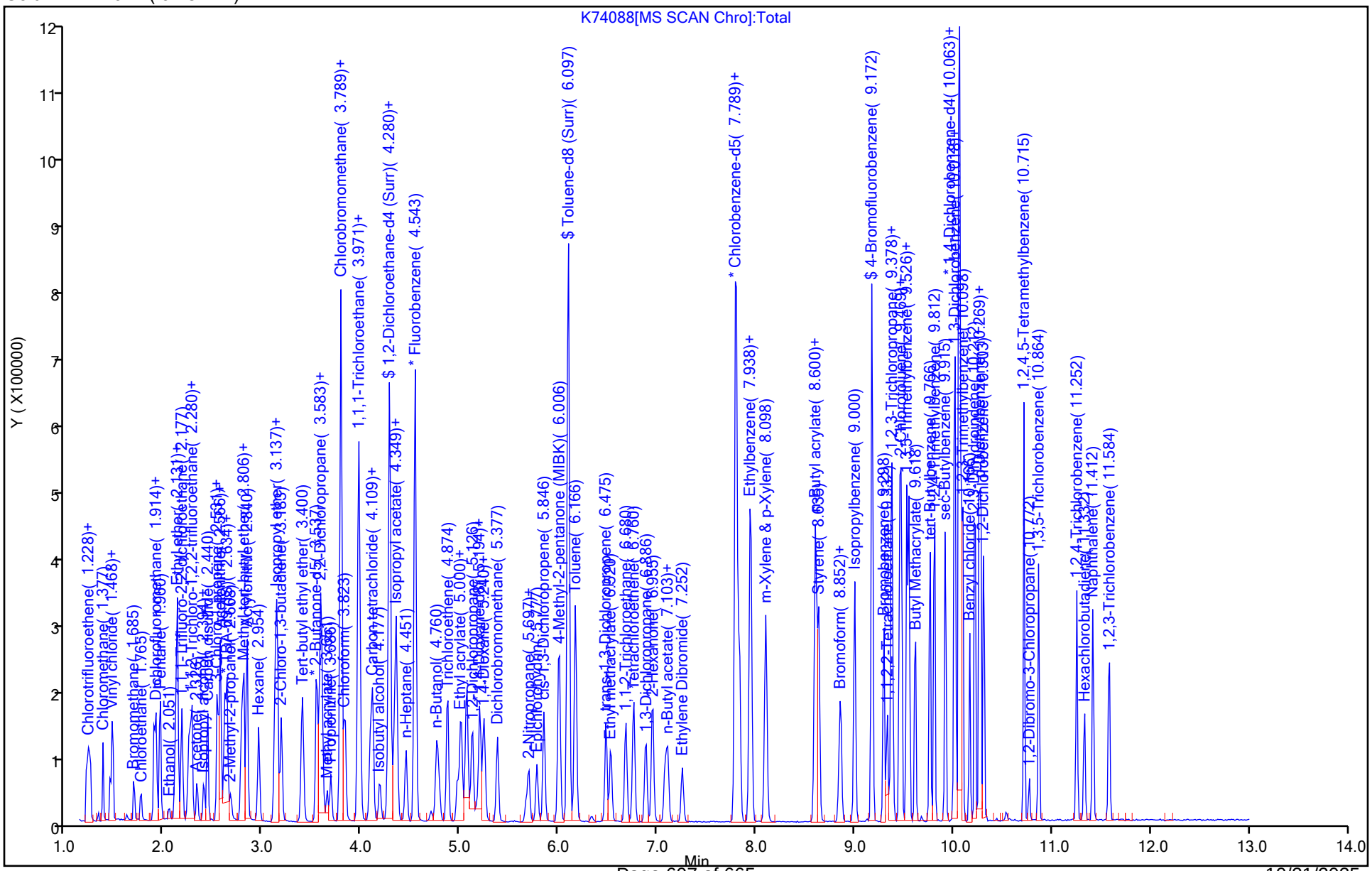
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

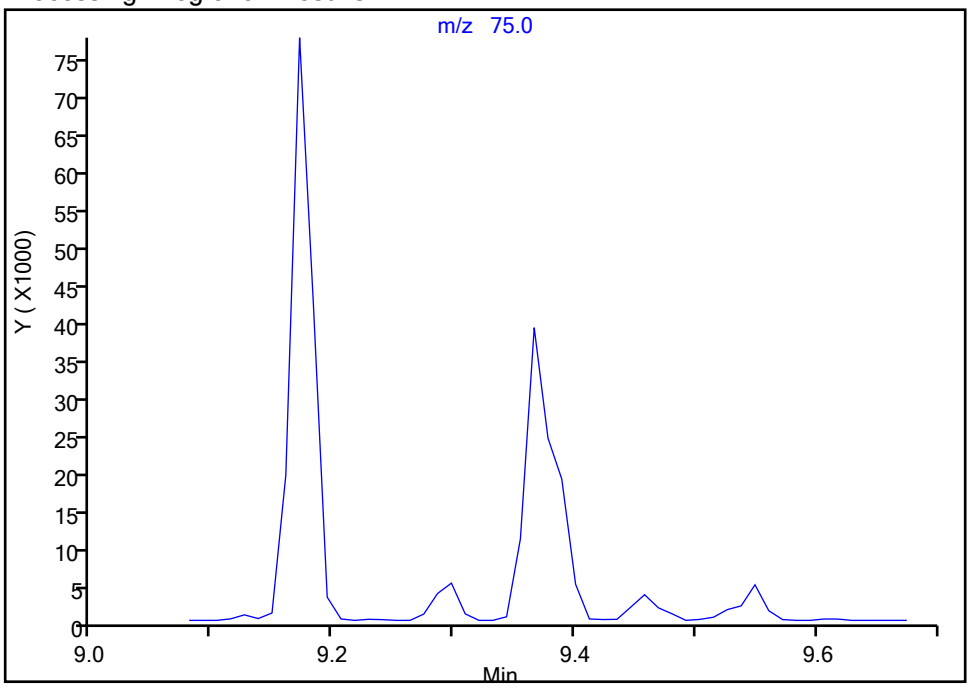
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74088.D
Injection Date: 20-Oct-2025 04:56:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

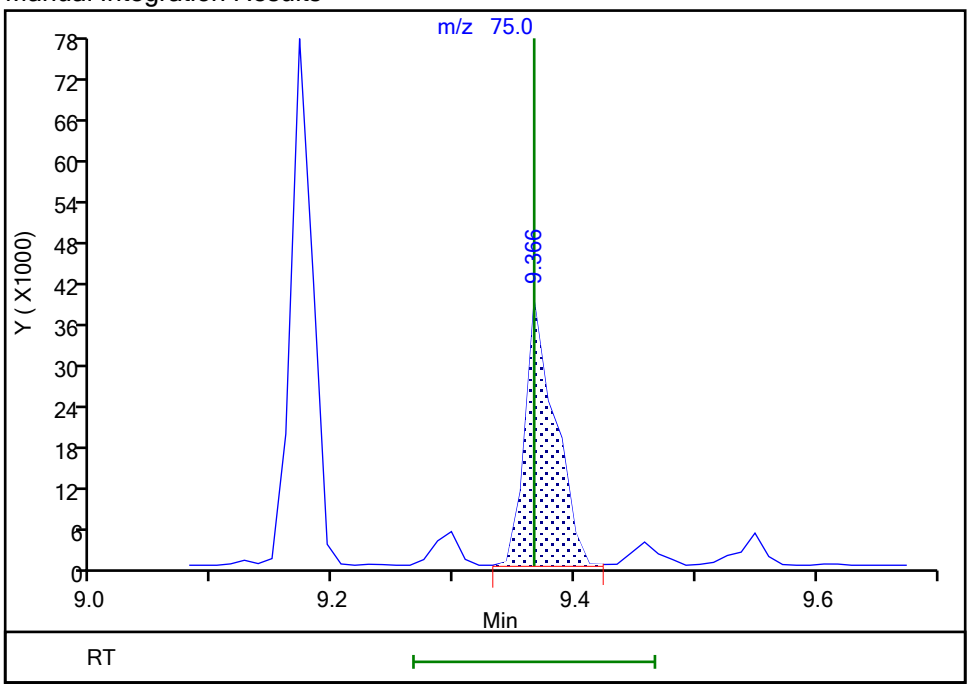
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.37
Area: 67064
Amount: 16.609477
Amount Units: ug/l



Reviewer: N1JZ, 20-Oct-2025 05:33:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	12-Aug-2025 06:24:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0194792-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	13-Aug-2025 08:57:08	Calib Date:	12-Aug-2025 10:56:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1725				
First Level Reviewer: N1JZ		Date:	12-Aug-2025 06:32:53		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

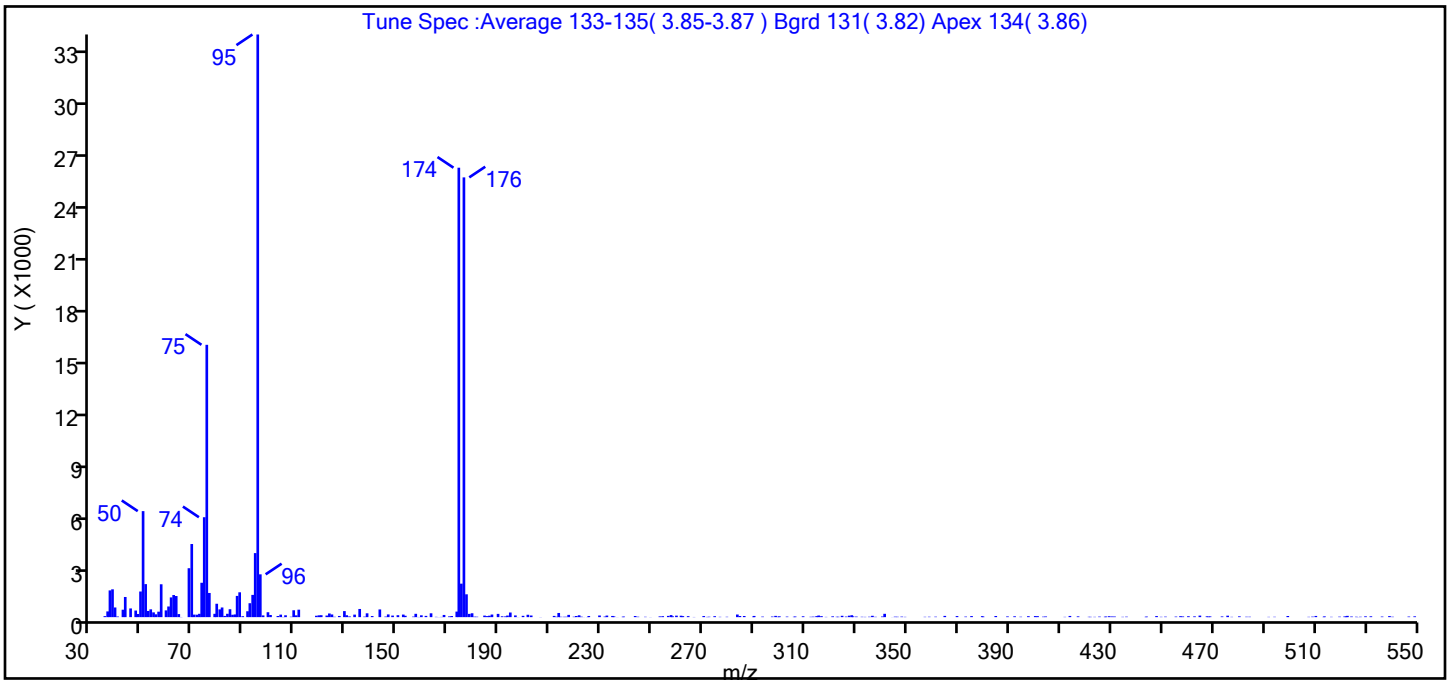
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D
Injection Date: 12-Aug-2025 06:24:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (129.6)
96	5 to 9% of m/z 95	7.3
173	<2% of m/z 174	1.0 (1.2)
174	50 to 200% of m/z 95	77.1
175	5 to 9% of m/z 174	5.7 (7.4)
176	95 to 105% of m/z 174	75.5 (97.8)
177	5 to 10% of m/z 176	3.9 (5.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D\8260DW_9.rslt\spectra.d
Injection Date: 12-Aug-2025 06:24:30
Spectrum: Tune Spec :Average 133-135(3.85-3.87) Bgrd 131(3.82) Apex 134(3.86)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 284

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	59	125.00	21	235.00	44	373.00	32
36.00	332	127.00	68	236.00	4	375.00	61
37.00	1548	129.00	350	238.00	21	379.00	56
38.00	1611	130.00	110	239.00	31	380.00	25
39.00	560	131.00	41	243.00	66	385.00	66
40.00	36	133.00	146	244.00	25	389.00	42
42.00	430	135.00	473	247.00	21	392.00	49
43.00	1167	137.00	29	249.00	6	394.00	24
45.00	504	138.00	222	253.00	44	398.00	54
47.00	382	140.00	64	254.00	55	400.00	62
48.00	184	143.00	446	256.00	73	401.00	57
49.00	1484	145.00	33	257.00	118	403.00	28
50.00	6137	146.00	157	258.00	47	404.00	39
51.00	1912	148.00	90	259.00	87	412.00	16
52.00	358	150.00	112	261.00	83	414.00	69
53.00	452	152.00	149	262.00	58	417.00	45
54.00	277	153.00	80	263.00	1	421.00	20
55.00	164	156.00	32	264.00	57	422.00	17
56.00	316	157.00	193	266.00	10	424.00	17
57.00	1903	158.00	11	270.00	63	425.00	31
59.00	391	159.00	106	271.00	14	428.00	19
60.00	617	161.00	73	272.00	24	428.00	35
61.00	1142	163.00	223	274.00	55	429.00	53
62.00	1280	165.00	17	276.00	18	430.00	39
63.00	1222	166.00	6	279.00	21	431.00	36
64.00	177	167.00	13	283.00	152	434.00	18
65.00	9	168.00	127	284.00	66	436.00	27
68.00	2832	170.00	44	286.00	66	444.00	18
69.00	4233	171.00	64	290.00	31	444.00	31
70.00	147	173.00	321	290.00	70	448.00	63
71.00	142	174.00	26016	293.00	31	450.00	19
72.00	193	175.00	1938	297.00	35	451.00	29
73.00	1990	176.00	25456	298.00	73	455.00	32

Report Date: 13-Aug-2025 08:57:09 Chrom Revision: 2.3 25-Jul-2025 13:52:40
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D\8260DW_9.rslt\spectra.d
Injection Date: 12-Aug-2025 06:24:30
Spectrum: Tune Spec :Average 133-135(3.85-3.87) Bgrd 131(3.82) Apex 134(3.86)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 284

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	5784	177.00	1322	299.00	26	457.00	56
75.00	15764	178.00	189	300.00	46	458.00	40
76.00	1399	179.00	225	303.00	32	460.00	52
78.00	193	180.00	28	306.00	23	463.00	45
79.00	775	181.00	25	306.00	34	465.00	89
80.00	449	184.00	89	309.00	49	468.00	47
81.00	559	185.00	60	312.00	21	468.00	29
82.00	71	186.00	82	313.00	29	469.00	43
83.00	194	187.00	151	314.00	59	474.00	41
84.00	458	189.00	189	315.00	93	476.00	84
85.00	138	191.00	49	316.00	56	477.00	17
86.00	157	192.00	44	318.00	14	480.00	47
87.00	1229	193.00	92	321.00	46	483.00	24
88.00	1438	194.00	268	322.00	23	484.00	24
89.00	54	196.00	99	323.00	21	492.00	16
91.00	341	197.00	5	324.00	78	494.00	20
92.00	806	199.00	76	326.00	32	499.00	66
93.00	1288	201.00	138	327.00	85	508.00	18
94.00	3707	202.00	94	328.00	111	509.00	30
95.00	33728	206.00	7	329.00	44	510.00	69
96.00	2478	211.00	71	330.00	32	513.00	17
97.00	100	212.00	23	332.00	21	514.00	43
99.00	284	213.00	242	333.00	16	516.00	18
100.00	124	214.00	24	335.00	24	520.00	28
103.00	66	215.00	21	336.00	78	522.00	39
104.00	145	216.00	24	338.00	20	522.00	41
105.00	11	217.00	131	340.00	36	523.00	74
106.00	108	219.00	26	341.00	193	524.00	36
108.00	23	220.00	66	344.00	4	526.00	24
109.00	398	221.00	107	345.00	27	527.00	6
110.00	103	222.00	28	346.00	22	528.00	23
111.00	432	223.00	4	348.00	30	530.00	47
118.00	81	224.00	6	349.00	17	532.00	49
119.00	104	225.00	67	357.00	19	536.00	34

Report Date: 13-Aug-2025 08:57:09 Chrom Revision: 2.3 25-Jul-2025 13:52:40
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D\8260DW_9.rslt\spectra.d
Injection Date: 12-Aug-2025 06:24:30
Spectrum: Tune Spec :Average 133-135(3.85-3.87) Bgrd 131(3.82) Apex 134(3.86)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 284

m/z	Y	m/z	Y	m/z	Y	m/z	Y
120.00	112	229.00	95	359.00	24	539.00	60
122.00	92	231.00	32	361.00	27	540.00	24
123.00	212	232.00	91	365.00	72	547.00	34
124.00	155	234.00	69	370.00	63	549.00	47

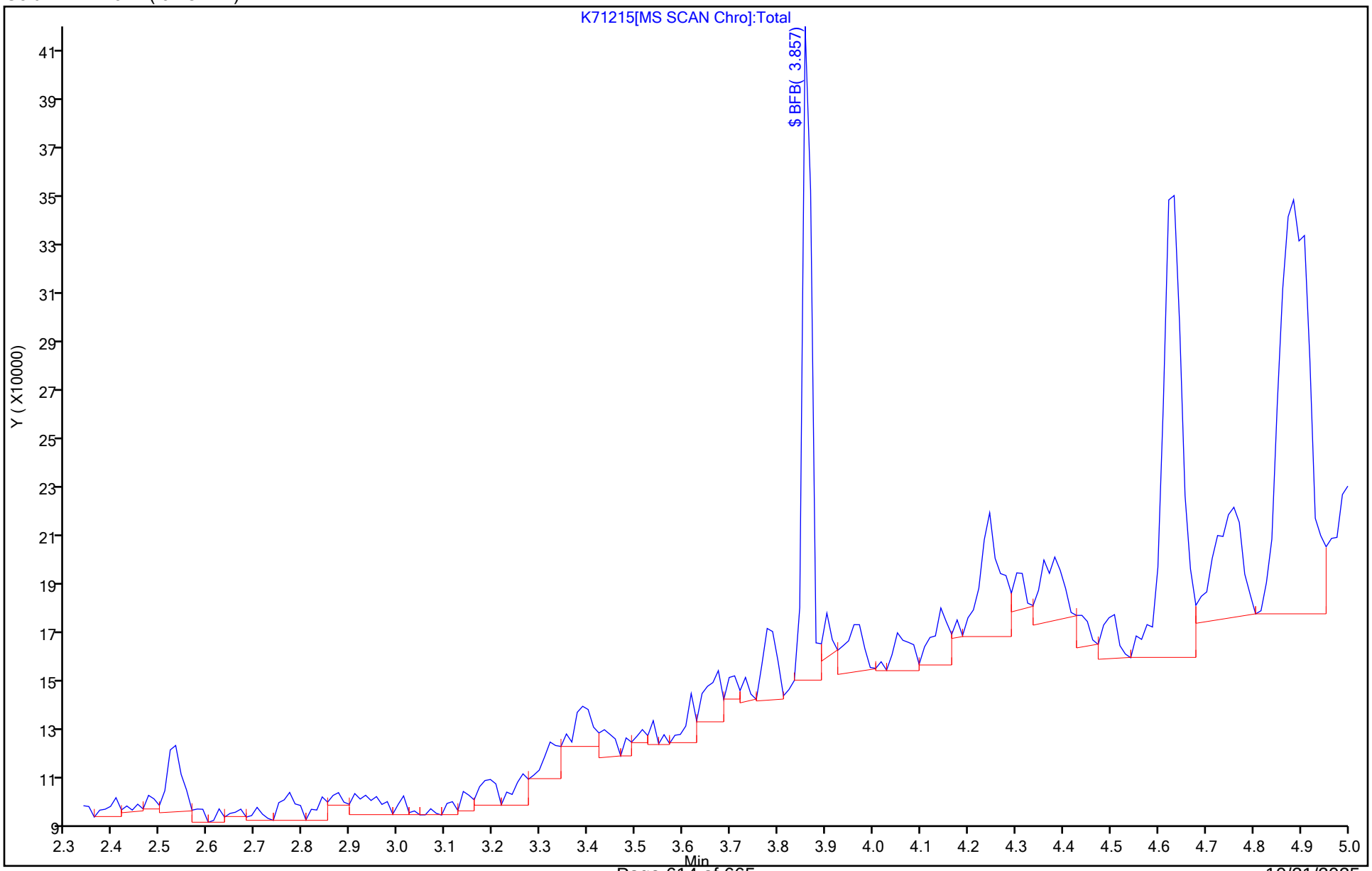
Report Date: 13-Aug-2025 08:57:09 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71215.D

Injection Date:	12-Aug-2025 06:24:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1069418/8

Matrix: Water | Lab File ID: K74094.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 07:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-27-4	Bromodichloromethane	0.98	U	0.98	0.15
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
124-48-1	Dibromochloromethane	0.78	U	0.78	0.086
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	3.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1069418/8

Matrix: Water | Lab File ID: K74094.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 07:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74094.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Oct-2025 07:18:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0198102-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:45:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	179675	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	207328	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	160874	50.0	57.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	161942	50.0	55.6	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	525878	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	28	21685	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	573400	50.0	50.6	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	85	431181	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	167742	50.0	51.6	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	230772	50.0	50.0	

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00258 Amount Added: 1.00 Units: uL Run Reagent

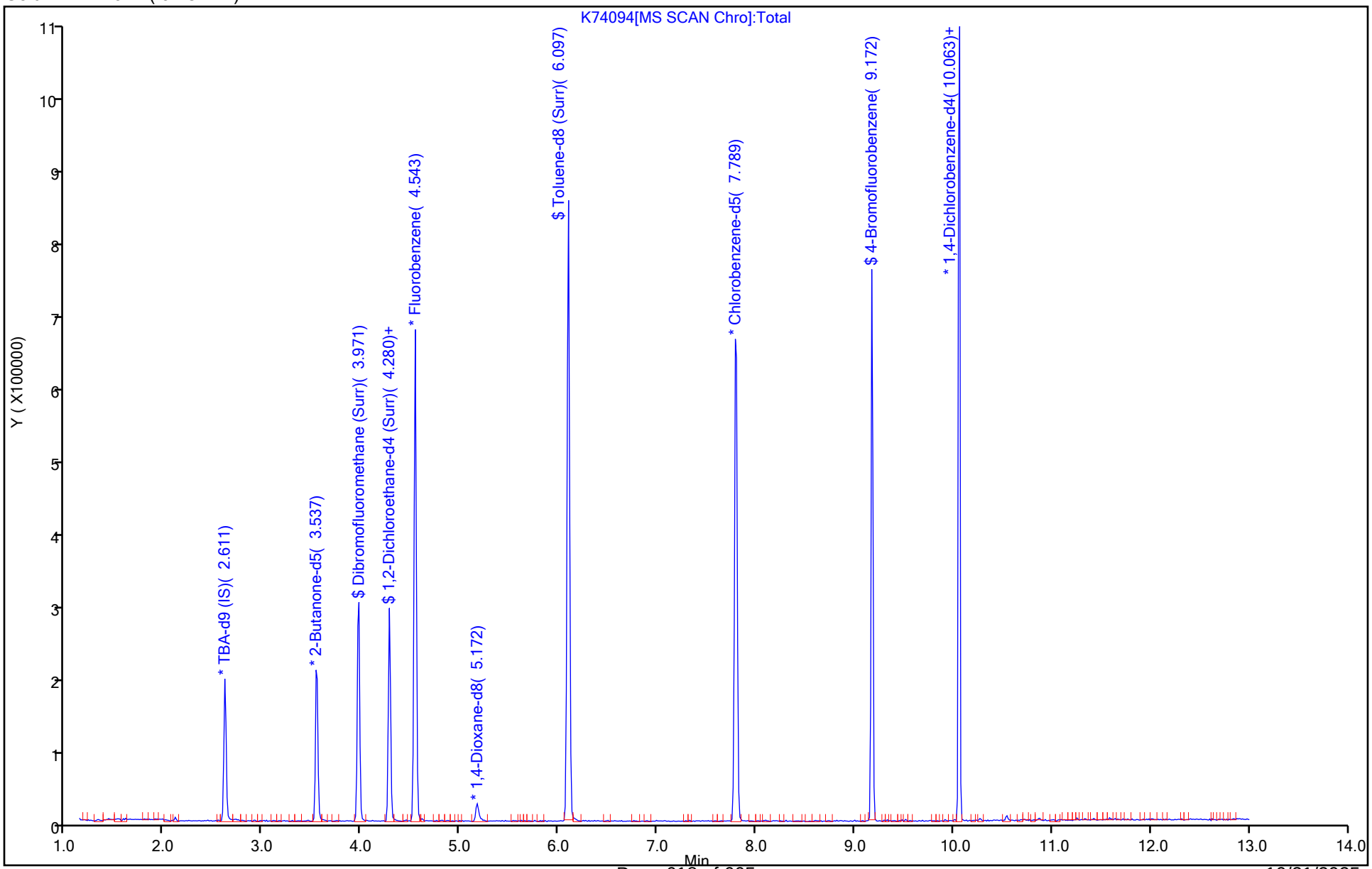
Report Date: 20-Oct-2025 08:45:58 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74094.D

Injection Date:	20-Oct-2025 07:18:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74094.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Oct-2025 07:18:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0198102-008
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:45:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	57.2	114.45
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.6	111.18
$ 83 Toluene-d8 (Surr)	50.0	50.6	101.26
$ 105 4-Bromofluorobenzene	50.0	51.6	103.14

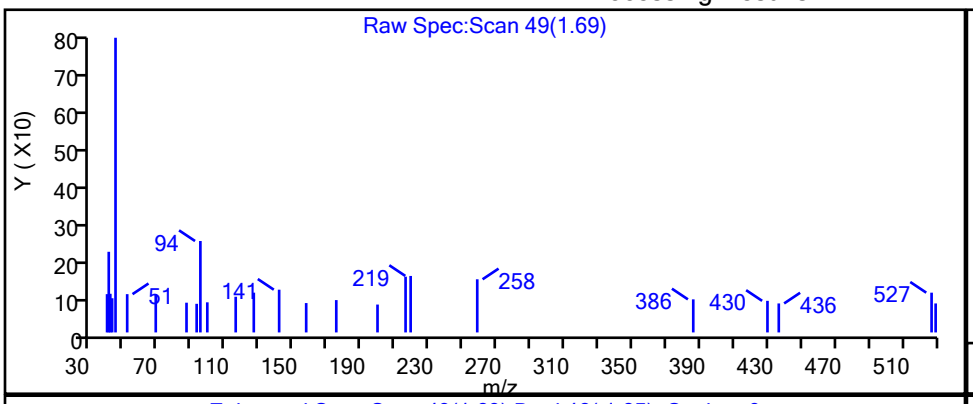
User Disabled Compound Report

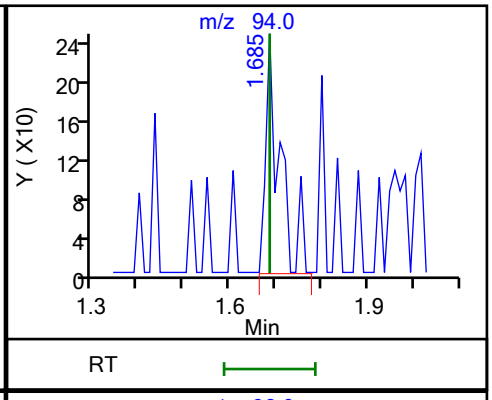
Eurofins Edison

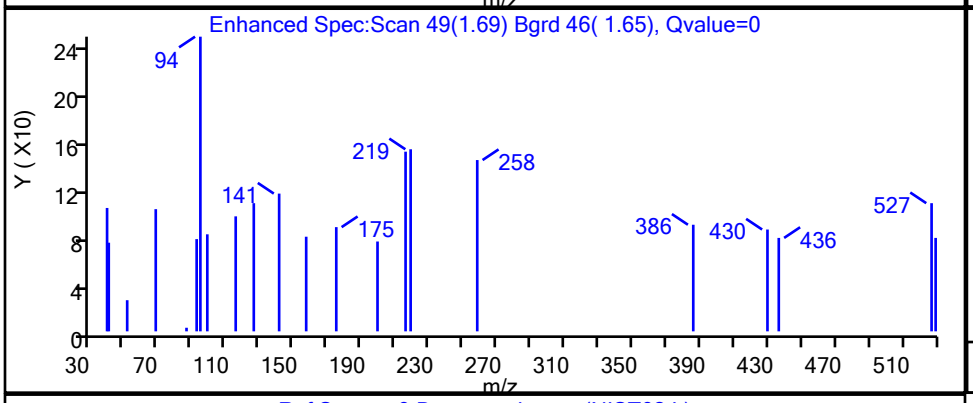
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74094.D
Injection Date: 20-Oct-2025 07:18:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

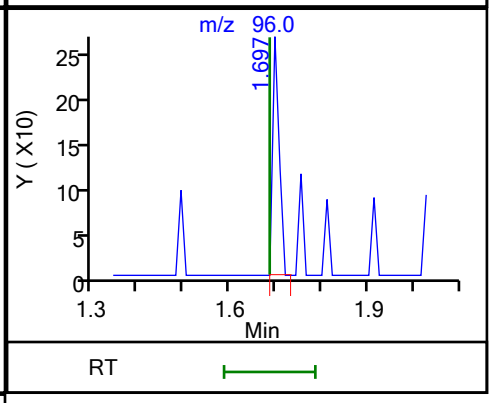
9 Bromomethane, CAS: 74-83-9

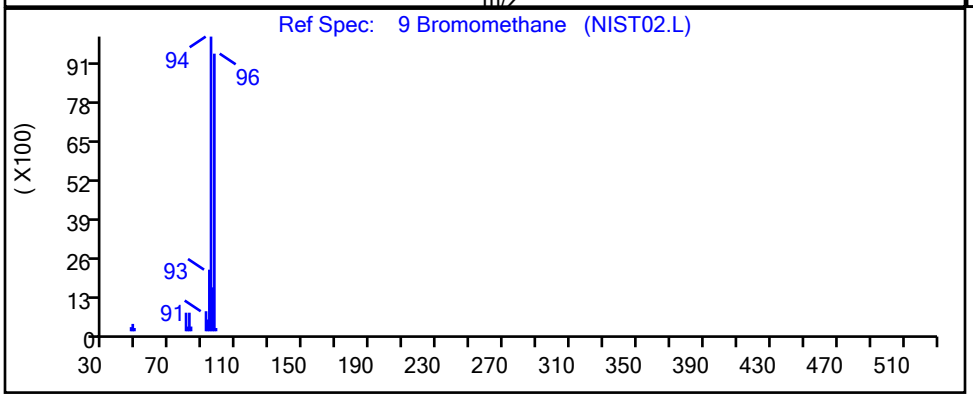
Processing Results











RT	Mass	Response	Amount
1.69	94.00	525	0.317327
1.70	96.00	258	

Reviewer: N1JZ, 20-Oct-2025 08:45:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1069418/4

Matrix: Water | Lab File ID: K74090.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 05:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.4		0.20	0.085
79-00-5	1,1,2-Trichloroethane	20.1		0.58	0.19
75-34-3	1,1-Dichloroethane	22.8		1.0	0.26
75-35-4	1,1-Dichloroethene	20.3		1.0	0.26
107-06-2	1,2-Dichloroethane	23.9		0.30	0.087
78-87-5	1,2-Dichloropropane	21.3		0.92	0.074
591-78-6	2-Hexanone	99.6		5.0	1.1
67-64-1	Acetone	94.0		5.0	4.4
71-43-2	Benzene	19.9		0.45	0.070
75-27-4	Bromodichloromethane	21.3		0.98	0.15
75-25-2	Bromoform	19.7		1.0	0.54
74-83-9	Bromomethane	14.9		1.0	0.55
75-15-0	Carbon disulfide	21.9		1.0	0.82
56-23-5	Carbon tetrachloride	21.7		1.0	0.21
108-90-7	Chlorobenzene	20.5		1.0	0.38
75-00-3	Chloroethane	18.2		1.0	0.32
67-66-3	Chloroform	23.4		1.0	0.33
74-87-3	Chloromethane	16.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.4		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	19.1		0.45	0.069
124-48-1	Dibromochloromethane	20.0		0.78	0.086
100-41-4	Ethylbenzene	20.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	104		5.0	3.9
108-10-1	methyl isobutyl ketone	102		5.0	1.3
75-09-2	Methylene Chloride	22.2		1.0	0.65
100-42-5	Styrene	20.1		1.0	0.42
127-18-4	Tetrachloroethene	21.4		0.40	0.28
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.0		0.45	0.12
79-01-6	Trichloroethene	21.6		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1069418/4

Matrix: Water | Lab File ID: K74090.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 05:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	19.3		1.0	0.40
1330-20-7	Xylenes, Total	39.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74090.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2025 05:43:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0198102-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:43:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.206	1.205	0.001	92	12889	20.0	20.4	
3 Dichlorodifluoromethane	85	1.228	1.228	0.000	99	67969	20.0	22.6	
5 Chlorodifluoromethane	67	1.251	1.251	0.000	98	7740	20.0	18.1	
6 Chloromethane	50	1.377	1.377	0.000	99	50403	20.0	16.6	
7 Vinyl chloride	62	1.446	1.445	0.001	99	43319	20.0	19.3	
8 Butadiene	54	1.468	1.468	0.000	97	37074	20.0	19.0	
9 Bromomethane	94	1.686	1.685	0.001	99	25254	20.0	14.9	
10 Chloroethane	64	1.766	1.765	0.001	99	23718	20.0	18.2	
11 Dichlorofluoromethane	67	1.891	1.891	0.000	99	82352	20.0	19.7	
12 Trichlorofluoromethane	101	1.914	1.914	0.000	99	71382	20.0	22.5	
13 Pentane	57	1.960	1.960	0.000	96	12407	40.0	29.7	
14 Ethanol	46	2.051	2.040	0.011	97	5833	800.0	830.5	
15 Ethyl ether	59	2.108	2.108	0.000	98	40613	20.0	24.3	
17 2-Methyl-1,3-butadiene	53	2.131	2.131	0.000	84	33994	20.0	19.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.131	2.131	0.000	96	42405	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.177	2.177	0.000	95	73100	20.0	22.1	
19 Acrolein	56	2.234	2.234	0.000	96	9932	40.0	32.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.257	2.257	0.000	95	49424	20.0	22.0	
20 1,1-Dichloroethene	96	2.280	2.280	0.000	96	44525	20.0	20.3	
22 Acetone	58	2.326	2.326	0.000	87	17261	100.0	94.0	
24 Isopropyl alcohol	45	2.394	2.394	0.000	75	22190	200.0	237.1	
23 Iodomethane	142	2.406	2.406	0.000	98	33271	20.0	9.34	
25 Carbon disulfide	76	2.440	2.440	0.000	98	164088	20.0	21.9	
27 3-Chloro-1-propene	39	2.531	2.531	0.000	90	49618	20.0	22.8	
28 Methyl acetate	43	2.543	2.543	0.000	99	56061	40.0	41.7	
26 Acetonitrile	40	2.566	2.566	0.000	73	43963	200.0	228.4	
29 Cyclopentene	67	2.566	2.566	0.000	92	122926	20.0	21.0	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	195214	1000.0	1000.0	
30 Methylene Chloride	84	2.634	2.634	0.000	88	57683	20.0	22.2	
32 2-Methyl-2-propanol	59	2.669	2.668	0.001	97	37955	200.0	217.2	
35 Methyl tert-butyl ether	73	2.783	2.783	0.000	96	142392	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.806	2.806	0.000	93	54422	20.0	22.5	
33 Acrylonitrile	53	2.840	2.840	0.000	95	156630	200.0	219.4	
36 Hexane	57	2.954	2.954	0.000	91	47695	20.0	20.3	
39 Isopropyl ether	45	3.126	3.126	0.000	93	145854	20.0	22.2	
37 1,1-Dichloroethane	63	3.137	3.137	0.000	99	94476	20.0	22.8	
38 Vinyl acetate	86	3.149	3.148	0.001	100	16671	40.0	47.7	
40 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	88	45578	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.400	3.400	0.000	89	148799	20.0	22.5	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	223638	250.0	250.0	
44 2,2-Dichloropropane	97	3.571	3.571	0.000	93	18842	20.0	23.0	
45 cis-1,2-Dichloroethene	96	3.583	3.583	0.000	97	61291	20.0	23.4	
46 2-Butanone (MEK)	72	3.594	3.594	0.000	98	25113	100.0	104.0	
47 Ethyl acetate	43	3.594	3.594	0.000	97	162301	40.0	39.4	
48 Methyl acrylate	55	3.651	3.651	0.000	98	39223	20.0	21.6	
42 Propionitrile	54	3.686	3.686	0.000	95	57216	200.0	209.6	
49 Chlorobromomethane	128	3.777	3.777	0.000	73	30821	20.0	23.7	
51 Tetrahydrofuran	42	3.789	3.789	0.000	29	29046	40.0	39.6	
50 Methacrylonitrile	67	3.789	3.789	0.000	89	201919	200.0	238.1	
52 Chloroform	83	3.834	3.834	0.000	99	100264	20.0	23.4	
$ 53 Dibromofluoromethane (Surr)	113	3.972	3.971	0.001	95	160077	50.0	55.7	
54 1,1,1-Trichloroethane	97	3.972	3.971	0.001	97	81707	20.0	22.1	
55 Cyclohexane	84	3.983	3.983	0.000	87	64325	20.0	20.3	
56 Carbon tetrachloride	117	4.086	4.086	0.000	98	72662	20.0	21.7	
57 1,1-Dichloropropene	75	4.109	4.109	0.000	97	70894	20.0	22.0	
61 Isobutyl alcohol	43	4.177	4.189	-0.012	99	35271	500.0	502.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	164460	50.0	55.2	
59 Benzene	78	4.280	4.280	0.000	94	217324	20.0	19.9	
62 Isooctane	57	4.280	4.280	0.000	59	92579	20.0	21.0	
63 Isopropyl acetate	43	4.326	4.326	0.000	98	124634	20.0	22.2	
60 1,2-Dichloroethane	62	4.349	4.349	0.000	73	72720	20.0	23.9	
64 Tert-amyl methyl ether	73	4.349	4.349	0.000	91	151237	20.0	22.7	
66 n-Heptane	43	4.452	4.451	0.001	87	36451	20.0	21.2	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	537948	50.0	50.0	
68 n-Butanol	56	4.783	4.794	-0.011	88	22176	500.0	535.2	
67 Trichloroethene	95	4.874	4.874	0.000	98	60934	20.0	21.6	
69 Ethyl acrylate	55	4.966	4.966	0.000	98	66602	20.0	21.9	
70 Methylcyclohexane	83	5.012	5.000	0.012	95	68435	20.0	20.2	
71 1,2-Dichloropropane	63	5.114	5.114	0.000	90	52240	20.0	21.3	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	90	25027	1000.0	1000.0	
75 Methyl methacrylate	100	5.194	5.194	0.000	84	26520	40.0	42.1	
74 1,4-Dioxane	88	5.217	5.229	-0.012	71	9941	400.0	528.0	
73 Dibromomethane	93	5.229	5.229	0.000	96	37901	20.0	22.6	
76 n-Propyl acetate	43	5.252	5.252	0.000	96	61413	20.0	21.1	
77 Dichlorobromomethane	83	5.377	5.377	0.000	98	75696	20.0	21.3	
78 2-Nitropropane	41	5.663	5.663	0.000	97	19758	40.0	36.6	
79 2-Chloroethyl vinyl ether	63	5.697	5.697	0.000	94	33364	20.0	22.0	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	77644	400.0	392.1	
81 cis-1,3-Dichloropropene	75	5.846	5.846	0.000	89	94416	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.995	5.994	0.001	95	192617	100.0	102.3	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	585286	50.0	49.8	
84 Toluene	91	6.166	6.166	0.000	92	239540	20.0	21.0	
85 trans-1,3-Dichloropropene	75	6.475	6.475	0.001	93	84000	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.532	6.520	0.012	84	63958	20.0	19.2	
87 1,1,2-Trichloroethane	83	6.680	6.680	0.000	95	44023	20.0	20.1	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	55839	20.0	21.4	
89 1,3-Dichloropropane	76	6.886	6.886	0.000	91	81991	20.0	20.6	
90 2-Hexanone	43	6.943	6.955	-0.012	96	135025	100.0	99.6	
92 n-Butyl acetate	43	7.080	7.080	0.000	99	62966	20.0	17.7	
91 Chlorodibromomethane	129	7.103	7.103	0.000	96	61285	20.0	20.0	
93 Ethylene Dibromide	107	7.252	7.252	0.000	98	56949	20.0	20.9	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	447026	50.0	50.0	
95 Chlorobenzene	112	7.823	7.835	-0.012	96	158514	20.0	20.5	
97 Ethylbenzene	106	7.938	7.938	0.000	98	78929	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	7.938	7.938	0.000	44	56614	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.098	8.098	0.000	97	96023	20.0	19.5	
101 n-Butyl acrylate	73	8.601	8.589	0.012	98	41488	20.0	18.3	
99 o-Xylene	106	8.601	8.600	0.001	93	98140	20.0	20.2	
100 Styrene	104	8.635	8.635	0.000	96	161450	20.0	20.1	
102 Bromoform	173	8.841	8.840	0.001	96	36258	20.0	19.7	
103 Amyl acetate (mixed isomers)	43	8.852	8.852	0.000	91	75433	20.0	18.2	
104 Isopropylbenzene	105	9.001	9.000	0.001	95	213350	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	176756	50.0	52.4	
106 Bromobenzene	156	9.298	9.298	0.000	96	68688	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	99	67646	20.0	22.4	
108 1,2,3-Trichloropropane	75	9.366	9.366	0.000	96	74765	20.0	19.0	a
109 trans-1,4-Dichloro-2-butene	75	9.366	9.366	0.000	73	74765	20.0	19.0	
110 N-Propylbenzene	91	9.378	9.378	0.000	99	282912	20.0	20.3	
111 2-Chlorotoluene	91	9.458	9.458	0.000	97	206920	20.0	20.9	
112 4-Ethyltoluene	105	9.469	9.469	0.000	99	242399	20.0	20.3	
114 1,3,5-Trimethylbenzene	105	9.526	9.526	0.000	92	206501	20.0	20.5	
113 4-Chlorotoluene	91	9.549	9.549	0.000	97	211451	20.0	20.5	
115 Butyl Methacrylate	87	9.618	9.618	0.000	85	76574	20.0	18.9	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	158420	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	212807	20.0	19.5	
118 sec-Butylbenzene	105	9.915	9.915	0.000	99	226370	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.006	10.006	0.000	95	125439	20.0	21.9	
122 4-Isopropyltoluene	119	10.018	10.018	0.000	97	194936	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	10.064	10.063	0.001	94	242992	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.075	10.075	0.000	96	129871	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	97	226637	20.0	20.0	
124 Benzyl chloride	126	10.166	10.166	0.000	99	25384	20.0	20.5	
125 2,3-Dihydroindene	117	10.224	10.223	0.001	94	210761	20.0	20.8	
127 p-Diethylbenzene	119	10.269	10.258	0.011	93	122012	20.0	19.8	
128 n-Butylbenzene	92	10.281	10.281	0.000	97	101103	20.0	20.4	
126 1,2-Dichlorobenzene	146	10.315	10.303	0.012	97	122120	20.0	21.2	
130 1,2,4,5-Tetramethylbenzene	119	10.726	10.715	0.011	97	196516	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	10.772	10.772	0.000	94	13855	20.0	19.5	
131 1,3,5-Trichlorobenzene	180	10.875	10.864	0.011	98	76609	20.0	21.0	
132 1,2,4-Trichlorobenzene	180	11.252	11.252	0.000	93	74136	20.0	21.3	
133 Hexachlorobutadiene	225	11.332	11.332	0.000	89	22630	20.0	22.3	
134 Naphthalene	128	11.424	11.412	0.012	99	195496	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	11.584	11.584	0.000	97	69160	20.0	20.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	45.9	
S 138 Xylenes, Total	100				0		40.0	39.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	100.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00666	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00212	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
524FREONS_00042	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Oct-2025 08:45:41 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74090.D

Injection Date: 20-Oct-2025 05:43:30 Instrument ID: CVOAMS9 Operator ID:

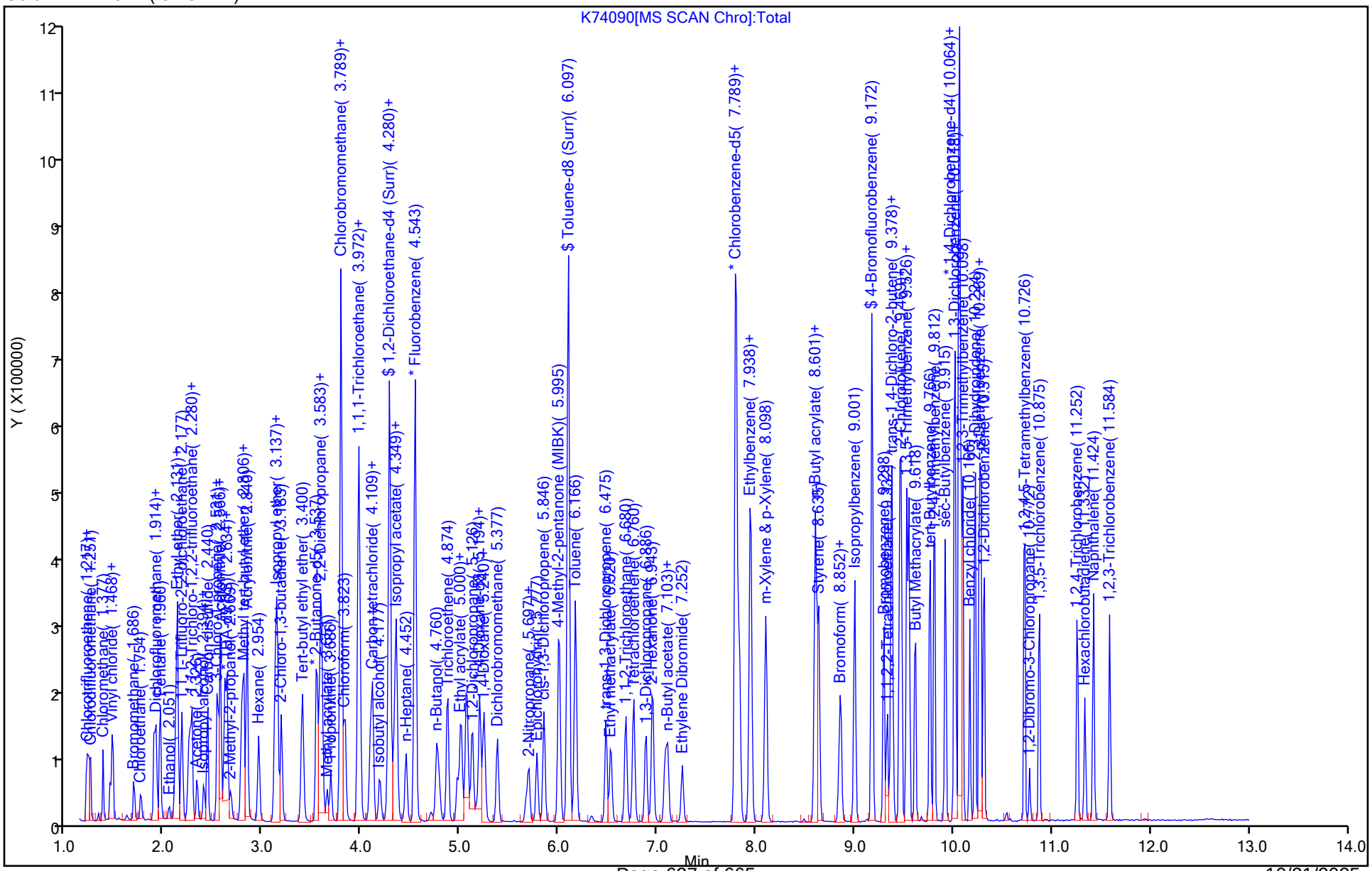
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74090.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Oct-2025 05:43:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0198102-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:43:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	55.7	111.33
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.2	110.38
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.69
$ 105 4-Bromofluorobenzene	50.0	52.4	104.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1069418/5

Matrix: Water | Lab File ID: K74091.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 06:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.9		0.20	0.085
79-00-5	1,1,2-Trichloroethane	19.5		0.58	0.19
75-34-3	1,1-Dichloroethane	22.0		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
107-06-2	1,2-Dichloroethane	22.6		0.30	0.087
78-87-5	1,2-Dichloropropane	21.1		0.92	0.074
591-78-6	2-Hexanone	91.0		5.0	1.1
67-64-1	Acetone	88.9		5.0	4.4
71-43-2	Benzene	19.5		0.45	0.070
75-27-4	Bromodichloromethane	21.1		0.98	0.15
75-25-2	Bromoform	18.0		1.0	0.54
74-83-9	Bromomethane	16.0		1.0	0.55
75-15-0	Carbon disulfide	20.5		1.0	0.82
56-23-5	Carbon tetrachloride	20.1		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	17.0		1.0	0.32
67-66-3	Chloroform	22.9		1.0	0.33
74-87-3	Chloromethane	16.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.3		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	18.6		0.45	0.069
124-48-1	Dibromochloromethane	18.8		0.78	0.086
100-41-4	Ethylbenzene	20.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.7		5.0	3.9
108-10-1	methyl isobutyl ketone	98.9		5.0	1.3
75-09-2	Methylene Chloride	21.0		1.0	0.65
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	20.2		0.40	0.28
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.8		0.45	0.12
79-01-6	Trichloroethene	20.8		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1069418/5

Matrix: Water | Lab File ID: K74091.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 06:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	18.8		1.0	0.40
1330-20-7	Xylenes, Total	39.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74091.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2025 06:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0198102-005
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:45:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.205	1.205	0.000	93	12916	20.0	21.6	
3 Dichlorodifluoromethane	85	1.228	1.228	0.000	99	68294	20.0	22.4	
5 Chlorodifluoromethane	67	1.251	1.251	0.000	97	8049	20.0	18.6	
6 Chloromethane	50	1.377	1.377	0.000	99	51639	20.0	16.8	
7 Vinyl chloride	62	1.445	1.445	0.000	98	42946	20.0	18.8	
8 Butadiene	54	1.468	1.468	0.000	97	39085	20.0	19.7	
9 Bromomethane	94	1.686	1.685	0.001	97	27519	20.0	16.0	
10 Chloroethane	64	1.754	1.765	-0.011	100	22405	20.0	17.0	
11 Dichlorofluoromethane	67	1.891	1.891	0.000	99	85226	20.0	20.1	
12 Trichlorofluoromethane	101	1.914	1.914	0.000	97	72412	20.0	22.5	
13 Pentane	57	1.960	1.960	0.000	96	13291	40.0	31.3	
14 Ethanol	46	2.040	2.040	0.000	96	4601	800.0	699.1	
15 Ethyl ether	59	2.108	2.108	0.000	95	35806	20.0	21.0	
17 2-Methyl-1,3-butadiene	53	2.131	2.131	0.000	78	33138	20.0	18.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.131	2.131	0.000	88	42771	20.0	22.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.177	2.177	0.000	95	71279	20.0	21.2	
19 Acrolein	56	2.234	2.234	0.000	94	10884	40.0	38.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.257	2.257	0.000	95	47127	20.0	20.6	
20 1,1-Dichloroethene	96	2.280	2.280	0.000	96	43509	20.0	19.5	
22 Acetone	58	2.326	2.326	0.000	87	15463	100.0	88.9	
24 Isopropyl alcohol	45	2.394	2.394	0.000	73	18502	200.0	210.6	
23 Iodomethane	142	2.406	2.406	0.000	97	30753	20.0	8.50	
25 Carbon disulfide	76	2.440	2.440	0.000	98	155947	20.0	20.5	
27 3-Chloro-1-propene	39	2.531	2.531	0.000	90	51330	20.0	23.2	
28 Methyl acetate	43	2.543	2.543	0.000	98	49893	40.0	39.6	
26 Acetonitrile	40	2.566	2.566	0.000	96	40517	200.0	224.6	
29 Cyclopentene	67	2.566	2.566	0.000	93	120182	20.0	20.2	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	182929	1000.0	1000.0	
30 Methylene Chloride	84	2.634	2.634	0.000	86	55323	20.0	21.0	
32 2-Methyl-2-propanol	59	2.668	2.668	0.000	98	33368	200.0	203.8	
35 Methyl tert-butyl ether	73	2.783	2.783	0.000	96	137873	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.806	2.806	0.000	92	53869	20.0	21.9	
33 Acrylonitrile	53	2.840	2.840	0.000	95	145678	200.0	200.9	
36 Hexane	57	2.954	2.954	0.000	91	47824	20.0	20.0	
39 Isopropyl ether	45	3.126	3.126	0.000	92	143636	20.0	21.5	
37 1,1-Dichloroethane	63	3.137	3.137	0.000	99	92544	20.0	22.0	
38 Vinyl acetate	86	3.149	3.148	0.000	100	16443	40.0	49.7	
40 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	87	45343	20.0	21.3	
41 Tert-butyl ethyl ether	59	3.400	3.400	0.000	88	145473	20.0	21.6	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	211677	250.0	250.0	
44 2,2-Dichloropropane	97	3.571	3.571	0.000	91	18436	20.0	22.2	
45 cis-1,2-Dichloroethene	96	3.583	3.583	0.000	99	59416	20.0	22.3	
46 2-Butanone (MEK)	72	3.594	3.594	0.000	97	22338	100.0	97.7	
47 Ethyl acetate	43	3.594	3.594	0.000	97	152645	40.0	39.1	
48 Methyl acrylate	55	3.651	3.651	0.000	99	37461	20.0	20.3	
42 Propionitrile	54	3.686	3.686	0.000	95	53440	200.0	208.9	
49 Chlorobromomethane	128	3.789	3.777	0.012	74	30027	20.0	22.7	
51 Tetrahydrofuran	42	3.789	3.789	0.000	29	26135	40.0	37.7	
50 Methacrylonitrile	67	3.789	3.789	0.000	90	186125	200.0	216.1	
52 Chloroform	83	3.834	3.834	0.000	99	99776	20.0	22.9	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	161601	50.0	55.3	
54 1,1,1-Trichloroethane	97	3.971	3.971	0.000	95	80719	20.0	21.5	
55 Cyclohexane	84	3.983	3.983	0.000	88	61400	20.0	19.0	
56 Carbon tetrachloride	117	4.086	4.086	0.000	99	68280	20.0	20.1	
57 1,1-Dichloropropene	75	4.109	4.109	0.000	98	70549	20.0	21.6	
61 Isobutyl alcohol	43	4.189	4.189	0.000	99	29256	500.0	444.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	168972	50.0	55.8	
59 Benzene	78	4.280	4.280	0.000	93	213447	20.0	19.5	
62 Isooctane	57	4.280	4.280	0.000	53	91757	20.0	20.5	
63 Isopropyl acetate	43	4.326	4.326	0.000	98	116539	20.0	20.5	
60 1,2-Dichloroethane	62	4.349	4.349	0.000	75	70041	20.0	22.6	
64 Tert-amyl methyl ether	73	4.349	4.349	0.000	92	141216	20.0	20.8	
66 n-Heptane	43	4.451	4.451	0.000	88	34309	20.0	19.7	
* 65 Fluorobenzene	96	4.543	4.543	0.000	100	546364	50.0	50.0	
68 n-Butanol	56	4.783	4.794	-0.011	96	19230	500.0	494.2	
67 Trichloroethene	95	4.874	4.874	0.000	97	59783	20.0	20.8	
69 Ethyl acrylate	55	5.000	4.966	0.034	76	41507	20.0	13.4	
70 Methylcyclohexane	83	5.012	5.000	0.012	95	66095	20.0	19.2	
71 1,2-Dichloropropane	63	5.126	5.114	0.012	92	52731	20.0	21.1	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	92	23128	1000.0	1000.0	
75 Methyl methacrylate	100	5.194	5.194	0.000	88	23537	40.0	36.8	
74 1,4-Dioxane	88	5.229	5.229	0.000	40	8970	400.0	515.6	
73 Dibromomethane	93	5.240	5.229	0.011	95	36462	20.0	21.4	
76 n-Propyl acetate	43	5.252	5.252	0.000	97	57060	20.0	19.3	
77 Dichlorobromomethane	83	5.377	5.377	0.000	98	76097	20.0	21.1	
78 2-Nitropropane	41	5.663	5.663	0.000	98	18362	40.0	33.5	
79 2-Chloroethyl vinyl ether	63	5.697	5.697	0.000	92	31438	20.0	20.4	
80 Epichlorohydrin	57	5.777	5.777	0.000	98	70025	400.0	373.4	
81 cis-1,3-Dichloropropene	75	5.846	5.846	0.000	89	92608	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.995	5.994	0.000	96	176270	100.0	98.9	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	587246	50.0	49.8	
84 Toluene	91	6.166	6.166	0.000	93	235517	20.0	20.5	
85 trans-1,3-Dichloropropene	75	6.475	6.475	0.001	93	79129	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.520	6.520	0.000	87	56634	20.0	16.9	
87 1,1,2-Trichloroethane	83	6.680	6.680	0.000	97	42938	20.0	19.5	
88 Tetrachloroethene	166	6.760	6.760	0.000	95	53090	20.0	20.2	
89 1,3-Dichloropropane	76	6.875	6.886	-0.011	91	76765	20.0	19.2	
90 2-Hexanone	43	6.943	6.955	-0.012	94	116873	100.0	91.0	
92 n-Butyl acetate	43	7.080	7.080	0.000	99	57449	20.0	16.1	
91 Chlorodibromomethane	129	7.103	7.103	0.000	97	57991	20.0	18.8	
93 Ethylene Dibromide	107	7.252	7.252	0.000	97	53705	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.789	7.789	0.000	84	449090	50.0	50.0	
95 Chlorobenzene	112	7.835	7.835	0.000	97	156134	20.0	20.1	
97 Ethylbenzene	106	7.938	7.938	0.000	98	79163	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	7.938	7.938	0.000	43	54504	20.0	19.1	
98 m-Xylene & p-Xylene	106	8.098	8.098	0.000	97	98237	20.0	19.9	
101 n-Butyl acrylate	73	8.600	8.589	0.011	97	36692	20.0	16.1	
99 o-Xylene	106	8.600	8.600	0.000	94	97787	20.0	20.0	
100 Styrene	104	8.635	8.635	0.000	96	159184	20.0	19.7	
102 Bromoform	173	8.841	8.840	0.000	95	33211	20.0	18.0	
103 Amyl acetate (mixed isomers)	43	8.863	8.852	0.011	91	71210	20.0	17.4	
104 Isopropylbenzene	105	9.001	9.000	0.001	95	207828	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	88	173900	50.0	51.3	
106 Bromobenzene	156	9.298	9.298	0.000	92	67933	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	98	62347	20.0	20.9	
108 1,2,3-Trichloropropane	75	9.366	9.366	0.000	95	70559	20.0	18.2	a
109 trans-1,4-Dichloro-2-butene	75	9.366	9.366	0.000	66	70559	20.0	18.2	
110 N-Propylbenzene	91	9.378	9.378	0.000	99	277419	20.0	20.1	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	200806	20.0	20.5	
112 4-Ethyltoluene	105	9.469	9.469	0.000	98	232877	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	9.526	9.526	0.000	92	199106	20.0	20.0	
113 4-Chlorotoluene	91	9.549	9.549	0.000	97	209693	20.0	20.5	
115 Butyl Methacrylate	87	9.618	9.618	0.000	85	71281	20.0	17.8	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	151737	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	206829	20.0	19.1	
118 sec-Butylbenzene	105	9.915	9.915	0.000	99	221496	20.0	18.3	
119 1,3-Dichlorobenzene	146	10.006	10.006	0.000	96	121238	20.0	21.4	
122 4-Isopropyltoluene	119	10.018	10.018	0.000	97	190575	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	93	240238	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.075	10.075	0.000	96	125074	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	98	222909	20.0	19.9	
124 Benzyl chloride	126	10.166	10.166	0.000	98	22945	20.0	18.7	
125 2,3-Dihydroindene	117	10.224	10.223	0.001	93	205581	20.0	20.5	
127 p-Diethylbenzene	119	10.269	10.258	0.011	93	117082	20.0	19.3	
128 n-Butylbenzene	92	10.281	10.281	0.000	96	94598	20.0	19.3	
126 1,2-Dichlorobenzene	146	10.315	10.303	0.012	97	120134	20.0	21.1	
130 1,2,4,5-Tetramethylbenzene	119	10.726	10.715	0.011	97	198298	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	10.772	10.772	0.000	93	12699	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	10.875	10.864	0.011	97	77099	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	11.264	11.252	0.012	94	71229	20.0	20.7	
133 Hexachlorobutadiene	225	11.332	11.332	0.000	90	21653	20.0	21.6	
134 Naphthalene	128	11.424	11.412	0.012	100	182676	20.0	17.8	
135 1,2,3-Trichlorobenzene	180	11.584	11.584	0.000	97	61072	20.0	18.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 138 Xylenes, Total	100				0		40.0	39.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	99.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00666	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00212	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
524FREONS_00042	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Oct-2025 08:45:50 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74091.D

Injection Date: 20-Oct-2025 06:07:30 Instrument ID: CVOAMS9 Operator ID:

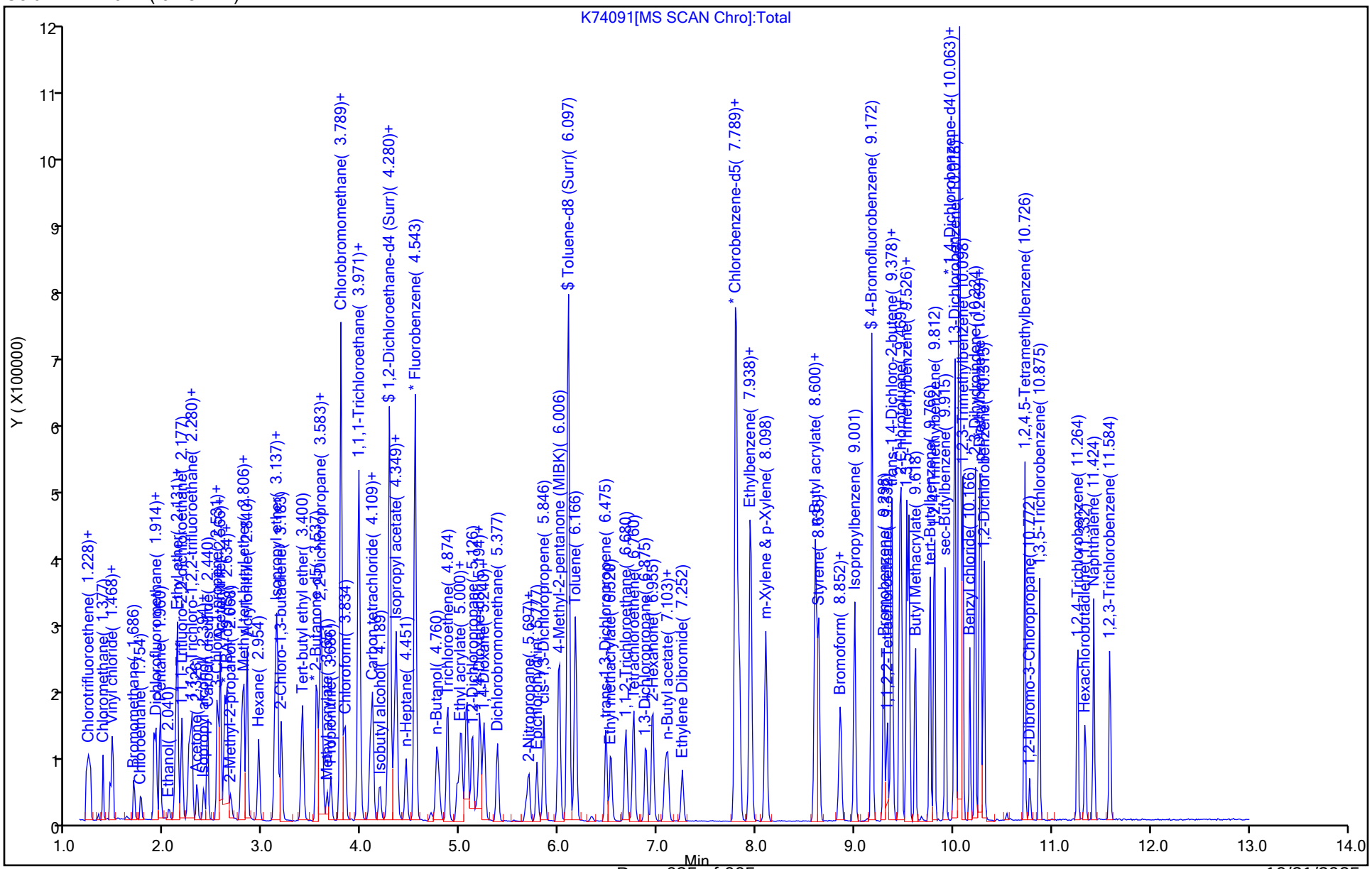
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74091.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Oct-2025 06:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0198102-005
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 08:45:37 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1722

First Level Reviewer: N1JZ Date: 20-Oct-2025 08:45:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	55.3	110.66
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.66
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.57
$ 105 4-Bromofluorobenzene	50.0	51.3	102.66

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-336983-5 MS

Matrix: Water | Lab File ID: K74103.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 10:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.20	0.085
79-00-5	1,1,2-Trichloroethane	18.7		0.58	0.19
75-34-3	1,1-Dichloroethane	20.8		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
107-06-2	1,2-Dichloroethane	20.6		0.30	0.087
78-87-5	1,2-Dichloropropane	18.6		0.92	0.074
591-78-6	2-Hexanone	87.7		5.0	1.1
67-64-1	Acetone	80.2		5.0	4.4
71-43-2	Benzene	18.5		0.45	0.070
75-27-4	Bromodichloromethane	18.9		0.98	0.15
75-25-2	Bromoform	17.1		1.0	0.54
74-83-9	Bromomethane	15.5		1.0	0.55
75-15-0	Carbon disulfide	19.5		1.0	0.82
56-23-5	Carbon tetrachloride	20.3		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	18.7		1.0	0.32
67-66-3	Chloroform	21.6		1.0	0.33
74-87-3	Chloromethane	19.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	17.0		0.45	0.069
124-48-1	Dibromochloromethane	18.3		0.78	0.086
100-41-4	Ethylbenzene	19.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	93.1		5.0	3.9
108-10-1	methyl isobutyl ketone	93.9		5.0	1.3
75-09-2	Methylene Chloride	19.2		1.0	0.65
100-42-5	Styrene	18.6		1.0	0.42
127-18-4	Tetrachloroethene	24.0		0.40	0.28
108-88-3	Toluene	19.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.4		0.45	0.12
79-01-6	Trichloroethene	19.9		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-336983-5 MS

Matrix: Water | Lab File ID: K74103.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 10:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	19.9		1.0	0.40
1330-20-7	Xylenes, Total	37.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74103.D
Lims ID: 460-336983-B-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 20-Oct-2025 10:51:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-5 MS
Misc. Info.: 460-0198102-017
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:11:05 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:11:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.205	1.205	0.000	94	10828	20.0	17.6	
3 Dichlorodifluoromethane	85	1.240	1.228	0.012	98	68451	20.0	23.0	
5 Chlorodifluoromethane	67	1.251	1.251	0.000	98	8438	20.0	20.0	
6 Chloromethane	50	1.377	1.377	0.000	100	58425	20.0	19.4	
7 Vinyl chloride	62	1.457	1.445	0.012	98	44307	20.0	19.9	
8 Butadiene	54	1.480	1.468	0.012	93	40347	20.0	20.8	
9 Bromomethane	94	1.697	1.685	0.012	99	26039	20.0	15.5	
10 Chloroethane	64	1.765	1.765	0.000	99	24135	20.0	18.7	
11 Dichlorofluoromethane	67	1.891	1.891	0.000	99	86436	20.0	20.9	
12 Trichlorofluoromethane	101	1.914	1.914	0.000	99	77591	20.0	24.6	
13 Pentane	57	1.960	1.960	0.000	95	12734	40.0	30.7	
14 Ethanol	46	2.051	2.040	0.011	99	4928	800.0	744.4	
15 Ethyl ether	59	2.108	2.108	0.000	96	33133	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	2.131	2.131	0.000	78	32680	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.131	2.131	0.000	85	43426	20.0	23.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.177	2.177	0.000	94	74468	20.0	22.7	
19 Acrolein	56	2.234	2.234	0.000	94	9385	40.0	32.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.257	2.257	0.000	97	47128	20.0	21.1	
20 1,1-Dichloroethene	96	2.280	2.280	0.000	96	42016	20.0	19.3	
22 Acetone	58	2.337	2.326	0.011	87	14295	100.0	80.2	
24 Isopropyl alcohol	45	2.394	2.394	0.000	97	18025	200.0	203.9	
23 Iodomethane	142	2.405	2.406	-0.001	100	16772	20.0	4.74	
25 Carbon disulfide	76	2.440	2.440	0.000	98	145279	20.0	19.5	
27 3-Chloro-1-propene	39	2.531	2.531	0.000	91	43362	20.0	20.1	
28 Methyl acetate	43	2.543	2.543	0.000	98	49524	40.0	39.1	
26 Acetonitrile	40	2.565	2.566	-0.001	72	37787	200.0	208.3	
29 Cyclopentene	67	2.565	2.566	-0.001	95	112021	20.0	19.3	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	99	183986	1000.0	1000.0	
30 Methylene Chloride	84	2.634	2.634	0.000	88	49516	20.0	19.2	
32 2-Methyl-2-propanol	59	2.668	2.668	0.000	99	29857	200.0	181.3	
35 Methyl tert-butyl ether	73	2.783	2.783	0.000	96	125844	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.806	2.806	0.000	92	51307	20.0	21.4	
33 Acrylonitrile	53	2.840	2.840	0.000	93	134936	200.0	190.4	
36 Hexane	57	2.954	2.954	0.000	90	45966	20.0	19.7	
39 Isopropyl ether	45	3.126	3.126	0.000	95	131525	20.0	20.1	
37 1,1-Dichloroethane	63	3.137	3.137	0.000	99	85653	20.0	20.8	
38 Vinyl acetate	86	3.148	3.148	0.000	100	14926	40.0	44.0	
40 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	89	40995	20.0	19.7	
41 Tert-butyl ethyl ether	59	3.400	3.400	0.000	88	130759	20.0	19.9	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	100	216931	250.0	250.0	
44 2,2-Dichloropropane	97	3.571	3.571	0.000	93	17488	20.0	21.5	
45 cis-1,2-Dichloroethene	96	3.594	3.583	0.011	99	56048	20.0	21.6	
46 2-Butanone (MEK)	72	3.594	3.594	0.000	99	21818	100.0	93.1	
47 Ethyl acetate	43	3.594	3.594	0.000	97	143688	40.0	36.0	
48 Methyl acrylate	55	3.651	3.651	0.000	99	36712	20.0	20.4	
42 Propionitrile	54	3.686	3.686	0.000	96	51260	200.0	199.3	
49 Chlorobromomethane	128	3.788	3.777	0.011	74	28355	20.0	22.0	
51 Tetrahydrofuran	42	3.788	3.789	-0.001	29	24108	40.0	33.9	
50 Methacrylonitrile	67	3.788	3.789	-0.001	90	176316	200.0	209.5	
52 Chloroform	83	3.834	3.834	0.000	99	92008	20.0	21.6	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	164987	50.0	57.8	
54 1,1,1-Trichloroethane	97	3.971	3.971	0.000	96	76529	20.0	20.9	
55 Cyclohexane	84	3.983	3.983	0.000	90	61851	20.0	19.6	
56 Carbon tetrachloride	117	4.086	4.086	0.000	96	67535	20.0	20.3	
57 1,1-Dichloropropene	75	4.108	4.109	-0.001	98	68465	20.0	21.5	
61 Isobutyl alcohol	43	4.189	4.189	-0.001	98	28051	500.0	423.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	98	162207	50.0	54.8	
59 Benzene	78	4.280	4.280	0.000	92	197164	20.0	18.5	
62 Isooctane	57	4.291	4.280	0.011	52	83849	20.0	19.1	
63 Isopropyl acetate	43	4.326	4.326	0.000	98	104982	20.0	18.9	
60 1,2-Dichloroethane	62	4.349	4.349	0.000	74	62524	20.0	20.6	
64 Tert-amyl methyl ether	73	4.349	4.349	0.000	92	133764	20.0	20.2	
66 n-Heptane	43	4.451	4.451	0.000	88	32101	20.0	18.8	
* 65 Fluorobenzene	96	4.543	4.543	0.000	100	533926	50.0	50.0	
68 n-Butanol	56	4.794	4.794	0.000	87	18238	500.0	465.1	
67 Trichloroethene	95	4.874	4.874	0.000	97	55865	20.0	19.9	
69 Ethyl acrylate	55	4.966	4.966	0.000	98	55728	20.0	18.4	
70 Methylcyclohexane	83	5.011	5.000	0.011	95	64098	20.0	19.1	
71 1,2-Dichloropropane	63	5.126	5.114	0.012	90	45286	20.0	18.6	
* 72 1,4-Dioxane-d8	96	5.171	5.172	-0.001	89	22803	1000.0	1000.0	
75 Methyl methacrylate	100	5.194	5.194	0.000	84	22886	40.0	36.6	
74 1,4-Dioxane	88	5.217	5.229	-0.012	57	7131	400.0	415.7	
73 Dibromomethane	93	5.240	5.229	0.011	95	34382	20.0	20.6	
76 n-Propyl acetate	43	5.251	5.252	-0.001	96	51432	20.0	17.8	
77 Dichlorobromomethane	83	5.377	5.377	0.000	98	66707	20.0	18.9	
78 2-Nitropropane	41	5.663	5.663	0.000	98	15737	40.0	29.4	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	54446	400.0	282.4	
81 cis-1,3-Dichloropropene	75	5.846	5.846	0.000	89	81886	20.0	17.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.006	5.994	0.012	94	171550	100.0	93.9	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	578138	50.0	50.4	
84 Toluene	91	6.166	6.166	0.000	93	212549	20.0	19.1	
85 trans-1,3-Dichloropropene	75	6.474	6.475	0.000	95	70752	20.0	16.4	
86 Ethyl methacrylate	69	6.532	6.520	0.012	85	55828	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.680	6.680	0.000	97	40060	20.0	18.7	
88 Tetrachloroethene	166	6.760	6.760	0.000	96	61163	20.0	24.0	
89 1,3-Dichloropropane	76	6.886	6.886	0.000	91	72303	20.0	18.6	
90 2-Hexanone	43	6.954	6.955	-0.001	95	115431	100.0	87.7	
92 n-Butyl acetate	43	7.080	7.080	0.000	99	56778	20.0	16.4	
91 Chlorodibromomethane	129	7.103	7.103	0.000	98	54687	20.0	18.3	
93 Ethylene Dibromide	107	7.252	7.252	0.000	97	50231	20.0	18.9	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	436331	50.0	50.0	
95 Chlorobenzene	112	7.835	7.835	0.000	97	146088	20.0	19.4	
97 Ethylbenzene	106	7.937	7.938	-0.001	98	73299	20.0	19.0	
96 1,1,1,2-Tetrachloroethane	131	7.937	7.938	-0.001	45	50102	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.097	8.098	-0.001	96	93472	20.0	19.4	
101 n-Butyl acrylate	73	8.600	8.589	0.011	96	35255	20.0	15.9	
99 o-Xylene	106	8.600	8.600	0.000	93	85878	20.0	18.1	
100 Styrene	104	8.635	8.635	0.000	96	145965	20.0	18.6	
102 Bromoform	173	8.840	8.840	0.000	94	30749	20.0	17.1	
103 Amyl acetate (mixed isomers)	43	8.863	8.852	0.011	91	70729	20.0	16.9	
104 Isopropylbenzene	105	9.000	9.000	0.000	95	190878	20.0	18.1	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	87	173528	50.0	52.7	
106 Bromobenzene	156	9.298	9.298	0.000	95	61213	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	99	61167	20.0	20.0	
108 1,2,3-Trichloropropane	75	9.366	9.366	0.000	96	64736	20.0	16.3	a
109 trans-1,4-Dichloro-2-butene	75	9.366	9.366	0.000	79	64736	20.0	16.3	
110 N-Propylbenzene	91	9.378	9.378	0.000	99	257634	20.0	18.2	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	186947	20.0	18.7	
112 4-Ethyltoluene	105	9.469	9.469	0.000	98	218389	20.0	18.1	
114 1,3,5-Trimethylbenzene	105	9.526	9.526	0.000	92	181472	20.0	17.8	
113 4-Chlorotoluene	91	9.549	9.549	0.000	97	190183	20.0	18.2	
115 Butyl Methacrylate	87	9.618	9.618	0.000	84	67016	20.0	16.4	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	141292	20.0	16.9	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	193311	20.0	17.5	
118 sec-Butylbenzene	105	9.926	9.915	0.011	99	203361	20.0	16.4	
119 1,3-Dichlorobenzene	146	10.018	10.006	0.012	97	112407	20.0	19.4	
122 4-Isopropyltoluene	119	10.029	10.018	0.011	98	182706	20.0	17.6	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	95	245630	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.086	10.075	0.011	95	113974	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	97	202849	20.0	17.7	
124 Benzyl chloride	126	10.178	10.166	0.012	99	20822	20.0	16.6	
125 2,3-Dihydroindene	117	10.235	10.223	0.012	94	184197	20.0	18.0	
127 p-Diethylbenzene	119	10.281	10.258	0.023	94	105648	20.0	17.0	
128 n-Butylbenzene	92	10.292	10.281	0.011	97	88518	20.0	17.7	
126 1,2-Dichlorobenzene	146	10.326	10.303	0.023	97	108013	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	10.749	10.715	0.034	96	177690	20.0	17.0	
129 1,2-Dibromo-3-Chloropropane	157	10.795	10.772	0.023	95	11416	20.0	15.8	
131 1,3,5-Trichlorobenzene	180	10.898	10.864	0.034	98	68725	20.0	18.7	
132 1,2,4-Trichlorobenzene	180	11.286	11.252	0.034	93	63016	20.0	17.9	
133 Hexachlorobutadiene	225	11.366	11.332	0.034	93	19808	20.0	19.3	
134 Naphthalene	128	11.458	11.412	0.046	99	165455	20.0	15.8	
135 1,2,3-Trichlorobenzene	180	11.618	11.584	0.034	96	57371	20.0	17.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 138 Xylenes, Total	100				0		40.0	37.5	
S 139 Total BTEX	1				0		100.0	94.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00666	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00212	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
524FREONS_00042	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

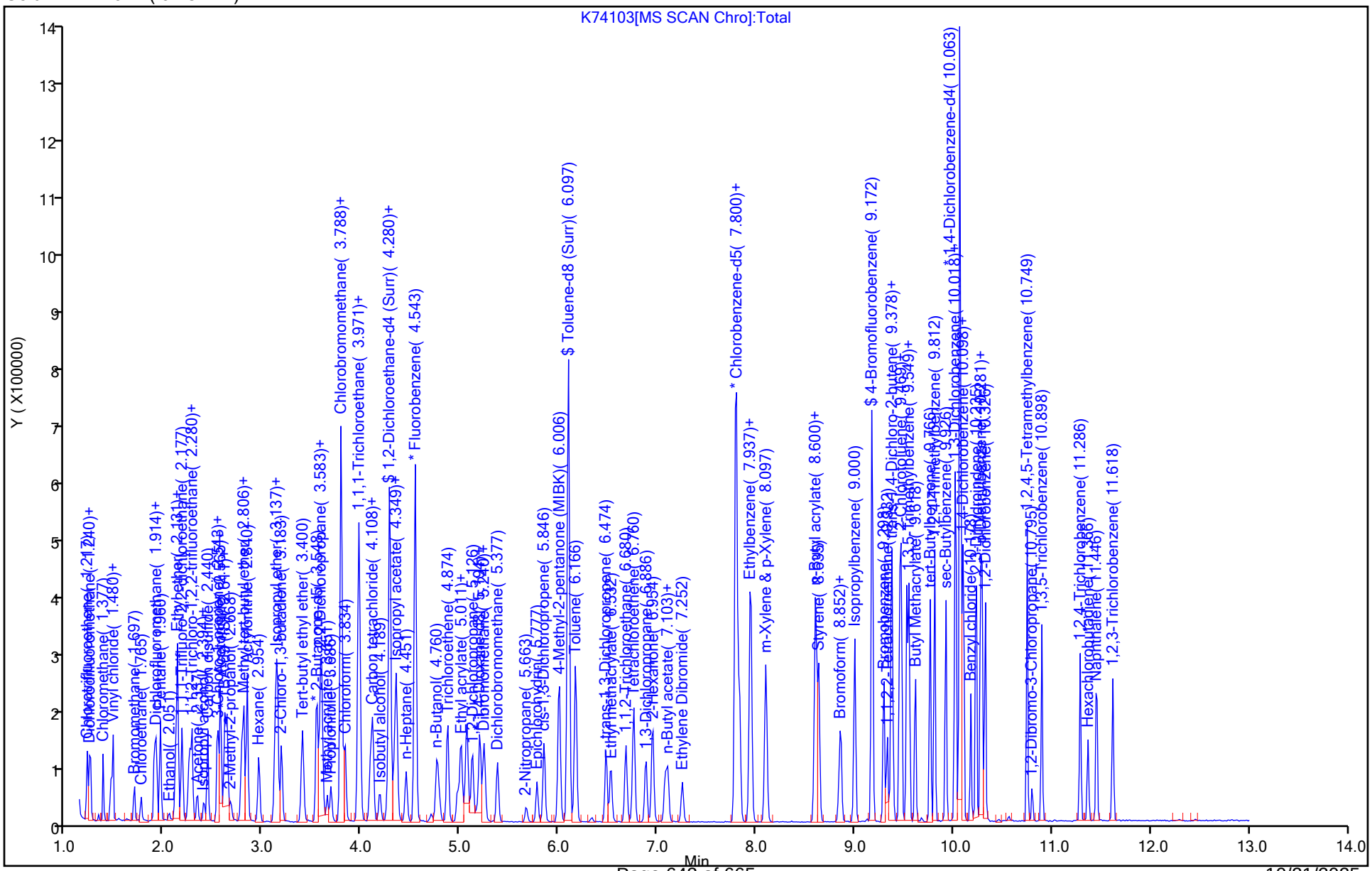
Report Date: 20-Oct-2025 19:11:06 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74103.D

Injection Date:	20-Oct-2025 10:51:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-5 MS			Worklist Smp#:	17
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74103.D
Lims ID: 460-336983-B-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 20-Oct-2025 10:51:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-5 MS
Misc. Info.: 460-0198102-017
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:11:05 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:11:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	57.8	115.61
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.69
$ 83 Toluene-d8 (Surr)	50.0	50.4	100.89
$ 105 4-Bromofluorobenzene	50.0	52.7	105.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-336983-5 MSD

Matrix: Water | Lab File ID: K74104.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.20	0.085
79-00-5	1,1,2-Trichloroethane	18.3		0.58	0.19
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.26
107-06-2	1,2-Dichloroethane	20.9		0.30	0.087
78-87-5	1,2-Dichloropropane	19.4		0.92	0.074
591-78-6	2-Hexanone	89.3		5.0	1.1
67-64-1	Acetone	86.7		5.0	4.4
71-43-2	Benzene	18.1		0.45	0.070
75-27-4	Bromodichloromethane	18.4		0.98	0.15
75-25-2	Bromoform	16.5		1.0	0.54
74-83-9	Bromomethane	15.2		1.0	0.55
75-15-0	Carbon disulfide	19.5		1.0	0.82
56-23-5	Carbon tetrachloride	19.7		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	18.2		1.0	0.32
67-66-3	Chloroform	21.6		1.0	0.33
74-87-3	Chloromethane	19.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.48
10061-01-5	cis-1,3-Dichloropropene	16.7		0.45	0.069
124-48-1	Dibromochloromethane	17.8		0.78	0.086
100-41-4	Ethylbenzene	17.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	96.5		5.0	3.9
108-10-1	methyl isobutyl ketone	95.2		5.0	1.3
75-09-2	Methylene Chloride	19.5		1.0	0.65
100-42-5	Styrene	17.9		1.0	0.42
127-18-4	Tetrachloroethene	24.9		0.40	0.28
108-88-3	Toluene	19.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.0		0.45	0.12
79-01-6	Trichloroethene	19.3		0.28	0.074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-336983-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-336983-5 MSD

Matrix: Water | Lab File ID: K74104.D

Analysis Method: 8260D | Date Collected: 10/08/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2025 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1069418 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	20.4		1.0	0.40
1330-20-7	Xylenes, Total	36.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74104.D
Lims ID: 460-336983-B-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 20-Oct-2025 11:14:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-5 MSD
Misc. Info.: 460-0198102-018
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:12:02 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:12:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.205	1.205	0.000	92	9820	20.0	16.4	
3 Dichlorodifluoromethane	85	1.240	1.228	0.012	98	71636	20.0	24.1	
5 Chlorodifluoromethane	67	1.251	1.251	0.000	97	10209	20.0	24.4	
6 Chloromethane	50	1.377	1.377	0.000	100	59593	20.0	19.9	
7 Vinyl chloride	62	1.457	1.445	0.012	98	45374	20.0	20.4	
8 Butadiene	54	1.480	1.468	0.012	95	41905	20.0	21.6	
9 Bromomethane	94	1.697	1.685	0.012	95	25414	20.0	15.2	
10 Chloroethane	64	1.765	1.765	0.000	99	23423	20.0	18.2	
11 Dichlorofluoromethane	67	1.891	1.891	0.000	99	87541	20.0	21.2	
12 Trichlorofluoromethane	101	1.914	1.914	0.000	98	77954	20.0	24.8	
13 Pentane	57	1.960	1.960	0.000	94	11845	40.0	28.6	
14 Ethanol	46	2.051	2.040	0.011	100	4946	800.0	708.0	
15 Ethyl ether	59	2.108	2.108	0.000	98	34072	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	2.131	2.131	0.000	78	31105	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.131	2.131	0.000	88	43889	20.0	23.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.177	2.177	0.000	94	72106	20.0	22.0	
19 Acrolein	56	2.234	2.234	0.000	96	9490	40.0	31.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.257	2.257	0.000	97	45166	20.0	20.3	
20 1,1-Dichloroethene	96	2.280	2.280	0.000	96	40755	20.0	18.7	
22 Acetone	58	2.326	2.326	0.000	87	15029	100.0	86.7	
24 Isopropyl alcohol	45	2.394	2.394	0.000	86	20521	200.0	220.2	
23 Iodomethane	142	2.406	2.406	0.000	98	23916	20.0	6.77	
25 Carbon disulfide	76	2.440	2.440	0.000	98	145059	20.0	19.5	
27 3-Chloro-1-propene	39	2.531	2.531	0.000	89	45314	20.0	21.0	
28 Methyl acetate	43	2.543	2.543	0.000	98	49081	40.0	36.7	
26 Acetonitrile	40	2.566	2.566	0.000	72	36197	200.0	189.1	
29 Cyclopentene	67	2.566	2.566	0.000	95	114286	20.0	19.7	
* 31 TBA-d9 (IS)	65	2.611	2.611	0.000	98	194169	1000.0	1000.0	
30 Methylene Chloride	84	2.634	2.634	0.000	87	50229	20.0	19.5	
32 2-Methyl-2-propanol	59	2.668	2.668	0.000	99	32304	200.0	185.9	
35 Methyl tert-butyl ether	73	2.783	2.783	0.000	96	128221	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.806	2.806	0.000	93	50814	20.0	21.2	
33 Acrylonitrile	53	2.840	2.840	0.000	92	130647	200.0	184.7	
36 Hexane	57	2.954	2.954	0.000	92	44362	20.0	19.0	
39 Isopropyl ether	45	3.126	3.126	0.000	95	135352	20.0	20.8	
37 1,1-Dichloroethane	63	3.137	3.137	0.000	99	82618	20.0	20.1	
38 Vinyl acetate	86	3.148	3.148	0.000	100	15788	40.0	47.9	
40 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	88	44548	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.400	3.400	0.000	89	131949	20.0	20.1	
* 43 2-Butanone-d5	46	3.537	3.537	0.000	99	211041	250.0	250.0	
44 2,2-Dichloropropane	97	3.571	3.571	0.000	91	17428	20.0	21.5	
45 cis-1,2-Dichloroethene	96	3.583	3.583	0.000	99	55453	20.0	21.4	
46 2-Butanone (MEK)	72	3.594	3.594	0.000	99	21983	100.0	96.5	
47 Ethyl acetate	43	3.594	3.594	0.000	97	144520	40.0	37.2	
48 Methyl acrylate	55	3.651	3.651	0.000	99	35172	20.0	19.5	
42 Propionitrile	54	3.686	3.686	0.000	98	48316	200.0	178.0	
49 Chlorobromomethane	128	3.789	3.777	0.012	89	28109	20.0	21.8	
51 Tetrahydrofuran	42	3.789	3.789	0.000	40	25919	40.0	37.5	
50 Methacrylonitrile	67	3.789	3.789	0.000	90	173811	200.0	206.8	
52 Chloroform	83	3.834	3.834	0.000	99	91993	20.0	21.6	
$ 53 Dibromofluoromethane (Surr)	113	3.971	3.971	0.000	96	160671	50.0	56.4	
54 1,1,1-Trichloroethane	97	3.971	3.971	0.000	96	76539	20.0	20.9	
55 Cyclohexane	84	3.983	3.983	0.000	90	56897	20.0	18.1	
56 Carbon tetrachloride	117	4.086	4.086	0.000	98	65190	20.0	19.7	
57 1,1-Dichloropropene	75	4.109	4.109	0.000	98	69217	20.0	21.7	
61 Isobutyl alcohol	43	4.177	4.189	-0.012	98	28240	500.0	404.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	4.280	4.280	0.000	97	162357	50.0	55.0	
59 Benzene	78	4.280	4.280	0.000	93	195125	20.0	18.1	
62 Isooctane	57	4.280	4.280	0.000	53	80700	20.0	18.5	
63 Isopropyl acetate	43	4.326	4.326	0.000	99	108062	20.0	19.5	
60 1,2-Dichloroethane	62	4.349	4.349	0.000	74	63304	20.0	20.9	
64 Tert-amyl methyl ether	73	4.349	4.349	0.000	92	128394	20.0	19.4	
66 n-Heptane	43	4.451	4.451	0.000	90	31440	20.0	18.5	
* 65 Fluorobenzene	96	4.543	4.543	0.000	99	533110	50.0	50.0	
68 n-Butanol	56	4.783	4.794	-0.011	88	18267	500.0	440.7	
67 Trichloroethene	95	4.874	4.874	0.000	98	54084	20.0	19.3	
69 Ethyl acrylate	55	4.966	4.966	0.000	99	56053	20.0	18.6	
70 Methylcyclohexane	83	5.011	5.000	0.011	95	65225	20.0	19.5	
71 1,2-Dichloropropane	63	5.126	5.114	0.012	93	47132	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.172	5.172	0.000	92	24442	1000.0	1000.0	
75 Methyl methacrylate	100	5.194	5.194	0.000	86	22345	40.0	35.8	
74 1,4-Dioxane	88	5.217	5.229	-0.012	85	9713	400.0	528.3	
73 Dibromomethane	93	5.240	5.229	0.011	97	33340	20.0	20.0	
76 n-Propyl acetate	43	5.252	5.252	0.000	97	53410	20.0	18.5	
77 Dichlorobromomethane	83	5.377	5.377	0.000	97	64775	20.0	18.4	
78 2-Nitropropane	41	5.674	5.663	0.011	97	15726	40.0	29.4	
80 Epichlorohydrin	57	5.777	5.777	0.000	99	53574	400.0	285.7	
81 cis-1,3-Dichloropropene	75	5.846	5.846	0.000	89	81772	20.0	16.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.006	5.994	0.012	95	169266	100.0	95.2	
$ 83 Toluene-d8 (Surr)	98	6.097	6.097	0.000	99	589478	50.0	50.7	
84 Toluene	91	6.166	6.166	0.000	93	214585	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.474	6.475	0.000	95	70064	20.0	16.0	
86 Ethyl methacrylate	69	6.532	6.520	0.012	86	53783	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.680	6.680	0.000	97	39823	20.0	18.3	
88 Tetrachloroethene	166	6.760	6.760	0.000	94	64487	20.0	24.9	
89 1,3-Dichloropropane	76	6.886	6.886	0.000	89	73603	20.0	18.7	
90 2-Hexanone	43	6.943	6.955	-0.012	95	114253	100.0	89.3	
92 n-Butyl acetate	43	7.080	7.080	0.000	99	54271	20.0	15.4	
91 Chlorodibromomethane	129	7.103	7.103	0.000	97	54142	20.0	17.8	
93 Ethylene Dibromide	107	7.252	7.252	0.000	99	49676	20.0	18.5	
* 94 Chlorobenzene-d5	117	7.800	7.789	0.011	84	442570	50.0	50.0	
95 Chlorobenzene	112	7.835	7.835	0.000	97	143312	20.0	18.7	
97 Ethylbenzene	106	7.938	7.938	0.000	98	70075	20.0	17.9	
96 1,1,1,2-Tetrachloroethane	131	7.949	7.938	0.011	44	49985	20.0	17.8	
98 m-Xylene & p-Xylene	106	8.098	8.098	0.000	97	87524	20.0	18.0	
101 n-Butyl acrylate	73	8.600	8.589	0.011	96	33180	20.0	14.8	
99 o-Xylene	106	8.600	8.600	0.000	94	87708	20.0	18.2	
100 Styrene	104	8.635	8.635	0.000	97	142761	20.0	17.9	
102 Bromoform	173	8.840	8.840	0.000	95	30017	20.0	16.5	
103 Amyl acetate (mixed isomers)	43	8.863	8.852	0.011	91	68370	20.0	16.5	
104 Isopropylbenzene	105	9.000	9.000	0.000	95	191971	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	9.172	9.172	0.000	89	175333	50.0	52.5	
106 Bromobenzene	156	9.298	9.298	0.000	95	61588	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.332	9.332	0.000	99	59366	20.0	19.6	
108 1,2,3-Trichloropropane	75	9.366	9.366	0.000	96	64558	20.0	16.4	a
109 trans-1,4-Dichloro-2-butene	75	9.366	9.366	0.000	67	64558	20.0	16.4	
110 N-Propylbenzene	91	9.378	9.378	0.000	100	248847	20.0	17.8	
111 2-Chlorotoluene	91	9.458	9.458	0.000	96	188384	20.0	19.0	
112 4-Ethyltoluene	105	9.469	9.469	0.000	99	214478	20.0	17.9	
114 1,3,5-Trimethylbenzene	105	9.526	9.526	0.000	93	181072	20.0	18.0	
113 4-Chlorotoluene	91	9.549	9.549	0.000	97	190197	20.0	18.4	
115 Butyl Methacrylate	87	9.618	9.618	0.000	85	65409	20.0	16.1	
116 tert-Butylbenzene	119	9.766	9.766	0.000	93	141044	20.0	17.0	
117 1,2,4-Trimethylbenzene	105	9.812	9.812	0.000	97	195948	20.0	17.9	
118 sec-Butylbenzene	105	9.926	9.915	0.011	99	203834	20.0	16.6	
119 1,3-Dichlorobenzene	146	10.018	10.006	0.012	96	109482	20.0	19.1	
122 4-Isopropyltoluene	119	10.018	10.018	0.000	97	178096	20.0	17.3	
* 120 1,4-Dichlorobenzene-d4	152	10.063	10.063	0.000	94	243496	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.075	10.075	0.000	94	112994	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.098	10.098	0.000	97	203628	20.0	17.9	
124 Benzyl chloride	126	10.178	10.166	0.012	99	20475	20.0	16.5	
125 2,3-Dihydroindene	117	10.223	10.223	0.000	95	183633	20.0	18.1	
127 p-Diethylbenzene	119	10.269	10.258	0.011	93	109216	20.0	17.7	
128 n-Butylbenzene	92	10.281	10.281	0.000	95	86946	20.0	17.5	
126 1,2-Dichlorobenzene	146	10.315	10.303	0.012	95	105390	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	10.738	10.715	0.023	96	178169	20.0	17.2	
129 1,2-Dibromo-3-Chloropropane	157	10.795	10.772	0.023	95	11501	20.0	16.0	
131 1,3,5-Trichlorobenzene	180	10.886	10.864	0.022	97	70593	20.0	19.3	
132 1,2,4-Trichlorobenzene	180	11.275	11.252	0.023	93	65732	20.0	18.9	
133 Hexachlorobutadiene	225	11.355	11.332	0.023	94	20380	20.0	20.0	
134 Naphthalene	128	11.435	11.412	0.023	99	167280	20.0	16.1	
135 1,2,3-Trichlorobenzene	180	11.606	11.584	0.022	96	57028	20.0	17.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 138 Xylenes, Total	100				0		40.0	36.1	
S 139 Total BTEX	1				0		100.0	91.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00666	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00212	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
524FREONS_00042	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00258	Amount Added:	1.00	Units: uL	Run Reagent

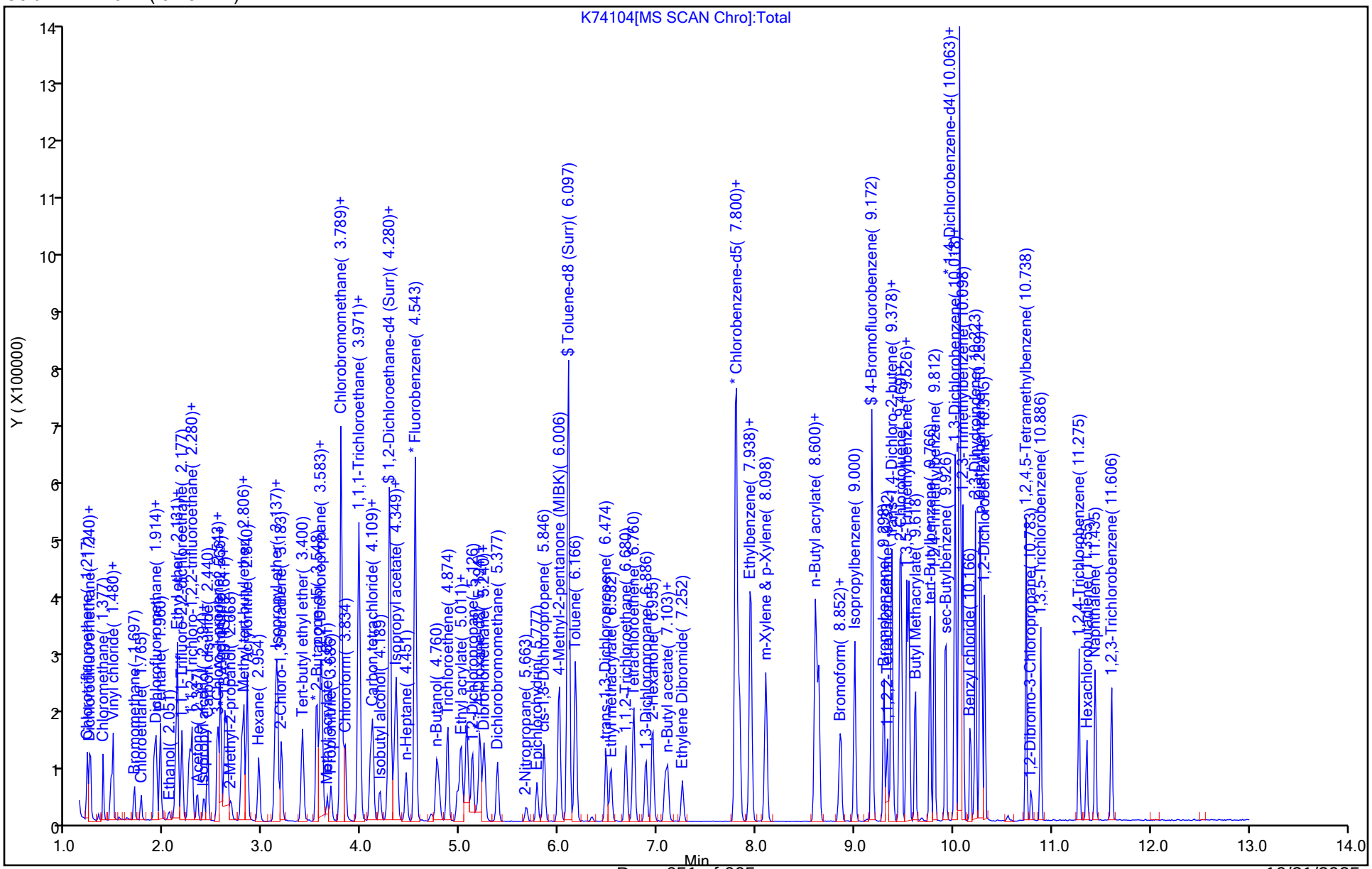
Report Date: 20-Oct-2025 19:12:03 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74104.D

Injection Date:	20-Oct-2025 11:14:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-336983-B-5 MSD			Worklist Smp#:	18
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



10/21/2025
12:14:15 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\K74104.D
Lims ID: 460-336983-B-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 20-Oct-2025 11:14:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-336983-B-5 MSD
Misc. Info.: 460-0198102-018
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20251020-198102.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Oct-2025 19:12:02 Calib Date: 12-Aug-2025 10:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250812-194792.b\K71225.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: HVW2 Date: 20-Oct-2025 19:12:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	56.4	112.76
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.0	109.96
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.42
$ 105 4-Bromofluorobenzene	50.0	52.5	105.04

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/12/2025 06:24

Analysis Batch Number: 1055004 End Date: 08/12/2025 13:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1055004/1		08/12/2025 06:24	1	K71215.D	DB-624 0.18(mm)
STD9 460-1055004/3 IC		08/12/2025 07:42	1	K71217.D	DB-624 0.18(mm)
STD8 460-1055004/4 IC		08/12/2025 08:06	1	K71218.D	DB-624 0.18(mm)
STD1 460-1055004/6 IC		08/12/2025 08:55	1	K71220.D	DB-624 0.18(mm)
STD5 460-1055004/7 IC		08/12/2025 09:19	1	K71221.D	DB-624 0.18(mm)
STD20 460-1055004/8 ICIS		08/12/2025 09:43	1	K71222.D	DB-624 0.18(mm)
STD50 460-1055004/9 IC		08/12/2025 10:08	1	K71223.D	DB-624 0.18(mm)
STD200 460-1055004/10 IC		08/12/2025 10:32	1	K71224.D	DB-624 0.18(mm)
STD500 460-1055004/11 IC		08/12/2025 10:56	1	K71225.D	DB-624 0.18(mm)
ICV 460-1055004/18		08/12/2025 13:45	1	K71232.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 10/20/2025 04:56

Analysis Batch Number: 1069418 End Date: 10/20/2025 15:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1069418/2		10/20/2025 04:56	1	K74088.D	DB-624 0.18(mm)
LCS 460-1069418/4		10/20/2025 05:43	1	K74090.D	DB-624 0.18(mm)
LCSD 460-1069418/5		10/20/2025 06:07	1	K74091.D	DB-624 0.18(mm)
MB 460-1069418/8		10/20/2025 07:18	1	K74094.D	DB-624 0.18(mm)
460-336983-13	FB1008	10/20/2025 07:41	1	K74095.D	DB-624 0.18(mm)
460-336983-14	Trip Blank	10/20/2025 08:05	1	K74096.D	DB-624 0.18(mm)
ZZZZZ (Client)		10/20/2025 08:29	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/20/2025 08:53	1		DB-624 0.18(mm)
460-336983-5	A-02	10/20/2025 09:16	1	K74099.D	DB-624 0.18(mm)
ZZZZZ (Client)		10/20/2025 09:40	1		DB-624 0.18(mm)
ZZZZZ (Client)		10/20/2025 10:03	5		DB-624 0.18(mm)
ZZZZZ (Client)		10/20/2025 10:27	10		DB-624 0.18(mm)
460-336983-5 MS	A-02 MS	10/20/2025 10:51	1	K74103.D	DB-624 0.18(mm)
460-336983-5 MSD	A-02 MSD	10/20/2025 11:14	1	K74104.D	DB-624 0.18(mm)
460-336983-1	A-15	10/20/2025 12:01	1	K74106.D	DB-624 0.18(mm)
460-336983-2	ME-8	10/20/2025 12:25	1	K74107.D	DB-624 0.18(mm)
460-336983-3	ME-13	10/20/2025 12:49	1	K74108.D	DB-624 0.18(mm)
460-336983-4	MW-113	10/20/2025 13:12	1	K74109.D	DB-624 0.18(mm)
460-336983-6	A-06	10/20/2025 13:36	1	K74110.D	DB-624 0.18(mm)
460-336983-7	A-066	10/20/2025 13:59	1	K74111.D	DB-624 0.18(mm)
460-336983-8	A-08	10/20/2025 14:23	1	K74112.D	DB-624 0.18(mm)
460-336983-9	A-07	10/20/2025 14:47	1	K74113.D	DB-624 0.18(mm)
460-336983-10	A-05	10/20/2025 15:10	1	K74114.D	DB-624 0.18(mm)
460-336983-11	A-09	10/20/2025 15:34	1	K74115.D	DB-624 0.18(mm)
460-336983-12	A-10	10/20/2025 15:57	1	K74116.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1055004 Batch Start Date: 08/12/25 06:24 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00187	524FREONS 00038	7 Freons Hi 00030	7 Freons SS 00031
BFB 460-1055004/1		8260D			5 mL	5 mL				
STD9 460-1055004/3 IC		8260D			5 mL	5 mL				
STD8 460-1055004/4 IC		8260D			5 mL	5 mL				
STD1 460-1055004/6 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-1055004/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1055004/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1055004/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1055004/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1055004/11 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-1055004/18		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00196	8260ISNEW 00210	8260MIX1COMB 00209	8260SURR250 00256	ACROLEIN SP 00180	ACROLEIN W 00186
BFB 460-1055004/1		8260D								
STD9 460-1055004/3 IC		8260D				1 uL	2 uL	1 uL		
STD8 460-1055004/4 IC		8260D				1 uL		1 uL		
STD1 460-1055004/6 IC		8260D				1 uL	10 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1055004 Batch Start Date: 08/12/25 06:24 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00196	8260ISNEW 00210	8260MIX1COMB 00209	8260SURR250 00256	ACROLEIN SP 00180	ACROLEIN W 00186
STD5 460-1055004/7 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1055004/8 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-1055004/9 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1055004/10 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1055004/11 IC		8260D				1 uL		1 uL		40 uL
ICV 460-1055004/18		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00140	BFB 00039	Ethanol mix 00104	GAS C SP 00634	GAS Hi 00501	GASES Li 00656
BFB 460-1055004/1		8260D				1 uL				
STD9 460-1055004/3 IC		8260D								
STD8 460-1055004/4 IC		8260D			20 uL					2.5 uL
STD1 460-1055004/6 IC		8260D								10 uL
STD5 460-1055004/7 IC		8260D								10 uL
STD20 460-1055004/8 ICIS		8260D								20 uL
STD50 460-1055004/9 IC		8260D								50 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1055004 Batch Start Date: 08/12/25 06:24 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00140	BFB 00039	Ethanol mix 00104	GAS C SP 00634	GAS Hi 00501	GASES Li 00656
STD200 460-1055004/10 IC		8260D					20 uL		20 uL	
STD500 460-1055004/11 IC		8260D					50 uL		50 uL	
ICV 460-1055004/18		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00164	MIX I Hi 00191				
BFB 460-1055004/1		8260D								
STD9 460-1055004/3 IC		8260D								
STD8 460-1055004/4 IC		8260D								
STD1 460-1055004/6 IC		8260D								
STD5 460-1055004/7 IC		8260D								
STD20 460-1055004/8 ICIS		8260D								
STD50 460-1055004/9 IC		8260D								
STD200 460-1055004/10 IC		8260D			20 uL	20 uL				
STD500 460-1055004/11 IC		8260D			50 uL	50 uL				
ICV 460-1055004/18		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1055004 Batch Start Date: 08/12/25 06:24 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1069418 Batch Start Date: 10/20/25 04:56 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00042	8260ISNEW 00210	8260MIX1COMB 00212
CCVIS 460-1069418/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1069418/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-1069418/5		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1069418/8		8260D			5 mL	5 mL			1 uL	
460-336983-B-13	FB1008	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-14	Trip Blank	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-5	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-5 MS	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-336983-B-5 MSD	A-02	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-336983-B-1	A-15	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-2	ME-8	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-3	ME-13	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-4	MW-113	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-6	A-06	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-7	A-066	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-8	A-08	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-9	A-07	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-10	A-05	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-11	A-09	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-336983-B-12	A-10	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00258	ACROLEIN W 00189	GASES Li 00666			
CCVIS 460-1069418/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1069418/4		8260D			1 uL	4 uL	20 uL			
LCSD 460-1069418/5		8260D			1 uL	4 uL	20 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-336983-1

SDG No.:

Batch Number: 1069418 Batch Start Date: 10/20/25 04:56 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00258	ACROLEIN W 00189	GASES Li 00666			
MB 460-1069418/8		8260D			1 uL					
460-336983-B-13	FB1008	8260D	Water	T	1 uL					
460-336983-B-14	Trip Blank	8260D	Water	T	1 uL					
460-336983-B-5	A-02	8260D	Water	T	1 uL					
460-336983-B-5 MS	A-02	8260D	Water	T	1 uL	4 uL	20 uL			
460-336983-B-5 MSD	A-02	8260D	Water	T	1 uL	4 uL	20 uL			
460-336983-B-1	A-15	8260D	Water	T	1 uL					
460-336983-B-2	ME-8	8260D	Water	T	1 uL					
460-336983-B-3	ME-13	8260D	Water	T	1 uL					
460-336983-B-4	MW-113	8260D	Water	T	1 uL					
460-336983-B-6	A-06	8260D	Water	T	1 uL					
460-336983-B-7	A-066	8260D	Water	T	1 uL					
460-336983-B-8	A-08	8260D	Water	T	1 uL					
460-336983-B-9	A-07	8260D	Water	T	1 uL					
460-336983-B-10	A-05	8260D	Water	T	1 uL					
460-336983-B-11	A-09	8260D	Water	T	1 uL					
460-336983-B-12	A-10	8260D	Water	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 518844

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Cancemi	Site Contact: Jake Stumm	Date:	COC No: 1 of 2 COCs
Company Name: FPM Group	Tel/Email: bcancemi@fpm-group.com	Lab Contact: Karen Smetanka	Carrier:	Sampler:
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: / Lab Sampling:
City/State/Zip: Bohemia, NY 11716	TAT if different from Below: STD			
Phone: 631-737-6200	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Job / SDG No:
Fax:				
Project Name: 90-30 Metro Groundwater Sampling				
Site: 90-30 Metropolitan Avenue, Queens NY				
PO# 10669-19-07				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
A-15	10/9/25	3 45	—	GW	3			X	336983 -1
ME-8		9 40							-2
ME-13		10 00							-3
MW-113		10 35							-4
A-02		11 15			9		Y		* MS/MSD -5
A-06		11.55			3				-6
A-066		11 57							-7
A-08		12 20							-8
A-07		12 40							-9
A-05		12 58							-10
A-09		13 15							-11
A-10		13 35							-12

460-336983 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

NO QS IR#9 08-05

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____	Therm ID No.: _____
Relinquished by:	Company: FPM Group	Date/Time:	Received by:	Company: ETA	Date/Time: 10/9/25 1250
Relinquished by:	Company:	Date/Time: 10/9/25 1700	Received by:	Company: EET	Date/Time: 10/9/25 1700
Relinquished by:	Company: EET 10/9/25	Date/Time: 1930	Received in Laboratory by: Emily Pfaffl	Company: ETA	Date/Time: 10/9/25 1930

10/10/2025 12:14:15 PM

Chain of Custody Record

411037

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Cancemi	Site Contact:	Date:	COC No:
Company Name: FPM Group	Tel/Email: bcancemi@fpm-group.com	Lab Contact:	Carrier:	____ of ____ COCs
Address: 640 Johnson Avenue, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 90-30 Metro Groundwater Sampling	☐ 1 week			
Site: 90-30 Metropolitan Avenue, Queens NY	☐ 2 days			Job / SDG No
PO# 10669-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes.
FB1008	10/8/25	1400		AQ	2	N	N	X	336983 -13
Trip Blank		1430							-14

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

NO CS IR#9 0.8-0.5

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No. _____
Relinquished by:	Company: FPM	Date/Time:	Received by:	Company:	Date/Time: 10/9/25 0-30
Relinquished by:	Company:	Date/Time: 10/9/25 1700	Received by:	Company: EET	Date/Time: 10/9/25 1700
Relinquished by:	Company: EET 10/9/25	Date/Time: 1930	Received in Laboratory by: Emily Raffa	Company: ETA	Date/Time: 10/9/25 1930

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 336983

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.8 °C	0.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 10/9/25

10/21/2025
12:14:15 PM

Login Sample Receipt Checklist

Client: FPM Group Ltd

Job Number: 460-336983-1

Login Number: 336983
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX G

DATA USABILITY SUMMARY REPORTS

DATA USABILITY SUMMARY REPORT
FOR MAY 2024 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-304107-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005), Operation Maintenance and Monitoring Plan and modifications.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

Sample A-08 (460304107-9) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: ME-8 (460-304107-2). The result has been reported and qualified.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis.

The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD percent recoveries and relative percent differences were all within established limits. Therefore, matrix effects do not appear to have significantly affected the sample data.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits. Therefore, the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – One surrogate for one of the primary samples was noted to be outside laboratory criteria.

   A review of the primary sample data and historical observations of prior analysis does not suggest a significant concern with these QC issues.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   No QC exceedances were noted except as discussed above.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2024 -2026\App G DUSRS\DUSR May 2024.docx

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 5/24/2024 11:47 AM

JOB DESCRIPTION

Metro Regency Centers

JOB NUMBER

460-304107-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

CASE NARRATIVE

Client: FPM Group Limited

Project: Metro Regency Centers

Report Number: 460-304107-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 5/16/2024 7:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples A-15 (460-304107-1), ME-8 (460-304107-2), ME-13 (460-304107-3), ME-113 (460-304107-4), A-02 (460-304107-5), A-06 (460-304107-6), A-066 (460-304107-7), A-07 (460-304107-8), A-08 (460-304107-9), A-05 (460-304107-10), A-09 (460-304107-11), A-10 (460-304107-12), FB0515 (460-304107-13) and Trip Blank (460-304107-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/22/2024 and 05/23/2024.

Sample A-08 (460-304107-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: ME-8 (460-304107-2). The result has been reported and qualified.

The following sample was diluted to bring the concentration of target analytes within the calibration range: A-08 (460-304107-9). Elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Client Sample ID: ME-8
Lab Sample ID: 460-304107-2

Date Collected: 05/15/24 09:15
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/23/24 09:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/23/24 09:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/23/24 09:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/23/24 09:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/23/24 09:47	1
Acetone	5.0	U	5.0	4.4	ug/L			05/23/24 09:47	1
Benzene	1.0	U	1.0	0.20	ug/L			05/23/24 09:47	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/23/24 09:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/23/24 09:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/23/24 09:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/23/24 09:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/23/24 09:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/23/24 09:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/23/24 09:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/23/24 09:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/23/24 09:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/23/24 09:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/23/24 09:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/23/24 09:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/23/24 09:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/23/24 09:47	1
Styrene	1.0	U	1.0	0.42	ug/L			05/23/24 09:47	1
Tetrachloroethene	**75**		1.0	0.25	ug/L			05/23/24 09:47	1
Toluene	1.0	U	1.0	0.38	ug/L			05/23/24 09:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/23/24 09:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/23/24 09:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/23/24 09:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/23/24 09:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/23/24 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*64*	*	*70 - 128*		*05/23/24 09:47*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/23/24 09:47*	*1*
Dibromofluoromethane (Surr)	*87*		*77 - 132*		*05/23/24 09:47*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/23/24 09:47*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-304107-3

Date Collected: 05/15/24 09:45
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 16:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 16:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 16:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 16:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 16:21	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 16:21	1

Client Sample ID: A-07
Lab Sample ID: 460-304107-8

Date Collected: 05/15/24 11:55
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 17:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 17:29	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 17:29	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 17:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 17:29	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 17:29	1
Tetrachloroethene	**18**		1.0	0.25	ug/L			05/22/24 17:29	1
Toluene	1.0	U	1.0	0.38	ug/L			05/22/24 17:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/22/24 17:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 17:29	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/22/24 17:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/22/24 17:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/22/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*05/22/24 17:29*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/22/24 17:29*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*05/22/24 17:29*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/22/24 17:29*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-304107-9

Date Collected: 05/15/24 11:30
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/23/24 10:06	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/23/24 10:06	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/23/24 10:06	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			05/23/24 10:06	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/23/24 10:06	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/23/24 10:06	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/23/24 10:06	2
2-Hexanone	10	U	10	2.3	ug/L			05/23/24 10:06	2
Acetone	10	U	10	8.8	ug/L			05/23/24 10:06	2
Benzene	2.0	U	2.0	0.41	ug/L			05/23/24 10:06	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/23/24 10:06	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/23/24 10:06	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/23/24 10:06	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/23/24 10:06	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/23/24 10:06	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/23/24 10:06	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/23/24 10:06	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/23/24 10:06	2
Chloromethane	**0.88**	**J**	2.0	0.80	ug/L			05/23/24 10:06	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/23/24 10:06	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/23/24 10:06	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/23/24 10:06	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/23/24 10:06	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/23/24 10:06	2

Client Sample ID: A-08
Lab Sample ID: 460-304107-9

Date Collected: 05/15/24 11:30
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/23/24 10:06	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/23/24 10:06	2
Styrene	2.0	U	2.0	0.83	ug/L			05/23/24 10:06	2
Tetrachloroethene	**490**		2.0	0.50	ug/L			05/23/24 10:06	2
Toluene	2.0	U	2.0	0.76	ug/L			05/23/24 10:06	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/23/24 10:06	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/23/24 10:06	2
Trichloroethene	**0.99**	**J**	2.0	0.63	ug/L			05/23/24 10:06	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/23/24 10:06	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/23/24 10:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*05/23/24 10:06*	*2*
4-Bromofluorobenzene	*107*		*76 - 120*		*05/23/24 10:06*	*2*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*05/23/24 10:06*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/23/24 10:06*	*2*

Client Sample ID: A-05
Lab Sample ID: 460-304107-10

Date Collected: 05/15/24 12:10
Matrix: Water
Date Received: 05/16/24 19:55

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/22/24 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/22/24 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/22/24 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/22/24 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/22/24 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/22/24 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/22/24 18:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/22/24 18:14	1
Acetone	5.0	U	5.0	4.4	ug/L			05/22/24 18:14	1
Benzene	1.0	U	1.0	0.20	ug/L			05/22/24 18:14	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/22/24 18:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/22/24 18:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/22/24 18:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/22/24 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/22/24 18:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/22/24 18:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/22/24 18:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/22/24 18:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/22/24 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/22/24 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/22/24 18:14	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/22/24 18:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/22/24 18:14	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/22/24 18:14	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/22/24 18:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/22/24 18:14	1
Styrene	1.0	U	1.0	0.42	ug/L			05/22/24 18:14	1

DATA USABILITY SUMMARY REPORT
FOR OCTOBER 2024 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-312971-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005), Operation Maintenance and Monitoring Plan and modifications.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no significant problems with sample receipt or handling were reported by the laboratory.

Sample A-08 (460304107-9) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-1000443 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1000575 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information

cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD percent recoveries and relative percent differences were all within established limits. Therefore, matrix effects do not appear to have significantly affected the sample data.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits except for trans-1,2-Dichloroethene which failed the recovery criteria high, however a review of the primary sample data did suggest a concern. Therefore, the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – The continued calibration curve was outside of laboratory limits.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   No QC exceedances were noted except as discussed above.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2024 -2026\App G DUSRS\DUSR October 2024.docx

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 10/18/2024 12:59 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-312971-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-312971-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 10/4/2024 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No site name or state recorded on the1st page of the COC.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): sample #14 (A-09). Test put on hold. Sample activated 10/16/24 per client.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-312971-1), ME-8 (460-312971-2), ME-13 (460-312971-3), MW-113 (460-312971-4), A-02 (460-312971-5), A-06 (460-312971-6), A-066 (460-312971-7), A-08 (460-312971-8), A-07 (460-312971-9), A-05 (460-312971-10), A-10 (460-312971-11), FB1003 (460-312971-12), Trip Blank (460-312971-13) and A-09 (460-312971-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/09/2024 and 10/17/2024.

trans-1,2-Dichloroethene failed the recovery criteria high for LCSD 460-1001940/6. Refer to the QC report for details.

Sample A-08 (460-312971-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-1000443 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1000575 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1000443/4
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	74 - 125
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	18.6		ug/L		93	68 - 133
1,2-Dichloroethane	20.0	23.5		ug/L		117	66 - 129
1,2-Dichloropropane	20.0	18.9		ug/L		94	72 - 128
2-Hexanone	100	98.2		ug/L		98	72 - 134
Acetone	100	96.0		ug/L		96	60 - 133
Benzene	20.0	19.4		ug/L		97	71 - 126
Bromodichloromethane	20.0	20.6		ug/L		103	76 - 121
Bromoform	20.0	21.9		ug/L		109	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	17.7		ug/L		89	35 - 150
Carbon tetrachloride	20.0	19.4		ug/L		97	65 - 131
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120
Chloroethane	20.0	20.3		ug/L		102	54 - 150
Chloroform	20.0	20.1		ug/L		101	78 - 125
Chloromethane	20.0	17.4		ug/L		87	43 - 149
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	74 - 125
Dibromochloromethane	20.0	22.7		ug/L		113	73 - 121
Ethylbenzene	20.0	19.1		ug/L		96	78 - 120
Methyl Ethyl Ketone	100	108		ug/L		108	65 - 142
methyl isobutyl ketone	100	102		ug/L		102	77 - 130
Methylene Chloride	20.0	18.5		ug/L		92	74 - 127
Styrene	20.0	21.8		ug/L		109	82 - 127
Tetrachloroethene	20.0	18.3		ug/L		92	70 - 127
Toluene	20.0	18.9		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	71 - 127
Trichloroethene	20.0	19.2		ug/L		96	73 - 121
Vinyl chloride	20.0	18.2		ug/L		91	55 - 144
Xylenes, Total	40.0	39.0		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-1000443/6
Matrix: Water
Analysis Batch: 1000443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	24.8		ug/L		124	63 - 139	3	30
1,1,2-Trichloroethane	20.0	22.1		ug/L		110	74 - 125	1	30
1,1-Dichloroethane	20.0	18.9		ug/L		94	73 - 130	1	30

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-312971-1

SDG No.:

Lab Sample ID: CCVIS 460-1000443/3 Calibration Date: 10/09/2024 06:44

Instrument ID: CVOAMS17 Calib Start Date: 09/20/2024 11:04

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/20/2024 13:20

Lab File ID: TT857242.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3944	0.3664	0.2000	18.6	20.0	-7.1	20.0
1,3-Dichloropropane	Ave	0.4580	0.5078		22.2	20.0	10.9	20.0
2-Hexanone	Ave	1.548	1.476	0.0500	95.4	100	-4.6	50.0
n-Butyl acetate	Ave	0.4080	0.4289		21.0	20.0	5.1	20.0
Dibromochloromethane	Ave	0.2872	0.3209	0.1000	22.3	20.0	11.7	50.0
Ethylene Dibromide	Ave	0.2497	0.2905	0.1000	23.3	20.0	16.3	20.0
Chlorobenzene	Ave	1.010	0.9850	0.5000	19.5	20.0	-2.5	20.0
Ethylbenzene	Ave	0.5727	0.5451	0.1000	19.0	20.0	-4.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3438	0.3356		19.5	20.0	-2.4	20.0
m-Xylene & p-Xylene	Ave	0.6846	0.6726	0.1000	19.6	20.0	-1.8	20.0
n-Butyl acrylate	Ave	0.2334	0.2547		21.8	20.0	9.1	20.0
o-Xylene	Ave	0.6774	0.6472	0.3000	19.1	20.0	-4.5	20.0
Styrene	Ave	1.019	1.115	0.3000	21.9	20.0	9.4	20.0
Bromoform	Lin2		0.1892	0.1000	21.1	20.0	5.4	20.0
Amyl acetate (mixed isomers)	Ave	0.9350	0.999		21.4	20.0	6.8	20.0
Isopropylbenzene	Ave	1.496	1.547	0.1000	20.7	20.0	3.5	20.0
Bromobenzene	Ave	0.7792	0.7524		19.3	20.0	-3.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6078	0.7640	0.3000	25.1	20.0	25.7*	20.0
N-Propylbenzene	Ave	3.535	3.629		20.5	20.0	2.7	20.0
1,2,3-Trichloropropane	Ave	0.1709	0.2162		25.3	20.0	26.5*	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.0431		6.88	20.0	-65.6*	20.0
2-Chlorotoluene	Ave	2.518	2.527		20.1	20.0	0.4	20.0
4-Ethyltoluene	Ave	2.979	3.111		20.9	20.0	4.4	20.0
1,3,5-Trimethylbenzene	Ave	2.439	2.589		21.2	20.0	6.1	20.0
4-Chlorotoluene	Ave	2.462	2.418		19.6	20.0	-1.8	20.0
Butyl Methacrylate	QuaF		0.8693		16.8	20.0	-16.0	20.0
tert-Butylbenzene	Ave	2.077	2.130		20.5	20.0	2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.566	2.748		21.4	20.0	7.1	20.0
sec-Butylbenzene	Ave	3.166	3.376		21.3	20.0	6.6	20.0
1,3-Dichlorobenzene	Ave	1.506	1.519	0.6000	20.2	20.0	0.8	20.0
4-Isopropyltoluene	Ave	2.716	2.907		21.4	20.0	7.1	20.0
1,4-Dichlorobenzene	Ave	1.552	1.527	0.5000	19.7	20.0	-1.7	20.0
1,2,3-Trimethylbenzene	Ave	2.722	2.953		21.7	20.0	8.5	20.0
Benzyl chloride	Ave	1.048	1.316		25.1	20.0	25.6	50.0
Indan	Ave	2.586	2.731		21.1	20.0	5.6	20.0
p-Diethylbenzene	Ave	1.792	1.841		20.6	20.0	2.8	20.0
n-Butylbenzene	Ave	1.556	1.609		20.7	20.0	3.4	20.0
1,2-Dichlorobenzene	Ave	1.447	1.520	0.4000	21.0	20.0	5.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.544	2.578		20.3	20.0	1.4	20.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1128	0.0500	24.9	20.0	24.3	50.0
1,3,5-Trichlorobenzene	Ave	1.304	1.245		19.1	20.0	-4.5	20.0

Client Sample ID: A-066
Date Collected: 10/03/24 11:12
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.5**		1.0	0.40	ug/L			10/09/24 16:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 16:38	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 16:38	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 16:38	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			10/09/24 16:38	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/09/24 16:38	1
Styrene	1.0	U	1.0	0.42	ug/L			10/09/24 16:38	1
Tetrachloroethene	**250**		1.0	0.25	ug/L			10/09/24 16:38	1
Toluene	1.0	U	1.0	0.38	ug/L			10/09/24 16:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/09/24 16:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:38	1
Trichloroethene	**0.56**	**J**	1.0	0.31	ug/L			10/09/24 16:38	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/09/24 16:38	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/09/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*10/09/24 16:38*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*10/09/24 16:38*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 16:38*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/09/24 16:38*	*1*

Client Sample ID: A-08
Date Collected: 10/03/24 11:35
Date Received: 10/04/24 19:00

Lab Sample ID: 460-312971-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			10/09/24 17:56	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			10/09/24 17:56	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			10/09/24 17:56	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			10/09/24 17:56	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			10/09/24 17:56	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			10/09/24 17:56	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			10/09/24 17:56	2
2-Hexanone	10	U	10	2.3	ug/L			10/09/24 17:56	2
Acetone	10	U	10	8.8	ug/L			10/09/24 17:56	2
Benzene	2.0	U	2.0	0.41	ug/L			10/09/24 17:56	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			10/09/24 17:56	2
Bromoform	2.0	U	2.0	1.1	ug/L			10/09/24 17:56	2
Bromomethane	2.0	U	2.0	1.1	ug/L			10/09/24 17:56	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			10/09/24 17:56	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			10/09/24 17:56	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			10/09/24 17:56	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/09/24 17:56	2
Chloroform	2.0	U	2.0	0.65	ug/L			10/09/24 17:56	2
Chloromethane	2.0	U	2.0	0.80	ug/L			10/09/24 17:56	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			10/09/24 17:56	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			10/09/24 17:56	2

Client Sample ID: A-08
Lab Sample ID: 460-312971-8

Date Collected: 10/03/24 11:35
Matrix: Water
Date Received: 10/04/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			10/09/24 17:56	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			10/09/24 17:56	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			10/09/24 17:56	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			10/09/24 17:56	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			10/09/24 17:56	2
Styrene	2.0	U	2.0	0.83	ug/L			10/09/24 17:56	2
Tetrachloroethene	**510**		2.0	0.50	ug/L			10/09/24 17:56	2
Toluene	2.0	U	2.0	0.76	ug/L			10/09/24 17:56	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			10/09/24 17:56	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			10/09/24 17:56	2
Trichloroethene	**1.1**	**J**	2.0	0.63	ug/L			10/09/24 17:56	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			10/09/24 17:56	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			10/09/24 17:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*10/09/24 17:56*	*2*
4-Bromofluorobenzene	*92*		*76 - 120*		*10/09/24 17:56*	*2*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*10/09/24 17:56*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/09/24 17:56*	*2*

Client Sample ID: A-07
Lab Sample ID: 460-312971-9

Date Collected: 10/03/24 12:10
Matrix: Water
Date Received: 10/04/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/09/24 16:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/09/24 16:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/09/24 16:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/09/24 16:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/09/24 16:57	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/09/24 16:57	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/09/24 16:57	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/09/24 16:57	1
Acetone	5.0	U	5.0	4.4	ug/L			10/09/24 16:57	1
Benzene	1.0	U	1.0	0.20	ug/L			10/09/24 16:57	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			10/09/24 16:57	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/09/24 16:57	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/09/24 16:57	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/09/24 16:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/09/24 16:57	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/09/24 16:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/09/24 16:57	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/09/24 16:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/09/24 16:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/09/24 16:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/09/24 16:57	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			10/09/24 16:57	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/09/24 16:57	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			10/09/24 16:57	1

DATA USABILITY SUMMARY REPORT
FOR APRIL 2025 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-325324-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005), Operation Maintenance and Monitoring Plan and modifications.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no significant problems with sample receipt or handling were reported by the laboratory.

The continuing calibration verification (CCV) analyzed in batch 460-1035985 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however,any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035770 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene, cis-1,2-Dichloroethene and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035827 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD percent recoveries and relative percent differences were all within established limits. Therefore, matrix effects do not appear to have significantly affected the sample data.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits. Therefore, the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – The continued calibration curve was outside of laboratory limits.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   No QC exceedances were noted except as discussed above.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Ltd
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 5/8/2025 8:59 AM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-325354-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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CASE NARRATIVE

Client: FPM Group Ltd

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-325354-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/01/2025; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-325354-1), ME-8 (460-325354-2), ME-13 (460-325354-3), ME-113 (460-325354-4), A-02 (460-325354-5), A-08 (460-325354-6), A-07 (460-325354-7), A-06 (460-325354-8), A-066 (460-325354-9), A-05 (460-325354-10), A-09 (460-325354-11), A-10 (460-325354-12), FB0430 (460-325354-13) and Trip Blank (460-325354-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/06/2025 and 05/07/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1035985 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035770 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene, cis-1,2-Dichloroethene and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1035827 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.4671	0.3503		15.0	20.0	-25.0*	20.0
Dichlorodifluoromethane	Ave	0.4135	0.3389	0.1000	16.4	20.0	-18.0	20.0
Chlorodifluoromethane	Ave	0.0733	0.0607		16.6	20.0	-17.2	20.0
Chloromethane	Ave	0.5348	0.4736	0.1000	17.7	20.0	-11.5	20.0
Vinyl chloride	Ave	0.4131	0.3565	0.1000	17.3	20.0	-13.7	20.0
Butadiene	Ave	0.3879	0.2660		13.7	20.0	-31.4*	20.0
Bromomethane	Qua2		0.2189	0.1000	19.6	20.0	-2.2	50.0
Chloroethane	Ave	0.2841	0.2544	0.1000	17.9	20.0	-10.5	50.0
Dichlorofluoromethane	Ave	0.6850	0.6590		19.2	20.0	-3.8	20.0
Trichlorofluoromethane	Ave	0.4508	0.3909	0.1000	17.3	20.0	-13.3	20.0
Pentane	Ave	0.0930	0.1053		45.3	40.0	13.2	20.0
Ethanol	Ave	0.0578	0.0598		828	800	3.5	50.0
Ethyl ether	Lin2		0.2934		19.4	20.0	-3.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	QuaF		0.1692		12.3	20.0	-38.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.3703	0.3786		20.4	20.0	2.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4155	0.3305		15.9	20.0	-20.5*	20.0
Acrolein	Ave	1.227	0.9367		30.5	40.0	-23.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2905	0.3320	0.1000	22.9	20.0	14.3	20.0
1,1-Dichloroethene	Ave	0.2751	0.2035	0.1000	14.8	20.0	-26.0*	20.0
Acetone	QuaF		0.4316	0.0010	63.9	100	-36.1	50.0
Iodomethane	QuaF		0.3442		14.3	20.0	-28.6*	20.0
Isopropyl alcohol	Ave	0.6198	0.2431		78.4	200	-60.8*	50.0
Carbon disulfide	Ave	1.094	1.012	0.1000	18.5	20.0	-7.5	50.0
Acetonitrile	QuaF		1.682		165	200	-17.6	20.0
3-Chloro-1-propene	Ave	0.1951	0.1506		15.4	20.0	-22.8*	20.0
Methyl acetate	QuaF		0.0486*	0.0500	13.2	40.0	-66.9*	20.0
Cyclopentene	Ave	0.9317	0.8078		17.3	20.0	-13.3	20.0
Methylene Chloride	Ave	0.3617	0.3453	0.1000	19.1	20.0	-4.6	20.0
2-Methyl-2-propanol	Ave	1.519	1.392		183	200	-8.4	50.0
Acrylonitrile	QuaF		0.0646		145	200	-27.5*	20.0
trans-1,2-Dichloroethene	Ave	0.3409	0.2948	0.1000	17.3	20.0	-13.5	20.0
Methyl tert-butyl ether	Ave	1.039	1.124	0.1000	21.6	20.0	8.2	20.0
Hexane	Ave	0.4337	0.5032		23.2	20.0	16.0	20.0
1,1-Dichloroethane	Ave	0.5807	0.5145	0.2000	17.7	20.0	-11.4	20.0
Vinyl acetate	Ave	0.5696	0.6448		45.3	40.0	13.2	20.0
Isopropyl ether	Ave	1.187	1.262		21.3	20.0	6.3	20.0
2-Chloro-1,3-butadiene	Ave	0.3165	0.3131		19.8	20.0	-1.1	20.0
Tert-butyl ethyl ether	Ave	1.167	1.031		17.7	20.0	-11.6	20.0
2,2-Dichloropropane	Ave	0.1086	0.1065		19.6	20.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3175	0.2355	0.1000	14.8	20.0	-25.8*	20.0
Methyl Ethyl Ketone	Ave	0.3175	0.3017	0.0100	95.0	100	-5.0	50.0
Propionitrile	Ave	1.521	1.509		198	200	-0.8	20.0
Ethyl acetate	Ave	3.209	3.160		39.4	40.0	-1.5	20.0
Methyl acrylate	Ave	0.3243	0.3064		18.9	20.0	-5.5	20.0
Chlorobromomethane	Ave	0.1358	0.1164		17.1	20.0	-14.3	20.0
Methacrylonitrile	Ave	0.1306	0.1180		181	200	-9.7	20.0
Tetrahydrofuran	Ave	0.7125	0.4889		27.4	40.0	-31.4*	20.0
Chloroform	Ave	0.5574	0.4719	0.2000	16.9	20.0	-15.3	20.0
1,1,1-Trichloroethane	Ave	0.4909	0.4677	0.1000	19.1	20.0	-4.7	20.0
Cyclohexane	Ave	0.4670	0.4511	0.1000	19.3	20.0	-3.4	50.0
1,1-Dichloropropene	Ave	0.4858	0.4509		18.6	20.0	-7.2	20.0
Carbon tetrachloride	Ave	0.3959	0.3706	0.1000	18.7	20.0	-6.4	20.0
Isobutyl alcohol	Ave	0.8567	0.9247		540	500	7.9	50.0
Benzene	Ave	1.854	1.786	0.5000	19.3	20.0	-3.7	20.0
1,2-Dichloroethane	Ave	0.5120	0.4226	0.1000	16.5	20.0	-17.4	20.0
Isopropyl acetate	Ave	0.1352	0.1179		17.4	20.0	-12.8	20.0
Isooctane	Ave	0.7939	0.7877		19.8	20.0	-0.8	20.0
Tert-amyl methyl ether	Ave	0.9912	0.9296		18.8	20.0	-6.2	20.0
n-Heptane	Ave	0.3670	0.3777		20.6	20.0	2.9	20.0
n-Butanol	Ave	0.5791	0.5402		466	500	-6.7	50.0
Trichloroethene	Ave	0.3533	0.3210	0.2000	18.2	20.0	-9.1	20.0
Ethyl acrylate	Ave	0.4650	0.4329		18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.4846	0.4949	0.1000	20.4	20.0	2.1	50.0
1,2-Dichloropropane	Ave	0.3936	0.3608	0.1000	18.3	20.0	-8.3	20.0
Dibromomethane	Ave	0.2000	0.1643		16.4	20.0	-17.9	20.0
1,4-Dioxane	Ave	1.369	1.336		390	400	-2.4	50.0
Methyl methacrylate	Ave	0.0909	0.0823		36.2	40.0	-9.5	20.0
n-Propyl acetate	Ave	0.5356	0.5312		19.8	20.0	-0.8	20.0
Bromodichloromethane	Ave	0.4542	0.3738	0.2000	16.5	20.0	-17.7	20.0
2-Nitropropane	Ave	0.1257	0.0780		24.8	40.0	-38.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.2491	0.2176		17.5	20.0	-12.7	20.0
Epichlorohydrin	Ave	0.2694	0.2732		406	400	1.4	20.0
cis-1,3-Dichloropropene	Ave	0.7842	0.7388	0.2000	18.8	20.0	-5.8	50.0
methyl isobutyl ketone	Ave	3.121	3.170	0.0500	102	100	1.6	50.0
Toluene	Ave	2.023	1.970	0.4000	19.5	20.0	-2.6	20.0
trans-1,3-Dichloropropene	Ave	0.7484	0.6683	0.1000	17.9	20.0	-10.7	50.0
Ethyl methacrylate	Ave	0.6433	0.5842		18.2	20.0	-9.2	20.0
1,1,2-Trichloroethane	Ave	0.3680	0.3359	0.1000	18.3	20.0	-8.7	20.0
Tetrachloroethene	Ave	0.4372	0.3715	0.2000	17.0	20.0	-15.0	20.0
1,3-Dichloropropane	Ave	0.7183	0.7348		20.5	20.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035770/2 Calibration Date: 05/05/2025 23:29

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29287.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.171	0.0500	101	100	0.9	50.0
Dibromochloromethane	Ave	0.3956	0.3490	0.1000	17.6	20.0	-11.8	50.0
n-Butyl acetate	Ave	0.7768	0.7616		19.6	20.0	-2.0	20.0
Ethylene Dibromide	Ave	0.4023	0.3985	0.1000	19.8	20.0	-0.9	20.0
Chlorobenzene	Ave	1.201	1.201	0.5000	20.0	20.0	0.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3682		18.8	20.0	-5.9	20.0
Ethylbenzene	Ave	0.6589	0.6508	0.1000	19.8	20.0	-1.2	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7700	0.1000	19.8	20.0	-1.2	20.0
o-Xylene	Ave	0.7895	0.7443	0.3000	18.9	20.0	-5.7	20.0
Styrene	Ave	1.308	1.238	0.3000	18.9	20.0	-5.3	20.0
n-Butyl acrylate	Ave	0.3628	0.3392		18.7	20.0	-6.5	20.0
Bromoform	Ave	0.2568	0.1943	0.1000	15.1	20.0	-24.3*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.813		20.1	20.0	0.5	20.0
Isopropylbenzene	Ave	1.800	1.773	0.1000	19.7	20.0	-1.5	20.0
Bromobenzene	Ave	0.9477	0.9251		19.5	20.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	1.065	0.3000	18.5	20.0	-7.3	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.8698		19.0	20.0	-4.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.3656		16.8	20.0	-16.1	20.0
N-Propylbenzene	Ave	4.293	4.392		20.5	20.0	2.3	20.0
2-Chlorotoluene	Ave	2.806	2.864		20.4	20.0	2.1	20.0
4-Ethyltoluene	Ave	3.370	3.492		20.7	20.0	3.6	20.0
4-Chlorotoluene	Ave	3.118	3.219		20.6	20.0	3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.735		20.4	20.0	1.9	20.0
Butyl Methacrylate	Ave	0.998	0.9489		19.0	20.0	-4.9	20.0
tert-Butylbenzene	Ave	2.387	2.493		20.9	20.0	4.5	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.534		19.8	20.0	-1.2	20.0
sec-Butylbenzene	Ave	3.375	3.465		20.5	20.0	2.7	20.0
1,3-Dichlorobenzene	Ave	1.731	1.735	0.6000	20.0	20.0	0.2	20.0
1,4-Dichlorobenzene	Ave	1.758	1.746	0.5000	19.9	20.0	-0.7	20.0
4-Isopropyltoluene	Ave	2.796	2.748		19.7	20.0	-1.7	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.659		20.3	20.0	1.7	20.0
Benzyl chloride	QuaF		0.3809		18.7	20.0	-6.7	50.0
Indan	Ave	2.868	3.163		22.1	20.0	10.3	20.0
1,2-Dichlorobenzene	Ave	1.675	1.756	0.4000	21.0	20.0	4.8	20.0
p-Diethylbenzene	Ave	1.578	1.460		18.5	20.0	-7.5	20.0
n-Butylbenzene	Ave	1.281	1.208		18.9	20.0	-5.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.772		23.6	20.0	18.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.2069	0.0500	19.0	20.0	-4.8	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8603		19.7	20.0	-1.4	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	0.8788	0.2000	20.1	20.0	0.5	20.0
Hexachlorobutadiene	Ave	0.3691	0.3001		16.3	20.0	-18.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035827/2 Calibration Date: 05/06/2025 11:36

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29312.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.018	0.0500	93.8	100	-6.2	50.0
Dibromochloromethane	Ave	0.3956	0.3378	0.1000	17.1	20.0	-14.6	50.0
n-Butyl acetate	Ave	0.7768	0.7132		18.4	20.0	-8.2	20.0
Ethylene Dibromide	Ave	0.4023	0.3737	0.1000	18.6	20.0	-7.1	20.0
Chlorobenzene	Ave	1.201	1.143	0.5000	19.0	20.0	-4.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3544		18.1	20.0	-9.5	20.0
Ethylbenzene	Ave	0.6589	0.6152	0.1000	18.7	20.0	-6.6	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7508	0.1000	19.3	20.0	-3.6	20.0
o-Xylene	Ave	0.7895	0.7085	0.3000	18.0	20.0	-10.2	20.0
Styrene	Ave	1.308	1.196	0.3000	18.3	20.0	-8.5	20.0
n-Butyl acrylate	Ave	0.3628	0.3206		17.7	20.0	-11.6	20.0
Bromoform	Ave	0.2568	0.1825	0.1000	14.2	20.0	-28.9*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.373		15.2	20.0	-23.9*	20.0
Isopropylbenzene	Ave	1.800	1.678	0.1000	18.6	20.0	-6.8	20.0
Bromobenzene	Ave	0.9477	0.7691		16.2	20.0	-18.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	0.8552	0.3000	14.9	20.0	-25.6*	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.7403		16.2	20.0	-19.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.2675		12.3	20.0	-38.6*	20.0
N-Propylbenzene	Ave	4.293	3.605		16.8	20.0	-16.0	20.0
2-Chlorotoluene	Ave	2.806	2.319		16.5	20.0	-17.3	20.0
4-Ethyltoluene	Ave	3.370	2.785		16.5	20.0	-17.4	20.0
4-Chlorotoluene	Ave	3.118	2.606		16.7	20.0	-16.4	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.199		16.4	20.0	-18.1	20.0
Butyl Methacrylate	Ave	0.998	0.7560		15.2	20.0	-24.2*	20.0
tert-Butylbenzene	Ave	2.387	2.039		17.1	20.0	-14.6	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.093		16.3	20.0	-18.4	20.0
sec-Butylbenzene	Ave	3.375	2.956		17.5	20.0	-12.4	20.0
1,3-Dichlorobenzene	Ave	1.731	1.529	0.6000	17.7	20.0	-11.7	20.0
1,4-Dichlorobenzene	Ave	1.758	1.615	0.5000	18.4	20.0	-8.1	20.0
4-Isopropyltoluene	Ave	2.796	2.433		17.4	20.0	-13.0	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.260		17.3	20.0	-13.5	20.0
Benzyl chloride	QuaF		0.2674		13.1	20.0	-34.5	50.0
Indan	Ave	2.868	2.671		18.6	20.0	-6.9	20.0
1,2-Dichlorobenzene	Ave	1.675	1.537	0.4000	18.4	20.0	-8.2	20.0
p-Diethylbenzene	Ave	1.578	1.357		17.2	20.0	-14.0	20.0
n-Butylbenzene	Ave	1.281	1.098		17.1	20.0	-14.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.474		21.1	20.0	5.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.1616	0.0500	14.9	20.0	-25.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8050		18.5	20.0	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	0.7869	0.2000	18.0	20.0	-10.0	20.0
Hexachlorobutadiene	Ave	0.3691	0.3136		17.0	20.0	-15.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325354-1

SDG No.:

Lab Sample ID: CCVIS 460-1035985/3 Calibration Date: 05/06/2025 23:12

Instrument ID: CVOAMS12 Calib Start Date: 04/19/2025 04:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 08:17

Lab File ID: O29337.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.151	2.200	0.0500	102	100	2.3	50.0
Dibromochloromethane	Ave	0.3956	0.3574	0.1000	18.1	20.0	-9.7	50.0
n-Butyl acetate	Ave	0.7768	0.7349		18.9	20.0	-5.4	20.0
Ethylene Dibromide	Ave	0.4023	0.3912	0.1000	19.4	20.0	-2.8	20.0
Chlorobenzene	Ave	1.201	1.213	0.5000	20.2	20.0	1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3914	0.3709		19.0	20.0	-5.2	20.0
Ethylbenzene	Ave	0.6589	0.6541	0.1000	19.9	20.0	-0.7	20.0
m-Xylene & p-Xylene	Ave	0.7791	0.7941	0.1000	20.4	20.0	1.9	20.0
o-Xylene	Ave	0.7895	0.7765	0.3000	19.7	20.0	-1.6	20.0
Styrene	Ave	1.308	1.269	0.3000	19.4	20.0	-3.0	20.0
n-Butyl acrylate	Ave	0.3628	0.3438		19.0	20.0	-5.2	20.0
Bromoform	Ave	0.2568	0.1911	0.1000	14.9	20.0	-25.6*	20.0
Amyl acetate (mixed isomers)	Ave	1.805	1.535		17.0	20.0	-15.0	20.0
Isopropylbenzene	Ave	1.800	1.787	0.1000	19.9	20.0	-0.7	20.0
Bromobenzene	Ave	0.9477	0.8981		19.0	20.0	-5.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.149	0.9423	0.3000	16.4	20.0	-18.0	20.0
1,2,3-Trichloropropane	Ave	0.9137	0.8219		18.0	20.0	-10.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4357	0.3255		14.9	20.0	-25.3*	20.0
N-Propylbenzene	Ave	4.293	4.056		18.9	20.0	-5.5	20.0
2-Chlorotoluene	Ave	2.806	2.670		19.0	20.0	-4.8	20.0
4-Ethyltoluene	Ave	3.370	3.278		19.5	20.0	-2.7	20.0
4-Chlorotoluene	Ave	3.118	3.000		19.2	20.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.683	2.587		19.3	20.0	-3.6	20.0
Butyl Methacrylate	Ave	0.998	0.8906		17.9	20.0	-10.7	20.0
tert-Butylbenzene	Ave	2.387	2.388		20.0	20.0	0.0	20.0
1,2,4-Trimethylbenzene	Ave	2.564	2.483		19.4	20.0	-3.2	20.0
sec-Butylbenzene	Ave	3.375	3.462		20.5	20.0	2.6	20.0
1,3-Dichlorobenzene	Ave	1.731	1.695	0.6000	19.6	20.0	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.758	1.705	0.5000	19.4	20.0	-3.1	20.0
4-Isopropyltoluene	Ave	2.796	2.679		19.2	20.0	-4.2	20.0
1,2,3-Trimethylbenzene	Ave	2.615	2.586		19.8	20.0	-1.1	20.0
Benzyl chloride	QuaF		0.3440		16.9	20.0	-15.7	50.0
Indan	Ave	2.868	3.077		21.5	20.0	7.3	20.0
1,2-Dichlorobenzene	Ave	1.675	1.616	0.4000	19.3	20.0	-3.5	20.0
p-Diethylbenzene	Ave	1.578	1.493		18.9	20.0	-5.4	20.0
n-Butylbenzene	Ave	1.281	1.192		18.6	20.0	-7.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.349	2.668		22.7	20.0	13.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2174	0.1848	0.0500	17.0	20.0	-15.0	50.0
1,3,5-Trichlorobenzene	Ave	0.8722	0.8876		20.4	20.0	1.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8745	1.052	0.2000	24.1	20.0	20.3*	20.0
Hexachlorobutadiene	Ave	0.3691	0.3830		20.8	20.0	3.8	20.0

DATA USABILITY SUMMARY REPORT
FOR OCTOBER 2025 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-336983-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005), Operation Maintenance and Monitoring Plan and modifications.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no significant problems with sample receipt or handling were reported by the laboratory.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD percent recoveries and relative percent differences were all within established limits. Therefore, matrix effects do not appear to have significantly affected the sample data.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits. Therefore, the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   Yes – all laboratory QAQC is reported to be within specified criteria.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   No QC exceedances were noted except as discussed above.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

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